E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 888.74 *4*	0.0167 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
888.8 *3*	1.40 *21*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
888.80 *5*	2.29 *9*	^{240}Np(61.9 m)	566.34(25.3), 973.9(23.8), 600.57(18.4)
• 888.80 *5*	25.1 *4*	^{240}Am(50.8 h)	987.76(73.2), 98.860(1.5), 42.824(0.09)
888.86 *11*	1.91 *10*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
888.91 *7*	0.054 *3*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
888.97 *5*	3.3 *3*	^{108}Sn(10.30 m)	396.44(64.3), 272.75(45.5), 669.08(22.6)
889.00 *6*	0.102 *5*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
889.0 *4*	0.35 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
889.0 *15*	0.0016 *8*	^{219}Rn(3.96 s)	271.23(10.8), 401.81(6.37), 130.59(0.119)
889.05 *80*	0.05 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
889.07 *15*	0.44 *8*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
889.099 *12*	2.11 *16*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
889.1 *2*	0.39 *5*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
889.1 *3*	0.05 *1*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
889.13 *8*	0.253 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
889.2 *5*	0.14 *3*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
889.2 *3*	0.051 *10*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
889.2 *5*	†6.0 *7*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
889.23 *19*	0.0140 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
889.23 *19*	3.1 *6*	^{80}Zn(0.545 s)	712.53(45.1), 715.40(33.8), 964.93(15.6)
• 889.277 *3*	99.984 *1*	^{46}Sc(83.79 d)	1120.545(99.987), 2010(0.000013)
889.3 *5*	3.2 *3*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
889.3 *5*	0.142 *24*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
889.38 *19*	0.118 *22*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
• 889.44 *15*	0.58 *17*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
889.5 *5*	0.18 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
889.522 *22*	0.0036 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
889.56 *4*	0.023	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
889.6 *5*	0.43 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
889.6 *2*	1.0	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
889.6 *4*	0.12 *4*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
889.6 *5*	0.33 *8*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
889.7		^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
889.73 *16*	0.26 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
• 889.753 *21*	5.36 *14*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
889.8 *1*	1.06 *7*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
889.9 *7*	0.06 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
889.9 *3*	0.28 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
889.9 *2*	0.0198 *17*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
889.9 *5*	†1.9 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
889.9 *5*	>2.9	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
889.91 *21*	0.070 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
889.96 *2*	1.530 *23*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
889.96 *2*	0.44 *7*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
889.97 *4*	0.0506 *17*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 889.97 *4*	0.132 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
889.980 *16*	0.950 *11*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
• 890.0 *2*	0.0025 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
890.0 *2*	0.38 *3*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
890.0 *10*	0.0042 *17*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
890.0 *6*	0.058 *13*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
890.0 *3*	6.8 *8*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
890.0 *1*	0.139 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
890.0	0.24	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
890.0 *4*	†22 *6*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
890.0 *10*	0.15 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
890.01 *15*	†9.9 *8*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
890.1 *3*	0.33 *8*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
890.10 *20*	0.26 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
• 890.1 *2*	0.040 *10*	^{144}Pm(363 d)	696.510(99), 618.01(98.6), 476.8(42.0)
890.1 *2*	†100 *4*	^{201}Po(15.3 m)	240.1(†71.0), 904.2(†54.8), 1186.7(†20.8)
890.1 *5*	0.14	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
890.1 *4*	0.027 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 890.13 *3*	0.678 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
890.2 *2*	22	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
890.2 *2*	†0.9 *3*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
890.2 *5*	0.09 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
890.3 *2*	1.1 *4*	^{98}Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
890.3 *2*	2.57 *20*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
890.3 *3*	2.11 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
890.4 *10*	0.3 *1*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
890.4 *4*	1.26 *10*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
890.5 *2*	10.9 *18*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
• 890.5 *5*	0.0087 *19*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
890.5 *3*	†0.68 *14*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
890.52 *9*	1.77 *17*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
890.54 *8*	0.085 *6*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
890.6 *4*	0.052 *12*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
890.6 *1*	0.71 *23*	^{206}Fr(15.9 s)	575.3(12), 559.0(8.19), 628.6(3.6)
890.6 *2*	0.0170 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
890.64 *5*	1.80 *4*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
890.65 *25*	0.27 *7*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
890.70 *30*	0.95 *8*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
890.7 *3*	0.8 *3*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
890.7 *1*	†0.7 *1*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
890.7 *5*	0.078 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 890.8 *3*	0.138 *15*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
890.8 *4*	0.27 *5*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
• 890.8 *6*	0.016 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
890.82 *22*	†13.1 *10*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
890.87 *18*	2.66 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
890.95 *58*	0.057 *9*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
891.0	4	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
891.0 *5*	0.12 *3*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
891	>0.06	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
891 *1*	0.18 *9*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
891.0 *5*	0.16 *7*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
891.0	†1.5 *2*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
891.0 *3*	9.5 *6*	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 699.0(13.4)
• 891 *1*	†0.0012 *4*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
891.08	0.09 *4*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
891.1 *3*	†2.4 *5*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
891.13 *3*	0.588 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
891.21 *14*	0.10 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
891.28 *4*	5.62	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
891.3 *4*	0.6 *4*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
891.3 *16*	0.34 *19*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
891.3 *2*	0.025 *3*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
891.31 *12*	0.021 *4*	^{88}Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
891.31 *27*	†1.0 *2*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
• 891.37 *8*	0.0028 *4*	^{193}Os(30.5 h)	139.03(4.27), 460.50(3.95), 73.039(3.2)
891.4 *2*	†48	^{101}In(16 s)	252(†100), 750.3(†61), 420.7(†54)
891.4 *3*	4.1 *4*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
891.4 *1*	1.05 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
891.40 *13*	†11.2 *9*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
891.462 *15*	0.25 *3*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
• 891.47 *7*	0.0081 *9*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
891.5 *6*	0.031 *10*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
891.5 *3*	†0.8	^{111}Rh(11 s)	275.4(†100.0), 411.8(†9.42), 230.0(†8.9)
891.5 *3*	1.05 *13*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
891.5 *3*	0.0022 *5*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
891.5 *10*	†100 *11*	^{244}Bk(4.35 h)	217.6(†88), 921.5(†19), 490.5(†15.8)
891.6 *3*	0.23 *7*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
891.6 *3*	0.18 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
891.60 *5*	0.73 *4*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
891.66 *10*	†2.64 *14*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
891.68 *10*	25 *5*	^{94}Ru(51.8 m)	366.94(75), 524.70(1.80), 75.5(>0.08)
891.7 *4*	0.10 *4*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
891.76 *18*	0.174 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
891.8 *3*	0.66 *18*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
891.9		^{108}Rh(16.8 s)	433.937(43), 618.84(15.0), 497.22(5.2)
891.9 *2*	†5.1 *15*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
891.92 *20*	0.70 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
• 891.9800 *6*	0.057 *4*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
891.9800 *6*	0.052 *4*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 891.9800 *6*	0.033 *5*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
892.0 *4*	0.37 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
892.0 *2*	0.29 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
892.06 *20*	0.06 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
892.1 *3*	0.30 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
892.11 *4*	0.028 *7*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
892.15 *20*	0.22 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
892.2 *3*	4.4 *5*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
892.2 *2*	0.54 *6*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
892.21 *8*	0.18 *4*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
892.21	>0.028	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
892.288 *23*	0.091 *3*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
892.3 *2*	0.011 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
892.3 *2*	0.0035 *15*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
892.31 *11*	0.75 *10*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
892.33 *17*	0.371 *19*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
892.4 *2*	0.0110 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
892.47 *10*	1.14 *8*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
892.5 *7*	0.018 *9*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
892.5 *7*	0.020 *8*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
892.5 *3*	0.88 *10*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
892.50 *20*	0.039 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
892.6 *3*	0.46 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
892.6 *1*	†21.2 *8*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
892.6 *4*	0.017 *5*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
892.68 *2*	0.080 *15*	^{92}Sr(2.71 h)	1383.93(90), 953.31(3.52), 430.49(3.28)
892.7 *3*	†8.0	^{149}Ce(5.3 s)	57.7(†100), 380.0(†33.7), 86.4(†20.2)
892.7 *2*	0.073 *13*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
892.7 *7*	1.01 *18*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
892.7 *1*	0.69 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 892.780 *7*	0.518 *4*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
892.780 *7*	3.15 *22*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
892.780 *7*	4.6 *4*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
• 892.79 *7*	0.028 *4*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
892.8 *5*	0.50 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
892.8 *2*	†15 *3*	^{91}Ru(7.6 s)	393.7(†100), 1096.9(†24), 204.0(†6)
892.8 *2*	0.121 *24*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
892.9 *1*	0.070 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
892.9 *6*	0.06 *3*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
893 *1*	37.0 *19*	^{97}Y(1.17 s)	1103.0(92.6), 161.4(71.8), 1091(56)
893.0 *4*	0.045 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
893.0 *2*	0.198 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
893.0 *2*	†3.8 *8*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
893.0 *5*	†0.208 *21*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
893 *1*	0.0027 *6*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 893 *1*	†0.00081 *24*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
893.05 *19*	†7.1 *8*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
893.06 *10*	0.89 *6*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
893.1 *5*	2.02 *17*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
893.1 *1*	10.2 *11*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
893.2 *2*	1.13 *11*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
893.2 *10*	0.25 *4*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
893.28 *10*	2.13 *25*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
893.3	0.0044 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
893.3 *2*	†15.8 *12*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
893.3 *2*	0.026 *7*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
893.34 *23*	0.35 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 893.40 *5*	0.291 *19*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
893.4 *5*	0.05 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
893.408 *5*	0.378 *19*	^{212}Bi(60.55 m)	727.330(6.58), 1620.50(1.49), 785.37(1.102)
893.41 *31*	1.37 *6*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
893.42 *9*	0.40 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
893.42 *7*	0.34	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
893.49 *8*	18.7 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 214.78(14.3)
• 893.5 *1*	8.1 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
893.5 *7*	0.15 *5*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
893.6 *4*	0.17 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
893.6 *3*	0.16 *7*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
893.6 *5*	0.081 *18*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
893.7 *4*	0.126 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 893.73 *3*	66 *3*	^{145}Eu(5.93 d)	653.512(15.0), 1658.53(14.9), 1997.00(7.2)
893.8 *5*	0.18 *4*	^{63}Fe(6.1 s)	994.8(14.0), 1427.2(4.6), 1299.0(1.23)
893.8 *3*	0.30 *8*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
893.8 *2*	†0.43 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
• 893.86 *7*	0.0072 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
893.9 *4*	0.113 *25*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
893.9 *2*	0.159 *24*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
893.9 *5*	0.20 *7*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
894 *2*	0.06	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
894	0.0046	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
894.0 *5*	0.0028 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 894	0.0013	^{172}Er(49.3 h)	610.062(44.2), 407.338(42.1), 68.107(3.29)
894.02 *13*	0.045 *3*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
894.07 *16*	0.078 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
894.1	0.7	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
894.1 *5*	0.26 *18*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
• 894.1 *7*	0.0027 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
894.1 *2*	†31 *3*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
894.26 *4*	9.88 *16*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 894.26 *4*	0.775 *12*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
894.26 *11*	0.26 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
894.26 *11*	0.13 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
894.3 *5*	0.25 *9*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
894.31 *5*	0.0188 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
894.35 *10*	8.4 *4*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
• 894.351 *12*	19.8 *3*	^{232}Pa(1.31 d)	969.315(41.6), 150.059(10.8), 453.655(8.61)
894.351 *12*	0.83 *10*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
894.4 *16*	0.058 *24*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
894.42 *25*	0.016 *5*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
894.48 *4*	7.7 *4*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
894.5 *2*	0.39 *4*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 1614.10(0.26)
• 894.50 *12*	0.030 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
• 894.51 *4*	0.622 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
894.60 *20*	2.7 *3*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
894.6 *1*	1.28 *21*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
894.6	0.49	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
894.6 *2*		^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
894.63 *5*	0.040 *4*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
894.65 *15*	0.78 *8*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
894.7 *2*	0.023 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
894.7 *4*	0.030 *3*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
894.7 *4*	†0.52 *14*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
894.757 *6*	10.7 *3*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
• 894.757 *6*	15.6 *3*	^{184}Re(38.0 d)	903.279(37.9), 792.071(37.5), 111.208(17.1)
• 894.757 *6*	2.75 *10*	^{184}Re(169 d)	252.848(10.7), 216.548(9.43), 920.932(8.14)
894.8		^{110}Te(18.6 s)	605.9, 219.1, 107.5
894.8 *2*	0.00092 *25*	^{123}I(13.27 h)	158.97(83), 528.96(1.39), 440.02(0.428)
894.8 *4*	0.35 *6*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
894.88 *4*	2.10 *16*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
894.9 *3*	0.105 *16*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
894.9 *4*	8.4 *11*	^{104}Sn(20.8 s)	132.7(56), 912.6(42), 401.2(16.2)
894.9 *4*	8.34 *14*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
895.0 *11*	0.78 *22*	^{31}Na(17.0 ms)	2243.9(10.4), 171.1(4.8), 2022.2(3.8)
895.0 *11*	2.6 *6*	^{32}Na(13.2 ms)	171.1(5.4), 221.6(2.6)
895.0 *5*	0.29 *7*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
895.0 *3*	1.72 *14*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
895.0 *3*	†1.0	^{111}Rh(11 s)	275.4(†100.0), 411.8(†9.42), 230.0(†8.9)
895 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
• 895.00 *25*	0.0242 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
895.05 *13*	0.174 *14*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
895.10 *25*	0.145 *17*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
895.1 *5*	0.30 *6*	^{154}Pr(2.3 s)	162.4(15), 932.1(11.7), 70.8(11.22)
• 895.12 *5*	15.66 *16*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
895.18 *3*	4.084 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
895.2 *1*	13.9 *4*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 231.611(12.12)
895.2 *4*	54 *4*	^{173}Er(1.4 m)	199.2(48), 192.8(47), 122.40(20.6)
895.2 *3*	†6.6 *10*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
895.21 *20*	0.14 *3*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
895.3 *2*	0.50	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
895.3 *1*	0.061 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 895.3 *1*	1.7×10^{-6} *5*	^{244}Cm(18.10 y)	42.824(.0044100), 98.860(.0001470), 152.63(<4.9×10^{-7})
895.31 *5*	0.0018	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
• 895.35 *8*	0.140 *15*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
895.4 *3*	1.5 *3*	^{98}Pd(17.7 m)	112.0(58), 662.2(19.7), 106.75(13.9)
895.4 *3*	1.8 *3*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
• 895.4 *3*	7.5×10^{-9} *25*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
• 895.5 *4*	0.0112 *20*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
895.5 *3*	0.111 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
895.7 *2*	0.43 *15*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
895.7 *2*	0.7	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
895.7 *2*	0.13	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
895.8 *2*	0.34 *14*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
895.8 *10*	†8×10^{04} *3*	^{123}In(47.8 s)	125.76(†4.2×10^{7}), 3234(†130000), 1169.8(†100000)
895.8 *1*	13.6 *6*	^{240}Np(61.9 m)	566.34(25.3), 973.9(23.8), 600.57(18.4)
• 895.82 *11*	0.14 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 895.847 *10*	0.647 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
895.9 *3*	0.22 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
895.9 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
895.9 *1*	1.46 *10*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
• 895.99 *20*	0.036 *5*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
896.0 *4*	0.13 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
896.0 *5*	1.6 *8*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
896.0 *5*	†9.7 *10*	^{113}I(6.6 s)	462.5(†100), 622.4(†74), 351.5(†43)
896.0 *3*	0.9 *3*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
896.0 *3*	†2.8 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
896.02 *10*	0.43 *12*	^{134}Te(41.8 m)	767.20(29.0), 210.465(22.3), 277.951(20.9)
896.04 *28*	1.1 *7*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
896.09 *10*	5.0 *13*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
896.09 *10*	0.80 *18*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
896.10 *20*	0.61 *11*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
896.1 *1*	0.058 *10*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
896.1 *4*		^{199}Pb(12.2 m)	366.90(7), 382.8, 2751.9
896.1 *5*	0.0171 *24*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 896.1 *5*	†0.0069 *19*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
896.12 *5*	†2.7 *1*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
896.12 *5*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
896.12 *5*	15	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 884.64(13.9)
896.2 *3*	†12.7 *20*	^{137}Te(2.49 s)	243.3(†100), 554.0(†34), 469.1(†21)
896.20 *17*	†2.1 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
896.22 *12*	0.215 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 896.28 *6*	0.47	^{209}Po(102 y)	
896.3 *5*	0.13 *5*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
896.3 *4*	0.21 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
896.3 *3*	0.15 *7*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
896.33 *18*	†0.26 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
896.37 *10*	0.109 *9*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
896.4 *2*	0.14 *7*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
• 896.42 *3*	0.981 *9*	^{148}Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
896.5 *2*	0.36 *12*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
896.5 *1*	1.45 *16*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
• 896.5 *9*	>0.21	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
896.51 *5*	0.122 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
• 896.531 *12*	0.070 *5*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
896.6 *5*	0.63 *8*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
896.6 *2*	†3.2×10^3 *19*	^{119}In(18.0 m)	1065.55(†80000), 1249.71(†44000), 1163.85(†32000)
896.6 *1*	†8.4×10^3 *9*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
896.61 *9*	0.084 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
896.65 *14*	0.0039 *13*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
896.66 *4*	5.37 *22*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
896.7 *2*	0.050 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
896.7 *2*	0.31 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
896.7 *1*	0.136 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
896.73 *13*	1.56 *24*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
896.87 *12*	0.132 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
• 896.90 *15*	0.69 *10*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
896.9 *5*	†9 *5*	^{106}Nb(1.02 s)	171.548(†100), 350.70(†39), 714.00(†30)
896.9 *5*	†2.0 *3*	^{110}Tc(0.92 s)	240.67(†100), 372.1(†17.0), 613.0(†16.0)
896.9 *3*	13	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 1847.4(11.4)
897 *1*	0.170 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
897.0 *6*	0.48 *10*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
897 *1*	>0.35	^{113}Ag(68.7 s)	316.3(18), 392.3(11), 298.58(10)
897 *1*	0.005 *3*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
897.0 *15*	0.0028 *18*	^{157}Dy(8.14 h)	326.16(92), 182.20(1.84), 83.01(0.62)
897.0 *10*	0.57 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
897.0 *3*	†0.62 *21*	^{194}Bi(92 s)	965.4(†100.0), 575.1(†98.0), 280.1(†73.7)
897.04 *16*	0.021 *5*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
897.05 *30*	0.32 *7*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
897.1 *4*	†0.60 *12*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
• 897.13 *4*	0.0134 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
897.14 *7*	1.00 *5*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
897.2 *5*	0.09 *4*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
897.2 *3*	0.137 *8*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
897.3 *4*	0.091 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 897.3 *4*	0.010 *3*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
• 897.33 *10*	0.008 *1*	^{238}Np(2.117 d)	984.45(27.8), 1028.54(20.3), 1025.87(9.6)
897.33 *10*	0.56 *6*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
• 897.33 *10*	0.000022 *7*	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
897.4	2	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
897.45 *21*	3.1	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
897.45 *14*	0.065 *12*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
897.5 *4*	0.96 *12*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
897.5 *5*	0.38 *16*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
897.5 *2*	†7.7×10^3 *23*	^{119}In(18.0 m)	1065.55(†80000), 1249.71(†44000), 1163.85(†32000)
• 897.59 *5*	0.097 *9*	^{158}Tb(180 y)	944.09(44), 962.06(20.3), 79.5104(11.6)
897.60 *4*	10.3 *5*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 897.60 *4*	0.145 *9*	^{158}Tb(180 y)	944.09(44), 962.06(20.3), 79.5104(11.6)
897.6 *5*	0.15 *4*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
897.603 *11*	0.50 *5*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
897.65 *9*	0.311 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
897.7 *4*	0.8 *7*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
897.80 *5*	0.260 *9*	^{207}Tl(4.77 m)	569.702(0.00159), 328.12(0.00140)
• 897.80 *5*	0.121 *8*	^{207}Bi(31.55 y)	569.702(97.74), 1063.662(74.5), 1770.237(6.87)
897.80 *5*	1.65 *11*	^{211}Po(25.2 s)	1063.662, 569.702
897.80 *5*	0.561 *11*	^{211}Po(0.516 s)	569.702(0.5), 328.12(0.0033)
897.83 *18*	0.031 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
897.848 *7*	28 *8*	^{244}Am(10.1 h)	743.971(66), 153.863(16), 99.383(4.6)
897.9 *1*	0.74 *4*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
897.9 *6*	0.27 *17*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
898.00 *15*	0.96 *10*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
898.0 *5*	0.043 *10*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
898.0 *4*	0.036 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
898.0	0.18	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
898.042 *3*	14.04 *9*	^{88}Rb(17.78 m)	1836.063(21.40), 2677.892(1.96), 1382.406(0.74)
• 898.042 *3*	93.7 *3*	^{88}Y(106.65 d)	1836.063(99.2), 2734.086(0.71), 850.647(0.065)
• 898.06 *16*	0.00018 *5*	^{97}Ru(2.9 d)	215.718(86), 324.48(10.79), 569.31(0.873)
898.1 *3*	0.159 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
898.10 *12*	4.25 *19*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
• 898.1 *3*	1.8×10^{-8} *4*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
898.167 *25*	0.0489 *11*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
898.17 *6*	0.0099 *4*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
898.2 *3*	0.66 *5*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
898.2 *2*	0.0006 *3*	^{123}I(13.27 h)	158.97(83), 528.96(1.39), 440.02(0.428)
898.2 *6*	0.05 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
898.2 *2*	†6.3 *6*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
• 898.37	0.0020 *5*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
898.4 *20*	0.0007 *3*	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 692.03(5.50)
898.4 *3*	0.27 *8*	^{142}Tb(597 ms)	515.0(25), 465.0(2.7), 853.1(2.42)
898.4 *8*	0.0033	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
• 898.4	$\dagger7\times10^{02}$ *3*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
898.5 *5*	0.16 *4*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
898.5 *3*	12.5 *23*	^{98}Cd(9.2 s)	347.18(78), 1176.1(66.3), 107.28(43.7)
898.50 *4*	18.9 *9*	^{100}Sr(202 ms)	963.85(22.0), 65.46(15.2), 10.68(9.7)
898.5 *4*	†1.4 *5*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
898.5 *2*	1.28 *12*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
898.5 *4*	0.07 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
898.5 *4*	†3.0 *5*	^{198}Tl(1.87 h)	636.4(†202), 411.8044(†202), 587.2(†185)
• 898.533 *11*	0.62 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
898.54 *3*	0.138 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
• 898.58 *12*	0.0248 *22*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
898.67 *5*	3.24 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
898.68 *10*	0.254 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 898.68 *10*	5.8 *3*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
898.7 *3*	0.086 *5*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
898.7 *2*	0.82 *4*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
898.7 *2*	0.89 *9*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
898.8 *7*	0.19 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
898.8 *2*	0.162 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 898.83 *10*	0.028 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
898.92 *2*	0.24 *8*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
898.97 *4*	0.34 *5*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
899.0 *4*	0.0123 *25*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
899.0 *3*	0.99 *15*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
899.0 *1*	†1.60 *16*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
899.0 *3*	0.35 *5*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
899.04 *5*	44.8 *25*	^{132}Sn(39.7 s)	340.53(49), 85.58(48.2), 246.87(42.3)
• 899.071 *15*	0.941 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
899.10 *8*	0.678 *22*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
899.124 *11*	0.99 *4*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
899.132 *13*	0.0108 *25*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
899.15 *3*	98 *8*	^{204}Bi(11.22 h)	374.72(82), 984.02(59), 911.78(13.5)
899.2	0.18	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
899.2 *5*	0.20 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
899.2 *2*	†49 *5*	^{130}Sn(1.7 m)	144.9(†100), 84.7(†42), 311.3(†41)
899.3 *5*	0.050 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 899.3 *6*	0.009 *5*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
899.3 *10*	0.034 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
899.32 *3*	4.6 *3*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
899.32 *3*	6.7 *9*	^{132}La(24.3 m)	464.55(22), 663.07(11.6), 285.6(7)
899.38 *5*	0.0075 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
899.39 *6*	2.48 *15*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
899.4 *2*	0.48 *6*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
899.4 *2*	†1	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
899.43	0.0515 *25*	^{42}K(12.360 h)	1524.70(18), 312.6(0.336), 1922.18(0.041)
899.43	0.70 *30*	^{42}Sc(61.7 s)	436.92(100), 1524.70(99.70), 1227.66(99.0)
899.47 *15*	0.20 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
899.5 *3*	0.14 *10*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
899.5 *2*	0.125 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 899.5 *3*	0.039 *7*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
899.5 *4*	0.034 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 899.57 *19*	2.06 *15*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
899.6 *4*	2.44 *24*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
899.6 *3*	†2.6 *3*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
899.7	†6	^{99}Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
899.7	†16.9 *4*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
899.79 *8*	0.133 *13*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
• 899.8 *4*	0.0137 *20*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 899.8 *4*	0.030 *16*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
899.8 *5*	0.025 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
899.80 *18*	0.0038 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
899.9 *10*	0.18 *6*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
899.9 *4*	5.6 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
899.9 *4*	2.7 *6*	^{162}Tm(24.3 s)	811.52(6.5), 798.68(5.2), 227.52(5)
• 899.90 *10*	0.109 *12*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
900.0 *10*	0.22 *6*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
900.00 *5*	0.221 *25*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
900.0 *4*	0.062 *12*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
900 *1*	3.0 *15*	^{174}Re(2.40 m)	243.4(37), 113.0(19.8), 1002.9(5.62)
900.0 *4*	†4.6 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
900.04 *5*	0.327 *19*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
900.1 *4*	0.045 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
900.1 *3*	0.29 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
900.1 *6*	0.27 *3*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
900.15 *5*	0.48 *6*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
900.16 *8*	0.39 *7*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
900.2 *3*	0.27 *7*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
900.2 *3*	0.21 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
900.2 *1*	0.163 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
900.2 *4*	0.68 *10*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
• 900.2	8.0×10^{-6}	^{253}Es(20.47 d)	41.79(0.050), 389.11(0.0264), 387.1(0.00810)
900.3 *5*	0.35 *6*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
900.3 *1*	0.037 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
900.37 *10*	0.160 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 900.37 *10*	0.001	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
• 900.37 *10*	1.2×10^{-6} *5*	^{244}Cm(18.10 y)	42.824(.0044100), 98.860(.0001470), 152.63(<4.9×10^{-7})
900.4 *1*	0.09 *1*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
900.4 *5*	2.52 *24*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
900.41 *5*	0.00252 *25*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
900.5 *4*	0.16 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
900.5 *4*	0.15 *8*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
900.5 *3*	†1.9 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
900.7 *6*	0.44 *7*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
900.7 *5*	0.20 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
900.7 *2*	†0.14 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
900.7 *4*	6.5 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
900.7 *4*	4.0 *8*	^{162}Tm(24.3 s)	811.52(6.5), 798.68(5.2), 227.52(5)
900.7 *10*		^{196}Tl(1.41 h)	426.0(†540), 635.5(†304), 695.6(†243)
• 900.724 *20*	29.8 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 181.528(20.6), 810.064(16.63)
900.73 *10*	0.1504 *22*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
900.79 *4*	0.35 *6*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
900.8 *5*	0.15 *5*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
900.8 *5*	0.28 *5*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
900.8 *3*	†3.2 *6*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
• 900.93 *19*	2.25 *21*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
900.97 *11*	0.121 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
900.97 *10*	0.103 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
900.98 *7*	0.68 *4*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
901.0 *7*	0.155 *15*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
901.0 *4*	0.46 *6*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
901.0 *3*	0.28 *5*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
901.08 *18*	0.110 *14*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
901.1 *1*	0.057 *5*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
901.186 *11*	1.81 *14*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 901.186 *11*	0.092 *6*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
901.23 *15*	0.017 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
901.3 *1*	2.3 *3*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
901.3 *2*	0.094 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
901.3 *2*	0.016 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
901.3 *4*	0.074 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
901.3 *1*	†30 *3*	^{210}Fr(3.18 m)	643.8(†100), 817.6(†60), 203.1(†35)
901.31 *10*	28 *3*	^{108}Rh(6.0 m)	433.937(88), 581.1(60), 947.27(49)
• 901.40 *20*	0.067 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
901.5 *1*	0.58 *14*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
901.5 *3*	0.23 *3*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
901.5 *3*	0.026 *5*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
901.5 *6*	0.41 *16*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
901.505 *32*	0.580 *13*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
901.53 *5*	1.97 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
901.6 *1*	0.128 *10*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
901.61 *10*	0.37 *3*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
901.68 *11*	3.2 *4*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
901.7 *1*	87	^{70}Cu(47 s)	884.9(100), 1251.7(57), 1107.9(7.8)
901.7 *5*	>0.41	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
901.76 *5*	0.60 *4*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
901.79 *15*	0.20 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
901.8	70.4 *20*	^{36}P(5.6 s)	3290.7(100), 1638.2(35.3), 2539.9(17.4)
901.8 *2*	0.114 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
901.8 *3*	0.029 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 901.89 *18*	†0.044 *4*	^{52}Mn(5.591 d)	1434.068(†100.0), 935.538(†94.9), 744.233(†90.6)
901.9 *5*	1.43 *17*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
901.9 *3*	0.38	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
901.9 *3*	1.45	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
• 901.90 *4*	0.129 *5*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
901.9 *8*	0.051 *25*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
901.95 *19*	0.084 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
902 *2*	†10 *3*	^{189}Au(28.7 m)	713.17(†100), 812.68(†63), 447.65(†55)
902.0 *6*	0.010 *3*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
902.0 *5*	8.4 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
902.03 *11*	0.325 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
902.1 *5*	0.113 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
902.15 *17*	†6.2 *13*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
902.16 *15*	†0.40 *3*	^{153}Pm(5.4 m)	35.842(†100), 127.298(†75), 28.309(†34.6)
902.18 *14*	0.102 *24*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
902.18 *22*	1.2 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
902.2 *15*	0.68 *9*	^{212}Fr(20.0 m)	1273.8(46), 227.72(43), 1185.6(14.1)
902.22 *10*	0.435 *21*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 902.24 *4*	0.147 *3*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
902.25 *10*	0.248 *15*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
902.294 *20*	0.083 *5*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
902.3 *1*	5.0 *11*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
902.3 *3*	0.044 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
902.3 *3*	0.32 *9*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
902.32 *12*	3.7 *3*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
902.4 *3*	0.61 *5*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
902.4 *2*	†3.5 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
902.5 *1*	0.19 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
• 902.5	†3.0×10^3 *5*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
• 902.53 *9*	0.247 *9*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
902.6 *1*	0.49 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
902.6 *5*	0.23 *7*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
902.6	1	^{200}Bi(36.4 m)	1026.5(100), 462.34(98), 419.70(91)
902.6 *3*	0.130 *10*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
902.6 *4*	0.0180 *24*	^{235}Pu(25.3 m)	49.10(2.36), 756.4(0.479), 34.23(0.23)
902.6 *3*	0.018 *6*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
902.62 *4*	3.52 *20*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
902.64 *7*	0.032 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
902.7 *3*	0.9 *3*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
902.7 *3*	1.12 *25*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
902.795 *7*	90 *3*	^{180}Re(2.44 m)	103.557(22.2), 825.357(9.9), 749.345(1.12)
902.8 *6*	0.80 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
902.8 *2*	1.59 *8*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
• 902.9 *3*	0.072 *9*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
902.9 *3*	0.40 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
902.99 *7*	0.295 *15*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
903		^{55}V(6.54 s)	517.71(73), 880.70(18.1), 921.10(4.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
903.0 *5*	2.9	^{82}As(13.6 s)	654.6(72), 343.5(58), 1895.4(39)
903.0 *10*	0.13 *4*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
903.0 *5*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
903 *1*	3.7 *15*	^{174}Re(2.40 m)	243.4(37), 113.0(19.8), 1002.9(5.62)
903.0 *1*	3.65 *10*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
903.01 *13*	0.0055 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
903.1	†0.56 *19*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
903.1 *10*	0.50 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
903.1 *5*	†0.71 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
903.2 *6*	0.0046 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
903.2 *3*	2.2 *9*	^{140}Gd(15.8 s)	174.8(76), 749.9(70), 379.0(38)
903.2 *3*	0.122 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
903.279 *7*	15.0 *4*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
• 903.279 *7*	37.9 *6*	^{184}Re(38.0 d)	792.071(37.5), 111.208(17.1), 894.757(15.6)
• 903.279 *7*	3.74 *8*	^{184}Re(169 d)	252.848(10.7), 216.548(9.43), 920.932(8.14)
903.3 *4*	0.47 *6*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
903.3 *3*	1.40 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
903.3 *2*	0.0068 *18*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
903.3 *4*	†100 *6*	^{171}Ho(53 s)	198.6(†88), 279.2(†60), 532.2(†58)
903.4 *19*	0.22 *10*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 903.42 *23*	0.040 *16*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
903.5 *2*	4.7 *23*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
903.5 *6*	>0.13	^{108}Sn(10.30 m)	396.44(64.3), 272.75(45.5), 669.08(22.6)
• 903.5 *5*	0.013 *3*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
903.5 *5*	0.24 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
• 903.5 *5*	0.0032 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
903.5 *3*	0.39 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
903.5 *4*	0.06 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
903.6 *11*	2.3 *4*	^{31}Mg(230 ms)	1613.0(36), 946.8(31.5), 1626.1(24.8)
903.6 *4*	0.08 *3*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
903.6 *1*	0.79 *5*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
• 903.60 *8*	0.57 *4*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 903.62 *10*	0.040 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
903.64 *12*	0.201 *15*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
903.7 *8*	3.3 *7*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
903.7	0.041 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
903.76 *9*	0.61 *3*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
903.8 *10*	†7	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
• 903.831 *15*	0.0422 *22*	^{148}Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
• 903.831 *15*	0.370 *8*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 903.9	0.04	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
904.0 *3*	†1.21 *24*	^{131}Ce(5.0 m)	230.43(†100), 436.85(†7.3), 462.9(†6.9)
• 904.076 *6*	0.898 *5*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
904.1 *4*	0.036 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
904.1 *2*	0.24 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
904.13	0.21	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
904.2 *2*	0.30 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
904.2 *2*	†54.8 *22*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 1186.7(†20.8)
904.20 *5*	0.78 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
904.20 *5*	3.00 *25*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
904.23 *10*	†13.0 *13*	^{200}Au(18.7 h)	497.77(†123), 367.943(†123), 579.298(†121)
904.25 *25*	0.089 *23*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
904.27 *7*	7.2 *4*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 1472.76(6.9)
904.29 *10*	3.0 *3*	^{128}In(0.72 s)	831.54(100), 1168.80(100), 120.54(11.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
904.3 *3*	0.091 *25*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
• 904.306 *55*	0.0083 *6*	^{129}Cs(32.06 h)	371.918(30.60), 411.490(22.31), 548.945(3.40)
904.34 *25*	0.28 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
904.37 *6*	0.30 *5*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
904.37 *15*	0.340 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 904.37 *15*	6.5×10^{-8} *10*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
904.4 *5*	0.013 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
904.4 *9*	0.029 *17*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
904.4 *2*	1.04 *5*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
904.42 *5*	0.0571 *22*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
904.46 *8*	0.91 *6*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
904.5 *2*	21.0 *18*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
904.5 *2*	6.2 *9*	^{132}Pm(6.3 s)	212.5(88), 397.2(23), 610.4(12.3)
904.6 *2*	0.381 *15*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
904.6 *7*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
904.6 *7*	†1.0 *3*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
904.6 *5*	†0.104 *21*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
904.7 *2*	0.10 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
904.7 *2*	0.12 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
904.8 *3*	0.078 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
904.8 *1*	10.8 *6*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
904.95 *18*	0.016 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
904.95 *2*	1.24 *8*	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
905.0 *4*	0.15 *5*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
905.03 *23*	0.37 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
905.1 *2*	†25 *8*	^{108}Sb(7.0 s)	1206.4(†100)
905.1 *2*	†0.55 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
905.1 *4*	†0.34 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
905.2 *3*	0.35 *5*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
905.2 *2*	1.7 *3*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)
905.2 *2*	2.19 *20*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
• 905.22 *22*	0.029 *6*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
905.3	3.5 *11*	^{39}S(11.5 s)	1301.7(52), 1696.5(44), 394.8(37)
905.3 *5*	0.044 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
905.3 *6*	0.40 *6*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
905.4 *4*	0.13 *7*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
905.4 *4*	0.10 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
905.5 *3*	0.14 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
• 905.5 *3*	7.5×10^{-9} *25*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
905.515 *21*	2.45 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
905.53 *26*	0.66 *5*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
905.6 *3*	0.066 *14*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
905.6 *5*	0.51 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
905.6 *2*	0.22 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
905.6 *6*	†23	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
905.7 *3*	0.26 *3*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
905.7 *2*	0.070 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
905.75 *7*	†76 *8*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
905.75 *16*	1.31 *14*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
905.78 *5*	11.4 *10*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
905.8 *3*	0.008 *4*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
905.81 *20*	0.0018 *5*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
905.81 *14*	†42 *6*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
905.87 *2*	1.61 *5*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 905.89 *9*	0.45 *3*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
905.9 *3*	12.5 *13*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
905.9 *8*	2.4 *5*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
905.9 *5*	0.37 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
905.9 *5*	0.54 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 905.9		^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
• 905.99 *6*	0.0119 *6*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
• 906.02 *6*	0.0150 *13*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
906.1 *4*	0.18 *6*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
906.10 *17*	0.07 *3*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
906.13 *11*	0.44 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
906.2	20	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
906.2 *6*	6.0 *8*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
906.2 *3*	†2.1 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
906.26 *8*	0.287 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
906.36	0.054 *7*	^{37}S(5.05 m)	3103.36(94), 3741.02(0.26), 3086.00(0.062)
906.4 *9*	0.13 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
906.4 *7*	0.19 *5*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
906.4 *4*	0.151 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
906.4 *3*	0.50 *12*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
• 906.425 *6*	0.2200 *15*	^{129}Cs(32.06 h)	371.918(30.60), 411.490(22.31), 548.945(3.40)
906.46 *5*	1.52 *10*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
906.49 *17*	0.88 *11*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
906.5 *4*	0.33 *12*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
906.5 *3*	0.103 *24*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
906.6 *3*	†0.31 *10*	^{194}Bi(92 s)	965.4(†100.0), 575.1(†98.0), 280.1(†73.7)
• 906.696 *11*	0.0443 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
906.7 *3*	0.009 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
906.7 *3*	†1.6 *2*	^{129}In(1.23 s)	315.3(†28), 1222.0(†2.5), 1288.5(†1.00)
906.7 *1*	†2.0 *2*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
906.7 *2*	0.20 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
906.70	0.25	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
906.8 *2*	>0.0012	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
906.8	†6 *1*	^{152}Tm(8.0 s)	807.9(†100), 715.9(†13), 672.5(†9.5)
906.8	0.075 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
906.8 *4*	†48 *13*	^{234}Ac(44 s)	1847(†100), 1912(†91), 688.5(†87)
• 906.84 *16*	0.0028 *5*	^{137}Ce(34.4 h)	824.82(0.44), 169.26(0.44), 762.3(0.192)
906.86 *10*	0.560 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 906.87 *3*	0.208 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
906.9 *1*	0.39 *6*	^{94}Sr(75.3 s)	1427.7(94), 723.8(2.40), 703.9(2.13)
906.9 *3*	0.61 *6*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
906.96 *6*	2.11 *25*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
• 906.98 *5*	0.0613 *16*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
906.99 *3*	0.949 *22*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
907.0 *8*	†8.3 *2*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
907 *10*	5.0 *7*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
907.08 *3*	6.6 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 907.1 *1*	0.0013 *4*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
907.2 *4*	9.3 *3*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
907.2 *4*	0.041 *14*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
907.2 *2*	†57 *6*	^{171}Ho(53 s)	903.3(†100), 198.6(†88), 279.2(†60)
907.3 *2*	0.083 *9*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
907.3 *5*	0.59 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
907.3 *3*	8	^{149}Tm(0.9 s)	796.2(18), 158.8(12.3), 416.7(11)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
907.3 *4*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
907.3 *1*	0.048 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
907.3 *3*	0.58 *19*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
907.30 *9*	1.46 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
907.4 *2*		^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
• 907.5 *4*	0.0018 *14*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
907.5	†6	^{148}Cs(158 ms)	141.7(†100), 687.2(†23), 545.5(†20)
907.56 *11*	5.7 *3*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
907.6 *2*	1.32 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
907.6 *2*	†4.3	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
907.6 *3*	0.15 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
907.64 *10*	0.53 *6*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
• 907.67 *10*	0.303 *12*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
907.69 *7*	0.0044 *8*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
907.7 *4*	0.31 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
907.73 *15*	1.0 *3*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
907.84 *5*	0.00013 *7*	^{128}I(24.99 m)	442.901(17), 526.557(1.58), 969.458(0.404)
907.86 *20*	0.066 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
907.89 *6*	0.036 *22*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
907.9	†6.4	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
907.9 *3*	0.635 *13*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
908.0 *3*	4.4 *6*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
908.0 *1*	17.0 *16*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 544.5(16.2)
908.09 *12*	0.45 *5*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
908.10 *10*	0.261 *21*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
• 908.10 *10*	1.8×10^{-6}	^{228}Th(1.9131 y)	84.373(1.266), 215.985(0.263), 131.613(0.1355)
908.12 *20*	0.50	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
908.18 *18*	0.20 *4*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
908.2 *2*	0.0147 *9*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 908.2 *2*	†0.131 *19*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
908.25 *5*	11.6 *3*	^{140}Cs(63.7 s)	602.345(71.1), 1200.25(6.39), 2330.50(4.99)
• 908.26 *11*	0.021 *5*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
908.3 *10*	0.74 *23*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
908.32 *8*	1 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
908.32 *8*	2.3 *3*	^{128}Sb(10.4 m)	753.82(96.4), 743.22(96), 314.12(89)
908.35 *8*	2.32 *17*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
908.39 *8*	1.85 *9*	^{202}Au(28.8 s)	439.59(10.0), 1125.20(2.30), 1306.38(2.25)
908.4 *4*	0.32 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
908.46 *19*	0.0207 *7*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
908.5 *5*	†0.52 *11*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
908.5 *10*	0.40 *24*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
908.5 *5*	0.055 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
908.51 *7*	0.93 *10*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
908.58 *5*	4.3 *5*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
908.58 *5*	99 *7*	^{126}In(1.64 s)	1141.11(100), 111.79(88), 1636.50(29.6)
908.6 *10*	0.148 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
908.6 *1*	1.4 *7*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
908.631 *17*	3.6 *3*	^{61}Co(1.650 h)	67.412(85), 841.211(0.79)
908.631 *17*	1.102 *21*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
• 908.64 *7*	0.122 *16*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
908.64 *7*	55	^{203}Po(36.7 m)	1090.95(19.2), 893.49(18.7), 214.78(14.3)
908.65 *18*	0.084 *13*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
908.7 *4*	0.161 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
908.78 *12*	†108	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
908.8 *2*	†25 *2*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
908.8 *3*	†4.0 *20*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
908.8 *2*	†0.44 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
908.8 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
908.8 *2*	2.60 *15*	^{237}Am(73.0 m)	280.23(47.3), 438.4(8.3), 473.5(4.3)
908.8 *2*	0.218 *20*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
908.9 *3*	7.8 *6*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
908.9 *5*	0.33 *15*	^{121}In(3.88 m)	60.34(20), 1041.1(1.12), 1100.7(0.92)
908.9 *1*	0.218 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
908.9	7.3 *8*	^{145}Tb(29.5 s)	257.8(39), 987.8(37), 537.0(23)
• 908.96 *4*	†1.0×10^6	^{89}Sr(50.53 d)	
• 908.96 *4*	100	^{89}Zr(78.41 h)	1713.06(0.763), 1744.52(0.129), 1657.28(0.107)
909.0 *4*	0.040 *7*	^{97}Nb(72.1 m)	658.08(98), 1024.49(1.09), 1268.68(0.148)
909.0 *4*	0.088 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
909.00 *8*	0.09 *3*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
909.03 *3*	2.71 *9*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
909.05 *24*	2.2 *4*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
909.09 *6*	0.122 *6*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
909.10 *8*	1.36 *15*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
909.1 *2*	†2.9 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
909.1 *5*	0.38	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
909.12 *12*	0.00133 *25*	^{123}I(13.27 h)	158.97(83), 528.96(1.39), 440.02(0.428)
909.2 *2*	2.02 *9*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
909.2 *4*	0.22 *4*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
909.23 *5*	24.0 *17*	^{141}Xe(1.73 s)	118.705(16.1), 105.937(9.8), 459.30(5.5)
909.27 *8*	0.0095 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
909.3	†3.8	^{107}Mo(3.5 s)	400.3(†100), 65.7(†>92), 384.4(†57.6)
909.3	0.115 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
909.3 *3*	0.29 *7*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
909.3 *4*	†1.7 *4*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
909.33 *15*	0.11	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
909.40 *20*	0.35 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
909.6 *2*	0.29 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
909.63 *4*	1.28 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
909.67 *3*	0.214 *8*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
• 909.68 *15*	0.034 *9*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
909.7 *2*	0.51 *5*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
909.7 *3*	0.39 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
909.7 *3*	0.93	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
• 909.70 *6*	0.65 *5*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
909.8 *3*	†6.6 *16*	^{105}Nb(2.95 s)	94.8(†100), 246.9(†79), 309.9(†41.9)
909.82 *15*	2.03 *20*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
• 909.847 *18*	0.0703 *15*	^{121}Te(154 d)	1102.149(2.54), 37.138(0.94), 998.291(0.0796)
910.0 *3*	0.200 *16*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
910.0 *5*	0.12 *4*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
• 910.00 *3*	4.30 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
910.0 *7*	0.12 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
910.0 *1*	0.27 *6*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
910 *1*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
910	0.029 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
910 *30*	3.0 *20*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1316(21)
910 *1*	0.00081 *18*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 910 *1*	†0.0010 *4*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
910 *1*	†2.6 *4*	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
910.1 *4*	0.081 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
910.1 *3*	0.44 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
910.1 *2*	0.93 *3*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
910.1 *3*	7.6 *4*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
910.1 *2*	1.8 *3*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
910.1 *3*	0.164 *5*	^{235}Pu(25.3 m)	49.10(2.36), 756.4(0.479), 34.23(0.23)
910.1 *1*	0.140 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
910.12 *10*	0.184 *15*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
910.18 *8*	0.81 *5*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
910.2 *1*	0.581 *23*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
910.2 *1*	3.24 *12*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
910.27 *8*	7.8 *6*	^{71}Zn(2.45 m)	511.56(32), 389.88(3.8), 121.51(3.0)
910.27 *8*	0.31 *3*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
910.3 *5*	0.42 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
910.3 *5*	0.23 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
910.35 *5*	0.00023 *6*	^{135}La(19.5 h)	480.51(1.5), 874.51(0.164), 587.83(0.1108)
• 910.4 *2*	0.56 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
910.4 *4*	0.94 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
910.4 *10*	0.0028	^{157}Dy(8.14 h)	326.16(92), 182.20(1.84), 83.01(0.62)
910.46 *20*	1.39 *14*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
• 910.47 *11*	0.068 *4*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
910.5 *9*	0.034	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
910.5 *4*	1.91 *8*	^{73}Zn(23.5 s)	218.1(6.00), 495.6(1.48), 1612.9(0.92)
910.6 *3*	0.26 *7*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
910.63 *15*	0.063 *12*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
910.7 *8*	0.05 *3*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
910.7 *4*	†1.7 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
910.7 *5*	0.07 *1*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
• 910.8 *10*	0.043	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
910.8 *5*	0.06 *3*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
• 910.8 *3*	0.0412 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
910.87 *10*	0.40 *4*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 910.87 *3*	0.087 *3*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
910.88 *4*	0.068 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 910.88 *4*	0.086 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
910.9 *3*	0.28 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
910.9 *2*	0.16 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
910.91 *14*	0.143 *16*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
910.92 *2*	3.1 *3*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 914.68(3.0)
910.93 *6*	3.1	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
910.93 *6*	0.31	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
911.0 *10*	0.12 *3*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
911.0 *5*	0.70 *8*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
911.0	†3.0	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)
911	0.00093 *19*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
911.0 *1*	0.215 *11*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
911.0 *7*	1.90 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
911.1 *2*	0.15	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
911.1 *5*	0.19 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
911.1 *5*	†0.30 *8*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
911.1	†19	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
911.2 *4*	1.7 *3*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
911.2 *2*	0.18 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
911.2 *4*	3.6 *5*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
911.205 *4*	26.6 *7*	^{228}Ac(6.15 h)	968.971(16.2), 338.322(11.3), 964.770(5.11)
911.205 *4*	4.19 *7*	^{228}Pa(22 h)	463.005(1.250), 964.770(4.25), 968.971(3.88)
• 911.25 *15*	0.0257 *25*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
911.3 *5*	†4.9 *12*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
911.3 *3*	9.21 *24*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
911.3	0.016	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
911.40 *10*	1.00 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
911.4 *1*	0.20 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
911.4 *4*	0.58 *12*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
• 911.4 *1*	0.0116 *10*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
911.49 *6*	0.046 *6*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
911.53 *12*	0.00188 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
911.57 *12*	0.09 *3*	^{101}Tc(14.22 m)	306.85(88), 545.06(6.0), 127.23(2.86)
• 911.58 *3*	0.0025 *5*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
911.6 *3*	0.33 *3*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
911.647 *13*	0.0970 *12*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
911.7 *4*	0.028 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
911.70 *21*	0.068 *17*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
911.7 *5*	0.09 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
911.70	0.22	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 911.7 *3*	1.4×10^{-8} *4*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
911.78 *7*	13.5 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
911.79 *9*	16.95 *24*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 405.75(9.7)
911.8 *4*	0.021 *6*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
911.80 *15*	0.37 *6*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
• 911.89 *17*	0.060 *5*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
911.9 *2*	0.114 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
911.9 *1*	0.059 *7*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
911.9 *4*		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
911.91 *8*	0.153 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
911.953 *14*	1.01 *11*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
912.0 *10*	0.93 *20*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
912.0 *3*	0.08 *3*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
912.0 *1*	1.55 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
912.0 *4*	0.083 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
• 912.0 *5*	0.0068 *19*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
912.02 *20*	†20.3 *10*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
• 912.125 *25*	1.42 *4*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 912.125 *25*	15.25 *25*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
912.2 *5*	0.25 *2*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
912.2 *2*	3.48 *24*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 2009.5(3.4)
912.2 *2*	†3.4 *10*	^{132}Pr(1.6 m)	325.5(†100), 496.9(†25), 822.4(†17.3)
912.2 *5*	0.16 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
912.2 *3*	0.092 *14*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
912.22 *5*	11.1 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
912.25 *6*	0.041 *8*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
912.3 *6*	0.062 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
912.3 *4*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
912.4 *4*	0.12 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
912.4 *4*	0.104 *7*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
• 912.4 *3*	0.021 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 912.4	†2.5×10^3 *5*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
912.47 *6*	0.219 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
912.5 *6*	0.0046 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
912.50 *14*	0.055 *11*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
912.5 *2*	0.12 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
912.5 *4*	0.102 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
912.51 *7*	0.328 *19*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
912.6 *4*	42 *5*	^{104}Sn(20.8 s)	132.7(56), 401.2(16.2), 1407.3(15.1)
• 912.60 *5*	6.25 *8*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
912.6 *5*	†8 *2*	^{130}Sn(1.7 m)	144.9(†100), 899.2(†49), 84.7(†42)
912.6 *5*	0.077 *5*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
912.6 *3*	†0.95 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
912.671 *4*	0.06 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
912.671 *4*	55.28 *17*	^{133}Te(55.4 m)	647.51(19.4), 863.955(15.6), 914.774(10.94)
912.7 *7*	0.07 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
912.7 *3*	1.8 *3*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
912.73 *9*	0.63 *6*	^{92}Y(3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
• 912.73 *9*	1.78 *10*	^{92}Nb(10.15 d)	934.46(99), 1847.27(0.85), 1132.24(0.005)
912.74 *17*	1.55 *11*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
912.8 *4*	0.071 *24*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
912.8 *4*	0.037 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
912.8 *2*	0.88 *8*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
912.8 *3*	0.86 *13*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
912.9 *2*	0.58 *5*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
912.9 *5*	†4.0 *12*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
912.95 *4*	4.79 *18*	^{187}Ir(10.5 h)	427.12(4.12), 400.89(3.94), 610.68(3.93)
913.0 *7*	0.034 *11*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
913 *3*	0.12 *4*	^{185}Ta(49.4 m)	177.59(25.7), 173.68(22.6), 65.86(3.9)
913.06 *15*	1.08 *23*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
913.1 *5*	0.023 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
913.119 *20*	0.268 *5*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
913.2 *1*	†13.6 *4*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
913.2 *2*	5.0 *10*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 66.4(5.0)
913.2 *3*	0.53 *8*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
913.2 *10*	†2.5	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
913.2 *1*	0.26 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
913.3 *2*	0.73 *6*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
913.3 *9*	0.022 *22*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
913.31 *9*	0.134 *8*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
913.38 *20*	0.26 *3*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
913.4 *3*	0.48	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
913.4 *3*	0.51 *11*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
913.4 *5*	0.101 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
913.4 *5*	0.58 *22*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
913.41 *15*	2.0 *4*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
913.45 *14*	2.2 *3*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
913.5 *5*	0.45 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
913.5	0.135 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
913.6 *5*	0.53 *6*	^{63}Co(27.4 s)	87.13(48.7), 981.7(2.11), 155.6(1.60)
913.6 *5*	0.14 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
913.6 *3*	0.00045 *6*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
913.65 *25*	0.105 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
913.7 *6*	0.101 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
913.7 *2*	0.088 *12*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
913.7 *2*	0.098 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
913.72 *9*	0.19 *9*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
• 913.79 *9*	0.061 *14*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
913.8 *5*	0.0028 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
913.81 *3*	0.365 *8*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
913.85 *9*	1.1 *2*	^{59}Zn(182.0 ms)	491.13(4.8), 422.6(<0.2)
913.9 *4*		^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
913.9	0.7	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
913.91 *10*	0.014 *5*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
913.93 *11*	9.0 *5*	^{85}Y(2.68 h)	231.67(84), 504.45(60), 409.5(0.84)
914.0 *5*	0.011 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
914.0 *2*	0.28 *7*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
914.0 *4*	0.11 *6*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 914.07 *2*	0.0463 *9*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
914.1 *2*	0.36 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
914.1 *2*	3.5 *2*	^{136}I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
914.1 *5*	1.51 *8*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
914.15 *7*	0.296 *10*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
914.2 *3*	†0.23 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
914.28 *4*	1.02 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
914.3 *1*	5.14 *19*	^{73}Br(3.4 m)	64.9(37.0), 336.0(10.4), 699.8(9.1)
914.3 *3*	0.33 *7*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
914.3 *3*	0.26 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
• 914.4 *2*	0.583 *21*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
914.47 *5*	4.13 *16*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
914.47 *5*	>0.15	^{81}Ga(1.222 s)	659.14(5), 1573.57(>0.15)
914.5 *10*	0.13 *4*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
914.5 *4*	3.8 *16*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
914.5 *2*	†7.0 *21*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
914.6 *5*	20.0 *11*	^{129}Sb(4.40 h)	812.8(43), 544.7(17.9), 1030.1(12.6)
914.6 *3*	†0.31 *5*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
914.68 *4*	3.0 *3*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
914.7 *5*	†0.8 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 914.7 *6*	0.015 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
914.7 *1*	1.16 *7*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
914.73 *13*	3.02 *12*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 1266.50(2.41)
914.774 *12*	0.69 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
914.774 *12*	10.94 *22*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
• 914.8 *5*	0.007 *3*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
914.8 *5*	0.075 *8*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
914.8 *2*	4.0 *4*	^{124}Cs(30.8 s)	353.9(40), 492.6(3.6), 846.9(1.19)
914.8 *3*	0.13 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
914.81 *5*	78.1 *17*	^{86}Nb(88 s)	751.74(97.8), 1003.24(37.4), 670.01(14.9)
• 914.85 *3*	11.46 *9*	^{148}Pm(5.370 d)	1465.12(22), 550.284(22.00), 611.293(1.021)
914.9 *3*	0.42 *6*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
914.9 *4*	1.8 *4*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
914.9 *7*	†5.0 *9*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
914.944 *6*	0.91 *4*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 914.944 *6*	2.997 *16*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
914.97 *19*	†5.8 *13*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
915.0	60	^{96}Y(9.6 s)	1750.42(89), 617.1(56), 1106.88(49)
915.0 *3*	†2.8 *4*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
915.0 *4*	1.4 *4*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
915.0 *3*	3.5 *3*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
• 915.0 *1*	0.031 *3*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
915.04 *19*	0.102 *20*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
915.10 *12*	1.12 *6*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
915.1 *2*	0.083 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
915.2 *2*	1.03 *6*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
915.2 *3*	0.149 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
• 915.28 *12*	0.016 *7*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
915.30 *12*	†0.43 *5*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
915.3	7.8 *11*	^{179}Pt(21.2 s)	171.7(16), 193.1(14.2), 99.8(13.2)
• 915.331 *8*	17.10 *18*	^{148}Pm(41.29 d)	550.284(94.5), 629.987(89), 725.673(32.7)
• 915.331 *8*	2.60 *6*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
915.35 *20*	2.7 *3*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
915.35 *9*	0.0021 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
915.44 *16*	0.0153 *10*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
915.5 *2*	0.23 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
• 915.5 *3*	9.0×10^{-6} *3*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
915.5 *3*	0.057 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 915.55 *5*	4.13 *16*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
915.6 *5*	0.05 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
915.6 *2*	0.25 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
• 915.7 *5*	0.17 *5*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
915.7 *4*	0.0102 *15*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
915.7 *6*	0.16 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
915.8 *1*	0.601 *12*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
915.80 *13*	0.0514 *18*	^{137}Ce(9.0 h)	447.15(1.8), 10.6(0.8), 436.59(0.265)
915.8 *7*	0.07 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
915.8 *4*	0.022 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
915.93	0.005 *4*	^{39}Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
915.98 *9*	1.22 *10*	^{240}Np(61.9 m)	566.34(25.3), 973.9(23.8), 600.57(18.4)
915.98 *9*	1.02 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 915.98 *9*	0.087 *6*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
916.0 *2*	6.5 *25*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
916.10 *15*	7.6 *4*	^{94}Tc(293 m)	871.082(100), 702.626(99.6), 849.74(95.7)
916.2 *7*	0.10 *6*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
916.3 *3*	0.28 *3*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
916.3 *4*	0.11 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 916.4	0.032 *6*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
916.5 *5*	0.082 *19*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
916.5 *4*	1.20 *12*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
• 916.5 *5*	0.022 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
916.5 *5*	0.18 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
916.5 *2*	0.024 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
916.53 *5*	4.3 *3*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
• 916.65	0.099 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
916.69 *22*	7.3 *11*	^{103}In(65 s)	187.97(55), 720.32(13.9), 739.95(10.1)
• 916.710 *29*	0.87 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 916.75 *25*	0.125 *14*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
916.8 *3*	0.6 *5*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
916.81 *9*	0.205 *20*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
916.9 *3*	1.52 *15*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
916.9 *3*	0.055 *15*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
• 916.90	0.067 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
916.9 *3*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
916.9 *10*	0.23 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 916.91 *10*	0.132 *4*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
917.0 *4*	0.16 *5*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
917 *2*	†2.7	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 917.0 *5*	0.052 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
917.00 *10*	0.87 *10*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
917.0 *5*	0.14	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
917.0 *3*	1.37 *8*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
917.0 *5*	0.08 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
917.05 *13*	0.065 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
917.1 *2*	0.18 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
917.13 *6*	0.92 *4*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
917.13 *20*	0.59 *6*	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
917.15 *27*	1.14 *6*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
917.16 *6*	4.4 *5*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
917.3 *4*	0.32 *11*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
917.3 *5*	†5.5 *9*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
917.3	†5.5	^{198}Bi(693 s)	1063.5(†100), 197.6(†80), 562.4(†79)
917.3 *5*	0.067 *13*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
917.4	0.055 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
917.4 *3*	0.14 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
917.4 *2*	0.035 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
917.41 *7*	0.0031	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
917.44 *16*	0.48 *7*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
917.44 *16*	0.044 *8*	^{150}Eu(12.8 h)	333.971(4.0), 406.52(2.81), 1165.739(0.257)
• 917.45 *17*	0.0128 *22*	^{137}Ce(34.4 h)	824.82(0.44), 169.26(0.44), 762.3(0.192)
917.47 *5*	0.23 *3*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
917.5 *2*	1.2 *11*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
917.5 *1*	0.68 *5*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
917.51 *16*	0.43 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
917.59 *22*	0.19 *3*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
917.6 *2*	5.3 *5*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
• 917.6 *3*	0.09 *4*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
917.6 *3*	†3.0 *6*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
917.7 *5*	0.149 *21*	^{116}Te(2.49 h)	93.70(31.4), 628.63(3.22), 102.97(1.95)
917.7 *3*	†0.22 *6*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
917.78 *20*	0.074 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
917.79 *15*	†19 *3*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
917.8 *5*	0.034 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 917.90 *20*	0.087 *16*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
917.9 *3*	0.052 *11*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
918 *1*	6 *3*	^{140}Gd(15.8 s)	174.8(76), 749.9(70), 379.0(38)
918.0 *5*	0.034 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
918.1 *3*	0.25 *3*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
918.15 *7*	10.8 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
918.18 *7*	0.82 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
• 918.2		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
918.2 *2*	†5.0 *5*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
918.29 *15*	0.00062 *15*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
918.3 *2*	0.583 *14*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
918.3 *3*	†6.1 *15*	^{147}Ho(5.8 s)	189.1(†100), 883.9(†100), 486.7(†61)
• 918.3	0.022	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
918.3 *1*	11 *1*	^{211}Fr(3.10 m)	539.9(20), 281(6.8), 983(4.0)
918.39 *5*	1.06 *7*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
918.4	0.43	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
918.4 *1*	0.099 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
918.48 *10*	0.287 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 918.48 *10*	8.2 *4*	^{230}Pa(17.4 d)	951.95(1.65), 454.95(6.27), 898.68(5.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
918.50 *10*	6.9 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
918.6 *1*	0.075 *5*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
918.6 *3*	†1.9 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
918.68 *10*	0.198 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
• 918.69 *4*	0.59 *2*	^{238}Np(2.117 d)	984.45(27.8), 1028.54(20.3), 1025.87(9.6)
918.69 *4*	23.0 *14*	^{238}Am(98 m)	962.77(28), 561.11(10.9), 605.13(7.6)
• 918.69 *4*	5.4×10^{-7} *20*	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
918.7 *3*	0.069 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
918.7 *4*	0.101 *19*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
918.7 *3*	†1.59 *23*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
• 918.7 *3*	8.0×10^{-9} *3*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
918.74 *5*	56	^{94}Y(18.7 m)	1138.88(6.0), 550.88(4.9), 1671.41(2.46)
918.76 *4*	8.08 *17*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
918.8 *2*	0.270 *18*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
918.9 *5*	0.7 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
918.9 *2*	†4.1 *4*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
918.9 *5*	<0.007	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
918.97 *10*	0.028 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
919.0 *10*	0.79 *17*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
919.0 *2*	0.12 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
919	†0.10 *1*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
919.0 *2*	0.27 *3*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
919.06 *8*	0.65 *3*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 1727.02(0.381)
919.1 *2*	0.094 *16*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
919.18 *10*	0.29 *2*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
919.2 *5*	0.11 *3*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
919.23 *20*	0.29	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
• 919.24	0.0123 *6*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
919.28 *7*	4.2 *3*	^{121}In(23.1 s)	925.57(87), 261.96(7.9), 657.32(7.1)
919.3 *3*	0.86 *3*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
919.3 *4*	0.14 *4*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
• 919.3 *7*	0.0018 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
919.3 *2*	0.141 *24*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
919.3 *2*	†0.77 *11*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
919.38 *24*	0.14 *6*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
919.401 *8*	0.35 *3*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
919.401 *8*	1.29 *11*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 919.401 *8*	0.436 *10*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
919.41 *62*	0.06 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
919.5 *3*	0.34 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 919.550 *23*	2.66 *3*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
919.6 *8*	0.33 *9*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
• 919.60 *9*	0.0089 *5*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
919.71 *10*	0.012	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
919.8 *9*	†0.010 *5*	^{85}Sr(67.63 m)	151.159(†1272), 129.820(†15), 731.812(†1.45)
919.8 *3*	0.27 *14*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
919.93 *12*	0.102 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
919.97 *15*	0.25 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
920.0 *4*	0.76 *4*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
920.0 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
920		^{190}Ir(3.25 h)	616.08(93.10), 502.53(92.31), 361.136(89.57)
920.0 *4*	†6.1 *17*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
• 920.0 *5*	†0.00075 *19*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
• 920.0 *10*		^{233}U(1.592×10^5 y)	42.44(0.0862), 97.134(0.020), 54.699(0.0182)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
920.1 *7*	0.105 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
920.1 *1*	†1.20 *12*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
920.13 *17*	0.61 *6*	^{209}Tl(2.20 m)	1567.09(99.8), 465.130(96.9), 117.211(84.3)
920.2 *3*	0.07 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
920.2 *9*	†1.10 *17*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
• 920.24 *8*	0.040 *4*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
920.25 *2*	0.178 *20*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
920.25 *10*	1.16 *10*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
920.26 *4*	0.55 *3*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
920.28 *20*	0.28 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
920.29 *11*	0.163 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
920.3 *2*	0.0039 *16*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
920.32 *8*	0.117 *18*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
920.347 *24*	0.0179 *9*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
920.4 *1*	0.0019 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
920.4 *2*		^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
• 920.41 *21*	0.051 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
920.5 *3*	0.21 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
920.5 *2*	†8×10^{03} *3*	^{119}In(18.0 m)	1065.55(†80000), 1249.71(†44000), 1163.85(†32000)
920.5	†100	^{130}Ce(25 m)	1072.6(†100), 997.7(†100), 851.5(†80)
920.5	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
920.5 *5*	0.24	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
920.5 *5*	1.3 *3*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
920.5 *3*	0.60 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
920.5 *2*	0.029 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 920.553 *7*	0.303 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
920.57 *4*	0.486 *20*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
• 920.62 *5*	1.57 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
920.63 *3*	0.0193 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
920.63 *8*	0.44 *9*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
920.7 *3*	0.11 *4*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
920.7 *4*	1.39 *14*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
920.7 *2*	0.66 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
920.7 *1*	0.085 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
920.710 *5*	0.146 *3*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
920.8 *5*	0.068 *20*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
920.8 *8*	0.07 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
920.85 *3*	0.094 *11*	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 692.03(5.50)
920.87 *8*	0.0028	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
920.9 *4*	0.6 *3*	^{102}Cd(5.5 m)	481.0(63), 1036.6(12.8), 505.1(9.6)
920.932 *9*	32.0 *8*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 111.208(23.7)
• 920.932 *9*	8.14 *12*	^{184}Re(169 d)	252.848(10.7), 216.548(9.43), 161.269(6.49)
920.94 *4*	0.108 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
920.98 *7*	0.52 *4*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
921.0 *2*	0.28 *4*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
921.01 *5*	4.0 *4*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
921.04 *9*	0.0711 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
• 921.04 *22*	0.023 *5*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
921.10 *12*	4.6 *5*	^{55}V(6.54 s)	517.71(73), 880.70(18.1), 565.88(4.50)
• 921.1 *2*	0.016 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
921.1 *3*	0.29 *4*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
921.1 *1*	0.075 *10*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
921.1 *4*	0.26 *7*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
921.17 *30*	0.85 *7*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
921.17 *30*	0.210 *16*	^{150}Eu(12.8 h)	333.971(4.0), 406.52(2.81), 1165.739(0.257)
921.19 *10*	0.227 *17*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
921.20 *24*	0.30 *7*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
921.2 *1*	0.169 *11*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
921.2 *6*	0.66 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
921.20 *8*	0.20 *4*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
921.2 *2*	0.4 *1*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
921.3 *3*	0.42 *10*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
921.3 *4*	†1.30 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
921.3 *4*	4.3 *5*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
921.31 *13*	0.56 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
921.36 *6*	6.1	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
921.36 *6*	2.8	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
921.4	12.9 *20*	^{36}Si(0.45 s)	175.0(68), 249.9(68), 878.2(44)
921.4 *6*	0.024 *5*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
921.4 *6*	0.9 *3*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
921.4 *2*	†2.6×10^3 *10*	^{119}In(18.0 m)	1065.55(†80000), 1249.71(†44000), 1163.85(†32000)
• 921.43 *5*	0.0825 *19*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
921.44 *6*	0.147 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
921.5 *3*	0.070 *9*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
921.5 *7*	0.48 *10*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
• 921.5 *3*	†1.9×10^3 *4*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
921.5 *10*	†19 *3*	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 490.5(†15.8)
921.59 *5*	2.25 *13*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 921.6 *4*	0.0009 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
921.6 *1*	0.444 *12*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
921.6 *4*	0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
921.62 *5*	0.478 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
921.7 *1*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
921.70 *10*	†0.269×10^2 *14*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
921.74 *17*	0.54 *10*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
921.8 *3*	1.23 *14*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
921.80 *20*	0.32 *7*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
921.90 *30*	0.11 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
921.9 *4*	0.7 *3*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
921.9 *5*	0.25 *6*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
• 921.94 *4*	0.0172 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
921.96 *6*	6.1 *5*	^{86}Nb(88 s)	751.74(97.8), 914.81(78.1), 1003.24(37.4)
921.98 *10*	0.0152 *21*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
921.98 *10*	>0.6	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
922.0 *3*	0.14 *5*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
922	0.8	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
922 *1*	0.12 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
922.0 *3*	0.079 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 922.1 *7*	0.0014 *7*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
922.1 *9*	0.39 *12*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
922.1 *9*	0.51 *12*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
922.2 *2*	0.070 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
922.23 *18*	†0.87 *13*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
• 922.26 *7*	0.053 *3*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
922.3 *4*	0.07 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
922.3 *1*	1.3 *5*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
922.3 *1*	7.2 *22*	^{100}Ag(2.24 m)	665.54(86), 750.67(>26), 1693.9(14.7)
922.3 *3*	0.57 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 922.33 *8*	0.121 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
• 922.36 *12*	0.0027 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
922.4 *1*	0.063 *14*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
922.4 *3*	0.25 *3*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
922.5 *5*	0.06	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
922.50 *5*	1.35 *15*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
922.50 *20*	0.186 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
922.6 *3*	0.23 *13*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
922.6 *3*	0.18 *10*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
922.6 *3*	0.14 *3*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
922.70 *11*	0.33 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
922.7 *6*	0.20 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
922.7 *2*	0.0012	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
922.75 *9*	1.15 *25*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
922.92 *8*	2.33 *12*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
923		^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
923 *1*	†25 *4*	^{116}Xe(56 s)	104.5(†100), 310.7(†42), 247.7(†40)
923.0 *5*	2.38 *7*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
923.0 *7*	0.029 *15*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
923.0 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 923.0 *2*	0.041 *3*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
923.0 *2*	0.94 *10*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
923.0 *6*	0.051 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
923.05 *8*	0.308 *19*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
923.08 *3*	0.00093 *19*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
923.1 *3*	0.084 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
923.1 *3*	0.014	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
923.12 *6*	5.6 *6*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
923.14 *3*	0.690 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
• 923.15 *19*	0.0059 *13*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
923.2 *1*	6.9 *4*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
923.2 *6*	0.13 *6*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
• 923.267 *19*	0.307 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
• 923.267 *19*	>0.31	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
923.29 *20*	8.1 *8*	^{54}V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
923.3 *5*	0.00018 *3*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
923.3 *5*	6.9 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
923.3 *1*	0.04 *1*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
923.37 *13*	0.020 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
923.39 *22*	0.95 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
• 923.4 *2*	0.15 *3*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
923.4 *3*	1.33 *13*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
923.4 *3*	1.3 *3*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
923.5 *2*	10	^{102}In(24 s)	776.6(100), 861.1(96), 593.1(30)
923.59 *5*	0.013 *6*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
923.7 *4*	0.0062 *25*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
923.8		^{130}Pr(40.0 s)	951.9, 499.0, 1405
• 923.87 *2*	0.721 *9*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
923.874 *23*	0.101 *8*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
923.9 *7*	6.2 *7*	^{117}Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
923.9 *1*	0.0075 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
923.9 *2*	0.0225 *12*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
923.94 *8*	0.7	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
923.96 *20*	0.43 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 923.98 *2*	2.86 *9*	^{238}Np(2.117 d)	984.45(27.8), 1028.54(20.3), 1025.87(9.6)
924 *1*		^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
924.0 *5*	0.037 *16*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
924.0 *3*	0.41 *6*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
924.0 *4*	1.21 *20*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
924.0 *10*	0.27 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 924	0.05	^{238}Np(2.117 d)	984.45(27.8), 1028.54(20.3), 1025.87(9.6)
924.04 *30*		^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
924.07 *9*	0.071 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
924.1 *2*	†0.7 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
924.12 *16*	0.73 *6*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
• 924.12 *5*	2.41 *16*	^{252}Es(471.7 d)	785.09(18.3), 139.03(13.9), 102.32(1.88)
924.21 *11*	0.0119 *17*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
924.22 *18*	0.142 *4*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
924.3 *5*	0.0098 *20*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
• 924.4 *9*	0.51 *7*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
924.4	0.015 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
924.4 *4*	0.34 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 924.5 *20*	>6.0×10^{-5}	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
924.5 *6*	0.162 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
924.5 *4*	3.5 *17*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 1098.0(12)
924.54 *8*	†4.02 *11*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
• 924.55 *3*	0.0623 *21*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
924.55 *3*	1.41 *14*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
924.55 *3*	>0.07	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
924.55 *3*	0.35	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
924.55 *12*	0.00188 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
924.58 *4*	7.45 *25*	^{146}La(6.27 s)	258.47(64), 702.28(6.43), 666.07(6.18)
924.6 *5*	0.2	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
924.63 *8*	1.63 *8*	^{85}Br(2.90 m)	802.41(2.56), 919.06(0.65), 1727.02(0.381)
924.7 *3*	7	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
924.7 *7*	0.12 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
924.7 *1*	2.3 *3*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
• 924.75 *3*	0.315 *8*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
924.76 *7*	0.279 *22*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
924.8 *6*	†11 *5*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
924.8		^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
924.9 *1*	0.33 *4*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
924.9 *4*	2.3 *5*	^{148}Er(4.6 s)	1311.8(8.9), 244.0(7.1), 315.3(6.9)
924.96 *8*	0.076 *6*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
925.0 *1*	0.226 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
925.0 *3*	9	^{128}Cd(0.34 s)	247.92(75), 857.05(71), 68.02(29)
925	†19 *3*	^{160}Eu(38 s)	173.19(†100), 513.6(†60), 412.56(†56)
925.0	0.31	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
925.0 *1*	7.8 *5*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
925.0 *3*	0.009 *3*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
925.04 *15*	1.44 *12*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
925.04 *3*	4.98 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
925.1 *5*	0.24 *4*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
925.1	0.51	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
• 925.189 *21*	6.90 *7*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
925.189 *21*	0.0260 *25*	^{140}Pr(3.39 m)	1596.210(0.50), 306.9(0.151), 751.637(0.032)
925.2 *3*	†2.3 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
925.2 *7*	0.12 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
925.22 *5*	0.0127 *8*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 925.22 *5*	0.288 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
925.24 *5*	4.56 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 879.876(1.29)
925.29 *23*	0.090 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
925.3 *3*	69 *14*	^{146}Ho(3.6 s)	682.9(100), 673.7(55), 237.2(52)
925.4 *3*	32	^{109}Sb(17.0 s)	1062.8(23.9), 664.5(20.1), 1495.8(9.6)
925.4 *4*	0.014 *5*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
925.4 *10*	0.017 *9*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
925.47 *20*	0.72 *8*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
925.47 *20*	0.064 *7*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
925.49 *9*	0.222 *16*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
925.5 *2*	†2.2 *6*	^{103}Nb(1.5 s)	102.64(†100), 641.1(†55), 538.5(†34.0)
925.5 *4*	0.045 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
925.5 *1*	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
925.5 *1*	0.1184 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 925.51 *6*	0.121 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
925.55 *7*	1.45 *17*	^{134}Te(41.8 m)	767.20(29.0), 210.465(22.3), 277.951(20.9)
925.57 *7*	87 *6*	^{121}In(23.1 s)	261.96(7.9), 657.32(7.1), 919.28(4.2)
925.6 *3*	0.34 *4*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
925.62 *7*	0.10 *3*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 925.62 *7*	0.044 *5*	^{158}Tb(180 y)	944.09(44), 962.06(20.3), 79.5104(11.6)
925.68 *5*	1.68 *6*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
925.7 *4*	†10.4 *20*	^{137}Te(2.49 s)	243.3(†100), 554.0(†34), 469.1(†21)
925.74 *39*	0.10 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 925.78 *3*	0.0378 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
925.8 *2*	3.84 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
925.8 *4*	0.74 *15*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
925.8 *2*	†36	^{120}Ag(0.32 s)	697.8(†51), 505.9(†51), 830.0(†15)
925.8 *4*	1.2 *3*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
925.8 *10*	†2.1 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
925.8 *2*	1.08 *5*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
925.90 *15*	7.3 *8*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
925.9 *2*	1.8 *12*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
926.0 *5*	0.4 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
926 *1*	0.19 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
926.0 *6*	0.034 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
926.0 *5*	0.46 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
926.0 *5*	†0.073 *21*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
• 926.1 *5*	0.0040 *7*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
926.2 *1*	12.5 *15*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
926.2	3.0 *15*	^{132}Sb(4.10 m)	696.8(100), 973.9(100), 150.6(66)
• 926.26 *13*	3.41 *3*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
926.28 *9*	0.13 *3*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
926.3 *2*	0.09	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
926.3 *2*	1.33 *11*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
926.31 *25*	0.105 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
926.324 *15*	0.28 *3*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
• 926.324 *15*	0.265 *8*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
926.35 *13*	0.0338 *12*	^{137}Ce(9.0 h)	447.15(1.8), 10.6(0.8), 436.59(0.265)
926.39 *17*	†2.6 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 926.40 *15*	0.260 *8*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
926.5 *1*	†1.26 *10*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
926.5 *3*	0.021 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
926.5 *3*	†1.89 *20*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
926.5 *1*	0.94 *23*	^{206}Fr(15.9 s)	575.3(12), 559.0(8.19), 628.6(3.6)
926.5 *2*	0.090 *21*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
926.53 *10*		^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
926.6 *2*	0.55 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
• 926.6 *5*	0.023 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
926.6 *3*	†2.3 *10*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
926.70 *10*	0.0043 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
926.7 *2*	0.60 *11*	^{160}Tm(74.5 s)	264.1(9), 125.8(6.5), 375.8(2.4)
926.72 *10*	7.2 *9*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
926.72 *10*	†1.23×10^{3} *13*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 926.72 *10*	0.068 *7*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 926.72 *10*	5.8×10^{-7} *3*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
926.8 *3*	0.25 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
926.84 *5*	7.6 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
926.9 *3*	0.39 *10*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
926.97 *9*	1.23 *3*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
• 926.98 *10*	0.47 *3*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
927 *1*	0.00165 *12*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 927 *1*	†0.00044 *12*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
927.05 *10*	0.92 *5*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
927.09 *14*	0.98 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
927.1 *8*	0.0041 *18*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
927.13 *30*	0.17	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
927.18 *6*	0.076 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
927.2 *2*	†6.6 *5*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
927.2 *3*	1.00 *23*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
927.2 *2*	0.011 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
927.2 *15*	0.039 *11*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
927.29 *4*	7.1 *4*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
927.30 *10*	0.88 *4*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
927.40 *13*	0.032 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
927.4 *3*	0.41 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
927.5 *4*	0.35 *12*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
927.5 *4*	0.26 *10*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
927.58 *20*	0.25 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
927.60 *10*	3.79 *22*	^{91}Tc(3.3 m)	502.90(51.4), 1328.40(2.55), 1362.00(2.5)
927.6 *3*	2.0 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
927.60 *20*	0.701 *19*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
927.6 *2*	0.166 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
927.6 *2*	0.131 *9*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
927.67 *8*	1.16 *22*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
927.69 *8*	0.63 *5*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
927.75 *3*	0.50 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
927.8 *7*	0.20	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
927.9 *8*	0.38 *19*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
927.90 *20*	0.37 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 927.9920 *7*	0.619 *7*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
927.9920 *7*	0.52 *5*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 927.9920 *7*	0.37 *4*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
928.0 *10*	0.22 *8*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
928.0 *4*	0.13 *4*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
• 928.0 *4*	0.0021 *9*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
928 *1*	0.12 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
• 928.0	0.022	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
928.02 *16*	3.9 *6*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
928.06 *11*	0.138 *20*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
928.10 *28*	1.00 *6*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
928.1 *3*	0.25 *5*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
928.1 *4*	0.168 *11*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
928.18 *4*	0.006	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
• 928.290 *11*	0.77 *5*	^{48}V(15.9735 d)	983.517(99.98), 1312.096(97.5), 944.104(7.76)
928.3 *2*	1.66 *15*	^{93}Ru(10.8 s)	1396.2(39), 1111.2(26.2), 2039.1(9.2)
928.30 *6*	1.3 *3*	^{126}Sb(19.15 m)	414.81(86), 666.331(86), 695.03(82)
928.34 *3*	2.5 *1*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
928.34 *3*	7.1 *19*	^{100}Nb(2.99 s)	535.60(97.0), 600.5(65.0), 1280.6(23.8)
928.4 *4*	†11 *5*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
928.40 *10*	1.07 *16*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
928.4 *2*	2.9 *8*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
• 928.4	0.0046 *21*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
928.42 *14*	0.00129 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
928.5 *3*	0.044 *11*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
928.5 *10*	†3.1	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
928.5 *3*	0.32 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
928.5 *1*	1.41 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
928.535 *21*	0.718 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
928.55 *10*	0.150 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
928.6 *1*	6.9 *4*	^{51}Ti(5.76 m)	320.0842(93), 608.6(1.18)
928.6 *2*	0.127 *11*	^{101}Tc(14.22 m)	306.85(88), 545.06(6.0), 127.23(2.86)
928.6 *1*	0.272 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
928.6 *4*	0.10 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
928.7 *6*	0.29 *5*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)
928.7 *2*	†10.8 *17*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
928.7 *4*	0.07 *3*	^{164}Yb(75.8 m)	40.928(1.147), 675.41(0.38), 390.6(0.31)
928.7 *3*	†2.8 *10*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
928.80 *20*	0.033 *19*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
928.8 *6*	0.77 *4*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
• 928.8 *4*	0.028 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 928.8	†6×10^{02} *3*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
928.85 *3*	1.046 *22*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
928.86 *9*	7.5 *7*	^{80}Zn(0.545 s)	712.53(45.1), 715.40(33.8), 964.93(15.6)
928.9 *1*	†1.24×10^{3}	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
928.9 *2*	0.37 *6*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
928.935 *5*	0.036 *5*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 928.935 *5*	0.0613 *16*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
• 929.01 *7*	20.2 *8*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 370.0(17.2)
929.04 *9*	0.42 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
929.04 *9*	†2.6×10^{2}	^{94}Rb(2.702 s)	432.61(†9000), 213.429(†6000), 986.05(†4100)
929.08 *5*	0.138 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
929.08 *87*	0.028 *11*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
929.1 *3*	†8.0 *10*	^{113}I(6.6 s)	462.5(†100), 622.4(†74), 351.5(†43)
929.1 *3*	0.083 *25*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
929.1 *2*	†0.7 *2*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
• 929.106 *20*	3.04 *7*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
• 929.12 *21*	0.016 *4*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
929.12 *21*	4000 *18*	^{105}Ag(7.23 m)	319.14(†63000), 306.25(†12800), 442.37(†5900)
929.16 *30*		^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
929.18 *6*	0.266 *14*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
929.20 *15*	2.9 *4*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
929.2	>0.010	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
929.25 *20*	0.18 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
929.3 *1*	0.79 *13*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
929.3 *3*	9.5 *10*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
929.36 *6*	0.0051 *6*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
• 929.38 *32*	0.0028 *9*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
929.4 *3*	0.10 *7*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
929.42 *20*	0.135 *17*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
• 929.45 *4*	0.0119 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
929.47 *2*	1.233 *18*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
929.47 *2*	0.136 *19*	^{250}Es(8.6 h)	828.82(72), 303.41(21.6), 349.4(19.8)
929.5 *2*	100	^{52}Fe(45.9 s)	869.9(93), 621.7(51), 2037.6(50)
929.5	0.75 *4*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
929.6	56 *5*	^{34}Al(60 ms)	3327.5(60), 125.4(25.8), 4257.0(12.0)
929.6 *5*	0.61 *12*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
929.61 *14*	0.54 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
929.68 *5*	0.198 *15*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
929.7 *4*	0.35 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
929.7 *2*	0.08 *2*	^{241}Np(13.9 m)	174.94(3.1), 132.99(0.86), 518.8(0.40)
929.73 *8*	0.038 *11*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
929.8 *4*	0.0109 *13*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
• 929.8 *5*	0.012 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
929.83 *11*	0.031 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 929.85 *3*	1.22 *22*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
929.93 *2*	0.75 *3*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
• 930.0 *2*	0.050 *4*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
• 930.0 *4*	0.025 *15*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
930.0 *3*	†2.3 *6*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
930.0 *2*	0.99 *20*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
930.0 *3*	1.34 *10*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
930.0 *5*	0.083 *12*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
930.09 *15*	0.0054 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
930.1 *4*	3.3 *10*	^{99}Y(1.470 s)	121.761(33), 724.30(14.9), 536.2(6.6)
930.1 *3*	0.91 *15*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
930.2 *15*	0.19 *13*	^{117}Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
930.2 *2*	†3.6 *10*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
• 930.2 *2*	0.00059 *9*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
930.26 *20*	0.028 *11*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
930.3 *1*	0.26 *4*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
930.3 *3*	†2.4 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
930.3 *6*	0.051 *25*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
930.38 *8*	0.51	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
930.38 *8*	5.4	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
• 930.39 *11*	0.020 *5*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
930.4	0.015 *4*	^{35}Ar(1.775 s)	1219.42(1.35), 1763.10(0.312), 2693.5(0.1480)
930.4 *4*	0.22 *3*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
930.4 *5*	0.022 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
930.4 *5*	0.044 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
930.42 *9*	5.1 *3*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
930.5 *2*	0.046 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
930.5 *3*	0.32 *5*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
• 930.5 *3*	†0.031 *21*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
930.5 *5*	0.019 *5*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 930.584 *15*	0.0730 *21*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
930.584 *15*	†43 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
930.584 *15*	0.284 *25*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
930.6 *3*	0.025 *15*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
930.6 *2*	†5.1 *3*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
930.67 *25*	†2.0 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
930.7 *5*	0.15 *6*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
930.71 *1*	3.81 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
930.8 *1*	0.027 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
930.8 *1*	0.019 *4*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
930.8 *4*	0.125 *10*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
930.8 *2*	2.9 *10*	^{176}Re(5.3 m)	240.17(48), 109.08(25.0), 848.7(4.0)
• 930.807 *19*	1.4 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
930.86 *10*	0.079 *22*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
930.87 *12*	0.17 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
930.90 *7*	0.42 *3*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
930.91 *10*	0.40 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
930.93 *10*	0.0128 *19*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
930.93 *10*	0.24 *4*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
930.95 *10*	0.62 *4*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
931.0 *3*	1.34 *19*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
931.0 *3*	1.1 *4*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
931 *1*	1.00 *9*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
• 931.06 *2*	0.0484 *16*	^{185}Os(93.6 d)	646.116(78.0), 874.813(6.29), 880.523(5.17)
931.1 *3*	5 *1*	^{64}Co(0.30 s)	1345.77(10)
931.10 *5*	0.414 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
931.15 *10*	1.46 *21*	^{108}Rh(16.8 s)	433.937(43), 618.84(15.0), 497.22(5.2)
931.15 *10*	12.3 *18*	^{108}Rh(6.0 m)	433.937(88), 581.1(60), 947.27(49)
931.15 *10*	0.00055 *5*	^{108}Ag(2.37 m)	433.937(0.50), 618.84(0.261), 1007.22(0.0139)
931.20 *10*	1.06 *6*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
931.2 *4*	4.3	^{116}Ag(10.4 s)	513.39(92), 705.82(61), 1028.90(30.4)
931.2 *8*	0.3 *1*	^{123}In(5.98 s)	1130.5(63), 1019.7(32), 618.8(2.6)
931.2 *7*	0.5 *3*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
931.3 *2*	75	^{55}Co(17.53 h)	477.2(20.2), 1408.4(16.88), 1316.4(7.09)
931.3 *5*	36.1 *20*	^{170}Ho(2.76 m)	258.2(37.0), 181.6(23.8), 890.2(22)
931.34 *2*	0.545 *20*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 931.34 *2*	0.263 *25*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
931.37 *4*	3.64 *24*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
931.4 *1*	5.8 *3*	^{73}Br(3.4 m)	64.9(37.0), 336.0(10.4), 699.8(9.1)
931.5 *5*	0.095 *25*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
931.5 *15*	0.49 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
931.5	0.37	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
931.5 *3*	2.69 *10*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
931.5 *3*	0.83 *22*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
• 931.50 *15*	0.039 *5*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
931.5 *6*	†<6	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
931.51 *11*	2.98 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
• 931.56 *20*	0.022 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
931.57 *25*	0.00021 *9*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
931.6 *1*	0.279 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
931.6 *4*	0.08 *6*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
931.6 *2*	0.053 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
931.6 *5*	2.6 *4*	^{200}Bi(36.4 m)	1026.5(100), 462.34(98), 419.70(91)
931.6 *7*	0.84 *14*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
931.61 *7*	0.0047	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
931.7 *1*	11.8 *8*	^{96}Sr(1.07 s)	122.297(76.50), 809.401(71.9), 530.0(9.0)
931.7 *2*	0.08 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
931.7 *8*	0.009 *3*	^{157}Dy(8.14 h)	326.16(92), 182.20(1.84), 83.01(0.62)
931.7 *2*	1.8	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
931.7 *2*	0.13	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
931.8 *3*	†0.8	^{111}Rh(11 s)	275.4(†100.0), 411.8(†9.42), 230.0(†8.9)
931.8 *5*	0.173 *18*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
931.800 *29*	0.013	^{116}In(14.10 s)	1293.54(1.3), 463.16(0.25), 1252.5(0.031)
931.800 *29*	0.076 *16*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
931.800 *29*	24.7 *13*	^{116}Sb(15.8 m)	1293.54(85), 2225.33(14.2), 2843.5(1.1)
931.9	0.045	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
931.9 *2*	†5.0	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)
• 931.9 *3*	1.3×10^{-8} *4*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
931.92 *14*	0.62 *9*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
932.00 *14*	0.0385 *16*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
932.0 *5*	0.59 *10*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
932	>0.11	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
932.0 *2*	>2.8	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
932.0 *2*	2.8	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
932.0 *3*	0.29 *9*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
932.0 *1*	0.78 *7*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
932.0 *10*	0.174 *24*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
932.1 *1*	0.69 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
932.1 *3*	11.7 *3*	^{154}Pr(2.3 s)	162.4(15), 70.8(11.22), 956.9(6.8)
932.13 *20*	0.38 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
932.2 *2*	1.79 *13*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
• 932.3	4.6×10^{-5}	^{253}Es(20.47 d)	41.79(0.050), 389.11(0.0264), 387.1(0.00810)
932.35 *7*		^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
932.35 *7*	8.0 *6*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
932.37 *15*	6.7 *10*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 932.4 *13*	0.036 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
932.42 *19*	0.52 *5*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
932.50 *20*	0.24 *5*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
932.5 *10*	0.28 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
• 932.56 *4*	0.069 *12*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
932.6 *9*	0.08 *6*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
932.6 *4*	†5.6 *17*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
932.6 *4*	0.020 *6*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
932.6 *5*	0.37 *10*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
932.624 *16*	0.0093 *19*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
932.7 *4*	1.43 *19*	^{113}Rh(2.72 s)	189.7(17.0), 409.3(15.9), 219.6(3.88)
932.7 *5*	1.92 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
932.7 *3*	†<6	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
932.8 *2*	0.42 *3*	^{235}Th(7.1 m)	417.0(2), 727.2(0.87), 696.1(0.64)
932.82 *20*	0.54 *8*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
932.85 *10*	0.00287 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
932.9	0.14	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
• 932.96 *5*	0.621 *5*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
932.98 *7*	0.0127 *10*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
933	5.8 *6*	^{21}O(3.42 s)	1730.3(45.6), 3517(15.4), 279.9(14.8)
933	0.19	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
933.0 *2*	†11 *2*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
933 *1*	3.2	^{124}Ba(11.9 m)	169.3(20), 1216(12), 188.98(10)
933.0 *3*	0.015 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
933 *1*	0.10 *10*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
933 *1*	0.47 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
933.0 *2*	0.44 *14*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
933.0 *2*	0.38 *12*	^{190}Tl(2.6 m)	416.4(79), 625.4(11.1), 683.5(8.7)
• 933.005 *8*	3.45 *11*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
933.03 *8*	0.044 *7*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
933.08 *4*	0.036	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
933.1 *3*	†4.51 *18*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
933.1 *1*	26.1 *14*	^{131}Sb(23.03 m)	943.4(47), 642.30(23), 1123.6(9.2)
933.10 *25*	0.14 *4*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
933.1 *5*	†1.05 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
933.13 *3*	0.448 *22*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
• 933.2 *4*	†0.021 *10*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
933.298 *14*	5.3 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
933.298 *14*	1.97 *25*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
933.3 *3*	0.75 *23*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
933.3 *4*	1.4	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
933.4 *4*	0.045 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
933.5 *2*	0.062 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
933.5 *4*	0.16	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
933.5 *4*	<0.77	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
933.6 *4*	0.44 *11*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
933.6 *4*	†2.3 *12*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
933.62 *92*	0.024 *10*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
933.62 *14*	0.014 *6*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
933.7 *4*	2.47 *22*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
933.7 *20*	0.013 *3*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
933.7 *2*	0.28 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
933.73 *19*	0.71 *4*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
933.75 *8*	0.189 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
933.76 *6*	0.033 *8*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
• 933.8 *7*	2.000 *6*	^{115}Cd(44.6 d)	1290.580(0.890), 484.470(0.290), 1132.570(0.0856)
933.8 *3*	0.0053 *21*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
933.8 *11*	<0.14	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
933.8	0.53 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
933.82 *6*	0.084 *6*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
933.9 *5*	0.07 *3*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
933.9 *2*	†4	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
• 933.9 *5*	0.0038 *7*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
933.9 *3*	1.6 *3*	^{171}Re(15.2 s)	568.4(16.1), 102.0(9.7), 1066.0(8.1)
933.9 *4*	†0.40 *13*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
933.9 *3*	0.028 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
933.94 *4*	0.0012 *6*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
• 933.95 *20*	0.15 *3*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
934.0 *4*	7.5×10^{-5} *17*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
934 *1*	0.12 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
934	0.031 *16*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
934 *1*		^{142}Tb(597 ms)	515.0(25), 465.0(2.7), 853.1(2.42)
934.00 *10*	12.3 *6*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
934.0 *2*	†0.30 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
934.0 *5*	0.47 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
934.0 *8*	3.7 *9*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
934.0 *5*	0.050 *10*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
934.03 *26*	1.77 *6*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
934.04 *9*	0.130 *21*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
934.05 *15*	0.96 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
934.061 *12*	3.03 *5*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
934.1 *2*	0.09 *4*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
934.1 *2*	0.78 *13*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
• 934.1 *6*	0.008 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
934.1 *12*	1.7 *5*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
934.13 *15*	0.29 *4*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
934.14 *4*	1.271 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
934.2 *10*	0.074 *15*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
934.208 *28*	3.4 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
934.24 *8*	0.039 *10*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
934.3 *2*	0.343 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
934.33 *15*	0.522 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 934.39 *7*	0.0046 *4*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
934.46 *5*	13.9 *8*	^{92}Y(3.54 h)	1405.28(4.8), 561.03(2.40), 448.34(2.34)
• 934.46 *5*	99	^{92}Nb(10.15 d)	912.73(1.78), 1847.27(0.85), 1132.24(0.005)
• 934.46 *5*	100	^{92}Nb(3.47×10^7 y)	561.03(100)
934.483 *5*	0.873 *14*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
934.5 *10*	0.10 *8*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 934.5 *5*	0.07 *4*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
934.5 *5*	0.010 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
934.5 *1*	0.33 *4*	^{240}Np(61.9 m)	566.34(25.3), 973.9(23.8), 600.57(18.4)
• 934.5 *1*	0.025 *3*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
934.6 *5*	0.038 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
934.6 *2*	0.45 *5*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
934.6 *3*	0.09	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 934.63 *5*	0.209 *8*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
934.7	12.9 *20*	^{36}Si(0.45 s)	175.0(68), 249.9(68), 878.2(44)
934.70 *10*	0.320 *24*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
934.70 *10*	†86	^{94}Rb(2.702 s)	432.61(†9000), 213.429(†6000), 986.05(†4100)
934.7 *5*	0.23 *7*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
934.7 *1*	3.65 *18*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
• 934.84 *15*	0.121 *8*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
934.90 *15*	0.0224 *7*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
934.9 *1*	0.328 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
934.9 *3*	0.31 *3*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
934.9 *2*	19 *1*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
934.9 *3*	0.06 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
934.9 *5*	†10 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
934.91 *50*	0.15 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
935.0 *3*	†4.51 *18*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
935 *1*	0.0021 *16*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
935.0 *10*	0.65 *25*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
935.02 *7*	0.08 *3*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
935.03 *12*	0.181 *16*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
935.10 *3*	10.6 *6*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
935.1	5.3 *6*	^{145}Tb(29.5 s)	257.8(39), 987.8(37), 537.0(23)
935.1	0.015 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
935.1 *7*	1.4 *3*	^{200}Bi(36.4 m)	1026.5(100), 462.34(98), 419.70(91)
935.17 *8*	0.42 *3*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
• 935.175 *14*	0.028 *3*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
935.19 *18*	0.34 *3*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
935.20 *5*	6.5 *4*	^{128}In(0.84 s)	1168.80(40), 1089.53(6.0), 2104.07(5.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 935.20 *14*	0.053 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
935.2 *7*	0.049	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
935.2 *3*	0.08	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
• 935.26 *20*	0.17 *3*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
935.32 *4*	0.032 *8*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
935.5 *5*	0.45 *8*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 661.5(5.1)
935.5 *15*	0.14 *4*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 935.5 *2*	0.0120 *16*	^{191}Pt(2.9 d)	538.90(13.7), 409.44(8.0), 359.90(6.0)
935.50 *25*	0.35 *10*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
935.538 *11*	0.061 *3*	^{52}V(3.75 m)	1434.068(100), 1333.649(0.588), 1530.67(0.116)
• 935.538 *11*	†94.9 *3*	^{52}Mn(5.591 d)	1434.068(†100.0), 744.233(†90.6), 1333.649(†5.07)
935.538 *11*	†0.02 *1*	^{52}Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1530.67(†0.0478)
935.6 *9*	0.36 *18*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
935.6 *1*	0.49 *6*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
935.6 *6*	0.09 *3*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
• 935.614 *10*	0.06 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
935.68 *20*	0.042 *8*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
935.7 *3*	†0.55 *14*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
935.7 *3*	0.13 *3*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
• 935.7 *5*	0.022 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
935.7 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
935.77 *6*	1.71 *9*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
• 935.8 *4*	0.029 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
935.8 *5*	0.22 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
935.8 *6*	0.7	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
935.8 *2*	0.066 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
935.83 *10*	1.6 *1*	^{148}Pr(2.0 m)	301.702(95), 450.58(50), 697.61(40)
935.9 *2*	0.209 *19*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
935.9 *2*	0.51 *12*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
935.9 *3*	0.084 *20*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
935.90 *6*	0.0047 *8*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
936.0	0.044 *9*	^{43}Ti(509 ms)	2288.2(4.40), 845.2(2.77), 2458.5(0.91)
936.0 *10*	0.109 *23*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
936.0 *10*	†13	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
936.0 *3*	0.19 *6*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
936.0 *2*	†0.32 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
936.0 *6*	0.08 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
936.01 *16*	0.302 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
936.03 *15*	0.39	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
936.1 *5*	0.29 *7*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
936.2 *5*	11.3 *6*	^{201}Bi(108 m)	629.1(24.0), 1014.1(10.7), 786.4(9.5)
936.27 *10*	1.07 *7*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
936.3 *5*	0.18 *4*	^{98}Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
936.3 *10*	†1.8×10^3 *5*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
936.34 *8*	0.86 *22*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
936.36 *11*	0.135 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
936.4 *2*	0.77 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
936.4 *3*	†333 *48*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
936.41 *8*	0.000220 *13*	^{176}Lu(3.635 h)	88.34(0.55640), 1159.28(0.00139), 1061.61(0.000762)
936.41 *8*	0.6	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
936.44 *5*	0.270 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
936.50 *10*	2.79 *19*	^{125}In(2.36 s)	1335.04(71), 1031.75(9.6), 617.88(7.4)
936.5 *10*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
936.5 *3*	†2.6 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
936.55 *15*	66 *4*	^{100}Cd(49.1 s)	139.71(6.7), 582.5(6.3), 507.25(5.5)
936.6 *3*	0.40 *7*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
936.6 *3*	0.31 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
936.6 *2*	0.81 *16*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
936.6 *2*	0.104 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 936.61 *6*	0.40 *1*	^{238}Np(2.117 d)	984.45(27.8), 1028.54(20.3), 1025.87(9.6)
936.62 *4*	9.6 *4*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
936.7 *4*	2.20 *6*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
936.7	16	^{140}I(0.86 s)	376.657(91), 457.630(59), 564.4(11)
936.7 *3*	0.0072 *23*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
936.7 *4*	0.011 *4*	^{235}Pu(25.3 m)	49.10(2.36), 756.4(0.479), 34.23(0.23)
936.79 *7*	5.74 *25*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
936.79 *7*	8.3 *6*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
936.8 *1*	0.62 *8*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
• 936.8 *10*	0.017 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
936.8 *3*	0.049 *21*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
936.8 *2*	†37 *3*	^{191}Pb(2.18 m)	387.1(†100), 712.2(†46), 613.5(†40)
936.91 *7*	†3.96 *6*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
936.93 *11*	0.45 *5*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
936.97 *8*	4.05 *24*	^{80}Ge(29.5 s)	265.36(27.0), 110.4(6.5), 1564.3(4.9)
937 *2*	1.2 *6*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
937.0 *3*	0.22 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
• 937.0 *2*	0.0031 *10*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
937.0 *2*	†4.5 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
937.0 *3*	0.7 *4*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
937.0 *5*	0.095 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
937.03 *4*	0.0020 *4*	^{205}Hg(5.2 m)	203.750(2.2), 415.70(0.0130), 1218.96(0.0062)
937.05 *5*	0.0026 *5*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
937.19 *20*	0.18	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
937.2 *2*	10.8 *4*	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
937.3 *10*	0.007 *3*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
937.3 *1*	†43 *4*	^{123}La(17 s)	92.5(†100), 153.6(†43), 120.9(†31)
937.30 *12*	0.37	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
937.3 *6*	0.056 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
937.33 *6*	1.71 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
• 937.38	0.08	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 937.39 *10*	0.0192 *21*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
937.4 *4*	1.1 *3*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
• 937.41 *5*	0.127 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 937.47 *12*	0.0033 *5*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
• 937.493 *4*	34.13 *11*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 1384.300(24.12)
937.493 *4*	68.4 *14*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 707.40(29.5)
937.494 *23*	0.151 *3*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
937.53 *9*	0.0091 *5*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
937.56 *7*	0.95 *17*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
937.6 *5*	0.147 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
937.7 *5*	†15 *3*	^{130}Sn(1.7 m)	144.9(†100), 899.2(†49), 84.7(†42)
937.71 *17*	0.51 *5*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
937.8 *13*	0.050 *9*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
937.8 *3*	0.33 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 937.82 *1*	0.0261 *13*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
937.86 *19*	0.85 *13*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
937.89 *8*	2.11 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 937.9 *8*	0.006	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
937.9 *4*	0.067 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
937.9 *6*	0.15 *7*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
937.96 *25*	0.092 *10*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
937.96 *8*	2.26 *14*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
• 938	0.0008 *5*	^{48}V(15.9735 d)	983.517(99.98), 1312.096(97.5), 944.104(7.76)
938.0 *3*	0.11 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 938.0 *8*	†0.00065 *24*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
938.02 *10*	1.21 *5*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 938.02 *10*	>6.0×10^{-7}	^{244}Cm(18.10 y)	42.824(.0044100), 98.860(.0001470), 152.63(<4.9×10^{-7})
938.1 *4*	0.24 *10*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
• 938.10 *9*	0.116 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
938.19 *4*	0.118 *4*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
938.2		^{130}Pr(40.0 s)	951.9, 499.0, 1405
938.2 *1*	0.17 *3*	^{240}Np(61.9 m)	566.34(25.3), 973.9(23.8), 600.57(18.4)
• 938.2 *1*	0.007 *3*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
938.3 *2*	†5.7 *7*	^{82}Ga(0.602 s)	1348.07(†100), 2215.0(†22.0), 867.46(†13.4)
938.3 *2*	1.37 *11*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
938.3 *10*	1.1 *3*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
938.34 *16*	0.150 *16*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
938.4 *3*	0.087 *9*	^{101}Tc(14.22 m)	306.85(88), 545.06(6.0), 127.23(2.86)
938.4 *3*	4.8 *5*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
938.4 *5*	0.24 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
938.4 *2*	1.01 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
938.45 *3*	2.96 *9*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
938.50 *14*	0.077 *3*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 938.50 *14*	0.056 *12*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
938.5 *2*	0.015 *4*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
• 938.610 *9*	2.39 *3*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
938.7 *5*	0.093 *20*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
938.7 *2*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
938.70 *2*	0.599 *18*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 938.70 *2*	1.09 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
• 938.75 *8*	1.58 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
938.79 *5*	0.0060 *8*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
938.9 *2*	0.34 *6*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
938.90 *7*	0.63 *3*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
938.9 *3*	0.99 *25*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
938.9 *3*	2.6 *3*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
938.9 *2*	†3.5 *4*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
• 938.95 *10*	0.026 *3*	^{238}Np(2.117 d)	984.45(27.8), 1028.54(20.3), 1025.87(9.6)
938.95 *10*	0.0034	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
• 938.95 *10*	1.8×10^{-7} *8*	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
939.00 *20*	1.0 *5*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
939 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
939.0 *5*	0.028 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
939.0 *3*	0.75 *8*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
939.0 *3*	0.00038	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
939.1 *5*	0.045 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
939.1 *5*	8.9 *8*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 777.9(3.8)
939.15 *5*	0.077 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
939.18 *14*	0.071 *16*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
939.2 *5*	0.031 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
939.2 *3*	0.77 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
939.2 *3*	0.063 *6*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
939.2 *2*	0.08 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
939.25 *7*	1.95 *20*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
939.3 *5*	0.23 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
939.30 *3*	1.76 *4*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
939.35 *3*	0.285 *7*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
939.36 *7*	0.259 *7*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 939.36 *7*	0.0064 *8*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
939.4 *3*	0.066 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
939.4 *3*	0.35 *11*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
939.41 *8*	†21	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
939.453 *28*	0.0496 *14*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
939.5 *3*	0.045 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
• 939.57 *6*	0.66 *6*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
939.6 *3*	0.30 *17*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
939.6 *5*	0.017 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
939.64 *6*	0.140 *7*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
939.7 *7*	0.73 *17*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
• 939.7 *5*	0.12 *6*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
939.8 *5*	0.39 *8*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 939.8 *5*	0.0038 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
939.87 *15*	0.009 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
939.9 *2*	0.43 *5*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
• 940.0 *5*	1.0×10^{-4} *4*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)
940.0 *15*	0.50 *15*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
940.0 *3*	†6.6 *10*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
940.07 *29*	0.09 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
940.1 *15*	†4.1	^{256}Es(7.6 h)	861.8(†100), 231.1(†61), 172.6(†49)
940.2	†0.7	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
940.28 *14*	0.28 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
940.3 *3*	3.75 *22*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
940.3 *5*	0.54 *6*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
940.3 *3*	0.11 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 940.3 *3*	5.0×10^{-8} *5*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
940.4 *4*	0.30 *3*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
• 940.40 *20*	1.12 *10*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
940.4 *3*	0.046 *16*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
940.4 *5*	0.35 *7*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
940.5 *3*	0.34 *5*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
940.51 *10*		^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 940.51 *10*	0.0207 *24*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
940.516 *25*	0.304 *9*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
940.62 *3*	0.506 *17*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
940.63 *6*	2.62 *13*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
940.7 *3*	0.114 *5*	^{235}Pu(25.3 m)	49.10(2.36), 756.4(0.479), 34.23(0.23)
940.8 *6*	0.15 *5*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
940.8 *3*	0.7 *3*	^{102}Zr(2.9 s)	599.60(13.9), 535.30(10.6), 64.50(8.9)
940.87 *5*	0.266 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
940.9 *3*	1.12 *20*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
940.9 *2*	0.100 *15*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
941.0 *3*	0.086 *9*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
941.0 *2*	†1.23 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
941.0 *2*	0.58 *6*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
941.0 *3*	0.134 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
941.0 *5*	†3.4 *5*	^{180}Au(8.1 s)	153.3(†100), 524.3(†29), 257.6(†26)
941.0 *5*	0.10 *5*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
941.0 *10*	0.25 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
941.05 *13*	†6.7 *10*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
941.09 *11*		^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
941.1 *4*	2.5 *4*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
941.2 *1*	0.173 *14*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
941.2 *1*	3.2 *3*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
941.2 *1*	0.56 *5*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
941.23 *4*	15	^{175}Tm(15.2 m)	514.868(65), 363.942(12.7), 982.45(10.2)
941.25 *8*	0.230 *16*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
• 941.26	0.16	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 941.27 *5*	1.02 *4*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
• 941.38 *5*	0.54 *2*	^{238}Np(2.117 d)	984.45(27.8), 1028.54(20.3), 1025.87(9.6)
941.38 *5*	2.24 *14*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
941.4 *2*	20.7 *4*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
941.4 *3*	0.62 *5*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
941.41 *7*	0.67	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 941.420 *7*	7.0×10^{-5} *1*	^{115}Cd(53.46 h)	336.240(45.9), 527.900(27.45), 492.3(8.03)
• 941.420 *7*	0.00024 *2*	^{115}Cd(44.6 d)	933.8(2.000), 1290.580(0.890), 484.470(0.290)
941.5 *4*	5.5 *6*	^{90}Mo(5.67 h)	257.34(78), 122.370(64.2), 203.13(6.4)
941.6 *3*	72	^{95}Rh(5.02 m)	1352.0(20.8), 677.6(5.80), 1494.7(5.0)
941.6 *11*	0.061 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
941.6 *5*	0.55 *16*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
941.6 *3*	0.0033 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 941.6 *3*	†0.0045 *7*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
941.6 *4*	1.6 *3*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
941.7 *1*	0.00068 *4*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
941.7 *1*	25.0 *23*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 926.2(12.5)
941.72 *5*	38.3 *10*	^{28}Mg(20.91 h)	30.6383(95), 1342.27(52.6), 400.56(36.6)
941.8 *2*	0.06 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
941.8 *2*	0.050 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
941.8 *3*	0.974 *22*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
941.8 *4*	1.0 *3*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
941.86 *5*	1.34 *4*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
941.9 *8*	0.0078	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
941.94 *20*	0.42 *5*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
941.94 *10*	0.045 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
941.94 *10*	$\dagger2.49\times10^{3}$	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 941.94 *10*	0.248 *15*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 941.94 *10*	4.7×10^{-7} *5*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
941.95 *2*	0.36 *12*	^{244}Am(26 m)	1084.181(0.37), 1062.953(0.28), 1041.278(0.19)
942 *3*	>1.2	^{77}Sr(9.0 s)	146.94(86.1), 160.10(9.2), 144.82(6.8)
942.0 *2*	0.26 *6*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
942.0 *2*	0.17 *5*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
942.0 *2*	0.24 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
942.03 *12*	0.59 *3*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
942.09 *7*	1.19 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
942.1 *4*	26 *7*	^{62}Mn(0.88 s)	876.8(90), 1299.0(25), 1815.0(21)
942.1 *5*	1.43 *17*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
942.1 *5*	†1.8 *8*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
• 942.177 *7*	0.185 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
942.2 *4*	2.8 *3*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
942.2 *2*	0.31 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
942.20 *20*	0.48 *4*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
942.2	†69 *16*	^{189}Tl(2.3 m)	333.7(†100), 451.0(†49), 522.3(†27)
942.20 *10*	34 *3*	^{190}Pb(1.2 m)	151.19(8.92), 598.3(8.0), 142.2(7)
• 942.21 *6*	5.09 *6*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
942.3 *5*	>0.19	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
942.39 *10*	0.096 *9*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
942.4 *2*	6.4 *5*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
942.4 *2*	0.87 *6*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
• 942.45 *15*	0.211 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
942.47 *7*	1.26 *6*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
942.5 *3*	0.38 *6*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
942.5 *4*	1.07 *20*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
942.5 *1*	0.45 *3*	^{208}Fr(59.1 s)	635.8(10), 778.5(6.8), 325.3(5.2)
942.6 *4*	0.00057 *14*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
942.61 *22*	0.08 *5*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
942.77 *11*	†5.4 *5*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
942.8 *1*	0.97 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
942.8 *3*	†5.2 *7*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
942.80 *11*	18.8 *17*	^{182}Hf(61.5 m)	799.64(9.4), 114.3152(6.2), 339.65(5.6)
942.87 *12*	1.82 *13*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
942.88 *11*	0.101 *22*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
942.89 *32*	0.10 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
942.9 *3*	0.019 *4*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
942.91 *8*	0.66 *3*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
942.95 *42*	0.14 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
942.97 *17*	0.0031 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
943 *1*	0.06 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
943.0 *3*	0.10 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 943.05 *6*	0.23 *4*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
943.1 *2*		^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
943.17 *7*	0.414 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
943.2	0.80 *4*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
943.3 *3*	>0.9	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
943.3 *3*	14.9 *8*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
943.3 *4*	0.017 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
943.33 *9*	†8.7 *7*	^{93}Tc(43.5 m)	2644.55(†42.7), 3129.0(†6.4), 1492.45(†5.7)
943.36 *19*	0.22 *3*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
943.4 *3*	0.87 *4*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
943.4 *1*	47	^{131}Sb(23.03 m)	933.1(26.1), 642.30(23), 1123.6(9.2)
943.4 *1*	0.298 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
943.5 *3*	0.16 *4*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
943.5 *5*	0.32 *13*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
943.5 *3*	0.049 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
943.5	†7	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
943.54 *15*	†3.6 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
943.55 *28*	0.74 *7*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
943.6 *5*	0.052 *16*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
943.60 *8*	0.88 *5*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
• 943.6		^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
943.70 *9*	0.57 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
943.74 *4*	19.9 *20*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
943.8 *5*	†2.9 *10*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
943.8 *2*	0.179 *21*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
943.93 *14*	0.20 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
944.0 *5*	0.13 *4*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
• 944	0.008 *5*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
944.02 *9*	†4.0 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
944.07 *10*	2.43 *7*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
944.07 *10*	0.78 *12*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
944.08 *20*	†37	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
944.09 *5*	25	^{158}Eu(45.9 m)	977.131(13.6), 79.5104(11), 897.60(10.3)
• 944.09 *5*	44	^{158}Tb(180 y)	962.06(20.3), 79.5104(11.6), 181.930(9.9)
944.1 *2*	0.9	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
944.1 *1*	0.20 *11*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 944.1	0.0073 *20*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
• 944.104 *7*	7.76 *9*	^{48}V(15.9735 d)	983.517(99.98), 1312.096(97.5), 2240.375(2.41)
944.12 *7*	1.4 *1*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
944.13 *14*	0.021 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
944.19 *15*	0.165 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
944.199 *15*	0.098 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
944.2 *1*	†2.2 *3*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
944.2 *4*	†1.71 *24*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
944.21 *8*	0.062 *14*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
944.21 *10*	0.032 *10*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
944.24 *11*	0.034 *4*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
944.3 *2*	1.16 *11*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
944.3 *10*	0.050 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 944.35 *7*	1.331 *9*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 944.38 *7*	0.0067 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
944.4 *3*	†1.0 *5*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
944.4 *2*	0.044 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
944.5 *3*	0.167 *12*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
944.5 *3*	2.3 *10*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)
944.5 *2*	0.112 *12*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
944.5 *3*	†0.8 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
944.5 *3*	0.0103 *21*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
944.5 *3*	0.16 *5*	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
944.51 *24*	0.34 *6*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
• 944.56 *10*	0.138 *5*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
944.6 *5*	0.047 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
944.6 *4*	0.063 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
944.6 *6*	0.009 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
944.6	0.32	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
944.6 *3*	0.82 *8*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
944.6 *5*	0.079 *24*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
944.68 *2*	0.22 *6*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
944.7 *4*	36.6 *20*	^{90}Tc(49.2 s)	1054.3(100), 948.1(100), 809.8(34.3)
944.7 *5*	0.30 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
944.7 *3*	0.114 *5*	^{235}Pu(25.3 m)	49.10(2.36), 756.4(0.479), 34.23(0.23)
944.75 *28*	0.47 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
944.79 *20*	0.38 *22*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
• 944.8 *1*	0.055 *5*	^{177}Ta(56.56 h)	112.9498(7.2), 208.3664(0.94), 1057.8(0.29)
944.8 *1*	37.8 *18*	^{242}Np(5.5 m)	785.7(60), 159.0(19.2), 265.1(14.4)
944.85 *4*	0.0427 *18*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
944.9 *3*	0.11 *3*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
944.92 *4*	0.294 *14*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
945.0 *3*	2.7 *3*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
945.0	2.2 *3*	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
945.0 *3*	0.11 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
945.02 *11*	0.80 *8*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
945.1 *4*	†0.7 *4*	^{103}Nb(1.5 s)	102.64(†100), 641.1(†55), 538.5(†34.0)
945.1 *1*	†3.4 *7*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
945.1 *4*	0.30 *15*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
945.18 *20*	0.20 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
945.18 *20*	1.0 *2*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
945.2 *2*	0.61 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
945.2 *5*	0.47 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
945.2 *5*	0.051 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
• 945.23 *3*	0.86 *3*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
945.27 *3*	0.869 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
945.3 *5*	0.30 *7*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
945.4 *5*	0.11 *3*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
945.4 *4*	0.14 *5*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
945.4 *3*	0.22 *3*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
945.4 *1*	0.239 *20*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
945.5 *3*	0.34 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
945.5 *40*	0.082 *24*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
945.5 *5*	0.015 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
945.5 *8*	0.81 *19*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
945.6	†1.0 *2*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
945.6 *8*	<0.006	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
945.67 *3*	1.53 *8*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
945.7 *1*	†37 *4*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 948.8(†34.5)
945.7 *1*	1.09 *10*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
• 945.7	†6×10^{02} *3*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
945.73 *20*	0.0307 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
945.78 *23*	0.0081 *14*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
945.80 *3*	0.0215 *18*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
945.8 *4*	0.41 *4*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
945.9 *3*	4.2 *7*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
945.9 *3*	0.15 *8*	^{251}Cm(16.8 m)	542.7(10.9), 530.0(1.62), 389.7(1.28)
945.96 *8*	7.4 *6*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 907.56(5.7)
946.0 *2*	0.019 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
946.0 *5*	0.0008 *3*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
946 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
946.0 *5*	0.031 *13*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
946.0 *2*	0.49 *4*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
946.0 *5*	10.8 *6*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
946.00 *3*	13.4 *8*	^{234}Pa(6.70 h)	131.30(18), 883.24(9.6), 569.5(8.2)
946.00 *3*	†9.9×10^{3} *10*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 946.00 *3*	0.432 *26*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 946.00 *3*	>9.0×10^{-8}	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
946 *2*	†80	^{243}Bk(4.5 h)	755(†100), 840(†30), 87.4
• 946.046 *6*	0.0695 *6*	^{129}Cs(32.06 h)	371.918(30.60), 411.490(22.31), 548.945(3.40)
946.1 *6*	0.120 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
946.2 *3*	0.14 *3*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
946.2 *3*	0.018 *4*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
946.2 *2*	0.43 *17*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
946.2 *2*	†410 *43*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
946.2 *2*	†17.7 *25*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
946.3 *3*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 946.3 *3*	0.006 *3*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
946.3 *2*	0.08 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 946.3	8.0×10^{-6}	^{253}Es(20.47 d)	41.79(0.050), 389.11(0.0264), 387.1(0.00810)
946.4 *8*	0.67 *20*	^{90}Mo(5.67 h)	257.34(78), 122.370(64.2), 203.13(6.4)
946.40 *7*	0.018 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
946.46 *8*	0.114 *8*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
946.5 *3*	0.06 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
946.5 *7*	0.23 *4*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
946.57 *8*	0.0072 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
946.6	†0.55 *7*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
946.63 *20*	0.063 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
946.69 *13*	0.129 *5*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
946.7 *5*	0.056 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
946.7 *1*	5.0 *14*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
946.8 *11*	31.5 *18*	^{31}Mg(230 ms)	1613.0(36), 1626.1(24.8), 666.1(10.6)
946.8 *10*	0.40 *11*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
946.8 *5*	0.045 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
946.8 *7*	0.027 *13*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
946.8 *4*	0.47 *24*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
946.9 *4*	0.09	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 946.98 *8*	0.129 *13*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
• 946.989 *18*	0.00822 *24*	^{121}Te(154 d)	1102.149(2.54), 37.138(0.94), 998.291(0.0796)
947 *1*	1.0 *3*	^{60}Zn(2.38 m)	670.3(64), 61.4(26), 273.4(10.9)
947	0.16	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
947 *1*	1.5 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
947.06 *5*	0.67 *6*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
947.09 *10*	1.40 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
947.1 *1*	2.09 *11*	^{93}Y(10.18 h)	266.9(7.3), 1917.8(1.55), 680.2(0.658)
947.1 *3*	0.28 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
947.1 *11*	0.20 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
947.10 *5*	1.72 *8*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
947.2 *3*	2.7 *3*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
947.2 *6*	0.044 *14*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
947.2 *2*	0.035 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
947.2 *3*	0.22 *7*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
947.2 *2*	0.070 *8*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
• 947.24 *10*	0.042 *3*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
947.27 *14*	49 *3*	^{108}Rh(6.0 m)	433.937(88), 581.1(60), 901.31(28)
947.3 *3*	0.082 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
947.3 *5*	0.113 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
947.3 *5*	0.062 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
947.3	0.15	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
947.3 *17*		^{199}Pb(12.2 m)	366.90(7), 382.8, 2751.9
947.31 *12*	0.85 *6*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
947.4 *5*	0.50 *8*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
947.4	1.31 *6*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
947.4 *3*	1.2 *4*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
947.4 *1*	16.2 *18*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
947.45 *20*	0.20 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 947.46 *15*	0.292 *6*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
947.5 *7*	0.37 *8*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
947.6 *4*	0.058 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
947.6 *1*	0.0050 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
947.6 *2*	†0.96 *8*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
947.6 *2*	0.8 *3*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
947.6 *2*	†0.23 *9*	^{196}Bi(240 s)	1049.21(†21.1), 371.93(†20.8), 689.00(†19.2)
947.67 *2*	1.951 *19*	^{95}Tc(20.0 h)	765.794(93.82), 1073.71(3.74), 869.60(0.317)
947.7 *2*	1.62 *15*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
947.72 *20*	0.49 *9*	^{122}In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
947.73 *7*	9.2 *5*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
947.75 *24*	0.00053 *6*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
• 947.80 *15*	0.157 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 947.835 *15*	0.959 *14*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
947.86 *16*	0.010 *5*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
947.86 *4*	4.01 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
947.90 *10*	1.17 *5*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
947.9 *4*	0.30 *9*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
947.984 *11*	0.109 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
948.0 *7*	0.008 *4*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
• 948.0	0.011	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
948.0 *1*	0.44 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
• 948.0 *3*	0.068 *11*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
948.0 *15*	†4	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
948.0 *8*	0.0075	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
948.0 *2*	0.09 *3*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
• 948.03 *7*	0.00069 *23*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
948.04 *4*	0.854 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
948.1 *2*	78 *10*	^{90}Tc(8.7 s)	
948.1 *2*	100	^{90}Tc(49.2 s)	1054.3(100), 944.7(36.6), 809.8(34.3)
948.1 *1*	0.38 *3*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
948.1 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 948.29 *4*	2.16 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
• 948.3 *3*	0.022 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
948.3 *5*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
948.37 *10*	0.67 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
948.4 *5*	0.288 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
948.4 *3*	0.59 *15*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
948.4 *3*	2.73 *25*	^{127}In(3.66 s)	252.3(38), 3074(2.85), 832.8(1.98)
948.41 *30*	0.08 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
948.46 *10*	0.172 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
948.49 *5*	1.17 *6*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
948.5 *5*	0.027 *5*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
948.5 *6*	0.268 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
948.5 *6*	0.141 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
948.5 *2*	0.24 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
948.542 *4*	2.26 *3*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
948.6 *5*	0.30 *8*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 661.5(5.1)
948.6 *2*	0.097 *9*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
948.6		^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
948.6 *1*	0.047 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
948.6 *3*	†4.8 *19*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
948.7 *10*	0.25 *5*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
• 948.71 *3*	0.0880 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
• 948.72 *7*	0.35 *3*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
948.8 *1*	†34.5 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
948.85 *11*		^{102}Nb(1.3 s)	397.69, 847.37, 551.54

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
948.85 *11*	17.6 *20*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
948.9 *5*	0.34 *12*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
948.9 *6*	0.09 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
948.98 *7*	0.23 *2*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
949.0 *4*	1.47 *22*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
949.0 *1*	0.071 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
949.0 *12*	0.19 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
949.05 *15*	0.074 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 949.08 *10*	1.609 *15*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
949.09 *17*	0.53 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
949.09 *8*	†2.44 *17*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
949.1 *3*	†7.3 *12*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
949.1 *1*	10.6 *3*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
949.2 *3*	0.27 *7*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
949.2 *3*	0.21 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
949.2 *3*	0.66 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
949.2 *3*	†0.7 *2*	^{152}Yb(3.1 s)	482.4(†100), 141.7(†13), 316.9(†7)
949.2 *6*	0.18 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
949.24 *5*	1.04 *7*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
949.3 *3*	0.00036 *6*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
949.35 *65*	0.064 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
949.4 *5*	0.19 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
949.4 *3*	0.052 *9*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
949.4 *10*	0.57 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
949.4 *2*	4.25 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
949.5 *3*	0.029 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
• 949.52 *25*	0.19 *4*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
• 949.53 *5*	0.077 *4*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
949.59 *19*	0.31 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 949.590 *20*	0.240 *6*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
949.6 *3*	0.069 *16*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
949.63 *8*	0.22 *4*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
949.7 *2*	0.36 *6*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
949.7 *7*	0.21 *7*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
949.7 *1*	0.68 *4*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
949.7 *3*	0.0142 *17*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 949.78 *7*	0.0582 *21*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
949.8 *3*	0.966 *10*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
949.8 *2*	0.00134 *13*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
949.8 *4*	1.0 *2*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
949.8		^{157}Lu(5.0 s)	967.5, 880.5, 875.7
949.8 *3*	0.30 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
949.82 *3*	0.120 *10*	^{93}Mo(6.85 h)	689.07(0.070), 541.32(0.060), 385.31(0.060)
949.99 *8*	0.055 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
950.0 *10*	0.008 *3*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
950.0	†2	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
950.0 *2*	0.90 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
950.00 *20*	0.18 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
950.1 *2*	0.18 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
950.1 *2*	0.046	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
950.14 *18*	†2.4 *3*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
950.19 *5*	2.21 *24*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
• 950.2 *4*	0.006 *3*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
950.2 *3*	†4.0 *8*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
950.2 *2*	1.00 *12*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
950.3 *5*	0.42	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
950.33 *15*	0.159 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 950.37 *7*	0.057 *10*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
950.4 *5*	0.41 *16*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
950.4 *2*	0.24 *7*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
950.49 *12*	0.038 *10*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
950.50 *24*	0.71 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
950.6 *3*	0.64 *3*	^{109}Sb(17.0 s)	925.4(32), 1062.8(23.9), 664.5(20.1)
950.6 *10*	0.022 *13*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
• 950.6 *2*	0.00022 *6*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
950.77 *17*	7.5 *4*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
950.8	0.39	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
950.8	0.015 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 950.80 *3*	0.389 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
950.85 *20*	0.082	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
950.85 *7*	0.192 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
950.9 *3*	1.9 *4*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 950.96 *3*	>2.9×10^{-5}	^{85}Sr(64.84 d)	514.0067(96), 868.5(0.0120), 151.159(0.0012)
• 950.967 *18*	2.755 *9*	^{166}Ho(1.20×10^{3} y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
• 950.987 *26*	0.519 *7*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
950.99 *7*	1.27 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
951.0 *4*	2.0 *5*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
951	0.022 *13*	^{211}Pb(36.1 m)	404.853(3.78), 832.01(3.52), 427.088(1.76)
951.1 *2*	0.29	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
951.1 *22*	0.00055 *6*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
951.1 *5*	0.23	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 951.190 *10*	0.00028 *3*	^{115}Cd(53.46 h)	336.240(45.9), 527.900(27.45), 492.3(8.03)
951.2 *1*	0.15 *3*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
951.3	0.0026 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
951.3 *6*	0.028 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
951.36 *12*	0.020 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
951.37 *10*	0.0145 *11*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
951.39 *2*	0.330 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
951.39 *30*	0.18 *5*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
951.4 *10*	0.0139 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
951.46 *16*	0.084 *13*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
951.5 *5*	†29 *18*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
951.5 *8*	0.25 *5*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
951.51 *7*	0.22 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
• 951.54 *9*	0.029 *4*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
• 951.6 *6*	0.016 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
951.7 *3*	0.079 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
951.7 *5*	0.058 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
951.8 *3*	0.0102 *9*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
951.8 *2*	†1.7 *2*	^{82}Ge(4.60 s)	1091.90(†100), 843.24(†9.3), 248.84(†4.0)
951.80 *10*	1.95 *10*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
951.8 *3*	†3.3 *6*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
951.8 *4*	0.37 *14*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
951.85 *20*	0.058 *13*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
951.86 *10*	0.070 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
951.9		^{130}Pr(40.0 s)	499.0, 1405, 1282
951.9 *2*	0.88 *8*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
951.9 *3*	0.163 *20*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 951.9 *3*	0.098 *16*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
951.91 *4*	2.72 *9*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
951.95 *5*	0.828 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 951.95 *5*	1.65 *14*	^{230}Pa(17.4 d)	918.48(8.2), 454.95(6.27), 898.68(5.8)
952	>0.009	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
952.0 *3*	0.028 *9*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
952.00 *5*	0.93 *6*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
952.0	0.008 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
952.0 *5*	0.07 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
952.00 *20*	0.16 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 952.02 *3*	0.368 *17*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
952.02 *3*	0.64 *4*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
952.1 *2*	0.89 *4*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
952.120 *11*	0.17 *3*	^{212}Bi(60.55 m)	727.330(6.58), 1620.50(1.49), 785.37(1.102)
952.123 *12*	1.66 *18*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
952.2 *14*	†2	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
952.2 *3*	2.9 *4*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
952.25 *17*	1.63 *7*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
952.3 *10*	0.31	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
952.33 *8*	0.14 *3*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
952.33 *22*	0.39 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
952.4 *2*	2.73 *18*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
952.4 *6*	4 *3*	^{100}Nb(2.99 s)	535.60(97.0), 600.5(65.0), 1280.6(23.8)
952.4 *5*	†18	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
952.44 *7*	1.69 *6*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
952.5 *10*	0.8 *3*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
952.5 *3*	0.37 *4*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
952.54 *10*	5.0 *4*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
• 952.55 *25*	0.0417 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
952.58 *23*	0.107 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
952.59 *10*	4.7	^{130}In(0.32 s)	1905.17(74), 129.80(61), 1221.24(60)
952.59 *10*	11	^{130}In(0.32 s)	1905.17(74), 129.80(61), 1221.24(60)
952.6 *3*	1.50 *9*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
952.611 *15*	0.055 *4*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
952.66 *15*	0.74 *7*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
• 952.68 *3*	0.0106 *4*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
952.7 *1*	0.159 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
952.7 *5*	†1.7 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
952.7 *1*	0.082 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
952.70 *7*	†21	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 952.711 *28*	0.139 *11*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
952.73 *11*	0.50 *25*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
952.78 *10*	0.0151 *14*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
952.8 *3*	0.040 *12*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
• 952.8 *1*	0.00087 *9*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
• 952.82 *15*	0.09 *4*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
952.9 *4*	0.20 *3*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
952.9 *3*	0.97 *15*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
952.9 *3*	0.47 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
952.92 *8*	0.24 *10*	^{182}Hf(61.5 m)	942.80(18.8), 799.64(9.4), 114.3152(6.2)
952.93 *6*	1.65 *10*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
953.0 *3*	0.053 *14*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
953.0 *5*	†1.4 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
953.0 *10*	†1.4 *2*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
953.0 *10*	0.05 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
953 *2*	0.017 *9*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
953.02 *5*	1.19 *7*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
953.05 *10*	0.52 *10*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
953.1 *3*	0.49 *12*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
953.1 *5*	0.028 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
953.18 *20*	0.107 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
953.18 *13*	0.57 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
953.18 *13*		^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
953.20 *20*	0.78 *20*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
• 953.20 *8*	0.045 *7*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
953.24 *16*	0.33 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
953.3 *5*	0.10 *3*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
953.3 *2*	0.0226 *17*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
953.31 *7*	3.52 *14*	^{92}Sr(2.71 h)	1383.93(90), 430.49(3.28), 241.56(2.92)
953.33 *9*	†1.13 *12*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
953.37 *15*	0.0151 *14*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
• 953.41 *11*	0.097 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
953.42 *16*	3.6 *9*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
• 953.45 *6*	0.0053 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
953.53 *4*	4.26 *12*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 4166.3(3.8)
953.6 *3*	0.0220 *22*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
953.6 *2*	0.024 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
953.63 *3*	0.25 *3*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
953.7 *4*	†7.2 *22*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
953.8 *5*	0.49 *10*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
953.8 *4*	0.051 *14*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
953.8 *3*	21.4 *20*	^{97}Sr(426 ms)	1905.0(25), 652.2(11.4), 307.1(10)
953.9 *4*	0.17 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
953.9 *3*	0.35 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
953.9 *3*	0.0013 *4*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
953.97 *8*	1.24	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
954.0 *5*	0.27 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
954.00 *20*	16	^{95}Y(10.3 m)	2175.6(7.00), 3576.0(6.4), 1324.0(4.91)
• 954.0 *2*	1.20 *10*	^{126}Sb(12.46 d)	695.03(100), 666.331(100), 414.81(83.3)
954.0 *15*	0.016 *3*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
954.0 *3*	0.069 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
954.000 *9*	1.97 *20*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
954.0 *2*	2.0 *6*	^{176}Re(5.3 m)	240.17(48), 109.08(25.0), 848.7(4.0)
• 954 *1*	0.16 *4*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
954.05 *13*	0.509 *21*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
954.10 *14*	0.089 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
954.1 *8*	4.0 *11*	^{196}Pb(37 m)	253.1(27.0), 502.1(26.5), 366.5(11.1)
954.19 *9*	0.0123 *11*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
954.3 *2*	0.58 *8*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
• 954.30 *15*	0.224 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
954.4 *3*	0.025 *12*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
954.45 *4*	7.8 *5*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
954.5 *3*	>0.0035	^{65}Ni(2.5172 h)	1481.84(24), 1115.546(15.43), 366.27(4.81)
954.5 *2*	0.0084 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
954.5 *3*	1.15 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
954.53 *12*	0.028 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
954.55 *9*	17.6 *5*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 522.65(16.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 954.6 *3*	0.0018 *14*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
• 954.61 *3*	0.0328 *5*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
954.7 *3*	0.09 *3*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
954.7 *2*	2.0 *5*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
954.7 *6*	0.030 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
954.7 *3*	0.08	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
954.78 *17*	†1.8 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 954.8 *10*	0.19 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
954.8 *10*	0.63 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
954.86 *4*	1.381 *20*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
954.9 *2*	†181 *38*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
954.9	0.10	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
955.0 *5*	5.0 *8*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
955 *20*	†17	^{189}W(11.5 m)	258(†100), 417(†96), 550(†28)
955 *1*	0.0054	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
955.08 *10*	†50 *8*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 67.432(†38)
955.09 *14*	0.100 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
955.1 *3*	0.36 *7*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
955.19 *19*	0.033 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
955.2 *5*	0.10 *3*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
955.2 *2*	†2.2 *7*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
955.2 *3*	8	^{149}Tm(0.9 s)	796.2(18), 158.8(12.3), 416.7(11)
955.20 *8*	1.46 *20*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
• 955.28 *13*	0.0188 *21*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
955.3 *2*	0.028 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
955.3 *3*	0.56 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
955.3 *3*	0.14 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
• 955.3 *4*	0.025 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
955.3 *4*	0.33 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
955.3 *5*	0.21 *6*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
955.32 *13*	†1.1 *11*	^{27}Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
955.35 *20*	1.04 *4*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
955.35 *8*	0.0078 *4*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
955.4 *3*	†0.93 *9*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
955.4 *5*	0.69 *4*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
955.4	0.31 *15*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 955.40 *2*	3.1×10^{-8} *3*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
955.5 *4*	<0.05	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
955.5 *6*	0.038 *3*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
955.50 *20*	0.017 *5*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
955.6 *10*		^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
955.6 *4*	0.095 *4*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
955.7 *20*	0.06 *3*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
955.7 *1*	0.049 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
955.7 *2*	0.35 *5*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 955.7	†5.8×10^{3} *6*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
955.71 *5*	0.47 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
955.74 *16*	0.32 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
955.8 *4*	†3.0 *6*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
• 955.832 *5*	3.84 *11*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
955.84 *8*	2.20 *11*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
955.84 *1*	1.80 *6*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
955.90 *10*	12.4 *10*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
956.0 *2*	0.064 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
956.0 *3*	†22 *3*	^{147}Ho(5.8 s)	189.1(†100), 883.9(†100), 486.7(†61)
956.2 *3*	4.2 *6*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
956.20 *25*	0.51 *11*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
956.22 *22*	0.48	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 956.22 *22*	0.47 *8*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
956.3 *3*	4.6 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
956.4 *5*	0.041 *5*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
• 956.4 *5*	0.017 *10*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
956.4 *3*	0.9 *3*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
956.5 *1*	0.435 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 956.5 *1*	1.6 *3*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
956.6 *2*	0.042 *15*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
956.68 *7*	1.09 *7*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
956.7 *2*	0.195 *19*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
956.7 *5*	0.81 *22*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
• 956.7 *4*	0.040 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
956.7 *5*	7.9 *22*	^{172}Ho(25 s)	133.6(36), 178.0(23), 757.2(18)
956.7 *4*	0.06	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
956.8 *10*	3.74 *20*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
956.9 *8*	0.34 *8*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
• 956.9 *1*	0.0013 *4*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
956.9	†7.5	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
956.9 *3*	6.8 *3*	^{154}Pr(2.3 s)	162.4(15), 932.1(11.7), 70.8(11.22)
956.9 *7*	0.23 *4*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
956.93 *12*	0.040 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
957.00 *18*	†0.69 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
957.0 *10*	0.012 *8*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
957.0 *3*	0.40 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
957.0 *10*	0.103 *19*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
957.1 *2*	†1.27 *16*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
957.1 *10*	0.0086 *22*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
957.2 *8*	0.076 *14*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
957.2 *1*	0.39 *10*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
957.2 *3*	0.051 *11*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
957.2 *4*	3.0 *8*	^{183}Lu(58 s)	1125.3(25.0), 1056.8(16.5), 168.1(7.5)
957.25 *5*	1.06 *7*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
957.27 *21*	†6.7 *10*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
957.3 *4*	0.77 *9*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
957.3 *5*	0.4 *1*	^{123}In(5.98 s)	1130.5(63), 1019.7(32), 618.8(2.6)
957.3 *4*	0.067 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
957.3 *2*	†2.12 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
957.33 *6*	†18	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 957.37 *9*	0.0075 *9*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
957.4 *2*	0.79 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
957.4 *4*	0.12 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
957.40 *8*	4.5×10^{-5} *6*	^{176}Lu(3.635 h)	88.34(0.55640), 1159.28(0.00139), 1061.61(0.000762)
957.40 *8*	0.6	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
957.5 *1*	0.041 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
957.59 *17*	8	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
957.59 *20*	0.98 *10*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
• 957.6 *5*	0.0018 *9*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
957.6 *4*	0.36 *6*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
957.6	†1.7	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 957.6 *3*	3.2×10^{-8} *3*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
957.7 *2*	0.47 *8*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
957.7 *2*	†4.09 *20*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
957.70 *10*	5.9 *5*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
957.75 *7*	0.282 *12*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
957.8 *3*	1.27 *22*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
957.8 *1*	†1.80 *18*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
957.9 *4*	0.11 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
957.9 *4*	0.55 *20*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
957.9 *4*	0.36 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
957.96 *7*	0.0438 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
958.0 *3*	0.96 *10*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 958.0 *6*	0.014 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
958.0 *6*	†0.63 *25*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
• 958.0 *20*	0.06 *3*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
958.0 *2*	0.72 *8*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
958.0 *2*	0.84 *9*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
• 958.0 *2*	<1×10^{-7}	^{240}Pu(6563 y)	45.242(0.0450), 104.234(0.00708), 160.308(0.000402)
958.1 *3*	1.31 *11*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
958.1 *4*	<0.33	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
• 958.10 *12*	0.0062 *5*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
958.18	0.06 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
958.18 *4*	0.65 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
958.2 *5*	0.21 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
958.2 *1*		^{125}La(76 s)	67.6(34), 43.6(3.5), 985.2
958.20 *14*	1.97 *12*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
958.22 *24*	0.088 *20*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
958.23 *6*	3.95 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
• 958.25 *20*	0.016 *7*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
958.5 *1*	0.066 *5*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
958.6 *1*	0.61 *19*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
958.6 *2*	0.51 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
958.61 *5*	0.29 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
958.61 *5*	0.6	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
958.62 *4*	0.26 *4*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
958.63 *5*	0.06 *3*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
• 958.63 *5*	0.0230 *21*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
958.7 *1*	1.54 *10*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
958.7 *3*	†2.3 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
958.7 *3*	0.00060 *15*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 958.7 *3*	†0.0039 *7*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
958.77 *15*	0.19 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
958.8 *2*	0.37 *6*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
958.8 *5*	13	^{146}La(10.0 s)	258.47(93), 409.86(81), 514.75(31)
958.82 *20*	0.50 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
958.89 *14*	0.025 *6*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
959.0 *2*	0.46 *4*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
959.0 *6*	0.020 *7*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
959.0	0.055 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
959.0 *3*	0.040 *12*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
959.00 *9*	8.8 *5*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
959.0	0.22	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
959.0 *2*	0.0073 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
959.1 *3*	2.4 *3*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)
959.1 *1*	1.69 *12*	^{240}Np(61.9 m)	566.34(25.3), 973.9(23.8), 600.57(18.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 959.1 *1*	0.037 *4*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
959.14 *8*	0.242 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
959.14 *15*	0.343 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
959.2 *5*	>0.06	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
959.2 *2*	0.189 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 959.2 *2*	0.44 *11*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
959.22 *5*	0.007	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
959.24 *5*	0.0701 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
959.35 *19*	0.105 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
959.36	4.7	^{144}Tb(4.25 s)	743.0(12), 1001.6(7), 558.0(4.6)
959.4 *9*	0.25 *14*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
959.5 *2*	†13.3 *27*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
959.5 *3*	0.35 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
959.5 *2*	0.9 *6*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
• 959.6 *2*	0.50 *10*	^{126}Sb(12.46 d)	695.03(100), 666.331(100), 414.81(83.3)
959.6 *4*	0.42 *9*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
959.6 *10*	0.026 *20*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
959.6 *15*	0.22 *5*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
959.66 *5*	0.0322 *14*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
• 959.7 *3*	0.063 *7*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
959.70 *7*	0.24 *12*	^{202}Au(28.8 s)	439.59(10.0), 1125.20(2.30), 1306.38(2.25)
• 959.70 *7*	0.069 *6*	^{202}Tl(12.23 d)	439.59(91), 520.11(0.58)
• 959.7296 *6*	0.348 *5*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
959.7296 *6*	0.54 *13*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 959.7296 *6*	0.20 *4*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
959.79 *18*	0.214 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
959.8 *5*	0.15 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
959.8 *2*	0.039 *4*	^{143}Sm(66 s)	687.7(0.19)
• 959.86 *9*	1.962 *19*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
959.9 *2*	0.23	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
959.9 *2*	0.22 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
• 959.9	$<5\times10^{-8}$	^{240}Pu(6563 y)	45.242(0.0450), 104.234(0.00708), 160.308(0.000402)
959.99 *13*	0.157 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
960.0 *3*	†22	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
960.0 *10*	†12.4 *12*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
960.0 *10*	0.46 *20*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
960.0 *10*	0.29 *6*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
960.0 *1*	0.072 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
960.0 *10*	$\dagger9\times10^{02}$ *3*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
960.01 *5*	>0.040	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
960.06 *4*	0.75 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
960.09 *7*	†1.52 *13*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
960.09 *7*	†1.5	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
960.1 *10*	3.6 *14*	^{73}Kr(27.0 s)	177.8(65.8), 62.5(19.1), 454.8(15)
960.1 *2*	0.218 *20*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
960.17 *5*	0.00131 *8*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
960.2		^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
960.2 *5*	0.14 *5*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
960.2 *3*	0.0054 *22*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
960.29	0.03 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
960.3 *4*	15.8 *10*	^{29}Mg(1.30 s)	2223.9(38), 1397.9(17.3), 1754.1(10.4)
960.4 *3*	0.12 *6*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
960.42 *10*	0.32 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
960.43 *29*	0.39 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
960.5 *5*	0.06 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
960.5 *5*	†1.2 *4*	^{110}Tc(0.92 s)	240.67(†100), 372.1(†17.0), 613.0(†16.0)
960.5 *3*	0.064 *18*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 960.55 *12*	1.45 *3*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
960.55 *14*	†29 *4*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
960.6 *5*	0.056 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 960.622 *20*	23.4 *5*	^{169}Lu(34.06 h)	191.2137(20.6), 1449.74(9.92), 889.753(5.36)
960.67 *5*	99	^{202}Bi(1.72 h)	422.18(83.7), 657.49(60.6), 954.45(7.8)
960.7 *1*	1.68 *10*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
960.7 *2*	0.21 *7*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
960.7 *8*	0.173 *19*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
960.7		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
• 960.754 *20*	0.0922 *24*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)
960.77 *12*	0.076 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
960.8 *8*	0.0068	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
960.86 *20*	0.34 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
960.9 *6*	0.25 *21*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
960.92 *12*	1.37 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
961.0 *4*	0.6	^{99}Zr(2.1 s)	469.140(55), 546.13(48.6), 593.990(27.4)
961.0 *20*	0.032 *5*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
• 961.0 *6*	0.15 *3*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
961		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
961.05 *20*	0.32 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
961.055 *10*	1.61 *6*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
961.06 *22*	1.92 *9*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 963.37(1.83)
961.06 *22*	0.204 *10*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
961.09 *4*	0.017	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
961.2 *3*	49.9 *12*	^{52}Ca(4.6 s)	675.2(62.4), 1636.4(35.6), 2070.4(11.2)
961.2 *3*	0.8 *1*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
961.2 *4*	0.021 *5*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
961.2 *2*	0.20 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
961.2 *7*	0.231 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
961.22 *8*	†18.3 *13*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
961.3 *5*	0.08	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
961.3 *4*	0.46 *19*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
961.3 *3*	0.18 *4*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
961.39 *14*	2.18 *7*	^{55}V(6.54 s)	517.71(73), 880.70(18.1), 921.10(4.6)
961.4		^{130}Pr(40.0 s)	951.9, 499.0, 1405
• 961.4 *5*	0.010 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
961.4 *2*	0.202 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
961.4 *5*	12 *3*	^{172}Ho(25 s)	133.6(36), 178.0(23), 757.2(18)
961.4 *4*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
961.4 *3*	†16.3 *14*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
961.43	0.15 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
961.439 *20*	0.44 *5*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
• 961.478 *12*	0.033 *13*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
961.5 *1*	4	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
961.5 *4*	0.27 *13*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
961.6	0.41	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
961.6 *6*	0.29 *11*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
961.61 *12*	0.121 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
961.62 *10*	0.130 *7*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
961.68 *15*	0.161 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 961.76 *9*	0.0224 *24*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
961.8 *4*	0.16 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
961.83 *6*	0.083 *10*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
961.84 *3*	4.69 *3*	^{105}Cd(55.5 m)	346.870(4.20), 1302.459(3.98), 607.220(3.74)
• 961.92 *8*	0.211 *18*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
962.0 *5*	0.05 *1*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
962.0 *5*	0.016 *8*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
962.0 *1*	3.4 *8*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
962.0 *10*	†5	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
962.00 *8*	3.38	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
962 *1*	0.010 *5*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
962.01 *11*	0.0030 *4*	^{45}Ti(184.8 m)	720.22(0.154), 1408.6(0.085), 1662.4(0.041)
962.06 *4*	6.5 *3*	^{63}Zn(38.47 m)	669.62(8), 1412.08(0.75), 449.93(0.236)
962.06 *4*	1.58 *10*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 962.06 *4*	20.3 *4*	^{158}Tb(180 y)	944.09(44), 79.5104(11.6), 181.930(9.9)
962.1 *4*	1.44 *20*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
962.1 *10*	†1.3	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
962.11 *23*	0.096 *22*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
962.18 *15*	12.0 *5*	^{133}Sn(1.44 s)	5150.1(0.52), 5612.3(0.44), 4598.2(0.16)
962.2 *4*	0.151 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
962.2 *4*	0.38 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
962.2 *3*	0.046 *5*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
962.3 *2*	0.0120 *15*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
• 962.317 *4*	9.91 *7*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
962.317 *4*	†59.1 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 966.171(†54.5)
962.317 *4*	25.6 *11*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 645.40(24.7)
962.4 *5*	†10 *2*	^{130}Sn(1.7 m)	144.9(†100), 899.2(†49), 84.7(†42)
962.4 *4*	0.162 *23*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
• 962.43 *7*	0.124 *10*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
962.43 *7*	†<2.5×10^{2}	^{105}Ag(7.23 m)	319.14(†63000), 306.25(†12800), 442.37(†5900)
962.44 *7*	0.060 *7*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
962.5 *15*	0.8 *4*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
962.5 *3*	0.45 *5*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
962.5 *4*	†5 *1*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
962.6 *1*	†2.78 *16*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
962.64 *11*	0.40 *3*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
962.64 *12*	1.09 *3*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
962.66 *10*	2.0 *3*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
962.70 *20*	0.54 *5*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
962.7 *5*	0.22	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
962.7 *3*	0.59 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
962.71 *4*	1.44 *6*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
962.71 *4*	1.25 *8*	^{90}Br(1.92 s)	411.49(3.88), 1097.82(0.91), 997.93(0.33)
962.74 *14*	0.05	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 962.77 *3*	0.70 *2*	^{238}Np(2.117 d)	984.45(27.8), 1028.54(20.3), 1025.87(9.6)
962.77 *3*	28	^{238}Am(98 m)	918.69(23.0), 561.11(10.9), 605.13(7.6)
• 962.77 *3*	5.3×10^{-7} *20*	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
962.80 *10*	0.54 *3*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
962.8 *1*	†0.57 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
962.8 *5*	0.38 *14*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
962.8 *9*	0.0014	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
• 962.85 *25*	0.0076 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
962.9 *4*	0.0005 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
962.96 *7*	0.218 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
963	†0.7	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 963	0.034 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
963.0 *2*	†252 *48*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
963.0 *2*	0.11 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
963.01 *9*	†3.01 *20*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
963.08 *11*	0.055 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
963.08 *9*	0.141 *11*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
963.1 *4*	1.7 *7*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
963.1 *3*	0.16 *3*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
963.1 *4*	3.5 *17*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 1098.0(12)
963.11 *6*	0.61 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
963.19 *19*	†2.7 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
963.2 *3*	1.04 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
963.2 *5*	>0.0044	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
963.2 *2*	†3.4 *7*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
963.37 *1*	1.83 *10*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
• 963.37 *1*	0.134 *4*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
963.37 *1*	12.01 *10*	^{152}Eu(9.274 h)	841.586(14.6), 121.7824(7.21), 1389.00(0.770)
963.40 *30*	0.13	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
963.5 *2*	1.52 *13*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
963.5 *2*	460	^{93}Rb(5.84 s)	814.98(†27000), 569.8(†800), 393.5(†380)
963.5 *4*	0.105 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
963.6 *4*	0.16 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
963.6 *5*	0.14 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
963.6	0.035 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
963.69 *13*	0.364 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
963.7 *8*	2.6 *3*	^{65}Co(1.20 s)	1141.7(4.0), 310.6(2.90), 1210.9(1.62)
963.7 *3*	0.093 *25*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
963.7 *3*	3.6 *3*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
963.85 *4*	22.0 *9*	^{100}Sr(202 ms)	898.50(18.9), 65.46(15.2), 10.68(9.7)
963.85 *9*	0.365 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
963.9 *3*	0.074 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
963.9 *10*	0.193 *20*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
963.95 *3*	0.025 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
963.96 *3*	†7.5 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
964 *1*	0.10 *3*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
964.0 *7*	2.6 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
964.0 *3*	0.54 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
964.0 *8*	0.0015 *8*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
• 964.0 *8*		^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
964.0 *3*	1.29 *16*	^{171}Re(15.2 s)	568.4(16.1), 102.0(9.7), 1066.0(8.1)
964.0 *7*	0.042 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
964.01 *6*	0.93 *4*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
964.05 *7*	0.129 *9*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
964.08 *3*	0.38 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 964.09 *5*	0.342 *18*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
964.1 *5*	0.0069 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
964.1 *7*	0.019 *10*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
964.1 *2*	0.34 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
964.1 *4*	0.28 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
964.131 *9*	0.058 *17*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
964.131 *9*	1.69 *14*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 964.131 *9*	14.34 *19*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 1112.116(13.55)
964.2 *4*	0.058 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
964.2 *1*	0.104 *9*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 964.22 *10*	0.037 *4*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
964.30 *12*	0.064 *10*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
964.3 *2*	†85 *3*	^{201}Po(8.9 m)	967.4(†100.0), 411.9(†33.0), 537.5(†24.8)
964.30 *4*	0.09	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
964.32 *15*	0.52 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
964.4 *4*	1.4 *3*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
964.4 *5*	0.67 *8*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 661.5(5.1)
964.4 *5*	0.20 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
• 964.4 *5*	3.1×10^{-6} *9*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
• 964.4 *4*	0.0047 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
• 964.4 *4*	0.030 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 964.4 *3*	0.030 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 964.479 *9*	0.0681 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
964.5 *9*	0.033 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
964.53 *27*	0.62 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
964.57 *8*	0.70 *7*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
964.6 *3*	0.5 *3*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
964.6 *10*	3.6 *4*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
964.64 *5*	0.77 *6*	^{71}Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
964.64 *5*	4.3 *5*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
964.69 *5*	0.0176 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
964.74 *13*	0.207 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
964.770 *10*	5.11 *13*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
964.770 *10*	4.25 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 968.971(3.88)
964.89 *3*	0.330 *17*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
964.9 *2*	0.12 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
964.9 *2*	58.7 *12*	^{120}In(47.3 s)	1171.3(100), 1023.1(97.4), 197.3(80.6)
964.9 *2*	†7.6 *15*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
964.9 *3*	0.33 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
964.9 *5*	0.3 *1*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
964.9 *3*	0.13 *3*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
964.93 *6*	15.6 *11*	^{80}Zn(0.545 s)	712.53(45.1), 715.40(33.8), 685.60(15.3)
964.97 *19*	0.21 *7*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
965.0 *10*	0.010 *5*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
965 *3*	0.09 *3*	^{185}Ta(49.4 m)	177.59(25.7), 173.68(22.6), 65.86(3.9)
965 *1*	0.010 *5*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
965.01 *11*	0.217 *17*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
965.01 *3*	0.16 *4*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
• 965.1 *3*	0.0039 *7*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
965.1 *4*	0.42 *8*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
965.2 *3*	0.30 *6*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
965.3 *3*	0.82 *10*	^{153}Tm(1.48 s)	299.3(6), 765.5(1.92), 205.2(0.61)
965.4 *1*	†41 *23*	^{194}Bi(106 s)	1308.3(†100), 671.8(†55), 773.5(†31)
965.4 *1*	†100.0 *15*	^{194}Bi(92 s)	575.1(†98.0), 280.1(†73.7), 421.1(†59.9)
965.40 *10*	0.44 *4*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
965.5 *3*	1.20 *12*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
965.5 *2*	†50 *6*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
965.5 *2*	†50 *6*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
965.58 *11*	0.103 *11*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
965.58 *10*	0.0021	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
965.6 *6*	1.5 *4*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
965.63 *5*	0.53 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
965.7 *6*	0.14 *3*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
965.8 *2*	0.08 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
965.8 *5*	0.035 *8*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
965.8 *4*	0.10 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
965.8 *2*	0.54 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
965.8 *1*	0.47 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
965.95 *6*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
965.95 *6*	0.77 *15*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
966 *2*	0.27 *8*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
966.0 *1*	0.66 *12*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
966.0 *3*	0.124 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
• 966 *1*	>0.031	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
966.0 *5*	1.5 *4*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
966.1 *4*	0.0264 *8*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
966.1 *5*	1.95 *9*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
• 966.171 *3*	25.21 *15*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 1177.962(15.07)
966.171 *3*	†54.5 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
966.171 *3*	21.9 *11*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
966.2 *3*	9.0×10^{-5} *3*	^{109}Pd(13.7012 h)	88.04(1.171), 311.4(0.032), 647.3(0.024)
966.2	0.090 *10*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
966.2 *3*	0.30 *6*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
966.2	0.17	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
966.24 *22*	†1.6 *3*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
966.24 *20*	0.17 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
966.25 *11*	0.034 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
966.3 *5*	0.38 *7*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
966.34 *10*	0.64 *3*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
966.4 *10*	0.038 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
966.4 *2*	0.045 *3*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
966.4 *4*	0.19 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
966.4 *6*	7.7 *5*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
966.4 *3*	†1.3 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
966.45 *3*	0.395 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
966.48 *4*	0.035 *3*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
966.5 *7*	0.09 *5*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
966.6 *2*	0.55 *13*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
966.6 *3*	0.020 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
966.7 *5*	2.7 *8*	^{135}Nd(12.4 m)	204.02(52), 41.43(23), 441.2(14.9)
966.7 *2*	†8.8 *9*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
966.8 *2*	0.22 *3*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
• 966.85 *20*	0.143 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
966.89 *7*	0.15	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
966.89 *7*	9.0 *8*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 1175.93(4.16)
966.90 *5*	0.36 *5*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
966.9 *2*	0.91 *8*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
• 966.9 *2*	$<5\times10^{-8}$	^{240}Pu(6563 y)	45.242(0.0450), 104.234(0.00708), 160.308(0.000402)
967.0 *2*	0.087 *17*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
967.0 *2*	0.18	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
967.0 *3*	†6.8 *20*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
967.0 *12*	0.19 *8*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
967.0 *2*	†17.9 *13*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
967	†<4	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
967.02 *3*	0.88 *3*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
967.06 *9*	0.130 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
967.10 *20*	0.95 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
967.1 *2*	19.3 *16*	^{100}Nb(2.99 s)	535.60(97.0), 600.5(65.0), 1280.6(23.8)
967.1 *3*	0.23 *7*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
967.1 *1*	†6.3 *10*	^{103}Nb(1.5 s)	102.64(†100), 641.1(†55), 538.5(†34.0)
967.2 *7*	0.48 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
• 967.2 *6*	0.014 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
967.23 *6*	0.122 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
967.23 *36*	0.08 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
967.29 *35*	0.104 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
967.3 *5*	0.067 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 967.306 *17*	2.70 *6*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
967.33 *11*	0.214 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
967.40 *40*	0.39 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
967.4 *6*	0.017 *17*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
967.4 *5*	0.034 *6*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
967.4 *2*	†3.4 *4*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
967.4 *2*	†100.0 *15*	^{201}Po(8.9 m)	964.3(†85), 411.9(†33.0), 537.5(†24.8)
967.44 *4*	0.0083 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
967.46 *5*	2.14 *12*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
967.5 *3*	0.160 *19*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
967.5		^{157}Lu(5.0 s)	949.8, 880.5, 875.7
967.5 *3*	†7.5 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
967.5 *3*	0.106 *10*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
967.58 *12*	0.207 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
967.58 *12*	0.022 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
967.6	0.032 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
967.80 *9*	0.26 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 967.89 *5*	0.190 *9*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
967.9 *6*	0.21 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
967.94 *15*	0.091 *13*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
968.0 *2*	0.38 *6*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
968.0 *4*	0.13 *4*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
968 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
• 968.0 *4*	0.0027 *17*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
968.0 *2*	0.10 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
968.1 *8*	0.022 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
968.1 *2*	0.172 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
968.1 *3*		^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
968.2 *4*	0.024 *8*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
968.2 *7*	0.16 *5*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
968.2 *4*	0.47 *6*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
968.2 *7*	0.12 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
968.2 *9*	0.011	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
• 968.201 *4*	1.888 *20*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 968.201 *4*	0.411 *6*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
968.3 *3*	2.5 *3*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)
968.3 *4*	0.043 *12*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
968.328 *7*	1.07 *4*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
• 968.368 *14*	2.8×10^{-8}	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
968.4 *9*	>0.0023	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
• 968.4 *3*	0.114 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
968.4 *2*	0.14 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
968.4 *3*	†14	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
968.5 *2*	0.081 *5*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
968.50 *10*	0.33 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
968.5 *7*	0.034 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
• 968.6 *5*	0.050 *11*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
968.6 *5*	>0.22	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 699.0(13.4)
968.7	0.12	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
968.7 *8*	†100	^{178}Os(5.0 m)	1331.1(†94), 594.6(†72), 685.0(†65)
968.7 *3*	0.217 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
968.8 *1*	4.38 *23*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
968.8 *2*	2.7 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
968.8 *5*	3.31 *13*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
968.9 *2*	0.46 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
968.9 *3*	0.0162 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
• 968.9 *2*	0.0146 *16*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
968.9 *4*	†0.71 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 968.9 *4*	0.017 *6*	^{238}Np(2.117 d)	984.45(27.8), 1028.54(20.3), 1025.87(9.6)
968.92 *7*	0.0531 *24*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
• 968.94 *3*	0.0365 *19*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
968.971 *10*	16.2 *3*	^{228}Ac(6.15 h)	911.205(26.6), 338.322(11.3), 964.770(5.11)
968.971 *10*	3.88 *19*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
969.0 *10*	0.25 *6*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
969.0		^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
969.0 *2*	†133 *33*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
969 *1*	0.42	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
969	†<4	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
969.02 *21*	0.057 *13*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
• 969.05 *20*	0.058 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
969.05 *4*	0.0055 *11*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
969.07 *6*	2.6 *3*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
969.1 *8*	†0.36 *7*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
969.11 *10*	>0.36	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
969.19 *9*	0.011 *4*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
969.2 *4*	0.073 *16*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
969.2 *4*	0.009 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
969.30 *5*	0.45 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
969.3 *4*	0.041 *14*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
• 969.315 *11*	41.6 *19*	^{232}Pa(1.31 d)	894.351(19.8), 150.059(10.8), 453.655(8.61)
969.315 *11*	0.31 *5*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
969.4 *1*	0.56 *4*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
969.4 *6*	0.6 *3*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
969.4 *7*	0.036 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 969.4	0.0075 *20*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
969.44 *10*	2.10 *7*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
969.458 *20*	0.404 *13*	^{128}I(24.99 m)	442.901(17), 526.557(1.58), 1140.079(0.0103)
969.458 *20*	0.630 *19*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
969.5 *5*	0.52 *8*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 661.5(5.1)
969.6 *5*	0.38	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
• 969.6 *5*	3.1×10^{-6} *9*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
969.6 *3*	0.075 *15*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
969.61 *5*	14.9 *10*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 3886.82(4.7)
969.7 *3*	0.094 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 969.72 *15*	0.00080 *9*	^{97}Ru(2.9 d)	215.718(86), 324.48(10.79), 569.31(0.873)
969.72 *30*	0.032 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
969.79 *6*	4.65	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
• 969.81 *18*	0.07 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
• 969.86 *4*	0.373 *6*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 969.86 *4*	0.121 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
• 969.9 *2*	0.18 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
969.9 *7*	0.25 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
969.94 *5*	3.0 *5*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
969.94 *5*	52 *4*	^{124}In(2.4 s)	1131.64(100), 1072.85(47), 102.91(45)
970.0 *1*	2.57 *12*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 690.2(1.87)
970.0	0.07	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
970.0 *2*	39.9 *9*	^{97}Y(1.17 s)	1103.0(92.6), 161.4(71.8), 1091(56)
970.0 *4*	0.36 *13*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
970.0 *3*	†13	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
970.00 *20*	0.303 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
970.0 *10*	0.80 *23*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
970.0 *4*	0.00024 *12*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 970.0 *4*	†0.0019 *4*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
• 970 *1*	0.014 *4*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
970.1 *1*	0.027 *8*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
970.1 *5*	0.55 *6*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
970.1 *2*	1.7 *6*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
970.100 *15*	0.005 *4*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
970.100 *15*	0.0549 *21*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
• 970.20 *20*	0.112 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
970.3 *4*	0.084 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
970.38 *3*	0.604 *20*	^{152}Eu(9.274 h)	344.281(2.44), 1314.67(0.956), 271.135(0.076)
970.38 *3*	†22.0 *22*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
970.4 *3*	0.06 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
970.4 *4*	0.122 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
970.4 *5*	0.26 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
970.5 *3*	0.15 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
970.5 *2*	0.33 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
970.55 *6*	1.104 *16*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 970.55 *6*	0.0175 *24*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
970.6 *4*	0.81 *22*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
970.7 *15*	0.23 *10*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
970.7 *4*	†0.8 *3*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
970.75 *10*	†0.43 *4*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
970.77 *10*	0.38 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
970.8 *3*	0.136 *20*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
970.87 *10*	2.35 *13*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
970.9 *5*	0.062 *7*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
• 970.91 *15*	0.23 *3*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
971.0 *8*	0.0068 *23*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
971.0 *3*	0.31 *4*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
971 *1*	0.05 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
971.0 *3*	0.084 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
971.0 *5*	1.2 *3*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
971.0 *2*	0.125 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
971.0 *2*	0.262 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
971.06 *5*	1.22 *10*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
971.1 *2*	0.151 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
971.12 *5*	3.3 *4*	^{98}Nb(2.86 s)	787.374(13), 1023.73(6.1), 1432.22(3.4)
971.12 *5*	0.62 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
971.12 *35*	0.09 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
971.14 *19*	0.262 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
971.2 *3*	1.40 *19*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
971.3 *2*	†23 *6*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
971.32 *35*		^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
971.34 *15*	0.278 *17*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
971.34 *5*	0.52 *4*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
971.4 *3*	†6.0 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
• 971.41	0.07	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
971.43 *18*	0.27 *3*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
971.44 *4*	0.34 *6*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
971.44 *14*	0.31 *7*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
971.5 *4*	0.12 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
• 971.54 *3*	0.280 *6*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
971.6 *3*	0.081 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 971.7 *10*	†0.0006 *3*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
971.77 *9*	0.0028 *8*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
971.8 *1*	0.048 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
971.8 *2*	1.65 *17*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
971.85 *13*	0.75 *6*	^{202}Au(28.8 s)	439.59(10.0), 1125.20(2.30), 1306.38(2.25)
971.9 *4*	0.239 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
971.96	0.90 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
972.0 *2*	†5.9 *18*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
972.1 *3*	†4.5 *3*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
972.1 *3*	0.211 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 972.14 *20*	0.028 *9*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
972.2 *5*	†9 *2*	^{130}Sn(1.7 m)	144.9(†100), 899.2(†49), 84.7(†42)
972.2 *1*	8.9 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
972.2 *2*	0.22 *4*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
972.2 *8*	0.095 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
972.2 *2*		^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
972.2 *3*	†2.3 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
972.3 *4*	1 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
972.3 *5*	0.91 *13*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
972.3 *8*	0.00024 *8*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
972.32 *9*	0.068 *7*	^{92}Y(3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
972.34 *9*	0.98 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
972.36 *4*	0.081 *8*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
972.4	0.18	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
972.48 *10*	0.056 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 972.5 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 972.53 *4*	0.344 *22*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
972.550 *25*	0.454 *16*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
972.550 *25*	72 *5*	^{116}Sb(60.3 m)	1293.54(100), 542.872(52), 407.351(42)
972.6 *2*	0.62 *16*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
972.6 *5*	0.08 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
972.62	1.21 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
972.64 *11*	0.55 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
972.64 *19*	0.162 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 972.8 *8*	0.10 *7*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
972.8 *4*	0.53 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
972.9 *2*	0.78 *6*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
973 *1*	0.04 *1*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
973.0 *4*	0.015 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
973.0 *6*	0.15 *4*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
973.0 *3*	0.26 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
973.0 *7*	0.021 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
973.06 *10*	0.214 *13*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
973.07 *5*	0.672 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
973.10 *22*	0.056 *13*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
973.2 *2*	2.6 *3*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
973.2 *3*	†0.60 *7*	^{129}In(1.23 s)	315.3(†28), 1222.0(†2.5), 906.7(†1.6)
973.23 *10*	0.191 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
973.35 *13*	2.5 *5*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
973.37 *5*	0.47 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
973.37 *22*	0.13 *4*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
973.38 *4*	†4.5 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
973.4 *3*	0.39 *6*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
973.49 *15*	0.12	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
973.5 *6*	0.013 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
973.5 *2*	0.11 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
973.52 *17*	0.157 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
973.6 *1*	0.17 *4*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
973.6 *2*	1.64 *5*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
973.6 *3*	0.20 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
973.7 *2*	0.035 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
973.8 *20*	0.010 *4*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
973.8 *1*	0.142 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
973.8	†98 *7*	^{202}Po(44.7 m)	688.6(†1000), 316.0(†286), 165.7(†174)
973.9 *1*	0.040 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
973.9 *1*	99 *5*	^{132}Sb(2.79 m)	696.8(86), 989.6(14.9), 103.4(13.9)
973.9 *1*	100 *10*	^{132}Sb(4.10 m)	696.8(100), 150.6(66), 103.4(35)
973.9 *2*	†79 *12*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
973.9 *2*	†79 *12*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
973.9 *1*	23.8 *12*	^{240}Np(61.9 m)	566.34(25.3), 600.57(18.4), 895.8(13.6)
974 *1*		^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
974.0 *5*	0.112 *14*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
974.0 *4*	0.29	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
974.0 *2*	†2.7 *3*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
974		^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
974.02 *32*	0.12 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
974.08 *10*	0.49 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
• 974.09 *4*	0.0144 *10*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
974.09 *4*	†74 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
974.1 *5*	1.2	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
974.1 *5*	0.20 *4*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
• 974.1 *3*	0.118 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
974.14 *9*	0.068 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
974.17 *7*	0.44 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
974.2 *2*	0.019	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
974.2 *2*	0.018	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
974.2 *5*	0.52 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
974.204 *26*	0.640 *15*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
974.3 *2*	0.32 *5*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
974.3 *5*	0.09 *3*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
974.39 *10*	0.98 *6*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
974.4 *6*	1.8 *18*	^{116}Ag(10.4 s)	513.39(92), 705.82(61), 1028.90(30.4)
974.42 *15*	0.0058 *7*	^{45}Ti(184.8 m)	720.22(0.154), 1408.6(0.085), 1662.4(0.041)
974.5 *2*	0.60 *12*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
974.5 *4*	0.008 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
• 974.5 *3*	<1.9×10^{-8}	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
974.54 *3*	1.60 *10*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
974.54 *4*	0.0039	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
974.6 *1*	75 *8*	^{84}Y(40 m)	793.3(99), 1040.2(56), 660.9(15.7)
974.6 *3*	0.24 *6*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
974.6 *4*	0.08	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
974.610 *24*	0.088 *18*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
974.61 *3*	12.9 *5*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
974.670 *35*	4.8 *3*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
974.7 *2*	0.35 *4*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
974.7 *3*	0.103 *12*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
974.72	14.95 *22*	^{25}Na(59.1 s)	585.03(13.00), 389.70(12.68), 1611.711(9.48)
974.72	0.024 *3*	^{25}Al(7.183 s)	1611.711(0.79), 389.70(0.023), 585.03(0.023)
974.8	†5.5	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
974.90 *10*	2.8 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
974.9 *1*	3.08 *16*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
974.9 *4*	0.34 *5*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
974.9 *7*	0.037 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
974.91 *20*	0.025 *22*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
975.0	34	^{43}Ar(5.37 m)	738.1(15), 1439.5(13), 2344.7(7)
975.0 *4*	0.22	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
975.0 *5*	0.16 *4*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
• 975 *1*	>0.021	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
975.0 *6*	0.33 *12*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
975.0 *2*	0.19 *5*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
975 *1*	0.25 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
975.03 *12*	0.093 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
975.1 *3*	0.27 *3*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
975.1 *4*	†3.0 *3*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
975.1 *2*	0.044 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
975.1 *1*	0.027 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 975.170 *11*	0.08 *3*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
975.19 *4*	0.372 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
975.20 *10*	0.0075 *9*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
975.2 *5*	0.00018 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
975.25	0.6 *3*	^{42}Ti(199 ms)	611.046(56), 2222.6(0.67), 636.4(0.7)
975.38 *14*	0.058 *12*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
975.4	†11	^{99}Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
975.5 *5*	0.033 *10*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
975.5 *5*	0.07	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
975.6		^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
975.7 *3*	2.90 *18*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
975.7 *5*	†6	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
975.9 *3*	0.059 *10*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
975.9 *1*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
975.9 *3*	0.047 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
975.95 *3*	0.051 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
975.95 *3*	1.63 *9*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
976	35	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
976.00 *12*	0.91 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
976.08 *6*	0.71 *4*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
976.09 *4*	0.0460 *22*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
976.1 *7*	0.78 *16*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
• 976.1 *2*	0.12 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
976.1 *15*	0.42 *6*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
976.2 *3*	0.17 *3*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
976.2 *1*	8.0 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
976.2 *5*	0.0007 *3*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
976.2 *10*	0.022 *11*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 976.23 *11*	0.088 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 976.23 *11*	0.103 *12*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
976.3 *3*	0.088 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
976.3 *2*	1.08 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
976.3 *1*	0.0019 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
976.3	0.35	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
976.3 *3*	0.90 *9*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
976.32 *10*	1.37 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
• 976.37 *7*	2.71 *7*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
976.4 *2*	0.122 *9*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
976.4 *2*	†50 *2*	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
• 976.4 *3*	0.057 *16*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
976.49 *21*	0.057 *4*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
976.50 *5*	4.62 *13*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
976.5 *3*	†0.2	^{111}Rh(11 s)	275.4(†100.0), 411.8(†9.42), 230.0(†8.9)
976.5 *2*	2.67 *20*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
• 976.50 *4*	0.0812 *22*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
976.5 *10*	0.42 *21*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
976.5 *5*	†1.0 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
976.55 *2*	0.80 *4*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
976.6 *3*	2.6 *4*	^{159}Sm(11.37 s)	189.79(46), 861.97(18.2), 254.43(9.8)
976.6 *5*	3.6 *6*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
976.68 *29*	0.63 *6*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
976.7 *4*	0.0116 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
976.7 *5*	0.53 *11*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
976.74 *20*	0.00023 *4*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
976.8 *2*	1.79 *16*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
976.8 *1*	0.31 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
976.9 *2*	0.068 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
• 976.9 *3*	0.031 *10*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
977 *1*	0.15 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
977 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
977.00 *20*	0.165 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
977.0 *8*	2.5 *6*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
977.0 *2*	0.049 *6*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
977.0 *3*	0.142 *14*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
977.02 *2*	<0.000024	^{15}C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
977.03 *17*	0.44 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
977.048 *18*	0.0097 *12*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
977.1 *1*	0.0114 *20*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
977.1 *5*	0.037 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
977.131 *13*	13.6 *7*	^{158}Eu(45.9 m)	944.09(25), 79.5104(11), 897.60(10.3)
• 977.131 *13*	0.167 *22*	^{158}Tb(180 y)	944.09(44), 962.06(20.3), 79.5104(11.6)
977.15 *4*	0.564 *19*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
977.15 *15*	0.28 *5*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
977.15 *15*	1.60 *20*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
977.2 *7*	0.63 *8*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
977.2 *2*	0.13 *3*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
977.2 *2*	0.65 *20*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
977.2 *2*	0.39 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
977.2		^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
977.27 *10*	†2.06 *17*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
• 977.373 *4*	1.439 *15*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
977.4 *1*		^{158}Ho(21.3 m)	406.14(†100), 838.9(†84.3), 1484.1(†66.2)
977.4 *1*	†2.25 *11*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
977.4 *2*	0.039	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
977.42 *15*	2.7 *3*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
977.5 *5*	1.61 *8*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
977.53 *4*	3.14 *10*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
977.6 *2*	0.057 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
977.7 *3*	0.51 *14*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
977.7 *12*	†1.9 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
977.8 *4*	1.19 *20*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
977.8 *1*	5.1 *4*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
977.8 *1*	0.8	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
977.80 *2*	0.09 *5*	^{244}Am(26 m)	1084.181(0.37), 941.95(0.36), 1062.953(0.28)
977.85 *6*	†5.39 *6*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
977.9	8.2 *14*	^{36}Si(0.45 s)	175.0(68), 249.9(68), 878.2(44)
977.9 *2*	0.0019 *5*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
977.9 *3*	0.0043 *14*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
977.9 *4*	1.6 *6*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
977.94 *18*	2.1 *3*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
977.94 *18*	2.7 *3*	^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
978	0.07 *4*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
978 *1*	0.12 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
978.1 *20*	0.15 *6*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
978.1	0.18	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
978.1 *3*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
978.1 *3*	†13.4 *23*	^{233}Pu(20.9 m)	235.4(†100), 534.8(†90.2), 500.3(†38.6)
978.18 *20*	0.087	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
978.19 *21*	†2.5 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
978.2 *3*	†7 *1*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
978.2	0.11	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
978.2 *3*	0.090 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
978.2 *3*	1.00 *13*	^{251}Cm(16.8 m)	542.7(10.9), 530.0(1.62), 389.7(1.28)
978.22 *15*	0.056 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 978.28	0.07	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
978.30 *4*	4.86 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
978.3 *2*	†41 *3*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
978.3 *2*	0.146 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
978.3 *10*	0.14 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
978.3 *8*	0.0075	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
• 978.36 *7*	0.040 *6*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
978.37 *12*	0.69 *7*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
978.45 *15*	0.087 *12*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 978.47 *5*	0.020 *5*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
978.5 *5*	1.90 *11*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
978.5		^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
978.6 *3*	1.9 *5*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
978.66 *7*	0.373 *21*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
978.7 *5*	0.113 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
978.7 *2*	†25 *5*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
978.7 *2*	†25 *5*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
978.7 *2*	0.19 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
978.7 *4*	0.00081 *9*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
978.73 *26*	†2.3 *5*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
978.8 *8*	1.2 *3*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
978.8	0.016 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
978.8 *3*	0.343 *20*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
978.87 *10*	0.040 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
978.94 *14*	>0.006	^{93}Mo(6.85 h)	949.82(0.120), 689.07(0.070), 541.32(0.060)
978.969 *15*	0.256 *5*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
979.0		^{127}Sn(4.13 m)	490.9(90), 1348.0(4.8), 1564.0(4.0)
979.00 *20*	0.30 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
979.013 *23*	0.078 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
979.07 *18*	1.54 *18*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
• 979.09 *10*	0.044 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
979.09 *6*	0.49 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
979.17 *6*	0.089 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
979.2 *2*	0.36 *3*	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
979.2 *4*	4.0 *18*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
979.2 *3*	4.2 *4*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)
979.2 *4*	7.4 *16*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
979.22 *5*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
979.22 *5*	20 *3*	^{168}Lu(6.7 m)	198.82(28), 896.12(15), 884.64(13.9)
979.25 *13*	0.24 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
• 979.29 *7*	3.01 *7*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
979.3	3.6	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
• 979.33 *12*	0.035 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
979.37 *14*	0.00109 *10*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
979.4 *3*	0.28 *3*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
979.46 *9*	1.1 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
979.48 *4*	0.408 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
979.48 *10*	0.027 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
979.5 *2*	0.46 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
979.5 *4*	0.16 *8*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 979.5 *2*	0.059 *12*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
979.5 *3*	0.032 *16*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
979.6 *5*	†0.73 *12*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
979.6		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
979.65 *21*	0.062 *13*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 979.67 *3*	2.8×10^{-8} *5*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
979.7 *3*	†1.6 *6*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
979.7 *3*	1.58 *17*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
979.7 *3*	†4.9 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
979.76 *19*	6.6 *6*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
979.77	18.1 *19*	^{25}Ne(602 ms)	89.53(95.5), 1069.30(2.3), 2202(1.1)
• 979.79 *7*	0.122 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
979.8	0.7	^{200}Bi(36.4 m)	1026.5(100), 462.34(98), 419.70(91)
• 979.8 *2*	2.6×10^{-7} *11*	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
• 979.843 *15*	0.214 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
979.94 *22*	0.06	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
979.98 *2*	0.0052 *3*	^{135}La(19.5 h)	480.51(1.5), 874.51(0.164), 587.83(0.1108)
980.0 *3*	0.75 *15*	^{113}Rh(2.72 s)	189.7(17.0), 409.3(15.9), 219.6(3.88)
980 *1*	0.10 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
980.0 *4*	0.036 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
980.01 *10*	3.25 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
980.1 *1*	0.45 *10*	^{142}Tb(597 ms)	515.0(25), 465.0(2.7), 853.1(2.42)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
980.1 *6*	0.12 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
980.15 *7*	0.277 *19*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
980.2 *2*	0.11	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
980.23 *15*	0.125 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 980.23 *10*	7.08 *14*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
980.26 *5*	1.49 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
980.29 *11*	0.187 *16*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
980.3 *4*	0.78 *16*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
980.3 *3*	0.09	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
• 980.30 *20*	0.130 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
980.3 *1*	1.8	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
980.3 *1*	2.7	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
980.38 *13*	0.18 *6*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
980.4 *7*	0.0043 *17*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
980.43 *10*	1.33 *18*	^{130}In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
980.45 *2*	11.55 *12*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 1010.29(9.54)
980.5 *2*	0.114 *24*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
980.58 *10*	0.265 *15*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
980.59 *18*	0.123 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
980.6 *1*	0.138 *16*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
980.6 *5*	1.19 *11*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
980.65 *95*	0.10 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
980.7	84 *1*	^{8}He(119.0 ms)	
980.7 *3*	0.83 *24*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
• 980.71 *15*	0.0414 *22*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
980.71 *15*	0.33 *3*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
980.8 *2*	0.51 *6*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
980.80 *20*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
980.8 *2*	0.174 *24*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
980.8 *1*	0.123 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 980.81 *37*	0.0037 *7*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
980.81 *18*	0.46 *9*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
980.90 *15*	1.13 *10*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
980.9 *2*	0.10	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
981.0 *3*	0.050 *19*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
981.02 *10*	0.0481 *19*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
981.06 *8*	0.0058 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
981.1 *3*	0.13 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
981.2	0.18 *5*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
981.2	0.043 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
981.2	0.18 *9*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
981.2 *3*	†1.29 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
981.3 *5*	0.032 *8*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
981.33 *4*	0.043 *14*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
981.4 *10*	†21	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
981.4 *1*	0.56 *4*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
981.4 *2*	0.0084 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
981.4 *3*	†23	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
981.4 *8*	0.24	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
981.5 *9*	0.136 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
981.5	†3.0	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
981.54 *9*	>0.00011	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
• 981.59 *6*	0.0084 *14*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
981.60 *20*	†0.044 *13*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
981.6 *4*	0.59 *18*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
981.6 *5*	0.19 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
981.6 *4*	1.06 *7*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
981.6 *3*	0.0217 *23*	^{141}Nd(2.49 h)	1126.8(0.8), 1292.6(0.46), 1147.2(0.306)
981.6 *3*	0.125 *25*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
981.6 *3*	0.72 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
981.7 *3*	2.11 *13*	^{63}Co(27.4 s)	87.13(48.7), 155.6(1.60), 1364.5(1.43)
981.7 *4*	0.0293 *16*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
981.7	0.74 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
981.71 *35*		^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
981.8 *7*	0.28 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
981.80 *5*	0.0214 *14*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
981.8 *9*	1.27 *22*	^{174}Re(2.40 m)	243.4(37), 113.0(19.8), 1002.9(5.62)
981.8 *3*	0.200 *25*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
981.82 *3*	0.210 *7*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
982.0 *5*	0.24 *5*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
982.0 *4*	0.31 *6*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
982.00 *15*	0.0096 *17*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
982.0 *5*	>0.025	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
982.01 *17*	0.9 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
982.1 *5*	0.065 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 982.1 *4*	0.016 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
982.1 *3*	2.6 *3*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
982.2 *2*	26.4 *8*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 708.06(26.4)
982.25 *5*	0.209 *12*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
982.27 *5*	0.0160 *5*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
982.4 *5*	0.95 *13*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
982.4 *7*	0.08 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
982.45 *4*	10.2 *7*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
982.5 *5*	0.85 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
• 982.62 *16*	0.0020 *7*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
982.7 *4*	0.46 *8*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
982.7 *2*	0.203 *11*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
• 982.7 *3*	1.1×10^{-8} *3*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
982.73 *15*	0.017 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 982.73 *15*	0.22 *2*	^{246}Bk(1.80 d)	798.80(61), 1081.40(5.8), 833.60(5.0)
982.75 *13*	0.0379 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
982.75 *10*	1.25 *9*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
982.8 *6*	0.18	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
982.9 *4*		^{140}Gd(15.8 s)	174.8(76), 749.9(70), 379.0(38)
982.9 *2*	†6.4 *3*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
982.969 *17*	0.020 *9*	^{28}Mg(20.91 h)	30.6383(95), 1342.27(52.6), 941.72(38.3)
• 982.98 *5*	0.0090 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
983.0 *15*	†4.8 *14*	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
983.0 *4*	0.30 *10*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
983	9	^{150}Ho(72 s)	803.4(90), 591.3(23), 653.3(15.3)
983.0 *3*	0.067 *11*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
983.0 *10*	0.12 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
983.0 *5*	0.24 *9*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
983	4.0 *6*	^{211}Fr(3.10 m)	539.9(20), 918.3(11), 281(6.8)
983.0 *3*	0.009	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
• 983.0 *3*	5×10^{-7} *3*	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
983.1 *6*	0.039 *11*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
983.12 *4*	4.57 *21*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
983.17 *20*	0.0089 *16*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
983.2	0.0021 *8*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
983.211 *18*	0.0040 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
983.3 *3*	7.3 *3*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
983.4	0.008	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
• 983.4 *4*	0.172 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
983.4 *5*	0.088 *17*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
983.4 *2*	†0.4 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
983.5 *5*	5.4 *5*	^{90}Tc(49.2 s)	1054.3(100), 948.1(100), 944.7(36.6)
983.5 *4*	0.028 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
983.5 *5*	†2.5 *6*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
983.5 *2*	0.028 *12*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
983.5 *5*	0.040 *8*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
• 983.517 *5*	100.1 *3*	^{48}Sc(43.67 h)	1312.096(100.1), 1037.599(97.6), 175.361(7.48)
• 983.517 *5*	99.98 *20*	^{48}V(15.9735 d)	1312.096(97.5), 944.104(7.76), 2240.375(2.41)
983.58 *15*	0.17 *6*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
983.59 *8*	1.24 *15*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
983.65 *5*	0.88 *13*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
• 983.67 *5*	0.0049 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
• 983.67 *20*	0.314 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
983.7	0.18 *3*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
983.73 *10*	2.06 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
983.8	1.18 *16*	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
983.8 *3*	0.052 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
983.85 *17*	0.32 *7*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
983.85 *5*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
983.85 *5*	11.9 *20*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
983.9	>0.14	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
983.9 *2*	0.97 *17*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
983.9 *1*	0.0049 *16*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
983.9 *2*	0.75 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
983.9 *2*	0.06	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
984.0 *2*	0.15 *3*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
984.0 *10*	1.5 *5*	^{118}Sb(5.00 h)	1229.68(100), 253.68(99), 1050.69(97)
984	†0.09 *1*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
984.0 *20*	0.032 *5*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
984.0 *20*	>0.00046	^{157}Dy(8.14 h)	326.16(92), 182.20(1.84), 83.01(0.62)
984.0 *5*	†1.7 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
984.02 *2*	59 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 911.78(13.5)
• 984.09 *14*	0.175 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
984.1 *4*	0.61 *13*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
984.1 *4*	0.045 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
984.2 *3*	0.27 *3*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
984.2 *3*	1.14 *24*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
984.2 *2*	0.59 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
984.2 *1*	1.62 *15*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
984.3 *10*	<0.28	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
984.3 *2*	0.148 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
984.30 *3*	0.084 *8*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
984.3 *4*	0.45 *6*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
• 984.4 *5*	0.014 *3*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
984.4 *2*		^{151}Tm(5.2 s)	
984.4 *5*	0.056 *22*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
• 984.43 *10*	0.096 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
984.45 *90*	0.11 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
984.45 *20*	1.30 *12*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
• 984.45 *2*	27.8	^{238}Np(2.117 d)	1028.54(20.3), 1025.87(9.6), 923.98(2.86)
984.45 *2*	0.115 *14*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
• 984.45 *2*	2.0×10^{-6} *8*	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
984.5 *6*	0.08 *4*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
984.5 *3*	0.074 *14*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
• 984.5	0.0095 *18*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
984.5 *5*	0.29 *7*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
984.58 *17*	0.070 *19*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
984.6 *3*	0.52 *10*	^{55}Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
984.60 *20*	0.0104 *19*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
984.6 *6*	2.2 *4*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
984.6	†7	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
984.64 *8*	†114	^{27}Na(301 ms)	1697.94(†15.5), 3109.2(†>3.4), 955.32(†1.1)
984.7 *2*	0.37 *15*	^{73}Br(3.4 m)	64.9(37.0), 336.0(10.4), 699.8(9.1)
984.78 *5*	0.0747 *13*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
984.9 *1*	4.0 *3*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
984.9 *1*	3.4 *5*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
984.9 *4*	2.4 *8*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
984.92 *4*	0.0064 *4*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
984.93 *5*	2.02 *17*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
985.0 *7*	6.1 *4*	^{30}Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
985.0 *7*	†12 *22*	^{31}Na(17.0 ms)	1482.1(†100), 1978.1(†22), 1820.1(†20)
985.0 *4*	0.218 *14*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
985 *1*	†1.8 *3*	^{94}Kr(0.20 s)	629.2(†100), 764.5(†71), 219.466(†67.4)
985.0 *5*	1.21 *7*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
985.0 *8*	0.0014	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
985.02 *14*	0.41 *4*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
985.03 *3*	31.2 *19*	^{110}Sb(23.0 s)	1211.87(92), 1243.6(13.4), 827.1(9.4)
985.05 *13*	†5.3 *6*	^{82}Ga(0.602 s)	1348.07(†100), 2215.0(†22.0), 867.46(†13.4)
985.08 *20*	0.00033 *20*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 985.08 *20*	0.065 *12*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
985.1 *4*	†0.9 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 985.10 *10*	0.896 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
985.1 *6*	0.052 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
985.1 *5*	0.31	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
985.12 *6*	1.15 *5*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
985.2 *4*	0.075 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
985.2 *1*		^{125}La(76 s)	67.6(34), 43.6(3.5), 1240.6
985.2 *2*	0.153 *24*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
985.2 *1*	0.85 *12*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
• 985.28 *10*	0.0042 *3*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
985.3 *3*	2.86 *23*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
985.3 *4*	0.39 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
985.3 *3*	0.027 *12*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
985.36 *35*		^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
985.4 *5*	0.080 *24*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
985.4 *5*	0.017 *5*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
985.4 *4*	1.6 *3*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
985.4 *2*	†18 *1*	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
985.5 *7*	†2.6 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
985.53 *15*	0.0098 *17*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 985.65 *4*	0.0210 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
985.69 *4*	0.143 *14*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
985.7 *1*	0.227 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
985.7 *5*	0.015 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
985.73 *6*	0.0986 *22*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
985.780 *16*	1.315 *24*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
985.8 *2*	0.128 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
985.8 *8*	0.37 *5*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
985.8 *2*	†3.1 *7*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
985.8 *3*	0.112 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
985.8 *7*	0.24 *8*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
985.8 *4*	†46 *4*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
985.8 *3*	0.37 *14*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
985.864	2.09 *4*	^{39}Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
985.90 *20*	0.54 *5*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
985.93 *23*	0.31 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
985.94 *20*	0.25 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
985.98 *13*	0.151 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
986.02 *11*	0.302 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
986.03 *4*	0.95 *3*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 986.03 *4*	0.26 *3*	^{246}Bk(1.80 d)	798.80(61), 1081.40(5.8), 833.60(5.0)
986.05 *6*	6.8 *4*	^{93}Rb(5.84 s)	432.61(17.4), 213.429(6.7), 1385.21(5.7)
986.05 *6*	4100	^{94}Rb(2.702 s)	432.61(†9000), 213.429(†6000), 709.95(†2500)
986.2 *4*	0.06 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
986.3 *4*	0.20 *10*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
986.3 *4*	0.16 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
986.3 *4*	0.017 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
986.4 *3*	0.29 *3*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
986.4 *10*	0.24 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
• 986.443 *35*	0.00133 *12*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)
986.5 *2*	0.7 *5*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
986.5 *4*	0.090 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
986.5 *2*	0.070 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
986.5 *7*	0.84 *14*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
986.5 *3*	0.176 *22*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
986.52 *7*	0.352 *20*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
986.6 *2*	0.21 *4*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
986.6 *3*	0.64 *10*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
986.6 *2*	†1.11 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
986.64 *3*	0.029 *3*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
986.65 *11*	0.072 *11*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
986.68 *10*	0.0023 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
986.7 *2*	0.032 *7*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
986.8 *5*	0.27 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
• 986.8 *4*	>0.0035	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
986.84 *6*	1.13 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
986.91 *10*	0.164 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 986.91 *4*	2.1×10^{-8} *4*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
986.93 *15*	0.0034 *8*	^{16}N(7.13 s)	6128.63(67.0), 7115.15(4.9), 2741.5(0.82)
986.98 *6*	11	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
987.00 *20*	0.0071 *14*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
987.0 *4*	0.095 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
987.0 *10*	3.9 *9*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
987.0 *3*	5.88 *21*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
987.0 *3*	3.36 *13*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
987.0 *5*	>0.025	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
987.1 *5*	0.034 *25*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
987.1 *3*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
987.1 *1*	†8.6 *9*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
987.1 *3*	0.040 *4*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
987.13 *9*	†15	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
987.17 *4*	2.15 *17*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
• 987.25 *10*	0.314 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
987.28 *4*	2.8 *1*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
987.3 *5*	0.08 *3*	^{49}Ca(8.715 m)	3084.4(92), 4071.9(7.0), 1408.9(0.63)
987.3 *10*	0.14 *5*	^{90}Mo(5.67 h)	257.34(78), 122.370(64.2), 203.13(6.4)
987.4 *6*	0.23 *5*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)
987.4 *2*	0.67 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
987.41 *20*	0.051 *16*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
987.41 *20*	0.044	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
• 987.44 *6*	0.93 *9*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
987.48 *10*	0.42 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
987.5 *5*	0.16 *5*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
• 987.55 *5*	<0.00031	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
987.57 *9*	5.1 *5*	^{86}Nb(88 s)	751.74(97.8), 914.81(78.1), 1003.24(37.4)
987.6 *3*	†1.4 *2*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
987.6 *7*	>0.06	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
987.60 *16*	0.81 *17*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
987.60 *10*	1.2 *3*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
987.6 *4*	1.0 *3*	^{146}Tb(23 s)	1579.4(100), 1078.6(51.6), 1417.2(17.2)
987.60 *20*	1.32 *14*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
987.62 *17*	0.79 *12*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
• 987.62 *3*	0.585 *16*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 1043.72(1.291)
987.7 *3*	0.0105 *23*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
987.7 *2*	1.8 *4*	^{151}Er(23.5 s)	638.3(36), 667.2(17), 256.4(15.9)
987.74 *10*	0.246 *20*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
987.76 *6*	6.7 *4*	^{240}Np(61.9 m)	566.34(25.3), 973.9(23.8), 600.57(18.4)
• 987.76 *6*	73.2 *10*	^{240}Am(50.8 h)	888.80(25.1), 98.860(1.5), 42.824(0.09)
987.8 *3*	0.048 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
• 987.8 *1*	0.202 *15*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
987.8	37 *4*	^{145}Tb(29.5 s)	257.8(39), 537.0(23), 1446.8(15)
987.8 *3*	1.30 *9*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
987.81 *10*	1.9 *4*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
987.81 *10*	13.6 *8*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 1181.45(12.4)
987.9 *5*	1.75 *23*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
987.9 *2*	0.179 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
987.9 *6*	0.21 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
• 987.92 *5*	0.285 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
987.96 *8*	0.66 *6*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
987.96 *8*	16.1 *7*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 673.98(15.2)
988.0 *5*	1.16 *20*	^{72}Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
988.0 *4*	0.22 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
988	†2.2	^{149}Tb(4.16 m)	795.9(†111), 651(†37), 164.98(†8.3)
988 *1*		^{158}Sm(5.30 m)	189.4(15.2), 363.6(12.4), 324.5(10.6)
988.0 *15*	†4	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
988 *1*	†4.4 *9*	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
988.2 *4*	0.092 *22*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
988.2 *5*	†9 *2*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
988.2 *5*	0.097 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
988.2 *1*	0.50 *22*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
988.2 *3*	0.18 *4*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
988.25 *20*	0.19 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
988.27 *10*	1.75 *10*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
988.3 *5*	1.01 *8*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
988.38 *13*	1.46 *22*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
988.4 *1*	0.423 *9*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
988.4 *2*	0.88 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
988.43 *20*	0.13 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
988.43 *20*	0.206 *19*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
988.5 *6*	0.20 *6*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
• 988.5	0.134 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
988.57 *6*	1.21 *9*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
988.6 *7*	0.13 *6*	^{120}In(3.08 s)	1171.3(19), 2039.8(1.86), 703.8(1.42)
988.6 *7*	0.063 *5*	^{120}Sb(15.89 m)	1171.3(1.7), 703.8(0.149)
• 988.6 *4*	0.129 *16*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
988.7 *3*	0.129 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
988.73 *10*	4.8 *3*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
• 988.75 *28*	0.0082 *21*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
988.9 *5*	0.19 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
988.9 *10*	0.21 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
988.93 *20*	0.27 *5*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
• 988.94 *4*	>0.031	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
989.0 *3*	0.059 *5*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
• 989.0 *5*	0.025 *16*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
989.0 *3*	0.084 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
989.01 *9*	80.1 *7*	^{54}V(49.8 s)	834.848(97.1), 2259.35(45.6), 3170(11.5)
989.02 *10*	3.04 *24*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
989.06 *10*	3.7 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
989.1 *3*	0.58 *5*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
989.1 *3*	0.15 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
989.1 *2*	1.13 *11*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
989.1 *3*	0.077 *12*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
989.12 *2*	45	^{250}Bk(3.217 h)	1031.85(35.6), 1028.65(4.91), 889.96(1.530)
989.12 *2*	13.3 *9*	^{250}Es(2.22 h)	1031.85(10.6), 828.82(5.5), 1167.25(2.94)
989.15 *20*	0.011 *4*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
989.2 *4*	0.61 *13*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
989.2 *6*	0.011 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
989.2 *1*	0.081 *5*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
989.23 *10*	1.5 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
989.5 *1*	0.103 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
989.51 *4*	0.88 *4*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
• 989.57 *11*	6.8 *3*	^{126}Sb(12.46 d)	695.03(100), 666.331(100), 414.81(83.3)
989.6 *7*	0.0039 *11*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
989.6 *2*	14.9 *15*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 103.4(13.9)
989.6 *2*	0.087 *23*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 989.606 *10*	0.464 *10*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
989.7 *5*	0.45 *8*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 661.5(5.1)
989.7 *1*	†0.32 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
989.7 *3*	0.89 *22*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
989.7 *3*	0.72 *7*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
989.71 *16*	0.058 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
989.76 *5*	0.70 *3*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
• 989.77 *5*	0.075 *25*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
989.8 *5*	0.09	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
989.8 *3*	1.69 *9*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
989.85	0.166 *3*	^{25}Na(59.1 s)	974.72(14.95), 585.03(13.00), 389.70(12.68)
989.85 *6*	9.3 *3*	^{148}La(1.05 s)	158.468(55.6), 760.30(8.6), 601.88(7.62)
989.9 *5*	†2.7 *13*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
989.94 *3*	10.7 *8*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
989.97 *30*	0.079 *18*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
989.99 *14*	0.165 *24*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
990.0 *5*	0.14 *3*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
990.0 *1*	†1.09 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
990.0 *3*	0.0008	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
990.0 *7*	0.00015 *9*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 990.0 *7*	†0.0022 *6*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
• 990	0.0006	^{249}Cf(351 y)	388.16(66), 333.37(14.6), 252.80(2.50)
990.09 *9*	0.142 *17*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
990.1 *1*	0.40 *8*	^{208}Fr(59.1 s)	635.8(10), 778.5(6.8), 325.3(5.2)
990.13 *5*	2.94 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
990.13 *18*	0.034 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
990.2 *6*	1.02 *10*	^{90}Mo(5.67 h)	257.34(78), 122.370(64.2), 203.13(6.4)
• 990.200 *24*	0.0309 *13*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
990.200 *24*	†18.5 *14*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
990.2 *3*	0.81 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
990.245	0.29 *4*	^{43}K(22.3 h)	372.760(87), 617.490(79.2), 396.861(11.85)
990.3 *4*	1.4 *7*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
990.3 *3*	0.013 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
990.34 *5*	1.19 *12*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
990.50 *30*	0.07 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
990.5 *4*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
990.5 *5*	0.47 *9*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
990.6 *5*	0.50 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
990.6 *5*	1.5 *3*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
990.6 *5*	3.2 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
990.64 *5*	0.0377 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
990.67 *11*	†0.93 *8*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
990.70 *14*	14.3 *4*	^{112}Sb(51.4 s)	1257.05(96), 670.0(3.7), 894.60(2.7)
990.7 *3*	0.34 *11*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
• 990.75 *15*	0.08 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
990.80 *20*	0.23 *5*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
990.9 *3*	0.113 *23*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
990.9 *3*	1.39 *13*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
990.9 *2*	0.55 *6*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
991.0 *6*	0.17 *3*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
991 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
991.0 *4*	0.058 *17*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
991.0 *6*	0.09 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
991.06 *7*	0.68 *5*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
991.1		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
991.2 *2*	†1.62 *10*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
991.2 *1*	0.098 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
991.23 *11*	†8.8 *7*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
991.33 *12*	0.046 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
991.38 *13*	0.32 *5*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
991.38 *13*	0.27 *3*	^{90}Br(1.92 s)	411.49(3.88), 962.71(1.25), 1097.82(0.91)
991.4 *8*	0.070 *10*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
991.5 *5*	1.4 *5*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
991.5 *4*	0.044 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
991.52 *4*	43	^{64}Ga(2.630 m)	807.86(13.65), 3365.86(13.1), 1387.34(11.8)
991.59 *21*	0.121 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
991.6 *5*	0.25 *7*	^{98}Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
991.6 *7*	0.51 *6*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
991.67 *20*	0.296 *23*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
991.7 *10*	†3.7	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
991.7 *3*	†23.0 *23*	^{233}Pu(20.9 m)	235.4(†100), 534.8(†90.2), 500.3(†38.6)
• 991.72 *20*	0.0222 *12*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
991.725 *42*	0.0057 *4*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
• 991.77 *6*	0.042 *3*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
• 991.78 *4*	1.04 *5*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
991.8 *3*	0.044 *11*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
991.8 *10*	0.0008	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
991.9 *2*	5.3 *10*	^{151}Er(23.5 s)	638.3(36), 667.2(17), 256.4(15.9)
991.98 *18*	1.5 *15*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
992 *1*	0.088 *17*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
992		^{90}Ru(13 s)	1002
992.0 *4*	0.189 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
992.0	1.8	^{134}Nd(8.5 m)	163.2(58), 288.9(13), 216.8(12)
992.0 *10*	0.3 *1*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
992 *1*	†3.5 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
992.0 *2*	0.082 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
992.1 *6*	0.13 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
992.1 *4*	1.9 *4*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
992.128 *13*	87 *4*	^{174}Tm(5.4 m)	366.526(92), 272.918(86), 176.645(66.2)
• 992.128 *13*	0.546 *11*	^{174}Lu(142 d)	272.918(0.550), 176.645(0.470), 76.471(0.0638)
992.20 *10*	0.0016 *7*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
992.2 *1*	0.043 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
• 992.204 *4*	0.0323 *10*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
992.21 *4*	0.0031	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
992.3 *7*	0.013 *6*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
992.33 *70*	0.027 *8*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
992.33 *9*	59.3 *7*	^{207}Po(5.80 h)	742.64(28.2), 911.79(16.95), 405.75(9.7)
992.37 *22*	0.22 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
992.4 *3*	0.29 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
992.4 *2*	2.7 *5*	^{132}La(24.3 m)	464.55(22), 663.07(11.6), 285.6(7)
992.4 *2*	†8.0 *9*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
992.429 *28*	0.1021 *22*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
992.43 *9*	0.080 *12*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
992.44 *18*	0.23 *8*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
992.5 *3*	21.6 *11*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)
992.5 *20*	0.010 *4*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
992.5	1.4	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
• 992.55 *4*	0.025 *3*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
992.6 *3*	†15	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
• 992.64 *3*	2.7×10^{-8} *4*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
992.66 *8*	36.9 *20*	^{132}Sn(39.7 s)	340.53(49), 85.58(48.2), 899.04(44.8)
992.68 *8*	0.143 *11*	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 692.03(5.50)
992.7 *5*	0.218 *14*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
992.8 *2*	0.94 *6*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
992.8 *20*	0.0037 *14*	^{157}Dy(8.14 h)	326.16(92), 182.20(1.84), 83.01(0.62)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
992.83 *6*	0.0148 *16*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
992.88 *5*	1.10 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 992.9 *5*	0.013 *5*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
992.9 *3*	5.0 *5*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)
992.9	2.9	^{200}Bi(36.4 m)	1026.5(100), 462.34(98), 419.70(91)
992.9 *10*	0.23	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
• 992.9 *10*	1.5×10^{-6}	^{228}Th(1.9131 y)	84.373(1.266), 215.985(0.263), 131.613(0.1355)
992.92 *12*	16.2 *14*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
992.93 *14*	0.042 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
992.940 *25*	0.0771 *18*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
992.99 *9*	0.0063 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
993 *2*	0.32 *22*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
993.0 *2*	0.13 *3*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
993 *3*	0.23 *8*	^{185}Ta(49.4 m)	177.59(25.7), 173.68(22.6), 65.86(3.9)
993.0 *3*	0.13 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
993	0.50	^{207}Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
993.0 *5*	0.158 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
993.05	0.0039 *18*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
993.1 *1*	0.0057 *16*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
993.1 *3*	0.46 *5*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
993.12 *20*	0.38 *22*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
993.18 *9*	0.00075 *10*	^{94}Nb(6.263 m)	871.082(0.50), 702.626(0.00315)
993.18 *9*	2.21 *3*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
993.2 *2*	0.35 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
993.2 *3*	0.50 *14*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
993.28 *6*	0.0759 *14*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
993.3 *3*	0.34 *6*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
993.4 *2*	1.15 *7*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
993.4 *9*	0.075 *21*	^{79}As(9.01 m)	95.73(0.85), 364.9(1.06), 432.1(0.850)
993.4 *3*	2.4 *4*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
993.4	0.013	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
993.46 *10*	0.04 *3*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
993.46 *4*	0.171 *20*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
993.5 *5*	1.7	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
993.5 *3*	0.08 *4*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
993.55 *19*	0.21 *10*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
993.6 *3*	0.14 *3*	^{73}Ga(4.86 h)	297.32(79.8), 325.70(11.17), 739.42(4.23)
993.62 *7*	0.64 *4*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
• 993.62 *7*	0.0184 *18*	^{74}As(17.77 d)	595.847(59), 608.353(0.552), 1204.208(0.285)
993.64 *8*	0.48 *5*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
993.69 *14*	0.016 *4*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
993.69 *13*	0.30 *3*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
993.7 *4*	0.040 *4*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
993.70 *10*	0.0054 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
993.7 *10*	†3	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
993.8 *4*	3.31 *17*	^{86}Se(15.3 s)	2441.1(43.0), 2660.0(21.6), 48.3(15.4)
993.8 *1*	0.30 *3*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
• 993.81 *21*	0.0020 *3*	^{137}Ce(34.4 h)	824.82(0.44), 169.26(0.44), 762.3(0.192)
993.9 *7*	2.8 *7*	^{179}Yb(8.0 m)	592.1(75), 612.3(35.4), 381.4(9.6)
• 993.96 *13*	0.054 *16*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
994.0 *3*	3.8 *4*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
994.0 *5*	1.6 *5*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 647.58(53)
994.0 *5*	0.0006 *3*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
994 *1*	0.00094	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
994.03 *6*	0.086 *4*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
994.10 *7*	0.75 *6*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
994.17 *25*	0.19 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
994.18 *14*	0.057 *8*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
• 994.20 *10*	>0.6	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
994.2 *3*	2.0 *4*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
994.2 *2*	1.61 *9*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
• 994.21 *14*	>0.6	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
994.3 *4*	0.017 *17*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
994.3	0.035 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
994.3 *8*	†10.4 *19*	^{195}Pb(15 m)	883.1(†100), 393.7(†42), 871.0(†36)
994.4 *2*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
994.41 *18*	0.19 *3*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
994.46 *12*	0.05	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
994.5 *1*	†8.63 *22*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
994.6 *6*	0.030 *4*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
994.60 *7*	0.294 *12*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
994.6 *3*	0.062 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
994.61 *15*	1.59 *15*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
994.64 *10*	0.062 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
994.7	0.008	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
994.7 *5*	0.42 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
994.75 *25*	†11.0 *11*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
994.8 *2*	14.0 *4*	^{63}Fe(6.1 s)	1427.2(4.6), 1299.0(1.23), 1494.6(1.12)
994.8 *4*	0.13 *4*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
994.93 *11*	0.029 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
995.0 *6*	0.021 *8*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
995.0 *5*	0.05	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
995	0.5	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
995 *1*	0.00012	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 995 *1*	†0.00041 *24*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
995.08 *12*	0.80 *6*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
995.089 *25*	0.0551 *17*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
995.09 *2*	0.69 *5*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
995.09 *2*	0.50 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
995.09 *10*	0.16 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
• 995.1 *3*	0.116 *20*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
995.13 *15*	†36 *5*	^{160}Eu(38 s)	173.19(†100), 513.6(†60), 412.56(†56)
995.13	0.15	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
995.16 *4*	0.070 *7*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
995.2	0.79 *4*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
995.3 *3*	0.103 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
995.36 *8*	3.9 *3*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
995.4 *11*	0.13 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
995.4 *2*	0.26 *7*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
995.4 *5*	†0.83 *21*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
995.4	†10	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 995.5	>0.9	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
995.5 *3*	0.14 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
995.50 *15*	1.83 *11*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
995.54 *5*	0.0371 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
• 995.58 *20*	>0.9	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 995.6	>0.6	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
995.6 *4*	0.118 *22*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
995.7 *4*	†1.7 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
995.8 *5*	0.030 *10*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
995.8 *5*	0.36 *8*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
995.8 *5*	1.25 *25*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
995.8 *2*	0.201 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
995.87 *1*	0.033 *17*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
995.87 *1*	0.0700 *15*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
995.9 *3*	0.061 *17*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
995.9	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
995.92 *7*	0.67 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
995.93 *19*	1.31 *8*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
995.97 *8*	0.88 *5*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
996.0 *4*	0.26 *6*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
996.0 *4*	0.45 *11*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
996.0 *2*	†2.2 *2*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
996.0 *3*	0.20 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
• 996.06 *6*	0.0098 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
996.1 *3*	0.50 *5*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
996.1 *2*	0.74 *14*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
996.1 *3*	0.4 *3*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
996.1 *3*	0.37 *4*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
996.1 *5*	0.055 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
996.1 *20*	†4.1×10^3 *7*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
996.19 *11*	0.297 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
996.2 *1*	1.89 *15*	^{73}Br(3.4 m)	64.9(37.0), 336.0(10.4), 699.8(9.1)
996.2 *3*	1.9 *4*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)
996.2 *4*	†1.2 *2*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
• 996.262 *5*	10.6 *4*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
996.262 *5*	8.6 *8*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
996.262 *5*	4.9 *5*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
996.262 *5*	2.39 *24*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
996.3 *2*	1.6 *4*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
996.3 *2*	0.29 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
996.3 *4*	0.191 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
996.31 *5*	2.07 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
996.38 *12*	0.030 *9*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
996.4 *5*	†3.5	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
996.4 *8*	2.3 *6*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
996.41 *21*	†3.6 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
996.5 *2*	0.54 *3*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
996.5 *5*	0.160 *18*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
996.5 *1*	0.124 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
996.50 *20*	0.23 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
996.5	†0.39 *12*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
996.53 *10*	3.76 *20*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
996.55 *5*	0.1051 *22*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
996.6 *3*	0.32 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
996.6 *4*	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
996.61 *15*	1.12 *13*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
996.61 *17*	0.38 *5*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
996.7 *5*	1.28 *18*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
996.7 *7*	3.9 *4*	^{117}Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
996.70 *7*	0.271 *16*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
996.7 *1*	†0.7 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
996.78 *10*	4.2 *6*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
996.8 *3*	0.39 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
996.80 *16*	0.028 *5*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
996.8 *3*	0.063 *16*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
996.8	0.129 *23*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
996.82	0.0014 *2*	^{24}Na(14.9590 h)	1368.633(100), 2754.028(99.944), 3866.19(0.052)
996.82	0.137 *7*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
996.9 *3*	1.8 *3*	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 699.0(13.4)
• 997.0 *5*	0.0059 *20*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 997.0 *5*	0.024	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
997.0 *2*	0.46 *5*	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
997		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
997.0 *1*	†3.1 *3*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
997.1 *3*	1.6	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
997.1 *1*	1.2	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
997.1 *4*	†0.29 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
997.1 *2*	†3.1 *3*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
997.1 *3*	69	^{207}Hg(2.9 m)	351.059(77), 1637.1(30), 1756.3(16)
997.2 *10*	0.07	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
997.2 *3*	0.16 *5*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
997.2	0.12	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
997.25 *1*	3.334 *14*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
997.25 *11*	0.247 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 997.256 *8*	0.133 *5*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
997.256 *8*	10.52 *20*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
997.29 *23*	0.0113 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 997.33 *16*	0.112 *6*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
997.355 *25*	0.012 *3*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
997.37 *10*	0.66 *4*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
997.37 *18*	0.070 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
997.38 *5*	18.0 *7*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
997.4 *5*	>0.39	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
• 997.42 *23*	0.028 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
997.5 *2*	1.04 *16*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
997.5 *7*	>0.25	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
997.55 *7*	1.23 *5*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
997.6 *3*	0.41 *6*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
997.63 *3*	†5.91 *17*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
997.66	1.04 *5*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
997.67 *19*	0.087 *17*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
997.7	†100	^{130}Ce(25 m)	1072.6(†100), 920.5(†100), 851.5(†80)
997.7 *4*	0.086 *22*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
997.7 *5*	0.191 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
997.7 *3*	0.045 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
997.79 *5*	21.1 *15*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 1470.70(6.0)
997.85 *6*	0.319 *11*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
997.87 *4*	48 *3*	^{106}In(6.2 m)	632.66(100), 861.16(92), 1009.27(30.3)
997.9 *4*	1.98 *19*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
997.9 *4*	0.30 *5*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
997.93 *4*	4.26 *12*	^{89}Br(4.40 s)	1097.82(6.00), 953.53(4.26), 4166.3(3.8)
997.93 *4*	0.33 *3*	^{90}Br(1.92 s)	411.49(3.88), 962.71(1.25), 1097.82(0.91)
• 997.98 *5*	0.0268 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
998.06 *10*	0.00027 *13*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
998.12 *15*	1.4 *3*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
998.2 *3*	0.217 *19*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
998.2 *1*	†2.0 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
• 998.291 *11*	0.0796 *18*	^{121}Te(154 d)	1102.149(2.54), 37.138(0.94), 909.847(0.0703)
998.3 *3*	0.0043 *14*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
998.3 *4*	2.6 *3*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
998.30 *10*	0.097 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
998.36 *5*	0.32 *4*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
998.4 *10*	0.09 *3*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
998.4 *10*	0.15 *4*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
998.4 *3*	0.171 *18*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
998.43	<0.14	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
998.47 *10*	2.03 *16*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
998.5 *6*	0.65 *6*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
998.5 *7*	0.41 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
998.52 *8*	0.041 *10*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
998.59 *10*	2.39 *18*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
998.6 *4*	0.033 *12*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
998.6 *3*	0.042 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
998.6 *10*	0.125 *24*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 998.70 *15*	0.69 *7*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
• 998.74 *27*	0.0045 *13*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
998.75 *12*	1.03 *8*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
998.75 *12*	0.19 *8*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
998.8 *2*	†14.0 *15*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
998.8 *2*	0.037	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
998.8 *2*	0.11	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
999.0 *10*	0.061 *20*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
999.0 *3*	†0.41 *7*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
999.06 *20*	†35	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
999.1 *1*	0.22 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
999.2 *5*	0.61 *24*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
999.2 *2*	1.19 *18*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
999.22 *4*	1.35 *11*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
999.23 *7*	0.64 *4*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
999.26 *15*	0.028 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
• 999.26 *15*	0.223 *25*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
999.32 *10*	0.37 *6*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
999.34 *8*	0.13	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
999.4 *1*	†7.82 *31*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
• 999.4 *10*	0.012 *4*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
999.46 *10*	0.51	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
999.46 *21*	†3.6 *4*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
• 999.46 *25*	0.071 *12*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
999.5 *3*	2.6 *4*	^{97}Y(1.17 s)	1103.0(92.6), 161.4(71.8), 1091(56)
999.5 *3*	0.028 *12*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
999.54 *7*	0.015 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
999.6 *2*	0.548 *23*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
999.6 *5*	0.058 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 999.60 *10*	1.52 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
999.6 *2*	0.155 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
999.68 *3*	2.44 *7*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
999.7 *2*	0.74 *15*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
999.7 *3*	0.157 *17*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
999.70 *20*	0.131 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
999.7 *2*	2.3 *3*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)
999.7 *2*	3.26 *20*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
999.7 *3*	0.55 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
999.7 *4*	†1.7 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
999.8 *2*	0.66 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
999.8 *3*	†4.3 *11*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
999.8 *2*	†3.3 *4*	^{131}Ce(5.0 m)	230.43(†100), 436.85(†7.3), 462.9(†6.9)
999.8 *50*	0.10 *5*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
999.8 *6*	0.14 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
999.8 *4*	0.25 *3*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
999.8 *3*	†14 *3*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
999.8 *5*	0.00021 *12*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 999.8 *5*	†0.0019 *7*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
999.85 *20*	0.081 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
999.86 *4*	0.799 *14*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 999.86 *4*	0.025 *3*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
999.9 *2*	>0.26	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
999.9 *3*	0.38 *8*	^{98}Pd(17.7 m)	112.0(58), 662.2(19.7), 106.75(13.9)
999.9 *2*	0.12	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
999.9 *3*	†2.2 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
• 999.96 *7*	0.42 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1000.0 *2*	0.88 *13*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1000.0 *5*		^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
1000.0 *5*		^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
1000	4.1	^{134}Nd(8.5 m)	163.2(58), 288.9(13), 216.8(12)
1000.0 *3*	0.535 *20*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1000.00 *12*	3.3 *7*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1000.12 *4*	0.0465 *17*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1000.12 *4*	0.180 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1000.2 *2*	†0.46 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1000.2 *6*	9.7 *6*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1000.2 *4*	2.3 *5*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1000.2 *3*	0.086 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1000.2 *1*	1.57 *22*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1000.2 *8*	†2.0 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1000.2 *5*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1000.3 *5*	0.056 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1000.3 *5*	1.0	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1000.4 *3*	0.15 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1000.47 *14*	0.23 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1000.5 *3*	0.046 *10*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1000.5 *4*	0.065 *10*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1000.5 *6*	0.5 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1000.5 *3*	†18.0 *38*	^{233}Pu(20.9 m)	235.4(†100), 534.8(†90.2), 500.3(†38.6)
1000.5 *5*	0.020 *8*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
1000.6 *4*	0.038 *10*	^{144}Eu(10.2 s)	1659.8(10), 817.7(1.56), 2423.3(0.96)
1000.6 *3*	0.19 *5*	^{237}Am(73.0 m)	280.23(47.3), 438.4(8.3), 473.5(4.3)
1000.69 *15*	>0.005	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1000.7 *2*	5.0 *3*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1000.7 *5*	0.14 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1000.72 *1*	3.62 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1000.8 *5*	0.24 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
1000.8 *2*	†1.91 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1000.92 *18*	1.38 *11*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
1000.93 *12*	0.0044 *14*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
1001.0 *11*	4.5 *13*	^{53}Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
1001 *1*	0.005 *3*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1001.0 *3*	†10 *5*	^{136}Eu(3.3 s)	254.9(†100), 431.4(†34), 458.0(†20)
1001.0 *3*	0.108 *22*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1001 *1*	0.0012	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
1001.0 *10*	0.025 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1001.03 *3*	837000 *10*	^{234}Pa(1.17 m)	766.38(†294000), 742.81(†80000), 258.23(†72800)
• 1001.03 *3*	1.59 *7*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 1001.03 *3*	9.9×10^{-7} *7*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
• 1001.1 *3*	0.0040 *19*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1001.1 *5*	0.064 *8*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1001.2 *6*	0.082 *19*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1001.2 *5*	0.10 *4*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1001.2 *5*	>0.26	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1001.2 *1*	9.72 *25*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
1001.2 *3*	†12 *3*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
1001.21 *7*	28.8 *15*	^{205}Po(1.66 h)	872.39(37), 849.83(25.5), 836.79(19.2)
1001.3 *3*	†29 *5*	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1001.3 *1*	†2.7 *3*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
1001.311 *23*	0.0114 *12*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
• 1001.343 *18*	0.00400 *12*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)
1001.4 *1*	2.07 *20*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
1001.4 *3*	0.95 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1001.5 *5*	0.09	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 1001.54 *4*	0.006 *4*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1001.58 *3*	50.7 *18*	^{122}In(10.3 s)	1140.55(98), 1190.58(20.5), 1163.61(15.4)
1001.58 *3*	98.4 *14*	^{122}In(10.8 s)	1140.55(100), 103.74(81), 163.48(66)
1001.6 *1*	0.114 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1001.6	7	^{144}Tb(4.25 s)	743.0(12), 959.36(4.7), 558.0(4.6)
1001.6 *5*	0.18 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 1001.6951 *6*	2.066 *14*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1001.6951 *6*	0.22	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1001.6951 *6*	2.46 *9*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1001.7 *4*	0.062 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1001.7	>0.026	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1001.71 *5*	0.040 *8*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1001.71 *18*	†0.31 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1001.8 *3*	0.062 *17*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1001.80 *15*	0.18 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 1001.85	1.2	^{44}Sc(58.6 h)	1126.08(1.2), 1157.031(1.2)
1001.87 *11*	0.031 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1001.9 *2*	0.0043 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1001.9 *3*	0.29 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
• 1001.92 *4*	0.025 *4*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1002.0 *10*	0.12 *3*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
1002		^{90}Ru(13 s)	992
1002.0 *10*	0.089 *22*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
1002.0 *3*	0.09 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1002 *1*		^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1002.0 *5*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1002.02 *20*	0.38 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1002.10 *20*	0.64 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1002.1	0.283 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1002.13 *24*	0.21 *3*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1002.19 *20*	19	^{199}Po(4.13 m)	1034.3(16), 362.01(7), 499.61(4.3)
1002.2 *3*	†2.2 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1002.2 *5*	1.22 *11*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1002.2 *3*	1.49 *15*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1002.23 *22*	0.0087 *7*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1002.3 *3*	0.061 *11*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
• 1002.3	0.134 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1002.38 *6*	0.0657 *14*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1002.38 *5*	0.0168 *22*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
1002.4	1.4 *2*	^{26}Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
1002.4 *5*	1.5 *4*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1002.444 *18*	0.044 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1002.48 *9*	†0.48 *3*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1002.5 *5*	0.22 *11*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1002.5 *6*	0.026 *7*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1002.50 *20*	0.141 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1002.5 *7*	0.36 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1002.6 *2*	0.69 *10*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1002.6 *4*	1.78 *19*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1002.6 *5*	†6.3 *13*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1002.6 *3*	1.0 *5*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
1002.62 *11*	0.070 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1002.68 *15*	0.252 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1002.71 *7*	0.051 *10*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 1002.74 *2*	0.25 *13*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
• 1002.75 *2*	0.022 *3*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1002.75 *2*	5.25 *13*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
• 1002.77 *10*	0.0105 *20*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1002.8 *4*	0.18 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1002.8 *10*	0.08	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
• 1002.8 *1*	0.00103 *9*	^{177}Ta(56.56 h)	112.9498(7.2), 208.3664(0.94), 1057.8(0.29)
• 1002.85 *1*	0.0753 *17*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
• 1002.88 *4*	1.035 *6*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1002.88 *4*	†0.64 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1002.9 *2*	0.09 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1002.9 *5*	0.26 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1002.9 *7*	0.032 *8*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1002.9 *1*	5.0 *11*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
1002.9 *3*	55 *20*	^{148}Tm(0.7 s)	646.6(100), 877.4(72), 257.5(52)
1002.9 *2*	5.62 *8*	^{174}Re(2.40 m)	243.4(37), 113.0(19.8), 349.5(4.8)
1002.9 *3*	0.084 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 1002.93 *5*	0.009 *3*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
• 1003.0 *10*	8.0×10^{-6} *8*	^{233}U(1.592×10^{5} y)	42.44(0.0862), 97.134(0.020), 54.699(0.0182)
1003.03 *10*	0.163 *14*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1003.04 *11*	0.25 *5*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
1003.1 *7*	0.192 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1003.2 *4*	0.69 *8*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
• 1003.20 *10*	0.314 *11*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1003.24 *5*	37.4 *9*	^{86}Nb(88 s)	751.74(97.8), 914.81(78.1), 670.01(14.9)
1003.24 *13*	0.070 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1003.28 *4*	0.158 *8*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1003.3 *4*	0.047 *17*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1003.3 *2*	0.82 *10*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1003.38 *4*	0.51 *4*	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
1003.42 *11*	†1.18 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1003.45 *25*	0.56 *16*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
1003.57 *3*	0.053 *6*	^{213}Bi(45.59 m)	440.46(26.1), 292.80(0.429), 807.36(0.292)
1003.6 *1*	7.86 *24*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
• 1003.6 *2*	0.035 *20*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1003.6		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 1003.65 *9*	0.00070 *14*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
1003.690 *23*	0.0116 *22*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
1003.7 *2*	1.96 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1003.7 *2*	†50	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
1003.7 *5*	†0.63 *21*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1003.7 *5*	†2.1 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1003.8 *2*	0.142 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1003.8 *3*	0.086 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1003.83 *12*	1.62 *18*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1003.9 *9*	0.06 *3*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1003.9 *9*	0.008 *4*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1003.97 *6*	0.51 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1004.00 *20*	2.4 *5*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
1004.0 *3*	0.7 *3*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
1004.00 *8*	0.40 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1004	>0.0050	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
1004.0 *3*	†31.0 *32*	^{233}Pu(20.9 m)	235.4(†100), 534.8(†90.2), 500.3(†38.6)
1004.1 *4*	0.27 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
1004.2 *3*	0.073 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1004.3 *3*	0.0086 *12*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1004.3 *3*	0.074 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
• 1004.3 *4*	0.010 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1004.3 *7*	0.264 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1004.3 *3*	1.23 *12*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1004.31 *10*	0.09 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1004.4 *1*	0.00019 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1004.4 *6*	0.58 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1004.4 *5*	†0.12 *2*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1004.41 *17*	0.36 *4*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1004.44 *12*	0.80 *5*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1004.47 *5*	0.85 *13*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1004.49 *10*	0.353 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 1004.49 *20*	0.022 *3*	^{137}Ce(34.4 h)	824.82(0.44), 169.26(0.44), 762.3(0.192)
1004.5 *10*	0.092 *17*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1004.51 *15*	0.0062 *13*	^{117}In(116.2 m)	158.562(16), 861.35(0.019), 1020.6(0.0068)
1004.51 *15*	0.21 *3*	^{117}Sb(2.80 h)	158.562(86), 861.35(0.31), 1021.0(0.112)
1004.54 *10*	0.152 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1004.56 *6*	0.24 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1004.6 *3*	12.0 *5*	^{72}Cu(6.6 s)	652.4(68), 1657.7(10.1), 846.5(7.8)
1004.6 *5*	0.16 *6*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1004.6 *5*	0.15 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 1004.67 *5*	0.039 *9*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1004.67 *5*	†6.2 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1004.67 *5*	2.90 *21*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
1004.7 *3*	0.37 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
• 1004.725 *6*	18.01 *5*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1004.725 *6*	10.9 *8*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1004.725 *6*	0.80 *18*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1004.725 *6*	7.1 *5*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
1004.73 *20*	0.32 *4*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1004.79 *4*	0.71 *3*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1004.91 *5*	0.041 *8*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
1004.99 *20*	0.0053 *15*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1005.0 *5*	0.071 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1005.0 *5*	0.54 *11*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1005.01 *9*	0.19 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1005.02	0.029	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
• 1005.03 *5*	0.0330 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
• 1005.1 *2*	0.0219 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1005.1 *2*	†4.01 *21*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1005.1 *3*	0.27 *10*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1005.13 *8*	1.34 *7*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
• 1005.193 *16*	0.924 *18*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
1005.2 *5*	0.036 *5*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1005.2 *3*	0.29 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1005.279 *17*	2.90 *17*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 1005.279 *17*	0.647 *15*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1005.4 *9*	0.16 *5*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1005.4 *6*	0.016 *5*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1005.4 *4*	0.59 *11*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1005.5 *5*	0.054 *7*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1005.6 *3*	1.42 *19*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1005.6 *4*	0.26 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1005.6 *2*	†5	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1005.65 *9*	0.164 *12*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1005.7 *3*	1.2 *3*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
1005.7 *7*	0.46 *12*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1005.76 *15*	0.014 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
• 1005.76 *15*	0.096 *20*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1005.78 *9*	1.02 *13*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 1005.8 *2*	1.8×10^{-8} *3*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
• 1005.894 *20*	0.0027 *3*	^{196}Au(6.183 d)	355.684(87), 332.983(22.9), 521.175(0.389)
1005.93 *26*	0.15 *8*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
1005.981 *23*	0.0206 *15*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1006.0 *4*	0.029 *8*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1006.0 *1*	1.45 *13*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1006.0 *10*	0.31 *6*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1006.1 *5*	0.16 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1006.11 *10*	0.414 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1006.14 *6*	90	^{53}V(1.61 m)	1289.59(10), 283.14(0.8), 442.7(0.39)
1006.20 *19*	8.7 *6*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
1006.2 *4*	3.21 *25*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1006.2 *5*	0.16 *5*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1006.2 *6*	0.99 *10*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1006.21 *13*	0.07 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1006.25 *9*	0.075 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1006.25 *14*	0.258 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1006.3 *4*	0.094 *24*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1006.3 *3*	0.068 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1006.3 *5*	<0.15	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1006.351 *10*	0.492 *19*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1006.4	1.2	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
• 1006.4 *1*	1.36 *8*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1006.4 *4*	0.11 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1006.4 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 1006.466 *17*	0.0435 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1006.5 *2*	0.74 *19*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1006.5 *5*	0.93 *14*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1006.6 *2*	0.56 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1006.7 *2*	0.28 *4*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1006.7 *2*	0.86 *20*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
1006.7 *2*	0.24	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1006.7 *1*	†1.7 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
1006.8	1.73 *10*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1006.86 *16*	3.1 *3*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1006.88	0.11	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1007.0 *3*	0.103 *13*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1007		^{158}Ho(21.3 m)	406.14(†100), 838.9(†84.3), 1484.1(†66.2)
• 1007.0 *6*	0.084 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1007 *1*	0.0028	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
1007.08 *8*	3.24 *10*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1007.1 *2*	2.2 *3*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
• 1007.15 *10*	3.06 *11*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
1007.2 *4*	0.92 *10*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
1007.2 *2*	†2.12 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
1007.2 *5*	†0.20 *2*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1007.22 *6*		^{108}Rh(16.8 s)	433.937(43), 618.84(15.0), 497.22(5.2)
1007.22 *6*	0.0139 *7*	^{108}Ag(2.37 m)	433.937(0.50), 618.84(0.261), 510.1(>0.0035)
1007.3 *4*	†2.7 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1007.3 *2*	0.16 *3*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1007.31 *20*	0.41 *10*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1007.4 *3*	0.177 *17*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1007.4	†0.9	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1007.42 *16*	0.140 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1007.431 *25*	0.161 *3*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
• 1007.465 *32*	1.80 *4*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1007.47 *20*	0.0135 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1007.5 *2*	23.4 *7*	^{69}Cu(2.85 m)	834.4(13.1), 531.2(6.0), 1429.8(3.42)
1007.5 *3*	1.28 *23*	^{98}Pd(17.7 m)	112.0(58), 662.2(19.7), 106.75(13.9)
1007.5	†5	^{99}Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
1007.5 *4*	3.6 *3*	^{122}In(10.8 s)	1140.55(100), 1001.58(98.4), 103.74(81)
1007.5 *2*	0.66 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
• 1007.59 *3*	1.271 *13*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
1007.59 *3*	7.17 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1007.6 *1*	0.46 *7*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1007.6 *4*	0.18 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1007.6 *3*	2.7 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1007.7 *2*	0.15 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1007.7 *6*	†7.1 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1007.7 *6*	0.21 *5*	^{160}Tm(74.5 s)	264.1(9), 125.8(6.5), 375.8(2.4)
1007.72 *9*	†0.92 *8*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1007.76 *12*	0.427 *24*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1007.8 *5*	0.31 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1007.8 *1*	†3.4 *3*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
1007.8 *2*	2.9 *7*	^{176}Re(5.3 m)	240.17(48), 109.08(25.0), 848.7(4.0)
1007.8 *1*	1.09 *17*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1007.87 *6*	0.096 *14*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1007.9 *8*	0.0123 *18*	^{142}Pm(40.5 s)	1575.85(2.0), 641.4(0.384), 2384.3(0.067)
1007.9 *1*	0.73 *6*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
1007.96 *1*	0.798 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1008.00 *20*	0.50 *10*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1008.0 *5*	0.49 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
1008.0 *3*	0.20 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1008.03 *31*	†1.7	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
1008.1 *2*	1.11 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1008.1 *5*	13 *3*	^{172}Ho(25 s)	133.6(36), 178.0(23), 757.2(18)
1008.2 *3*	0.27 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1008.28 *5*	1.35 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1008.3 *3*	6.0 *6*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1008.3 *3*	0.22 *3*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1008.39 *10*	1.76 *16*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
1008.4 *5*	1.7×10^{-5} *9*	^{135}La(19.5 h)	480.51(1.5), 874.51(0.164), 587.83(0.1108)
1008.4	0.064 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1008.4 *8*	†2.0 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1008.4 *4*	0.035 *8*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1008.42 *20*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1008.5 *2*	0.62 *12*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1008.5 *6*	0.6 *3*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1008.5 *1*	2.8 *3*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1008.6 *10*	0.043 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1008.6 *4*	0.124 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1008.6 *6*	0.049 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1008.6 *5*	0.0037 *14*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1008.60 *4*	2.24 *23*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1008.64 *28*	1.76 *20*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1008.8 *10*	>0.6	^{96}Pd(122 s)	124.70(65), 762.3(50.0), 499.7(17.9)
• 1008.87 *10*	0.09 *6*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
1008.9 *4*	†0.7 *4*	^{113}Ru(0.80 s)	263.2(†100), 211.7(†31.0), 337.5(†27.9)
1008.93 *5*	0.92 *7*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1008.98 *23*	0.19 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1009.0 *4*	0.046 *7*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1009.0 *5*	1.71 *16*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1009.1 *4*	2.91 *24*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
1009.12 *20*	1.74 *13*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1009.2 *3*	0.048 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1009.25 *16*	1.4 *6*	^{54}V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
1009.27 *6*	30.3 *15*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
• 1009.27	0.011	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1009.3 *1*	0.05 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1009.3 *8*	0.023 *12*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1009.31 *4*	0.070 *3*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1009.35 *14*	0.060 *9*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1009.35 *20*	0.027 *5*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1009.35 *10*	0.39 *3*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1009.36 *17*	2.4 *6*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1009.4 *4*	0.037 *9*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1009.4 *5*	0.27 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1009.4 *4*	0.12 *3*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
• 1009.4 *3*	1.4×10^{-8} *3*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
• 1009.50 *30*	0.0394 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1009.53 *6*	0.071 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1009.59 *15*	0.281 *16*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1009.6	6.5 *14*	^{35}Si(0.78 s)	4100.7(36.5), 3859.5(32.7), 2386.3(31.6)
1009.6 *3*	2.5 *3*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1009.69 *3*	0.164 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1009.7 *3*	0.166 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1009.7 *1*	0.246 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 1009.7 *1*	1.08 *8*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
1009.73 *13*	†2.10 *24*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1009.78 *8*	29.8 *6*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 2218.00(15.2)
1009.8 *3*	0.104 *7*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1009.8 *4*	0.18 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
1009.8 *3*	†30 *2*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
• 1009.9 *3*	0.0033 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1009.9 *2*	0.0041 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1009.9 *2*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1009.9 *3*	0.066 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1009.9 *3*		^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1009.96 *10*	0.029 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1009.96 *17*	0.40 *6*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1009.99 *10*	0.33 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1010.0 *3*	6.1×10^{-5} *20*	^{109}Pd(13.7012 h)	88.04(1.171), 311.4(0.032), 647.3(0.024)
1010.0 *9*	†2.6 *5*	^{132}Pr(1.6 m)	325.5(†100), 496.9(†25), 822.4(†17.3)
• 1010 *20*	0.000004	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
1010.10 *20*	0.52 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1010.18 *23*	0.83 *24*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1010.2 *3*	†2.3	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
• 1010.226 *15*	0.091 *6*	^{184}Re(38.0 d)	903.279(37.9), 792.071(37.5), 111.208(17.1)
• 1010.287 *18*	0.0770 *22*	^{166}Ho(1.20×10^{3} y)	84.410(72.6), 810.276(58.08), 711.683(55.32)
1010.29 *2*	9.54 *20*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1010.3 *5*	0.065 *9*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1010.3 *5*	0.24 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1010.3 *3*	0.017 *4*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
• 1010.35 *20*	0.0279 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1010.4 *10*	0.55 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1010.4 *3*	3.06 *10*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1010.5 *5*	0.017 *11*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1010.50 *7*	0.72 *3*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1010.5 *5*	0.059 *20*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1010.5 *2*	2.30 *12*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1010.54 *10*	1.05 *5*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1010.55 *18*	0.24 *4*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1010.56 *24*	0.29 *6*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1010.6 *4*	0.84 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1010.69 *25*	0.008 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1010.7 *2*	†10.0 *8*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1010.7 *3*	0.118 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1010.7 *1*	†1.32 *13*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1010.71 *17*	0.037 *13*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1010.8 *5*	0.43 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1010.8 *3*	0.022 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1010.8 *3*	0.162 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1010.8 *3*	0.085 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1010.8 *4*	0.085 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1010.84 *20*	0.109 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1010.9 *3*	0.60 *8*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1010.92 *6*	0.68 *7*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1011 *1*	>0.0035	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1011.0 *2*	0.0008 *3*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1011 *1*	0.0040	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
1011.05 *14*	2.26 *21*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1011.06 *6*	0.76 *8*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1011.10 *20*	0.42 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1011.1	†0.42 *6*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
1011.1 *3*	0.031 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1011.1 *3*	1.9 *3*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
1011.2	0.55 *23*	^{148}Ba(0.607 s)	56.08(29.20), 133.53(3.88), 415.78(3.59)
1011.23 *6*	0.074 *4*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1011.3 *5*	0.38	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1011.3 *5*	0.44 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1011.4 *5*	0.20 *4*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1011.4 *3*	3.93 *10*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 1011.4 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1011.42 *8*	0.34 *3*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1011.5 *3*	0.14 *4*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1011.6 *3*	†3.8 *5*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1011.7 *7*	0.071 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1011.7 *1*	2.66 *15*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1011.75 *4*	0.0018 *4*	^{15}C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
1011.8 *5*	0.73 *16*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
• 1011.8 *5*	3.6 *2*	^{194}Ir(171 d)	482.833(97), 328.455(93), 600.5(62)
1011.82 *10*	0.048 *9*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 1011.87 *5*	0.314 *6*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1011.9 *4*	1.46 *17*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1011.92 *9*	0.048 *9*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 1012.03 *15*	0.025 *5*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1012.190 *10*	0.032 *4*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 1012.190 *10*	0.011 *1*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1012.2 *3*	0.15 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1012.2 *3*	†>1.4	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
1012.2 *3*	0.220 *21*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
• 1012.2 *5*	0.0036 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
• 1012.23 *12*	0.195 *7*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
1012.25 *4*	0.954 *24*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1012.3 *8*	0.91 *17*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1012.3 *3*	0.08 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1012.3 *5*	0.112 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1012.3 *3*	2.75 *21*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
• 1012.30 *30*	0.0130 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1012.3 *3*	†28.2 *28*	^{233}Pu(20.9 m)	235.4(†100), 534.8(†90.2), 500.3(†38.6)
1012.4 *2*	†0.43 *4*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1012.40 *40*	0.061 *20*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1012.47 *38*	12.8 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 695.60(7.2)
1012.5 *5*	0.45 *5*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
1012.5	0.147 *23*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1012.50 *20*	0.038 *7*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
1012.5 *1*	0.212 *18*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1012.53 *7*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1012.53 *7*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
• 1012.54 *8*	0.121 *18*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
• 1012.6 *3*	0.031 *13*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
• 1012.610 *21*	0.0225 *7*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
1012.62 *18*	1.66 *13*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1012.7 *6*	0.13 *4*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1012.7	0.012 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1012.70 *6*	0.37 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1012.745 *21*	0.0055 *3*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
• 1012.8 *2*	0.0029 *12*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1012.89 *4*	0.298 *14*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1012.9 *3*	0.098 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1012.90 *10*	0.00297 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1012.91 *10*	1.99 *25*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1012.95 *10*	1.76 *9*	^{199}Tl(7.42 h)	455.46(12.4), 208.20597(12.3), 247.26(9.3)
1013.0 *2*	9.5 *8*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1013.0 *7*	3.0 *4*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1013.0 *4*	0.43 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
• 1013.08 *10*	0.080 *14*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1013.1 *5*	0.25 *6*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
1013.1 *2*	0.070 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1013.1 *3*	0.102 *15*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1013.1 *4*	0.085 *7*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
• 1013.20 *8*	2.50 *5*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1013.2 *6*	0.05 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1013.2 *3*	0.10 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1013.28 *6*	0.91 *6*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
• 1013.30 *4*	0.082 *19*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1013.33 *17*	6.0 *3*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1013.34 *10*	2.7 *6*	^{122}In(1.5 s)	1140.55(29), 2759.13(3.1), 2065.62(1.97)
1013.34 *10*	10.5 *15*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1013.4	0.6 *2*	^{36}P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
1013.4 *3*	1.45 *15*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1013.4 *4*	0.027 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
1013.4 *3*	1.3 *3*	^{122}In(10.8 s)	1140.55(100), 1001.58(98.4), 103.74(81)
1013.4 *2*	0.18 *7*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1013.4 *4*	0.094 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1013.40 *6*	0.0129 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
1013.4 *10*	0.010 *5*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1013.4 *5*	0.071 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1013.5 *5*	0.117 *15*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1013.5 *7*	0.69 *7*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1013.51 *8*	0.103 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1013.57 *8*	0.0013 *3*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
1013.58 *20*	0.0048 *13*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
• 1013.59 *18*	0.0064 *18*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
1013.6 *3*	0.00086 *10*	^{163}Er(75.0 m)	1113.5(0.0490), 436.1(0.0285), 439.94(0.0276)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1013.6 *3*	†0.72 *17*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1013.606 *17*	0.007 *3*	^{28}Mg(20.91 h)	30.6383(95), 1342.27(52.6), 941.72(38.3)
1013.65 *7*	0.079 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1013.7 *2*	2.62 *21*	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
1013.7 *5*	0.70 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1013.70 *14*	0.63 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1013.7 *10*	0.11 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1013.7		^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1013.741 *8*	0.74 *3*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1013.8 *15*	0.22 *6*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
1013.8 *4*	5.9 *17*	^{99}Y(1.470 s)	121.761(33), 724.30(14.9), 536.2(6.6)
1013.8 *3*	0.7 *3*	^{140}Pm(9.2 s)	773.74(5.0), 477.1(2.6), 1204.8(1.9)
• 1013.808 *11*	20.20 *17*	^{148}Pm(41.29 d)	550.284(94.5), 629.987(89), 725.673(32.7)
• 1013.808 *11*	0.532 *12*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1013.82 *20*	0.05 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1013.82 *12*	2.9 *3*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
• 1013.84 *3*	0.058 *12*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1013.9 *3*	0.21 *5*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1013.9 *1*	0.284 *17*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1013.9 *20*	0.010 *3*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1013.95 *19*	0.26 *3*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1013.97 *10*	3.4 *9*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1014.0 *8*	0.7 *4*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1014.0 *4*	2.7 *5*	^{80}Ge(29.5 s)	265.36(27.0), 110.4(6.5), 1564.3(4.9)
1014.0 *3*	0.30 *8*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1014.0 *3*	0.66 *15*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1014.0 *3*	†7.4 *7*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1014.0 *3*	0.9 *2*	^{150}Er(18.5 s)	475.8(100), 130.0(2.6), 1022.1(0.9)
1014.0 *5*	0.34	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 699.0(13.4)
1014.1 *5*	10.7 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 786.4(9.5)
• 1014.11 *4*	0.071 *3*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1014.2 *2*	0.36 *5*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1014.2 *2*	0.023 *8*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1014.2 *2*	0.071 *6*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1014.20 *20*	0.135 *18*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1014.3	†10	^{99}Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
• 1014.3 *3*	0.0013 *4*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
• 1014.37 *4*	0.914 *19*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1014.4 *4*	0.0121 *8*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1014.4 *2*	†2.33 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
1014.4 *3*	†8.9 *10*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1014.4 *1*	0.21 *6*	^{240}Np(61.9 m)	566.34(25.3), 973.9(23.8), 600.57(18.4)
1014.41 *9*	0.82 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1014.42 *3*	28.0 *4*	^{27}Mg(9.458 m)	843.74(71.8), 170.68(0.8)
1014.42 *3*	0.0172 *24*	^{27}Si(4.16 s)	2211.0(0.180), 2981.82(0.026), 1720.3(0.0122)
1014.5 *15*	0.9 *4*	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
• 1014.5 *8*	0.008 *3*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1014.59 *19*	0.046 *15*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1014.6 *8*	†6.3 *23*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1014.6	†<100	^{238}Pa(2.3 m)	1015.3(†<100), 635.18(†88), 448.3(†76)
1014.64 *5*	0.0173 *5*	^{211}Pb(36.1 m)	404.853(3.78), 832.01(3.52), 427.088(1.76)
• 1014.7 *5*	†6.4×10^{2} *16*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
1014.74 *17*	0.068 *20*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1014.75 *5*	0.236 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1014.9 *6*	0.0154 *17*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1014.9 *3*	4.82 *10*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1014.94 *17*	†5.2 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1015.0 *10*	0.008 *4*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1015.0 *1*	0.312 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1015 *1*	0.49 *16*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1015.0 *4*	†4.7 *4*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
1015.02 *10*	†34 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1015.02 *7*	†34 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
• 1015.09 *6*	0.074 *5*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1015.1 *3*	0.11 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1015.1	5.0 *6*	^{145}Tb(29.5 s)	257.8(39), 987.8(37), 537.0(23)
1015.10 *14*	0.00119 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1015.11 *17*	0.010 *4*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
1015.14 *6*	9.8 *5*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
1015.2 *4*	0.105 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1015.2 *2*	0.81 *7*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
• 1015.2 *7*	†0.00098 *24*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
1015.27 *13*	0.190 *14*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1015.3 *3*	0.12 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1015.3 *5*	0.040 *15*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1015.3 *2*	†<100	^{238}Pa(2.3 m)	1014.6(†<100), 635.18(†88), 448.3(†76)
• 1015.31 *3*	0.0121 *5*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
1015.35 *6*	0.60 *5*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1015.35 *7*	0.088 *18*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
1015.4 *4*	0.94 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
• 1015.4 *4*		^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1015.40 *8*	0.24 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1015.5 *10*	0.74 *21*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1015.5 *3*	0.156 *23*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1015.5 *5*	0.00068 *22*	^{205}Hg(5.2 m)	203.750(2.2), 415.70(0.0130), 1218.96(0.0062)
1015.7 *4*	2.9 *3*	^{72}Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
1015.7 *10*	†4	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
1015.7 *2*	1.6 *3*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1015.70 *30*	0.10 *2*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1015.7 *8*	0.25 *5*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1015.75 *7*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1015.75 *7*	1.8 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1015.8 *4*	3.3 *4*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1015.87 *4*	3.38 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1015.90 *10*	0.42 *4*	^{93}Ru(59.7 s)	680.68(6), 1434.73(0.73), 1801.4(0.378)
1015.90 *10*	0.7 *3*	^{93}Ru(10.8 s)	1396.2(39), 1111.2(26.2), 2039.1(9.2)
1015.96 *10*	78	^{68}As(151.6 s)	761.61(33.8), 651.12(32.1), 1777.70(20.1)
1016.0 *4*	0.41 *7*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1016.05 *20*	0.088 *9*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
1016.1 *2*	11.0 *6*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
1016.162 *13*	6.2 *6*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1016.162 *13*	1	^{84}Br(6.0 m)	425.30(100), 881.610(98), 1463.84(97)
• 1016.162 *13*	0.349 *10*	^{84}Rb(32.77 d)	881.610(69), 1897.761(0.738)
1016.2 *2*	0.28 *3*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1016.22 *9*	0.482 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1016.31 *2*	24.1 *5*	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 534.90(13.2)
1016.36 *10*	0.478 *11*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1016.40 *3*	2.78 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1016.4 *4*	†1.8 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1016.42 *14*	0.93 *11*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1016.44 *15*	0.019 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1016.5 *4*	0.065 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1016.55 *20*	0.041 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1016.60 *10*	0.77 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1016.6 *6*	0.209 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1016.70 *12*	0.0037 *5*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
• 1016.7 *2*	0.0136 *19*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
1016.7 *2*		^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
1016.72 *16*	†10.9 *9*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1016.78 *10*	1.23 *6*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1016.8 *5*	0.18 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
• 1016.8 *6*	0.019 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1016.8 *3*	0.089 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1016.8	0.035	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1016.8 *4*	0.57 *5*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
1016.9 *2*	0.66 *9*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1017.0	6.6 *20*	^{23}F(2.23 s)	1701.44(33.0), 2129.3(22), 1822.4(15.6)
• 1017.0 *10*	0.0007 *4*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)
1017.0 *3*	0.57 *16*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1017.0 *5*	0.40 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 1017.08 *16*	0.0172 *21*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1017.1 *2*	1.09 *15*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1017.1 *3*	†1.6 *4*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1017.2 *3*	†3.2 *7*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
1017.29 *6*	0.0146 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1017.31 *14*	0.097 *7*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 1017.40 *5*	0.320 *12*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1017.40 *5*	0.097 *19*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1017.47 *10*	0.32 *3*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
• 1017.58 *5*	0.260 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1017.58 *11*	0.119 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1017.6 *2*		^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
1017.6 *1*	0.222 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1017.6		^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
1017.66 *14*	6.3	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1017.68 *5*	0.0144 *5*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1017.68 *5*	1.06 *9*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1017.7 *3*	0.10 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1017.7 *4*	0.15 *5*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
1017.7 *3*	0.090 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1017.7	†8.1 *4*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
1017.8 *4*	0.028 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1017.8 *2*	0.15	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1017.8 *5*	0.26 *6*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 1017.9 *4*	0.114 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1017.91 *18*	†1.70 *23*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1017.92 *20*	0.0059 *13*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1017.93 *23*	0.18 *12*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
• 1017.93 *13*	0.36 *11*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
1017.999 *11*	0.0096 *4*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1018.0 *3*	0.37 *4*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1018	0.00093 *19*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1018.01 *5*	30 *2*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1018.1 *8*	0.37	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
1018.1 *4*	13.0 *13*	^{113}Te(1.7 m)	814.4(22), 1181.0(12.3), 644.8(6.4)
1018.1 *5*	0.006 *3*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
1018.1 *4*	0.10 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1018.12 *6*	0.480 *24*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1018.14 *13*	>0.0011	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
1018.2 *1*	0.45 *10*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
1018.2 *5*	0.15	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1018.3 *4*	0.041 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1018.33 *20*	1.03 *14*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1018.36 *10*	0.69 *6*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1018.4 *2*	1.21 *11*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1018.5 *2*	0.29 *5*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
• 1018.50 *10*	0.084 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1018.5 *3*	†0.23 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1018.5 *4*	0.81 *8*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
1018.5 *10*	0.122 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1018.52 *13*	0.0595 *22*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1018.58 *25*	0.64 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1018.6 *3*	1.42 *17*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1018.6 *3*	0.22 *3*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
• 1018.63 *8*	7.60 *8*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1018.65 *5*	0.140 *22*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1018.7 *2*	2.6 *6*	^{176}Re(5.3 m)	240.17(48), 109.08(25.0), 848.7(4.0)
1018.77 *19*	0.51 *10*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1018.8 *3*	0.50 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1018.816 *7*	0.37 *4*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
• 1018.816 *7*	0.00113 *21*	^{184}Re(38.0 d)	903.279(37.9), 792.071(37.5), 111.208(17.1)
• 1018.816 *7*	0.094 *10*	^{184}Re(169 d)	252.848(10.7), 216.548(9.43), 920.932(8.14)
1018.85 *25*	†43	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
• 1018.89 *5*	0.0141 *9*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1018.89 *5*	0.29	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1018.9 *3*	0.028 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1018.93 *21*	0.13 *4*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1018.99 *17*	0.0226 *20*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1019.0 *2*	0.148 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1019.0 *4*	0.45 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1019.02 *4*	0.044 *6*	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 692.03(5.50)
1019.1 *2*	0.016 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1019.2 *2*	0.044 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1019.20 *3*	0.197 *5*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1019.24 *14*	0.118 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1019.24 *29*	0.040 *11*	^{164}Yb(75.8 m)	40.928(1.147), 675.41(0.38), 390.6(0.31)
1019.32 *15*	0.073	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1019.43 *6*	0.0022 *5*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
• 1019.45 *15*	0.048 *9*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1019.48 *1*	0.7	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
• 1019.5 *6*	0.013 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1019.5 *1*	0.25	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1019.5 *1*	0.66	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1019.5 *6*	0.40 *16*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1019.5 *4*	0.027 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1019.54 *12*	0.0554 *12*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1019.56	0.84 *4*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1019.58 *13*	0.115 *8*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1019.61 *8*	†<10	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1019.7 *2*	32 *2*	^{123}In(5.98 s)	1130.5(63), 618.8(2.6), 845.5(1.3)
1019.7 *7*	0.56 *21*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
1019.7 *10*	0.19 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 1019.79 *4*	0.114 *9*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1019.80 *4*	2.47 *11*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1019.8 *5*	0.161 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1019.8 *5*	0.050 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1019.8 *3*	0.025 *7*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1019.86 *10*	0.022 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1019.9 *3*	1.97 *17*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 1019.9 *3*	1.04 *16*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1019.90 *20*	0.47 *4*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1019.99 *8*	0.034 *3*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1020 *1*		^{66}Co(0.23 s)	1424.8(100), 1246.0(98), 471.3(23)
1020.0 *3*	0.108 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1020.0 *3*	0.47 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1020.0 *10*	0.040 *24*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1020.0 *6*	0.011 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 1020 *1*	†0.0012 *4*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
1020.04 *5*	34.0 *8*	^{45}Ar(21.48 s)	3703.2(33.3), 61.35(25.0), 1808.38(13.2)
1020.1 *2*	0.29 *6*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1020.1 *4*	†0.77 *22*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1020.2 *3*	†2.6 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1020.3 *12*	0.8 *3*	^{46}Ar(8.4 s)	1944.30(100), 288.1(0.7), 584.7(0.4)
1020.3 *3*	0.014 *8*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1020.3 *5*	0.141 *3*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
1020.4 *3*	0.85 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1020.4 *6*	0.29 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1020.41 *10*	0.58 *15*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1020.55 *5*	0.0238 *5*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1020.6 *5*	0.0068 *14*	^{117}In(116.2 m)	158.562(16), 861.35(0.019), 1004.51(0.0062)
1020.6 *5*	0.103 *17*	^{117}Sb(2.80 h)	158.562(86), 861.35(0.31), 1004.51(0.21)
1020.75 *15*	2.17 *16*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
1020.75 *17*	†2.7 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1020.8 *4*	>0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1020.8 *1*	0.265 *25*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1020.89 *10*	18.9 *6*	^{121}Cd(8.3 s)	2059.41(21.0), 987.81(13.6), 1181.45(12.4)
1021.0 *5*	0.112 *17*	^{117}Sb(2.80 h)	158.562(86), 861.35(0.31), 1004.51(0.21)
1021.0 *3*	†1.06 *12*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
• 1021.00 *20*	0.00193 *10*	^{123}Sn(129.2 d)	1088.64(0.6), 1030.23(0.0310), 160.33(0.00191)
1021.0 *5*	0.036 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1021 *1*	†<10	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1021.05	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1021.05 *11*	0.074 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1021.08 *20*	0.043 *5*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1021.13 *8*	2.81 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1021.2 *4*	1.2 *3*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1021.2 *3*	1.01 *17*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
1021.2 *2*	0.035 *12*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
1021.2 *5*	0.55 *11*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1021.26 *7*	1.30 *9*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1021.4 *5*	0.0013 *8*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1021.4 *2*	1.27 *20*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1021.4 *7*	0.03 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1021.4 *2*	1.18 *11*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1021.4 *3*	0.073 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1021.4 *4*	0.073 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1021.4 *5*	0.010	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
1021.5 *2*	0.033 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1021.5 *5*	0.27 *6*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
1021.5 *3*	1.4	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
1021.5 *5*	1.6 *4*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
1021.5 *5*	0.18 *3*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1021.56 *7*	0.187 *19*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1021.6 *5*	0.14 *6*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1021.6 *8*	>0.04	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1021.62 *5*	0.0054 *3*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1021.67 *12*	0.87 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1021.698	1.96 *3*	^{43}K(22.3 h)	372.760(87), 617.490(79.2), 396.861(11.85)
1021.7	1.465 *14*	^{10}C(19.255 s)	718.3(98.53)
1021.7 *2*	>0.0011	^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
1021.77 *17*	†7.5 *11*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1021.8 *1*	0.46 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1021.8 *7*	0.137 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1021.8	0.0026 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1021.8 *2*	0.14 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1021.9 *5*	0.0059 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1021.9 *7*	0.08 *3*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1021.90 *20*	2.3 *5*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
1021.9 *2*	4.2 *6*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1021.93 *25*	0.19 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1022.0 *10*	0.007 *3*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1022.0 *6*	0.039 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1022.0 *4*	0.51 *7*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
1022 *1*	0.47 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
• 1022.06 *6*	0.078 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1022.07 *6*	0.80 *7*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1022.1 *3*	0.28 *10*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1022.1 *2*	†4.0 *10*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1022.1 *3*	0.9 *2*	^{150}Er(18.5 s)	475.8(100), 130.0(2.6), 1014.0(0.9)
1022.175 *23*	0.0556 *21*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1022.2 *3*	0.27 *14*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
1022.2 *5*	0.076 *9*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1022.24 *12*	0.39 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 1022.370 *21*	1.41 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1022.4 *3*	0.22 *8*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
1022.4 *4*	0.11	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1022.4 *3*	0.39 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1022.43 *5*	0.00069 *8*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
• 1022.43 *5*	0.0173 *9*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
• 1022.46 *4*	0.0090 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1022.5 *3*	4.9 *6*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1022.5 *5*	0.14 *8*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
• 1022.5 *2*	0.049 *7*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1022.6 *5*	0.23	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1022.6 *10*	†2.6 *9*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1022.627 *8*	0.63 *4*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
• 1022.627 *8*	0.52 *3*	^{184}Re(38.0 d)	903.279(37.9), 792.071(37.5), 111.208(17.1)
• 1022.627 *8*	0.180 *16*	^{184}Re(169 d)	252.848(10.7), 216.548(9.43), 920.932(8.14)
1022.7 *2*	0.40 *5*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1022.7 *3*	2.2	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1022.7 *2*	†3.6 *4*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1022.7	0.26	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1022.7 *4*	†15.2 *7*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
1022.7 *5*	†4.9	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
1022.74 *10*	5.19 *19*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1022.78	0.0201 *14*	^{42}K(12.360 h)	1524.70(18), 312.6(0.336), 899.43(0.0515)
1022.78 *3*	0.104 *8*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1022.80 *30*	0.74 *10*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1022.8 *5*	4.40 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1022.9 *5*	0.56 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1022.9 *6*	0.11 *3*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1022.9 *2*	0.0109 *21*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1022.96 *16*	0.049 *10*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1023.0 *3*	0.69 *12*	^{93}Ru(10.8 s)	1396.2(39), 1111.2(26.2), 2039.1(9.2)
1023.0 *2*	0.13 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
• 1023 *1*	0.0067 *18*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1023.0 *3*	0.102 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1023.0 *2*	†2.40 *25*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1023.05 *7*	2.7	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1023.1 *3*	†2.6 *7*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
1023.1 *2*	97.4 *40*	^{120}In(47.3 s)	1171.3(100), 197.3(80.6), 89.9(77.6)
1023.1 *2*	55 *12*	^{120}In(46.2 s)	1171.3(96), 863.7(32.5), 1294.5(12.2)
• 1023.1 *2*	99.4 *3*	^{120}Sb(5.76 d)	1171.3(100), 197.3(87.0), 89.9(79.5)
1023.1 *3*	0.108 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1023.1 *3*	0.58 *5*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1023.18 *7*	4.8 *4*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 721.43(4.3)
1023.20 *12*	0.44 *4*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1023.2 *1*	0.26 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1023.2 *3*	0.58 *6*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1023.2 *3*		^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1023.2 *1*	0.147 *14*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1023.2 *7*	0.61 *14*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1023.28 *14*	0.285 *17*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1023.3 *3*	0.33 *5*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
1023.3 *2*	92.0 *30*	^{142}Eu(1.22 m)	768.1(100), 556.6(86.6), 1016.1(11.0)
1023.3 *3*	†6.5 *20*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
1023.3 *4*	†0.57 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1023.32 *20*	0.54 *10*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1023.44 *7*	0.040 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 1023.44 *7*	0.15 *2*	^{246}Bk(1.80 d)	798.80(61), 1081.40(5.8), 833.60(5.0)
1023.5 *10*	1.2 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
• 1023.6 *2*	0.081 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1023.6 *2*	2.0 *9*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
1023.6 *2*	0.062 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1023.7 *6*	0.12 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1023.73 *3*	6.1 *7*	^{98}Nb(2.86 s)	787.374(13), 1432.22(3.4), 644.830(3.4)
1023.73 *3*	1.02 *7*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1023.8 *6*	0.7 *3*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1023.9 *10*	0.46 *11*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1023.9 *3*	1.11 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1023.99 *4*	1.09 *6*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1024 *1*	0.28 *2*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 793.60(0.10)
• 1024.00 *25*	8.0×10^{-5} *4*	^{121}Te(154 d)	1102.149(2.54), 37.138(0.94), 998.291(0.0796)
1024.00 *18*	0.027 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1024.04 *10*	3.79 *17*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1024.05 *30*	0.164 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1024.1 *3*	0.99 *13*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
1024.1 *3*	†12	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1024.1 *3*	0.41 *6*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1024.13 *6*	0.73 *5*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1024.2 *2*	0.55 *5*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1024.25	0.12	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1024.3 *5*	>0.14	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1024.3 *1*	33	^{91}Sr(9.63 h)	749.8(23.61), 652.9(8.0), 925.8(3.84)
1024.3 *3*	0.11	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1024.3 *3*	<0.54	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1024.3 *3*	1.43 *7*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
1024.317 *24*	0.244 *5*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1024.4 *2*	†4.0 *7*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1024.4 *13*	>0.35	^{179}Yb(8.0 m)	592.1(75), 612.3(35.4), 381.4(9.6)
1024.4 *7*	0.43 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1024.4 *10*	0.26 *5*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1024.49 *11*	1.09 *7*	^{97}Nb(72.1 m)	658.08(98), 1268.68(0.148), 1515.59(0.122)
1024.5 *1*	0.164 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1024.5 *4*	†6.8 *5*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
1024.54 *24*	0.48 *6*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1024.6 *5*	0.14 *3*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1024.6 *3*	0.9 *4*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1024.6 *3*	†0.27 *3*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
1024.6 *2*	0.13 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1024.64 *5*	0.0170 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1024.7 *2*	0.26 *5*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
• 1024.7 *6*	0.016 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1024.7 *2*	†0.29 *5*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1024.70 *6*	0.044 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1024.7 *3*	†0.82 *21*	^{194}Bi(92 s)	965.4(†100.0), 575.1(†98.0), 280.1(†73.7)
1024.71	6.67 *12*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1024.9 *4*	1.52 *11*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1024.9 *19*	0.14 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1024.91 *15*	2.87 *22*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1025.0 *5*	3.4 *7*	^{52}Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
1025		^{92}Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
1025.0 *3*	4.2 *4*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
1025.0 *1*	24.8 *12*	^{119}Cd(2.20 m)	2021.3(22.6), 720.7(17.9), 1203.7(13.4)
1025.0 *15*	0.86 *19*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1025 *1*	0.00015	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 1025 *1*	†0.0010 *3*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
1025.03 *13*	0.134 *9*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1025.08 *16*	0.008 *4*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1025.09 *5*	0.465 *24*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1025.11 *17*	12.4 *7*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1025.12 *4*	0.201 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1025.2 *2*	0.034 *7*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
1025.2 *2*	0.031 *16*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1025.3 *5*	0.23 *8*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
• 1025.30 *10*	0.043 *4*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1025.3 *2*	0.052 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1025.377 *11*	3.1×10^{-5} *21*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1025.4 *2*	0.80 *8*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1025.5 *1*	0.19 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1025.5 *4*	0.15 *7*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1025.54 *24*	0.43 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1025.6 *3*	0.23 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1025.7 *4*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
• 1025.72 *7*	0.084 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1025.73 *10*	0.151 *10*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
1025.73 *11*	†2.8 *3*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1025.8 *4*	2.3 *3*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
• 1025.87 *2*	9.6 *5*	^{238}Np(2.117 d)	984.45(27.8), 1028.54(20.3), 923.98(2.86)
1025.9 *3*	0.0045 *16*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1025.96 *76*	0.10 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1026.0 *2*	<0.11	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1026.05 *10*	0.164 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 1026.05 *10*	1.46 *7*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
1026.19 *5*	2.17 *12*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1026.25 *10*	0.00277 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
• 1026.27 *6*	0.0054 *24*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1026.27 *6*	0.067 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1026.29 *10*	0.80 *7*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1026.30 *20*	0.50 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1026.34 *24*	†7.4 *7*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
1026.35 *20*	5.30 *21*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1026.4 *3*	1.14 *23*	^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
1026.4 *2*	5.30 *21*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1026.4 *2*	0.16 *4*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1026.43 *14*	0.292 *21*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1026.46 *4*	1.80 *6*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1026.49 *5*	1.55 *10*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1026.5 *1*	7.6 *7*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1026.50 *22*	0.19 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1026.5 *4*	†1.0 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1026.5 *2*	100	^{200}Bi(36.4 m)	462.34(98), 419.70(91), 245.154(46)
1026.5 *2*	†110 *6*	^{200}Bi(31 m)	462.34(†45.7), 419.70(†26.0), 245.154(†5.6)
1026.5 *10*	0.0081	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
• 1026.512 *17*	0.312 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1026.6 *10*	0.008 *4*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1026.6 *3*	†1.29 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1026.7 *5*	0.65 *20*	^{96}Pd(122 s)	124.70(65), 762.3(50.0), 499.7(17.9)
1026.7 *8*	0.28	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
1026.71 *8*	1.22 *5*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1026.74 *5*	0.27 *5*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1026.8 *3*	0.108 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1026.8 *2*	0.056 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
• 1026.8 *2*	0.0015 *5*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
1026.8 *3*	0.11 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1026.83 *3*	5.5 *3*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1026.87 *6*	0.07 *4*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1026.91 *15*	1.30 *15*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1026.99 *6*	0.071 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1027 *2*	0.00011 *3*	^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
1027 *2*	9.1	^{50}K(472 ms)	4030(2.6), 4880(1.5), 3005(1.3)
1027 *2*	†130 *11*	^{51}K(365 ms)	1973(†45)
1027.0 *1*	0.43 *12*	^{134}Te(41.8 m)	767.20(29.0), 210.465(22.3), 277.951(20.9)
1027.08 *15*	0.91 *7*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 1027.091 *12*	0.061 *17*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1027.1 *4*	0.12 *3*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1027.1 *4*	0.014 *2*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1027.1 *2*	5.7 *3*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1027.11 *7*	0.023 *5*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1027.18 *4*	0.0088 *16*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1027.2 *2*	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1027.2 *2*	†4.5 *4*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
1027.2 *5*	0.27 *5*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1027.3 *3*	0.011 *4*	^{88}Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
1027.3 *2*	†3	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1027.3 *4*	2.0 *5*	^{148}Er(4.6 s)	1311.8(8.9), 244.0(7.1), 315.3(6.9)
1027.33 *8*	0.09 *5*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
• 1027.39 *8*	0.128 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1027.4 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1027.4 *2*	0.54 *12*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
• 1027.4 *2*	0.040 *7*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1027.4 *1*	†1.80 *18*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
1027.42 *11*	42.7 *22*	^{61}Fe(5.98 m)	1205.07(44), 297.90(22.2), 1645.95(7.0)
1027.45 *15*	22.6 *15*	^{123}Cd(1.82 s)	1165.86(25.7), 2102.81(12.5), 2601.98(12.0)
• 1027.45 *15*	0.114 *13*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
1027.53 *8*	25.8 *15*	^{125}Cd(0.57 s)	1173.16(25.1), 736.65(12.6), 2392.43(9.4)
1027.55 *20*	0.18 *4*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1027.662 *24*	16.8 *7*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1027.7	0.47	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
• 1027.8 *4*	0.010 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1027.9 *3*	0.203 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1027.9 *2*	0.14 *5*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1028.0 *3*	†2.3 *6*	^{103}Nb(1.5 s)	102.64(†100), 641.1(†55), 538.5(†34.0)
1028 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1028.0 *3*	0.119 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1028.1 *2*	0.64 *3*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
1028.11 *4*	0.0390 *16*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
1028.11 *4*	0.017 *8*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
1028.16 *11*	0.57 *5*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
1028.19 *7*	100 *2*	^{140}Pm(5.95 m)	773.74(100), 419.57(92), 1197.5(3.8)
1028.2 *2*	†2.86 *17*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1028.2 *10*	0.017 *7*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1028.25 *7*	1.22 *10*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1028.3 *3*	0.65 *13*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1028.3 *5*	0.0070 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1028.4 *4*	0.42 *9*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1028.4 *5*	†6.6 *17*	^{233}Pu(20.9 m)	235.4(†100), 534.8(†90.2), 500.3(†38.6)
1028.5 *3*	0.25 *7*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
1028.54 *10*	0.255 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
• 1028.54 *2*	20.3 *8*	^{238}Np(2.117 d)	984.45(27.8), 1025.87(9.6), 923.98(2.86)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1028.54 *2*	0.115 *17*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
• 1028.54 *2*	1.6×10^{-6} *6*	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
1028.6 *6*	0.3 *2*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1028.65 *2*	4.91 *14*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 889.96(1.530)
1028.65 *2*	0.44 *4*	^{250}Es(8.6 h)	828.82(72), 303.41(21.6), 349.4(19.8)
1028.7 *2*	0.11 *6*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1028.7 *1*	0.57 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1028.80 *10*	0.81 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1028.9 *3*	0.31 *5*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1028.90 *30*	30.4 *18*	^{116}Ag(10.4 s)	513.39(92), 705.82(61), 708.80(20)
1028.9 *2*	5.5 *8*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1028.9 *5*	0.0110 *22*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1028.9 *10*	†1.8	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1028.991 *19*	0.010 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1029 *2*	>0.06	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1029 *1*	0.42 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1029.05 *20*	0.040 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1029.06 *3*	11.7 *4*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1029.1 *2*	1.2 *8*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
1029.18 *6*	0.151 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1029.21 *9*	1.62 *8*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
• 1029.3 *5*	0.0249 *15*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1029.4 *4*	0.27 *4*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
1029.4 *3*	0.0059 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1029.4 *3*	0.37 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1029.4 *6*	0.028 *15*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1029.4 *8*	0.028 *15*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1029.46 *13*	0.65 *6*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1029.5 *3*	0.24 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1029.55 *5*	0.105 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1029.58 *32*	0.15 *5*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1029.6 *7*	0.68 *5*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1029.6 *5*	0.126 *16*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1029.6 *2*	0.078 *9*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1029.60 *5*	0.33 *3*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1029.6 *6*	0.52 *12*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
1029.65 *26*	0.023 *5*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
1029.7 *2*	†5.7 *1*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
1029.81 *14*	0.019 *13*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1029.88 *6*	1.22 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1029.9 *5*	0.57 *6*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1029.97 *8*	1.30 *4*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1030 *1*		^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1030.0 *2*	1.42 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1030.0 *3*	†0.9 *3*	^{194}Bi(92 s)	965.4(†100.0), 575.1(†98.0), 280.1(†73.7)
1030.05 *7*	0.68 *4*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1030.1 *2*	2.02 *8*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1030.1 *4*	0.071 *11*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1030.1 *6*	12.6 *8*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1030.12 *7*	0.27 *3*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1030.170 *21*	0.217 *11*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
• 1030.20 *8*	0.0107 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
• 1030.2 *3*	0.0131 *20*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1030.23 *10*	0.0310 *12*	^{123}Sn(129.2 d)	1088.64(0.6), 1021.00(0.00193), 160.33(0.00191)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1030.3 *5*	0.27 *10*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
1030.4	†0.8	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1030.5	0.015 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1030.6 *10*		^{76}Zn(5.7 s)	281.7, 831.2, 755.0
• 1030.6 *10*	0.0009 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1030.6 *5*	1.66 *12*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1030.7 *4*	1.5 *3*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1030.8 *3*	0.081 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1030.86 *24*	0.22 *8*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1030.86 *24*	21.2 *7*	^{83}Se(70.1 s)	356.687(18), 987.96(16.1), 673.98(15.2)
• 1030.9 *6*	0.011 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1030.9 *2*	†0.23 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 1030.9 *5*	0.018 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1030.9 *3*	1.1 *5*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
1030.9 *3*	†0.32 *14*	^{196}Bi(240 s)	1049.21(†21.1), 371.93(†20.8), 689.00(†19.2)
1031.00 *17*	1.36 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1031.0 *2*	1.23 *9*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
1031.04 *19*	3.16 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1031.2 *3*	0.062 *16*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
• 1031.22 *3*	0.0201 *9*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
1031.3 *4*	0.0105 *24*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
1031.3 *2*	†4.0 *5*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1031.5 *6*	1.5 *13*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1031.5 *5*	0.25 *6*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
1031.5 *3*	0.178 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 1031.52 *6*	0.034 *11*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1031.57 *24*	†1.18 *23*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
1031.59 *8*	0.250 *17*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
1031.59 *8*	2.15 *12*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
1031.6 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1031.69 *8*	1.99 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 1031.70 *3*	0.125 *5*	^{132}Cs(6.479 d)	464.55(1.73), 567.14(0.234)
1031.70 *3*	7.8 *5*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1031.70 *3*	2.7	^{132}La(24.3 m)	464.55(22), 663.07(11.6), 285.6(7)
1031.7 *2*		^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
1031.75 *10*	9.6 *6*	^{125}In(2.36 s)	1335.04(71), 617.88(7.4), 744.62(5.2)
1031.77 *8*	0.0044 *13*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1031.8 *2*	0.77 *5*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
1031.8 *3*	0.21 *5*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
1031.85 *2*	35.6 *5*	^{250}Bk(3.217 h)	989.12(45), 1028.65(4.91), 889.96(1.530)
1031.85 *2*	10.6 *8*	^{250}Es(2.22 h)	989.12(13.3), 828.82(5.5), 1167.25(2.94)
1031.87 *12*	0.054 *5*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
1031.9 *10*	0.05 *3*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1031.9 *10*	0.07 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1031.9 *2*	7.8 *9*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
• 1031.91 *6*	0.131 *7*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1031.94 *4*	58 *3*	^{89}Rb(15.15 m)	1248.19(42.6), 2196.02(13.3), 657.77(10.0)
1032.0 *3*	0.050 *11*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1032	0.031 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1032.1 *1*	2.9 *3*	^{146}Tb(23 s)	1579.4(100), 1078.6(51.6), 1417.2(17.2)
1032.162 *27*	0.042 *4*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
• 1032.26 *10*	32.9 *7*	^{206}Po(8.8 d)	511.36(24.1), 286.410(23.8), 807.38(22.7)
1032.3 *3*	13.7 *10*	^{52}Sc(8.2 s)	1049.7(98), 1267.9(39), 1214.5(11.7)
1032.3 *4*	0.065 *6*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1032.3 *8*	0.038 *20*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1032.37 *8*	0.072 *23*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1032.4 *4*	0.0048 *6*	^{45}Ti(184.8 m)	720.22(0.154), 1408.6(0.085), 1662.4(0.041)
1032.4 *5*	0.10 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1032.4 *6*	0.105 *21*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1032.4 *2*	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1032.4 *2*	0.044 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1032.4 *3*	0.144 *22*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1032.5 *4*	0.54 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1032.55 *8*	0.85	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1032.59 *17*	0.530 *19*	^{91}Mo(65.0 s)	1507.93(24.3), 1208.09(18.7), 2240.87(0.73)
1032.6 *5*	0.58 *6*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1032.6 *1*	10.0 *9*	^{111}Sb(75 s)	154.48(71), 489.1(42), 755.4(5.1)
1032.64 *7*	10.8 *12*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1032.8	0.09 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1032.8 *2*	0.018 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1032.85 *7*	35 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1032.9 *3*	0.38 *6*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1032.9		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1033 *2*	0.26 *8*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
1033.0 *1*	0.342 *14*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
1033.0 *10*	0.17 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1033.0 *10*	0.43 *8*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1033.04 *21*	0.36 *7*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1033.1 *18*	2.5 *9*	^{53}Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
1033.10 *20*	0.070 *19*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1033.11 *3*	0.47 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1033.11 *3*	0.44 *7*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1033.2 *1*	0.110 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1033.2 *4*	0.47 *5*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
1033.2 *4*	†0.3 *1*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1033.2 *4*	0.100 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1033.2 *5*	0.023 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1033.250 *10*	0.207 *13*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1033.250 *10*	0.50 *3*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
• 1033.3 *8*	0.006 *5*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1033.30 *9*	0.44 *7*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1033.3 *5*	†2.1 *3*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1033.3 *3*	†2.1 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1033.4	0.25 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 1033.4	0.0118 *6*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1033.47 *4*	1.06 *5*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1033.48 *21*	1.8 *2*	^{94}Rh(25.8 s)	756.23(100), 1430.50(100), 311.70(97.3)
1033.5 *2*	0.14 *4*	^{240}Np(61.9 m)	566.34(25.3), 973.9(23.8), 600.57(18.4)
• 1033.5 *2*	0.010 *1*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
• 1033.542 *17*	0.1952 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1033.6 *3*	0.113 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1033.7 *6*	2.5 *18*	^{172}Ho(25 s)	133.6(36), 178.0(23), 757.2(18)
1033.74 *10*	0.046 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1033.8 *3*	9	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1033.8 *5*	0.33 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1033.9 *8*	1.9 *5*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1033.95 *11*	0.130 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
• 1033.986 *14*	7.77 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1033.998 *28*	0.0529 *11*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1034		^{132}Pr(1.6 m)	325.5(†100), 496.9(†25), 822.4(†17.3)
1034.0 *3*	0.119 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1034.0 *5*	†11.7 *13*	^{180}Au(8.1 s)	153.3(†100), 524.3(†29), 257.6(†26)
1034.0 *3*	0.35 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1034.02 *2*	0.53 *4*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
1034.087 *11*	0.421 *17*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
• 1034.20 *30*	0.027 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1034.2 *2*	0.29 *5*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1034.25 *10*	1.4 *1*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
1034.3 *3*	1.44 *6*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1034.3	0.19 *4*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1034.3 *3*	16	^{199}Po(4.13 m)	1002.19(19), 362.01(7), 499.61(4.3)
1034.39 *21*	1.70 *8*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1034.4 *5*	1.06 *17*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1034.47 *6*	0.120 *25*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1034.49 *4*	0.022 *4*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1034.6 *1*	†8.10 *32*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1034.6	99.7	^{149}Ho(58 s)	1736.4(28.0), 372.1(25.3), 1754.0(19.0)
1034.60 *10*	0.201 *22*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1034.6 *10*	0.53 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1034.72 *8*	0.0272 *7*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1034.79 *13*	0.0055 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1034.80 *20*	0.39 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1034.8 *4*	†4.5 *10*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1034.8 *3*	0.47 *7*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1034.85 *5*	6.02 *6*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 484.40(2.21)
1034.87 *22*	0.25 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1034.9 *6*	0.13 *5*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1034.9 *3*	†3.2 *6*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1035	†6	^{92}Br(0.343 s)	769(†100), 1446(†10), 678(†6)
1035.0 *2*	0.51 *5*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1035.0 *2*	0.025 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 1035.07 *6*	1.00 *5*	^{126}Sb(12.46 d)	695.03(100), 666.331(100), 414.81(83.3)
1035.07 *6*	1.80 *17*	^{126}Sb(19.15 m)	414.81(86), 666.331(86), 695.03(82)
1035.1 *5*	0.066 *21*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1035.1 *10*	0.94 *17*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1035.18 *10*	0.50 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1035.2 *2*	3.70 *18*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
• 1035.4 *4*	0.036 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
• 1035.40 *10*	0.00056 *24*	^{121}Te(154 d)	1102.149(2.54), 37.138(0.94), 998.291(0.0796)
1035.4 *3*	1.6 *3*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
• 1035.4 *2*	0.137 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1035.4	0.015 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1035.4 *4*	0.016 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1035.4 *4*	0.80 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1035.4 *5*	†5.7 *15*	^{233}Pu(20.9 m)	235.4(†100), 534.8(†90.2), 500.3(†38.6)
1035.5 *10*	1.1 *4*	^{90}Tc(49.2 s)	1054.3(100), 948.1(100), 944.7(36.6)
1035.5 *3*	0.20 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1035.5 *3*	0.037 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1035.5 *4*	0.23 *10*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1035.5 *5*	0.0028 *21*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1035.5 *4*	0.74 *14*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1035.54 *17*	0.93 *18*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1035.58 *25*	0.0087 *17*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
1035.6 *3*	1.06 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1035.61 *7*	0.24 *4*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1035.7 *7*	0.053 *14*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
• 1035.71 *8*	0.0073 *24*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1035.71 *8*	0.0073 *19*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
1035.9 *8*	0.9 *3*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1035.9 *3*	0.57 *10*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1035.9 *3*	0.172 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1035.9 *2*	0.085 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1035.9 *2*	0.026 *9*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1036.00 *20*	7.4 *10*	^{102}Sr(69 ms)	243.80(53), 150.15(18.0), 93.89(13.4)
1036.0 *4*	0.017 *17*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
• 1036 *1*	0.0079 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1036.0 *4*	0.010 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1036.00 *4*	12.6 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 1036.00 *4*	1.75 *13*	^{246}Bk(1.80 d)	798.80(61), 1081.40(5.8), 833.60(5.0)
1036.05 *20*	0.27 *3*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 1036.05 *20*	2.42 *14*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
1036.08 *15*	0.19 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1036.1 *4*	0.24 *9*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1036.1 *4*	2.02 *19*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1036.1		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 1036.1 *3*	0.015 *2*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
1036.13 *7*	0.234 *12*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1036.16 *7*	0.198 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1036.2 *10*	2.6 *3*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1036.2 *10*	†10 *10*	^{196}Tl(1.41 h)	426.0(†540), 635.5(†304), 695.6(†243)
1036.2 *8*	0.008 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1036.3 *3*	2.05 *17*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1036.3 *3*	0.12 *6*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1036.3 *2*	†22 *1*	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1036.3 *3*	0.123 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1036.38 *9*	0.0162 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1036.4 *1*	3.6 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
1036.4 *3*	10.3 *2*	^{177}W(135 m)	115.65(50), 426.98(13.2), 115.05(8.6)
1036.4 *6*	0.35 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1036.48 *24*	0.30 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1036.5 *3*	>0.21	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1036.5 *3*	0.38 *8*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1036.5 *3*	0.0030 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1036.6 *2*	12.8 *6*	^{102}Cd(5.5 m)	481.0(63), 505.1(9.6), 414.8(7.6)
1036.6 *2*	0.126 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1036.6 *5*	0.170 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1036.6 *2*	†3.3 *3*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
1036.63 *17*	0.00100 *25*	^{123}I(13.27 h)	158.97(83), 528.96(1.39), 440.02(0.428)
1036.7	†1.6 *4*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1036.72 *15*	0.59 *9*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
• 1036.75 *20*	0.040 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1036.9 *9*	†0.7 *4*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1036.9 *3*	0.8	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
1036.92 *9*	0.32 *3*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
• 1037.0 *4*	0.00047 *14*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
1037.0 *3*	†2.9 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1037	0.053 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 1037.07	0.07	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1037.07 *7*	0.62 *7*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1037.08 *59*	0.079 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1037.1 *4*	0.18 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1037.1 *4*	0.125 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1037.2 *6*	0.0210 *19*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
1037.2 *3*	0.044 *14*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
1037.2 *2*	†271 *48*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1037.2 *3*	0.19 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1037.28 *9*	0.39 *5*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1037.3 *1*	6.6 *6*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1037.3 *1*	3.2	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
1037.32 *30*	2.00 *20*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
1037.4 *5*	3.28 *21*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
1037.43 *10*	1.19 *6*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1037.43 *14*	0.40 *5*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
• 1037.49 *13*	0.047 *23*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1037.5 *6*	1.0 *3*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
• 1037.530 *15*	0.2017 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1037.56 *7*	0.603 *15*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
• 1037.599 *26*	97.6 *5*	^{48}Sc(43.67 h)	1312.096(100.1), 983.517(100.1), 175.361(7.48)
1037.62 *4*	0.55 *3*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1037.63 *7*	0.29 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1037.69 *8*	0.27 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
• 1037.76 *15*	1.045 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1037.8 *7*	1.8 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1037.8 *1*	101 *5*	^{138}Pr(2.12 h)	788.742(100), 302.7(80), 390.9(6.1)
1037.8 *4*	0.027 *6*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1037.81 *8*	0.384 *19*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
1037.83 *8*	0.103 *8*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
1037.840 *6*	0.040 *5*	^{56}Mn(2.5785 h)	846.771(98.9), 1810.772(27.2), 2113.123(14.3)
• 1037.840 *6*	13.99 *10*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1037.9 *3*	0.073 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1037.9 *2*	0.018 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1037.93 *6*	4.16 *21*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1038		^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
1038.0 *3*	0.96 *14*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
1038 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1038.0 *1*	†0.8 *2*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
1038.0 *10*	0.15 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1038.0 *6*	0.011 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1038.1 *2*	†0.57 *12*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1038.1 *5*	0.056 *15*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
• 1038.11 *4*	0.114 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1038.18 *5*	0.0067 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1038.2 *7*	0.20 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1038.2 *5*	0.46 *8*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
1038.2 *5*	0.036 *14*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1038.3 *5*	0.030 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1038.3 *6*	0.053 *5*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
1038.3 *3*	0.65 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1038.33 *10*	0.0071 *5*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
• 1038.35 *20*	0.024 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1038.44 *6*	0.586 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1038.48 *4*	0.050 *8*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1038.5 *4*	1.2 *4*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1038.5 *4*	1.3 *4*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
1038.5 *1*	0.077 *6*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1038.5 *8*	1.5 *4*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
• 1038.55 *25*	0.087 *9*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
• 1038.56 *8*	0.31 *3*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
• 1038.571 *26*	1.00 *1*	^{134}Cs(2.062 y)	604.699(97.56), 795.845(85.44), 569.315(15.43)
1038.571 *26*	0.00377 *25*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1038.63 *7*	0.218 *8*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1038.68 *12*	0.61 *11*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1038.7		^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1038.757 *12*	0.323 *12*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1038.760 *21*	8.01 *9*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1038.8 *1*	0.29 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1038.85 *25*	1.0 *3*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
1038.9 *4*	0.25 *5*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1038.93 *18*	0.157 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1039.0 *2*	4.51 *18*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1039	†1.0	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1039.0 *15*	1.1 *9*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
1039.0 *4*	†195 *71*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1039.04 *3*	6.4 *20*	^{86}Nb(88 s)	751.74(97.8), 914.81(78.1), 1003.24(37.4)
1039.06 *10*	0.005 *2*	^{29}Al(6.56 m)	1273.367(90.6), 2425.907(5.7), 2028.12(3.7)
1039.1 *4*	2.2 *4*	^{29}S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
1039.1 *3*	0.89 *13*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1039.1 *1*	†0.9 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
1039.11 *8*	0.417 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1039.13 *15*	0.83 *7*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
• 1039.149 *10*	0.138 *7*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1039.149 *10*	0.070 *6*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1039.20 *8*	†0.65 *5*	^{70}Ga(21.14 m)	176.17(†0.29)
1039.20 *8*	81 *3*	^{70}As(52.6 m)	1114.1(21.8), 668.3(21.8), 743.56(21.5)
1039.2 *5*	0.0083 *18*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
1039.2 *3*	>0.11	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
• 1039.264 *6*	2.777 *25*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
1039.30 *5*	7	^{66}Cu(5.088 m)	833.50(0.16), 1333.00(0.0028), 1872.94(<0.0)
1039.30 *5*	37	^{66}Ga(9.49 h)	2752.01(23.38), 833.50(5.89), 2189.85(5.60)
1039.3 *5*	0.17 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
• 1039.34 *6*	0.0090 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1039.4 *2*	>0.028	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1039.4 *3*	0.09	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1039.5 *5*	1.5 *4*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1039.59 *3*	0.484 *17*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1039.6 *4*	0.20 *8*	^{30}Al(3.60 s)	2235.24(65), 1263.23(40), 3498.37(32)
1039.6 *3*	1.34 *25*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1039.6 *4*	1.0 *2*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1039.65 *15*	0.046 *9*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1039.65 *15*	0.14 *3*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1039.7 *5*	†0.36 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1039.7 *3*	0.146 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1039.7 *2*	†2.4 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1039.8 *3*	1.63 *12*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1039.88 *3*	0.668 *21*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1039.9 *8*	0.74 *25*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1039.9	0.087 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1039.9 *4*	†3.1 *7*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
1039.902 *17*		^{52}Fe(8.275 h)	168.684(99.2), 377.738(1.68)
1039.97 *5*	2.18 *24*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1039.97 *5*	0.48 *12*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1040 *1*	1.66 *11*	^{29}Na(44.9 ms)	54.6(<41), 2560(36), 1638.0(5.9)
1040 *1*	10.6 *6*	^{30}Na(48 ms)	336(2.65), 1638.0(0.80), 2211.3(0.50)
1040.0 *5*	>7	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1040	0.08 *3*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
1040.0 *5*	1.9 *5*	^{176}Re(5.3 m)	240.17(48), 109.08(25.0), 848.7(4.0)
1040.01 *4*	9.6 *3*	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
1040.02 *6*	6.5 *7*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1040.1 *1*	0.341 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1040.2 *1*	56 *6*	^{84}Y(40 m)	793.3(99), 974.6(75), 660.9(15.7)
1040.2 *2*	†23 *3*	^{103}Mo(67.5 s)	83.4(†100), 423.91(†69), 45.8(†57)
1040.2 *4*	0.12 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1040.2 *12*	0.007 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1040.25 *10*	1.91 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1040.26 *15*	16.8 *10*	^{121}Cd(13.5 s)	324.976(49.5), 349.937(12.9), 1483.23(8.2)
1040.3 *2*	0.030 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1040.3 *2*	†3.4 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1040.3 *5*	†5.6 *17*	^{194}Tl(33.0 m)	428.0(†100), 636.5(†23), 645.20(†13)
1040.4 *2*	9.9 *6*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1040.4 *5*	†1.6 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
• 1040.4 *4*	0.40 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1040.4 *2*	0.073 *12*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1040.4	2.8×10^{-6}	^{253}Es(20.47 d)	41.79(0.050), 389.11(0.0264), 387.1(0.00810)
1040.41 *15*	0.0011	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
• 1040.43 *5*	0.501 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 1040.43 *5*	0.645 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1040.50 *15*	0.320 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1040.5 *8*	0.0085 *17*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1040.5 *3*	†18 *4*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
1040.58 *4*	1.33 *6*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
• 1040.6 *4*	0.0018 *7*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
1040.63 *6*	3.15 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1040.65 *4*	1.46 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1040.7 *5*	0.07 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1040.7 *4*	0.50 *7*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1040.7 *5*	0.13	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1040.7 *5*	0.32	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1040.7		^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1040.7 *3*	0.24 *3*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
1040.7 *10*	0.51 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1040.73 *6*	0.96 *19*	^{128}Sb(10.4 m)	753.82(96.4), 743.22(96), 314.12(89)
1040.75 *9*	0.29 *4*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1040.8 *2*	0.076 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1040.8 *3*	0.222 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1040.9 *3*	0.158 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1040.92 *15*	0.046 *9*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1040.93 *22*	0.037 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
• 1040.99 *3*	0.351 *11*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1041.0 *3*	0.073 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1041.0 *4*	0.142 *25*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
1041.1 *5*	1.12 *20*	^{121}In(3.88 m)	60.34(20), 1100.7(0.92), 1121.2(0.51)
1041.2 *4*	0.056 *8*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1041.21 *6*	0.53 *3*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1041.278 *22*	0.19 *7*	^{244}Am(26 m)	1084.181(0.37), 941.95(0.36), 1062.953(0.28)
1041.3 *2*	9.6 *10*	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 152.0(5.5)
1041.3 *3*	†2.3 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1041.35 *5*	3.03 *25*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1041.4 *3*	2.22 *23*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1041.4 *6*	0.32 *6*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
1041.4 *3*	0.063 *17*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1041.4 *2*	9 *4*	^{140}Gd(15.8 s)	174.8(76), 749.9(70), 379.0(38)
1041.5 *3*	18 *2*	^{132}Sb(4.10 m)	696.8(100), 973.9(100), 150.6(66)
1041.5 *6*	0.157 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1041.52 *8*	7.83 *21*	^{18}Ne(1672 ms)	659.25(0.132), 1700.72(0.056), 1080.51(0.0021)
1041.6 *8*	0.54 *11*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1041.7 *4*	0.16 *5*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1041.7 *5*	0.11 *3*	^{109}Rh(80 s)	326.868(54), 426.135(7.7), 178.034(7.6)
1041.7 *3*	0.30 *4*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1041.7 *2*	0.032 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1041.7 *2*	†1.20×10^{3} *10*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 1041.7 *2*	0.15 *2*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 1041.7 *2*	2.2×10^{-7} *3*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
1041.77 *10*	0.076 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1041.80 *15*	0.22 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1041.8 *3*	0.096 *18*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1041.8 *1*	9.9 *6*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 808.4(8.6)
1041.81 *5*	1.07 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1041.9 *2*	0.215 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1041.9 *2*		^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1041.9 *5*	0.18 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1041.91 *8*	0.355 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1041.95 *5*	2.54 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1041.95 *3*	0.028 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1041.99 *5*	2.19 *10*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1042.0 *4*	0.77 *4*	^{86}Se(15.3 s)	2441.1(43.0), 2660.0(21.6), 48.3(15.4)
1042.0 *10*	0.28 *7*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1042.0 *1*	3.08 *18*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
1042 *2*	†2.6	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
1042.12 *15*	1.20 *10*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1042.3 *3*	0.101 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1042.35 *23*	1.19 *11*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1042.39 *8*	0.29 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1042.4 *8*	0.015 *5*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1042.6 *5*	†3.6 *7*	^{101}Nb(7.1 s)	276.10(†100), 157.466(†32), 13.5(†32)
1042.6 *6*	0.25 *7*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1042.66 *9*	0.138 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1042.7 *4*	0.025 *15*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1042.7 *5*	0.072 *21*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
1042.7 *10*	0.21 *8*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1042.7 *2*	0.55 *9*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1042.7 *4*	1.01 *8*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
1042.7 *5*	0.08 *8*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1042.8 *3*	0.85 *14*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1042.8 *10*	0.23 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1042.9 *3*	0.91 *23*	^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
1043 *1*	†8	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1043.02 *4*	0.0082 *8*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1043.05 *10*	0.81 *8*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 1043.05 *4*	0.0774 *21*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
1043.1 *3*	0.127 *25*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1043.1 *3*	2.6×10^{-5}	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1043.1 *1*	0.038 *5*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
• 1043.17 *13*	0.288 *11*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
1043.2 *8*	1.6 *4*	^{69}Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
1043.2 *5*	1.8 *13*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
• 1043.20 *8*	0.152 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1043.2 *8*	1.09 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1043.2 *3*	0.082 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1043.29 *11*	0.059 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1043.3 *2*	†2.6 *2*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
1043.3 *6*	0.12 *4*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1043.3 *1*	0.241 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1043.3 *2*	0.140 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1043.4 *6*	0.076 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1043.45 *20*	0.109 *18*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1043.5 *2*	†0.46 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1043.59 *8*	1.27 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1043.6 *4*	0.30 *3*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1043.65 *7*	0.057 *3*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1043.7 *5*	2.70 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1043.7 *3*	0.35 *6*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1043.7 *4*	0.52 *7*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
• 1043.72 *3*	1.291 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1043.75 *12*	0.007	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
1043.8 *3*	†95 *71*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1043.95	0.24	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1043.96 *14*	0.076 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 1044.002 *5*	27.23 *25*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
1044.002 *5*	0.0008 *5*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1044.002 *5*	32.068 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
• 1044.03 *10*	0.348 *12*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1044.03 *9*	0.63 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1044.04 *6*	0.073 *11*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1044.2 *1*	4.7 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
• 1044.2 *5*	0.135 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1044.2 *4*	0.0085 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1044.3 *6*	0.06 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1044.3 *3*	0.10 *5*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1044.3	0.006 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1044.30 *22*	0.00055 *10*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1044.32 *4*	0.58 *8*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
1044.40 *10*	0.41 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1044.4 *15*	0.006 *3*	^{157}Dy(8.14 h)	326.16(92), 182.20(1.84), 83.01(0.62)
1044.4 *4*	6.4 *3*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
1044.4 *2*	0.031	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1044.4099 *6*	0.237 *4*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1044.4099 *6*	0.175 *22*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1044.4099 *6*	0.285 *10*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1044.42 *20*	0.44 *9*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1044.49	0.66 *20*	^{35}K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
1044.50 *15*	0.96 *10*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1044.5 *5*	0.19 *8*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1044.5 *10*	0.3 *2*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1044.53 *8*	†7.9 *6*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1044.7 *2*	†13.8 *9*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1044.7 *1*	0.064 *10*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1044.7 *3*	†59 *6*	^{193}Tl(21.6 m)	324.37(†100), 676.10(†48), 1579.3(†45)
1044.7 *4*	0.059 *18*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1044.72 *4*	3.5 *4*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
• 1044.845 *19*	0.0189 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1044.88 *12*	1.7 *3*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1044.9 *2*	0.51 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1044.9 *2*	0.36 *5*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1044.9 *5*	0.07 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1044.9 *6*	1.0 *3*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1044.9 *4*	0.27 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1045 *1*	>1.4	^{104}Sn(20.8 s)	132.7(56), 912.6(42), 401.2(16.2)
1045.0	0.009 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1045.0 *10*	0.21 *7*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
• 1045.05 *24*	0.025 *14*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
1045.08 *6*	0.018 *3*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1045.1 *3*	0.23 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1045.11 *20*	0.303 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
• 1045.131 *3*	1.84 *4*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1045.131 *3*	0.42 *3*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1045.2 *7*	0.10 *4*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1045.2 *3*	0.04 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1045.2 *2*	0.30 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1045.24 *9*	0.81 *4*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1045.3 *3*	0.049 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1045.40 *18*	0.25 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1045.4 *6*	0.028 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1045.5 *3*	0.071 *20*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
1045.5 *10*	0.46 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1045.58 *22*	0.011 *6*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1045.6 *10*	0.37 *19*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1045.60 *15*	0.00050 *8*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
1045.6 *10*	0.63 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1045.648 *20*	0.170 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1045.66 *6*	0.018 *3*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1045.7 *2*	0.51 *4*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1045.7 *5*	0.93 *12*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1045.7 *2*	2.6 *3*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
1045.7 *4*	0.11 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1045.72 *10*	1.26 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1045.73 *4*	<0.01	^{52}V(3.75 m)	1434.068(100), 1333.649(0.588), 1530.67(0.116)
• 1045.73 *4*	†<0.04	^{52}Mn(5.591 d)	1434.068(†100.0), 935.538(†94.9), 744.233(†90.6)
1045.83 *8*	0.0133 *16*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1045.83 *8*	30.4 *15*	^{106}Rh(131 m)	511.842(85), 717.24(28.9), 450.97(24.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1045.83 *8*	29.6 *10*	^{106}Ag(8.28 d)	511.842(88), 717.24(28.9), 450.97(28.2)
1045.873 *12*	0.35 *4*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1045.873 *12*	0.0083 *20*	^{150}Eu(12.8 h)	333.971(4.0), 406.52(2.81), 1165.739(0.257)
• 1045.873 *12*	1.00 *7*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1045.9	0.28	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
1045.9	0.035 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1045.9 *3*	0.42 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1045.92 *12*	1.04 *16*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1046		^{130}Pr(40.0 s)	951.9, 499.0, 1405
1046.0 *6*	0.19 *6*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1046 *1*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
• 1046.07 *7*	0.077 *4*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
1046.08 *6*	1.02 *9*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1046.1 *8*	0.038 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1046.16 *6*	0.0038 *8*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
1046.3	0.34 *4*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1046.3 *3*	0.16 *3*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1046.31 *1*	0.297 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1046.4 *5*	0.09 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1046.4 *2*	†1.8 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
• 1046.4 *3*	0.090 *7*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
1046.4 *4*	†0.8 *3*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1046.4 *2*	1.49 *13*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1046.40 *10*	0.043 *14*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
1046.45 *22*	0.31 *4*	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
1046.5 *3*	0.44 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1046.5 *2*	0.0118 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1046.5 *4*	2.8 *3*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1046.56 *3*	3.40 *21*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1046.56 *3*	5.8 *9*	^{132}La(24.3 m)	464.55(22), 663.07(11.6), 285.6(7)
1046.57 *14*	0.120 *12*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1046.58 *5*	†17 *1*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
• 1046.58 *5*	33.9 *20*	^{102}Rh(2.9 y)	475.070(95), 631.28(55.9), 697.49(43.9)
• 1046.58 *5*	†0.44 *3*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
1046.6 *3*	0.54 *6*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 1046.60 *25*	0.087 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1046.62 *10*	0.097 *18*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 1046.68 *3*	0.134 *3*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
1046.7	0.23	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
• 1046.78 *4*	0.0120 *9*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
1046.8 *10*	†3.6 *5*	^{93}Tc(43.5 m)	2644.55(†42.7), 943.33(†8.7), 3129.0(†6.4)
1046.8	0.20	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
• 1046.8 *5*	0.043 *10*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1046.9 *5*	0.18	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1046.9 *2*	0.128 *15*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1046.9 *3*	0.57 *4*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
1046.99 *11*	†1.93 *19*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1047.044 *20*	0.95 *19*	^{196}Ir(52 s)	355.684(19), 779.630(10.4), 446.613(4.5)
1047.07 *6*	0.094 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
1047.1 *5*	0.34	^{86}Se(15.3 s)	2441.1(43.0), 2660.0(21.6), 48.3(15.4)
1047.1 *3*	†10.0 *6*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
• 1047.177 *13*	0.0500 *25*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1047.177 *13*	0.137 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1047.177 *13*	0.92 *8*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1047.3 *1*	†1.57 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1047.3 *20*	7.2 *7*	^{212}Fr(20.0 m)	1273.8(46), 227.72(43), 1185.6(14.1)
1047.35 *8*	4.2 *3*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1047.4 *2*	0.90 *7*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1047.42 *18*	0.021 *3*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
1047.5 *10*	0.23 *8*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1047.5 *4*	3.5 *4*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1047.5 *3*	0.111 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1047.5 *5*	0.33 *4*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1047.5 *2*	†1.2 *2*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
1047.51 *5*	0.00225 *18*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1047.51 *5*	0.10	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
• 1047.55 *10*	0.056 *6*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
• 1047.570 *20*	0.188 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 1047.57 *2*	0.05 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 1047.60 *3*	1.324 *14*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
1047.6 *5*	0.70 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1047.6 *3*	0.083 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1047.62 *10*	0.0071 *7*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1047.7 *4*	1.0 *2*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1047.70 *4*	0.017 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1047.7 *3*	0.57 *4*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
1047.8 *1*	†2.6 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1047.8 *1*	1.21 *15*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
1047.9 *5*	0.6 *3*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
1047.94 *23*	0.046 *5*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1048 *1*	0.02 *1*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
1048.0 *5*	0.32 *4*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1048	†2.3	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1048 *1*	2.8	^{124}Ba(11.9 m)	169.3(20), 1216(12), 188.98(10)
• 1048.073 *20*	†80 *3*	^{136}Cs(13.16 d)	818.514(†100), 340.547(†42.3), 1235.362(†20.1)
1048.09 *9*	0.29 *5*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1048.1 *5*	†0.9 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1048.1 *5*	0.95 *10*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1048.11 *5*	0.68 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1048.14 *11*	2.25 *20*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1048.2 *3*	0.062 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1048.2 *4*	0.44 *22*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
1048.22 *29*	0.09 *4*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1048.30 *19*	6.2 *18*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
1048.31 *24*	0.92 *6*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1048.4 *5*	0.095 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
• 1048.44 *6*	3.19 *5*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1048.5 *5*	0.55 *5*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
1048.5 *3*	0.012 *6*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1048.5 *10*	0.30 *24*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1048.5 *4*	0.30 *8*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1048.6 *3*	0.044 *15*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1048.6 *3*	5.3 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
• 1048.6 *6*	0.069 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1048.6 *3*	0.27 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1048.61 *4*	0.0261 *12*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1048.61 *4*	0.85 *5*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1048.70 *10*	0.24 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1048.75 *25*	0.112 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1048.75 *12*	0.00188 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1048.8 *5*	0.0044 *11*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1048.8 *10*	0.29 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1048.89 *15*	†2.9 *6*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1048.9 *3*	0.137 *15*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
• 1049.043 *25*	5.38 *19*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1049.1 *7*	0.72 *14*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1049.1	†7	^{148}Cs(158 ms)	141.7(†100), 687.2(†23), 545.5(†20)
1049.2	0.076 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1049.2 *4*	0.09 *4*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1049.2 *1*	0.20 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1049.2 *5*	0.064 *7*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1049.2 *3*	1.10 *8*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1049.21 *9*	87 *3*	^{196}Bi(308 s)	689.00(35.5), 776.6(9.1), 1449.7(6.9)
1049.21 *9*	†21.1 *8*	^{196}Bi(240 s)	371.93(†20.8), 689.00(†19.2), 59.23(†14.4)
1049.27 *25*	0.020 *6*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
• 1049.4 *1*	0.0174 *7*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1049.48 *12*	0.142 *10*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1049.5 *2*	0.089 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1049.6 *10*	0.29	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
1049.6 *4*	1.17 *6*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1049.6 *4*	0.046 *12*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1049.6 *3*	†0.51 *21*	^{194}Bi(92 s)	965.4(†100.0), 575.1(†98.0), 280.1(†73.7)
1049.7 *1*	98	^{52}Sc(8.2 s)	1267.9(39), 1032.3(13.7), 1214.5(11.7)
1049.7 *6*	0.081 *13*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1049.7 *3*	0.050 *25*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1049.7 *4*	†8	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1049.7 *13*	0.097 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1049.8 *1*	†1.8 *3*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
1049.82 *8*	0.346 *19*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1049.83 *4*	0.113 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1049.87 *22*	1.53 *8*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
1049.9 *1*	0.045 *3*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
1049.93 *3*	1.13 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1050		^{55}V(6.54 s)	517.71(73), 880.70(18.1), 921.10(4.6)
1050.0 *2*	†1.8 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1050.0 *4*	0.00020 *3*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
1050 *1*		^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
1050.0	†3.1 *10*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1050	†0.08 *1*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1050.0 *3*	0.017 *7*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1050 *1*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1050.06 *14*	1.95 *6*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1050.1 *4*	6.9 *6*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1050.11 *9*	0.042 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1050.15 *4*	†1.15 *4*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1050.18 *28*	0.18 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1050.2 *2*	0.34 *7*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1050.2 *1*	6.6 *5*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1050.2 *2*	†100	^{151}Yb(1.6 s)	1245.6(†100), 624.8(†100), 1332.2(†100)
1050.2 *2*	†1.7 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
1050.2 *5*	†0.9 *4*	^{198}Tl(1.87 h)	636.4(†202), 411.8044(†202), 587.2(†185)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1050.21 *5*	0.00069 *8*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
• 1050.21 *5*	0.0178 *14*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
1050.3 *2*	0.048 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1050.3 *2*	0.039 *10*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1050.39 *5*	1.56 *3*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 616.174(0.75)
1050.39 *5*	0.167 *5*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
• 1050.39 *5*	0.26 *13*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
• 1050.40 *10*	0.99 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1050.43 *18*	0.59 *7*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1050.5 *8*	0.7 *3*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1050.55	0.56 *8*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1050.59 *17*	†4.7 *5*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
• 1050.6 *2*	0.0012 *5*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
• 1050.6 *3*	0.113 *5*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1050.6 *3*	0.034 *14*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1050.6	0.37	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1050.69 *3*	81.0 *25*	^{118}In(4.45 m)	1229.68(96), 683.08(54.3), 445.99(5.53)
1050.69 *3*	1.37 *14*	^{118}In(8.5 s)	1229.68(1.4), 253.68(1.30), 41.0(0.25)
1050.69 *3*	97 *6*	^{118}Sb(5.00 h)	1229.68(100), 253.68(99), 41.0(30.0)
1050.73 *4*	6.91 *11*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1050.73 *4*	0.984 *21*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1050.75 *5*	2.61 *11*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1050.8 *3*	1.5	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
1050.8 *3*	>1.5	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
1050.8 *4*	0.10 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1050.8 *3*	0.158 *23*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1050.9 *4*	0.33 *4*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1050.95 *29*	0.0053 *7*	^{91}Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
1051.0	0.47 *8*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
1051.0 *5*	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1051.0 *5*	0.0004 *2*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
1051.0 *8*	†8.5 *19*	^{195}Pb(15 m)	883.1(†100), 393.7(†42), 871.0(†36)
1051.0 *10*	0.095 *15*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
• 1051.0 *1*	0.0165 *19*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
1051.03 *11*	0.108 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1051.1 *3*	0.050 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1051.2 *3*	†0.40 *6*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1051.3	3.9	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
1051.3 *8*	0.0051 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1051.4 *5*	0.32 *10*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1051.4 *2*	0.062 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1051.41 *20*	0.49 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1051.412 *5*	0.175 *3*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
• 1051.43 *8*	0.051 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1051.5 *6*	0.15 *3*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)
1051.5 *5*	0.011 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1051.5 *2*	†13	^{256}Es(7.6 h)	861.8(†100), 231.1(†61), 172.6(†49)
1051.53 *4*	0.213 *8*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1051.57 *15*	0.025 *8*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
1051.6 *5*	†0.63 *21*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1051.6 *7*	0.55 *10*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1051.7 *2*	0.47 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1051.7 *3*	0.075 *12*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1051.7 *1*	3.79 *20*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1051.7 *1*		^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1051.7 *1*	0.239 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1051.7 *3*	2.8 *6*	^{159}Sm(11.37 s)	189.79(46), 861.97(18.2), 254.43(9.8)
• 1051.73 *10*	0.0033 *4*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
1051.8 *3*	0.100 *10*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1051.8 *3*	†0.48 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1051.90 *3*	0.067 *8*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1051.90 *11*	0.0044 *13*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1051.9 *7*	0.48 *24*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1051.96 *9*	1.10 *10*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1051.96 *3*	0.340 *14*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1052.0 *2*	1.22 *20*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
1052.0 *3*	0.20 *3*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1052.0 *5*	0.057 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1052.0	0.11	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1052.0 *2*	0.6 *1*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 1052.10 *4*	0.43 *3*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
• 1052.11 *20*	0.034 *10*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1052.2 *3*	0.067 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1052.2 *7*	0.050 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1052.28 *3*	24.8 *16*	^{123}Cd(2.10 s)	371.32(51), 1438.13(8.3), 1842.86(7.7)
1052.28 *3*	0.31 *3*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1052.296 *21*	0.556 *13*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
1052.3 *3*	†2.9 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1052.3 *3*	0.07 *4*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
1052.37 *13*	0.104 *15*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1052.4 *2*	0.0093 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1052.4 *2*	0.398 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1052.4 *4*	0.42 *11*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1052.4 *2*	0.12 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1052.4 *10*	0.20 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1052.45 *25*	0.09 *4*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1052.46 *7*	0.319 *19*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1052.48 *16*	0.116 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1052.5 *5*	0.18 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1052.51 *19*	1.15 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1052.54 *15*	0.0313 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1052.6 *7*	0.38 *15*	^{96}Sr(1.07 s)	122.297(76.50), 809.401(71.9), 931.7(11.8)
1052.6 *2*	0.46	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1052.66 *9*	0.28 *5*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1052.7 *1*	0.73 *17*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1052.7 *3*	2.02 *11*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1052.7 *2*	0.043 *7*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1052.79 *20*	†29	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1052.8 *9*	0.00031 *13*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1052.8 *5*	7.4 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1052.86 *13*	0.31 *5*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1052.96 *8*	0.112 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1052.96 *10*	0.21 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1052.99 *16*	†9.5 *14*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1053.0 *3*	0.60 *10*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1053.0 *10*	0.0042 *25*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1053.0 *5*	0.22	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1053.04 *7*	0.63 *4*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1053.06 *5*	0.50 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1053.09 *20*	0.014 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1053.09 *20*	0.020 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1053.1 *2*	0.15 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1053.15 *20*	10.2 *6*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1053.2	2.0 *14*	^{36}Si(0.45 s)	175.0(68), 249.9(68), 878.2(44)
1053.2	†11.8	^{158}Ho(21.3 m)	406.14(†100), 838.9(†84.3), 1484.1(†66.2)
• 1053.21	0.13	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1053.3	0.06 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1053.3	0.05 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1053.39 *20*	0.15 *4*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1053.4 *1*	0.93 *8*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1053.4 *4*	0.09 *5*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1053.4 *15*	0.16 *16*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1053.5 *3*	9.7 *10*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)
1053.5 *5*	0.09	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1053.53 *29*	†1.8	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
1053.6 *4*	3.5 *7*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1053.7 *5*	0.38	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1053.70 *10*	1.59 *7*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
1053.70 *6*	1.49 *3*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1053.70 *24*	1.47 *10*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1053.7 *3*	0.17 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1053.7 *3*	†176 *33*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1053.7 *5*	0.51 *19*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1053.7 *3*	0.00045 *10*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
• 1053.7	0.112 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1053.77 *21*	0.96 *14*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1053.8 *5*	3.7 *9*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 647.58(53)
1053.8 *1*	0.55 *8*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1053.9 *1*	13.7 *11*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
1053.9 *7*	0.22 *6*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1053.9 *7*	0.13 *6*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1054.0 *5*	0.17 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1054	10	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
• 1054.0 *2*	0.009 *4*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1054.0 *2*	0.121 *6*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1054.1 *3*	0.26 *13*	^{63}Ga(32.4 s)	637.04(11), 627.10(10.3), 192.94(5.7)
1054.11 *20*	0.019 *6*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1054.11 *20*	0.14 *4*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1054.2 *2*	1.01 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1054.2 *4*	0.63 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1054.22 *4*	1.07 *8*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 1054.28 *5*	0.134 *15*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1054.3 *3*	100 *6*	^{90}Tc(49.2 s)	948.1(100), 944.7(36.6), 809.8(34.3)
1054.3 *5*	0.032 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1054.3 *12*	0.29 *6*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
1054.32 *15*	0.159 *19*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
• 1054.35 *24*	0.0021 *13*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1054.4 *10*	4.4 *7*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
1054.4 *3*	†1.1 *2*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
1054.44	0.087 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 1054.45 *10*	0.204 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1054.53 *7*	1.63 *9*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1054.54 *20*	0.031 *10*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1054.55 *23*	0.106 *12*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1054.6 *1*	0.224 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1054.6 *3*	3.6 *4*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1054.7 *3*	3.7 *6*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1054.7 *3*	0.059 *12*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1054.7 *6*	0.9 *4*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
1054.7 *3*	0.36 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1054.7 *3*	†3.2 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1054.72 *10*	1.79 *16*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
1054.8 *4*	†14 *3*	^{111}Ru(2.12 s)	303.8(†100), 211.7(†77.7), 382.0(†41.3)
• 1054.94 *13*	0.038 *7*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1055 *1*		^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1055	0.0009	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
1055.0 *3*	0.058 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1055 *2*	0.0006 *3*	^{219}Rn(3.96 s)	271.23(10.8), 401.81(6.37), 130.59(0.119)
• 1055.0 *10*		^{233}U(1.592×10^5 y)	42.44(0.0862), 97.134(0.020), 54.699(0.0182)
• 1055.0 *4*	0.068 *4*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
1055.1	†4.1	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1055.1	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1055.13 *11*	0.34 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1055.2	0.092 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
• 1055.23	<0.0	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1055.3 *2*	0.7	^{116}Te(2.49 h)	93.70(31.4), 628.63(3.22), 102.97(1.95)
1055.4 *4*	5.7 *4*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1055.4 *4*	0.110 *10*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
• 1055.4 *4*	0.014 *6*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1055.5 *4*	0.8 *6*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
1055.5 *4*	0.23 *8*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1055.6 *6*	0.030 *8*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1055.6 *2*	†2.55 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
1055.6 *4*	†4.2 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1055.761 *30*	0.0312 *16*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
1055.8 *3*	0.85 *10*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
1055.8 *3*	0.38 *4*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1055.8	1.1	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1055.8	0.12 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1055.8 *3*	0.96 *12*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
• 1055.8 *4*	0.08 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1055.8 *3*	0.65 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
• 1055.9 *2*	0.0007 *4*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
• 1056.197 *49*	0.00101 *10*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)
1056.2 *4*	0.105 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1056.2 *2*	†0.5 *1*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
1056.2 *2*	1.07 *15*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
1056.2 *4*	0.0059 *10*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1056.23 *5*	0.00022 *6*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
1056.24 *11*	0.466 *24*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1056.26 *10*	0.172 *22*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1056.4 *5*	0.37 *9*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1056.4 *6*	2.1 *5*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1056.5 *2*	3.0 *3*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1056.5 *2*	3.1 *3*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1056.55 *25*	0.17 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1056.58 *7*	4	^{143}Sm(8.83 m)	1514.98(1.39), 1173.18(0.88), 1403.06(0.74)
1056.59 *12*	0.74 *4*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1056.6 *6*	0.184 *20*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1056.7 *1*	29 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1056.7 *3*	0.029 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1056.76 *72*	0.07 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1056.79 *2*	0.0015 *8*	^{95}Tc(20.0 h)	765.794(93.82), 1073.71(3.74), 947.67(1.951)
• 1056.79 *2*	0.0089 *3*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
1056.8 *3*	16.5 *18*	^{183}Lu(58 s)	1125.3(25.0), 168.1(7.5), 248.4(5.0)
1056.818 *4*	99.979 *2*	^{20}O(13.51 s)	3488.16(0.017), 2431.48(0.0059), 2179.02(0.0022)
1056.9 *3*	0.039 *15*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1057.0 *5*	0.08	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1057.0 *10*	0.80 *23*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1057.0 *5*	0.112 *15*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1057.01 *4*	100	^{88}Nb(14.5 m)	1082.53(103), 671.20(64), 502.91(60)
1057.01 *4*	89.3 *36*	^{88}Nb(7.8 m)	1082.53(53.9), 399.41(45.7), 450.52(26.6)
1057.06 *10*	0.00357 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1057.07 *14*	0.49 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1057.08 *26*	†0.36 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1057.1 *2*	3.27 *21*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1057.188 *16*	3.08 *13*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1057.2 *4*	0.023 *12*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1057.2 *4*	1.9 *6*	^{122}In(10.8 s)	1140.55(100), 1001.58(98.4), 103.74(81)
1057.2 *5*	0.09 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1057.2 *2*	0.162 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1057.2	†13 *3*	^{155}Tm(21.6 s)	226.8(†100), 531.7(†20), 88.1(†17)
1057.20 *25*	0.30 *10*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1057.25 *12*	0.57 *13*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1057.29 *15*	†1.5 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1057.3 *5*	0.025 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1057.3 *3*	0.57 *14*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1057.3 *2*	0.053 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1057.4 *4*	0.29 *5*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1057.4 *1*	3.5 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
• 1057.4 *2*	4.5×10^{-8} *7*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
1057.5 *3*	0.99 *13*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
1057.5 *2*	0.89 *10*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1057.6 *2*	2.0 *4*	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
1057.6 *5*	0.20 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1057.62 *10*	0.243 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 1057.62 *10*	2.3 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1057.67 *4*	0.692 *23*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1057.7 *3*	0.161 *25*	^{140}Pm(9.2 s)	773.74(5.0), 477.1(2.6), 1204.8(1.9)
• 1057.70 *15*	0.213 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1057.73 *7*	†104 *9*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1057.75 *20*	0.19 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1057.8 *1*	0.017 *5*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1057.8 *4*	0.018 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
1057.8 *5*	0.012 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1057.8 *7*	3.4 *9*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
• 1057.8 *1*	0.29 *3*	^{177}Ta(56.56 h)	112.9498(7.2), 208.3664(0.94), 745.9(0.207)
1057.8 *3*	0.125 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1057.8 *1*	0.97 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1057.8 *3*	0.018	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1057.823 *16*	0.524 *13*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1057.9 *2*	1.73 *8*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1058.0 *3*	0.055 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1058.1	>0.010	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1058.2 *4*	†3.3 *12*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1058.3 *2*	0.054 *5*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1058.34 *18*	0.27 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1058.34 *18*	0.83 *9*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1058.39 *10*	2.3 *3*	^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
1058.39 *10*	14.8 *16*	^{118}Ag(2.0 s)	487.77(57), 677.13(53), 770.90(11.8)
1058.4 *4*	0.09	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1058.4 *1*	†0.086 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1058.5	5.3 *3*	^{36}P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
1058.5 *4*	2.69 *22*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1058.5 *5*	0.9 *3*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
1058.50 *20*	0.80 *7*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1058.5 *2*	0.09	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1058.6 *2*	3.62 *21*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1058.6 *8*	0.030 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1058.64 *10*	†0.10 *5*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
• 1058.7 *5*	0.010 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1058.71 *17*	0.31 *4*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
• 1058.71 *10*	3.9 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1058.75 *12*	0.0118 *13*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1058.77	0.10	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1058.78 *16*	†3.2 *7*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1058.8 *4*	0.9 *3*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1058.8 *3*	0.10 *3*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
• 1058.817 *16*	0.0246 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1058.90 *15*	0.27 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1058.9 *3*	0.192 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1058.9 *2*	0.108 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1059 *1*	0.019 *19*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1059 *3*	0.23 *8*	^{185}Ta(49.4 m)	177.59(25.7), 173.68(22.6), 65.86(3.9)
• 1059.041 *12*	0.0729 *24*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1059.1	0.42	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1059.1 *3*	0.191 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1059.2 *5*	5.1 *5*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1059.2 *15*	0.32 *10*	^{222}Fr(14.2 m)	206.15(51), 111.12(12.5), 242.12(1.89)
1059.21 *18*	†10 *4*	^{102}Y(0.36 s)	151.73(†100), 326.64(†53), 1091.3(†42)
1059.21 *18*	†29 *3*	^{102}Y(0.30 s)	151.73(†100), 1211.08(†40), 743.01(†17)
1059.3 *1*	0.84 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1059.3 *2*		^{146}Tb(8 s)	1972.0(12)
1059.38 *10*	3.86 *7*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1059.38 *5*	3.4 *4*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1059.4 *3*	0.064 *12*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1059.4 *4*	0.019 *8*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1059.4 *5*	0.41 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
1059.4 *2*	†6.0 *5*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1059.4 *2*	13.7 *8*	^{136}Pm(107 s)	373.8(15.0), 602.7(12.3), 857.2(12.72)
1059.4 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1059.4 *8*	†1.09×10^3 *22*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1059.435 *24*	0.118 *6*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1059.45 *15*	0.56 *4*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1059.51 *7*	6.4 *4*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1059.55 *18*	†5.3 *8*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1059.55 *21*	0.28 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1059.6 *4*	0.014 *8*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1059.60 *20*	0.027 *7*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
• 1059.64 *16*		^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
• 1059.69 *4*	2.02 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1059.7 *7*	0.50 *10*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1059.75	0.285 *17*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
1059.8 *10*	0.013 *4*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1059.8 *5*	0.06 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1059.80 *20*	0.14 *5*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
1059.9 *3*	0.017 *6*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1059.92 *4*	2.72 *14*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1060 *2*	0.044 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1060.0 *10*	0.28 *11*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1060	0.18	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1060.06 *10*	0.028 *9*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
1060.07 *17*	0.017 *5*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1060.07 *6*	0.138 *6*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
1060.11 *18*	0.40 *12*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 1060.13 *6*	0.136 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 1060.22 *2*	0.0364 *13*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
1060.28 *11*	1.31 *8*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1060.28 *11*	0.55 *22*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
• 1060.28 *4*	1.91 *6*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1060.3 *4*	0.27 *10*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
1060.3 *4*	0.21 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1060.3 *4*	0.20 *11*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1060.3 *2*	†<45	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1060.38 *15*	0.80 *7*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1060.38 *22*	5.7 *8*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1060.4 *5*	0.46 *14*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1060.4 *4*	0.29 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1060.5 *4*	0.012 *4*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1060.5 *8*	0.25 *3*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1060.5 *4*	0.11 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1060.53 *13*	0.38 *4*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
• 1060.58 *20*	0.246 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1060.6 *3*	0.0018 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1060.6 *2*	†6.3 *12*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1060.6 *3*	†7	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1060.69 *15*	0.089 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1060.70 *4*	7.7 *3*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1060.70 *4*	6.69 *22*	^{90}Rb(158 s)	831.69(28), 4365.90(5.6), 4135.51(4.70)
1060.7 *4*	0.78 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
• 1060.75 *15*	0.20 *3*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
1060.8 *10*	†9	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
1060.9 *15*	0.22 *6*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
1060.9 *10*	0.28 *11*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1060.9 *3*	0.42 *12*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
• 1060.92 *4*	0.044 *5*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1060.927 *15*	0.072 *22*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1060.927 *15*	0.0026 *5*	^{184}Re(38.0 d)	903.279(37.9), 792.071(37.5), 111.208(17.1)
1060.98 *3*	†<45	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1061.1 *2*	0.06 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1061.11 *4*	0.0235 *7*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
• 1061.2 *4*	0.16 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1061.25 *13*	0.103 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1061.3 *3*	0.090 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
1061.3 *4*	0.9 *3*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
• 1061.35	0.22 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1061.36 *8*	0.118 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1061.39 *9*	0.137 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1061.39 *9*	4.1 *7*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
• 1061.39 *10*	0.314 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1061.40 *30*	0.019 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1061.4 *3*	0.156 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
• 1061.48 *4*	0.0528 *8*	^{192}Ir(73.831 d)	316.50791(82.81), 468.07152(47.83), 308.45692(30.00)
1061.48 *4*	0.928 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1061.5 *7*	0.070 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1061.5 *4*	7.1 *7*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1061.5 *2*	0.099 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1061.5 *4*		^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1061.59 *5*	0.243 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1061.6 *4*	0.61 *10*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1061.6 *2*	0.085 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1061.6 *1*	0.062 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1061.6 *4*	2.69 *10*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1061.6	†1.5	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1061.6 *4*	0.051 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1061.6 *2*	0.029 *7*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1061.61 *1*	1.19 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1061.61 *9*	0.000762 *25*	^{176}Lu(3.635 h)	88.34(0.55640), 1159.28(0.00139), 201.83(>0.0007)
1061.61 *9*	0.5	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1061.68 *16*	0.270 *23*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1061.69 *10*	5.5 *5*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1061.70 *5*	0.150 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1061.7 *5*	0.20 *6*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 1061.8 *3*	0.039 *8*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1061.83 *7*	0.96 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1061.86 *10*	†2.29×10^{3}	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1061.89 *6*	1.66 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1061.9 *4*	0.68 *20*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1061.9 *5*	0.11 *5*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1061.9 *11*	>0.12	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1061.95 *7*	†3.6 *4*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1062.0 *10*	0.050 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1062.04 *4*	17.1 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1036.00(12.6)
• 1062.04 *4*	2.9 *2*	^{246}Bk(1.80 d)	798.80(61), 1081.40(5.8), 833.60(5.0)
1062.09 *3*	0.386 *12*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1062.1 *5*	†2 *1*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
1062.1 *5*	†2 *1*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
1062.14 *5*	0.0320 *4*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1062.14 *11*	†0.64 *13*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1062.17 *26*	†1.9	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
1062.2 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1062.4	>0.010	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1062.41 *2*	0.0041 *8*	^{135}Xe(9.14 h)	249.770(90), 608.151(2.90), 408.009(0.359)
1062.5 *6*	0.20 *5*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
1062.5 *3*	1.01 *10*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1062.5 *3*	†0.23 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1062.55 *15*	0.011 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1062.60 *10*	0.047 *16*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1062.79 *15*	0.070 *9*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1062.8 *2*	0.74 *15*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1062.8 *2*	†1.4	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
1062.8	0.43	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1062.8 *3*	23.9 *16*	^{109}Sb(17.0 s)	925.4(32), 664.5(20.1), 1495.8(9.6)
1062.8 *3*	†3.6 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1062.8 *1*	0.248 *25*	^{199}Tl(7.42 h)	455.46(12.4), 208.20597(12.3), 247.26(9.3)
1062.84 *18*	0.139 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1062.9 *3*	0.50 *14*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1062.9 *1*	0.19 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1062.9 *6*	0.36 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1062.953 *18*	0.28 *9*	^{244}Am(26 m)	1084.181(0.37), 941.95(0.36), 1041.278(0.19)
1063.0 *2*	0.308 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1063.0 *2*	0.210 *21*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
• 1063.0 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1063.0 *3*	†2.5 *5*	^{152}Tm(8.0 s)	807.9(†100), 715.9(†13), 672.5(†9.5)
1063.0 *12*	2.0 *11*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
1063.0 *8*	0.017 *6*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
1063.0 *8*	†2.9 *9*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1063.07 *7*	†2.50 *17*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1063.1 *1*	0.027 *6*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
1063.1 *4*	0.070 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1063.1 *3*	0.058 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1063.14 *30*	0.13 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 1063.19 *5*	0.0050 *10*	^{48}V(15.9735 d)	983.517(99.98), 1312.096(97.5), 944.104(7.76)
1063.2	2.36 *16*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
1063.2 *2*	2.2 *5*	^{63}Ga(32.4 s)	637.04(11), 627.10(10.3), 192.94(5.7)
1063.2 *4*	†2 *1*	^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
1063.27 *18*	†5.0 *4*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1063.27 *15*	0.99 *15*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1063.3 *3*	†267 *48*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1063.3		^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1063.37 *15*	1.24 *9*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
• 1063.380 *9*	0.156 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1063.4 *7*	0.14 *8*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1063.4 *2*	0.00072 *12*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1063.5 *2*	0.60 *11*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1063.50 *15*	1.09 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1063.5 *3*	0.13 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1063.5 *2*	†100	^{198}Bi(693 s)	197.6(†80), 562.4(†79), 317.9(†37.5)
1063.64 *12*	3.57 *11*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
• 1063.662 *4*	74.5 *2*	^{207}Bi(31.55 y)	569.702(97.74), 1770.237(6.87), 1442.20(0.130)
1063.662 *4*		^{211}Po(25.2 s)	897.80(1.65), 569.702
1063.70 *20*	0.145 *23*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
1063.7 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1063.7 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1063.7 *3*	0.08 *8*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1063.7 *4*	0.012 *6*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1063.76 *3*	3.3 *2*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1063.76 *3*	5.0 *10*	^{100}Nb(2.99 s)	535.60(97.0), 600.5(65.0), 1280.6(23.8)
1063.77 *11*	0.6 *4*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1063.77 *11*	0.7 *4*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1063.8 *10*	0.07 *3*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1063.9 *3*	†1.4 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
• 1063.9 *2*	0.9 *6*	^{126}Sb(12.46 d)	695.03(100), 666.331(100), 414.81(83.3)
1063.9 *2*	0.51 *9*	^{126}Sb(19.15 m)	414.81(86), 666.331(86), 695.03(82)
• 1063.90 *15*	0.025 *5*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1064.0 *10*	0.12 *6*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1064.0 *7*	0.171 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1064.0 *2*	0.062 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1064.0 *10*	0.144 *15*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1064.03 *12*	0.086 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1064.08 *10*	0.714 *25*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1064.1 *3*	0.40 *5*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1064.1 *6*	0.092 *14*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1064.1 *3*	0.07 *1*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1064.11 *10*	5.5 *5*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1064.2 *3*	0.21 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
• 1064.2 *4*	0.0013 *3*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
1064.2	0.20	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1064.26 *8*	1.99 *22*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1064.3 *4*	0.66 *7*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1064.3 *3*	0.30 *24*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1064.3 *4*	†7.1 *5*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1064.32 *6*	0.0051 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1064.32 *4*	0.95 *12*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1064.37 *9*	0.37 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1064.4 *21*	0.04 *4*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1064.42 *6*	0.74 *6*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1064.47 *3*	0.153 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1064.5 *5*	0.15 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1064.54 *7*	0.898 *19*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1064.6 *2*	0.38 *8*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1064.6 *2*	0.24	^{116}Te(2.49 h)	93.70(31.4), 628.63(3.22), 102.97(1.95)
1064.6 *7*	0.39 *8*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1064.6 *2*	>0.06	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1064.6 *2*	†5.38 *20*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1064.62 *7*	0.79 *7*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1064.7 *5*	0.98 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1064.7 *1*	0.81 *17*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1064.7 *3*	9.5 *11*	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 699.0(13.4)
1064.75 *15*	0.075 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1064.80 *6*	0.69 *4*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1064.8 *3*	0.50 *12*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1064.8 *5*	0.51 *23*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1064.8 *3*	†1.19 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1064.85 *5*	4.7 *3*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1064.896 *20*	0.048 *4*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
1064.9 *5*	0.13 *4*	^{80}As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
1064.9 *20*	0.31 *5*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1065 *1*	0.037 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1065.0 *4*	0.037	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1065.0 *2*	0.32 *4*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1065.04 *8*	0.09	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
• 1065.04 *8*	0.0164 *21*	^{174}Lu(3.31 y)	76.471(5.9), 1241.847(5.14), 1318.296(0.035)
1065.07 *8*	1.55 *12*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 1065.09 *5*	0.47 *4*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1065.1 *1*	1.28 *8*	^{73}Ga(4.86 h)	297.32(79.8), 325.70(11.17), 739.42(4.23)
1065.1 *1*	0.027 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1065.15 *5*	4.922 *19*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 1065.15 *5*	10.77 *5*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1065.17 *5*	0.136 *11*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1065.17 *5*	0.081 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1065.2	0.43	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1065.3 *4*	0.131 *17*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1065.32 *20*	0.0025 *12*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1065.43 *6*	0.0159 *11*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1065.49 *3*	2.75 *22*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1065.5 *3*	0.57 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1065.5 *5*	0.030	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1065.5 *3*	0.041 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1065.55 *6*	80000	^{119}In(18.0 m)	1249.71(†44000), 1163.85(†32000), 1089.9(†15000)
1065.55 *7*	1.70 *9*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1065.60 *20*	0.131 *19*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
1065.6 *5*	0.112 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1065.72 *16*	0.41 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1065.77 *5*	1.8 *3*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
1065.8 *1*	†0.64 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1065.85 *15*	0.0007	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
1065.9 *4*	0.16 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1065.98 *3*	23.1 *5*	^{117}Cd(3.36 h)	1997.33(26), 564.397(14.7), 1432.91(13.4)
• 1065.98 *4*	0.109 *5*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1066.0 *3*	0.27 *8*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1066.00 *16*	0.45 *5*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1066.0 *3*	8.1 *5*	^{171}Re(15.2 s)	568.4(16.1), 102.0(9.7), 434.9(7.6)
1066.0 *3*	0.046 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1066.1 *5*	0.174 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1066.20 *9*	0.6	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1066.22 *12*	0.00144 *15*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1066.23 *9*	†2.25 *16*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1066.3 *4*	0.062 *17*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
• 1066.3 *3*	0.10 *3*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1066.3 *3*	0.09 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1066.3	0.6	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
1066.3 *2*	0.039	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1066.3 *4*	0.22 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1066.37 *9*	0.26 *5*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1066.38 *2*	0.63 *4*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
1066.48 *20*	1.35 *13*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1066.49 *8*	0.197 *17*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1066.55 *27*	1.4 *3*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
1066.57 *6*	0.18 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1066.57 *6*	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1066.6 *2*	0.054 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1066.6	0.101 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1066.60 *20*	0.048 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 1066.75 *3*	0.390 *9*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1066.8 *3*	†37 *4*	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1884.5(†35)
1066.8 *10*	0.05 *3*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1066.8 *3*	0.006 *3*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1066.8 *3*	0.013 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1066.8 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1066.88 *24*	0.070 *13*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1066.9 *3*	0.0067 *17*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1066.9 *3*	3.12 *8*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1066.9 *8*	0.028 *11*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1066.93 *30*	0.30	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1066.96 *8*	0.383 *21*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1067.0 *2*	0.042 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1067.0 *3*	5.1 *7*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1067.0 *8*	†10.4 *19*	^{195}Pb(15 m)	883.1(†100), 393.7(†42), 871.0(†36)
1067.06 *19*	0.027 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1067.1 *6*	0.039 *10*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1067.1 *5*	0.013 *4*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1067.1 *3*		^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
• 1067.10 *5*	10	^{125}Sn(9.64 d)	1089.15(4.59), 822.48(4.28), 915.55(4.13)
1067.1 *3*	0.058 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1067.16 *10*	0.40 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 1067.19 *6*	2.812 *25*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1067.3 *4*	1.0 *6*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
1067.32 *20*	5.6 *9*	^{166}Lu(2.12 m)	1427.18(23.0), 2098.6(16.1), 1256.64(15.2)
1067.34 *20*	2.5 *3*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1067.36 *5*	0.705 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1067.4 *2*	0.049 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1067.5 *10*	<0.00003	^{16}N(7.13 s)	6128.63(67.0), 7115.15(4.9), 2741.5(0.82)
1067.5 *6*	0.47 *9*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1067.5 *4*		^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1067.5 *2*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1067.5 *3*	0.034	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 699.0(13.4)
1067.55 *10*	0.556 *17*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1067.56 *24*	0.017 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1067.6	0.14	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
1067.7 *4*	0.068 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1067.7 *16*	0.52 *24*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1067.79 *10*	0.66 *3*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1067.79 *19*	0.112 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1067.8 *7*	0.0006 *3*	^{62}Cu(9.74 m)	1172.9(0.34), 875.68(0.150), 2301.8(0.0414)
1067.87 *1*	0.04 *4*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1067.88 *17*	6.3 *4*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
1068.0 *5*	0.09 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1068.0 *1*	0.247 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1068.0 *10*	0.10 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1068.0 *1*	3.2 *3*	^{140}Eu(1.51 s)	530.7(29), 459.9(3.19), 2064.9(0.93)
1068.0 *1*	0.80 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1068 *2*	†0.077 *19*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
1068.1 *3*	4.7 *3*	^{94}Rh(70.6 s)	1430.50(100), 756.23(51), 1072.50(30.7)
1068.10 *10*	0.44 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1068.1 *12*	0.162 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1068.1 *6*	0.6	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1068.1 *3*	0.066 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1068.12 *15*	0.00142 *8*	^{123}I(13.27 h)	158.97(83), 528.96(1.39), 440.02(0.428)
1068.18 *3*	0.575 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1068.19 *12*	0.42 *3*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1068.20 *30*	0.43 *8*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1068.2 *4*	0.007 *3*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1068.2 *5*	0.00059 *9*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1068.2 *5*	>0.10	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
• 1068.25 *10*	0.093 *8*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1068.3 *3*	†2.7 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1068.3 *5*	0.16 *5*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1068.3 *5*	†0.20 *3*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
• 1068.32 *7*	0.0337 *17*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1068.4 *11*	0.21 *11*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1068.4 *6*	0.048 *14*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1068.47 *10*	0.40 *4*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1068.51 *11*	0.61 *5*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 1068.54 *8*	0.318 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1068.7 *9*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
• 1068.7 *3*	0.037 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1068.73 *22*	†0.71 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1068.8 *3*	0.52 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1068.8 *2*	†4.0 *15*	^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
1068.8 *5*		^{130}Pr(40.0 s)	951.9, 499.0, 1405
1068.8 *3*	†3.2 *7*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
• 1068.8 *4*	0.0054 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1068.9	0.17 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1068.9	0.08	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
1069.0 *3*	0.087 *22*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1069.00 *20*	0.18 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1069.01 *5*	1.10 *6*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 1069.09 *5*	0.1008 *12*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1069.09 *5*	†8.6 *7*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1069.09 *5*	4.0 *3*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
1069.1 *4*	1.08 *13*	^{63}Co(27.4 s)	87.13(48.7), 981.7(2.11), 155.6(1.60)
1069.1 *6*	0.11 *3*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)
1069.1 *2*	†2.4 *3*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1069.1 *2*	2.6 *4*	^{136}Pm(107 s)	373.8(15.0), 602.7(12.3), 857.2(12.72)
1069.1 *7*	0.42 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1069.24 *7*	0.216 *12*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1069.24 *6*	0.65 *5*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
1069.25 *6*	0.031 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1069.30	2.3 *4*	^{25}Ne(602 ms)	89.53(95.5), 979.77(18.1), 2202(1.1)
1069.3 *3*	34 *5*	^{176}Tm(1.9 m)	189.57(44.5), 381.8(21.8), 82.13(11.6)
• 1069.35 *10*	7.2 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1069.4 *5*	0.09 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1069.42 *10*	0.0603 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1069.49 *10*	1.99 *10*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1069.5 *3*	0.41 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1069.6	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1069.7 *5*	0.65 *26*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1069.8 *3*	2.9 *7*	^{176}Re(5.3 m)	240.17(48), 109.08(25.0), 848.7(4.0)
1069.8 *6*	0.7	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 1069.82 *4*	0.219 *7*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1069.9 *3*	0.43 *6*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1069.9 *6*	0.047 *11*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1069.95 *8*	1.14 *11*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1069.96 *8*	0.28 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1070.0 *1*	0.0019 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1070	0.64 *6*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1070 *10*	12 *5*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1316(21)
1070.03 *13*	0.071 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1070.1 *5*	1.1 *5*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1070.1 *3*	0.158 *23*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1070.1	0.070 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1070.2 *3*	0.92 *10*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1070.2 *5*	0.99 *10*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1070.2 *7*	0.194 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1070.2 *5*	0.119 *25*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1070.3 *5*	0.3 *1*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
1070.3 *6*	†1.2 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1070.3 *6*	0.0035 *21*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1070.3 *2*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1070.36 *8*	1.83 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1070.4 *2*	4.5 *3*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
• 1070.40 *3*	0.027 *6*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1070.4 *4*	0.13 *7*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1070.47 *9*	0.037 *19*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 1070.5 *4*	0.025 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1070.57 *5*	0.037 *19*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1070.6 *3*	1.23 *11*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1070.7 *3*	0.69 *10*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1070.737 *13*	0.079 *3*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1070.8 *1*	1.21 *6*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
• 1070.80 *12*	0.0117 *18*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
• 1070.81 *7*	0.400 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1070.85 *10*	0.0178 *11*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1070.9 *1*		^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1070.9 *4*	†3	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
• 1070.90 *30*	0.0524 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1070.9	†1.7 *3*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
• 1070.97 *15*	0.061 *10*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
1071 *2*	†3.2	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1071		^{132}Pr(1.6 m)	325.5(†100), 496.9(†25), 822.4(†17.3)
1071		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 1071.002 *25*	0.144 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1071.1 *7*	0.17 *8*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1071.18 *12*	0.20 *6*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1071.2 *2*	>0.07	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1071.2 *3*	0.00063 *11*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
1071.4	0.13	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
1071.4 *3*	0.27 *8*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1071.4 *4*	0.26 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
1071.47 *14*	0.89 *8*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1071.5 *4*	0.00035 *6*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1071.6 *10*	†26	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 981.4(†21)
1071.65 *5*	1.280 *19*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1071.7 *3*	0.89 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1071.7 *4*	1.5 *4*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1071.70 *21*	12.9 *9*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1504.10(10.2)
1071.70 *21*	0.24	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1071.7 *4*	2.2 *2*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1071.73 *21*	>3.7	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1071.76 *18*	0.515 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1071.77 *3*	0.49 *8*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1071.77 *3*	5.7 *13*	^{100}Nb(2.99 s)	535.60(97.0), 600.5(65.0), 1280.6(23.8)
1071.8 *1*	†46 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1071.8 *3*	0.159 *15*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1071.8 *5*	0.29 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1071.85 *15*	2.3 *3*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
• 1071.88 *16*		^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
• 1071.9 *10*	0.0012 *5*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)
1071.94 *13*	0.293 *18*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1072.0 *8*	0.28	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1072 *1*	0.05 *3*	^{109}Rh(80 s)	326.868(54), 426.135(7.7), 178.034(7.6)
1072.0 *1*	0.025 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1072.2		^{70}Cu(4.5 s)	884.9(54), 1876(2.2), 1654.1
1072.2		^{70}Cu(47 s)	884.9(100), 901.7(87), 1251.7(57)
1072.20 *16*	0.030 *3*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
1072.2 *5*	†294 *88*	^{105}Ag(7.23 m)	319.14(†63000), 306.25(†12800), 442.37(†5900)
1072.2 *8*	0.09 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 1072.2	0.0035 *14*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1072.2 *3*	0.28 *9*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)
1072.2 *3*	1.00 *13*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1072.2 *1*	0.017 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1072.3 *3*	0.030 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
• 1072.3 *2*	0.030 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1072.3 *1*	2.8 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1072.30 *6*	0.062 *14*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
• 1072.35 *4*	0.302 *6*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1072.36 *4*	0.020 *15*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
1072.36 *4*	28 *2*	^{116}Sb(60.3 m)	1293.54(100), 972.550(72), 542.872(52)
1072.37 *13*	0.35 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1072.4 *5*	0.3 *1*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1072.4 *2*	4.3 *6*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
1072.41 *15*	†27 *5*	^{189}Au(28.7 m)	713.17(†100), 812.68(†63), 447.65(†55)
1072.50 *20*	30.7 *10*	^{94}Rh(70.6 s)	1430.50(100), 756.23(51), 311.70(12)
1072.5 *10*	0.55 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1072.547 *30*	15.0 *8*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 595.362(11.2)
1072.6	†100	^{130}Ce(25 m)	997.7(†100), 920.5(†100), 851.5(†80)
1072.6 *2*	1.8 *9*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
1072.6 *2*	1.0 *5*	^{141}Gd(14 s)	215.8(54), 525.9(17), 336.2(17.1)
1072.6 *4*	†124 *52*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1072.6 *3*	†0.30 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1072.63 *8*	0.83 *13*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1072.641 *8*	0.022 *3*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
1072.67 *25*	0.017 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1072.7 *3*	0.204 *17*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1072.7 *5*	0.24 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1072.7 *6*	1.7 *4*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1072.7 *3*	†0.75 *10*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1072.8 *2*	†2.2 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1072.85 *7*	47 *4*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 102.91(45)
1072.9 *2*	0.029 *8*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
• 1072.96 *5*	0.079 *13*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
1072.96 *5*	0.00205 *10*	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
1072.96 *5*	0.73 *5*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1073.0 *1*	0.016 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1073.0 *2*	3.6	^{151}Er(23.5 s)	638.3(36), 667.2(17), 256.4(15.9)
1073.1 *1*	0.120 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1073.11 *4*	0.328 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1073.2 *1*	0.84 *6*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1073.2 *1*	6.37	^{149}Ho(21.1 s)	1090.7(74.8), 1583.6(4.48), 1736.8(3.80)
1073.20 *17*	†7.7 *8*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1073.24 *10*	2.17 *14*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1073.3 *12*	0.29 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1073.3 *5*	†4.4 *17*	^{194}Tl(33.0 m)	428.0(†100), 636.5(†23), 645.20(†13)
1073.31 *8*	0.45 *3*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
1073.36 *12*	†8.6 *14*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
• 1073.4 *2*	0.0019 *4*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1073.4 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1073.465 *25*	0.033 *3*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
1073.48 *16*	0.13 *1*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1073.5	>0.00027	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
1073.54 *10*	0.31	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1073.56 *5*	3.5 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1073.56 *13*	0.6	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1073.6 *9*	0.028 *8*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1073.6 *2*	0.0160 *19*	^{212}Bi(60.55 m)	727.330(6.58), 1620.50(1.49), 785.37(1.102)
1073.6 *2*	0.103 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1073.70 *21*	0.0009 *5*	^{110}Ag(24.6 s)	657.7622(4.5), 815.35(0.0382), 1125.700(0.0153)
1073.70 *21*	0.098 *9*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1073.71 *2*	3.74 *4*	^{95}Tc(20.0 h)	765.794(93.82), 947.67(1.951), 869.60(0.317)
1073.74 *6*	0.951 *25*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
• 1073.79 *3*	1.12 *7*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1073.87 *4*	0.106 *18*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
1073.9 *10*	0.26 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1074.0	0.09 *5*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1074.0 *5*	0.044 *22*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1074.0 *3*	0.037 *9*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1074.0 *3*	0.60 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1074.0 *10*	0.044 *16*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1074		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1074.03 *3*	0.170 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1074.10 *10*	1.77 *27*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
1074.2 *5*	0.09 *3*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
1074.2 *4*	2.5 *3*	^{139}Nd(29.7 m)	405.12(7), 669.0(1.52), 916.9(1.52)
1074.2	2.30 *13*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1074.25 *21*	0.53 *8*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1074.31 *11*	0.75 *8*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1074.4 *2*	0.014 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1074.41 *15*	0.010 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1074.5 *3*	2.36 *22*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1074.5 *2*	0.69 *5*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
1074.6 *2*	†2.0 *10*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
1074.6 *1*	0.200 *18*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1074.68 *10*	0.75 *6*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
1074.7 *3*	0.84 *13*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
1074.7 *5*	†1.7 *3*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1074.7 *3*	1.9 *4*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)
1074.9 *6*	0.29	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1074.93 *18*	1.0 *3*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1075.0 *1*	0.071 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1075.0 *4*	†1.5 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1075.0 *4*	1.1 *8*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
• 1075.0	5.0×10^{-6}	^{253}Es(20.47 d)	41.79(0.050), 389.11(0.0264), 387.1(0.00810)
• 1075.10 *10*	0.011 *5*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1075.13 *3*	0.80 *4*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1075.18 *46*	0.074 *22*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1075.2 *3*	†3	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1075.2 *3*	3.49 *25*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1075.2 *2*	0.12 *6*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1075.3 *3*	2.1 *4*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1075.3 *1*	0.61 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1075.30 *12*	3.06 *7*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1075.31 *18*	0.63 *6*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1075.44 *25*	0.88 *15*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1075.5 *5*	0.4 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1075.543 *28*	0.0616 *16*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1075.8 *10*	2.9 *4*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1075.87 *3*	0.126 *3*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1075.9 *3*	0.83 *10*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1075.9 *3*	0.226 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1075.90 *25*	0.28 *8*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1075.95 *4*	0.021 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1076.0 *2*	0.051 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1076.0 *1*	0.09 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1076 *1*	0.040 *20*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1076.0 *3*	0.053 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1076	0.338 *7*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 1076.1 *4*	0.0066 *25*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
1076.2 *4*	†7.4 *24*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1076.2	0.10	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1076.2	0.08	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1076.2 *7*	0.32 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
• 1076.240 *18*	0.79 *4*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
1076.3 *3*	8.8 *14*	^{82}As(13.6 s)	654.6(72), 343.5(58), 1895.4(39)
1076.3 *3*	1.19 *20*	^{82}As(19.1 s)	654.6(15), 1731.3(4.1), 755.2(1.81)
1076.30 *10*	0.52 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1076.3 *4*	0.42 *14*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
• 1076.30 *6*	10.5 *3*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1076.35 *24*	0.378 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1076.38 *22*	0.088 *16*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1076.4 *1*	0.48 *3*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1076.48 *20*	0.24 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1076.50 *20*	0.93 *6*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1076.5 *1*	0.45 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1076.5 *5*	0.07	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1076.5 *5*	†3.0 *13*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1076.50 *17*	†<8.6	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1076.6 *2*	0.15 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 1076.6 *4*	0.016 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 1076.64 *4*	9	^{86}Rb(18.631 d)	
1076.64 *4*	83	^{86}Y(14.74 h)	627.72(32.6), 1153.01(30.5), 777.35(22.4)
1076.64 *4*	0.69 *7*	^{86}Y(48 m)	627.21(0.69), 1153.01(0.69), 98.68
1076.66 *10*	0.0310 *24*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1076.7	1.0	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
1076.7 *4*	0.27 *10*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
1076.7 *4*	0.21 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1076.88	14.8 *3*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
1076.9 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1076.9 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1076.9 *2*	0.0081 *16*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
1076.94 *17*	0.030 *6*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1077.0 *2*	†10	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1077.0 *14*	0.009 *3*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
• 1077.043 *6*	6.15 *19*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1077.12 *10*	0.132 *12*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1077.2 *5*	0.053 *18*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1077.3 *1*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1077.35 *4*	12 *5*	^{68}Cu(3.75 m)	1339.96(12.0), 1041.3(9.6), 152.0(5.5)
1077.35 *4*	64 *4*	^{68}Cu(31.1 s)	1260.97(12.5), 1883.09(2.4), 1744.16(1.7)
1077.35 *4*	3.0	^{68}Ga(67.629 m)	1883.09(0.130), 1260.97(0.0900), 805.75(0.089)
1077.5 *2*	2.1 *5*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
1077.60 *17*	0.045 *5*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1077.6 *8*	0.042 *17*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1077.6 *1*	0.99 *10*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1077.6 *10*	0.16 *8*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1077.64 *5*	0.589 *7*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1077.64 *25*	0.4 *3*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1077.68 *3*	1.96 *13*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1077.73 *15*	0.32 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1077.8 *4*	0.090 *15*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1077.8 *3*	0.090 *15*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1077.86 *16*	0.23 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1077.9 *5*	0.16 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1078.0 *3*	1.24 *6*	^{109}Sb(17.0 s)	925.4(32), 1062.8(23.9), 664.5(20.1)
• 1078.0 *4*	4.0×10^{-5} *4*	^{115}Cd(44.6 d)	933.8(2.000), 1290.580(0.890), 484.470(0.290)
1078.0 *2*	†1.40 *11*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1078.0 *3*	0.063 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1078.0 *5*	0.0072 *14*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1078.12 *5*	0.78 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1078.13 *15*	0.17 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1078.2 *4*	0.019 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1078.2	†0.33 *6*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
• 1078.23 *10*	0.061 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 1078.28 *4*	1.07 *4*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1078.3 *1*	2.51 *15*	^{132}Sn(39.7 s)	340.53(49), 85.58(48.2), 899.04(44.8)
• 1078.3 *4*	0.034 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1078.3 *5*	†31 *3*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
1078.4 *4*	0.26 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1078.5 *3*	†12.0 *6*	^{32}Ar(98 ms)	1168.4(†32.8), 707.4(†12.1), 461.09(†12.1)
1078.5 *3*	0.09 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1078.5 *1*	0.53 *6*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1078.59 *19*	3.0 *7*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1078.6 *7*	0.15 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1078.6 *4*	2 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1078.6 *1*	51.6 *26*	^{146}Tb(23 s)	1579.4(100), 1417.2(17.2), 440.9(13.1)
1078.62 *10*	0.564 *19*	^{212}Bi(60.55 m)	727.330(6.58), 1620.50(1.49), 785.37(1.102)
1078.63 *20*	†2.2 *3*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1078.7 *1*	11.5 *3*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
1078.76 *3*	0.063 *7*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
• 1078.8 *14*	0.006 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1078.80 *7*	0.074 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1078.8 *8*	0.10 *3*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1078.86 *4*	27.7 *10*	^{246}Am(25.0 m)	798.80(25), 1062.04(17.1), 1036.00(12.6)
• 1078.86 *4*	3.70 *28*	^{246}Bk(1.80 d)	798.80(61), 1081.40(5.8), 833.60(5.0)
1078.876 *22*	0.474 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1078.88 *9*	0.10 *1*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1078.88 *15*	0.0015	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
• 1078.91 *3*	0.43 *3*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1079.0 *3*	0.156 *21*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1079.0 *3*		^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1079.0 *3*	1.72 *17*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1079.025 *25*	†16.2 *4*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 631.947(†15.1)
1079.1 *10*	0.0051 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1079.2	0.16	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
• 1079.24	4.589 *18*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1079.3 *3*	1.32 *11*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1079.3 *2*	0.32 *3*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1079.3	0.10	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1079.4 *3*	0.057 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1079.5	0.015 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1079.5 *3*	†3.4 *5*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1079.628 *30*	0.092 *3*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
1079.63 *14*	0.55 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1079.67 *22*	1.62 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1079.67 *10*	0.52 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1079.7 *5*	†0.36 *15*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1079.8 *3*	0.75 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1079.8 *3*	†90	^{99}Rb(59 ms)	144.224(†900), 289.4(†270), 655.9(†81)
1079.8 *5*	0.28 *10*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1079.90 *7*	5.44 *14*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 386.97(3.60)
1079.9 *4*	0.15 *3*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1080.00 *9*	0.83 *8*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1080.0 *3*	0.79 *24*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1080.09 *5*	0.237 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1080.09 *5*	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1080.1 *4*	0.46 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1080.16 *9*	†1.04 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1080.16 *6*	0.0123 *7*	^{211}Pb(36.1 m)	404.853(3.78), 832.01(3.52), 427.088(1.76)
1080.2 *10*	0.32 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1080.2 *3*	0.88 *15*	^{98}Sr(0.653 s)	119.353(73), 444.628(39), 428.4(31)
1080.2 *6*	0.5	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1080.2 *4*	0.102 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1080.21 *8*	5.6 *3*	^{177}Yb(1.911 h)	150.392(20.3), 1241.2(3.47), 121.6211(3.42)
1080.3 *2*	23.3 *24*	^{82}As(13.6 s)	654.6(72), 343.5(58), 1895.4(39)
1080.3 *2*	1.69 *14*	^{82}As(19.1 s)	654.6(15), 1731.3(4.1), 755.2(1.81)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1080.3 *3*	0.30 *4*	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
1080.4 *2*	0.46 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1080.4 *2*	0.18 *3*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1080.5 *3*	0.89 *7*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1080.5 *5*	†0.125 *21*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
1080.51 *12*	0.0021 *3*	^{18}Ne(1672 ms)	1041.52(7.83), 659.25(0.132), 1700.72(0.056)
1080.57 *13*	0.30 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1080.6 *7*	0.041 *14*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1080.6 *3*	0.275 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1080.6 *1*	0.052 *5*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1080.61 *8*	0.192 *12*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1080.64 *6*	0.123 *9*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
• 1080.68 *4*	0.906 *25*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1080.7 *4*	7.1 *7*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1080.7	†5.0 *5*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
1080.7 *3*	†29 *4*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
1080.72 *11*	0.490 *24*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1080.82 *8*	0.241 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1080.83 *8*	0.074 *11*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1080.88 *8*	1.00 *8*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1080.96 *19*	0.025 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1081 *1*	†3.4 *7*	^{103}Mo(67.5 s)	83.4(†100), 423.91(†69), 45.8(†57)
• 1081.0 *6*	0.073 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1081.0 *3*	†4.4 *19*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1081.0 *5*	†3.1 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1081.0 *15*		^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1081.0 *4*	0.08 *2*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1081.04 *11*	0.0033 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1081.05 *5*	0.0201 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1081.1 *2*	0.26 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1081.11 *5*	0.0161 *11*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
• 1081.2 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1081.21 *19*	2.5 *8*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
• 1081.29 *4*	0.618 *17*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
1081.29 *4*	0.00044	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
1081.29 *4*	0.00027 *13*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1081.29 *4*	1.31 *4*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1081.3 *2*	0.79 *4*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
• 1081.35 *10*	1.60 *3*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1081.38 *20*	0.52 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1081.4 *3*	0.023 *6*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1081.4 *3*	1.75 *19*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
1081.4 *3*	0.063 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1081.40 *6*	0.69 *6*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1081.40 *6*	0.34 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 1081.40 *6*	5.8 *4*	^{246}Bk(1.80 d)	798.80(61), 833.60(5.0), 1124.29(4.4)
1081.45 *2*	0.044 *6*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1081.45 *2*	0.0180 *8*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
• 1081.46 *8*	0.029 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1081.5 *5*	0.13 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
• 1081.58 *3*	0.0181 *7*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
1081.66 *11*	1.03 *10*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
• 1081.7 *3*	5×10^{-8} *3*	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
1081.8 *4*	0.035 *8*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1081.8 *19*	0.030 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1081.9 *4*	0.165 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1081.9 *4*	0.043 *7*	^{138}Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1551.1(0.42)
1081.9 *3*	0.19 *3*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
• 1082.0 *10*	0.00061 *24*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)
1082.0 *5*	0.11	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1082 *1*	0.11 *5*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
• 1082.096 *17*	0.189 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1082.1 *7*	2.5 *4*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
1082.1 *3*	†233 *48*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
• 1082.10 *30*	0.026 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1082.19 *20*	0.34 *6*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
1082.19 *20*	1.0 *2*	^{128}In(0.72 s)	831.54(100), 1168.80(100), 120.54(11.1)
1082.2 *1*	0.31 *5*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1082.20 *27*	0.13 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1082.2 *4*	0.59 *19*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1082.29 *8*	0.0207 *13*	^{91}Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
1082.29 *8*	0.50 *3*	^{91}Mo(65.0 s)	1507.93(24.3), 1208.09(18.7), 2240.87(0.73)
1082.3 *3*	2.65 *9*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1082.3 *2*	0.0093 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1082.33 *8*	2.48 *22*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1082.36 *4*	0.121 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1082.4 *20*	0.029 *5*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1082.5 *4*	0.110 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1082.5 *3*	0.24 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1082.53 *4*	103 *4*	^{88}Nb(14.5 m)	1057.01(100), 671.20(64), 502.91(60)
1082.53 *4*	53.9 *25*	^{88}Nb(7.8 m)	1057.01(89.3), 399.41(45.7), 450.52(26.6)
1082.56 *16*	0.061 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1082.6 *4*	0.141 *25*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1082.60 *20*	1.8 *4*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
1082.6 *4*	0.014 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1082.6 *5*	0.076 *12*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1082.70 *20*	0.0080 *19*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1082.7 *6*	0.55 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1082.7 *5*	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1082.7 *2*	0.57 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1082.8 *5*	0.50 *8*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1082.9 *1*	†0.27 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1082.9 *4*	0.14 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1082.90 *20*	0.069 *9*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1083.0 *7*	†8	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
1083.0 *3*	†2.0 *6*	^{103}Nb(1.5 s)	102.64(†100), 641.1(†55), 538.5(†34.0)
1083.0 *2*	†1.8 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1083.0 *3*	0.27 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1083.0 *8*	0.16 *7*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1083.0 *7*	0.27 *14*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1083.1 *10*	0.20 *5*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1083.2 *3*	2.8 *7*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1083.2 *10*	0.28 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1083.2 *1*	0.50 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1083.2 *1*	†8.9×10^{2} *19*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1083.22 *6*	0.83 *5*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1083.3 *3*	0.66 *8*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1083.30 *8*	0.35 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1083.341 *31*	0.18 *3*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 1083.341 *31*	0.163 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1083.4	0.26	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
1083.4 *2*	0.353 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1083.42 *6*	0.81 *4*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1083.46 *5*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1083.46 *5*	5.4 *6*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1083.47 *4*	48.4 *16*	^{80}Ga(1.697 s)	659.14(78.0), 1109.36(18.6), 523.18(10.1)
1083.5 *3*	†2.5 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1083.6 *5*	0.081 *18*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1083.6 *8*	0.086 *16*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1083.7 *4*	0.009 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1083.75 *14*	0.26 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1083.8 *7*	0.52 *17*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1083.85 *5*	0.493 *15*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
• 1083.864 *34*	0.0115 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1083.9 *5*	0.60 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1083.9 *5*	0.034 *7*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1084.0 *3*	0.49 *3*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1084.0 *3*	0.028 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1084 *1*	0.244 *8*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1084.0 *4*	†50	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1084.1 *5*	†3.7 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1084.181 *14*	0.37 *12*	^{244}Am(26 m)	941.95(0.36), 1062.953(0.28), 1041.278(0.19)
1084.21 *14*	0.37 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1084.25 *23*	3.12 *18*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1084.25 *5*	0.376 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1084.29 *12*	0.37 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1084.29 *12*		^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1084.3 *5*	0.73 *12*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
1084.3 *6*	0.75 *14*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1084.3 *4*	†3.0 *4*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
1084.32 *3*	5.0 *4*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1084.33 *5*	†6.6 *3*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1084.39 *16*	†9.7 *9*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1084.4 *3*	0.25 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1084.4 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1084.4 *3*	0.21 *7*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1084.5 *1*	0.016 *3*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
1084.5 *5*	0.60 *8*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 661.5(5.1)
1084.5 *10*	†1.2 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1084.5 *7*	0.03 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1084.6 *4*	0.75 *9*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)
1084.6 *1*	3.81 *20*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1084.7 *1*	0.44 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1084.7 *2*	0.0170 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1084.8 *6*	†1.2 *6*	^{101}Nb(7.1 s)	276.10(†100), 157.466(†32), 13.5(†32)
1084.8 *3*	0.50 *8*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1084.826 *17*	0.363 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1084.9 *5*	0.0069 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1084.9 *5*	0.43 *4*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1084.98 *10*	0.031 *5*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1085	†1.2	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1085 *2*	†3	^{189}Au(28.7 m)	713.17(†100), 812.68(†63), 447.65(†55)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1085 *1*	0.15 *5*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1085.1 *3*	1.61 *12*	^{127}In(3.66 s)	252.3(38), 3074(2.85), 948.4(2.73)
1085.15 *6*	1.52 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 1085.15 *6*	0.38 *4*	^{246}Bk(1.80 d)	798.80(61), 1081.40(5.8), 833.60(5.0)
1085.19 *3*	6.05 *13*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1085.3 *8*	0.041 *7*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1085.3 *2*	0.018 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1085.3 *6*	0.49 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1085.3 *1*	0.0232 *19*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
1085.3 *1*	0.99 *5*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
1085.40 *20*	0.0047 *14*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1085.4	0.039	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
1085.4 *2*	0.027 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1085.4 *2*	†480 *90*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 1085.4 *2*	0.019 *4*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 1085.4 *2*	9.2×10^{-8} *10*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
1085.43 *13*	0.47 *5*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1085.5	0.05 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1085.5 *2*	0.30 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 1085.526 *20*	0.062 *11*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1085.526 *20*	1.37 *5*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1085.58 *13*	0.039 *7*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1085.58 *9*	6.76 *23*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
• 1085.60 *14*	0.019 *4*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1085.6 *1*	†1.06 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1085.6 *4*	0.084 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1085.7 *3*	0.42 *8*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1085.8 *6*	0.12 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1085.8 *4*	2.54 *20*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
1085.8 *3*	0.00033	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1085.8 *4*	†0.22 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1085.8 *7*	0.23 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1085.9 *3*	0.117 *22*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1085.9 *2*	†17 *3*	^{103}Mo(67.5 s)	83.4(†100), 423.91(†69), 45.8(†57)
1085.9 *7*	†0.27 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1085.9 *3*	1.64 *14*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1085.90 *22*	1.3 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1085.914 *3*	0.042 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1085.914 *3*	1.26 *11*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 1085.914 *3*	9.92 *15*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1086 *1*	0.025 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1086.1 *4*	0.13 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1086.2 *4*	0.079 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1086.2 *6*	†1.6 *8*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
• 1086.20 *20*	0.048 *7*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
• 1086.30 *25*	0.035 *5*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1086.3 *4*	0.027 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
• 1086.3 *2*	0.033 *5*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1086.3 *2*	0.018 *6*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1086.3 *1*	0.0057 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1086.3 *3*	†5.8 *9*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1086.3 *3*	†1.2 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
1086.4 *6*	0.085 *19*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1086.4 *6*	0.09 *3*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1086.5 *5*	3.1 *9*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
1086.5 *2*	0.247 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1086.52 *9*	0.0278 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
• 1086.6 *2*	0.540 *20*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1086.6 *3*	0.34 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1086.66 *18*	>8.0×10^{-5}	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
1086.7 *8*	0.070 *14*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1086.7 *3*	0.22 *5*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
1086.7 *5*	0.26 *10*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1086.77 *21*	0.56 *14*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1086.78 *8*	0.034 *7*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1086.79 *7*	0.050 *19*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1086.79 *7*	0.70 *4*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1086.8 *5*	0.0012 *7*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
• 1086.9 *3*	0.0336 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1086.9 *4*	0.068 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1086.90 *20*	0.057 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1086.9 *5*	0.33 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1087 *1*	0.0120 *18*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1087.0 *2*	0.086 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1087 *1*		^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
1087.02 *6*	0.22 *3*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1087.06 *10*	0.27 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1087.1 *5*	†41 *18*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
1087.1 *4*	0.038 *7*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1087.1 *5*	0.008 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1087.2 *10*	0.23 *8*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1087.3 *3*	0.25 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1087.3 *3*	†2.1	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
1087.3 *1*	0.76 *17*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1087.3 *1*	0.84 *17*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1087.3 *3*	0.42 *6*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1087.3 *5*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1087.38 *6*	0.20 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1087.4	>0.010	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1087.6 *5*	0.041 *8*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1087.6 *2*	1.53 *11*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
1087.6 *2*	0.55 *11*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1087.6 *5*	0.020 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1087.6 *5*	3.0 *8*	^{183}Lu(58 s)	1125.3(25.0), 1056.8(16.5), 168.1(7.5)
1087.6 *6*	0.39	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 1087.6904 *20*	0.159 *2*	^{198}Au(2.69517 d)	411.8044(96), 675.8874(0.804)
1087.6904 *20*	0.42 *25*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1087.7 *5*	0.0070 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1087.7 *3*	1.4 *3*	^{98}Pd(17.7 m)	112.0(58), 662.2(19.7), 106.75(13.9)
• 1087.70 *10*	1.19 *5*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1087.7 *11*	0.12 *8*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1087.71 *10*	0.0122 *17*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
1087.76 *15*	0.68 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1087.8 *3*	†0.86 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1087.82 *25*	0.31 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1087.9 *5*	0.34 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
• 1087.94 *6*	3.85 *17*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
1087.94 *6*	†<119	^{105}Ag(7.23 m)	319.14(†63000), 306.25(†12800), 442.37(†5900)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1088.0 *5*	0.20 *6*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1088.06 *15*	0.086 *10*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1088.07 *10*	0.36 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1088.16 *11*	2.09 *18*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1088.18 *5*	0.0061 *13*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1088.19 *11*	0.56 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1088.2 *5*	0.46 *14*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1088.2 *5*	2.5 *4*	^{174}Re(2.40 m)	243.4(37), 113.0(19.8), 1002.9(5.62)
1088.2 *3*	0.07	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1088.21 *15*	0.130 *25*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
• 1088.23 *8*	0.101 *16*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1088.3 *3*	5.5 *5*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1088.3 *2*	0.032 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1088.4 *7*	0.058 *11*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1088.40 *30*	0.80 *13*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1088.4 *1*	8.9 *6*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1088.4 *1*	0.015 *3*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
• 1088.46 *6*	0.198 *21*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1088.52 *3*	0.0057 *3*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1088.6 *1*	0.418 *22*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1088.6 *5*	0.046 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
• 1088.6 *4*	0.0014 *4*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
• 1088.64 *10*	0.6	^{123}Sn(129.2 d)	1030.23(0.0310), 1021.00(0.00193), 160.33(0.00191)
1088.70 *10*	0.0031 *11*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1088.7 *2*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 1088.80 *20*	0.30 *3*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
1088.8 *3*	3.7 *9*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1088.80 *9*	0.86 *6*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1088.86 *8*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1088.86 *8*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1088.9 *4*	0.58 *4*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1088.90 *14*	0.22 *5*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1088.9 *1*	0.312 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1089.0 *9*	1.2 *4*	^{69}Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
1089.0 *10*	0.088 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
• 1089.03 *24*	0.0500 *10*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1089.06 *10*	0.20	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1089.08 *15*	†3.4 *4*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1089.1 *5*	0.39	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1089.1 *4*	0.35 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
• 1089.15 *10*	4.59 *16*	^{125}Sn(9.64 d)	1067.10(10), 822.48(4.28), 915.55(4.13)
• 1089.154 *18*	0.205 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1089.2 *3*	3.2 *4*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1089.2 *3*	0.29 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1089.4 *2*	17.1 *9*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1089.4 *2*	0.14	^{95}Rb(377.5 ms)	836.9(2.9), 1309.1(0.12), 845(0.12)
1089.4 *4*	0.68 *14*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1089.411 *28*	†3.19 *7*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1089.43 *6*	0.028 *5*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1089.5 *4*	3.7 *4*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1089.53 *10*	6.0 *4*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 2104.07(5.3)
1089.6 *3*	0.40 *20*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1089.6 *5*	0.14 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1089.7 *5*	†1.3 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1089.700 *15*	1.710 *21*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
1089.700 *15*	†23.7 *17*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1089.700 *15*	0.70 *5*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
• 1089.7 *3*	0.00108 *20*	^{192}Ir(73.831 d)	316.50791(82.81), 468.07152(47.83), 308.45692(30.00)
1089.7 *3*	0.035 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1089.8 *10*	0.12 *8*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1089.8	>2.8	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1090.0(>2.8)
1089.85 *5*	3.2 *3*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1089.864 *35*	0.0653 *22*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1089.88 *10*	0.00168 *21*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1089.9 *4*	0.059 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1089.9 *3*	15000 *4*	^{119}In(18.0 m)	1065.55(†80000), 1249.71(†44000), 1163.85(†32000)
1089.9 *7*	0.14	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1089.9 *2*	1.16 *9*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
1089.986 *20*	0.106 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1090 *1*	0.42 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1090.0 *3*	1.3 *4*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
1090.0	>2.8	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1090		^{190}Ir(3.25 h)	616.08(93.10), 502.53(92.31), 361.136(89.57)
• 1090.03 *11*	0.023 *5*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1090.1 *4*	0.16 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1090.13 *16*	1.85 *20*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1090.20 *10*	0.0116 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1090.2 *3*	†124 *29*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1090.2 *2*	†0.55 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1090.2		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1090.22	0.140 *7*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
1090.28 *8*	4.4 *3*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 118.06(2.39)
1090.3 *3*	0.0116 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1090.3 *10*	0.65 *25*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1090.39 *6*	0.0197 *22*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
• 1090.49 *1*	0.0156 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1090.5 *2*	0.11 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1090.5 *5*	0.0026 *7*	^{211}Pb(36.1 m)	404.853(3.78), 832.01(3.52), 427.088(1.76)
1090.5 *2*	0.07 *3*	^{240}Np(61.9 m)	566.34(25.3), 973.9(23.8), 600.57(18.4)
• 1090.5 *2*	0.0031 *6*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
1090.53 *12*	0.062 *14*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1090.54 *9*	0.09	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1090.7 *7*	6.9 *7*	^{117}Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
1090.7 *2*	0.71 *5*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
1090.7	74.8	^{149}Ho(21.1 s)	1073.2(6.37), 1583.6(4.48), 1736.8(3.80)
1090.70 *6*	0.0214 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1090.75 *17*	0.157 *16*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1090.8 *4*	0.066 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
• 1090.8 *2*	0.198 *10*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1090.94 *13*	0.076 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1090.95 *7*	19.2 *11*	^{203}Po(36.7 m)	908.64(55), 893.49(18.7), 214.78(14.3)
1090.97 *10*	0.0081 *8*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1091 *1*	56 *3*	^{97}Y(1.17 s)	1103.0(92.6), 161.4(71.8), 970.0(39.9)
1091.00 *30*	0.028 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1091.01 *4*	0.33 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1091.04 *9*	0.079 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1091.058	2.42 *5*	^{39}Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1091.2 *8*	0.09	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1091.2 *3*	0.18 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1091.3 *5*	†42 *4*	^{102}Y(0.36 s)	151.73(†100), 326.64(†53), 579.4(†35)
1091.3 *4*	0.042 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1091.3 *9*	0.18 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1091.3 *10*	1.2 *3*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
• 1091.331 *17*	0.149 *6*	^{196}Au(6.183 d)	355.684(87), 332.983(22.9), 521.175(0.389)
1091.349 *12*	0.49 *14*	^{96}Nb(23.35 h)	778.224(96.45), 568.80(58.0), 459.88(26.62)
• 1091.349 *12*	1.10 *8*	^{96}Tc(4.28 d)	778.224(100), 849.929(98), 812.581(82)
1091.349 *12*	0.060 *5*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
1091.4 *2*	†3.0 *10*	^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
1091.4 *7*	>0.0014	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1091.5 *3*	0.50	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1091.5	†>0.05	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
1091.5 *7*	0.62 *12*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1091.51 *8*	0.034 *6*	^{118}In(8.5 s)	1229.68(1.4), 1050.69(1.37), 253.68(1.30)
1091.51 *8*	3.6 *3*	^{118}Sb(5.00 h)	1229.68(100), 253.68(99), 1050.69(97)
1091.61 *14*	0.34 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1091.66 *5*	4.65 *19*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1091.67 *3*	7.75 *20*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1091.7 *2*	0.47 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1091.7 *2*	0.74 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1091.7 *4*	0.007 *3*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1091.72 *7*	0.119 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1091.8	†25	^{101}Rb(32 ms)	271.2(†100), 251.6(†31), 1362.9(†14)
1091.8 *3*	0.054 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1091.8 *5*	0.54 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
1091.8 *3*	0.202 *21*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1091.81 *14*	0.19 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1091.90 *5*	†100 *3*	^{82}Ge(4.60 s)	843.24(†9.3), 248.84(†4.0), 951.8(†1.7)
1091.9 *6*	†0.8 *4*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1091.9 *2*	2.59 *17*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1091.91 *8*	0.00101 *8*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
1092.0 *10*	0.17 *5*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1092.0 *2*	0.034 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1092.08 *38*	0.19 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1092.1 *3*	0.56 *6*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1092.1 *5*	1.01 *10*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1092.1 *6*	0.17	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1092.2 *6*	0.54 *15*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1092.2 *5*	4.44 *7*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1092.23 *12*	0.0481 *25*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1092.3 *2*	18.5 *9*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 461.0(7.7)
1092.3 *3*	0.0197 *17*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1092.3 *4*	0.112 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1092.4 *6*	0.063 *19*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1092.5 *6*	0.14 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1092.5 *10*	<0.007	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
1092.61 *17*	†1.9 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1092.68 *13*	0.69 *4*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1092.7 *4*	4.4 *18*	^{108}Rh(6.0 m)	433.937(88), 581.1(60), 947.27(49)
1092.7 *5*	0.22 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1092.7 *4*	0.12 *6*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1092.8	0.24 *3*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1092.8 *4*	0.34 *3*	^{121}In(23.1 s)	925.57(87), 261.96(7.9), 657.32(7.1)
1092.8 *4*	0.045 *6*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1092.8 *5*	1.22 *7*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1092.82 *15*	0.199 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1092.82 *11*	3.3 *3*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1092.9 *1*	0.45 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1092.9 *9*	†1.4 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1092.9	†47	^{256}Es(7.6 h)	861.8(†100), 231.1(†61), 172.6(†49)
1093.0 *10*	0.27 *8*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1093 *1*	0.039 *19*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1093.0 *3*	0.18 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1093.0 *4*	†0.9 *3*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
1093.1 *1*	0.98 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1093.10 *10*	†5.5 *13*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
1093.1 *5*	0.31 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1093.13 *7*	5.5 *6*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1093.14 *9*	0.098 *8*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1093.2 *3*	5.0 *5*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1093.2	0.09 *5*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1093.2 *3*	0.031 *6*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
1093.3 *7*	3.9 *8*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1093.3 *2*	†15 *2*	^{191}Pb(2.18 m)	387.1(†100), 712.2(†46), 613.5(†40)
• 1093.31 *10*	0.070 *7*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1093.4 *3*	2.79 *24*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1093.42 *46*	†7 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1093.5 *8*	0.075 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1093.5 *1*	1.20 *10*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1093.52 *9*	0.0063 *4*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1093.6 *2*	2.63 *11*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1093.6 *3*	14.1 *14*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1093.6 *3*	0.070 *8*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1093.6 *7*	0.35	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
• 1093.657 *13*	6.0 *3*	^{172}Tm(63.6 h)	78.7435(6.5), 1387.093(5.6), 1529.72(5.1)
• 1093.657 *13*	62.5 *13*	^{172}Lu(6.70 d)	900.724(29.8), 181.528(20.6), 810.064(16.63)
1093.70 *10*	0.036 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1093.7 *3*	0.125 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1093.7 *7*	0.014 *5*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1093.778 *16*	0.00541 *16*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1093.8 *4*	0.15 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1093.87 *9*	0.410 *25*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1093.9 *5*	0.12	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1093.9 *2*	0.40 *3*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
1094.00 *7*	1.74 *10*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1094	0.0033 *10*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1094.0 *3*	0.32 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1094.0 *7*	0.099 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1094.1 *1*	2.81 *12*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
1094.2 *1*	0.23 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1094.20 *6*	0.090 *4*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1094.2 *1*	0.029 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1094.2 *5*	0.21 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1094.2	0.14 *5*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1094.2 *2*	0.020 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 1094.2 *2*	0.016 *1*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1094.22 *15*	0.022 *14*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
1094.29 *20*	0.028 *8*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1094.3 *5*	0.773 *19*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1094.3 *3*	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 1094.37	0.029	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1094.4 *1*	1.10 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1094.4 *3*	0.22 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1094.4	0.08	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1094.5 *4*	†4.4 *13*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
1094.5		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1094.5	†5	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1094.60 *20*	1.05 *6*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1094.6 *6*	0.24 *10*	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
1094.60 *11*	0.23 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1094.7 *3*	3.7 *4*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1094.8 *3*	0.05 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1094.8 *2*	1.20 *10*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1094.8 *3*	1.98 *20*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1094.89 *12*	0.68 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1094.9 *2*	†0.95 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1094.97 *20*	0.52 *7*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1095.0 *3*	0.074 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1095.0 *3*	0.30 *4*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1095.0 *2*	†0.51 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1095.0 *5*	†1.0 *3*	^{180}Au(8.1 s)	153.3(†100), 524.3(†29), 257.6(†26)
1095.04 *25*	0.111 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1095.1 *6*	0.24 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1095.1 *3*	0.010 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1095.13 *15*	0.165 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1095.16 *15*	0.093 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1095.19 *2*	1.4 *5*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1095.26 *5*	†43.6 *6*	^{71}Se(4.74 m)	147.50(†211), 830.33(†43.2), 1242.59(†31.9)
1095.3 *3*	0.074 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1095.3 *10*	†1.9 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1095.36 *11*	0.54 *17*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1095.43 *8*	0.21 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 1095.490 *10*	4.08 *6*	^{71}As(65.28 h)	174.954(82.00), 499.876(3.624), 326.785(3.034)
1095.5 *3*	2.13 *21*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1095.5 *3*	2.25 *23*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
1095.5 *1*	1.28 *4*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1095.5 *3*	0.50 *11*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1095.52 *15*	0.61 *6*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1095.6 *4*	20 *4*	^{127}Sn(2.10 h)	1114.3(39), 823.1(10.9), 805.9(8.4)
1095.6		^{127}Sn(4.13 m)	490.9(90), 1348.0(4.8), 1564.0(4.0)
1095.6 *5*	0.011 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1095.677 *22*	0.133 *11*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1095.677 *22*	0.031 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1095.7 *5*	0.30 *6*	^{63}Co(27.4 s)	87.13(48.7), 981.7(2.11), 155.6(1.60)
1095.7 *4*	0.014 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1095.7 *3*	3.5 *4*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1095.7 *11*	0.32 *8*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
• 1095.75 *10*	2.24 *3*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1095.8 *4*	0.48 *18*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1095.8 *5*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1095.84 *6*	4.4	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1095.84 *6*	0.41	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1095.86 *4*	>8.0×10^{-5}	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
1095.95 *4*	0.0012 *6*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1096.0 *3*	0.34 *5*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1096.0 *5*	0.77 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1096.0 *2*	0.14 *3*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1096.02 *15*	0.87 *4*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1096.02 *22*	0.44 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1096.04 *15*	6.1 *3*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1096.1 *3*	0.126 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1096.1 *3*	1.76 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1096.1 *5*	†0.15 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1096.1 *2*	†31 *3*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
1096.15 *24*	0.032 *11*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1096.17 *6*	0.00093 *19*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
1096.2 *5*	0.51 *14*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1096.22 *3*	43.0 *13*	^{133}Sb(2.5 m)	817.8(18.5), 2755(12.5), 836.88(11.1)
1096.3		^{106}Sn(115 s)	386.8(†100), 477.5(†62), 253.30(†57)
1096.30 *5*	0.48 *9*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1096.3 *5*	0.13 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 1096.4 *4*	0.03 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 1096.47 *7*	0.0135 *14*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
1096.48 *4*	0.552 *20*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1096.48 *4*	0.0025 *3*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
1096.5 *5*	0.22 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1096.50 *20*	1.7 *4*	^{123}Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
1096.5 *5*	0.8 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1096.5 *4*	0.38 *8*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
1096.54 *6*	0.00064 *16*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1096.54 *6*	1.46 *12*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1096.58 *8*	0.072 *5*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
1096.61 *5*	4.5 *3*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1096.62	0.12	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 1096.67 *5*	0.00159 *14*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
1096.7 *5*	†4 *2*	^{100}Y(0.94 s)	212.531(†100), 351.960(†33), 878.54(†18)
1096.71 *9*	0.400 *24*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1096.71 *9*	†86	^{94}Rb(2.702 s)	432.61(†9000), 213.429(†6000), 986.05(†4100)
1096.76 *6*	21.0 *10*	^{95}Ru(1.643 h)	336.43(70.2), 626.77(17.8), 1178.66(5.16)
1096.8 *3*	0.075 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1096.8 *3*	0.119 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1096.8	0.37	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1096.86 *10*	0.090 *14*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1096.9 *2*	†24 *5*	^{91}Ru(7.6 s)	393.7(†100), 892.8(†15), 204.0(†6)
1096.9 *4*	0.044 *8*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1096.9 *1*	0.202 *13*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1096.9 *5*	0.16	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1096.9 *8*	0.00106 *19*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
1096.9 *8*	0.81 *4*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1096.99 *8*	0.0026	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
1097.0 *2*	0.014 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 1097 *1*	0.004 *3*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1097	0.010	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
1097.03 *6*	0.0185 *7*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1097.1 *2*	0.30 *13*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1097.1 *10*	0.034 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1097.1 *1*	28.7 *14*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1097.14 *9*	0.128 *24*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
• 1097.18 *3*	0.124 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1097.2 *8*	0.038 *19*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1097.2 *2*	0.019 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 1097.20 *23*	0.023 *5*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
1097.24 *10*	0.065 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1097.25 *20*	†0.71 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1097.26 *9*	0.45 *5*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1097.3 *2*	0.028 *4*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1097.3 *2*	56.2 *11*	^{116}In(54.41 m)	1293.54(84.4), 416.86(28.9), 2112.1(15.5)
1097.3 *3*	0.31 *3*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1097.37 *7*	0.055 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1097.4 *7*	0.093 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1097.41 *8*	0.086 *14*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1097.46 *5*	0.0571 *17*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1097.5 *2*	0.00200 *17*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
1097.5 *3*	0.35 *5*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1097.5 *3*	0.57 *11*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1097.5 *5*	0.69 *16*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
1097.5 *6*	†1.2 *4*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1097.55 *25*	0.236 *21*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1097.59 *11*	0.299 *17*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1097.6 *1*	10.7 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
1097.6 *2*	0.14 *4*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1097.7 *3*	1.92 *19*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1097.7	0.58 *9*	^{140}Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
1097.8 *2*	0.70 *6*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1097.8 *5*	0.27 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1097.8 *5*	†53 *18*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
1097.8 *2*	11.7 *19*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1097.8 *7*	0.253 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1097.82 *3*	6.00 *18*	^{89}Br(4.40 s)	997.93(4.26), 953.53(4.26), 4166.3(3.8)
1097.82 *3*	0.91 *8*	^{90}Br(1.92 s)	411.49(3.88), 962.71(1.25), 997.93(0.33)
1097.9 *7*	0.017 *5*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1097.92 *7*	0.110 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1097.97 *13*	98.5 *23*	^{50}Mn(1.75 m)	783.29(100), 1443.28(69), 1282.36(33)
1098.0 *6*	0.084 *16*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
• 1098	>1.9×10^{-5}	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
1098 *1*	2.3 *8*	^{98}Cd(9.2 s)	347.18(78), 1176.1(66.3), 107.28(43.7)
1098.0 *5*	0.47	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1098.0 *5*	0.38	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1098.0 *2*	0.20 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1098.0 *10*	0.007 *3*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1098.0 *15*	1.2	^{124}Ba(11.9 m)	169.3(20), 1216(12), 188.98(10)
1098.0 *5*	0.5	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1098.0 *3*	12 *3*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 838.0(10)
1098.02 *22*	0.42 *4*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
• 1098.05 *10*	0.256 *8*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1098.1 *5*	0.064 *24*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 1098.2 *2*	0.0036 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1098.2	>0.22	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1098.2 *3*	0.244 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1098.25 *2*	0.172 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1098.26 *23*	†2.3×10^3 *5*	^{105}Ag(7.23 m)	319.14(†63000), 306.25(†12800), 442.37(†5900)
• 1098.26 *7*	13.50 *15*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1098.33 *23*	0.38 *4*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1098.36 *16*	0.00054 *9*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1098.37 *2*	1.5 *3*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1098.37 *2*	0.10 *4*	^{118}In(5.0 s)	1229.68(5.0), 528.83(0.7), 1173.59(0.43)
1098.37 *2*	0.079 *22*	^{118}Sb(3.6 m)	1229.68(2.5), 1267.23(0.511), 528.83(0.472)
1098.4 *8*	0.29 *19*	^{128}Sb(10.4 m)	753.82(96.4), 743.22(96), 314.12(89)
1098.4 *6*	0.46 *14*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1098.5 *10*	0.12 *6*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1098.51 *5*	0.52 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1098.51 *5*	8.9 *4*	^{96}Rh(1.51 m)	832.57(39), 1692.2(7.0), 685.49(3.6)
1098.51 *7*	1.83 *11*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1098.6 *3*	39 *3*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 359.7(30)
1098.6 *10*	0.18 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 1098.64 *7*	0.122 *3*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1098.64 *4*	9	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1098.64 *4*	16.3 *10*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1098.7 *6*	17.3 *10*	^{96}Pd(122 s)	124.70(65), 762.3(50.0), 499.7(17.9)
1098.77 *11*	0.214 *16*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1098.8 *4*	0.27 *3*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1098.82 *12*	†6.1 *6*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
• 1098.9 *5*	0.012 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1099.0 *3*	4.5 *4*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1099.06 *23*	0.57 *11*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1099.1 *9*	0.14 *8*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
• 1099.251 *4*	56.5 *15*	^{59}Fe(44.503 d)	1291.596(43.2), 192.349(3.08), 142.652(1.02)
1099.32 *7*	1.67 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1099.38 *3*	0.52 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1099.4 *3*	30	^{109}Sn(18.0 m)	649.90(28.0), 1321.3(11.9), 331.1(9.7)
1099.4 *5*	0.062 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1099.48 *3*	22.3 *18*	^{125}Cd(0.65 s)	436.29(37), 2147.19(19.1), 1700.96(10.8)
• 1099.5 *3*	0.0058 *25*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
1099.5 *3*	0.75 *3*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1099.5 *3*	0.44 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1099.5 *2*	0.96 *6*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1099.560 *19*	0.245 *6*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
1099.6 *4*	1.02 *15*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1099.6 *7*	0.47 *9*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1099.6 *3*	0.173 *24*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1099.68 *11*	0.111 *12*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1099.68 *11*	0.075 *3*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1099.7 *4*	†5 *2*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1099.7 *5*	0.095 *16*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1099.88 *4*	0.099 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
• 1099.89 *11*	0.063 *7*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1099.9 *2*	4.4 *5*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
1099.9 *2*	7.1 *16*	^{190}Tl(2.6 m)	416.4(79), 625.4(11.1), 683.5(8.7)
1099.95 *13*	0.108 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1099.99 *2*	0.192 *10*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1100 *1*	0.12 *5*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1100.0 *2*	0.0076 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1100.0 *3*	13 *7*	^{146}Ho(3.6 s)	682.9(100), 925.3(69), 673.7(55)
1100.00 *8*	1.37 *7*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1100.0 *3*	0.00050 *17*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1100.07 *12*	0.69 *6*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1100.10 *28*	0.151 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1100.1 *4*	0.270 *18*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1100.1	>0.22	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1100.16 *2*	0.29 *2*	^{213}Bi(45.59 m)	440.46(26.1), 292.80(0.429), 807.36(0.292)
1100.20 *24*	0.57 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1100.3 *2*	2.3 *3*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1100.3 *30*	0.042 *14*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
1100.33 *10*	2.34 *13*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1100.42 *30*	0.046	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1100.5 *5*	0.13 *3*	^{63}Fe(6.1 s)	994.8(14.0), 1427.2(4.6), 1299.0(1.23)
• 1100.5 *4*	8.0×10^{-5} *4*	^{123}Sn(129.2 d)	1088.64(0.6), 1030.23(0.0310), 1021.00(0.00193)
1100.60 *15*	1.63 *9*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
1100.63 *12*	0.181 *16*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1100.7 *5*	0.92 *25*	^{121}In(3.88 m)	60.34(20), 1041.1(1.12), 1121.2(0.51)
1100.7 *8*	0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1100.77 *3*	0.049 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1100.8 *1*	0.126 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1100.9 *3*	4.6 *4*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1101.0 *6*	†0.77 *12*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1101.0 *3*	0.50	^{124}Sb(93 s)	645.855(25), 602.730(25), 498.3(25)
1101.0 *3*	1.47 *13*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1101.0 *4*	0.7 *3*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
1101.0 *3*	2.92 *13*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1101.12 *2*	0.18 *4*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
1101.14 *20*	0.27 *8*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1101.18 *24*	0.64 *5*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1101.2 *6*	0.76 *18*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1101.2 *2*	1.55 *12*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1101.26 *4*	0.148 *20*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1101.267 *12*	5.39 *18*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
• 1101.267 *12*	0.0071 *18*	^{74}As(17.77 d)	595.847(59), 608.353(0.552), 1204.208(0.285)
1101.29	0.012 *12*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1101.4 *3*	0.48 *7*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1101.4	1.1	^{200}Bi(36.4 m)	1026.5(100), 462.34(98), 419.70(91)
1101.45 *8*	0.023 *4*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1101.45 *15*	0.31 *8*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
1101.5 *2*	†10 *1*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
1101.58 *3*	1.62 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
• 1101.59 *4*	0.338 *16*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1101.6 *10*	0.11 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1101.7 *5*		^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
• 1101.70 *10*	0.95 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1101.8 *1*	0.0110 *12*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1101.8 *8*	0.39 *19*	^{128}Sb(10.4 m)	753.82(96.4), 743.22(96), 314.12(89)
• 1101.80 *11*	0.042 *6*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1101.8	0.06	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1101.8	0.023 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1101.8 *4*	0.19 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1101.9 *10*	0.011 *3*	^{107}Rh(21.7 m)	302.77(66), 392.47(8.8), 312.21(4.8)
1101.9 *1*	9.7 *5*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1101.9 *3*	0.136 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1101.9 *3*	†2.8 *10*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
1101.94 *4*	49.0 *5*	^{183}Os(9.9 h)	1107.92(22.36), 1034.85(6.02), 484.40(2.21)
1102		^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
1102.0 *3*	0.114 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1102.00 *15*	0.27 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1102.02 *23*	0.198 *25*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1102.06 *36*	0.049 *9*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1102.1 *5*	1.25 *10*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1102.12 *17*	0.101 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1102.14 *5*	0.50 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 1102.149 *18*	2.54 *6*	^{121}Te(154 d)	37.138(0.94), 998.291(0.0796), 909.847(0.0703)
1102.18 *15*	0.76 *8*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1102.20 *3*	3.09 *21*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1102.2 *2*	0.100 *16*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1102.24 *17*	0.107 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1102.3 *20*	0.0023 *11*	^{157}Dy(8.14 h)	326.16(92), 182.20(1.84), 83.01(0.62)
1102.39 *8*	0.169 *9*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
1102.40 *20*	1.5 *4*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
1102.42 *10*	0.0165 *16*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1102.5	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1102.5 *3*	0.23 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1102.5 *2*	0.0035 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1102.54 *22*	0.065 *12*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1102.60 *7*	3.25 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
• 1102.60 *3*	0.583 *3*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1102.60 *3*	†0.45 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1102.60 *3*	0.21 *4*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
1102.6 *3*	0.195 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1102.6 *9*	†2.3 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
• 1102.64 *15*	0.0111 *23*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1102.66 *10*	0.476 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1102.7 *12*	†1.7 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1102.8 *10*	0.29 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1102.8 *3*	†6.3 *19*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
• 1102.90 *20*	0.0288 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
• 1102.9 *2*	0.0288 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1102.9 *6*	0.31 *10*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1102.9 *7*	0.37 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1102.93 *30*	0.14 *6*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1103.0 *2*	5.1 *4*	^{97}Y(3.75 s)	3287.6(18.1), 3401.3(14.1), 1996.6(7.4)
1103.0 *2*	92.6 *21*	^{97}Y(1.17 s)	161.4(71.8), 1091(56), 970.0(39.9)
1103 *2*	0.28 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1103.0 *5*	0.072 *20*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1103.0 *3*	0.00036 *14*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1103.0 *3*	0.09 *3*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
1103.1 *4*	>1.3	^{102}Zr(2.9 s)	599.60(13.9), 535.30(10.6), 64.50(8.9)
• 1103.12 *25*	0.0059 *7*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1103.16 *4*	†16.7 *13*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1103.16 *4*	0.38 *7*	^{102}Tc(5.28 s)	475.070(7), 468.59(0.88), 865.5(0.87)
• 1103.16 *4*	4.6 *3*	^{102}Rh(2.9 y)	475.070(95), 631.28(55.9), 697.49(43.9)
• 1103.16 *4*	†2.99 *10*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 468.59(†2.99)
1103.18 *20*	0.90 *6*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1103.18 *12*	0.73 *6*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1103.2 *3*	0.15 *11*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
• 1103.25 *2*	0.415 *4*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
1103.29 *6*	3.7 *4*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1103.3 *1*	0.050 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1103.35 *25*	0.42 *4*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1103.4 *6*	0.23 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1103.4 *1*	5.40 *16*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1103.45 *15*	†1.34 *20*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1103.5 *5*	0.0008 *4*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1103.5	0.00054 *23*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1103.52 *18*	0.69 *17*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1103.52 *20*	0.0046 *7*	^{211}Pb(36.1 m)	404.853(3.78), 832.01(3.52), 427.088(1.76)
1103.6 *4*	0.44 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1103.63 *13*	0.38 *6*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1103.64 *30*	0.057	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1103.7 *4*	0.27 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1103.7 *3*	0.09 *5*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1103.9 *3*	0.11 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1103.9 *8*	0.0154 *24*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1103.9 *8*	0.019 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1103.92 *7*	0.343 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1103.964 *12*	0.026 *4*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
• 1104.0 *5*	0.013 *6*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
1104.00 *20*	10.1 *11*	^{102}Sr(69 ms)	243.80(53), 150.15(18.0), 93.89(13.4)
1104.0 *10*	0.36 *12*	^{242}Np(5.5 m)	785.7(60), 944.8(37.8), 159.0(19.2)
1104.05 *3*	0.0259 *10*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1104.05 *3*	1.98 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1104.1 *3*	0.48 *9*	^{160}Tm(74.5 s)	264.1(9), 125.8(6.5), 375.8(2.4)
1104.14 *11*	0.043 *22*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
1104.16 *15*	†4.0 *6*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
• 1104.162 *26*	0.0115 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1104.23 *7*	0.0340 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1104.3 *2*	0.21 *6*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1104.3 *10*	0.21 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1104.3 *10*	1.17 *21*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1104.31 *76*	0.048 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1104.31 *5*	0.988 *22*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1104.321 *16*	0.367 *8*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1104.38 *5*	1.28 *5*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1104.5 *3*	23 *5*	^{116}Rh(0.9 s)	340.5(90), 639.4(52), 538.4(40)
1104.5 *10*	0.20 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1104.55 *22*	0.019 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1104.6 *3*	0.5 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1104.69 *23*	0.15 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1104.7 *3*	0.56 *21*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1104.8 *10*	0.09 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1104.8 *8*	0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1104.8 *2*	0.070 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1104.8 *3*	0.08 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1104.93 *9*	0.43 *4*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1104.99 *36*	0.034 *8*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1105.0 *7*	1.0 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1105.0 *3*	0.041 *9*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1105		^{217}Ac(740 ns)	498

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1105 *2*		^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
1105.0 *5*	>0.0007	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1105.06 *15*	0.33 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1105.06 *7*	0.199 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1105.2 *2*		^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1105.2 *3*	0.99 *10*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1105.20 *10*	1.21 *8*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
1105.2 *2*	0.090 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1105.24 *9*	†7.8 *8*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1105.3		^{81}Se(18.45 m)	275.988(0.7), 290.03(0.55), 828.27(0.280)
1105.3 *3*	2.72 *21*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1105.3 *4*	†1.4 *3*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1105.3 *1*	0.724 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1105.43 *19*	0.043 *22*	^{244}Am(26 m)	1084.181(0.37), 941.95(0.36), 1062.953(0.28)
1105.5 *15*		^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1105.57 *8*	0.55 *7*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
1105.6 *5*	0.09 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1105.6 *3*	0.101 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1105.6 *21*	0.06	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1105.6 *8*	0.63 *4*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1105.65 *11*	†0.87 *5*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1105.66 *25*	0.07 *3*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1105.66 *25*	1.8 *5*	^{122}In(10.8 s)	1140.55(100), 1001.58(98.4), 103.74(81)
1105.7 *3*	0.74 *11*	^{102}Tc(5.28 s)	475.070(7), 468.59(0.88), 865.5(0.87)
• 1105.7 *3*	†0.40 *3*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
1105.7	0.35	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1105.8 *10*	†5	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
1105.80 *20*	0.028 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1105.8 *8*	0.06 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1105.8 *3*	2.0 *4*	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 699.0(13.4)
1105.8 *3*	†1.3 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1105.84 *13*	0.00132 *12*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1105.9 *4*	†1.2 *4*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
1105.9 *20*	0.57 *9*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1105.92 *10*	0.027 *3*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
1105.93 *14*	0.026 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1106.0 *5*	0.042 *21*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1106.0 *2*	0.112 *19*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1106.00 *12*	0.053 *5*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1106 *1*	0.42 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1106.00 *15*	22.7 *8*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 215.256(22.1)
1106.01 *6*		^{108}Rh(16.8 s)	433.937(43), 618.84(15.0), 497.22(5.2)
1106.01 *6*	0.00165 *15*	^{108}Ag(2.37 m)	433.937(0.50), 618.84(0.261), 1007.22(0.0139)
• 1106.11 *6*	0.152 *14*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1106.19 *2*	0.124 *7*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1106.19 *2*	0.536 *12*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1106.2 *6*	0.29 *3*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1106.2 *2*	2.91 *19*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
1106.2 *3*	0.057 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1106.25 *14*	39.2 *24*	^{48}Mn(158.1 ms)	752.15(99.7), 3676.2(30.4), 3934.1(22.9)
1106.25 *8*	0.177 *18*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1106.26 *25*	0.10 *3*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1106.3 *7*	0.047 *11*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1106.3 *5*	4.1 *4*	^{148}Pr(2.0 m)	301.702(95), 450.58(50), 697.61(40)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1106.4 *3*	†2.5 *5*	^{152}Tm(8.0 s)	807.9(†100), 715.9(†13), 672.5(†9.5)
• 1106.4	1.4×10^{-6}	^{253}Es(20.47 d)	41.79(0.050), 389.11(0.0264), 387.1(0.00810)
1106.5 *5*	0.4 *3*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1106.5 *2*	1.5 *4*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
1106.5 *6*	0.58 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1106.5 *3*	0.47 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1106.6 *6*	0.028 *15*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1106.7 *2*	†10.0 *11*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1106.8 *4*	0.037 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1106.8 *2*	0.65 *7*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1106.82 *8*	11.6 *4*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
• 1106.863 *17*	0.0313 *11*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1106.88 *2*	49	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1106.9 *6*	1.00 *20*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
1106.9 *2*	0.082 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1106.93 *8*	0.0049 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1107.0 *10*	0.7 *4*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1107.0 *3*	0.21 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1107.0 *7*	0.30 *4*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1107 *1*	0.09 *4*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1107.0 *5*	0.13 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1107.0 *3*	0.099 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 1107.01 *6*	36	^{69}Ge(39.05 h)	574.17(13.3), 872.14(11.9), 1336.72(4.5)
1107.1 *1*	13.2 *4*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1107.1 *3*	0.11 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1107.16 *5*	0.474 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1107.2 *3*	0.48 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1107.3 *2*	8	^{143}Eu(2.63 m)	1536.8(3.29), 1912.7(2.13), 107.69(2.09)
• 1107.4	0.049	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1107.5 *1*	2.0 *3*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1107.5 *3*	0.00037	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
• 1107.60 *18*	0.00040 *16*	^{121}Te(154 d)	1102.149(2.54), 37.138(0.94), 998.291(0.0796)
1107.6 *5*	0.40 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1107.63 *7*	4.28 *20*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 1107.63 *7*	2.15 *4*	^{158}Tb(180 y)	944.09(44), 962.06(20.3), 79.5104(11.6)
• 1107.67 *3*	0.130 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1107.7 *7*	0.48 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
• 1107.7 *5*	0.011 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1107.72 *17*	†5	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1107.73 *7*	0.56 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 1107.74 *4*	0.099 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1107.78 *10*	2.93 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1107.8 *6*	0.77 *9*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1107.81 *9*	0.25	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1107.85	0.67 *5*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1107.9 *3*	7.8 *17*	^{70}Cu(47 s)	884.9(100), 901.7(87), 1251.7(57)
1107.92 *8*	0.0510 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1107.92 *4*	22.36 *20*	^{183}Os(9.9 h)	1101.94(49.0), 1034.85(6.02), 484.40(2.21)
1108.0 *4*	0.68 *17*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1108.0 *7*	0.037 *10*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1108.0 *12*	0.185 *11*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
1108.0 *2*	0.092 *18*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
1108.1 *5*	3.94 *19*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1108.1 *3*	0.54 *5*	^{231}Np(48.8 m)	370.9(10), 348.4(3.63), 263.8(2.84)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1108.2 *3*	0.064 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1108.28 *18*	0.39 *3*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1108.3 *9*	0.42	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1108.3 *5*	†6 *4*	^{106}Nb(1.02 s)	171.548(†100), 350.70(†39), 714.00(†30)
1108.3 *4*	†6.7 *16*	^{111}Ru(2.12 s)	303.8(†100), 211.7(†77.7), 382.0(†41.3)
1108.3 *5*	0.112 *25*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
• 1108.3 *3*	0.03 *1*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1108.3 *3*	†0.71 *3*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1108.4 *3*	†1.4 *3*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
1108.4 *2*	1.25 *12*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
1108.41 *8*	15.8 *3*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 431.0(9.2)
1108.41 *16*	†8.9 *8*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1108.5 *3*	0.216 *13*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1108.63 *6*	0.051 *5*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1108.68 *10*	7.2 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1108.7 *3*	0.19 *6*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1108.71 *12*	0.0026 *5*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1108.76 *12*	0.00592 *20*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1108.76 *12*	0.0042 *5*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
1108.8	>0.010	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1108.9 *1*	0.412 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1108.9 *4*	†0.5 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
1108.93 *18*	0.046 *7*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1108.93 *6*	0.093 *9*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1109 *1*	0.34 *11*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1109 *1*	0.26 *10*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1109.0 *8*	0.24 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1109.0 *5*	0.00679 *21*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
1109.1 *3*	0.73 *22*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1109.15	>0.028	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 1109.180 *12*	0.183 *4*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
1109.180 *12*	†63 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1109.180 *12*	0.031 *25*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
1109.2 *8*	0.13 *8*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1109.2 *10*	0.038 *19*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1109.2 *1*	†0.70 *11*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1109.27 *9*	12.4 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1330.41(6.76)
1109.3 *2*	0.16 *3*	^{71}Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
1109.36 *4*	18.6 *6*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 523.18(10.1)
1109.36 *8*	0.015 *4*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1109.4	14 *2*	^{145}Tb(29.5 s)	257.8(39), 987.8(37), 537.0(23)
1109.44 *14*	0.19 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1109.48 *9*	0.0105 *7*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1109.48 *5*	0.115 *4*	^{211}Pb(36.1 m)	404.853(3.78), 832.01(3.52), 427.088(1.76)
1109.5 *10*	0.09 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1109.6 *2*	0.58 *6*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1109.6 *4*	†0.38 *10*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1109.7 *10*	0.059 *13*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1109.72 *5*	1.198 *19*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1109.72 *5*	13.12 *24*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 692.86(12.26)
1109.8 *3*	0.00037	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
1109.8 *3*	0.099 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1109.80 *17*	1.8 *6*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1109.9 *2*	0.12 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1109.96 *2*	0.87 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 1109.99 *7*	0.185 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1110	†1.9	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
• 1110	0.0028 *21*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1110.0 *6*	1.8 *5*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1110 *20*	6.9 *20*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1316(21)
1110.0 *2*	0.36 *5*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
• 1110.03 *16*	0.022 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1110.082 *6*	2.23 *7*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
• 1110.082 *6*	0.58 *3*	^{184}Re(169 d)	252.848(10.7), 216.548(9.43), 920.932(8.14)
1110.1	0.16	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1110.2 *1*	0.426 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1110.2 *7*	0.29 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1110.2 *4*	0.13 *5*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1110.25 *7*	0.171 *19*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1110.26 *10*	0.285 *19*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1110.28 *25*	0.17 *3*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1110.3	1.1	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1110.3 *3*	0.42 *7*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1110.3 *5*	0.20 *4*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
1110.3 *1*	0.0107 *21*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1110.4 *5*	2.9 *3*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
1110.4 *4*	0.108 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1110.4	1.2	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
1110.4 *6*	0.032 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1110.4 *4*	0.30 *6*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1110.44 *19*	0.093 *19*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
1110.5 *4*	1.06 *18*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1110.5 *3*	0.13 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1110.5 *3*	0.73 *22*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1110.5 *8*	†4 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1110.54 *4*	0.055 *6*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1110.6 *3*	0.84 *21*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
• 1110.6 *5*	0.010 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1110.6 *1*	0.062 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1110.610 *10*	0.314 *21*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1110.610 *10*	0.450 *19*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1110.64 *6*	0.2240 *22*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
• 1110.65 *30*	0.0121 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1110.68 *4*	2.47 *4*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
1110.7 *2*	2.9 *2*	^{94}Rh(70.6 s)	1430.50(100), 756.23(51), 1072.50(30.7)
1110.7 *2*	4.0 *10*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1110.75 *6*	0.803 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1110.8 *3*	0.077 *11*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1110.8 *4*	2.7 *5*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1110.8 *5*	2.1 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1110.82 *5*	1.76 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1110.86 *5*	0.0151 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1110.9 *2*	0.086 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1110.9 *4*	0.022 *6*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1110.9 *5*	†1.10 *15*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1111.0 *2*	†1.44 *19*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1111.0 *3*	0.29 *7*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1111.0 *4*	0.021 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1111.0 *10*	0.26 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1111.04 *10*	1.44 *13*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1111.10 *10*	3.12 *11*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1111.1 *3*	5.0 *5*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1111.2 *1*	26.2 *10*	^{93}Ru(10.8 s)	1396.2(39), 2039.1(9.2), 928.3(1.66)
1111.2 *2*	1.9 *5*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
• 1111.2 *8*	0.011 *9*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1111.34 *3*	1.47 *12*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 1111.4 *1*	0.0136 *19*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
• 1111.40 *18*	0.015 *4*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1111.49 *24*	0.49 *6*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1111.5 *5*	†100 *33*	^{85}As(2.028 s)	3749.4(†23), 461.5(†20), 3345.0(†14.2)
1111.5 *2*	0.16 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1111.50 *10*	0.00108 *9*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1111.50 *10*	0.26 *4*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
1111.57 *25*	0.33 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1111.6 *4*	2.07 *15*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
1111.64 *5*	0.191 *8*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
1111.7	0.014 *7*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1111.8 *3*	0.73 *8*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1111.82 *20*	0.24 *8*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1111.88 *70*	0.08 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1111.9 *3*	0.58 *12*	^{98}Pd(17.7 m)	112.0(58), 662.2(19.7), 106.75(13.9)
1111.9 *5*	0.06 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1111.9 *4*	0.0022 *10*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1111.9 *5*	0.054 *7*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1112.0 *2*	1.5 *4*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1112.0 *8*	0.10 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1112.0 *3*	0.132 *13*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
1112	†2	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1112.1 *13*	0.10 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1112.1 *2*	†0.9 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
1112.116 *17*	0.033 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1112.116 *17*	4.0 *3*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 1112.116 *17*	13.55 *19*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1112.14 *8*	0.508 *25*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
1112.20 *15*	0.0018 *5*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1112.2 *14*	0.024 *11*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1112.2 *6*	0.7	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1112.30 *20*	0.71 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1112.4 *1*	0.154 *16*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1112.4 *2*	0.0093 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1112.4 *4*	0.065 *15*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1112.4 *5*	0.0028 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1112.5 *2*	†1.27 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1112.6 *5*	3.7 *17*	^{57}Cu(199.4 ms)	
1112.6 *3*	0.072 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1112.6 *3*	0.22 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1112.6 *2*	†7.1 *1*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
1112.7 *3*	1.1 *4*	^{120}In(47.3 s)	1171.3(100), 1023.1(97.4), 197.3(80.6)
• 1112.7 *3*	0.821 *10*	^{120}Sb(5.76 d)	1171.3(100), 1023.1(99.4), 197.3(87.0)
1112.7	1.0	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1112.7 *4*	2 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1112.7 *3*	0.040 *4*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1112.7 *3*	0.18 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 1112.8 *5*	0.07 *3*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
1112.84 *7*	†3.03 *17*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
• 1112.84 *7*	19.0 *10*	^{102}Rh(2.9 y)	475.070(95), 631.28(55.9), 697.49(43.9)
1112.9 *1*	0.87 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1112.9 *5*	0.05 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1112.9 *2*	0.051 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1112.92 *5*	0.009 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1113.0 *4*	0.29 *3*	^{73}Zn(23.5 s)	218.1(6.00), 910.5(1.91), 495.6(1.48)
1113 *1*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1113.0	†1.62 *8*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1113.0 *2*	†4.86 *26*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1113	†4	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1113.05 *20*	0.044 *9*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
• 1113.05 *5*	1.65 *8*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1113.08 *7*	1.93 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1113.10 *10*	14.7 *12*	^{83}As(13.4 s)	734.60(43), 2076.70(11.9), 2202.90(9.5)
1113.1 *3*	1.56 *15*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
• 1113.10 *20*	0.101 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1113.2 *1*	1.38 *9*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1113.2 *5*	0.6 *5*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1113.2 *2*	0.018 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1113.3 *5*	0.14 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 1113.390 *18*	0.446 *5*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1113.390 *18*	0.35 *6*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1113.390 *18*	4.7 *1*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1113.4 *5*	0.104 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1113.4 *4*	0.074 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1113.49 *10*	0.0053 *8*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1113.5 *3*	0.0490 *14*	^{163}Er(75.0 m)	436.1(0.0285), 439.94(0.0276), 297.88(0.012)
1113.5	†0.6	^{193}Pb(5.8 m)	365.2(†100), 392.2(†20.7), 716.4(†6.7)
1113.6 *10*	0.04 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1113.6 *4*	0.40 *4*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1113.6 *1*	0.25 *3*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1113.6 *2*	0.0067 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1113.7 *1*	0.055 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1113.8 *10*	†3.7	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
1113.85 *24*	0.064 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1113.9 *5*	0.091 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1113.9 *5*	0.189 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 1113.92 *3*	0.0222 *22*	^{148}Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
• 1113.92 *3*	0.137 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1114.1 *3*	21.8 *22*	^{70}As(52.6 m)	1039.20(81), 668.3(21.8), 743.56(21.5)
• 1114.1 *3*	0.015 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1114.1 *2*	0.028 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1114.11 *30*	0.10 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1114.2 *1*	0.50	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1114.29 *10*	1.47 *7*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1114.3 *4*	39 *4*	^{127}Sn(2.10 h)	1095.6(20), 823.1(10.9), 805.9(8.4)
1114.3 *3*	2.67 *10*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1114.32 *6*	0.092 *6*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1114.4 *4*	0.10 *4*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
1114.4 *6*	0.30 *5*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1114.48 *5*	0.0118 *18*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1114.48 *5*	0.0062 *5*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
• 1114.49 *14*	0.295 *18*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
1114.5 *2*	†2.12 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
1114.51 *19*	0.53 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1114.6	1.8	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1114.60 *33*	†1.7 *5*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1114.7	2.2	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
1114.7 *1*	0.19 *3*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1114.70 *25*	0.98 *15*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1114.72 *8*	0.166 *16*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1114.80 *5*	0.103 *4*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1114.8 *1*	0.134 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1114.8	0.38	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1114.8 *4*	0.055 *17*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1114.8 *6*	0.055 *17*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1114.9 *2*	0.14 *3*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1115.0 *5*	0.063 *19*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1115.0 *5*	0.050 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1115.0 *8*	0.23 *13*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
1115.0 *8*	0.18 *10*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1115.0 *1*	0.17 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1115.0 *9*	0.50	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1115.07 *11*	1.0 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1115.073 *16*	0.0023	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 1115.1 *3*	0.37 *4*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
1115.1 *4*	0.63 *6*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
• 1115.12 *3*	1.576 *9*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1115.12 *3*	†1.05 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1115.16 *24*	0.79 *7*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1115.18 *3*	4.82 *22*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1115.2 *3*	0.54 *22*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1115.2	>0.41	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1115.2 *4*	0.13 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1115.20 *2*	4.8 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1115.25 *12*	1.37 *11*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1115.25 *5*	†4.98 *19*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1115.3 *5*	0.49 *9*	^{67}Ni(21 s)	1937.1(0.64), 821.6(0.47), 2841(0.27)
1115.3 *6*	2.1 *9*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1115.3 *1*	†6.8 *5*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
• 1115.35 *26*	0.015 *6*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1115.36 *20*	0.25 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1115.4 *3*	0.061 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1115.4 *3*	†1.14 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1115.5 *2*	†0.95 *11*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1115.5	†2	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1115.5 *3*	0.09 *5*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1115.53 *15*	0.019 *6*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
• 1115.54 *5*	0.37 *3*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1115.546 *4*	15.43 *9*	^{65}Ni(2.5172 h)	1481.84(24), 366.27(4.81), 1623.42(0.498)
• 1115.546 *4*	50.60 *24*	^{65}Zn(244.26 d)	344.95(0.0030), 770.6(0.0030)
1115.7 *2*	1.25 *18*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1115.77 *22*	0.094 *14*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 1115.78 *7*	0.050 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1115.8 *7*	0.030 *7*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1115.8 *3*	0.103 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1115.8 *2*	3.4 *6*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
1115.8 *2*	9 *3*	^{100}Ag(2.24 m)	665.54(86), 750.67(>26), 1693.9(14.7)
1115.8 *3*	0.45 *9*	^{160}Tm(74.5 s)	264.1(9), 125.8(6.5), 375.8(2.4)
1115.8 *9*	0.022 *7*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
1115.9 *2*	1.10 *10*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1115.9 *2*	0.069 *9*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1115.9 *20*	0.022 *16*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1115.96 *25*	0.23 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1116.0 *4*	2.8 *4*	^{80}Ge(29.5 s)	265.36(27.0), 110.4(6.5), 1564.3(4.9)
1116.0 *5*	0.23	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1116.0 *10*	0.0010 *6*	^{152}Eu(9.274 h)	344.281(2.44), 1314.67(0.956), 970.38(0.604)
1116.22 *93*	0.06 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1116.30 *10*	0.70 *5*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
1116.3	0.013	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
1116.4 *1*	†3.5 *4*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1116.42 *16*	0.068 *9*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1116.48 *5*	1.05 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 1116.57 *3*	0.422 *18*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1116.6 *3*	0.20 *3*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1116.60 *5*	1.03 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1116.61 *7*	1.67 *10*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1116.61 *17*	0.133 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1116.63 *5*	1.20 *8*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1116.65 *3*	1.955 *15*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1116.7 *1*	2.8 *7*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1116.7 *8*	†0.08	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
1116.71 *32*	0.09 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1116.77 *10*	15.5 *15*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
1116.77 *15*	0.131 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1116.86 *10*	†1.3 *1*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1116.88 *12*	0.086 *8*	^{97}Nb(72.1 m)	658.08(98), 1024.49(1.09), 1268.68(0.148)
1116.9 *3*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1117.0 *5*	0.044 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1117.0 *4*	3.01 *13*	^{86}Se(15.3 s)	2441.1(43.0), 2660.0(21.6), 48.3(15.4)
1117.0	†1.5 *6*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1117.0	>0.41	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1117.0 *5*	2.7 *7*	^{176}Re(5.3 m)	240.17(48), 109.08(25.0), 848.7(4.0)
1117 *1*	0.32	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1117.0 *10*	0.13 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1117.01 *20*	4.4 *9*	^{80}Zn(0.545 s)	712.53(45.1), 715.40(33.8), 964.93(15.6)
1117.1 *7*	0.07 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1117.1 *2*	0.07 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1117.1 *3*	0.74 *6*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1117.15 *14*	0.00119 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1117.2 *10*	0.22 *11*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1117.297 *10*	0.622 *19*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1117.3 *4*	0.026 *9*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1117.3 *5*	0.47 *12*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
1117.34 *4*	0.073 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1117.4	0.11	^{144}Tb(4.25 s)	743.0(12), 1001.6(7), 959.36(4.7)
1117.4 *5*	0.74 *19*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1117.4 *2*	0.17 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1117.437 *10*	0.039 *6*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1117.437 *10*	4.23 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1117.5	0.106 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1117.5 *7*	0.15 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1117.56 *6*	9.9 *5*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
1117.6 *2*	3.23 *24*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
• 1117.61 *20*	0.030 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1117.64 *3*	0.056 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1117.66 *10*	3.21 *25*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1117.7 *5*	>0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1117.74 *10*	0.201 *20*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1117.75 *24*		^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1117.8 *4*	0.054 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
1117.8 *4*	†0.7 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1117.82 *4*	0.032 *4*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
1117.9 *3*	0.212 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
• 1117.94 *3*	0.052 *7*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
1118.0	1.3	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1118.0 *2*	4.7 *6*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1118 *1*	0.0032 *8*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1118.0 *5*	†12 *6*	^{131}Nd(27 s)	87.8(†100), 174.42(†34), 164.09(†25)
1118	†0.07 *1*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1118.0 *1*	0.013 *3*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
• 1118.0 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1118.0 *6*	†5.9 *10*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1118.1 *5*	3.3 *3*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1118.1 *1*	1.10 *17*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1118.174 *18*	0.0250 *17*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1118.2 *5*	0.36 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1118.2 *3*	0.059 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1118.2 *3*	0.015 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1118.2 *3*	0.082 *24*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1118.2 *3*	0.176 *20*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
• 1118.2 *3*	1.7×10^{-7} *12*	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
• 1118.233 *16*	0.109 *14*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1118.233 *16*	0.53 *12*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1118.233 *16*	2.41 *21*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1118.25 *8*	0.41 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1118.4 *10*	0.20 *4*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
1118.4 *5*	0.8 *2*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1118.4 *8*	†179 *36*	^{177}Re(14 m)	196.85(†1200), 79.65(†1010), 84.3(†890)
1118.44 *10*	0.63 *8*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
• 1118.54 *10*	0.051 *4*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1118.6 *5*	0.11 *4*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1118.6 *6*	0.044 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1118.69 *5*	39.0 *9*	^{90}Kr(32.32 s)	121.82(35.5), 539.49(30.8), 242.19(9.9)
1118.7 *3*	0.24 *6*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
• 1118.77 *13*	0.0082 *14*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
1118.8 *10*	†4.2 *8*	^{181}Os(2.7 m)	144.99(†100), 118.03(†28.3), 1468.0(†1.3)
1118.818 *18*	0.153 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1118.82 *7*	1.14 *6*	^{148}Ba(0.607 s)	56.08(29.20), 133.53(3.88), 415.78(3.59)
1118.84 *17*	†64 *9*	^{193}Hg(3.80 h)	861.11(†100), 789.21(†36), 580.97(†32)
1118.88 *88*	†4 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
• 1118.9 *4*	0.13 *4*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1118.9 *5*	0.040 *10*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1119	>0.16	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1119.0 *3*	0.54 *24*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1119.0 *6*	1.11 *8*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
1119 *1*	0.32	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1119 *1*	0.051 *21*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
• 1119.0 *10*	8.0×10^{-6} *8*	^{233}U(1.592×10^5 y)	42.44(0.0862), 97.134(0.020), 54.699(0.0182)
1119.02 *8*	0.212 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1119.1 *4*	0.141 *25*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1119.1 *3*	0.53 *11*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1119.2 *4*	3.16 *15*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1119.33 *6*	0.107 *6*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1119.4 *3*	0.45 *7*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1119.4 *1*	0.61 *6*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
• 1119.40 *20*	0.179 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1119.4 *1*	0.062 *7*	^{213}Bi(45.59 m)	440.46(26.1), 292.80(0.429), 807.36(0.292)
1119.5	0.13	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1119.6 *7*	0.38 *10*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1119.6 *3*	0.110 *17*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1119.6 *4*	†5 *2*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1119.6 *5*	0.24	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1119.6 *3*	0.14 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1119.68	0.017 *12*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1119.69 *6*	2.18 *22*	^{71}Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
1119.7 *5*	1.68 *20*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
1119.70 *20*	0.061 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1119.7 *5*	†2	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1119.7 *2*	0.55 *3*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
• 1119.780 *13*	0.245 *14*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
1119.8 *2*	0.46 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1119.9	0.11	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1119.9 *2*	0.074 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1119.9 *2*	0.58 *13*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1120.0 *4*	0.073 *21*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1120.0 *3*	0.19 *4*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1120.0	0.11	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1120.0 *10*	0.024 *4*	^{107}Rh(21.7 m)	302.77(66), 392.47(8.8), 312.21(4.8)
1120.0 *3*	>0.26	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1120.0 *4*	0.23 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
• 1120	0.026 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
• 1120		^{210}Bi(3.04×10^6 y)	265.832(50), 304.896(28), 649.42(3.8)
1120.05 *7*	0.24 *4*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1120.1 *3*	0.14 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1120.1 *3*	0.12 *2*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1120.1 *4*	0.7	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1120.11 *5*	0.075 *10*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1120.14 *5*	0.0232 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1120.15 *9*	0.94 *5*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1120.19 *15*	0.072 *9*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1120.2 *1*	1.86 *16*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1120.2 *5*	0.057 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1120.2 *5*	0.14 *4*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1120.287 *10*	14.80 *20*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1238.110(5.86)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1120.3 *15*	>0.32	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
• 1120.3 *4*	0.011 *1*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
• 1120.33 *2*	0.246 *7*	^{166}Ho(1.20×10^{3} y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
• 1120.387 *9*	0.183 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1120.4 *2*	0.07	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1120.4 *6*	0.06	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1120.4 *6*	0.105 *20*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1120.41 *8*	0.95	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1120.42 *25*	0.028 *17*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1120.42 *10*	0.11 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1120.5 *4*	0.83 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1120.53	0.036 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 1120.545 *4*	99.987 *1*	^{46}Sc(83.79 d)	889.277(99.984), 2010(0.000013)
1120.6 *10*	†1.8 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1120.6 *8*	†1.70×10^{3} *13*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1120.8 *3*	0.33 *9*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1120.8 *2*	0.183 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1120.8 *8*	0.088 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1120.8 *5*	0.025 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1120.833 *24*	0.0008 *3*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
1120.89 *10*	0.054 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1120.92 *10*	0.0042 *3*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1120.95 *13*	0.49 *13*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1121 *1*	0.32	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1121.00 *7*	1.50 *8*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1121.1 *2*	0.069 *17*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1121.1 *1*	0.67 *7*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1121.1 *4*	0.14 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1121.1 *7*	0.46 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1121.1 *5*	0.23 *9*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1121.124 *5*	99.5 *9*	^{50}Sc(102.5 s)	1553.768(100), 523.792(88.7), 2205.722(1.27)
1121.2 *5*	0.51	^{121}In(3.88 m)	60.34(20), 1041.1(1.12), 1100.7(0.92)
1121.2 *6*	0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1121.29 *19*	0.157 *10*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1121.30 *10*	0.20 *4*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
• 1121.3007 *5*	34.9 *1*	^{182}Ta(114.43 d)	67.75001(41.2), 1221.4066(26.98), 1189.0503(16.23)
1121.3007 *5*	32	^{182}Re(12.7 h)	67.75001(38.2), 1221.4066(24.8), 1189.0503(15.0)
• 1121.3007 *5*	22.0 *6*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1221.4066(17.4)
1121.4 *10*	0.043 *22*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1121.4 *6*	>1.0	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
• 1121.434 *16*	0.0352 *25*	^{184}Re(38.0 d)	903.279(37.9), 792.071(37.5), 111.208(17.1)
1121.5 *2*	0.10 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1121.5 *6*	†1.05 *15*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1121.6 *3*	0.09 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1121.60 *18*	0.7	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 1121.60 *18*	0.57 *6*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1121.6 *3*	1.19 *18*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
1121.66 *10*	2.1 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1121.68 *3*	61.2 *23*	^{122}In(10.8 s)	1140.55(100), 1001.58(98.4), 103.74(81)
1121.7	0.31 *6*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1121.7 *1*	0.25 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1121.8 *3*	0.82 *11*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1121.9 *5*	0.0681 *10*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1121.9 *3*	1.24 *15*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1121.9 *2*	†1.2 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
1121.9 *3*	0.43 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
• 1121.91 *13*	0.0209 *22*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1122.00 *12*	0.166 *20*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1122 *3*	0.0021 *8*	^{185}Ta(49.4 m)	177.59(25.7), 173.68(22.6), 65.86(3.9)
1122.07	11.9 *20*	^{40}Sc(182.3 ms)	3736.50(100), 754.73(41), 2044.65(25.4)
1122.08 *10*	0.288 *24*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1122.09 *12*	3.34 *6*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1122.1 *6*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1122.1 *1*	†0.45 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1122.15 *4*	0.253 *11*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1122.15 *4*	0.168 *6*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
1122.15 *4*	0.073 *15*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
1122.20 *10*	1.67 *17*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
1122.2 *4*	0.16 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1122.2 *2*	†5.18 *12*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
• 1122.21 *7*	0.154 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1122.3 *3*	0.28	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
1122.32 *10*	0.18 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1122.38 *8*	4.06 *20*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1122.47 *15*	†4.8 *10*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1122.48 *6*	3.95 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1122.5 *3*	5.8 *9*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)
1122.5 *3*	0.34 *7*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
• 1122.5 *3*	0.0157 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1122.53 *7*	0.27 *4*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1122.63 *3*	4.54 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1122.64 *6*	0.099 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 1122.64 *6*	0.4	^{246}Bk(1.80 d)	798.80(61), 1081.40(5.8), 833.60(5.0)
1122.73 *8*	0.35 *2*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1122.8 *5*	0.16 *8*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1122.80 *9*	0.103 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1122.80 *10*	1.102 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1122.8 *3*	0.0007	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
• 1122.855 *15*	0.336 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1122.9 *1*	0.392 *16*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
• 1122.9 *1*	0.90 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1123 *1*	†<5	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1123.09 *16*	5.7 *4*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1123.1 *5*	1.34 *5*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1123.1 *4*	0.10 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1123.1 *2*	†<5	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1123.1 *2*	0.26 *5*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1123.13 *15*	0.39 *5*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
1123.13 *15*	1.2 *2*	^{128}In(0.72 s)	831.54(100), 1168.80(100), 120.54(11.1)
1123.3 *5*	†2.0 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1123.34 *14*	1.78 *8*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1123.37 *15*	0.50 *4*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1123.4 *10*	1.5 *4*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1123.44 *5*	0.44 *4*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1123.47 *8*	0.0150 *23*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1123.5 *6*	0.9 *4*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1123.5 *5*	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1123.6 *7*	0.0007 *5*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1123.6 *2*	9.2 *6*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1123.6 *5*	0.39 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1123.62 *21*	0.50	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1123.7 *12*	0.17 *17*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1123.72 *7*	0.111 *11*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
• 1123.74 *8*	0.0030 *5*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1123.80 *15*	0.020 *4*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 1123.8 *3*	0.032 *7*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
1123.83 *30*	0.194 *6*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1123.87 *50*	0.032	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1123.9 *3*	0.06 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1123.90 *16*		^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1123.90 *16*	0.4 *4*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1123.9 *1*	1.59 *16*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1123.93	0.30	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1124 *1*	1.40 *16*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
1124.0 *5*	0.0011 *8*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
1124 *1*	2.1 *7*	^{98}Cd(9.2 s)	347.18(78), 1176.1(66.3), 107.28(43.7)
1124.00 *3*	3.64 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1124.0 *17*	0.36 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1124 *4*	0.046 *23*	^{193}Au(17.65 h)	186.17(10.1), 255.57(6.7), 268.22(3.9)
1124.1 *7*	0.15 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
• 1124.2	0.0069 *10*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1124.24 *20*	0.123 *15*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1124.29 *4*	0.259 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 1124.29 *4*	4.4	^{246}Bk(1.80 d)	798.80(61), 1081.40(5.8), 833.60(5.0)
1124.4 *5*	0.23 *6*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1124.5 *6*	0.009 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1124.5 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1124.5 *7*	0.14 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1124.6 *1*	†0.32 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1124.6 *4*	0.175 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 1124.65 *30*	0.0381 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1124.73 *8*	0.094 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1124.77 *10*	1.85 *20*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1124.82 *11*	10.9 *5*	^{101}Sr(118 ms)	128.34(18.0), 510.73(8.5), 1211.28(6.1)
1124.9 *3*	1.0 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1124.9 *5*	0.55 *10*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1124.9 *3*	1.0 *4*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
1124.9 *5*	1.18 *6*	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
1124.9 *2*	0.0103 *24*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1124.9 *2*	0.027 *3*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1124.99 *5*	0.118 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1125 *1*	35.2 *19*	^{97}Y(1.17 s)	1103.0(92.6), 161.4(71.8), 1091(56)
1125.0 *3*	0.42 *8*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1125.0 *6*	0.059 *11*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1125.0 *2*	†0.45 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1125.0 *2*	0.21 *4*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
1125 *1*	0.42 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1125.1 *3*	5.3 *6*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1125.10 *6*	0.45 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1125.1 *20*	0.055 *10*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1125.2 *6*	0.11 *3*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1125.2 *3*	0.14 *4*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
1125.20 *8*	2.30 *8*	^{202}Au(28.8 s)	439.59(10.0), 1306.38(2.25), 1203.7(2.01)
1125.2 *1*	0.36 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1125.22 *4*	0.106 *5*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1125.28 *14*	0.040 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1125.3 *5*	0.43 *11*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
1125.3 *3*	25.0 *25*	^{183}Lu(58 s)	1056.8(16.5), 168.1(7.5), 248.4(5.0)
1125.32 *5*	0.030 *4*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1125.4 *10*	0.107 *22*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1125.4 *2*	†100 *15*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
1125.4 *5*	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1125.45 *9*	0.14	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 1125.46 *4*	14.9 *3*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
• 1125.48 *17*	0.213 *10*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
1125.48 *17*	1.46 *16*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
1125.5 *6*	0.0033 *12*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1125.5	0.07	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
• 1125.5 *5*	0.11 *6*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1125.5 *3*	0.22 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 1125.55 *30*	0.0165 *24*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1125.69 *18*	†23.5 *20*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
• 1125.7 *6*	0.014 *4*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
1125.700 *23*	0.0153 *5*	^{110}Ag(24.6 s)	657.7622(4.5), 815.35(0.0382), 818.031(0.0090)
• 1125.700 *23*	0.036 *8*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1125.700 *23*	1.02 *5*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1125.700 *23*	0.20 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1125.7	1.15	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1125.7 *4*	0.0050 *20*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
1125.7 *5*	†3.5×10^3 *6*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1125.8 *2*	0.31 *6*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1125.8 *2*	†19.6 *14*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
1125.90 *20*	0.176 *17*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
• 1125.97 *16*	0.0027 *5*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
1126.0 *1*	0.09 *1*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1126.08	7.60 *12*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
• 1126.08	1.2	^{44}Sc(58.6 h)	1001.85(1.2), 1157.031(1.2)
1126.1 *3*	0.203 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1126.10 *20*	0.69 *20*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
1126.1 *4*	1.40 *12*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1126.1 *1*	0.061 *3*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
1126.1 *3*	0.29 *3*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1126.16	0.0062 *18*	^{33}Cl(2.511 s)	840.989(0.524), 1967.12(0.458), 2867.59(0.440)
1126.3 *3*	0.067 *12*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1126.3 *5*	0.229 *22*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1126.3 *3*	0.00063 *15*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1126.34 *12*	0.163 *20*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1126.4 *2*	†2.64 *16*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1126.48 *16*	†1.9 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1126.5 *4*	0.049 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1126.5 *8*	0.50 *4*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
1126.6 *8*	0.8 *4*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1126.6 *4*	0.35 *9*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1126.62 *10*	0.53 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1126.7 *5*	0.13 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1126.7 *8*	†5.5 *8*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1126.7 *1*	22.1 *14*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1126.78 *15*	0.085 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1126.8 *2*	0.8	^{141}Nd(2.49 h)	1292.6(0.46), 1147.2(0.306), 145.4405(0.239)
1126.8 *1*	1.50 *12*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
1126.8 *3*	0.37	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1126.80 *25*	0.16 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1126.8 *1*	0.30 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1126.8 *1*	†5.3×10^2 *13*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1126.807 *25*	0.0718 *21*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1126.9 *3*	0.40 *11*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1126.96 *14*	0.060 *4*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1126.965 *21*	0.424 *19*	^{96}Nb(23.35 h)	778.224(96.45), 568.80(58.0), 459.88(26.62)
• 1126.965 *21*	15.2 *12*	^{96}Tc(4.28 d)	778.224(100), 849.929(98), 812.581(82)
1127.0 *8*	0.34 *8*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1127.0 *2*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1127.01 *12*	1.46 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 1127.1 *6*		^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1127.1 *3*	0.48 *11*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1127.11 *7*	0.207 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1127.3 *5*	0.12 *4*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1127.32 *10*	1.2	^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
1127.44 *11*	0.32 *5*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1127.5 *4*	†1.57 *9*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1127.5 *2*	0.25 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1127.59 *10*	0.17	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 1127.69 *4*	0.084 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1127.7 *2*	0.140 *16*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1127.8	0.43	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
1127.8 *3*	0.066 *25*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1127.81 *52*	†0.8 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1127.81 *8*	0.59 *5*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1127.9	0.14	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1127.9 *3*	0.13 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 1127.96 *6*	1.26 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1128.0 *3*	0.31 *9*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1128.00 *6*	0.404 *6*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1128.00 *6*	13.7 *9*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
1128.00 *6*	0.0721 *25*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
• 1128.00 *6*	11.8 *5*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1128.0 *2*	0.24 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1128.1 *3*	5.4 *8*	^{52}Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
1128.1 *4*	0.164 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 1128.1 *2*	0.0436 *6*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1128.1	0.18 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1128.2 *3*	1.41 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1128.2 *4*	0.18 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1128.28 *21*	0.53 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1128.3 *3*	†5	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
• 1128.33 *15*	0.063 *7*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1128.34 *9*	0.65 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1128.4 *3*	0.52 *7*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1128.42 *7*	0.064 *3*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1128.44 *8*	50 *6*	^{129}Sn(6.9 m)	1161.31(56.0), 760.8(16.8), 782.48(15)
1128.5 *3*	0.31 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1128.52 *16*	†6.3 *8*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
• 1128.558 *7*	0.320 *4*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1128.558 *7*	1.58 *12*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1128.558 *7*	0.18 *6*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1128.56 *11*	0.0031 *8*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1128.6 *3*	2.0 *3*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1128.6 *8*	1.0 *4*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1128.6 *3*	0.042 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1128.6	†6.3	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1128.6 *8*	0.068 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1128.7 *4*	0.012 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1128.74 *25*	0.027 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1128.8 *2*	0.027 *3*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1128.8 *5*	0.011 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1128.8 *2*	2.37 *17*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1128.89 *13*	1.03 *11*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1128.895 *14*	0.18 *4*	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
1128.9 *1*	11.1 *13*	^{62}Co(1.50 m)	1172.9(84), 2301.8(14.7), 1985.13(1.6)
1128.9 *1*	1.28 *17*	^{62}Co(13.91 m)	1172.9(97), 1163.4(67.3), 2003.48(18.4)
1128.9 *1*	0.0324 *17*	^{62}Cu(9.74 m)	1172.9(0.34), 875.68(0.150), 2301.8(0.0414)
1128.98 *11*	0.209 *21*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1129.0 *2*	0.17 *6*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1129 *1*	0.171 *23*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1129.118 *11*	0.446 *19*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1129.2 *4*	†100	^{107}Sn(2.90 m)	678.5(†100), 1540.6(†30), 1001.3(†29)
1129.2 *1*	0.078 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1129.2 *9*	0.287 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1129.224 *15*	92.7 *4*	^{90}Nb(14.60 h)	2318.968(82.03), 141.178(66.8), 2186.242(17.96)
1129.3 *4*	0.016 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1129.3 *5*	0.014 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1129.3 *3*	0.22 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1129.3 *4*	†0.48 *9*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1129.32 *9*	0.075 *15*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
• 1129.37 *5*	0.0057 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1129.4 *3*	†2.5 *12*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
1129.4 *3*	0.22	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
• 1129.41 *10*	0.135 *6*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 1129.41 *10*	0.169 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1129.5 *8*	2.5	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1129.5 *4*	0.0120 *17*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1129.5 *4*	0.38 *4*	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
1129.6 *4*	0.8 *2*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1129.6 *3*	†0.86 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1129.65	5.3 *3*	^{26}Na(1.072 s)	1808.63(99.0), 2541.2(2.5), 1895.8(2.2)
• 1129.65	2.4 *2*	^{26}Al(7.4×10^5 y)	1808.63(99.73), 2938.20(0.27)
1129.65 *5*	1.6	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1129.7 *1*	0.0044 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1129.7 *2*	0.047	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1129.7 *2*	0.48 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1129.7 *5*	0.20 *9*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1129.71 *17*	0.0120 *21*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1129.8 *6*	0.11 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1129.8 *1*	0.024 *3*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1129.8 *3*	2.28 *9*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1129.8 *3*	1.1 *11*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
• 1129.853 *16*	0.126 *14*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1129.853 *16*	4.59 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1129.9 *3*	98 *5*	^{54}Co(1.48 m)	1408.1(100), 411.4(97)
1129.9 *3*	1.41 *13*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
1129.9 *1*	0.0073 *3*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
1129.9 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1129.9 *2*	0.168 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
• 1130 *1*	0.018 *14*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1130 *1*		^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1130.0 *3*	0.47	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1130.06 *10*	0.33 *3*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
1130.1 *3*	0.062 *8*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
1130.12 *16*	0.191 *21*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1130.16 *7*	†4.37 *9*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
1130.2 *3*	0.074 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1130.2 *4*	0.015 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1130.2 *5*	0.050 *8*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1130.224 *23*	2.29 *7*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1130.3 *6*	†1.25 *15*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1130.3 *3*	†12.3 *13*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
• 1130.41 *15*	0.0399 *24*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1130.49 *21*	0.41 *7*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1130.5 *6*	0.09 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1130.5 *2*	63 *4*	^{123}In(5.98 s)	1019.7(32), 618.8(2.6), 845.5(1.3)
1130.6 *3*	1.69 *19*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
1130.6 *5*	0.47 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1130.6 *1*	†3.5 *4*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1130.6 *1*	1.66 *17*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
1130.6 *4*	3.3 *4*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1130.7 *3*	0.0131 *25*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1130.70 *6*	0.91 *4*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1130.8 *4*	0.044 *11*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1130.89 *11*	0.00036 *9*	^{135}La(19.5 h)	480.51(1.5), 874.51(0.164), 587.83(0.1108)
• 1130.9 *1*	6.4 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1130.95 *10*	1.06 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1131.0 *4*	0.035 *7*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1131.0 *3*	0.117 *16*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1131.0 *2*	0.30 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1131 *2*	<0.2	^{123}In(5.98 s)	1130.5(63), 1019.7(32), 618.8(2.6)
1131.0 *6*	0.17 *4*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1131.0 *5*	†2.9 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1131.0 *2*	0.062 *5*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1131.1 *3*	3.6 *9*	^{140}Gd(15.8 s)	174.8(76), 749.9(70), 379.0(38)
1131.2 *2*	†6.8 *10*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
• 1131.262 *28*	1.73 *8*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
1131.30 *43*	†1.6 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1131.5 *3*	0.21 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1131.51 *20*	0.161 *22*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1131.511 *18*	22.74 *14*	^{135}I(6.57 h)	1260.409(28.90), 1678.027(9.62), 1457.56(8.73)
1131.52 *14*	0.87 *6*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1131.56 *20*	0.042 *5*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
1131.6 *2*	0.064 *18*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1131.62 *15*	0.031 *4*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
1131.64 *5*	68 *6*	^{124}In(3.17 s)	3214.15(21.5), 997.79(21.1), 1470.70(6.0)
1131.64 *5*	100 *8*	^{124}In(2.4 s)	969.94(52), 1072.85(47), 102.91(45)
1131.65 *7*	0.79 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1131.70 *30*	0.306 *20*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1131.7 *3*	0.118 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1131.7 *6*	0.73 *20*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1131.7 *3*	0.23 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1131.72 *6*	0.45 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1131.8	0.41	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1131.872 *25*	0.242 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1131.88 *7*	0.0109 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1131.9 *8*	0.18 *11*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1131.9 *4*	1.3 *3*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1131.9 *4*	0.09 *3*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
1132.0 *6*	0.143 *24*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1132.0 *6*	0.12 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1132.0 *5*	0.076 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1132	0.0019 *4*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
• 1132.05 *7*	0.12 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1132.2 *3*	0.059 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1132.2 *3*	1.34 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1132.2 *5*	0.014 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1132.2 *3*	0.12	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1132.24 *8*	0.243 *15*	^{92}Y(3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
• 1132.24 *8*	0.005	^{92}Nb(10.15 d)	934.46(99), 912.73(1.78), 1847.27(0.85)
1132.35 *3*	0.090 *4*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
1132.35 *4*	0.0838 *20*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
1132.4 *1*	0.055 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
• 1132.4 *4*	0.0050 *25*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 1132.4 *2*	0.010 *3*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
1132.4 *2*	0.88 *10*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
1132.49 *11*	0.095 *9*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
• 1132.5 *4*	0.028 *10*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1132.50 *20*	0.16 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1132.55 *10*	0.102 *18*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1132.55 *23*	0.041 *9*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 1132.570 *10*	0.0856 *10*	^{115}Cd(44.6 d)	933.8(2.000), 1290.580(0.890), 484.470(0.290)
1132.58 *20*	0.22 *7*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1132.6 *3*	0.92 *11*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1132.7 *4*	0.66 *16*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1132.7 *3*	0.202 *22*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1132.8 *3*	0.08	^{83}Zr(44 s)	55.55(8), 104.97(5.70), 475.1(5.1)
1132.8 *1*	0.0219 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1132.8 *3*		^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1132.80 *3*	0.0194 *10*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1132.80 *3*	0.69 *9*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
• 1132.86	0.067 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1132.90 *10*	0.155 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1132.96 *9*	0.55 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1133 *2*		^{13}O(8.58 ms)	3502, 2364.7
1133	0.4 *3*	^{25}Ne(602 ms)	89.53(95.5), 979.77(18.1), 1069.30(2.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1133	33000	^{135}Xe(15.29 m)	786.836(†490000), 1358(†22000), 1192.2(†4400)
1133 *1*	0.15	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1133.1 *4*	0.18	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1133.1 *4*	0.17	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
• 1133.11 *7*	0.69 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1133.12 *8*	0.0467 *22*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1133.16 *5*	0.86 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1133.3 *10*	0.297 *25*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1133.3 *2*	1.74 *6*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1133.3 *5*	†1.9 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1133.4 *6*	0.0021 *9*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1133.4 *3*	0.22 *9*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1133.4	0.6	^{144}Tb(1 s)	743.0(21), 1143.9(4.0), 1719.1(1.7)
1133.4 *4*	†5.0 *15*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1133.4 *3*	0.217 *13*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 1133.44 *5*	0.187 *16*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1133.5 *4*	0.19 *4*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1133.5 *2*	0.110 *24*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1133.5 *3*	5.9 *6*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1133.6 *6*	0.24	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
• 1133.60 *10*	1.03 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1133.66 *3*	0.28 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1133.7 *4*	†0.19 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1133.73 *21*	0.81 *9*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
• 1133.77 *20*	0.429 *25*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
1133.8 *2*	0.140 *16*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1134 *1*	>0.038	^{162}Ho(15.0 m)	80.660(8.0), 1319.3(3.8), 1372.8(0.81)
1134.08 *5*	0.185 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1134.2 *5*	0.4 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
• 1134.2 *4*	0.010 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1134.3 *3*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1134.44 *6*	0.21 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1134.5 *3*	>0.38	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1134.5 *4*	0.12 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1134.55 *18*	†21 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1134.6 *3*	†2.5 *3*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1134.6 *5*	0.017 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1134.6 *3*	0.089 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1134.77 *10*	0.0275 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1134.8 *4*	0.22 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1134.88 *15*	0.33 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1135.0 *3*	6.8 *10*	^{52}Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
1135.0 *3*	0.22 *4*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1135.0 *2*	†5.2 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1135.04 *8*	7.8 *4*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 720.24(6.5)
• 1135.1		^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1135.1 *3*	0.049 *3*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
1135.2 *10*	0.012 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1135.2 *2*	0.80 *15*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1135.2 *3*	1.60 *11*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1135.2 *2*	2.2 *5*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
1135.2 *4*	0.00038 *8*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1135.2 *3*	0.21 *3*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1135.24 *15*	0.0101 *16*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1135.28 *9*	0.34 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1135.3 *1*	1.18 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1135.3 *5*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1135.4 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1135.60 *25*	0.55 *11*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
1135.68 *11*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1135.68 *11*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1135.70 *10*	2.0 *2*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1135.8 *1*	0.124 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1135.81 *7*	0.66 *6*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1135.85 *12*	0.080 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1135.9 *3*	0.067 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1135.94 *9*	0.0021 *8*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1135.96 *4*	3.28 *16*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1136.0		^{80}Ge(29.5 s)	265.36(27.0), 110.4(6.5), 1564.3(4.9)
1136 *1*	0.0042 *8*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1136.0 *1*	0.0202 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1136.0 *3*	1.87 *18*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1136.00 *2*	3.01 *14*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
• 1136.00 *2*	0.476 *13*	^{132}Cs(6.479 d)	667.718(98), 630.19(0.95), 505.79(0.73)
1136 *1*	0.42 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
• 1136.0 *6*	0.009 *4*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1136 *1*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1136 *2*	†1.3	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
1136.06 *30*	0.043	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1136.1 *3*	0.077 *14*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
• 1136.1	0.0074 *10*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1136.160 *35*	9.2 *5*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1136.4 *4*	0.0116 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1136.45 *15*	0.127 *10*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1136.46 *9*	1.03 *5*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1136.5 *4*	†11	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1136.5 *20*	0.26 *4*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1136.5 *3*	0.068 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1136.56 *6*	0.0046 *11*	^{205}Hg(5.2 m)	203.750(2.2), 415.70(0.0130), 1218.96(0.0062)
1136.58 *8*	0.201 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1136.6	0.11	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1136.6	0.026 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1136.63 *11*	0.200 *14*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
• 1136.75 *7*	7.66 *7*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1136.77 *20*	0.194 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1136.8	0.037 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1136.8 *3*	0.37 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1136.81 *14*	1.04 *8*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1136.85 *19*	0.43	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 1136.85 *19*	0.23 *3*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1136.87 *12*	7.0 *7*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1136.88 *6*	12.3 *14*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1137.0 *2*	0.145 *12*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1137 *1*	0.12 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1137.0 *3*	0.18 *3*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1137.0 *4*	0.14	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1137.0 *5*	5.5 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1137.0 *4*	0.0140 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1137.0 *4*	0.0073 *20*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
• 1137.05 *30*	0.157 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1137.07 *4*	0.68 *3*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1137.09 *10*	2.14 *20*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1137.10 *10*	0.374 *20*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1137.1 *1*	1.30 *5*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1137.14 *3*	1.12 *25*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1137.2 *2*	0.038 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1137.2 *2*	†1	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1137.2 *4*	0.023 *8*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1137.24 *5*	3.88 *20*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1137.28 *11*	0.0170 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1137.3 *10*	0.21 *9*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1137.3 *5*	0.28 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1137.3 *10*	0.23 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1137.3 *5*	0.010	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
1137.34 *15*	†0.65 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
• 1137.357 *16*	0.00042 *21*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1137.4 *7*	0.17 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1137.45 *35*	0.128 *14*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 1137.5 *5*	0.0029	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1137.5 *3*	0.013 *9*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
1137.5 *7*	0.22 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1137.52 *10*	0.36 *5*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1137.6 *7*	0.48 *16*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1137.6 *5*	0.3 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1137.6 *2*	†19.8 *14*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 1137.66 *13*	0.042 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1137.7 *1*	0.120 *9*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1137.7 *10*	0.16 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1137.74 *30*	0.19 *9*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
1137.8 *2*	0.057 *18*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1137.9	0.30	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1137.9 *1*	0.0187 *12*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1138.0 *3*	0.20 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1138.0 *5*	0.027 *8*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1138.0 *3*	†0.24 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1138.0 *3*	0.21 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1138 *3*	0.008 *3*	^{185}Ta(49.4 m)	177.59(25.7), 173.68(22.6), 65.86(3.9)
1138.1 *3*	1.8	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1138.1 *4*	0.16 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1138.1 *2*		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1138.2 *5*	0.65 *17*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1138.2 *4*	0.29 *15*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1138.229 *26*	0.300 *8*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1138.26 *8*	0.000234 *15*	^{176}Lu(3.635 h)	88.34(0.55640), 1159.28(0.00139), 1061.61(0.000762)
1138.26 *8*	0.7	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1138.27 *17*	0.34 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1138.3 *3*	0.178 *23*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1138.40 *30*	0.47 *15*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
• 1138.4 *5*	0.0014 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1138.4 *4*	†0.15 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1138.5 *5*	0.012 *6*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1138.5 *3*	0.94 *19*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1138.5 *4*	20.5 *9*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
1138.5 *5*	0.042 *7*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1138.6 *9*	0.38 *23*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
• 1138.65 *10*	0.358 *11*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1138.7 *3*	1.5 *6*	^{140}Pm(9.2 s)	773.74(5.0), 477.1(2.6), 1204.8(1.9)
1138.71 *15*	2.09 *20*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
• 1138.80 *10*	0.070 *4*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1138.88 *10*	6.0 *4*	^{94}Y(18.7 m)	918.74(56), 550.88(4.9), 1671.41(2.46)
1138.9 *3*	†4.2 *2*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1138.9 *1*	0.81 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1139.0 *2*	0.062 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1139 *1*	0.0013 *4*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1139.0 *5*	0.014 *6*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1139.00 *20*	0.076 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1139.1	†4.1	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1139.1 *7*	0.24 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1139.14 *36*	0.055 *10*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1139.17 *18*	0.193 *17*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1139.20 *29*	1.4 *3*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1139.2 *2*	0.23 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1139.2 *10*	0.17 *4*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1139.2 *6*	0.20 *6*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1139.2 *3*	1.45 *5*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
• 1139.28 *5*	0.091 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1139.3		^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
1139.35 *10*	6.1 *4*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1139.4 *2*	0.196 *17*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1139.43 *3*	0.088 *8*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
• 1139.461 *19*	0.800 *4*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1139.48 *5*	0.56 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1139.5	0.035 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1139.5 *1*	0.040 *6*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1139.6 *7*	0.06 *4*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
• 1139.6 *5*	0.019 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1139.7 *2*	6.49 *44*	^{48}Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
1139.7 *4*	0.044 *9*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1139.7 *3*	†0.40 *4*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1139.7 *4*	†0.36 *12*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1139.8 *1*	1.10 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1139.9 *5*	0.21 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1139.9 *2*	2.4 *5*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
1139.9 *5*	†0.8 *3*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
1139.95 *8*	0.20 *3*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1140.0 *4*	0.163 *19*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
1140.06 *11*	1.89 *18*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1140.079 *23*	0.0103 *5*	^{128}I(24.99 m)	442.901(17), 526.557(1.58), 969.458(0.404)
1140.079 *23*	1.168 *11*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 969.458(0.630)
1140.1 *6*	0.18 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1140.2 *1*	†212 *18*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
1140.2 *3*	0.12 *4*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1140.2 *2*	0.41 *3*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1140.2 *2*	10 *1*	^{151}Tm(4.13 s)	801.6(73), 2115.8(13), 1548.6(10)
1140.2 *3*	0.115 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1140.2 *3*	0.038 *6*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1140.3 *4*	1.00 *17*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
1140.3 *4*	0.78 *13*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1140.3 *1*	0.018 *8*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1140.36 *5*	0.00134 *8*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
1140.37 *14*	0.34 *5*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1140.38 *9*	2.61 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 1140.404 *21*	0.150 *10*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1140.47 *20*	0.54 *8*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1140.50 *6*	0.89 *5*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1140.50 *6*	0.046 *3*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1140.5 *2*	1.9 *16*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
1140.50 *7*	1.0 *7*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1140.5 *3*	0.80 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1140.5 *1*	0.56 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 1140.51 *5*	0.283 *6*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1140.55 *3*	29 *3*	^{122}In(1.5 s)	2759.13(3.1), 1013.34(2.7), 2065.62(1.97)
1140.55 *3*	98 *3*	^{122}In(10.3 s)	1001.58(50.7), 1190.58(20.5), 1163.61(15.4)
1140.55 *3*	100 *10*	^{122}In(10.8 s)	1001.58(98.4), 103.74(81), 163.48(66)
• 1140.55 *3*	0.7	^{122}Sb(2.70 d)	
1140.59 *26*	0.11 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1140.60 *9*	0.176 *20*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1140.7 *11*	0.012 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
• 1140.711 *9*	0.2368 *21*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1140.711 *9*	1.39 *12*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1140.711 *9*	2.3 *3*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
1140.75 *4*	0.0010 *4*	^{205}Hg(5.2 m)	203.750(2.2), 415.70(0.0130), 1218.96(0.0062)
1140.78 *9*	0.096 *5*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
1140.79 *20*	1.65 *13*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
1140.8 *1*	0.127 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1140.8 *3*	0.115 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1140.9 *4*	0.07 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1140.9 *3*	†0.8 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1140.9 *2*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1141.0 *10*	0.41 *5*	^{98}Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
1141 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
• 1141.0 *5*	0.024 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1141	0.050 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1141 *2*	†1.8	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
1141.11 *5*	55.9 *40*	^{126}In(1.60 s)	3344.61(21.6), 969.61(14.9), 3886.82(4.7)
1141.11 *5*	100 *7*	^{126}In(1.64 s)	908.58(99), 111.79(88), 1636.50(29.6)
1141.2 *2*	†2.5 *5*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1141.2 *2*		^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1141.26 *15*	5.3 *3*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
• 1141.30 *20*	0.511 *16*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1141.3 *1*	0.33 *3*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1141.33 *6*	1.28 *3*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1141.4 *4*	2.0 *4*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1141.44 *5*	0.153 *23*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1141.5 *41*	0.10 *8*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
• 1141.6 *8*	0.37 *7*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
1141.6 *4*	2.0 *8*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
1141.6 *2*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
1141.6 *2*	†10.0 *20*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1141.6 *3*	0.22 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1141.64 *9*	0.51 *3*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1141.7 *8*	4.0 *3*	^{65}Co(1.20 s)	310.6(2.90), 963.7(2.6), 1210.9(1.62)
1141.7 *3*	0.77 *19*	^{128}Sb(10.4 m)	753.82(96.4), 743.22(96), 314.12(89)
1141.7 *5*	4.0 *14*	^{172}Ho(25 s)	133.6(36), 178.0(23), 757.2(18)
1141.77 *8*	0.0026 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1141.8 *3*	2.01 *14*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1141.9 *5*	0.58 *10*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
1141.91 *11*	0.0346 *21*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
• 1141.96 *10*	0.041 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1142.0 *2*	1.5 *4*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1142.0 *3*	0.0042 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1142.0 *4*	0.19 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1142.0 *5*	6	^{146}La(10.0 s)	258.47(93), 409.86(81), 514.75(31)
1142.0 *5*	7.0 *4*	^{164}Ta(14.2 s)	211.05(74), 376.8(22), 605.0(14)
1142.02 *2*	5.6 *6*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1142.2 *3*	0.14 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1142.2 *3*	0.037 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1142.2 *2*	0.153 *13*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1142.2 *1*	0.111 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1142.2 *5*	0.07 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1142.25 *17*	†1.06 *8*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1142.3 *10*	0.10 *3*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1142.3 *2*	0.33 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1142.35 *7*	2.79 *14*	^{92}Sr(2.71 h)	1383.93(90), 953.31(3.52), 430.49(3.28)
• 1142.37 *10*	0.111 *5*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1142.4 *7*	0.12 *6*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1142.43 *3*	1.67 *11*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1142.45 *3*	0.1092 *25*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1142.5 *12*	0.36	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1142.5 *3*	3.5 *4*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
1142.5 *3*	3.0 *3*	^{190}Tl(2.6 m)	416.4(79), 625.4(11.1), 683.5(8.7)
1142.51 *5*	0.81 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
• 1142.52 *10*	0.37 *7*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1142.58 *12*	0.31 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1142.58 *12*	†172	^{94}Rb(2.702 s)	432.61(†9000), 213.429(†6000), 986.05(†4100)
1142.6 *5*	0.15 *5*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1142.7 *10*	0.033 *12*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1142.70 *20*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1142.7 *4*	0.92 *12*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1142.7 *4*	0.081 *18*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
1142.70 *17*	0.42 *4*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1142.74 *9*	1.33 *22*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1142.8 *2*	0.27 *7*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1142.85 *15*	0.0106 *21*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1142.9 *3*	0.026 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1143.0 *3*	0.72 *18*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1143.0 *4*	>2.5×10^{-5}	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
1143.0 *4*	0.051 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1143 *2*	0.04 *3*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
• 1143.020 *15*	0.029 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1143.1 *5*	0.176 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1143.15 *12*	0.00198 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1143.2 *6*	0.23 *5*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1143.3 *2*	1.35 *6*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1143.4 *5*	1.5 *9*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1143.44 *8*	0.054 *5*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1143.5 *3*	0.14 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1143.5 *8*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1143.6 *2*	1.6 *4*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1143.80	0.10	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1143.84 *15*	1.12 *23*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1143.9	4.0	^{144}Tb(1 s)	743.0(21), 1719.1(1.7), 1483.5(1.0)
1143.94 *15*	0.031 *9*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1144	0.15	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1144 *1*	0.0029	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
1144.09 *9*	0.29 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1144.1 *3*	0.41 *10*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1144.1 *5*	1.1 *3*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1144.13 *6*	0.033 *20*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1144.16 *14*	0.026 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1144.2 *3*	0.080 *10*	^{71}Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
1144.2 *4*	1.55 *15*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1144.2 *4*	>0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1144.22 *29*	0.76 *25*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
• 1144.24 *15*	0.0149 *19*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1144.27 *20*	0.50 *8*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1144.3 *3*	†1.05 *19*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1144.4 *1*	0.0220 *12*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1144.449 *18*	0.18 *3*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
1144.5 *5*	0.11 *3*	^{49}Ca(8.715 m)	3084.4(92), 4071.9(7.0), 1408.9(0.63)
1144.5 *2*	3.3 *3*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
1144.5 *5*	0.49 *12*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1144.52 *5*	8.5 *9*	^{98}Rh(3.5 m)	652.43(96), 745.36(78), 761.84(<8)
• 1144.65 *4*	0.00108 *5*	^{121}Te(154 d)	1102.149(2.54), 37.138(0.94), 998.291(0.0796)
• 1144.65 *20*	0.323 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1144.7 *2*	0.41 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1144.70 *30*	0.014 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1144.70 *18*	†3.1 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1144.75 *15*	8.2 *6*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1144.9 *3*	0.80 *9*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1144.959 *17*	1.67 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1144.959 *17*	0.0177 *14*	^{78}Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
1145.0 *10*	0.32 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1145 *2*	0.059 *15*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1145 *1*	3.9 *10*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1145 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1145.0 *3*	0.22 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1145.0 *5*	0.35 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1145.1 *3*	0.25 *5*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1145.1 *2*	8.7 *3*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
1145.1 *3*	0.61 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1145.20 *15*	0.27 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1145.20 *18*	†1.8 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1145.2 *2*	0.103 *13*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
1145.3 *5*	0.71 *17*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1145.32 *3*	0.0579 *14*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1145.33 *30*	0.109 *16*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1145.34 *6*	0.24 *3*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1145.4	0.11	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1145.43 *8*	0.00017 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1145.44 *18*	0.132 *19*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1145.44 *13*	0.3 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1145.47 *4*	0.010 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1145.49 *22*	1.7 *4*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
1145.5 *2*	0.059 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1145.5 *3*	†0.27 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1145.50 *18*	0.00089 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1145.6	†2.6	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1145.6 *3*	0.057 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1145.6 *5*	0.96 *9*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
1145.7 *3*	0.34 *7*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1145.70 *15*	0.31 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1145.8 *8*	0.51 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
• 1145.80 *20*	0.408 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1145.8 *4*	†4.2 *8*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1145.9	†0.25 *6*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
1145.9 *1*	0.074 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1146.0 *3*	0.29 *6*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1146.0 *15*	0.058 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1146.1 *2*	0.85 *5*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1146.1 *3*	0.14 *5*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
1146.2 *6*	0.16 *4*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1146.2 *1*	0.0025 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1146.2 *5*	0.6 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1146.3 *6*	0.15 *4*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1146.3 *4*	0.012 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1146.3	0.36 *5*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
1146.3 *5*	0.36 *5*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
1146.4 *2*	0.31	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1146.4 *6*	0.88 *20*	^{72}Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
1146.4 *9*	0.48 *25*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1146.4 *5*	0.35 *6*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1146.4 *3*		^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1146.4 *5*	4.50 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1146.54 *25*	0.17 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1146.67 *3*	0.0126 *6*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1146.67 *3*	0.20 *3*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
1146.7 *4*	0.143 *17*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1146.7 *3*	0.0076 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1146.72 *11*	0.65 *7*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
• 1146.805 *14*	1.96 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 1146.84 *3*	0.202 *4*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
1146.9 *4*	0.10 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1146.9 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1146.90 *35*	0.107 *14*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 1146.92 *13*	0.073 *14*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1146.96 *25*	0.015 *5*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1146.96 *25*	0.030 *4*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1146.96 *1*	4.95 *3*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 492.66(4.826)
• 1146.97 *4*	0.015 *4*	^{47}Ca(4.536 d)	1297.09(74), 489.23(6.5), 807.86(6.5)
• 1146.998 *9*	0.00058 *21*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1147		^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1147.0	0.028 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1147 *3*	0.008 *3*	^{185}Ta(49.4 m)	177.59(25.7), 173.68(22.6), 65.86(3.9)
• 1147.1 *2*	0.132 *14*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
1147.1 *10*	0.21 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1147.2 *15*	0.022	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1147.2 *3*	0.96 *17*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1147.2 *2*	0.306 *12*	^{141}Nd(2.49 h)	1126.8(0.8), 1292.6(0.46), 145.4405(0.239)
1147.2 *5*	0.18 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1147.228 *15*	0.123 *10*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 1147.228 *15*	0.12 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1147.3 *3*	0.156 *23*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1147.3 *4*	0.35 *8*	^{63}Ga(32.4 s)	637.04(11), 627.10(10.3), 192.94(5.7)
1147.3 *5*	0.134 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
• 1147.33 *10*	1.28 *3*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1147.36 *15*	0.073 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1147.4 *2*	†2.7 *9*	^{114}Cs(0.57 s)	449.7(†100), 698.2(†11.8), 618.3(†5.0)
1147.4 *5*	0.047 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1147.57 *15*	0.70 *9*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1147.6 *3*	4.2	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
1147.6 *1*	1.36 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1147.69 *6*	7.9	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1147.7	0.35	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1147.8 *5*	0.27 *5*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1147.8 *5*	0.015 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1147.8 *7*	0.6	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
1147.8 *10*	0.31 *18*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
1147.84 *10*	20.5 *1*	^{156}Pm(26.70 s)	173.75(52.0), 117.42(13.8), 267.32(13.3)
1147.87 *5*	7.91 *8*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1147.87 *5*	7.75 *12*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1147.9 *5*	1.7 *3*	^{90}Tc(49.2 s)	1054.3(100), 948.1(100), 944.7(36.6)
1147.9 *4*	0.009 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1147.9 *3*	0.089 *24*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1147.9 *1*	0.394 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1147.97 *8*	2.61 *10*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 355.40(2.09)
• 1148.0 *6*	0.05 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1148 *1*	†1.6 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1148.01 *26*	0.078 *3*	^{51}Mn(46.2 m)	749.07(0.26), 1164.40(0.076), 2001.1(0.0371)
1148.03 *4*	9.15 *12*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 284.53(8.14)
1148.05 *14*	0.078 *6*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1148.1 *6*	0.023 *9*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1148.12 *15*	0.0061 *13*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1148.18 *8*	1.53 *9*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1148.18 *8*	†5×10^{02}	^{94}Rb(2.702 s)	432.61(†9000), 213.429(†6000), 986.05(†4100)
1148.29 *9*	5.72 *10*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
1148.3	†75	^{130}Ce(25 m)	1072.6(†100), 997.7(†100), 920.5(†100)
1148.3 *3*	>0.21	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1148.3 *2*	0.046 *8*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 1148.4 *3*	0.012 *3*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1148.4 *4*	0.11 *3*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1148.4 *6*	0.10 *5*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1148.49 *13*	0.00054 *18*	^{19}O(26.91 s)	197.142(95.9), 1356.843(50.4), 109.894(2.71)
1148.5 *10*	0.039 *4*	^{107}Rh(21.7 m)	302.77(66), 392.47(8.8), 312.21(4.8)
1148.5 *1*	4.5 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1148.5 *2*	1.16 *6*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
• 1148.5 *3*	0.014 *6*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1148.51 *6*	0.110 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1148.56 *10*	0.194 *20*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1148.6 *3*	0.049 *10*	^{97}Nb(72.1 m)	658.08(98), 1024.49(1.09), 1268.68(0.148)
1148.6 *4*	0.56 *8*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
1148.6 *5*	1.8 *3*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1148.62 *6*	0.0183 *15*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1148.7 *1*	0.498 *18*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
1148.7 *1*	0.142 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1148.75 *8*	0.76 *5*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1148.8 *3*	0.78 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1148.83 *3*	0.042 *14*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1148.89 *7*	0.062 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
• 1148.89 *7*	<0.6	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
• 1148.89 *7*	2.0 *4*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1148.9 *4*	4.3 *4*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 426.25(4.12)
1148.9 *1*	0.056 *3*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1148.9 *4*	0.226 *14*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1149.07 *23*	1.1 *4*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
• 1149.10 *15*	0.38 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1149.1 *7*	0.06 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1149.18 *15*	†6 *1*	^{160}Eu(38 s)	173.19(†100), 513.6(†60), 412.56(†56)
1149.2 *3*	0.140 *17*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1149.4 *20*	0.30 *12*	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
1149.4 *8*	†5.2 *23*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1149.4 *7*	†1.1 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1149.50 *16*	0.0189 *25*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1149.56 *21*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1149.58 *2*	0.669 *25*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
• 1149.6 *5*	0.043 *7*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1149.66 *13*	0.98 *16*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1149.7 *7*	0.07 *3*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1149.76 *9*	0.0157 *6*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1149.76 *9*	0.53 *10*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1149.8 *2*	†6	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1149.8 *2*	0.65 *3*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
1149.83 *7*	7.6 *6*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 628.03(6.7)
1149.9 *2*	2.28 *20*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1149.94 *9*	0.0119 *6*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1150		^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
1150.0 *1*	†1.71×10^{3} *19*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1150.08 *8*	0.0231 *23*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1150.1 *3*	0.70 *12*	^{98}Pd(17.7 m)	112.0(58), 662.2(19.7), 106.75(13.9)
1150.1 *4*	0.22 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1150.20 *20*	0.00306 *20*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1150.258 *3*	0.194 *4*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1150.3 *10*		^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1150.3 *4*	1.06 *17*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1150.35 *10*	0.20	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1150.38 *13*	0.46 *4*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1150.4 *2*	0.54 *12*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1150.4 *3*	†2.3 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1150.50 *8*	0.0101 *7*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1150.6 *5*	0.234 *22*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1150.6 *3*	0.22 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1150.64 *13*	0.070 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 1150.65 *17*	2.08 *6*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1150.7 *15*	0.13 *7*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1150.7 *3*	0.23 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1150.7 *2*	4.1 *6*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1150.7 *2*	0.86 *11*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1150.7 *7*	>0.19	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
• 1150.7 *2*	2.08 *6*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1150.7 *5*	0.034 *9*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
1150.71 *9*	0.40 *6*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1150.76 *4*	0.597 *20*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1150.76 *4*	1.37 *8*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1150.79 *10*	0.037 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1150.8 *5*	0.34 *12*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1150.81 *6*	0.42 *21*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1150.9 *2*	0.049 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
• 1150.90 *9*	0.86 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1150.9 *3*	0.21 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1150.9 *3*	0.0153 *6*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
1150.9 *2*	†2.2 *2*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
1151.0 *10*	†3	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
1151.0 *3*		^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
1151.0 *3*	0.35 *7*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
• 1151 *1*	0.05 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1151.0 *2*	0.0147 *20*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1151.1 *6*	0.029 *19*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1151.1 *4*	0.45 *12*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1151.15 *8*	13.2 *10*	^{80}Zn(0.545 s)	712.53(45.1), 715.40(33.8), 964.93(15.6)
1151.2 *4*	0.123 *25*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1151.2 *5*	0.87 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
• 1151.23 *5*	0.114 *4*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1151.3 *5*	†8.3 *9*	^{103}Mo(67.5 s)	83.4(†100), 423.91(†69), 45.8(†57)
• 1151.3 *4*	0.019 *10*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1151.4 *5*	0.58	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
1151.4 *9*	0.014 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1151.4	0.35 *4*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1151.4 *3*	0.032 *9*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1151.4 *3*		^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1151.41 *6*	1.11 *9*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1151.5 *10*	0.082 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1151.51	>0.0029	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1151.57 *7*	0.065 *3*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1151.6 *1*	0.034 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1151.7 *2*	0.56 *5*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1151.7 *6*	0.23	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
• 1151.70 *7*	0.21 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1151.71 *9*	0.044 *8*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1151.8 *3*	0.052 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1151.8 *8*	†3.1 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1151.8 *5*	0.14	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1151.84 *5*	0.195 *4*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1151.9 *4*	4.4 *4*	^{29}S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1151.9 *3*	0.5 *1*	^{150}Er(18.5 s)	475.8(100), 130.0(2.6), 1014.0(0.9)
1152 *1*	0.91 *21*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1152.0 *4*	†4.9 *9*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1152.04 *9*	0.467 *15*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1152.05 *11*	0.44 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1152.1 *5*	†18 *9*	^{17}C(193 ms)	1373.8(†100), 1849.5(†92), 1906.7(†29)
1152.2 *4*	0.064 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1152.2 *4*	3.0 *3*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1152.3 *2*	0.37 *6*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1152.3 *4*	†0.86 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 1152.330 *26*	0.0085 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1152.350 *16*	1.55 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1152.4 *2*	0.85 *11*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1152.4 *1*	100 *8*	^{147}Tb(1.7 h)	694.4(43), 139.9(27.46), 119.7(6.1)
1152.4	0.20	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1152.42 *9*	2.2 *3*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1152.5 *2*	0.023 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 1152.5 *2*	0.0029 *13*	^{148}Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
1152.5 *6*	1.96 *18*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
1152.593 *19*	0.88 *9*	^{29}Al(6.56 m)	1273.367(90.6), 2425.907(5.7), 2028.12(3.7)
1152.593 *19*	0.0150 *15*	^{29}P(4.140 s)	1273.367(1.549), 2425.907(0.097), 2028.12(0.063)
1152.8 *6*	0.20	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1152.9 *1*	0.41 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1152.98 *11*	2.7	^{111}Sn(35.3 m)	1914.70(1.99), 761.97(1.48), 1610.47(1.31)
1153 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1153.0 *5*	0.43 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1153 *1*	†8.3 *12*	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
1153.01 *4*	30.5 *9*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 777.35(22.4)
1153.01 *4*	0.69 *7*	^{86}Y(48 m)	627.21(0.69), 1076.64(0.69), 98.68
• 1153.1 *5*	0.0109 *25*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1153.2 *3*	0.143 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1153.2 *7*	0.86 *9*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
• 1153.25 *25*	0.0071 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1153.3 *3*	0.39 *6*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1153.3 *10*	0.040 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1153.4 *4*	0.11 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1153.43 *12*	0.00154 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1153.45 *3*	1.05 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1153.5 *3*	0.045 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1153.52 *4*	0.144 *11*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1153.6 *5*	0.032 *16*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1153.6 *1*	0.126 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1153.64 *7*	0.88 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 1153.67 *10*	6.79 *6*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 1153.67 *10*	0.236 *22*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1153.67 *18*	1.10 *8*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1153.675 *29*	0.0637 *14*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1153.7 *3*	†10	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1153.7 *10*	†1.9 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1153.79 *10*	1.07 *6*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1153.8 *5*	0.47	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1153.8 *3*	0.098 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1153.8 *1*	0.24 *6*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1153.8 *2*	†2.1 *2*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1153.9 *3*	0.0054 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1153.9 *3*	0.154 *15*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1153.9	0.31	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1153.9	0.07	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1154.0 *15*		^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1154.0 *3*	0.17 *6*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1154.10 *20*	1.6 *6*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1154.17 *17*	0.51 *16*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
• 1154.19 *13*	4.73 *4*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 1154.19 *13*	10.37 *5*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1154.2 *15*	0.050 *14*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1154.2 *4*	0.32 *8*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1154.23 *20*	0.032 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1154.31 *17*	†1.07 *7*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1154.4		^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1154.4 *3*	0.65 *17*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
1154.4 *12*	0.20 *6*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1154.4 *3*	†8.5 *15*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1154.5 *3*	0.30 *4*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1154.54 *8*	0.46 *3*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1154.6 *1*	0.0050 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1154.6 *2*	1.69 *12*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1154.64 *16*	0.68 *5*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1154.65 *11*	0.160 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1154.66 *5*	†366 *30*	^{164}Tm(2.0 m)	91.40(†1500), 768.91(†279), 208.08(†254)
1154.68	0.66 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 1154.7 *10*	0.03 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1154.7 *5*	†2.5 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1154.77 *3*	0.0072 *4*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1154.77 *3*	0.098 *20*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
1154.8 *5*	1.80 *18*	^{89}Mo(2.04 m)	658.6(5.7), 1272.6(3.7), 844.0(3.7)
1154.8 *10*	1.19 *21*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1154.85 *9*	0.60 *4*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1154.86 *5*	1.94 *11*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1154.9 *5*	0.69 *10*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
• 1154.980 *15*	0.164 *10*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
1155	>0.0049	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1155.0 *5*	0.13 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1155.0 *10*		^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1155.0 *6*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1155.0 *2*	0.55 *5*	^{190}Tl(2.6 m)	416.4(79), 625.4(11.1), 683.5(8.7)
1155.04 *24*	0.36 *7*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
1155.1 *5*	0.14 *6*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1155.19 *2*	1.64 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1155.2 *8*	0.04 *2*	^{123}In(5.98 s)	1130.5(63), 1019.7(32), 618.8(2.6)
• 1155.2 *10*	0.040 *22*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
• 1155.2 *2*	0.189 *10*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1155.25 *30*	0.0336 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1155.27 *10*	3.05 *7*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1155.3 *3*	†1.5 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1155.37 *17*	0.0194 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1155.47 *3*	2.09 *5*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1155.5 *1*	9.5 *17*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
1155.52 *18*	0.65 *8*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1155.6 *4*	0.025	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1155.6 *5*	0.27 *3*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1155.6 *5*	0.015 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1155.7 *6*	0.0105 *19*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
1155.7 *4*	2.7 *9*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1155.7 *2*	0.18 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1155.7 *2*	†0.50 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1155.7 *2*	0.23 *4*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
1155.7 *3*	0.47 *8*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1155.72 *14*	1.09 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1155.8 *2*	†3.4 *5*	^{110}Tc(0.92 s)	240.67(†100), 372.1(†17.0), 613.0(†16.0)
1155.8 *2*	0.0041 *21*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1155.8 *3*	†1.9 *8*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1155.8 *5*	0.49 *5*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1155.826 *28*	0.0194 *10*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1155.9 *1*	0.40 *5*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1156.0 *2*	1.02 *18*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
• 1156	0.131 *19*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1156.0 *5*	0.00060 *15*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
1156.0 *3*	0.42 *7*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1156 *1*	0.007 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 1156.03 *16*	0.051 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1156.09 *10*	3.8 *3*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1156.1	0.23	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1156.28 *12*	0.00016 *12*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1156.3 *4*	0.0036 *10*	^{91}Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
1156.3 *1*	3.4	^{104}Sn(20.8 s)	132.7(56), 912.6(42), 401.2(16.2)
1156.3 *3*	0.069 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1156.3 *4*	0.0010 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1156.3	0.58 *10*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1156.3 *5*	0.40 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1156.41 *15*	8.4 *6*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1156.54 *7*	0.316 *25*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1156.60 *6*	0.0018 *4*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1156.60 *6*	0.44 *4*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1156.7	0.47 *8*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
1156.7 *4*	0.29 *11*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1156.77 *7*	1.05 *4*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
1156.8 *5*	0.20 *5*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
1156.80 *14*	†6.6 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1156.8 *5*	0.025 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1156.8 *4*	0.48 *24*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1156.90 *15*	0.12 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1156.90 *15*	0.07 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1156.9 *10*		^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1156.92 *18*	0.0071 *7*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1157.0 *2*	0.4	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1157.0 *7*	1.1 *4*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
1157.031	58	^{44}K(22.13 m)	2150.76(22.7), 2518.95(9.69), 1499.43(7.8)
1157.031	99.9	^{44}Sc(3.927 h)	1499.43(0.912), 2656.41(0.115), 2144.2(0.0069)
• 1157.031	1.2	^{44}Sc(58.6 h)	1001.85(1.2), 1126.08(1.2)
1157.07 *10*	3.56 *16*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1157.09 *11*	0.316 *24*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1157.14 *15*	0.0072 *13*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1157.2 *4*	0.66 *11*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1157.2 *2*	0.096 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1157.2	1.16 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
• 1157.2 *4*	0.0062 *16*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1157.3 *6*	0.8 *3*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
1157.3 *3*	1.16 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
• 1157.3127 *6*	0.59 *10*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1157.3127 *6*	0.57 *6*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1157.3127 *6*	0.37 *4*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1157.4 *1*	2.8 *3*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1157.40 *10*	2.8 *3*	^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
1157.4 *5*	0.16 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1157.41 *10*	3.4	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1157.47 *3*	11.3 *4*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1157.5	0.07	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1157.52 *4*	0.0005 *3*	^{15}C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
1157.54 *7*	0.0072 *11*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1157.55 *9*	0.134 *16*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1157.6 *3*	0.007 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1157.61 *4*	0.52 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1157.7 *5*	0.10 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1157.7 *5*	0.22 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1157.8 *3*	0.51 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1157.95 *9*	0.020 *4*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1158.0 *8*	0.12 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1158.0 *7*	0.090 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1158.0 *6*	†0.82 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1158.0 *6*	2.7 *5*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1158 *1*	0.43	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1158.0 *5*	0.013 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1158 *1*	0.22	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1158.0 *5*	0.034 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1158.0 *2*	0.05 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1158.0 *7*	0.043 *13*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1158.01 *18*	0.265 *23*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
• 1158.0817 *6*	0.40 *6*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1158.0817 *6*	0.10 *3*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1158.0817 *6*	0.88 *4*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
• 1158.10 *6*	†0.60 *4*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
1158.2 *4*	0.0032 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1158.2 *5*	0.148 *15*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1158.2 *8*	0.038 *13*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1158.2 *4*	1.5 *3*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1158.2 *4*	1.74 *19*	^{128}Sb(10.4 m)	753.82(96.4), 743.22(96), 314.12(89)
1158.2 *6*	†7 *2*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
1158.2 *1*	0.56 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
• 1158.2 *9*	0.008 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1158.3 *4*	0.76 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1158.3 *5*	0.008 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1158.38 *4*	0.70 *18*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1158.38 *4*	0.84 *20*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1158.4 *2*	1.98 *21*	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
1158.42 *15*	0.094	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1158.44 *17*	0.280 *19*	^{91}Mo(65.0 s)	1507.93(24.3), 1208.09(18.7), 2240.87(0.73)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1158.45 *30*	0.0206 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1158.47 *6*	0.0123 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1158.5 *3*	0.046 *4*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
1158.50 *20*	0.030 *3*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
1158.5 *7*	0.21 *4*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
1158.5 *8*	0.021 *14*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1158.5 *3*	0.47	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1158.56 *9*	†4.7 *7*	^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1158.6 *3*	1.8 *6*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
1158.7 *5*	0.021 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1158.7 *2*	1.3	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1158.73 *15*	†9	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1158.8 *7*	0.10 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1158.8 *2*	†124 *48*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1158.80 *11*	0.84 *5*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1158.90 *20*	0.52 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1158.9 *2*	0.54 *5*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1159 *1*	0.08 *1*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
1159		^{109}Tc(0.87 s)	194.6(†100), 128.7(†51), 96.2(†48)
1159.0 *5*	†9 *2*	^{130}Sn(1.7 m)	144.9(†100), 899.2(†49), 84.7(†42)
• 1159.04 *6*	7.25 *3*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1159.05 *51*	0.08 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1159.10 *8*	0.33 *3*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1159.1 *3*	0.183 *24*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1159.18 *5*	0.0446 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1159.2 *7*	0.93 *19*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1159.2 *5*	†3.1 *3*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1159.2 *2*	0.0060 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1159.28 *9*	0.00139 *4*	^{176}Lu(3.635 h)	88.34(0.55640), 1061.61(0.000762), 201.83(>0.0007)
1159.28 *9*	25	^{176}Ta(8.09 h)	88.34(12), 1224.93(6), 201.83(6)
1159.30 *17*	0.031 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1159.4 *3*	0.058 *12*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1159.4 *5*	0.062 *10*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1159.44 *4*	0.0088 *21*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
1159.49 *22*	†16.0 *19*	^{102}Y(0.30 s)	151.73(†100), 1211.08(†40), 1059.21(†29)
1159.5 *2*	†0.60 *13*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1159.5 *5*	0.53 *20*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1159.5	†<5	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1159.52 *10*	0.013 *3*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
1159.68 *14*	0.020 *4*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1159.74 *20*	†4.8 *10*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1159.75 *16*	0.033	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1159.75	>0.033	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1159.9 *2*	0.104 *23*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1159.9 *3*	†0.23 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 1159.920 *16*	0.100 *10*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1159.94 *6*	0.066 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
• 1159.97 *10*	1.48 *5*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
• 1160		^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1160.0 *2*	†5.8 *9*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1160.09 *12*	0.00157 *15*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
• 1160.15 *15*	0.67 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1160.17 *9*	†1.20 *8*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1160.18 *20*	0.35 *8*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1160.2 *4*	0.81 *17*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1160.2 *5*	1.71 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1160.2 *3*	0.062 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1160.32 *10*	0.23 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1160.33 *10*	0.63 *5*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1160.37 *8*	0.28 *9*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1160.4 *4*	2.4 *5*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1160.4 *11*	2.0 *11*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
• 1160.4 *5*	0.030 *9*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
1160.47 *25*	0.035 *6*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
• 1160.5 *3*	0.0440 *18*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1160.5 *4*	0.16 *5*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1160.5 *10*	0.129 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 1160.58 *6*	0.0024 *3*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
1160.6 *2*	0.86 *8*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1160.6 *2*	0.6	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
1160.6 *5*	†2.02 *25*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1160.8 *7*	0.12 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1160.8 *1*	0.148 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1160.8	1.10 *5*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1160.8 *3*	0.18 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1160.8 *3*	0.112 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1160.8 *3*	0.011 *3*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
1160.82 *15*	†35 *5*	^{189}Au(28.7 m)	713.17(†100), 812.68(†63), 447.65(†55)
1160.85 *22*	0.00150 *14*	^{137}Ce(9.0 h)	447.15(1.8), 10.6(0.8), 436.59(0.265)
1160.96 *18*	0.098 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1161 *2*	0.163 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1161.00 *4*	3.97 *21*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1161.0 *5*	0.54 *21*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1161.0 *5*	†8.7 *10*	^{113}I(6.6 s)	462.5(†100), 622.4(†74), 351.5(†43)
1161.0 *4*	0.72 *16*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1161 *1*	†1.8 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1161.04 *4*	0.0150 *5*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1161.1 *6*	0.0068 *13*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1161.1 *4*	0.52 *16*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1161.2 *2*	†6.5 *1*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1161.2 *1*	1.77 *23*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1161.2 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1161.2 *3*	0.28 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1161.2 *3*	0.19 *3*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1161.2 *7*	0.31 *6*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1161.27 *9*	0.86 *6*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1161.3 *3*	0.19 *6*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1161.3 *3*	0.103 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1161.31 *8*	56.0 *11*	^{129}Sn(6.9 m)	1128.44(50), 760.8(16.8), 782.48(15)
1161.4 *4*	†0.7 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1161.4 *2*	†9	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1161.4 *2*	†3.11 *14*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1161.4 *8*	0.49 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1161.4 *2*	0.0010	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
1161.5	†<5	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1161.6 *5*	1.5 *4*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
1161.68 *5*	0.0221 *7*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1161.7 *6*	0.014 *9*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1161.7 *3*	0.35 *6*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1161.7 *3*	0.40 *5*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1161.78 *18*	0.096 *12*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1161.79 *10*	0.69 *8*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1161.8 *3*	0.9 *3*	^{108}Sn(10.30 m)	396.44(64.3), 272.75(45.5), 669.08(22.6)
1161.8 *10*	0.107 *22*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1161.9 *2*	0.032 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
• 1161.9	0.011	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1161.955 *16*	0.714 *17*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1162 *1*	0.15 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1162.0 *1*	0.312 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1162.0 *10*	0.35 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1162.02 *6*	0.0096 *13*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1162.17 *8*	0.7 *3*	^{59}Mn(4.6 s)	726.7(42), 472.71(29.0), 570.81(24.8)
1162.2 *1*	†10.3 *13*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1162.23 *18*	0.37 *10*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
1162.32 *7*	0.0088 *5*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
• 1162.35 *30*	0.0403 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1162.4 *7*	0.78 *8*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1162.47 *6*	0.95 *11*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
• 1162.49 *7*	0.180 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1162.50 *10*	0.215 *20*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1162.5 *5*	†4 *2*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
1162.5 *4*	0.57	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1162.60 *10*	1.56 *9*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1162.6 *2*	2.71 *19*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
• 1162.7 *2*	0.035 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1162.79 *3*	1.229 *13*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1162.8 *2*	0.76 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1162.8 *5*	0.023 *16*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1162.9 *5*	0.34 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1162.9 *3*	1.21 *6*	^{158}Sm(5.30 m)	189.4(15.2), 363.6(12.4), 324.5(10.6)
1163 *1*	0.33 *5*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
1163.0 *3*	0.25 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1163.0 *3*	†1.4	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
1163.0 *3*	4.5 *10*	^{120}In(47.3 s)	1171.3(100), 1023.1(97.4), 197.3(80.6)
1163.0 *1*	0.037 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1163.0 *3*	0.131 *20*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1163.03 *10*	1.18 *4*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1163.04 *10*	0.75 *7*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1163.08 *18*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1163.11 *13*	0.075 *7*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1163.11 *13*	0.0135 *16*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1163.14 *14*	0.85 *7*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
• 1163.16 *8*	0.045 *8*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
• 1163.2 *2*	0.0186 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1163.2 *3*	0.094 *15*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1163.20 *30*	0.089 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1163.28 *7*	0.29 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1163.3 *3*	0.34 *4*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1163.3 *3*	0.028 *8*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1163.4 *1*	67.3 *8*	^{62}Co(13.91 m)	1172.9(97), 2003.48(18.4), 1718.6(6.7)
1163.5 *4*	0.18 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1163.6 *2*	0.010 *6*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1163.6 *4*	0.38 *6*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1163.6 *6*	0.99 *10*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1163.61 *3*	15.4 *6*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1163.8 *4*	0.70 *13*	^{63}Co(27.4 s)	87.13(48.7), 981.7(2.11), 155.6(1.60)
• 1163.84 *5*	0.0310 *19*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1163.85 *6*	32000 *4*	^{119}In(18.0 m)	1065.55(†80000), 1249.71(†44000), 1089.9(†15000)
1163.9 *3*	0.39 *10*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1163.96 *20*	0.09 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1164.0 *3*	0.66 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1164.0 *3*	0.13 *3*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1164.0 *1*	4.5 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
1164.1 *7*	0.21 *4*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1164.1 *5*	†0.6 *3*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
1164.2 *2*	†0.99 *9*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
• 1164.2 *3*	0.065 *6*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1164.20 *17*	0.320 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1164.29 *11*	0.49 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1164.3 *8*	1.5 *4*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1164.36 *25*	0.090 *14*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1164.40 *30*	0.076 *3*	^{51}Mn(46.2 m)	749.07(0.26), 1148.01(0.078), 2001.1(0.0371)
1164.4 *20*	0.04 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1164.4 *6*	0.075 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1164.5 *10*	0.36 *22*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1164.5	0.010	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
1164.50 *8*	0.067 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
• 1164.5 *5*	0.015 *3*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
1164.53 *3*	1.31 *8*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1164.6 *2*	1.1	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1164.6 *5*	†4.8	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
1164.65 *12*	0.0501 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
• 1164.7 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1164.7 *2*	†2.7 *3*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
1164.72 *22*	†3.1 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1164.78 *5*	4.5 *5*	^{98}Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
1164.8 *5*	1.3 *3*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1164.8 *5*	0.126 *11*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1164.80 *20*	0.13 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1164.9 *6*	0.68 *25*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1164.9 *5*	0.89 *9*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1164.94 *8*	0.38 *3*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1164.94 *10*	0.159 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
• 1164.96 *9*	0.029 *5*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1165		^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1165.00 *15*	0.096	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1165.0 *3*	†2.0 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1165.0 *1*	0.20 *3*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1165.0 *10*	0.86 *23*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1165.11 *5*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1165.11 *5*	1.1 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1165.2 *6*	0.41 *16*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1165.2 *1*	0.65 *3*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
• 1165.21 *11*	0.171 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1165.30 *13*	>0.044	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1165.37 *9*	0.020 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1165.37 *16*	0.39 *10*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1165.4 *5*	0.017 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1165.46 *6*	†164 *13*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
• 1165.5 *3*	>9.0×10^{-5}	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
• 1165.5 *1*	0.182 *15*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1165.5	0.010 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1165.5 *4*	0.0031 *12*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1165.53 *10*	0.247 *20*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
• 1165.54 *5*	0.081 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1165.54 *9*	0.056 *10*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1165.56 *6*	0.83 *3*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1165.6 *4*	0.75 *11*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1165.6 *2*	0.141 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1165.7 *6*	0.010 *6*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1165.7 *4*	0.00042 *7*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
1165.739 *27*	15.8 *6*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 831.92(11.9)
1165.739 *27*	0.257 *24*	^{150}Eu(12.8 h)	333.971(4.0), 406.52(2.81), 921.17(0.210)
• 1165.739 *27*	0.106 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1165.8 *5*	0.35 *5*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1165.8 *3*	†5.6 *17*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
1165.83 *21*	0.22 *6*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1165.86 *3*	25.7 *15*	^{123}Cd(1.82 s)	1027.45(22.6), 2102.81(12.5), 2601.98(12.0)
1165.87 *12*	0.294 *17*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1165.9	0.07	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1166.0 *5*	0.08 *4*	^{96}Sr(1.07 s)	122.297(76.50), 809.401(71.9), 931.7(11.8)
1166.0 *5*	0.82 *7*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1166.1 *3*	0.41 *4*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1166.2 *10*	2.0 *4*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1166.22 *3*	1.692 *16*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1166.25	0.031 *3*	^{39}Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
1166.28 *8*	0.194 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1166.3 *5*	0.051 *7*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
1166.5 *2*	0.084 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1166.5 *5*	0.013 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1166.5 *2*	†0.40 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
• 1166.50 *5*	0.068 *6*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1166.55 *36*	0.034 *8*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1166.6 *4*	0.64 *7*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
1166.7 *5*	0.7	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
• 1166.70 *16*		^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1166.78 *48*	0.13 *4*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1166.8 *2*	†10.4 *15*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
• 1166.8	0.023	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1166.8 *6*	0.13 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1166.9 *4*	10 *2*	^{132}Sb(4.10 m)	696.8(100), 973.9(100), 150.6(66)
1166.9 *2*	3.84 *22*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
1166.9 *2*	0.087 *23*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1166.9 *10*	0.009 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1167.0 *5*	0.24 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1167.0 *5*	0.14 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1167.0 *5*	0.8 *3*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
1167	†1.8	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1167	†0.15 *5*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1167.01 *25*	0.183 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1167.06 *2*	0.114 *12*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1167.1 *5*	0.045 *12*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1167.10 *7*	0.49 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1167.1 *6*	0.59 *9*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
1167.1 *1*	4.5 *3*	^{240}Np(61.9 m)	566.34(25.3), 973.9(23.8), 600.57(18.4)
• 1167.109 *13*	0.10 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1167.2 *2*	0.40 *8*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1167.2 *2*	0.217 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1167.25 *3*	0.0275 *14*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1167.25 *3*	2.94 *20*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
1167.3 *1*	0.143 *16*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1167.3 *7*	†8.9 *16*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1167.38 *12*	0.046 *11*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
• 1167.396 *15*	0.0713 *16*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1167.4 *6*	0.034 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1167.4 *2*	0.211 *21*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1167.4 *2*	0.0070 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1167.5 *3*	23	^{51}Ca(10.0 s)	861.6(35), 1394.0(27), 1480.1(22)
1167.5 *4*	1.52 *20*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1167.5 *6*	0.16	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1167.51 *5*	0.046 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1167.6 *3*	7	^{87}Se(5.85 s)	242.5(37), 334.0(35), 573.2(19)
1167.6 *5*	1.07 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
1167.7 *3*	5.0 *5*	^{163}Gd(68 s)	287.79(25), 214.0(11.5), 1562.1(9.0)
1167.74 *5*	0.0249 *15*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1167.8 *10*	0.26 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1167.8 *4*	0.13 *4*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1167.9 *2*	0.114 *10*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1167.9 *5*	0.12 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1167.938 *26*	1.805 *26*	^{134}Cs(2.062 y)	604.699(97.56), 795.845(85.44), 569.315(15.43)
1167.938 *26*	0.077 *5*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1168.0 *2*	0.198 *17*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1168.0 *15*	†3.6 *11*	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
1168.0 *8*	2.8 *5*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1168 *1*	0.048 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1168.0 *8*	†0.8 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1168	0.15	^{222}Fr(14.2 m)	206.15(51), 111.12(12.5), 242.12(1.89)
1168.02 *6*	0.037 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1168.1 *2*	1.61 *13*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1168.1 *3*	0.69 *11*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1168.16 *19*	0.0061 *15*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
• 1168.25 *25*	0.10 *3*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1168.3 *5*	0.07 *3*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
1168.3 *3*	0.60 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1168.4 *3*	†32.8 *16*	^{32}Ar(98 ms)	707.4(†12.1), 461.09(†12.1), 1078.5(†12.0)
1168.4 *5*	0.00184 *15*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
1168.4 *3*	0.0014 *4*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
1168.43 *13*	0.00036 *3*	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
1168.43 *13*	0.0012 *5*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1168.5 *5*	0.35	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1168.6 *2*	0.011 *4*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
1168.6 *10*	0.12 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1168.6	†40 *3*	^{202}Po(44.7 m)	688.6(†1000), 316.0(†286), 165.7(†174)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1168.63 *8*	0.022 *4*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1168.7 *2*	0.43 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1168.76 *14*	0.18 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1168.8 *6*	†1.10 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1168.80 *5*	40 *4*	^{128}In(0.84 s)	935.20(6.5), 1089.53(6.0), 2104.07(5.3)
1168.80 *5*	100 *5*	^{128}In(0.72 s)	831.54(100), 120.54(11.1), 321.22(10.5)
1168.8 *2*	>4.6×10^{-5}	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
1168.8 *4*	0.077 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1168.8 *10*	0.155 *23*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1168.830 *20*	17.8 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 833.563(10.8)
1168.97 *5*	0.43 *6*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1168.99 *17*	0.235 *17*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1169.04 *4*	0.881 *23*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1169.07	0.034 *7*	^{37}S(5.05 m)	3103.36(94), 3741.02(0.26), 3086.00(0.062)
1169.09 *8*	0.113 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 1169.09 *7*	0.266 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 1169.09 *7*	0.081 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1169.2 *5*	0.252 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1169.3 *3*	†0.78 *8*	^{27}Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
1169.34 *8*	†0.77 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1169.4 *10*	1.1 *4*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1169.4 *10*	1.3 *4*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
• 1169.49 *6*	0.0053 *5*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
1169.5 *4*	0.12 *3*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1169.5 *3*	0.57 *9*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1169.5 *5*	0.8 *4*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1169.6 *3*	0.0077 *16*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1169.6 *5*	1.75 *20*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1169.7 *6*	0.276 *20*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1169.8 *3*	0.94 *8*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
1169.8 *5*	100000	^{123}In(47.8 s)	125.76(†4.2×10^{7}), 3234(†130000), 3127(†100000)
1169.83 *19*	0.062 *11*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1169.9 *3*	†4.7×10^{2} *12*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1170.0 *6*	0.039 *10*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1170.0 *8*	0.048 *13*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1170.0 *3*	†9.6 *24*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
1170.1 *2*	0.042 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
• 1170.1 *4*	0.099 *8*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1170.1 *3*	0.73 *11*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1170.2 *4*	0.09 *3*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1170.2 *5*	0.46 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1170.3 *5*	0.32 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1170.3 *1*	0.044 *3*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1170.4 *2*	†3	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1170.4 *4*	†>4.5	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1170.49 *9*	†2.63 *19*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1170.5 *4*	2.1 *3*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
• 1170.53 *11*	0.00159 *23*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
1170.587 *24*	1.06 *12*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 1170.587 *24*	1.334 *19*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1170.6 *13*	0.19 *5*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1170.6 *1*	3.09 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1170.7 *4*	0.16 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1170.7 *2*	0.059 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1170.7 *5*	0.037 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1170.70 *9*	0.31 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1170.71 *10*	0.65 *13*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1170.73 *5*	0.0578 *13*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1170.82 *15*	0.75 *8*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1170.83 *5*	†5.03 *18*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
1170.9 *5*	0.04 *3*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1170.9 *3*	0.54 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1170.94 *15*	2.28 *19*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
• 1170.97 *8*	0.0357 *13*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1170.98 *3*	0.591 *20*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1171 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1171.0 *1*	9.4 *9*	^{149}Er(8.9 s)	171.5(6.5), 343.9(6.3), 1530.9(4.4)
1171 *1*	0.16 *12*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1171.0 *10*	0.40 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 1171	>0.0048	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
1171.04 *8*	0.70 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1171.06 *15*	0.61 *6*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1171.08 *6*	1.5 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1171.1 *1*	3.73 *16*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1171.1 *4*	†0.46 *7*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1171.2 *10*	0.10 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1171.2 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
• 1171.20 *4*	0.80 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1171.24 *14*	0.0037 *10*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1171.28 *4*	0.081 *20*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1171.3 *5*	1.5	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
1171.3 *2*	19	^{120}In(3.08 s)	2039.8(1.86), 703.8(1.42), 2390.2(1.14)
1171.3 *2*	100 *3*	^{120}In(47.3 s)	1023.1(97.4), 197.3(80.6), 89.9(77.6)
1171.3 *2*	96 *10*	^{120}In(46.2 s)	1023.1(55), 863.7(32.5), 1294.5(12.2)
1171.3 *2*	1.7	^{120}Sb(15.89 m)	703.8(0.149), 988.6(0.063)
• 1171.3 *2*	100	^{120}Sb(5.76 d)	1023.1(99.4), 197.3(87.0), 89.9(79.5)
1171.3 *1*	0.090 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1171.31 *11*	0.025 *6*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1171.34 *5*	0.081 *20*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1171.4 *5*	0.00030 *12*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1171.42 *3*	0.196 *8*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1171.5 *5*	2.1 *9*	^{80}Zn(0.545 s)	712.53(45.1), 715.40(33.8), 964.93(15.6)
1171.5 *4*	0.146 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1171.55 *11*	0.88 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1171.6 *20*	0.04 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1171.6 *6*	†>0.7	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1171.6 *3*	0.385 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1171.62 *4*	1.24 *8*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1171.7 *3*	0.35 *3*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1171.7 *5*	0.075 *15*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1171.7 *10*	0.134 *20*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1171.8 *3*	3.7 *5*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1171.8 *3*	0.41 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1171.8 *4*	0.44 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1171.9 *7*	†1.1 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1171.94 *16*	†4.8 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1171.97 *10*	0.0039 *8*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1172.0 *6*	†1.0 *5*	^{132}Pr(1.6 m)	325.5(†100), 496.9(†25), 822.4(†17.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1172.0 *3*	0.066 *7*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1172.0 *10*	0.02 *1*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1172 *1*	0.25 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1172.00 *10*	1.6 *4*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
1172.0 *4*		^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1172.0 *3*	0.15 *3*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1172.05 *10*	0.59 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1172.1 *7*	1.1 *4*	^{135}Nd(12.4 m)	204.02(52), 41.43(23), 441.2(14.9)
1172.2 *10*	0.10 *3*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
1172.2 *1*	5.3 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
1172.2 *2*	†186 *52*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1172.3 *3*	0.16 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1172.3	1.6	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1172.3 *5*	0.19 *7*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1172.33 *20*	0.98 *8*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1172.38 *10*	1.24 *11*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1172.4 *3*	8	^{128}Cd(0.34 s)	247.92(75), 857.05(71), 68.02(29)
1172.5 *7*	0.264 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1172.53 *13*	0.118 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1172.58 *20*	0.0076 *19*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1172.59 *12*	0.049 *8*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1172.7 *3*	0.8	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1172.7 *1*	†>0.7	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1172.7 *5*	0.036 *12*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1172.75 *4*	0.050 *19*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1172.78 *6*	0.85 *5*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1172.8 *3*	0.13 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1172.8 *4*	0.48 *6*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1172.80 *5*	0.24 *7*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
• 1172.81 *12*	0.0040 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1172.87	2.5 *3*	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1172.9 *1*	84	^{62}Co(1.50 m)	2301.8(14.7), 1128.9(11.1), 1985.13(1.6)
1172.9 *1*	97	^{62}Co(13.91 m)	1163.4(67.3), 2003.48(18.4), 1718.6(6.7)
1172.9 *1*	0.34	^{62}Cu(9.74 m)	875.68(0.150), 2301.8(0.0414), 1128.9(0.0324)
1172.9 *6*	0.050 *10*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1172.9 *2*	1.09 *7*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1172.90 *10*	0.71 *6*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1172.9 *5*	0.0008 *3*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
1173.0	0.35 *23*	^{148}Ba(0.607 s)	56.08(29.20), 133.53(3.88), 415.78(3.59)
1173.0 *10*	†2.2 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1173.0 *1*	1.09 *7*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1173 *2*	†0.6	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
1173.1	0.175 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1173.1 *1*	0.045 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1173.12 *8*	0.120 *14*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1173.16 *3*	25.1 *15*	^{125}Cd(0.57 s)	1027.53(25.8), 736.65(12.6), 2392.43(9.4)
1173.18 *7*	0.88 *7*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1403.06(0.74)
1173.2 *2*	1.78 *15*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
• 1173.2 *4*	0.031 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1173.237 *4*	99.90 *2*	^{60}Co(5.2714 y)	1332.501(99.9820), 346.93(0.0076), 826.06(0.0076)
1173.237 *4*	0.26 *9*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
• 1173.24 *22*	0.011 *3*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1173.26 *19*	0.35 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1173.3 *5*	0.0019 *8*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1173.3 *2*	1.31 *18*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
• 1173.30 *5*	0.181 *7*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1173.3 *3*	0.29 *5*	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1173.34 *19*	0.43	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1173.4	5.0×10^{-6}	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
1173.5 *5*	0.21 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1173.5 *3*	0.02	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1173.5 *3*	0.88	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1173.5 *9*	0.22 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1173.5 *3*	0.035 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1173.59 *5*	1.37 *5*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1173.59 *5*	0.43 *9*	^{118}In(5.0 s)	1229.68(5.0), 528.83(0.7), 813.22(0.19)
1173.59 *5*	0.047 *5*	^{118}Sb(3.6 m)	1229.68(2.5), 1267.23(0.511), 528.83(0.472)
1173.6 *2*	†13 *2*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
1173.62 *17*	0.15 *5*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1173.66 *10*	0.23 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1173.7 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1173.7 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1173.75 *25*	0.62 *6*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1173.779 *10*	4.8 *4*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
• 1173.779 *10*	1.21 *6*	^{184}Re(169 d)	252.848(10.7), 216.548(9.43), 920.932(8.14)
1173.8 *10*	5.1 *25*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
1173.89 *9*	0.00076 *14*	^{135}La(19.5 h)	480.51(1.5), 874.51(0.164), 587.83(0.1108)
1173.9 *2*	8.94 *21*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1173.92 *3*	0.184 *13*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1173.99 *18*	0.19 *7*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
• 1174.0 *4*	0.018 *8*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
1174.0	†4.4	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1174.0	†1.6	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1174.0 *5*	0.39 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1174.0 *7*	0.22 *9*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1174.0 *4*	0.136 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1174.00 *17*	2.0 *6*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1174.04 *3*	0.045 *5*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
• 1174.08 *15*	0.0405 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1174.1 *5*	0.10 *3*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1174.1 *3*	0.69 *10*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1174.1 *3*	1.1 *5*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
1174.1 *3*	0.15 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1174.17 *10*	0.21	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1174.2 *2*	3.0 *3*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1174.2 *5*	†9.4 *10*	^{103}Mo(67.5 s)	83.4(†100), 423.91(†69), 45.8(†57)
1174.2 *5*	1.31 *7*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1174.2 *10*	†1.90×10^{3} *19*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1174.22 *25*	0.0013 *3*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
• 1174.22 *8*	0.169 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1174.3 *9*	2.6 *13*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
1174.32 *10*	0.31 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1174.4 *3*	1.15 *9*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1174.5 *3*	0.26 *4*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1174.5 *15*	0.0015 *4*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
1174.5 *4*	0.14 *5*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
1174.5	0.11	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1174.5 *5*	0.042 *8*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1174.56 *4*	0.0185 *7*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1174.56 *4*	1.32 *13*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
• 1174.59 *10*		^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1174.6 *2*	†1.5 *2*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
1174.6 *3*	0.47 *6*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1174.6 *3*	0.6	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1174.60 *8*	0.46 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1174.66 *3*	0.035 *4*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1174.66 *3*	0.0158 *8*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1174.7 *5*	0.44 *5*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
1174.7 *3*	0.174 *15*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1174.7 *2*	†2.0 *1*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
1174.74 *17*	0.120 *20*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1174.8 *2*	0.92 *10*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1174.8 *1*	†0.77 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1174.80 *13*	4.4 *4*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1174.9 *5*	4.6 *9*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 647.58(53)
1174.9 *1*	0.038 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1175.00 *20*	1.23 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1175.0 *8*	0.23 *10*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1175.0 *10*	0.36 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 1175.09 *11*	0.147 *20*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1175.102 *6*	2.279 *20*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1175.3 *2*	†11.6 *5*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1175.3 *1*	1.91 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1175.31 *10*	0.025 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1175.36 *4*	0.0607 *22*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1175.36 *4*	1.98 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1175.38 *10*	0.14 *4*	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
1175.40 *8*	1.11 *4*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
1175.4 *7*	1.6 *3*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1175.4	3.27 *13*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1175.4 *3*	0.119 *19*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1175.5 *3*	1.00 *7*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1175.5 *10*	0.21 *6*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1175.50 *3*	0.0351 *22*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1175.5	0.0068 *14*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1175.50 *3*	1.57 *9*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
1175.58 *8*	1.0	^{82}Y(9.5 s)	573.66(25), 602.14(10), 737.35(2.3)
1175.7 *5*	0.47 *12*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1175.75 *6*	0.0034 *8*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1175.8	0.19 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1175.82 *11*	0.00198 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1175.9 *3*	1.8 *5*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
1175.93 *6*	4.16 *8*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1175.98 *7*	0.0047 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
• 1176.0 *5*	9.0×10^{-5} *5*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
1176.0 *2*	0.47 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1176.01 *22*	0.62 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1176.05 *10*	0.62 *6*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1176.09 *3*	0.48 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1176.1 *2*	66.3 *23*	^{98}Cd(9.2 s)	347.18(78), 107.28(43.7), 60.55(35.1)
1176.1 *2*	0.14 *4*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1176.14 *36*	0.13 *4*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1176.2 *2*	1.2 *4*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1176.2 *5*	0.49 *12*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1176.2 *3*	0.32 *4*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1176.23 *15*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1176.3 *6*	0.078 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1176.3 *6*		^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1176.4 *4*	0.14	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 1176.4 *2*	1.69 *5*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1176.4 *6*	1.1 *3*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1176.4 *3*	0.129 *18*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1176.46 *16*	0.027 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 1176.48 *22*	0.159 *16*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1176.5 *2*	0.058 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1176.5 *10*	0.20 *16*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1176.5 *5*	†7.4 *6*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
1176.626	14.09 *13*	^{34}Cl(32.00 m)	2127.492(42.8), 3304.039(12.29), 4114.54(0.273)
1176.67 *15*	0.44 *5*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1176.67 *12*	0.63 *4*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1176.7 *2*	1.10 *14*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1176.704 *16*	9.54 *19*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1176.9 *9*	0.0037 *15*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1176.9 *9*	0.028 *11*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1176.9 *8*	0.353 *19*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1176.9 *4*	0.21 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1176.9 *4*	†0.9 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1176.9 *5*	0.11	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1177.0 *3*	0.11 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1177.0 *6*	0.07 *3*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1177.0 *3*	†19 *2*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
1177.04 *10*	0.71 *8*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
1177.04 *4*	0.12 *6*	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
• 1177.06 *20*	0.000228 *24*	^{123}Sn(129.2 d)	1088.64(0.6), 1030.23(0.0310), 1021.00(0.00193)
1177.1 *4*	0.74 *18*	^{186}Tl(27.5 s)	405.43(92), 402.72(45.9), 356.84(29.3)
1177.1 *5*	†1.4 *2*	^{200}At(43 s)	665.9(†100), 611.1(†85.0), 484.5(†49.8)
1177.14 *4*	1.62 *9*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1177.2 *4*	0.067 *17*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1177.2 *2*	0.0037 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1177.22 *3*	0.00378 *21*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1177.3 *6*	0.363 *6*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
1177.3 *4*	2.2 *2*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1177.4 *1*	2.19 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1177.4 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1177.4 *4*	†2.0 *3*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
1177.4 *3*	0.26 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1177.42 *18*	0.24 *3*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1177.6	0.27	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1177.6 *3*	0.036 *6*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1177.6 *9*	0.08 *8*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1177.70 *20*	0.235 *20*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1177.70 *2*	0.36 *12*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
1177.7 *5*	0.034 *18*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1177.7 *4*	0.159 *16*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1177.7 *2*	0.36 *5*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1177.71 *19*	0.29 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1177.71 *19*		^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1177.75 *6*	3.24 *19*	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1177.75 *6*	0.29	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1177.8 *10*	†16 *3*	^{189}Au(28.7 m)	713.17(†100), 812.68(†63), 447.65(†55)
• 1177.962 *4*	15.07 *9*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1177.962 *4*	†1.95 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1178.0 *5*	0.22 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1178.0 *15*	0.061 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1178 *1*	†4.4 *7*	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
1178.03 *11*	1.29 *7*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1178.03 *4*	0.293 *15*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1178.03 *12*	0.62 *4*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 1178.07 *21*	0.19 *3*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1178.1 *8*	†4.0 *12*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1178.1	0.07	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1178.2 *2*	0.33 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1178.2 *5*	0.071 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1178.3	0.069 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1178.3 *4*	0.22 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1178.35 *9*	0.077 *7*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1178.39 *4*	0.563 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1178.4 *20*	1.36 *17*	^{212}Fr(20.0 m)	1273.8(46), 227.72(43), 1185.6(14.1)
1178.5	†100 *5*	^{34}Si(2.77 s)	429.07(†94), 1607.6(†56)
1178.5 *1*	0.0013 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1178.5 *2*	0.038 *7*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1178.53 *15*	13.2 *6*	^{165}Tb(2.11 m)	538.51(7.2), 1292.05(7.0), 1664.80(6.4)
1178.536 *24*	0.008 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
• 1178.55 *40*	0.0096 *24*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1178.6 *2*	0.538 *23*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1178.66 *6*	5.16 *25*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1178.7 *2*	0.26 *7*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1178.73 *12*	0.34 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1178.73 *1*	0.028 *17*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1178.8 *4*	2.9 *3*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1178.8 *3*	0.126 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1178.9 *3*	0.10 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1178.90 *86*	0.11 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1178.91 *9*	0.80 *11*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1179 *1*	0.09 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1179.2 *6*	†0.83 *11*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1179.2 *4*	0.50 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
• 1179.2	0.012	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1179.2 *4*	†5.8 *23*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
1179.2 *4*	†1.5 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1179.4 *7*	0.56 *6*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1179.4 *2*	†6	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1179.49 *6*	0.036 *6*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1179.5 *10*	0.9	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
1179.5 *15*	0.22	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1179.51 *3*	0.996 *21*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1179.6 *6*	0.102 *20*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 1179.63 *13*	0.0174 *25*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1179.7 *2*	†4 *1*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1179.8 *3*	0.59 *10*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1179.8 *5*	0.17 *7*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
1179.8 *5*	0.13 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1179.8 *5*	>0.13	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1180.0 *2*	3.28 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1180.0 *2*	1.4	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
1180.0 *5*	0.60 *12*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1180.0 *2*	0.081 *11*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1180.00 *15*	1.07 *15*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1180.1 *2*	0.12 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1180.18 *7*	0.156 *10*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1180.2 *2*	†1.00 *15*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1180.2 *5*	0.14 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1180.2 *2*	0.020 *5*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 1180.2 *2*	0.0102 *8*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
• 1180.231 *10*	0.183 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
• 1180.266 *14*	0.086 *8*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
1180.266 *14*	0.00394 *18*	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
1180.266 *14*	0.0148 *13*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1180.266 *14*	0.118 *17*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1180.28 *18*	0.77 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1180.3 *10*	0.16 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1180.31 *9*	0.28 *5*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1180.32 *8*	0.70 *3*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
• 1180.37 *7*	0.108 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1180.4 *4*	0.26 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1180.4 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 1180.45 *6*	0.190 *21*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1180.46 *9*	0.064 *9*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1180.6 *5*	0.8 *4*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1180.6 *5*	1.7 *4*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
• 1180.686 *12*	0.11 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1180.7 *2*	2.29 *7*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
• 1180.70 *10*	0.066 *7*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1180.72 *6*	0.01448 *20*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1180.72 *6*	0.0055 *5*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
• 1180.75 *30*	0.0112 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1180.76 *17*	0.24 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
• 1180.76 *3*	0.086 *5*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
• 1180.76 *3*	0.55 *3*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1180.8 *1*	0.037 *3*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
1180.838 *25*	0.684 *14*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1180.89 *2*	14.8 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 138.89(7.84)
1180.9		^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1180.9 *2*	†3.5 *7*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
1180.950 *10*	0.00026 *18*	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
1180.950 *10*	0.0027 *13*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1181.0 *10*	0.032 *11*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
1181.0 *4*	12.3 *13*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 644.8(6.4)
1181.1 *5*	0.33 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1181.1 *3*	0.059 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1181.16 *14*	0.235 *15*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1181.2 *1*	†1.80 *16*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1181.2 *2*	0.075 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1181.23 *20*	0.00029 *3*	^{123}Sn(129.2 d)	1088.64(0.6), 1030.23(0.0310), 1021.00(0.00193)
1181.3 *5*	†1.17 *23*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1181.3 *1*	1.44 *9*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1181.39 *1*	99.3 *25*	^{210}At(8.1 h)	245.31(79), 1483.39(46.5), 1436.70(29.0)
• 1181.4 *4*	0.015 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1181.4 *8*	0.028 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1181.44 *6*	0.94 *4*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
1181.45 *10*	12.4 *4*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1181.45 *10*	0.087 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1181.5 *1*	0.074 *13*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
• 1181.5 *3*	0.448 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1181.5 *5*	1.03 *22*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1181.5 *5*	0.62 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1181.57 *5*	0.1068 *13*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1181.6 *4*	4.5 *5*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1181.6 *10*	0.11 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1181.6 *2*	0.16 *3*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1181.9 *15*	1.6 *11*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
1181.94 *16*	0.151 *20*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1181.96 *11*	0.00012 *5*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
1181.99 *13*	0.0012 *3*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1182.0 *3*	5.0×10^{-5}	^{144}Pr(17.28 m)	696.510(1.3), 2185.662(0.694), 1489.160(0.278)
1182.0 *5*	0.0003 *2*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
1182.02 *23*	†3.4 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1182.05 *46*	0.10 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1182.10 *11*	0.044 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1182.1 *3*	0.51 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1182.1 *2*	0.009	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1182.1 *5*	0.0070 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1182.13 *4*	0.289 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1182.2 *4*	0.52 *20*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1182.3 *2*	†1.4 *2*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
1182.30 *30*	0.74 *10*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1182.3 *4*	0.09 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1182.3 *3*	†9 *1*	^{181}Ir(4.90 m)	107.64(†100), 1639.6(†52), 318.9(†46)
1182.38 *20*	0.167 *22*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1182.4 *2*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
1182.4 *2*	†4.2 *10*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1182.4	0.37	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1182.48 *7*	0.00079 *16*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1182.5 *5*	0.84 *9*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
1182.5 *3*	3.74 *8*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1182.65 *21*	0.22 *3*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1182.70 *8*	0.67 *4*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1182.77 *11*	1.52 *3*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1182.8 *2*	†0.73 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1183.0 *5*	3.4 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1183.00 *5*	0.0348 *18*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1183.0 *4*	1.3 *3*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1183.0 *2*	0.073 *5*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1183.07 *15*	0.201 *13*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1183.072 *12*	0.112 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1183.1 *5*	0.093 *8*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1183.1 *5*	0.54 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1183.1 *2*	0.136 *18*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1183.2 *5*	<0.12	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
• 1183.208 *16*	1.66 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1183.3 *5*	0.317 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1183.3 *4*	0.317 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1183.33 *9*	1.10 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1183.4 *1*	0.13 *3*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1183.4 *2*	1.3 *4*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1183.4	†8	^{131}Nd(27 s)	87.8(†100), 174.42(†34), 164.09(†25)
1183.47 *3*	3.22 *22*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1183.5 *1*	0.048 *5*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
1183.5 *4*	†2.7 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1183.50 *10*	1.22 *11*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1183.5 *8*	0.112 *11*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1183.51 *4*	0.304 *10*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1183.51 *4*	0.62 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1183.53 *3*	0.018 *4*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1183.53 *3*	0.169 *5*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1183.6 *3*	0.46 *10*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1183.6 *2*	0.028 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1183.6	†1.0 *4*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1183.6 *3*	0.22 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1183.7 *2*	0.071 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1183.7 *2*	0.56 *19*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1183.7 *7*	0.25 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1183.8 *5*	0.29 *9*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1183.90 *17*	0.079 *22*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
1183.9 *2*	0.89 *3*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1183.97 *8*	2.5 *3*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1184.0	7.3 *4*	^{35}K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
1184 *2*	1.9 *8*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1184.0	0.16	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1184.0 *4*	0.91 *13*	^{120}In(3.08 s)	1171.3(19), 2039.8(1.86), 703.8(1.42)
1184.0 *4*	2.4 *8*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
1184.0 *5*	0.0549 *16*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1184.0 *8*	0.28 *10*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
• 1184.0 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1184.05 *10*	0.024 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1184.09 *3*	1.09 *4*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1184.1 *1*	0.249 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1184.1 *5*	4.6 *3*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1184.10 *28*	0.39 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1184.1 *2*	0.016 *6*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1184.16 *13*	†39 *5*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1184.19 *23*	0.196 *17*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1184.2 *1*	0.227 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1184.2 *3*	0.104 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1184.28 *3*	0.331 *13*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1184.3 *3*	0.17	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1184.39 *6*	0.035 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1184.4 *2*	0.27 *3*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1184.4 *4*	1.16 *15*	^{154}Pr(2.3 s)	162.4(15), 932.1(11.7), 70.8(11.22)
1184.4 *6*	0.025 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
• 1184.446 *27*	2.95 *14*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1184.5 *3*	0.060 *24*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1184.5 *5*	0.10 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1184.5 *3*	0.53 *5*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
• 1184.5 *3*	5×10^{-7} *2*	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
1184.55 *13*	0.108 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1184.6 *3*	4.2 *7*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1184.7 *6*	0.019 *4*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
1184.7 *2*	0.0055 *21*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1184.70 *6*	0.084 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
• 1184.7 *3*	0.026 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1184.8 *5*	0.49	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 1184.88 *3*	2.22 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1184.9 *8*	0.6 *3*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1184.9	0.041 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1184.92 *12*	0.00174 *25*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1184.94 *8*	†64 *6*	^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1184.95 *4*	0.69 *3*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1185.0 *7*	0.108 *21*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1185.0 *8*	0.051 *25*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
• 1185.0 *2*	0.150 *11*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1185.0 *3*	4.4 *17*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 1098.0(12)
1185 *1*	†6 *1*	^{160}Eu(38 s)	173.19(†100), 513.6(†60), 412.56(†56)
1185 *1*	0.10 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1185.1 *3*	>0.29	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1185.1 *6*	0.12 *3*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1185.1 *3*	0.017 *5*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
1185.19 *3*	3.5	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1185.20 *12*	20 *6*	^{80}Y(35 s)	385.86(100), 595.06(39), 756.53(13)
1185.2 *6*	0.82 *25*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1185.21 *17*	0.034 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1185.234 *15*	3.75 *7*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
1185.3 *3*	1.72 *11*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1185.35 *15*	0.65 *3*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1185.4 *11*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1185.4 *3*	0.053 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1185.5 *2*	2.9 *2*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1185.6 *2*	†1.2 *6*	^{103}Nb(1.5 s)	102.64(†100), 641.1(†55), 538.5(†34.0)
1185.6 *1*	0.124 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1185.6 *3*	0.46 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1185.6 *5*	†5.7 *9*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1185.6 *20*	14.1 *17*	^{212}Fr(20.0 m)	1273.8(46), 227.72(43), 138.30(7.7)
1185.65 *12*	0.69 *6*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
1185.7 *2*	0.0076 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1185.7 *10*	0.6	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
1185.8 *3*	0.26 *5*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1185.8 *4*	0.37 *5*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1185.84 *14*	0.244 *12*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1185.99 *8*	2.5 *5*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1186.0 *10*	0.11 *3*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1186 *2*	†12.5	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1186	†0.06 *1*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1186.0	0.030 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1186.06 *18*	0.00072 *10*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1186.1 *3*	0.38 *8*	^{160}Tm(74.5 s)	264.1(9), 125.8(6.5), 375.8(2.4)

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Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$