

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2226.59 12	0.0148 11	¹²² I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2226.6 5	0.090 19	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2226.61 14	0.046 3	²¹⁰ At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
2226.7 3	0.028 17	¹⁹⁹ Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2226.88 18	0.30 7	⁵⁸ Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
2226.9 2	1.12 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
• 2227.0 5	0.0019	¹²⁵ Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
2227.0 1	0.140 13	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2227.0 10	$\dagger > 0.14$	¹⁶⁰ Ho(5.02 h)	728.18($\dagger 100$), 879.383($\dagger 65.9$), 962.317($\dagger 59.1$)
• 2227.2 4	0.013 3	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2227.28 25	0.37 8	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2227.4 4	0.0015 15	¹⁵¹ Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2227.5 3	0.456 24	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2227.6 10	0.10 3	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2227.7 20	0.10 6	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2227.7 25	1.25 19	¹⁹⁶ Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
2227.9 5	$\dagger 35 9$	¹³⁶ I(46.9 s)	1686.1($\dagger 100$), 1689.0($\dagger 85$), 240.5($\dagger 74$)
2228.0 3	0.41 5	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2228.2 5	1.4 3	⁸¹ Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
2228.2 4	0.11 5	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2228.42 20	0.186 18	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2228.5 4	0.101 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2228.6 5	0.19 5	⁴⁹ Ca(8.715 m)	3084.4(92), 4071.9(7.0), 1408.9(0.63)
2228.6 8	0.26 14	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2228.6 5	0.036 11	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2228.9 4	0.090 21	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2229.0 10	0.16 8	⁶⁸ As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
• 2229.26 2	0.0035 17	²⁰⁰ Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
2229.44 12	0.94 5	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2229.5 10	>3.1	⁹⁸ Cd(9.2 s)	347.18(78), 1176.1(66.3), 107.28(43.7)
2229.5 5	0.090 16	²³⁰ Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2229.64 3	0.87 6	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2229.8 6	0.127 10	¹¹⁵ Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
2229.9 3	0.016 3	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2229.97 15	0.10	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2230.0 10	$\dagger 5$	⁹⁹ Rb(59 ms)	90.8($\dagger 100$), 125.2($\dagger 40$), 1071.6($\dagger 26$)
2230.0 5	0.072 22	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2230 3	0.011 3	¹⁸² Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2230.2 3	71.6 6	³² Cl(298 ms)	4771.8(20.5), 2464.9(4.1), 1547.9(3.5)
2230.2 3	$\dagger 54 3$	³³ Ar(173.0 ms)	1547.9($\dagger 1.5$)
2230.27 12	1.53 9	⁹³ Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2230.6 5	>0.06	¹³⁷ Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2230.76 7	0.320 11	¹¹⁸ In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
2230.8 4	0.109 17	⁶¹ Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
2230.8 2	3 1	¹⁵¹ Tm(4.13 s)	801.6(73), 2115.8(13), 1548.6(10)
2230.85 25	0.22 5	¹²² In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2230.88 12	0.197 9	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2231.0 8	0.011 4	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
2231.1 2	$\dagger 0.30 4$	¹⁶⁰ Ho(5.02 h)	728.18($\dagger 100$), 879.383($\dagger 65.9$), 962.317($\dagger 59.1$)
2231.3 4	0.023 6	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2231.3 10	0.57 3	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
2231.4 6	0.021 7	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2231.5	0.021 5	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)

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$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2231.70 8	0.84 6	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
2231.772 21	3.39 7	$^{88}\text{Kr}(2.84 \text{ h})$	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
2231.88 12	$\dagger 2.62 22$	$^{188}\text{Au}(8.84 \text{ m})$	265.63($\dagger 100$), 340.04($\dagger 23.9$), 605.5($\dagger 16.3$)
2231.9 5	0.10 9	$^{74}\text{Ga}(8.12 \text{ m})$	595.847(91), 2353.46(44.5), 608.353(14.3)
2232.0 5	0.79 20	$^{92}\text{Rb}(4.492 \text{ s})$	814.98(33), 2820.6(6.2), 569.8(5.6)
• 2232.25 7	0.569 12	$^{124}\text{I}(4.18 \text{ d})$	602.730(60), 1690.980(10.41), 722.786(9.98)
2232.37 66	0.116 17	$^{174}\text{Ta}(1.05 \text{ h})$	206.50(58), 91.00(16.0), 1205.92(4.9)
2232.40 18	0.0027 5	$^{128}\text{Cs}(3.66 \text{ m})$	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2232.5 8	0.065 22	$^{198}\text{Tl}(5.3 \text{ h})$	411.8044(82), 675.8874(11), 636.4(10.1)
2232.6 8	0.024 10	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
2232.6 2	0.035 10	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2232.6 5	0.33 3	$^{230}\text{Fr}(19.1 \text{ s})$	711.0(13.6), 129.1(11.0), 728.4(7.3)
• 2232.7 5	0.0157 9	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2232.74 20	0.0107 9	$^{122}\text{I}(3.63 \text{ m})$	564.119(18), 692.794(1.325), 793.278(1.297)
2232.9 3	0.012 3	$^{180}\text{Re}(2.44 \text{ m})$	902.795(90), 103.557(22.2), 825.357(9.9)
2233		$^{134}\text{Pr}(11 \text{ m})$	293.5($\dagger 100$), 299.0($\dagger 100$), 1196.8($\dagger 100$)
2233		$^{134}\text{Pr}(17 \text{ m})$	1964.1($\dagger 100$), 1904.3($\dagger 100$), 1579.9($\dagger 100$)
2233.0 8	0.0061 6	$^{162}\text{Tb}(7.60 \text{ m})$	260.070(37.2), 807.53(42.8), 888.20(38.7)
2233 1	>0.11	$^{209}\text{Rn}(28.5 \text{ m})$	408.32(50.3), 745.78(22.8), 337.45(14.5)
2233.0 5	0.049 16	$^{230}\text{Ac}(122 \text{ s})$	454.95(8), 508.20(5.15), 1243.9(3.50)
2233.5	0.8 3	$^{192}\text{Au}(4.94 \text{ h})$	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2233.6 6	0.012 5	$^{79}\text{Rb}(22.9 \text{ m})$	688.1(23), 182.77(19.2), 143.41(13.9)
2233.7 5	0.055 9	$^{103}\text{Ag}(65.7 \text{ m})$	118.72(31.2), 148.193(28.3), 266.86(13.3)
2233.7 5	0.058 14	$^{150}\text{Tb}(3.48 \text{ h})$	638.05(72), 496.3(14.8), 792.5(4.39)
2233.80 10	1.31 6	$^{91}\text{Tc}(3.14 \text{ m})$	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2233.9 3	>0.06	$^{146}\text{La}(6.27 \text{ s})$	258.47(64), 924.58(7.45), 702.28(6.43)
2234.21 20	0.244 21	$^{195}\text{Tl}(1.16 \text{ h})$	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2234.3 5	0.75 4	$^{156}\text{Ho}(56 \text{ m})$	266.35(54.7), 137.83(51), 366.25(10.73)
2234.31 10	0.177 9	$^{98}\text{Nb}(51.3 \text{ m})$	787.374(93), 722.645(73.8), 1168.830(17.8)
2234.4 14	2.9 5	$^{85}\text{Se}(31.7 \text{ s})$	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2234.4 3	0.00015 5	$^{246}\text{Am}(25.0 \text{ m})$	1078.86(27.7), 798.80(25), 1062.04(17.1)
2234.6 4	0.0015 15	$^{151}\text{Nd}(12.44 \text{ m})$	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2234.81 15	0.240 24	$^{89}\text{Br}(4.40 \text{ s})$	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2234.9 8	2.3 3	$^{110}\text{Sb}(23.0 \text{ s})$	1211.87(92), 985.03(31.2), 1243.6(13.4)
2235 2	0.13 6	$^{76}\text{Br}(16.2 \text{ h})$	559.101(74), 657.041(15.9), 1853.67(14.7)
2235.2 8	0.017 9	$^{167}\text{Lu}(51.5 \text{ m})$	29.66(14.4), 239.22(8.6), 213.19(3.6)
2235.24 3	65 1	$^{30}\text{Al}(3.60 \text{ s})$	1263.23(40), 3498.37(32), 2595.3(6.2)
2235.24 3	0.060 3	$^{30}\text{P}(2.498 \text{ m})$	1552.5(0.00339), 1263.23(0.00087), 3498.37(0.00070)
2235.4 8	0.072 22	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
2235.55 62	0.09 3	$^{141}\text{Xe}(1.73 \text{ s})$	909.23(24.0), 118.705(16.1), 105.937(9.8)
2235.8 3	0.108 15	$^{109}\text{Sn}(18.0 \text{ m})$	1099.4(30), 649.90(28.0), 1321.3(11.9)
2236.0 15	0.21 7	$^{140}\text{Cs}(63.7 \text{ s})$	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2236.0 5	$\dagger 0.15 10$	$^{158}\text{Ho}(11.3 \text{ m})$	218.21($\dagger 100.0$), 98.91($\dagger 70$), 945.7($\dagger 37$)
2236.2 10	0.00022 6	$^{49}\text{Cr}(42.3 \text{ m})$	90.639(53.20), 152.928(30.32), 62.289(16.39)
2236.33 15	0.344 18	$^{58}\text{Mn}(65.3 \text{ s})$	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
2236.4 10	0.03 1	$^{138}\text{Pr}(2.12 \text{ h})$	1037.8(101), 788.742(100), 302.7(80)
2236.5 2	0.079 12	$^{138}\text{Pr}(1.45 \text{ m})$	788.742(2.4), 688.2(0.82), 1551.1(0.42)
2236.5 1	$\dagger 0.17 3$	$^{160}\text{Ho}(5.02 \text{ h})$	728.18($\dagger 100$), 879.383($\dagger 65.9$), 962.317($\dagger 59.1$)
2236.7 5	0.53 14	$^{134}\text{I}(52.6 \text{ m})$	847.025(95.4), 884.090(64.9), 1072.547(15.0)
2236.89 17	5.6 6	$^{192}\text{Au}(4.94 \text{ h})$	316.50791(58.0), 295.95827(22.3), 612.46564(4.34)
2236.9 5	0.14 3	$^{91}\text{Rb}(58.4 \text{ s})$	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2236.97 15	0.55 11	$^{203}\text{Po}(36.7 \text{ m})$	908.64(55), 1090.95(19.2), 893.49(18.7)
2237.0 5	0.014 3	$^{133}\text{Ce}(4.9 \text{ h})$	477.22(39), 510.36(20.7), 58.39(19.2)
2237.1 6	1.05 17	$^{97}\text{Rh}(46.2 \text{ m})$	189.21(49), 2245.6(14), 421.55(12.7)

• $t_{1/2} > 1 \text{ d}$

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2237.1 4	0.66 7	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2237.1 3	0.025 8	¹⁵² Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2237.25 10	3.98 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2237.29 10	0.62 4	¹⁹⁹ Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2237.8 1	0.150 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2237.8 7	0.024 8	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2237.9 4	1.2 3	⁷⁸ Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
2238.0 6	0.27 4	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2238.08 40	0.05	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2238.1 10	0.050 12	¹²⁷ Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
2238.17 23	0.0179 20	²¹⁰ At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
2238.2 10	0.009 5	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2238.3 10	0.14 3	²⁰¹ Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2238.4 6	0.146 22	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2238.60 25	0.016 4	¹³¹ La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
2239.0 3	7.7 4	⁸⁶ Se(15.3 s)	2441.1(43.0), 2660.0(21.6), 48.3(15.4)
2239.07 10	1.3 4	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
2239.2 3	0.049 4	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2239.2 3	0.178 24	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2239.2 10	0.51 11	¹⁶⁴ Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2239.28 20	7.4 5	⁹⁹ Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
2239.3 2	0.33 5	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2239.30 10	13.6 12	¹⁰⁶ Tc(35.6 s)	270.07(56), 1969.40(8.9), 2789.30(7.9)
2239.5 6	0.0048 8	³¹ S(2.572 s)	1266.12(1.103), 3133.9(0.0318), 3505.5(0.0073)
2239.7 8	0.11 6	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
2239.7 3	0.016 7	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2239.8 1	0.00041 11	⁵⁵ Cr(3.497 m)	1528.3(0.037), 2252.4(0.0031), 125.95(0.00174)
2239.8 15	0.05 3	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2239.8 7	1.18 20	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2240	>0.17	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
2240.1 3	0.15 3	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2240.3 5	0.20 4	¹⁴⁰ Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
• 2240.375 19	2.41 4	⁴⁸ V(15.9735 d)	983.517(99.98), 1312.096(97.5), 944.104(7.76)
2240.4 6	0.00050 17	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2240.4 4	0.05 3	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2240.5 2	1.31 12	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2240.69 7	1.36 4	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2240.69 7	0.25 4	⁷⁸ Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2240.8 5	0.33 10	¹⁰⁵ In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2240.87 20	0.73 3	⁹¹ Mo(65.0 s)	1507.93(24.3), 1208.09(18.7), 1032.59(0.530)
2241.0 6	0.85 23	⁷⁸ Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
2241.2 5	0.18 6	¹⁴⁸ Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
2241.2 4	0.136 25	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2241.3 5	0.26 9	⁹² Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
2241.3 4	0.14 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2241.3 1	0.438 25	¹⁵⁵ Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2241.5 4	0.21 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2241.8 2	†0.09 4	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2241.88 23	1.5 5	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2241.98 17	0.0008 7	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
• 2242.0	0.007 7	¹¹⁹ Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
2242.0 10	†1.4 5	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2242 4	0.027 18	¹⁸⁰ Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2242.0 3	†4.4 8	¹⁸³ Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2242.4 10	0.108 22	²⁰¹ Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2242.46 12	0.00206 6	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2242.46 12	0.00080 10	¹⁰⁶ Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
2242.50 25	0.17 3	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2242.5 8	0.025 9	¹⁰³ Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
2242.5 2	0.68 5	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2242.6 6	0.57 11	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2242.9 6	0.012 4	⁵⁹ Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
2242.9 5	1.0 4	¹⁰² Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
2242.95 10	0.101 8	⁸² Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
2243.0 6	†1.40 11	¹⁸⁴ Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2243.45 10	0.26	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2243.5 5	0.5	¹⁰¹ Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
• 2243.7 4	0.0323 22	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2243.9 7	10.4 7	³¹ Na(17.0 ms)	171.1(4.8), 2022.2(3.8), 623.5(3.2)
2244 1	0.050 18	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2244.3 3	0.034 11	¹⁹⁹ Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2244.4 8	0.46 13	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2244.5 12	0.041 24	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2244.6 5	0.53 13	⁶⁹ Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
2244.6 5	0.019	¹⁰⁴ Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
2244.6 5	0.06	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
• 2244.6 2	0.169 9	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2244.7 15	†16.0 6	¹⁰² Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
2244.9 4	0.11 3	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2245.0		¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2245.12 16	1.11 6	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2245.2 9	0.04 3	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
2245.3 3	0.35 8	⁹⁹ Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
2245.4 10	0.033 16	²³⁰ Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2245.6 5	0.28	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2245.6 5	14	⁹⁷ Rh(46.2 m)	189.21(49), 421.55(12.7), 1586.66(8.9)
2245.7 2	0.45 4	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2245.8 6	0.0064 9	²⁰⁹ At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2245.9 3	2.8 3	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2245.9 10	0.040 6	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2246.0 5	0.047 16	²⁴² Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
2246.06 95	0.070 23	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2246.1 3	0.042 14	⁹⁴ Sr(75.3 s)	1427.7(94), 723.8(2.40), 703.9(2.13)
2246.1	0.012 6	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2246.1 3	0.38 3	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2246.13 40	0.38 4	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2246.2 7	0.83 9	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2246.3 6	2.4	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2246.5 1	0.071 10	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2246.6 5	0.72 7	¹¹⁸ I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
2246.6 5	0.026 4	²¹⁰ At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
2246.6	0.016 3	²²⁴ Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
2246.67 35	0.00054 17	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2246.7	>0.07	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
• 2246.8 5	0.0112 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2246.9 3	0.070 6	⁶⁹ As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2246.92 20	0.13	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2247.0 3	0.32 5	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2247.0 2	0.150 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2247.1 3	0.17 3	¹⁰⁹ Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
2247.32 12	†0.46 5	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2247.4 3	0.064 6	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2247.44 12	0.00018 8	¹⁵ C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
2247.47 13	0.078 7	⁸² Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
2247.6	3.8 5	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2247.6 5	0.14 3	¹⁴⁰ Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
2247.6 8	0.180 14	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2247.8 8	0.19 7	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2247.90 20	0.0022 4	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2248.12 14	0.0178 22	⁷⁷ Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
2248.21 95	0.09 3	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
• 2248.5 1	0.316 12	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2248.5 10	†0.09 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2249	1.54 28	⁴⁹ K(1.26 s)	4272(1.76), 2023.16(0.4), 4072(0.2)
2249.0 10	0.08 3	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2249.1 3	0.0336 20	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2249.48 10	0.492 19	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2249.6 4	0.0122 24	¹²³ Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2249.61 20	0.085 12	¹⁸³ Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
2249.7 1	0.064 5	¹⁰⁷ Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
2249.7 4	0.067 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2249.7 4	0.013 3	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2249.9 8	0.0074 20	¹³³ Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2250 1	0.025 13	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2250.0 2	1.12 12	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2250.0 6	0.27 12	¹²⁷ Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
2250.1 8	0.076 16	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2250.3	1.6 2	³⁶ P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
2250.3 5	0.13 3	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2250.84 23	0.016 4	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2250.85 25	0.21 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2251.0	0.07	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2251	>0.11	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2251.2 4	0.007 4	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2251.4 5	0.14 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2251.7 4	†2.3 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2251.8 2	0.005 5	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2251.8 7	0.08 4	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2251.9 5	0.11 3	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2252.0 3	0.13 4	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
2252.05 14	0.36 3	⁹⁵ Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
2252.07	0.024 4	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 2252.09 25	0.35 3	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2252.19 16	1.03 5	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2252.26 14	2.29 7	¹³⁸ Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
2252.4 1	0.0031 4	⁵⁵ Cr(3.497 m)	1528.3(0.037), 125.95(0.00174), 1402.4(0.00133)
2252.7 2	0.25 4	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2252.8 6	0.9 3	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2252.80 15	1.09 11	¹²⁵ Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
2253.16 10	1.89 10	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2253.25 7	0.69 4	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2253.7	0.026 7	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2253.7 5	0.032 11	^{167}Lu (51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 2253.9 3	0.00147 20	^{124}Sb (60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
2253.9 2	0.078 9	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2254.0 6	0.36 10	^{97}Rb (169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
2254.0 3	0.26 4	^{142}Cs (1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2254.1 4	†8.2 10	^{37}P (2.31 s)	646.17(†100), 1582.9(†74.4), 751.32(†7.2)
2254.1 5	0.47 8	^{95}Y (10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
2254.2 5	0.09 9	^{104}Ag (33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2254.23 15	0.19 2	^{87}Br (55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2254.28 12	1.52 5	^{210}At (8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
2254.5 3	0.0013 6	^{166}Tm (7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2254.6 4	0.12 3	^{91}Rb (58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2254.90 12	0.0118 15	^{151}Nd (12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2255 1	4.4 5	^{72}Cu (6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
2255.2 2	0.0013 5	^{128}Cs (3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2255.2 4	†1.8 3	^{152}Tb (17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2255.3 7	0.034 11	^{94}Y (18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
2255.3 3	0.0025 3	^{137}Xe (3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2255.3 7	0.090 17	^{139}Xe (39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2255.4 4	0.70 9	^{131}Sb (23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
2255.4 1	0.21 3	^{133}Te (12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
• 2255.4 6	0.0076 9	^{170}Lu (2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2255.457 22	0.618 20	^{135}I (6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
• 2255.5 5	0.0060 11	^{156}Eu (15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2255.6 5	0.22 3	^{195}Tl (1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2256 1	0.008 4	^{85}Y (4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2256.1 10	0.13 7	^{70}As (52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2256.2 9	0.07 5	^{93}Rb (5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2256.2 6	0.55 13	^{97}Sr (426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
2256.5 2	0.037 15	^{205}Po (1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2256.55 17	0.66 5	^{90}Rb (258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2256.55 17	0.0090 6	^{90}Rb (158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
2256.6 4	0.18 4	^{121}Xe (40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2256.90 20	5.0 3	^{106}In (5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2257.0 1	1.75 14	^{74}Ga (8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2257.0 5	0.31 3	^{118}I (13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
2257.0 6	0.017 8	^{132}La (4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
2257.0 3	0.0018 5	^{166}Tm (7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2257	0.035	^{192}Au (4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2257.1 6	0.12 4	^{103}Cd (7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2257.1 6	†0.31 3	^{184}Ir (3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2257.2 9	0.24 18	^{57}Cr (21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
2257.2 5	0.018 4	^{115}Ag (20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2257.4 6	0.114 21	^{162}Tm (21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 2257.4 4	0.0314 13	^{170}Lu (2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 2257.42 19	†0.0027 6	^{52}Mn (5.591 d)	1434.068(†100.0), 935.538(†94.9), 744.233(†90.6)
2257.5 3	0.053 17	^{94}Tc (52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
2257.6 2	1.84 23	^{96}Rh (1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
2257.70 10	0.212 24	^{93}Ru (59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
2257.8 12	0.076 11	^{167}Lu (51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2257.8 14	0.26 10	^{181}Os (105 m)	238.75(44), 826.77(20), 118.03(12.9)
2257.9	0.46	^{149}Ho (21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2257.9 4	0.024 7	^{176}Ta (8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2258.1 2	0.65 6	^{104}Tc (18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2258.1 4	0.035 9	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2258.16 10	1.45 7	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2258.4 1	1.62 9	⁷⁵ Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2258.4 4	0.26 5	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2258.4 2	0.64 6	¹⁴² Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
2258.40 14	0.040 4	¹⁸⁰ Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2258.44 10	0.15 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2258.46 10	2.51 16	¹²⁸ In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
2258.5	>0.07	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
2258.50 13	0.40 6	¹⁸³ Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
2258.7 9	0.65 8	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2258.7 5	0.029 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2258.79 10	88 4	¹³⁰ In(0.55 s)	391.39(11.4), 96.54(4.2), 2320.72(4.1)
2258.8 6	0.050 25	¹⁴³ Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2259.0 7	0.22 5	¹⁰⁵ In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2259.07 19	†0.20 13	¹⁸⁸ Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2259.1 5	0.118 19	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2259.2 5	1.60 19	⁴⁸ Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
2259.2 4	1.0×10 ⁻⁴ 5	²⁴⁶ Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2259.35 11	45.6 15	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 3170(11.5)
2259.5 3	0.031 14	⁸⁸ Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
2259.5 8	†0.09 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2259.7 4	0.0067 23	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2259.8 8	0.068 20	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 2259.8 3	0.0114 12	¹⁵⁶ Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2260	0.035	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2260.1 4	†1.4 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2260.4 9	0.034 13	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2260.4 3	0.031 5	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2260.7 3	0.205 20	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2260.7 7	0.128 21	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2260.9 5	0.11 3	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2261.0	0.141 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 2261.0 3	0.082 10	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2261.0 10	0.17 4	²⁰¹ Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2261.1 3	0.22 3	¹³⁹ Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
• 2261.3 4	†0.021 21	¹⁰² Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
2261.5	0.03 3	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2261.6 2	†3	¹³⁹ I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
2262.0 3	0.141 19	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2262.1 6		¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2262.19 11	3.86 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 483.700(3.53)
2262.4 3	0.124 25	¹⁴³ Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2262.5 10		¹²⁹ Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
2262.5 3	0.095 19	¹³⁴ I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
2262.7 4	†0.35 7	¹⁹² Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
2262.76 91	0.040 12	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2262.9 6		¹⁴⁴ Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
2263.0 2	0.036 7	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2263.0 4	0.07 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2263.0 10	0.016 8	²³⁰ Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2263.1 3	0.15 3	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2263.1 8		¹⁵² Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2263.4 8	0.104 24	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2263.47 8	0.29 5	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2263.6 8	0.11 4	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
2263.7 3	0.50 11	¹⁴² Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
2263.7 8	0.19 7	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2264.0 6	0.07 5	⁹⁹ Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2264.34 8	0.0072 6	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2264.6 4	0.028 8	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
2264.74 7	0.84 8	⁷⁷ Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
2264.9 5	0.12 4	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2265.0 4	†2.0 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 2265.02 8	0.0131 19	¹⁷² Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
2265.1 5	0.022 4	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2265.1 8	0.09 3	²⁰⁵ Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2265.2 13	1.6 4	⁵² Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
2265.2 2	0.034 3	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2265.5 5	0.071 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2265.5 8	0.48 10	¹⁷⁶ Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
2265.6 10	0.020 8	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2265.7 4	0.101 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2265.8 15	0.017 9	¹²⁹ Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
2265.9 7	0.13 4	³⁰ Na(48 ms)	1040(10.6), 336(2.65), 1638.0(0.80)
2265.9 4	0.062 14	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2266.0 6	0.25 8	¹²⁷ Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
2266 4	0.450 25	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2266.1 1	0.111 19	¹¹⁶ Sb(60.3 m)	1293.54(100), 972.550(72), 542.872(52)
2266.4 1	0.24 3	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2266.6 5	0.19 9	¹⁰⁴ Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
2266.6 4	0.020 6	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2266.8 5	0.038 13	¹³⁸ Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
• 2266.8 5	0.0161 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2266.8 3	0.029 5	²¹⁰ At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
2266.9 4	0.04 2	¹⁸¹ Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
2267.0 10	0.42 7	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
2267.0 2	0.0413 25	¹⁴¹ La(3.92 h)	1354.52(1.64), 1693.3(0.074), 662.06(0.0259)
2267.0 15	0.028 11	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2267.20 20	1.4 3	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
2267.2 1	0.66 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2267.4 6	1.3 5	¹²⁰ In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
• 2267.4 2	0.399 15	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2267.5 8	0.025 9	¹⁰³ Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
2267.60 14	0.089 10	⁹⁵ Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
2267.7 6		¹⁴⁴ Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
2267.7 1	†0.164 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2267.8 1	0.046 6	⁹⁶ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2267.80 20	0.35 3	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2267.85 20	0.201 21	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2268.0 5	0.00011 4	⁵⁵ Cr(3.497 m)	1528.3(0.037), 2252.4(0.0031), 125.95(0.00174)
2268.0 10	0.12	²⁰⁵ At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2268.09 10	0.54 6	¹²³ Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
• 2268.15 30	0.188 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2268.2 5	0.052 8	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2268.2 6	0.15 4	²⁰⁵ Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2268.3 10	19.3	¹³² In(0.201 s)	374.3(62), 4040.8(61), 299.2(49)
2268.37 20	1.61 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2268.5 4	0.0015 15	¹⁵¹ Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2268.6 4	0.23 5	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2269	0.12	¹²⁵ Cs(45 m)	526(24), 111.8(9), 412(5)
2269.0 4	>0.014	¹⁴¹ Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
2269.0 5	0.12 4	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2269.3 5	0.078 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2269.4 4	0.12 3	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2269.42	0.029 23	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2269.5 3	0.017 3	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2269.67 14	0.73 5	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2269.7	†20	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
2269.8 7	0.19 3	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2269.9 4	0.7 1	¹⁵⁶ Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
• 2269.90 12	1.031 8	¹⁵⁶ Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2270 13	3.0 20	²¹⁰ Tl(1.30 m)	799.7(99), 298(79), 1316(21)
2270	0.0030	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2270.20 12	0.54 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2270.24	0.033	²⁰³ Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2270.39 9	2.09 10	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
2270.4 5	0.36 4	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2270.6 6	1.7 3	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
• 2270.65 9	0.501 25	¹³¹ Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
2270.7 4	0.66 9	⁷⁵ Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2270.8 3	0.120 15	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2270.9 5	0.414 20	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2271.0 5	0.051 19	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2271.1 7	0.43 6	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2271.14 12	0.29 10	²⁰⁶ At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
2271.23 20	0.016 3	¹³¹ La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
2271.3 10	0.78 8	⁶⁸ As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
2271.4 5	2.1 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2271.4 5	0.07	⁹⁵ Rb(377.5 ms)	836.9(2.9), 1089.4(0.14), 1309.1(0.12)
2271.7 2	0.42 4	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2271.8 3	0.15 3	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2271.84 15	0.00137 8	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2271.86 20	0.69 7	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2271.9	0.046 23	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2272 1	0.22 8	⁶⁷ Ni(21 s)	1937.1(0.64), 1115.3(0.49), 821.6(0.47)
2272.0 20	0.037 11	²²⁶ Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2272.1 3	0.017 3	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2272.2 5	1.3 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2272.33 15	0.0043 4	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2272.85 15	1.03 6	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2272.86 7	0.348 10	²¹⁰ At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
2272.99 23		⁵⁸ Mn(3.0 s)	1446.53(1.2), 2433.05(1.2), 2065.59(0.5)
2272.99 23	0.079 18	⁵⁸ Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
2273.0 4	†0.6 2	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2273 2	†1.6 4	¹⁹¹ Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2273.3 15	0.35 11	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2273.5 3	0.38 4	⁵³ Fe(8.51 m)	377.88(42), 1619.9(0.50), 2748.8(0.14)
2273.5 15	†>0.09	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2273.7 5	0.042 8	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2273.73 10	0.32 5	¹⁸³ Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
2273.80 17	0.76 5	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2273.9 7	0.24 5	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2274.0 8	0.0052 19	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
• 2274	0.00049 20	¹²⁴ Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
2274.1 3	0.16 3	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 2274.21 2	0.017 4	²⁰⁰ Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
2274.22	†4.2	¹³¹ Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2274.41 15	0.8 3	¹⁶⁸ Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
2274.5 10	0.037 3	⁶⁹ As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2274.5 5	0.008 3	¹⁶³ Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
2274.8 4	0.15 3	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2274.83 15	0.84 6	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2275.2	0.029 23	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 2275.40 10	0.87 3	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2275.5 5	0.084 10	¹⁰³ Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
2275.5 8	0.015 4	¹³⁷ Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
2275.57 6	0.0147 11	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2275.7 10	>0.06	¹³⁷ Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
• 2275.766 15	0.182 7	¹²⁵ Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
• 2275.8 5	0.006 3	¹²⁴ I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2275.8 3	0.46 8	¹⁸⁶ Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
2276.00 22	1.18 24	⁹⁹ Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
2276.1 6	0.006 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2276.18 20	0.7 1	¹⁵⁶ Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
• 2276.36 16	0.110 5	⁵⁶ Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
2276.5 3	0.24 9	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
• 2276.54 4	0.106 6	¹⁴⁵ Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2276.6	†2.6 8	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2276.6 1	†0.100 9	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2276.7 4	2.46 18	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 1781.8(2.1)
2276.9 4	0.38 6	⁷⁵ Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2277.0 5	0.0073 20	¹²³ Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2277.00 15	0.88 4	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2277.0 6	†0.09 5	¹⁹² Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
2277.0 5	0.041 16	²³⁰ Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2277.1 3	0.42 4	⁸⁸ Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
2277.28 15	0.159 20	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2277.3 3	0.115 19	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2277.4 6	0.19 3	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2277.6 2	0.199 25	¹⁴³ Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2277.6 7	0.55 6	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2277.88 8	0.0106 4	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2277.9	0.110 9	¹⁴¹ Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
2278.2 15	0.19 5	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2278.21 22	†18 3	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2278.3 5	0.63 9	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
2278.3 4	0.25 6	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2278.3 6	0.09 4	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2278.4 2	0.31 4	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2278.4 4	0.061 11	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2278.6 3	0.026 4	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2278.7 1	2.33 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2278.80 17	0.44 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2279.0 15	0.034	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2279.1 5	0.52 9	¹⁰⁸ Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2279.1 6	0.051 4	¹³³ Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2279.4 5	0.040 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2279.42 20	7.6 5	⁹⁹ Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
2279.5 5	0.33 10	⁶⁵ Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
• 2279.59 22	0.0054 14	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2279.9 3	0.17	⁴⁴ Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
• 2279.9 2	0.190 7	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2280.0 6	0.0075 11	⁷⁷ Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
2280.00 15	0.180 17	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2280.0 3	0.026 5	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2280.2 3	0.21 4	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2280.2 3	0.09 3	¹⁵² Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
2280.3 7	0.15 4	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2280.4 8	0.99 20	¹³² Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
2280.6 10	0.29	⁶⁷ As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
2280.6 2	0.18	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2280.8 5	0.0073 20	¹²³ Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2281.0 5	0.035 9	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2281.1 6	0.15 5	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2281.1 5	0.54 5	¹¹⁸ I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
2281.2 1	0.0024 4	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2281.7 4	0.111 11	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2281.72 11	0.95 5	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2282.05 22	†0.38 4	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
2282.290 54	0.0088 4	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2282.5 3	0.115 8	²³⁰ Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2282.6 1	0.38 3	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2282.6 5	†0.08 6	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2282.79 43	0.14 3	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2283.0 2	0.20 6	¹⁵² Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
2283.0 3	0.215 20	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2283.0 5	0.024 7	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2283.0 10	0.49 11	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2283.1 9	†0.09 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2283.15	2.5 5	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
2283.2 7	0.82 24	⁴⁵ Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
2283.22 6	1.00 5	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
• 2283.25 8	0.0078 10	¹²⁴ Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 2283.25 8	0.66 3	¹²⁴ I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2283.30 15	0.0032 5	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2283.4 15	0.17 3	²²⁸ Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2283.5 2	2.5 4	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2283.5 3	0.026 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2283.5 5	0.036 22	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2283.9 3	0.15 6	¹⁴⁰ Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
2284.0 8	5.2 6	²² F(4.23 s)	1274.53(100), 2082.5(85.1), 2165.9(67.8)
2284.0 8	0.08 3	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2284.0 5	0.129 16	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2284.1 5	0.09 9	¹⁰⁴ Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
2284.2 5	0.14 8	⁹⁶ Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
• 2284.2 5	0.014 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2284.37 6	0.0049 11	⁷⁸ Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
• 2284.39 3	0.0444 22	¹⁴⁸ Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
2284.4 7	0.0050 23	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2284.42 11	0.0189 20	^{210}At (8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
2284.5 20	0.04 2	^{181}Os (105 m)	238.75(44), 826.77(20), 118.03(12.9)
2284.6 4	1.56 13	^{148}Ho (9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
2284.6 3	0.0016 4	^{166}Tm (7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2284.64 17	0.263 19	^{78}Rb (17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2284.78 15	1.13 9	^{107}In (32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2284.8 15	0.39 13	^{117}Te (62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
2285 2	0.7 3	^{69}Ni (11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
2285	0.61 5	^{195}Tl (1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2285.1 5	0.021 6	^{114}Sb (3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2285.3 3	>0.049	^{129}La (11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
2285.5 6	0.83 9	^{106}In (5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2285.5 4	0.009 3	^{133}Te (12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2285.6 8	0.046 20	^{89}Kr (3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2285.9 4	5 1	^{52}Fe (45.9 s)	929.5(100), 869.9(93), 621.7(51)
2286 2	0.00046 23	^{136}La (9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
2286.0 3	0.16 6	^{140}Xe (13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
• 2286.2 4	0.076 10	^{188}Ir (41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2286.3 6	0.30 10	^{118}Cs (14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2286.3 9	0.077 20	^{156}Ho (56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2286.4 3	0.069 10	^{202}Bi (1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2286.5 4	†0.13 6	^{71}Se (4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
2286.6 15	0.24 3	^{228}Fr (39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2286.8 4	0.12 4	^{192}Au (4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 2287.0		^{124}I (4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2287.0 3	0.13	^{154}Pm (1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2287.0 6	0.29 10	^{178}Re (13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2287.0 6	4.9×10^{-5} 25	^{246}Am (25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2287.1 4	0.00140 25	^{137}Xe (3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2287.4 4	3.13 25	^{97}Sr (426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
2287.46 30	0.0055 11	^{122}I (3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2287.5 10	0.44 11	^{198}Tl (5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2287.7 4	0.19 4	^{103}Cd (7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2287.71 10	1.23 7	^{79}Ga (2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2287.83 12	0.45 3	^{88}Br (16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2287.9 3	0.57 8	^{130}La (8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
2288.10 15	†0.57 5	^{148}Tb (60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2288.2	4.40 18	^{43}Ti (509 ms)	845.2(2.77), 2458.5(0.91), 1408.0(0.554)
2288.2 4	†5.5 22	^{155}Nd (8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
2288.44 50	0.030	^{137}I (24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2288.5	0.16	^{43}Ar (5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2288.58 14	0.74 4	^{81}Ga (1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2288.6 3	†0.141 9	^{160}Ho (5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2288.7 3	>0.19	^{137}Nd (38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2288.90 20	0.030 3	^{105}Cd (55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2288.9 6	0.024 4	^{167}Lu (51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2288.9 10	0.071 14	^{190}Au (42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
• 2288.92 4	0.0035 17	^{200}Tl (26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
2289.0 6	1.7	^{116}Ag (2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2289.0 3	0.42	^{145}La (24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
2289.1 5	0.06 3	^{140}Eu (1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
2289.2 9	1.4 4	^{32}Al (33 ms)	1941.4(13.0), 3042.3(4.7), 4230.4(1.8)
• 2289.2 4	0.0426 22	^{170}Lu (2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2289.6 4	0.025 4	^{85}Y (4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2289.6 2	10.4 5	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2414.6(6.8)
2289.66 15	1.517 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2289.7 3	†0.29 8	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2289.8 4	0.0070 11	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2290.0 3	0.024 4	⁹⁵ Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
2290.2 6	0.12 4	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2290.2 10	0.0022 4	¹⁶² Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
2290.22 5	0.012 3	²¹⁰ At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
2290.26 15	2.9 4	¹²⁵ Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
2290.3 3	9.3 4	⁸³ Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
2290.5 5	0.08 2	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2290.5 3	0.073 12	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2290.52 7	0.058 8	¹¹¹ Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
2290.6 6	0.0036 8	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2291.0	†1.5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2291.0 5	†5.3 21	¹⁵⁵ Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
2291.1 1	0.070 6	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2291.2 7	0.0161 24	¹³³ Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2291.4 4	1.73 14	¹⁴⁸ Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
2291.6 4	0.0057 9	¹⁵¹ Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
2291.61 21	0.40 3	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2291.7 5	0.157 16	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2291.8 5	0.124 8	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
2291.83 10	1.99 13	¹²¹ Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
2292.0 20	0.050 17	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
2292.0 4	0.05 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2292.3 5	0.015 4	²⁰⁹ At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2292.60 15	0.041 4	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
2292.7 4	0.076 7	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2292.80 13	0.53 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 2292.80 13	0.0053 7	¹⁴⁵ Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2293.0 2	0.166 13	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2293.3 5	0.19	¹⁰¹ Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
2293.36 12	0.301 9	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 2293.40 12	0.0224 12	¹⁵⁶ Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2293.5 2	0.10 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2293.6 3	0.15 3	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2293.6 5	0.035 9	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 2293.71 4	0.0303 10	¹²⁴ Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 2293.71 4	0.0103 18	¹²⁴ I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2293.81 25	0.067 11	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2293.9 4	0.018 7	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2294 2	2.5 3	⁸⁴ Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
2294.1 3	0.017 8	¹⁵² Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2294.8 5	0.026 3	⁷¹ Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
2294.81 88	0.087 23	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2295.0 6	1.07 10	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
2295.48 23	†1.28 19	¹⁸⁸ Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2295.9 5	0.42	¹⁴⁵ La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
2295.9 3	0.313 20	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2296.1 3	0.037 9	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2296.13 14	0.73 5	⁹³ Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2296.18 10	0.127 13	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
2296.2 3	0.071 7	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2296.21 12	0.0038 3	¹³⁰ I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
2296.3 2	0.473 24	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
• 2296.3 3	0.033 4	²⁰⁰ Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
2296.4 7	0.056 7	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2296.5 8	0.16 6	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2296.7 5	0.036 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2296.7 9	†0.09 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2296.92 88	0.087 23	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2297.1 3	0.28 5	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2297.10 20	1.11 7	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2297.1 7		¹⁴⁴ Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
2297.2 1	0.50 5	¹⁴³ Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2297.26 10	0.0149 8	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2297.6 5	0.37 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2297.9 4	0.109 17	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2298.1 9	0.34 19	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2298.1 9	0.039 17	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
2298.1 10	0.058 23	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2298.2 6	0.16 6	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 2298.2 3	0.028 5	¹⁹⁴ Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2298.47 8	0.84 6	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2298.5 5	†2.6 13	¹⁵⁵ Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
2298.6 5	0.014 4	¹⁰⁰ Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
2298.6 4	0.07 4	²⁰⁵ Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2298.6 3	0.057 8	²³⁰ Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2298.7 4	0.059 9	¹⁰³ Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
2298.7 4	0.05 3	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2298.75 24	0.78 10	²⁰⁶ At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
2299 2	0.14 4	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2299.10 10	0.112 9	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2299.3 9	13.0 15	⁶⁰ Mn(1.77 s)	823.63(74), 1968.8(53), 492.9(18.0)
• 2299.7 5	0.013 6	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2299.93 8	0.31 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2300.0 7	11.2 12	¹¹⁷ Te(62 m)	719.7(65), 1716.4(15.9), 1090.7(6.9)
2300.0 10	0.33 7	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2300.0 4	†0.42 7	¹⁹² Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
2300.1 4	0.39 8	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2300.2 7	†0.14 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2300.26 40	0.046	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 2300.4 4	0.0037 10	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2300.5 3	0.18 3	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
2300.57 9	0.516 19	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2300.9 3	0.64 7	¹¹⁸ Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
• 2301.0 2	0.0104 9	¹⁵⁶ Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2301.2 5	0.124 16	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2301.44 21	†0.36 4	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2301.56 16	1.02 5	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2301.6 6	0.15 3	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2301.8 2	14.7 5	⁶² Co(1.50 m)	1172.9(84), 1128.9(11.1), 1985.13(1.6)
2301.8 2	1.77 16	⁶² Co(13.91 m)	1172.9(97), 1163.4(67.3), 2003.48(18.4)
2301.8 2	0.0414 20	⁶² Cu(9.74 m)	1172.9(0.34), 875.68(0.150), 1128.9(0.0324)
2301.80 20	0.27 3	⁸¹ As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
2302	†4.1	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2302.0 5	0.46 21	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2302.1	0.53 9	¹²⁹ In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
2302.0 20	0.015 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2302.3 10	1.06 10	⁹² Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
2302.3 7	0.032 5	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2302.5 5	0.057 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2302.6 6	0.07 3	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2302.7 5	0.088 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2302.85 8	0.0212 19	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2302.9 14	0.40 14	¹⁸¹ Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
2303.0 5	†0.8 3	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2303.0 3	0.034 5	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2303.2 2	†0.35 8	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2303.41 20	0.45 5	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2303.46 5	0.46 9	¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2303.5 1	0.114 14	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2303.5 3	0.059 9	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2303.7 3	0.050 11	¹⁹⁹ Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2303.8 4	0.0015 15	¹⁵¹ Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2304.0 6	0.55 14	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2304.0 4	1.23 14	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2304.2 5	0.12 4	¹²⁷ Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2304.3 13	0.010 5	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2304.4 7	0.011 4	¹³⁷ Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
2304.5 8	0.00056 25	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2304.5 4	0.027 12	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2304.7 20	0.018 11	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2304.8 7	0.0128 24	¹¹³ Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
2304.9 7	†0.09 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2304.97 16	0.29 3	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2304.97 16	0.035 4	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2305.1	0.008 6	⁸² Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
2305.2 3	0.65 7	⁹⁹ Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2305.4 20	†0.55 11	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2305.4 20	2.0 4	¹²⁰ I(53 m)	560.44(100), 601.11(87), 614.62(67)
2305.4 11	0.050 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2305.5 2	3.5 3	⁹⁸ Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
2305.8 6	0.92 8	⁹² Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
2305.8 8	0.152 23	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2306.0 15	0.027	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
• 2306.2 2	0.137 18	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2306.2 3	0.0368 20	²¹⁰ At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
2306.5 5	0.0098 24	¹²³ Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2306.5 2	0.050 8	¹⁵² Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2306.6 6	0.15 3	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2306.6 8	0.19 7	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2306.8 5	0.5	¹⁴⁵ La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
2307.0 5	0.075 25	¹⁴³ Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2307.1	†0.34 17	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2307.1 2	1.37 14	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2307.1 2		⁹⁷ Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
2307.49 15	1.45 9	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2307.5 2	0.79 16	¹⁰⁸ In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
2307.6 4	0.146 22	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2307.7 6	0.013 4	⁵³ Fe(8.51 m)	377.88(42), 1619.9(0.50), 2273.5(0.38)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2307.7 2	0.20	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2307.76 18	0.0022 3	¹³⁰ I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
2307.8 3	0.63 11	¹⁰¹ Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
2308.3 5	0.075 17	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2308.3 12	0.103 5	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2308.41 15	0.50 7	¹²³ Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
2308.5 22	0.043 7	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2308.9 5	†0.09 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2309.00 10	0.00563 14	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2309.30 20	0.00070 10	¹⁰⁶ Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
2309.3 6	0.35 7	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2309.3 3	0.0027 3	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2309.6 10	0.10 3	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2310	0.19	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2310.2 5	0.86 13	⁶⁹ Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
2310.2 5	1.4 10	¹⁰² Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
2310.2 5	1.3 9	¹⁰² Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
2310.3 3	0.039 4	¹⁴⁷ Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
2310.8 5	0.0049 14	¹²² I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
• 2310.80	0.020	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2310.8 2	†1.01 9	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2310.9 2	0.31 7	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2311	0.37	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2311.0 1	0.153 25	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2311.0 1	0.153 13	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2311.03 7	†1.64 5	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2311.1 5	0.00097 25	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2311.2 5	3.4 5	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2311.2 6	0.29 9	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2311.2 9	0.04 3	¹³⁵ Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
2311.5 20	0.21 11	¹⁶⁴ Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2311.7 2	0.023 5	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2311.7 3	0.071 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 2312.01 15	0.168 12	¹⁹⁴ Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2312.1 8	0.38 10	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2312.11 85	0.06 3	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2312.182 9	0.018 4	¹⁸⁰ Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2312.2	0.70	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2312.2 4	0.0105 23	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2312.40 13	0.196 6	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
2312.4 2	0.24 3	¹³⁴ I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
2312.4 8	0.11 7	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2312.4 3	0.022 3	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2312.52 21	0.0130 11	⁵¹ Mn(46.2 m)	749.07(0.26), 1148.01(0.078), 1164.40(0.076)
2312.57 9	0.0155 8	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2312.593 11	99.388 11	¹⁴ O(70.606 s)	1635.20(0.052), 3947.50(0.00211)
2312.75 30	0.048	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2312.8 5	†22 4	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
2312.9 5		¹⁴⁴ Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
2312.9 5	0.071 16	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2312.91 7	0.00224 17	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2313.0 20	0.056 8	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2313.0 5	0.49 9	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2313.358	0.0102 6	³³ Cl(2.511 s)	840.989(0.524), 1967.12(0.458), 2867.59(0.440)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2313.4 7	0.136 18	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
2313.6 10	0.17 3	²⁰¹ Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2313.7 2	0.63 5	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
• 2314.0 2	>0.00022	¹⁴⁸ Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
2314.0 10	0.041 8	²³⁰ Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2314.2 5	0.043 5	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2314.4 8	0.0125 20	¹³³ Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2314.5 4	0.05 3	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2314.5 6	0.48 5	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2314.6 2	0.8 4	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2314.8 5	0.027 13	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2314.9 4	0.0008 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2315.0	2.5 9	²³ F(2.23 s)	1701.44(33.0), 2129.3(22), 1822.4(15.6)
2315.0 5	0.30 6	⁸² Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
2315.1 6	0.51	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
• 2315.1 4	0.0358 18	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2315.3 10	0.017 8	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2315.4 4	†0.88 12	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2315.6 2	0.090 6	¹⁴⁷ Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
2315.7 4	0.20 3	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
• 2315.9 2	0.206 7	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2316.0 1	3.5 4	⁹⁸ Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
2316.0 2	0.048 11	¹⁰⁷ Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
2316 2	†5.7	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2316.1 21	0.0080 16	¹⁸² Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2316.42 9	0.00636 14	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2316.42 9	0.00025 8	¹⁰⁶ Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
2316.5 10	0.8 4	⁸³ As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
2316.7 5	18 4	³¹ Al(644 ms)	1694.93(10.4), 752.42(5.2), 1564.3(4.2)
2316.9 6	0.31 8	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
2317.0 2	0.25	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2317.1 5	0.24 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2317.2 4	0.084 12	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2317.4 6	0.059 10	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2317.4 5	1.13 12	¹²⁷ Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2317.54 10	1.31 5	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
2317.6 2	1.5 3	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2317.7 6	0.065 9	⁷¹ Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
2317.8 5	0.0097 16	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2317.9	0.017 6	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2318.2 3	0.40 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2318.5 8	0.17 11	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2318.5 14	0.049 4	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2318.58 21	0.49 10	²⁰⁶ At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
2318.6 3	0.051 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2318.6 2	1.06 8	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2318.6 1	0.516 25	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2318.79 13	0.258 24	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2318.8	1.1	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2318.9 1	0.052 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2318.968 10	0.00171 16	⁹⁰ Y(3.19 h)	
2318.968 10	82.03 16	⁹⁰ Nb(14.60 h)	1129.224(92.7), 141.178(66.8), 2186.242(17.96)
2319.0	0.010 4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2319.0	>0.0010	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2319.1 4	0.13 3	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2319.37 20	1.59 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2319.5 5	0.155 22	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2319.6 4	0.0073 18	²⁰⁹ At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2319.9 5	0.035 9	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2320.1 9	0.028 3	¹³³ Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2320.3 8	0.0066 22	¹³⁷ Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
• 2320.4 2	0.091 6	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2320.5 4	0.20 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2320.54 40	0.064	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2320.6 15	0.07 4	²⁰⁵ Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2320.72 10	4.1 4	¹³⁰ In(0.55 s)	2258.79(88), 391.39(11.4), 96.54(4.2)
2320.72 15	4.1 4	¹³⁰ In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
2321.18 18	0.0023 3	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2321.2 5	0.149 25	¹²⁷ Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
2321.2	0.97	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2321.2 7	0.077 10	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2321.6	2.0 3	³⁶ P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
2321.6 10	0.19 4	²⁰¹ Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2321.7 5	0.052 14	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2321.7 1	1.9 3	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2321.7 3	†1.66 25	²⁰¹ Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
2321.9 2	0.74 16	⁹⁰ Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
2321.90 16	0.62 3	¹³⁸ Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
2322	>0.008	⁹⁰ Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
2322 3	0.29 13	¹³⁵ Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
2322.0 4	0.118 14	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2322.0 15	0.030 5	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2322.0 12	†0.16 4	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2322.2 4	0.32 7	⁹⁹ Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2322.3 1	0.363 19	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2322.34 21	0.45 5	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2322.55 13	0.22 3	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2322.6 8	0.11 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2322.6 3	0.32 6	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2322.75 8	7.86 18	¹¹⁷ Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
2322.8 7	0.037 10	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2323.07	>0.006	²⁶ Si(2.234 s)	829.420(21.90), 1622.26(2.73), 1843.26(0.258)
• 2323.1 3	0.00235 20	¹²⁴ Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
2323.30 10	0.331 21	¹¹¹ Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
2323.6 3	0.035 5	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2323.7 9	0.35 7	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2323.7 5	0.071 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2323.9 3	0.148 23	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2324 1	†0.8 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2324.3	0.035 23	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2324.4 9	0.57 9	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2324.55 14	1.41 14	⁹⁵ Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
2324.6 3	1.13 15	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2324.6 8	0.55 7	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2324.6 3	9.4 8	¹⁶⁶ Lu(2.12 m)	1427.18(23.0), 2098.6(16.1), 1256.64(15.2)
2324.6 8	0.19 10	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2324.8 10	0.0018 9	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2324.82	0.015 3	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
• 2325.0 4	0.0314 22	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2325.02 40	2.2 6	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
2325.1 5	†0.077 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2325.4 4	1.3 3	¹⁰⁵ Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
2325.4 6	0.32 4	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2325.5 5	0.30 10	¹¹⁸ Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2325.7	0.8	⁴⁴ Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
2325.9 4	†2.4 5	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
2326.0 15	0.015 5	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2326.0 5	0.040 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2326.2 5	0.22 3	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
• 2326.22 25	0.085 10	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2326.6 10	0.12 6	⁷⁰ As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2326.8 4	0.0005 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2326.8 3	0.124 25	¹⁴³ Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2326.8 2	1.0 4	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2326.9 3	0.057 10	¹³⁸ Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
2327.26 6	0.11 5	⁷⁸ As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
2327.3 5		¹¹⁸ I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
2327.3 5	0.034 5	¹²³ Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2327.3 7	0.04 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2327.5 3	0.115 17	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2327.5 6	0.112 15	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2327.8 4	0.028 9	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2327.8 6	0.032 8	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2328.0 2	0.98 9	⁷⁵ Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2328.04 22	0.0221 11	⁷⁷ Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
2328.05 15	0.359 12	¹¹⁸ In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
2328.05 15	0.0106 22	¹¹⁸ Sb(3.6 m)	1229.68(2.5), 1267.23(0.511), 528.83(0.472)
2328.3 5	0.035 9	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2328.4 8	1.10 18	¹¹⁰ Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
2328.72 10	0.0043 4	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2328.78 22	0.23 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2328.80 9	0.63 4	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2328.9 11	0.0005 3	¹⁴¹ La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
2328.9 7	†6.4 7	¹⁹¹ Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2329.2 5	0.017 8	¹⁵² Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2329.2 9	0.078 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 2329.28 9	0.189 10	¹⁴⁵ Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2329.6 5	0.036 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2329.7 2	0.048 8	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
2329.7 5	0.011 3	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2330.0 8	0.036 14	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2330.04 60	0.057	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2330.2 6	0.012 5	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2330.50 10	4.99 5	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2330.5 5	0.057 8	²³⁰ Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 2330.6 6	0.0058 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2331.0 3	0.29 5	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2331.0 2	0.101 11	¹⁰⁷ Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
2331		¹³⁴ Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
2331		¹³⁴ Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
2331.2 4	0.39 3	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2331.3 2	3.4 4	⁸¹ Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2331.3	†20 8	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
2331.3 4	0.0250 23	²¹⁴ Pb(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2331.51 76	0.017 5	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2331.57	0.33	²⁰³ Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2331.60 1	0.085 5	¹⁸⁰ Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2331.90 10	2.79 17	¹²¹ Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
2331.92 15	†0.732 4	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2332.2 2	0.98 9	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2332.30 20	0.066 10	⁸¹ As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
2332.5 10	0.0023 23	¹³⁶ La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
2332.7 2	0.051 10	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 2332.7 4	0.0035 5	¹³¹ Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
2332.8 6	†0.3 1	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2332.8 8	0.14 3	¹⁴⁰ Pm(9.2 s)	773.74(5.0), 477.1(2.6), 1204.8(1.9)
2332.92 40	0.078	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2333.0 1	0.357 25	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2333.11 10	0.0047 5	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2333.2 3	0.82 9	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2333.26 5	1.98 7	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2333.3 4	1.8 3	⁷⁸ Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
2333.3 10	>0.038	¹³⁷ Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2333.32 8	0.92 4	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2333.4 18	1.2	⁵¹ Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
2333.4 10	0.08 6	⁷⁰ As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2333.8 3	0.044 11	⁶⁹ As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
• 2333.9 5	0.0108 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2334.0 5	0.064 14	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2334.2 6	0.39 4	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2334.26 70	0.067 22	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2334.3	2.8	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2334.4 12	0.035 18	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
2334.4 4	0.0055 11	¹²² I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2334.7 10	0.36 7	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
2334.7 6	0.26 7	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2334.7 4	0.0019 4	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2334.8 7	0.023 16	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2335.0 4	1.86 9	¹³¹ Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
2335.0 6	0.022 7	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2335.2 20	0.10 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2335.2 10	0.21 9	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2335.3	0.38 3	⁴³ Ti(509 ms)	2288.2(4.40), 845.2(2.77), 2458.5(0.91)
2335.3 9	0.11 3	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2335.70 22	1.75 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2335.7 8	>0.11	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2335.75 13	0.48 3	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2335.9 2	0.078 6	¹⁴⁷ Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
2336.0 5	0.25 6	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2336 1	0.014 6	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2336.0 2	0.0119 24	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2336.1 9	0.15 3	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2336.10 18	†0.13 2	¹⁸⁴ Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2336.18 15	0.276 24	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
• 2336.3 3	0.046 9	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2336.30 25	0.47 5	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2336.5 3	0.075 5	⁶³ Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2337.10 25	1.9 5	¹²³ Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
2337.2 7	0.0120 24	¹¹³ Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
2337.44 19	0.0015 9	⁵² V(3.75 m)	1434.068(100), 1333.649(0.588), 1530.67(0.116)
2337.44 19	†0.0071 10	⁵² Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1530.67(†0.0478)
2337.5 3	3.43 21	⁸³ Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
2337.8 8	0.017 8	¹⁰¹ Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
2338.0 4	<0.9	⁶⁸ Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
2338.0 4	1.3 4	⁶⁸ Cu(31.1 s)	1077.35(64), 1260.97(12.5), 1883.09(2.4)
2338.0 4	0.00150 18	⁶⁸ Ga(7.629 m)	1077.35(3.0), 1883.09(0.130), 1260.97(0.0900)
2338 2	0.09 4	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2338.0 1	0.0102 12	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2338.0 3	†0.24 8	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2338.2 3	0.19 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2338.3 6	0.041 23	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2338.3 4	0.91 9	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2338.3 12	0.11 4	²⁰⁵ Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2338.4 5	0.072 16	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2338.6 4	0.46 7	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2338.6 5	0.078 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2338.7 2	0.083 18	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
2338.7 2	0.079 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2338.8 5	0.183 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2338.9 5	0.19 5	⁹⁷ Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
2338.9 8	0.25 8	¹⁴³ Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
2339.0 9	0.066 20	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2339.1 2	3.24 25	¹²⁷ Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
2339.3 6	0.009 4	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2339.4 5	0.032 8	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2339.5	0.27	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2339.7 2	0.0116 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2339.7 5	0.39 5	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
• 2339.72 18	0.0365 21	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2339.90 15	0.12 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2339.9 1	0.014 4	⁹² Y(3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
2340.0 5	0.20 4	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2340.0 15	†0.74 9	¹⁰² Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
2340.00 15	0.33 4	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2340.0 15	0.23 6	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2340.00 23	1.1 5	¹⁶⁸ Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
2340.03 25	0.120 17	⁷⁷ Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
2340.1 5	0.067 7	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2340.4 5	0.22 5	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2340.5 10	0.025 8	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 2340.64 9	0.021 2	¹⁴⁵ Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2340.67 8	0.20 7	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2340.80 20	0.078 12	⁸¹ As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
2340.8 6	0.26 7	⁹⁹ Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2340.8 5	0.08	¹⁵⁴ Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2340.9 7	0.43 10	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2341 4	>0.09	¹⁸⁰ Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2341.4 5	0.51 16	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2341.6 3	0.151 11	¹⁹⁹ Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2341.63 4	0.472 10	⁷⁷ Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2341.73 51	0.19 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2341.8 9	0.08 4	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2342.01 13	2.27 4	³⁰ S(1.178 s)	677.28(78.4), 709.01(0.29), 3019.23(0.010)
2342.2 3	1.48 11	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2342.24 30	0.012 4	¹⁴³ Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
2342.3 10	0.042 17	¹⁰³ Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
2342.4 8	0.18 6	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2342.6 4	0.16 3	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2342.6 3	0.04 4	²⁰⁵ Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2342.65 10	0.73 5	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2342.8 5	0.094 14	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2342.8 4	†3.4 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2342.9 4	0.019 5	²⁰⁹ At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2343.1 6	0.012 3	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2343.15 16	0.187 22	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2343.4 5	0.262 11	¹⁹⁴ Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
2343.6 3	0.25 5	¹⁴² Tb(597 ms)	515.0(25), 465.0(2.7), 853.1(2.42)
2344 2	0.138 24	⁷³ Zn(23.5 s)	218.1(6.00), 910.5(1.91), 495.6(1.48)
2344 5	1.4	¹⁴⁶ Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
2344.2 5	0.20 7	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
• 2344.2		¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
• 2344.3 7	0.0040 7	¹⁵⁶ Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2344.5	0.041	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2344.5 10	0.054 17	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2344.6 4	0.22 4	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2344.7	7	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
• 2344.9 5	0.0448 18	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2345.1 8	†0.62 8	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2345.2 3	1.48 11	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2345.2 15	†>0.07	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2345.3 4	0.37 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2345.33 10	0.73 6	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2345.4 6	0.37 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2345.45 10	4.4 4	¹⁹⁷ Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
2345.56 21	0.00064 10	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2345.58 17	0.210 14	¹⁶⁸ Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
2345.7 2	1.34 25	⁶² Co(1.50 m)	1172.9(84), 2301.8(14.7), 1128.9(11.1)
2345.7 7	0.0038 23	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2345.71 15	0.14	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 2345.8 2	0.373 15	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2345.9 10	0.034 17	¹⁰³ Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
2346		⁹² Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
2346.0 3	0.116 12	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2346.2 10		⁸² As(19.1 s)	654.6(15), 1731.3(4.1), 755.2(1.81)
• 2346.42 10	0.196 11	¹⁴⁵ Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2346.48 10	1.70	¹⁵⁴ Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2346.7 7	0.12 4	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2346.87 14	0.0169 14	¹²² I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2346.9 5	0.101 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2347.2 3	0.18 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2347.3 1	0.70 5	¹⁴³ Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2347.40 25	0.44 5	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2347.4 9	0.05 5	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 2347.5 4	0.65 7	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2347.6 6	0.020 7	¹³⁷ Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
2347.7 10	0.036 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 2347.88 5	0.85 3	¹⁴⁰ La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
2347.88 5	0.0073 8	¹⁴⁰ Pr(3.39 m)	1596.210(0.50), 306.9(0.151), 751.637(0.032)
2348.4 3	0.0011 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2348.5 3	0.58 6	⁷⁵ Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2348.7 10	0.034 11	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
2348.7 6	1.1	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2348.8 10	†1.2 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2349 1	0.11 4	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
2349 1	<0.06	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2349.0 10	0.0106 16	¹³³ Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2349.0 1	0.050 6	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2349.3 9	0.08 4	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2349.53 24	9.5 6	⁸⁶ Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
2349.58 17	0.61 5	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2349.92 6	0.64 3	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2349.96 10	7.4 4	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2350.1 3	0.028 3	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2350.2	†18	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
2350.9 4	2.0 3	⁷⁶ Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
2351.0 4	0.036 7	¹³⁹ Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
2351.3 5	0.13 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2351.4 5	0.6	¹⁴⁵ La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
2351.59 10	0.304 23	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2351.62 15	0.16	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2351.7	0.7 2	³³ Ar(173.0 ms)	810.51(42.1), 1541.2(1.0)
2351.7 2	0.56 4	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2352.08 4	0.730 21	⁸⁸ Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
2352.09 82	0.085 17	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2352.1 3	0.9 3	¹⁰⁸ Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
• 2352.3 5	0.0493 18	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2352.4 10	0.25 9	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2352.6 6	0.026 9	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2352.6 4	†0.064 18	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2352.7 15	0.28 8	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2352.7 4	0.090 16	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2352.7 10	0.0011 6	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2352.80 23	†24 5	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2352.9 10	0.47 13	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2353 3	11.2 19	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
2353.02 9	0.139 10	²¹⁰ At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
2353.3 4	0.30 3	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2353.4 7	0.0049 5	⁷⁷ Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
2353.4 10		⁸² As(19.1 s)	654.6(15), 1731.3(4.1), 755.2(1.81)
2353.4 4	0.51 4	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2353.46 19	44.5 14	⁷⁴ Ga(8.12 m)	595.847(91), 608.353(14.3), 867.898(8.7)
2353.6 5	14.12 21	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 1260.53(8)
2353.6 10	0.21 5	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2353.7 3	0.53 10	¹⁴² Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
2353.97 20	0.0017 3	¹⁹ O(26.91 s)	197.142(95.9), 1356.843(50.4), 109.894(2.71)
2354.4 5	0.183 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2354.4 2	0.042 4	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2354.4 7	0.29 3	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2354.5 3	0.36 8	¹³¹ Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
2354.6 10	0.0017 8	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2354.7 4	†0.19 8	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2354.74 6	7.4 4	¹²³ Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
2355.0 5	†0.114 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2355 2	1.1 5	¹⁶⁸ Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
2355.0 20	0.04 2	¹⁸¹ Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
2355.1 3	0.49 7	¹⁷² Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
2355.3 10	0.7 3	⁹⁰ Tc(49.2 s)	1054.3(100), 948.1(100), 944.7(36.6)
2355.3 7	1.2 4	¹²⁰ In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
2355.5 6	3.1 5	⁵³ Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
2355.8 2	0.83 4	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2355.81 23	0.35 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2356.0 4	0.77 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2356 3	0.08 4	¹³⁵ Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
2356.29 15	0.19	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2356.4 2	6 3	¹¹⁹ Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
2356.8 5	0.016 8	²³⁰ Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2356.88 12	2.47 11	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2357.0	†0.8	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2357.1 3	0.11 2	¹⁰⁷ Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
2357.43 15	7.89 20	⁴⁵ Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
2357.6 3	0.0092 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2357.7 6	0.0055 18	²⁰⁹ At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2357.8 4	0.88 17	⁸⁰ As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
2357.8 10	0.57 5	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2357.9 5	0.05 3	²⁴² Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
2358.0 3	2.11 25	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2358.0 5	0.35 10	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2358.0 3	0.50	²⁰⁷ Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
2358.20 14	0.29 5	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2358.205	>0.005	³⁹ Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
2358.3 5	1.03 23	⁷⁸ Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
2358.3 3	0.196 20	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2358.5	0.007 4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2358.5 3	0.114 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2358.56 7	2.04 5	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2358.6 3	0.328 23	⁶¹ Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
2358.7 1	0.0045 8	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2358.7 7	†3.3 6	¹⁹¹ Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
• 2359.2 2	0.023 5	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2359.30 14	†0.55 4	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
2359.3 3	0.159 15	¹³⁹ Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
2359.4 3	1.4	¹⁴⁵ La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
2359.4	0.05 3	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2359.45 16	0.325 23	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2359.5 5	0.40 10	¹¹⁸ Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2359.88 60	0.034	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2360.0 3	1.0 1	¹⁵⁶ Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
2360 30	8 3	²¹⁰ Tl(1.30 m)	799.7(99), 298(79), 1316(21)
2360.2 5	0.053 14	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2360.2 4	0.13 7	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 2360.4 2	>0.07	¹¹⁹ Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2360.80 25	0.35 7	¹²⁵ Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
2360.9 4	0.022 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
• 2360.9 5	0.035 15	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2360.9 6	0.0018 6	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2361.0 10	0.066 11	⁶⁹ As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2361 5	0.010 10	¹¹⁸ Sb(5.00 h)	1229.68(100), 253.68(99), 1050.69(97)
• 2361.2 3	0.0168 11	¹⁵⁶ Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2361.5 5	0.16 3	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2361.5 2	0.21	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2361.6 7	†10.2 11	¹⁹¹ Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2361.8 1	0.047 4	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2361.9 3	0.090 17	¹⁹⁹ Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2362.00 15	0.30 4	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2362.1	†14.2	¹⁴⁴ Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
2362.20	0.041	²⁰³ Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2362.36 13	0.165 18	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2362.4 4	0.45 5	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2362.4 6	0.039 9	¹¹² Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2362.7 1	†0.32 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2362.78 12	0.065 4	¹¹⁸ In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
2362.80 20	0.22 6	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
2362.8 3	0.41 4	¹³⁶ I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
2362.9 3	†0.81 5	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2362.9 5	0.31 5	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2362.91 14	0.54 5	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2363 1	0.025 12	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2363.3 4	0.0035 4	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2363.3 7	0.095 18	²⁰⁵ At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2363.4 2	0.40 4	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2363.4 15	†1.9 6	¹⁹¹ Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2363.7 4	0.0136 18	²⁰⁹ At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2363.74 16	0.280 17	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2364.1 3	0.011 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
• 2364.10 15	1.45 4	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2364.3 5	0.17 7	¹⁰⁵ In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2364.4 9	0.43 5	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2364.6 13	0.049 3	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2364.7 6		¹³ O(8.58 ms)	3502, 1133
2364.7 3	0.031 14	⁸⁸ Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
2364.72 11	1.55 9	⁹³ Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2364.8 3	0.093 24	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
2364.8 5	0.0039 20	¹¹⁵ Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
2364.83 10	8.0 4	¹²¹ Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
2365.1 5	0.53 8	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
2365.1 3	0.86 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2365.1 6	0.15 3	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2365.2 3	0.039 5	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2365.2 6	†0.27 6	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2365.3 3	†10.3 6	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 2365.3 3	0.073 13	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2365.45 20	0.071 10	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 2365.56 20	0.040 6	¹⁹⁴ Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2365.6 5	>0.013	¹³⁷ Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2365.7 8	0.20 4	$^{103}\text{Cd}(7.3 \text{ m})$	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2365.8 6	0.088 25	$^{121}\text{Xe}(40.1 \text{ m})$	252.7(13), 132.8(10.9), 445.2(7.7)
2365.9 4	0.060 10	$^{202}\text{Bi}(1.72 \text{ h})$	960.67(99), 422.18(83.7), 657.49(60.6)
2366.0 6	0.13 5	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
2366.0 10	0.16 6	$^{150}\text{Pr}(6.19 \text{ s})$	130.2(32), 722.5(7.0), 852.7(6.1)
2366.0 5	0.54 5	$^{195}\text{Tl}(1.16 \text{ h})$	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2366.04 7	0.0233 6	$^{106}\text{Rh}(29.80 \text{ s})$	511.842(20), 621.94(9.93), 1050.39(1.56)
2366.04 7	0.00035 10	$^{106}\text{Ag}(23.96 \text{ m})$	511.842(17.0), 621.94(0.316), 873.48(0.199)
2366.3 5	0.0084 6	$^{47}\text{V}(32.6 \text{ m})$	1793.9(0.19), 159.369(0.107), 244.4(0.094)
2366.6 4	0.0031 5	$^{166}\text{Tm}(7.70 \text{ h})$	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2366.78 20	0.8 1	$^{156}\text{Pm}(26.70 \text{ s})$	173.75(52.0), 1147.84(20.5), 117.42(13.8)
2366.97 22	0.134 17	$^{139}\text{Xe}(39.68 \text{ s})$	218.59(56), 296.53(21.7), 174.97(11.3)
2367 1	0.67 9	$^{129}\text{In}(0.61 \text{ s})$	2118.0(45), 1865.0(32), 769.3(9.1)
2367.0 5	0.084 17	$^{199}\text{Pb}(90 \text{ m})$	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2367.08 7	0.220 15	$^{132}\text{La}(4.8 \text{ h})$	464.55(76), 567.14(15.7), 1909.91(9.0)
2367.3 15	$\dagger > 0.14$	$^{160}\text{Ho}(5.02 \text{ h})$	728.18(\dagger 100), 879.383(\dagger 65.9), 962.317(\dagger 59.1)
2367.5 6	0.018 11	$^{167}\text{Lu}(51.5 \text{ m})$	29.66(14.4), 239.22(8.6), 213.19(3.6)
2367.6 5	0.0098 20	$^{123}\text{Xe}(2.08 \text{ h})$	148.9(49), 178.1(14.9), 330.2(8.6)
2367.6 10	0.0078 20	$^{133}\text{Ce}(4.9 \text{ h})$	477.22(39), 510.36(20.7), 58.39(19.2)
2367.65 20	0.0066 9	$^{137}\text{Xe}(3.818 \text{ m})$	455.490(31), 848.95(0.62), 1783.43(0.415)
2367.7 3	0.65 4	$^{158}\text{Eu}(45.9 \text{ m})$	944.09(25), 977.131(13.6), 79.5104(11)
2367.7 8	$\dagger 0.10 7$	$^{158}\text{Ho}(11.3 \text{ m})$	218.21(\dagger 100.0), 98.91(\dagger 70), 945.7(\dagger 37)
2367.8 1	0.204 13	$^{146}\text{La}(6.27 \text{ s})$	258.47(64), 924.58(7.45), 702.28(6.43)
2367.9 1	0.204 13	$^{146}\text{La}(6.27 \text{ s})$	258.47(64), 924.58(7.45), 702.28(6.43)
2368 1	0.013 6	$^{83}\text{Y}(7.08 \text{ m})$	35.50(0.44), 882.1(6.30), 489.90(5.53)
2368.0 6	0.26 8	$^{103}\text{Cd}(7.3 \text{ m})$	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2368.1 5	0.036 14	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
2368.2 3	0.19 3	$^{158}\text{Tm}(3.98 \text{ m})$	192.13(62), 335.10(16.8), 1149.83(7.6)
2368.24 20	0.085	$^{137}\text{I}(24.5 \text{ s})$	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2368.3 2	1.12 19	$^{149}\text{Er}(8.9 \text{ s})$	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2368.3 4	0.0109 18	$^{209}\text{At}(5.41 \text{ h})$	545.0(91), 781.9(83.5), 790.2(63.5)
2368.4 5	5.4×10^{-5} 13	$^{144}\text{Pr}(17.28 \text{ m})$	696.510(1.3), 2185.662(0.694), 1489.160(0.278)
2368.5 6	0.14 5	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
2368.6 10	0.46 7	$^{69}\text{Se}(27.4 \text{ s})$	97.98(66), 66.4(24.8), 691.8(16.6)
2368.74 20	0.50	$^{154}\text{Pm}(1.73 \text{ m})$	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2368.8 5	0.016 3	$^{224}\text{Fr}(3.30 \text{ m})$	215.985(33.1), 131.613(16.3), 836.90(9.8)
2368.9 8	0.11 3	$^{156}\text{Ho}(56 \text{ m})$	266.35(54.7), 137.83(51), 366.25(10.73)
• 2368.93 22	0.0077 9	$^{146}\text{Eu}(4.59 \text{ d})$	747.2(98), 633.03(43), 634.07(37)
2369.1 9	0.20 9	$^{101}\text{Sr}(118 \text{ ms})$	128.34(18.0), 1124.82(10.9), 510.73(8.5)
2369.3 6	$\dagger 0.7 3$	$^{138}\text{Pm}(3.24 \text{ m})$	520.9(\dagger 100), 729.0(\dagger 37.8), 493.1(\dagger 21.6)
2369.3 6	0.0024	$^{214}\text{Bi}(19.9 \text{ m})$	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2369.39 10	0.56 8	$^{87}\text{Br}(55.60 \text{ s})$	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2369.5 10	> 0.11	$^{209}\text{Rn}(28.5 \text{ m})$	408.32(50.3), 745.78(22.8), 337.45(14.5)
2369.77 15	1.07 8	$^{121}\text{Cd}(8.3 \text{ s})$	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
2369.8 6	0.28 9	$^{76}\text{Ga}(32.6 \text{ s})$	562.93(66), 545.51(26.0), 1108.41(15.8)
2370.0 6	0.113 25	$^{121}\text{Xe}(40.1 \text{ m})$	252.7(13), 132.8(10.9), 445.2(7.7)
2370.0 7	0.147 16	$^{136}\text{Pr}(13.1 \text{ m})$	552.16(76), 539.75(52), 1092.3(18.5)
2370.0 5	0.37 3	$^{208}\text{At}(1.63 \text{ h})$	686.527(98), 660.040(89), 177.595(48.6)
2370.41 15	1.9 2	$^{126}\text{In}(1.60 \text{ s})$	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
2370.5 5	0.05 3	$^{242}\text{Np}(2.2 \text{ m})$	735.93(5), 780.44(2.76), 1473.1(2.34)
2370.8 1	0.0077 8	$^{126}\text{Cs}(1.64 \text{ m})$	388.633(41), 491.243(5.0), 925.24(4.56)
2370.9 3	0.53 5	$^{198}\text{Tl}(5.3 \text{ h})$	411.8044(82), 675.8874(11), 636.4(10.1)
2371.0 5	0.48 5	$^{105}\text{In}(5.07 \text{ m})$	131.37(41), 260.21(15.7), 604.11(9.2)
2371		$^{125}\text{Cs}(45 \text{ m})$	526(24), 111.8(9), 412(5)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2371.0 8	0.075 20	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 2371.3	0.012	¹⁹⁴ Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2371.5 4	0.14 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2371.7 5	0.49 9	⁴⁹ Ca(8.715 m)	3084.4(92), 4071.9(7.0), 1408.9(0.63)
2371.7 5	0.085 19	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2371.76 69	0.061 19	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2371.8 4	0.041	²⁰³ Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2371.9 7	7.5 8	⁷² Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
2372.0 20	0.13 4	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2372.0 3	†0.38 7	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2372.38 7	1.00 8	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2372.4 4	0.131 14	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2372.5 8	0.80 7	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
2372.5 4	0.035 8	¹¹⁴ Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
2372.6 5	0.033 3	²²⁴ Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
2372.8 9	0.012 6	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2373.1 5	0.087 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2373.1 11	0.080 22	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2373.3 4	1.27 25	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2373.45 25	0.040 6	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2373.5 6	†0.22 3	¹⁸⁴ Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2373.6 6	0.0188 24	¹³³ Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2373.67 17	1.52 6	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
• 2373.7 4	0.080 10	⁵⁶ Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
2373.7 3	0.22 11	²⁰³ Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
2373.9 3	0.76 9	¹⁴² Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
2373.9 6	0.17 3	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2374.0 10	>0.08	¹⁶¹ Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
• 2374.16 35	0.031 7	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2374.2 7	0.014 4	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2374.2 3	0.019 4	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2374.35 12	7.00 17	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
2375.0 9	0.10 3	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2375.20 30	0.0075 23	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 2375.211 19	0.010 5	⁴⁸ V(15.9735 d)	983.517(99.98), 1312.096(97.5), 944.104(7.76)
2375.3 10	0.15 8	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2375.3 15	†0.68 14	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2375.3 3	†21.1 14	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2375.6 10	0.92 13	⁶⁹ Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
2375.7 5	1.04 9	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2375.8 2	0.19 5	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2375.9 2	0.157 17	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2375.95 11	0.080 7	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2376.0 4	0.93 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2376.1	1.2 4	⁹⁸ Cd(9.2 s)	347.18(78), 1176.1(66.3), 107.28(43.7)
2376.1 3	35.3 24	¹⁰⁰ Rh(20.8 h)	539.59(78.4), 1553.4(21), 822.6(20.1)
2376.1 5	0.42 12	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2376.1 4	0.14 7	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2376.26 24	0.66 6	²⁰⁴ Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
2376.3 10	0.114 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2376.5 4	0.09 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2376.5 5	0.45 4	²³⁰ Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
2376.6 12	0.030 11	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2377.0 10	0.062 13	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2377.0 3	0.136 21	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2377.0 7	0.31 6	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2377.0 3	0.010 4	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2377.1 5	0.6	¹⁴⁵ La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
2377.14 10	15.8 9	¹³⁰ In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
2377.34 23	0.36 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2377.4 4	2.5 8	⁸¹ Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
2377.4 9	0.80 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2377.84 8	0.0189 19	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2377.9 9	0.20 4	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2377.9 9	†>0.09	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2378.2	0.06 4	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2378.29 10	0.099 7	⁹⁶ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2378.3 4	0.32 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2378.4 15	†0.90 18	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2378.5 3	0.094 5	⁸⁷ Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
2378.6 9	0.14	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2378.7 14	1.1	⁵¹ Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
2378.9 3	0.49 5	¹⁰⁷ Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
2379.0 4	0.56 11	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2379	†0.9	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2379.0 5	0.063 13	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2379.1 5	0.085 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2379.3 15	0.13	¹¹⁷ Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
2379.4 12	26 8	¹³¹ In(0.32 s)	4273.20(99), 2095.5(44), 284.48(44)
2379.7 10	29 4	¹³² In(0.201 s)	374.3(62), 4040.8(61), 299.2(49)
2379.8 6	0.0048 17	¹⁶⁸ Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 2379.90 20	0.0091 11	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2380.0 4	0.29 3	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2380.1 7	0.31 6	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2380.24 25	1.4 3	¹²⁵ Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
2380.30 20	0.092	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2380.42 15	0.065 6	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2380.66 7	0.216 12	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2380.74 26	†0.17 4	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
2380.8 2	1.12 12	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2380.8 5	0.0008 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2381.0 1	0.255 19	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2381.14	0.037 10	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
2381.3 5	1.0 4	¹²⁵ Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
2381.3 2	0.6 3	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2381.4 20	0.109 16	⁶¹ Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
2381.5 5	0.17 7	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2381.87 24	0.22 3	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2382.0 10	0.16 8	¹²⁴ Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
2382.4 10	0.82 18	¹¹⁰ Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
2382.5 4	0.0099 20	⁹⁵ Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
2382.6 3	5.1 4	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2382.66 12	0.048 3	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2382.7 3	0.21 3	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
2382.8 3	†0.19 4	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2382.9 25	0.44 4	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2383.31 21	†84 13	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2383.50 30	0.216 22	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2383.5 6	0.06 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2383.7 5	0.38 4	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2383.91 10	0.0125 11	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2384.1 3	0.025 8	¹⁵² Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2384.3 6	0.067 6	¹⁴² Pm(40.5 s)	1575.85(2.0), 641.4(0.384), 2845.9(0.047)
2384.3	0.014 5	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2384.4 12	0.043 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2384.6 10	0.94 8	⁶⁸ As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
2384.7 5	†4.3 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2385.3 4	0.14 7	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2385.5 3	0.162 13	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2385.5 2	0.126 10	¹⁴³ La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
• 2385.7 4	0.019 6	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2385.9 4	0.10 5	²⁰⁴ Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
• 2386.1 8	0.0194 24	¹²⁴ I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2386.2 5	0.52 12	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2386.2 5	0.12 3	¹⁹⁴ Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
2386.3	31.6 19	³⁵ Si(0.78 s)	4100.7(36.5), 3859.5(32.7), 241.3(27.0)
2386.66 19	0.64 5	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2386.72 23	0.224 24	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2386.8 20	>0.24	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2386.8 3	0.0079 20	²¹⁰ At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
2386.82 76	0.045 21	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2386.9 2	0.224 25	¹⁴³ Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2387.1 10	0.06 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2387.3 2	0.054 13	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2387.4 5	0.45 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
• 2387.55 7	0.0269 20	¹⁴⁵ Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2387.6 10	0.36 17	⁶⁵ Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
2387.7 3	0.42 4	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2387.7 12	0.68 14	¹⁰¹ Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
2387.9 2	0.34 3	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2387.9 4	0.077 10	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2388.0 6	0.028 9	⁸⁸ Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
2388.0 5	0.17 3	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2388.0 5	0.018 5	²²⁴ Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
2388.1 2	1.19 18	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2388.3 2	0.057 5	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2388.47 30	2.0 3	¹³⁰ In(0.55 s)	2258.79(88), 391.39(11.4), 96.54(4.2)
2388.47 30	1.16 18	¹³⁰ In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
2388.5 6	0.051 14	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2388.5 3	0.11 3	¹⁰⁷ Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
2388.7		⁹⁹ Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
2389.0 1	10.7 8	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
• 2389.0 2	0.196 9	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2389.1 8	18.7 27	²⁶ Na(30.5 ms)	1473.3(37), 3087.2(2.6), 3083.4(1.3)
2389.1 8	0.6 1	²⁹ Na(44.9 ms)	1473.3(18.4), 3083.4(0.17), 3087.2(0.15)
2389.1 4	0.24 5	¹¹⁵ Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
2389.1 5	0.0049 15	¹²³ Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2389.3 3	0.72 10	¹¹⁹ Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
2389.3 3	0.044 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2389.4 3	1.5 4	¹⁰⁸ Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
2389.5 5	0.12 4	¹²⁷ Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2389.5 10	0.105 10	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2389.5 2	0.196 20	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2389.6 10	0.12 4	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
2389.6 5	0.062 25	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2389.8 5	0.12 3	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2389.9 5	†4.5 15	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2390		¹¹² In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
2390.2 10	1.14 19	¹²⁰ In(3.08 s)	1171.3(19), 2039.8(1.86), 703.8(1.42)
2390.2 4	0.0097 17	¹⁶⁸ Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
2390.3 2		¹⁰⁶ In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
2390.3 2		¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2390.3 20	>0.24	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2390.48 15	0.188 20	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2390.598	0.0044 7	²³ Mg(11.317 s)	439.986(8.2), 1950.652(0.0025)
2390.6 3	0.92 6	⁷⁵ Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2390.60 10	0.00651 14	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2390.9 2	0.032 8	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2390.9 14	0.027 13	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2390.9 6	0.0019 6	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2391.2 5	0.19	¹⁰¹ Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
2391.2 14	†2.6 5	¹⁹¹ Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2391.25 10	4.7 3	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2391.26 12	0.314 13	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2391.3 2	†0.136 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2391.35 6	0.97 7	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
2391.7 7	0.176 22	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2391.75 30	0.26 3	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2391.8 9	0.11 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2391.9 7	0.25 9	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2391.93 17	0.0035 4	⁷⁸ Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
2391.94 22	3.9 3	¹⁴⁸ La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
2392.0 4	0.011 4	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
2392.1 14	34.6 1	⁸⁸ Kr(2.84 h)	196.301(25.98), 2195.842(13.18), 834.830(12.98)
2392.3 6	0.104 21	¹⁹⁴ Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
2392.3 10	0.25 3	²²⁸ Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2392.43 3	9.4 7	¹²⁵ Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
2392.7 20	1.7 3	¹⁹⁶ Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
2392.8 4	2.2 3	⁷⁶ Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
2392.9 4	†0.66 18	¹⁸⁸ Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2393 1	0.012 6	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2393.04 15	0.142 13	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2393.10 15	0.246 6	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
2393.2 4	0.47 19	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
2393.45 15	0.703 20	¹²³ Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
2393.53 15	0.081 6	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2393.69 9	0.178 5	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2393.7 2	0.05 4	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2393.8 9	0.041 20	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2394.0 15	0.044 15	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2394.0 4	0.067 16	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2394.2 10	0.6 4	¹¹⁹ Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
2394.2 10	1.2 7	¹¹⁹ Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
• 2394.3 2	0.165 25	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2394.40 25	0.162 10	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2394.51 5	0.0214 11	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2394.6 2	0.12	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2394.7 6	0.085 10	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2394.79 55	0.102 23	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2394.81 8	0.0293 13	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2394.82 36	3.0 15	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
2394.9 1	0.065 10	¹¹⁴ Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
2395.1 7	0.13 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2395.1 7	0.25 4	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2395.3 2	0.35 5	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2395.4 1	0.140 13	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2395.6 5	0.042 8	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2395.7 10	0.10 6	¹⁰⁰ Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
2395.9 6	0.069 10	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
2395.9 4	0.11 5	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2396.0 2	†0.64 13	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2396.0 20	0.04 2	¹⁸¹ Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
2396.1 2	2.82 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2396.1 2	0.14 5	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2396.2 3	0.92 10	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2396.2 6	0.028 9	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2396.5 5	0.21 4	⁸⁸ Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
2396.5 4	0.016 6	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2396.5 4	0.035 6	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2396.5 4	0.58 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2396.54 10	0.320 23	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2397.3 23	†2	⁸⁷ Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
2397.3 2	0.082 8	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2397.3 2	0.038 3	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2397.5 3	0.22 4	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2397.6 15	†>0.14	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2397.7 1	0.363 25	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
• 2397.7 10	0.0038 8	¹⁹⁴ Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2397.75 39	0.72 6	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2397.8 9	13.3 3	¹⁴² La(91.1 m)	641.285(47), 2542.7(10.00), 894.9(8.34)
2398.01 7	0.45 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2398.1 8	0.072 20	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
• 2398.1 3	0.045 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2398.15 15	0.67 3	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2398.2 2	0.180 11	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2398.3 3	0.122 17	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2398.4 4	†2.5 6	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2398.6 6	1.12 9	¹³¹ Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
2398.7 3	0.120 11	⁶⁹ As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2398.7 4	0.0026 8	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2399.14 25	0.184 12	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2399.2 3	0.078 11	¹⁹⁹ Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2399.2 4		¹⁹⁹ Pb(12.2 m)	366.90(7), 382.8, 2751.9
2399.4 7	†0.33 4	¹⁸⁴ Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2399.7	0.39	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2399.71 14	0.412 16	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2399.74 25		¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2400.0 16	0.023 11	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
• 2400.15 20	0.405 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2400.2 5	0.023 7	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2400.3 3	0.0007 5	⁷³ Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
2400.37 15	0.044 3	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2400.45 16	0.76 5	¹¹⁷ Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
• 2400.7 2	0.214 9	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2400.86 69	0.21 4	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2400.99 9	0.72 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2401.06 17	1.19 6	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2401.1	0.10	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2401.1 6	0.085 14	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2401.3 7	0.355 14	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2401.5 10	0.018 11	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2401.8 6	0.045 19	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2401.8 4	0.108 18	¹⁰¹ Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
2402.0 7	0.24 4	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2402.2 3	0.0239 19	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 2402.2 3	0.0159 8	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2402.4 2	0.22 3	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2402.7 12	0.0046	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2402.7 4	0.040 8	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2402.89 21	0.015 4	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 2402.89 21	0.101 4	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2403.05 25	0.0018 4	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2403.2 10	6.7 7	¹²⁰ I(53 m)	560.44(100), 601.11(87), 614.62(67)
2403.2 10	>0.51	¹⁷⁶ Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
2403.2 10	<1.2	²⁰¹ Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2403.3 6	0.77 8	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
2403.5 6	0.064 16	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2403.6 6	†1.3 4	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2403.7 6	0.071 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2403.75 13	0.263 22	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2403.9 9	†2.0 9	¹⁶⁰ Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
2404	†1.9	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2404	>0.11	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2404.3 4	0.024 4	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2404.4 8	0.16 5	⁵⁰ Mn(1.75 m)	783.29(100), 1097.97(98.5), 1443.28(69)
2404.4 1	0.344 19	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2404.5 15	0.014 7	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2404.7 8	0.015 8	¹⁰¹ Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
2404.7 6	0.102 20	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
• 2404.74 22	0.0124 11	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2404.84 20	0.0417 24	¹⁶⁸ Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
2404.9 2	0.097 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2405.0 3	†35.2 22	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2405.1 4	0.198 19	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2405.1 5	0.0041 14	²¹¹ Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
2405.1	>0.0010	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2405.2 2	0.49	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2405.68 60	0.027	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2405.7 3	0.15 3	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2405.96 9	0.0145 4	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
• 2406.2 3	0.035 7	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2406.7 3	1.0 1	¹⁵⁶ Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
2407.6 1	0.1311 24	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2407.7 10	0.02 1	¹⁴⁰ Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2408.2	3.3 6	⁷² Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
2408.0 10	0.74 8	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
2408.0 3	0.038 5	¹⁰³ Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
2408.16 7	1.9 6	¹²³ Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
2408.23 15	0.43 6	¹²² In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
2408.3 5	0.16 4	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2408.4 4	0.0054 18	¹⁸⁰ Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2408.5 2	0.228 20	⁸⁷ Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
2408.6 4	0.0094 8	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2408.65 3	0.96 3	¹³⁵ I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
2408.7 3	0.9 4	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2408.8 3	0.35 9	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2408.8 4	†7.8 23	¹⁵⁵ Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
2408.91 7	0.104 10	⁸⁸ Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
2409.0 3	0.075 11	¹³⁴ I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
2409.0 10	0.10 3	¹⁵⁰ Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
2409.1	0.39	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2409.24 9	0.316 16	⁹³ Tc(2.75 h)	1363.02(66), 1520.37(24.4), 1477.13(8.7)
2409.7 5	†0.19 8	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2409.9 20	0.018 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2409.92 20	2.3 3	¹³⁰ In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
2410.0 7	0.88 10	⁵⁷ Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
2410.0 3	0.32 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2410.2 3	0.0099 20	⁹⁵ Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
2410.26 5	0.0209 11	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
2410.7 4	0.017 3	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2410.8 3	0.25 4	¹²¹ Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
2410.9 3	0.130 10	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2411.0 1	0.172 19	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2411.1 4	0.10 4	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2411.3 5	0.0049 15	¹²³ Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2411.44 15	0.308 22	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2411.7 4	†0.27 4	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
2411.72 28	0.21 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2411.74 15	0.13 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2411.8 20	0.06 3	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2411.83 30	0.43 7	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
• 2411.90 15	0.80 3	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2412.0 2	1.21 12	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2412.03 48	0.091 21	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2412.1 7	0.20 5	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2412.3 2	0.0043 10	⁹¹ Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
• 2412.3 6	0.017 3	¹⁹⁴ Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2412.4 4	1.94 15	¹⁴⁸ Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
2412.9 4	0.23 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2413.0 5	0.73 3	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2413.0 5	0.0013 6	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2413.1 3	0.94 14	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2413.2 6	1.45 8	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
2413.3 2	0.34 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2413.5 6	0.068 8	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2413.7 3	0.34 5	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2413.7 3	0.34 3	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2414 1	0.046	¹²⁵ Cs(45 m)	526(24), 111.8(9), 412(5)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2414.0	0.007 4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2414.1 9	0.04 3	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2414.1 2		¹⁰⁶ In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
2414.1 2		¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2414.2 2	0.08 8	¹¹⁷ Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
2414.2 12	0.017 5	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2414.2 5	0.24 5	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2414.2 10	0.59 5	²²⁸ Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2414.6 2	6.8 3	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
2414.7	5.0 13	²³ F(2.23 s)	1701.44(33.0), 2129.3(22), 1822.4(15.6)
2414.8 2	0.41 8	¹⁰⁸ In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
2414.97 4	0.036 7	⁵⁹ Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
2415.0 5	0.022 4	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2415.1 6	0.07 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2415.2 5	0.018 5	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2415.2 6	0.39 20	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2415.62 7	0.55 6	¹²² In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
2415.62 7	1.09 8	¹²² In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2415.8 4	0.026 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2416.0 10	0.088 22	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2416.2 8	8.4 17	¹³³ Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
2416.3 3	0.107 20	⁹³ Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2416.4 3	4.8 4	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2416.58 5	0.0335 21	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2416.8 1	0.33 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2416.8 9	†0.05 3	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2416.9 4	0.0014 6	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2417 2	0.14 7	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2417.1 3	0.94 14	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2417.2 5	0.09 3	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2417.3 5	2.2 3	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2417.3 1	0.357 19	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2417.33 23	0.191 16	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2417.4 1	1.02 5	¹¹⁷ Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
2417.6 15	0.025 11	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2417.7 1	0.19 6	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2417.76 15	0.18 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2417.8 6	0.013 4	¹⁰³ Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
2417.8 12	0.71 18	¹¹⁰ Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
2417.8 5	1.50 3	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2418.15 23	†0.105 21	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
2418.2 3	0.15 3	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2418.22 22	0.33 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2418.4 5	0.126 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2418.5 3	†0.21 7	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2418.5 4	0.07 3	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2418.6 2	0.0076 14	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2418.9 4	0.014 3	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2419.2 4	0.18 7	¹⁰⁵ In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2419.5 13	0.045 18	³² Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
2419.5 9	0.19	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2419.6 4	0.73 9	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2419.6 5	0.0049 15	¹²³ Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2419.7 8	0.003 3	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2419.7 2	0.24 9	^{142}Eu (2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
2419.77 20	0.55 5	^{124}In (3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
• 2419.9 5	0.019 3	^{170}Lu (2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2419.94 15	0.75 6	^{81}Ga (1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2420	>0.026	^{60}Cu (23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
2420.0 10	0.9 3	^{89}Mo (2.04 m)	658.6(5.7), 1272.6(3.7), 844.0(3.7)
2420.1 10	0.043 14	^{162}Tm (21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2420.2 9	0.009 7	^{79}Rb (22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2420.2	0.149 16	^{195}Tl (1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2420.27 6	4.60 6	^{78}Rb (17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2420.6 2	5.9 6	^{98}Y (0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
2420.8 3	0.538 20	^{110}In (69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
• 2420.90 4	0.010 5	^{46}V (15.9735 d)	983.517(99.98), 1312.096(97.5), 944.104(7.76)
2421 1	0.42 6	^{83}Se (22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
2421.0 5	0.009 3	^{114}Sb (3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2421.0 11	0.013 5	^{158}Eu (45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2421.2 10	0.08 8	^{70}As (52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2421.3 20	0.16 7	^{105}In (5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2421.3 3	†10.4 15	^{164}Tm (2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2421.4 4	0.07	^{154}Pm (1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2421.5 8	0.051 16	^{90}Kr (32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2421.7 3	0.020 3	^{176}Ta (8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2422.0 8	1.2 4	^{120}In (46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
2422.1 10	0.46 25	^{104}In (1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2422.16 18	0.033 4	^{139}Cs (9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2422.2 2	0.26 4	^{158}Tm (3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2422.45 17	1.12 3	^{58}Mn (65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
2422.5 4	15.5 6	^{29}S (187 ms)	1383.51(19), 1953.83(17.02), 3338.8(14.4)
2422.6 3	4.5 4	^{119}Cd (2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
2422.6 4	0.029 10	^{154}Tb (9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2422.70 10	0.21	^{137}I (24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2422.75 6	1.935 19	^{66}Ga (9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
2422.87 24	1.13 15	^{192}Au (4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2422.9 1	0.074 8	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2423.00 10	0.352 14	^{105}Cd (55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2423.3	0.041 23	^{44}K (22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2423.3 2	0.96 4	^{144}Eu (10.2 s)	1659.8(10), 817.7(1.56), 763.0(0.045)
2423.5 3	0.0052 17	^{214}Bi (19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2423.6 4	0.045 11	^{139}Xe (39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2423.7 3	0.22 3	^{198}Tl (5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2423.95 10	0.0242 8	^{166}Tm (7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2424.09	0.020 3	^{42}K (12.360 h)	1524.70(18), 312.6(0.336), 899.43(0.0515)
2424.09	0.30 12	^{42}Sc (61.7 s)	436.92(100), 1524.70(99.70), 1227.66(99.0)
2424.1 3	0.14 5	^{96}Nb (51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2424.26 25	0.174 19	^{93}Kr (1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
• 2424.4 3	0.121 5	^{170}Lu (2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2424.7 3	14.8 8	^{18}N (624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
2424.9 5	0.55 5	^{94}Rb (2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2424.9 5	0.12 3	^{96}Rh (9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2425.0 10	0.08 8	^{70}As (52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2425.0 7	0.15 4	^{91}Kr (8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2425.0 5	0.058 21	^{195}Tl (1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2425.3 1	0.0045 8	^{126}Cs (1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2425.3 5	†0.10 3	^{160}Ho (5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2425.35 20	0.092 4	^{168}Ho (2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
2425.6 1	0.192 13	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2425.64 7	0.84 8	^{77}Zn (2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
2425.7 5	0.0014 5	^{73}Se (39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
2425.9 6	0.6 3	^{166}Lu (2.12 m)	1427.18(23.0), 2098.6(16.1), 1256.64(15.2)
2425.907 15	5.7 4	^{29}Al (6.56 m)	1273.367(90.6), 2028.12(3.7), 1152.593(0.88)
2425.907 15	0.097 7	^{29}P (4.140 s)	1273.367(1.549), 2028.12(0.063), 1152.593(0.0150)
• 2425.96 6	0.135 7	^{145}Eu (5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2426.0 10	0.032	^{209}Rn (28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2426.3 3	0.90 4	^{150}Tb (3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2426.39 15	1.30 10	^{124}In (3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
2426.5 2	0.27 4	^{79}Ga (2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2426.5 3	0.045 13	^{207}At (1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 2426.9 4	0.021 6	^{188}Ir (41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2427 1	0.21 6	^{63}Fe (6.1 s)	994.8(14.0), 1427.2(4.6), 1299.0(1.23)
2427.00 8	0.614 19	^{78}Rb (17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2427.00 8	0.83 8	^{78}Rb (5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2427.2 10	0.35 7	^{95}Rh (5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
2427.5 5	0.68 7	^{92}Ru (3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
2427.8 3	†59 9	^{136}I (46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
2428.0 4	†1.5 3	^{152}Tb (17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2428.0 5	0.179 20	^{156}Ho (56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2428.0 7	0.43 5	^{190}Au (42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2428.2 9	†>0.045	^{160}Ho (5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2428.3 2	0.51 12	^{96}Rh (1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
2428.4 4	1.13 14	^{97}Pd (3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
2428.6 5	0.71 10	^{121}Xe (40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2428.85	0.774 18	^{24}Al (2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
2428.9 5	†0.62 17	^{188}Au (8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2428.91	0.26	^{203}Bi (11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 2429.00 8	0.032 3	^{76}As (26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
2429.00 8	0.10 4	^{76}Br (16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2429 2	0.14 7	^{89}Nb (1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2429.0 10	0.3 1	^{159}Er (36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
• 2429.0 4	0.047 5	^{170}Lu (2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2429.0 7	0.018 16	^{195}Tl (1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2429.02 15	0.47 5	^{197}Pb (8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
2429.17 16	0.47 4	^{88}Br (16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2429.19 14	0.06 3	^{105}Cd (55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2429.2 6	†0.30 6	^{120}Cs (64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2429.3 3	0.17 2	^{107}Tc (21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
2429.36 25	†0.21 4	^{71}Se (4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
2429.6 1	1.61 3	^{140}Cs (63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2429.6 2	0.026 3	^{141}Pm (20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2429.6 1	0.091 8	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2429.9 3	0.48 6	^{96}Rb (0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2429.9 2	†2	^{139}I (2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
2430.0 2	1.14 7	^{79}Ga (2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2430 30	9 3	^{210}Tl (1.30 m)	799.7(99), 298(79), 1316(21)
2430.3 7	0.018 4	^{115}Ag (20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2430.3 6	0.039 11	^{139}Xe (39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2430.50 10	2.16 13	^{154}Tb (21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2430.7 7	1.21 17	^{18}N (624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
2430.70 8	0.0059 5	^{128}Cs (3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)

• $t_{1/2} > 1 \text{ d}$

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2430.8	0.25	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2430.8 5	0.0049 15	¹²³ Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2431 1	0.06	¹²⁵ Cs(45 m)	526(24), 111.8(9), 412(5)
2431.1	>0.07	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
2431.30 20	2.5 3	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
2431.48 6	0.0059 13	²⁰ O(13.51 s)	1056.818(99.979), 3488.16(0.017), 2179.02(0.0022)
2431.5 5	0.19	¹⁰¹ Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
2431.7 7	0.046 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2431.73 35	0.133 22	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2432.3 6	0.035 7	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2432.4 4	0.11 4	²⁰⁵ Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2432.6	†94.8	¹⁴⁴ Gd(4.5 m)	333.3(†100), 629.5(†32.4), 347.1(†27.9)
2432.7 8	1.3 3	⁷² Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
2432.7 4	0.032 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2432.78 21	0.152 16	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2432.8	31.8 15	³⁶ K(342 ms)	1970.33(82.0), 2207.87(29.9), 4440.2(8.0)
2432.9 8	0.006 3	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2433.0 8	0.07 4	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2433.0 2	†0.27 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2433.05 25	1.2	⁵⁸ Mn(3.0 s)	1446.53(1.2), 2065.59(0.5), 2272.99
2433.05 25	0.123 18	⁵⁸ Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
2433.09 15	0.99 4	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2433.1 4	0.156 14	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2433.1 3	0.151 11	¹⁹⁹ Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2433.40	0.0111 7	³⁹ Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
2433.44 20	0.0136 18	²⁰⁹ At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2433.7 3	0.59 6	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
2433.8 5	0.083 16	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2433.9 5	0.157 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2433.9 8	0.022 4	¹¹³ Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
2434 1	0.23 8	¹⁰² Tc(5.28 s)	475.070(7), 468.59(0.88), 865.5(0.87)
2434.03 10	90 3	¹³¹ In(0.282 s)	4487.00(2.76), 3989.75(2.66), 1654.6(1.3)
2434.1 6	0.032 7	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2434.1 4	0.10 6	¹⁸¹ Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
2434.2 6	0.14 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2434.2 6	0.107 20	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2434.30 15	0.12 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2434.5 10	0.35 10	¹¹⁸ Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2434.5 4	0.044 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2434.6 5	1.39 11	¹⁰⁰ Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
2434.8 6	0.066 20	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2434.9 4	0.26 6	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2435.0 5	0.13 3	⁶⁹ Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
2435.1 6	0.103 19	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2435.2	†10	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
2435.3 5	0.069 10	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2435.4 7	0.41 16	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2435.5 7	0.050 5	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2435.6 3	0.37 5	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2435.8 5	0.0036 6	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2435.9 8	0.26 3	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2436.2 6	2.88 25	⁹⁷ Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
2436.2 3	†0.23 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2436.54 15	0.49 3	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2436.6	0.8	^{81}Ge (7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
• 2436.6 2	0.83 3	^{146}Eu (4.59 d)	747.2(98), 633.03(43), 634.07(37)
2436.93 15	0.0031 14	^{92}Y (3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
2437	>0.11	^{209}Rn (28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2437.3 3	0.26 4	^{95}Rb (377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2437.3 5	0.05	^{104}Ag (33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2437.5 4	0.71 13	^{74}Br (25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2437.5 6	0.141 15	^{109}Sn (18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2437.8 3	0.095 17	^{139}Xe (39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2438.4 10	†6.21 23	^{102}Tc (4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
2438.45 14	0.27 3	^{74}Ga (8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2438.6 4	0.018 4	^{85}Br (2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
2438.6 10	0.0021 5	^{166}Tm (7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 2438.6 3	0.103 5	^{170}Lu (2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2438.7 5	†0.23 5	^{160}Ho (5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2438.78 59	0.21 3	^{174}Ta (1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2439.0	0.22	^{43}Ar (5.37 m)	975.0(34), 738.1(15), 1439.5(13)
• 2439.0 4	0.0049 20	^{206}Bi (6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
2439.07 12	0.00459 12	^{106}Rh (29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2439.07 12	0.00047 12	^{106}Ag (23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
2439.1 12	0.087 22	^{99}Pd (21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2439.2 5	†0.08 6	^{158}Ho (11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2439.3 5	0.036 14	^{162}Tm (21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2439.39 18	6.6 5	^{100}Y (735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2439.5 10	0.126 10	^{136}Pr (13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2439.58 21	0.53 4	^{103}Cd (7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2439.8 7	0.54 12	^{103}Cd (7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2440.0	0.006 4	^{149}Tb (4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2440.4 4	>0.26	^{117}Cd (3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
2440.6 7	0.0046 23	^{79}Rb (22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2440.7 7	0.09 3	^{192}Au (4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2440.8 2	0.30 6	^{108}In (58.0 m)	875.46(100), 632.96(100), 242.84(41)
2440.9 4	0.046 16	^{89}Kr (3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2441.1 3	43.0 21	^{86}Se (15.3 s)	2660.0(21.6), 48.3(15.4), 2010.6(10.2)
2441.2 5		^{82}As (19.1 s)	654.6(15), 1731.3(4.1), 755.2(1.81)
2441.3	0.013 6	^{149}Tb (4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2441.3 8	0.0030 6	^{166}Tm (7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2441.3 3	†1.08 20	^{188}Au (8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2441.8 11	0.0051 20	^{133}Ce (4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2442.0 4	0.79 20	^{119}Ag (2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2442.1 3	0.14 3	^{94}Y (18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
2442.3 3	0.07 3	^{154}Tb (21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2442.68 26	0.00043 9	^{134}La (6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2442.7 7	0.023 4	^{115}Ag (20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2442.9 5	0.26 7	^{90}Rb (258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2442.9 15	0.196 22	^{228}Fr (39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2443.0 6	0.26 8	^{127}Cd (0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
2443.20 90	0.023 6	^{174}Ta (1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2443.32 8	0.658 13	^{78}Rb (17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2443.32 8	0.040 16	^{78}Rb (5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2443.34 20	2.4 2	^{156}Pm (26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
2443.5 8	†>0.18	^{160}Ho (5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2443.7 4	0.36 9	^{74}Br (46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2443.88	0.17 6	^{36}K (342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2444.2	0.15 9	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2444.0 6	0.0056 8	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2444.5	0.7	¹⁴⁶ Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
2444.0 10	0.0016 5	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2444.1 2	†0.33 10	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2444.15 4	5.61 19	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2444.17 40	0.016 8	¹⁴³ Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
2444.22 18	0.303 20	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
2444.3 5	0.038 11	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2444.4 7	0.11 5	¹⁰¹ Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
2444.6 7	0.008 4	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2444.7 4	0.077 18	⁵⁸ Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
2444.9 3	0.17 3	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2445.4	<0.0081	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
2445.3 9	0.14 4	²⁹ Na(44.9 ms)	54.6(<41), 2560(36), 1638.0(5.9)
2445.3 3	0.72 6	⁷⁵ Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2446.2 3	0.12 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2446.2 9	0.023 12	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2446.4	0.006 4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2446.5 5	0.030 5	¹⁰³ Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
2446.87 22	†1.38 20	¹⁸⁸ Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2446.9 4	0.0116 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2446.9 5	0.5 3	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2446.9 4	0.066 11	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2447.1	1.29 13	¹³³ Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
2447.3 7	0.25 7	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2447.4 4	0.63 5	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 2447.4 13	0.012 6	¹⁹⁴ Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2447.5 3	>0.00047	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2447.5 5	0.35 4	¹²⁷ Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2447.58 43	0.102 21	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2447.60	0.016 3	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2447.86 10	1.50 4	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2448.0 4	1.39 17	⁶⁵ Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
2448	†1.0	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2448.1	0.018 9	²⁰⁹ At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2448.2	0.115 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2448.5 7	0.15 5	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2448.5 5	0.54 12	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2449.0 2		¹⁰⁶ In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
2449.0 2		¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2449.0 6	0.027 6	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2449.24 32	†13 3	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2449.3 10	0.36 8	⁷⁰ As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2449.5 6	0.07 3	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2449.8 5	0.022 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2449.9 3	0.17 3	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2449.9 8	0.051 11	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2450.17 10	2.7 3	¹⁵⁶ Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
2450.5 2	†0.32 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2450.6 3	0.035 5	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2450.7 3	0.68 8	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2450.7 5	0.048 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2450.8 3	0.076 18	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2450.90 10	13.5 4	⁹¹ Tc(3.14 m)	1639.90(9.2), 1605.20(7.77), 1564.90(6.88)
2451 5	0.0007	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
2451.0 6	0.12 3	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2451.10 30	0.076 9	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2451.2 3	0.34 7	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2451.2 2	0.71 8	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2451.2 6	0.188 5	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2451.6 5	†0.034 11	²⁷ Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
2451.6 6	0.045 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2451.68 10	0.052 6	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2451.7 8	0.16 4	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2451.88 10	0.67 5	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2451.9 13	0.009 5	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2451.9 2	0.15 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2452.0 5	1.28 21	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2452.4 15	0.07 4	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2452.51 10	0.26	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 2452.7 3	0.134 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2452.8 8	0.009 6	¹³⁵ I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
2452.9 3	0.064 10	¹³⁴ I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
2452.9 7	0.032 21	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2453.0 7	0.0157 15	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
2453.0 20	0.019 6	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2453.1 10	0.014 7	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2453.2 7	0.051 14	⁸³ Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
2453.4 6	0.104 23	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2453.5 5	0.060 12	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2453.7 16	0.007 5	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2453.8 15	0.15 6	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2454.0 9	0.16 3	⁹⁹ Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2454.3 15	0.213 22	²²⁸ Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 2454.4 4	0.0007 3	¹²⁴ Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 2454.4 4	0.067 18	¹²⁴ I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2454.70 20	0.30 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2454.70 30	0.38 3	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2454.8 6	0.025 4	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2454.8 5	†3.8 4	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2454.8 4	0.0021 5	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2454.9 1	0.490 25	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2454.9 10	0.066 22	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2454.97 22	0.49 5	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2455.00 10	4.8 4	¹²¹ Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
2455.1 6	2.2 3	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2455.3 1	0.0615 16	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2455.5 5	0.0147 24	¹²³ Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2455.8	0.026 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2455.9 7	0.20 7	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2455.91 18	4.51 23	⁷⁵ Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2456.0 1	0.367 20	¹¹⁴ Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
2456.0 8	0.88 10	¹⁷⁶ Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
2456.20 9	0.256 25	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2456.2	0.044 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2456.3	0.43	¹⁴⁵ Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2456.4 10	0.11 7	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2456.4 5	0.109 21	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2456.6 5	5.3 5	⁵³ Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
2456.8 2	0.00029 4	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2456.9 4	0.014 5	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2457.0 15	0.12 6	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2457.0 8	0.064 11	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2457.3 3	0.0068 15	⁹³ Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
2457.5	†2.4	¹⁴⁴ Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
2457.57 35	0.165 13	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2457.6 4	0.66 4	⁶¹ Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
2457.6 10	1.0 8	⁶⁸ As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
2457.7 3	0.35 5	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2457.7 4	0.19 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2457.9	5.2 5	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
2458.1 5	0.014 4	¹⁶⁷ Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2458.4 6	0.009 3	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2458.5	0.91 4	⁴³ Ti(509 ms)	2288.2(4.40), 845.2(2.77), 1408.0(0.554)
2458.51 20	0.0043 10	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2458.7 9	0.17 11	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2458.7 8	0.075 23	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2458.8 10	5.1 8	⁶⁸ As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
2458.9 1	0.035 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2459.0 7	0.29 3	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2459.1 5	0.36 5	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2459.1 5	0.78 12	⁹⁶ Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
2459.3 10	0.12 3	¹¹⁵ Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
2459.5 10	0.25 10	¹¹⁸ Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2459.5 10	0.14 7	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2459.52 60	0.008 4	¹⁴³ Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
2459.8 7	0.041 21	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 2459.9 5	0.0121 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2460.0 4	0.20 5	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2460.2 2	0.16 11	¹⁰⁸ Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
2460.2 2	0.499 24	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2460.2 4	0.053 14	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2460.3 10	0.47 5	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2460.3 3	0.029 4	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2460.4 5	0.131 16	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2460.7 4	0.079 22	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 2460.8 2	0.23 3	¹⁸⁶ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2460.8 6	0.173 12	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2461.0 9	†0.009 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2461.2 3	4.0 3	⁸⁴ As(5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)
2461.4 10	0.057 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2461.50 7	8.1 5	¹²³ Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
2461.7 4	0.080 9	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2461.8 4	0.25 5	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2461.98 19	0.48 4	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2462.3 5	0.17 4	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2462.4 4	0.13 7	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2462.5 3	0.212 24	¹¹⁷ Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
2462.5 5	0.0161 15	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2462.8 15	†1.2 3	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2462.8 15	4.1 8	$^{120}\text{I}(53 \text{ m})$	560.44(100), 601.11(87), 614.62(67)
2462.8 5	0.13 3	$^{121}\text{Xe}(40.1 \text{ m})$	252.7(13), 132.8(10.9), 445.2(7.7)
2462.82 10	0.29 3	$^{87}\text{Br}(55.60 \text{ s})$	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2462.9 5	0.50 7	$^{140}\text{Cs}(63.7 \text{ s})$	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2463.22 5	0.87 5	$^{132}\text{La}(4.8 \text{ h})$	464.55(76), 567.14(15.7), 1909.91(9.0)
2463.3 4	0.62 12	$^{95}\text{Rb}(377.5 \text{ ms})$	352.02(49), 204.02(15.1), 680.7(14.8)
2463.3 7	0.0007 3	$^{137}\text{Xe}(3.818 \text{ m})$	455.490(31), 848.95(0.62), 1783.43(0.415)
2463.3 2	0.013 3	$^{141}\text{Pm}(20.90 \text{ m})$	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2463.3 8	0.042 6	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2463.4 4	0.017 4	$^{85}\text{Br}(2.90 \text{ m})$	802.41(2.56), 924.63(1.63), 919.06(0.65)
2463.5 3	0.47 5	$^{136}\text{Pr}(13.1 \text{ m})$	552.16(76), 539.75(52), 1092.3(18.5)
2463.56 40	0.034	$^{137}\text{I}(24.5 \text{ s})$	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2463.7 6	0.100 12	$^{209}\text{Rn}(28.5 \text{ m})$	408.32(50.3), 745.78(22.8), 337.45(14.5)
2463.9 2	0.014 5	$^{141}\text{Ba}(18.27 \text{ m})$	190.328(46.0), 304.194(25.4), 276.948(23.4)
2464 1	0.39 5	$^{127}\text{In}(1.09 \text{ s})$	1597.7(49), 646.1(6.2), 805.1(5.6)
2464 2	0.010 5	$^{158}\text{Eu}(45.9 \text{ m})$	944.09(25), 977.131(13.6), 79.5104(11)
2464.0 9	0.052 17	$^{192}\text{Au}(4.94 \text{ h})$	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 2464.1 5	0.0114 19	$^{140}\text{La}(1.6781 \text{ d})$	1596.210(95), 487.021(45.5), 815.772(23.28)
2464.15 13	0.00072 11	$^{134}\text{La}(6.45 \text{ m})$	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2464.2 10	0.14 4	$^{144}\text{La}(40.8 \text{ s})$	397.440(94.3), 541.20(39.2), 844.8(22.3)
2464.3 4	0.13 3	$^{121}\text{Ag}(0.78 \text{ s})$	314.55(32.1), 353.43(19.9), 500.61(9.3)
2464.4 3	†0.25 7	$^{158}\text{Ho}(11.3 \text{ m})$	218.21(†100.0), 98.91(†70), 945.7(†37)
2464.6 5	0.112 17	$^{139}\text{Xe}(39.68 \text{ s})$	218.59(56), 296.53(21.7), 174.97(11.3)
2464.67 12	0.72 5	$^{81}\text{Ga}(1.221 \text{ s})$	216.47(37.4), 828.26(22.1), 711.18(17.6)
2464.7 5	0.0238 19	$^{166}\text{Tm}(7.70 \text{ h})$	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2464.9 5	4.1 5	$^{32}\text{Cl}(298 \text{ ms})$	2230.2(71.6), 4771.8(20.5), 1547.9(3.5)
2465.0 8	1.0 3	$^{72}\text{Br}(78.6 \text{ s})$	862.03(70), 1316.70(17.3), 454.70(13.1)
2465.0 3	0.96 13	$^{74}\text{Br}(25.4 \text{ m})$	634.78(64), 219.05(18.1), 634.26(14.1)
2465 2	0.13 6	$^{89}\text{Nb}(1.9 \text{ h})$	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2465 2	†1.0	$^{107}\text{Sn}(2.90 \text{ m})$	1129.2(†100), 678.5(†100), 1540.6(†30)
2465.0 20	0.04 2	$^{181}\text{Os}(105 \text{ m})$	238.75(44), 826.77(20), 118.03(12.9)
2465.1 5	0.14 3	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
2465.4 3	0.62 7	$^{198}\text{Tl}(5.3 \text{ h})$	411.8044(82), 675.8874(11), 636.4(10.1)
2465.5 2	1.16 9	$^{104}\text{Tc}(18.3 \text{ m})$	358.0(89), 530.5(15.6), 535.1(14.7)
2465.5		$^{152}\text{Tb}(17.5 \text{ h})$	344.281(†1500), 586.294(†223), 271.135(†203)
2466.07 10	0.072 3	$^{135}\text{I}(6.57 \text{ h})$	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
2466.7 4	0.52 7	$^{119}\text{Cd}(2.69 \text{ m})$	292.9(36.8), 343.0(16.9), 1609.7(10.9)
2466.8 3	0.77 10	$^{95}\text{Rb}(377.5 \text{ ms})$	352.02(49), 204.02(15.1), 680.7(14.8)
2466.9 12	4.1 20	$^{32}\text{Mg}(120 \text{ ms})$	2765.3(25), 735.5(10.6)
2466.9	0.50 14	$^{154}\text{Tb}(21.5 \text{ h})$	123.071(26), 1274.436(10.5), 2187.10(9.9)
2467.0 3	0.0011 3	$^{128}\text{Cs}(3.66 \text{ m})$	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2467.1 4	0.030 4	$^{167}\text{Lu}(51.5 \text{ m})$	29.66(14.4), 239.22(8.6), 213.19(3.6)
2467.2 12	0.065 15	$^{140}\text{Pm}(9.2 \text{ s})$	773.74(5.0), 477.1(2.6), 1204.8(1.9)
2467.3 11	0.016 10	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
2467.3 4	†0.70 9	$^{120}\text{Cs}(64 \text{ s})$	322.4(†100), 473.5(†30), 553.4(†19.1)
2467.40 7	0.41 3	$^{133}\text{Te}(12.5 \text{ m})$	312.072(62), 407.63(27.1), 1333.21(10.67)
2467.4 3	0.143 19	$^{134}\text{I}(52.6 \text{ m})$	847.025(95.4), 884.090(64.9), 1072.547(15.0)
2467.4	0.26	$^{149}\text{Ho}(21.1 \text{ s})$	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2467.5 10	0.08 5	$^{115}\text{Te}(5.8 \text{ m})$	723.569(30), 1380.58(23.0), 1326.83(22.7)
2467.5 9	0.023 12	$^{192}\text{Au}(4.94 \text{ h})$	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2467.6		$^{98}\text{Rh}(8.7 \text{ m})$	652.43(94), 745.36(5.3), 1817.0(4.7)
• 2467.6 4	0.007 4	$^{188}\text{Ir}(41.5 \text{ h})$	155.032(29.7), 2214.62(18.7), 632.99(18)
2467.7 5	0.214 20	$^{208}\text{At}(1.63 \text{ h})$	686.527(98), 660.040(89), 177.595(48.6)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2467.8 7	0.149 25	¹²⁷ Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
2467.8 3	0.78 18	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2468.0 9	†>0.09	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2468.0 20	0.19 10	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2468.06 30	1.16 18	¹³⁰ In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
2468.2 5	0.30 4	¹⁸⁴ Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
2468.5 3	0.17 3	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2468.56 11	0.47 4	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2468.6 8	>0.0022	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2468.8 4	7.8 10	⁵² Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
2468.8	0.244 14	¹⁴¹ Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
2469 3	†1.9×10 ⁴ 11	¹²³ In(47.8 s)	125.76(†4.2×10 ⁷), 3234(†130000), 1169.8(†100000)
2469.2 4	0.104 14	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2469.3 15	0.33 7	⁶⁵ Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
2469.4 3	0.059 9	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2469.4 4	0.19 10	¹⁰⁰ Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
2469.4 2	1.0 3	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2469.5 5	0.0061 14	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2469.5 4	1.21 21	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2469.6 3	1.06 10	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2469.6 1	0.080 13	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2469.8 6	†0.22 2	¹⁸⁴ Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2470.0	4.8 19	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
2470.0 5	0.12 4	¹²⁷ Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2470.1 3	0.147 16	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2470.5 4		¹³¹ Sn(56.0 s)	3267.5, 2039.25, 1787.47
2470.5 4	†3.3 8	¹³¹ Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2470.5 15	0.15 4	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2470.9 3	0.050 19	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2470.9 4	1.1 3	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2471.1 2	0.053 10	¹³⁸ Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1551.1(0.42)
2471.13 25	0.151 16	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2471.2 3	0.20 4	⁹² Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
2471.3	†21.0	¹⁴⁴ Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
2471.53 21	0.025 4	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2471.72 10	0.093 9	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2472.08 23	0.58 11	¹⁸⁶ Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
2472.1 20	0.08 3	⁶¹ Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
2472.2 4	0.73 9	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2472.6 4	0.09 5	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2472.6 5	0.040 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2472.7 3	0.075 10	⁹³ Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2472.7 2	0.097 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2472.9	>0.0010	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2473 1	0.059 20	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2473.1 5	0.41 9	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2473.2 4	†0.09 3	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2473.29 14	20.3 9	¹⁸ N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
2473.4 5	0.0051 14	⁹² Y(3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
2473.69 25	0.090 11	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2473.8 2	0.0113 11	⁹³ Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
2473.94 20	0.0085 9	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2473.94 20	0.43 4	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
2474.16 90	0.053 21	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2474.2 5	0.131 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2474.4 5	0.043 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2474.5 3	0.19	¹⁵⁴ Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2474.8 11	0.012 3	¹³³ Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2474.9 1	0.369 25	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2474.91 20	0.10	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2475.0 4	0.087 23	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2475.06 10	0.144 7	¹¹⁸ In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
2475.2 3	1.95 25	¹⁸⁴ Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
2475.26 16	0.312 16	¹³⁸ Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
2475.5 5	0.033 5	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2475.5 4	0.0063 18	¹⁸⁰ Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2475.5 5	0.0488 20	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2475.5 4	0.100 15	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2475.7 5	0.50	¹⁴⁵ La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
2475.8 4	0.032 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2475.90 20	0.73 5	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2475.96 15	0.0177 14	⁷⁸ Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
2476.12 25	0.176 16	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2476.2 2	0.186 18	¹¹⁷ Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
2476.60 40	0.22 5	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2476.6 3	0.57 6	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2476.7 11	0.08 5	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
• 2476.7 2	0.0148 20	²⁰⁶ Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
2477.1 4	0.0014 3	¹³⁵ I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
2477.5 8	0.064 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2477.6 4	0.042 5	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2477.7 6	0.11 6	²⁰³ Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
2478.3 5	0.10	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2478.3 7	0.51 21	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2478.3	0.024 7	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2478.4 4	>0.46	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2478.5 3	12	¹¹⁶ Ag(2.68 m)	513.39(76), 699.58(11), 1213.17(7)
2478.5 4	0.029 6	¹⁴³ La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
2478.6 2	0.37 4	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2478.7 6	†0.24 2	¹⁸⁴ Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2479.2 6	0.0066 22	¹³⁷ Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
2479.2 5	0.8	¹⁴⁵ La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
2479.22 15	0.045 6	⁹³ Tc(2.75 h)	1363.02(66), 1520.37(24.4), 1477.13(8.7)
2479.22 75	0.15 4	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2479.4 7	0.039 19	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2479.5 1	†0.227 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2479.64 4	0.000241 13	⁸² Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
2479.64 4	0.0362 13	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
2479.8	2.2	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2479.9 3	0.085 8	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2480.0 7	0.21 6	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2480 1	†0.5 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2480.0 3	0.192 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2480.17 17	3.4 3	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2480.3 4	0.11 3	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2480.4 4	†43 9	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
2480.5 15	0.14 5	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2480.5 4	0.043 5	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2480.6 8	0.52 23	^{104}In (1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2480.74 15	0.0178 23	^{122}I (3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2480.9 6	0.065 15	^{194}Pb (12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
2481 2	0.11 6	^{89}Nb (1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2481.1 4	0.20 4	^{76}Ga (32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2481.2 4	0.72 6	^{75}Zn (10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2481.6 5	0.32 10	^{115}Te (5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
2482.08 17	0.115 8	^{86}Y (14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
• 2482.17 6	0.0361 20	^{145}Eu (5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2482.24 17	0.00060 9	^{134}La (6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2482.3 5	0.40 12	^{127}Cd (0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
2482.3 3	0.04 2	^{181}Os (105 m)	238.75(44), 826.77(20), 118.03(12.9)
2482.4 8	0.178 20	^{114}Sb (3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2482.5 4	0.066 22	^{133}Te (55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
2482.7 1	0.0029 3	^{128}Cs (3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2482.8 5	0.104 24	^{107}In (32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2482.8 2	0.09	^{176}Ta (8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2482.8 4	0.0021 9	^{214}Bi (19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2483.0 12	0.133 22	^{76}Br (16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2483	†0.9	^{107}Sn (2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2483.2 3	0.29 5	^{79}Ga (2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2483.5 3	†28 3	^{164}Tm (2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2483.6 8	0.041 17	^{192}Au (4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2483.8 3	0.45 6	^{121}Ag (0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2484.0	†20 4	^{147}Dy (40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
2484.1 3	6.7 7	^{84}Br (31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
2484.3 5	0.131 17	^{94}Rb (2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2484.35 13	2.78 17	^{91}Kr (8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
• 2484.39 15	0.0199 8	^{146}Eu (4.59 d)	747.2(98), 633.03(43), 634.07(37)
2484.4 4	0.122 13	^{61}Fe (5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
2484.4	0.0020 9	^{214}Bi (19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2484.60 20	0.00090 6	^{106}Rh (29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2484.78 21	0.0012 5	^{73}Se (39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
2485 1	0.019 12	^{133}Te (12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2485.04 19	0.66 5	^{103}Cd (7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2485.4 3	0.0032 5	^{136}La (9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
2485.6 4	0.36 9	^{74}Br (46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2485.7 4	0.096 25	^{209}Rn (28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2485.8 4	0.025 3	^{85}Y (4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2485.9 8	0.08 3	^{156}Ho (56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2485.94 15	†0.75 6	^{148}Tb (60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2486.0 4	0.0041 9	^{211}Rn (14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
2486.20 27	0.25 8	^{122}In (10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2486.2 3	1.12 11	^{198}Tl (5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2486.25 15	1.32 9	^{154}Tb (21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2486.3 4	0.07 4	^{74}Ga (8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2486.3 3	†0.28 6	^{158}Ho (11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2486.4 12	1.4 4	^{31}Mg (230 ms)	1613.0(36), 946.8(31.5), 1626.1(24.8)
2486.50 30	0.079 9	^{115}Ag (20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2486.5 5	0.25 5	^{121}Xe (40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2486.65 35	0.142 13	^{207}At (1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2486.8 17	0.046 23	^{174}Ta (1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
• 2486.8 3	0.031 9	^{188}Ir (41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2486.9 7	0.012 5	^{79}Rb (22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2487.0 2	1.01 9	¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2487.1 9	0.20 3	¹³⁵ Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
2487.1 6	0.023 8	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
2487.18 60	0.046	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2487.2	0.87	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2487.5 15	0.12 6	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2487.6 1	†0.109 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2487.6 8	0.046 23	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2487.8 8	0.024 10	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2487.8 6	0.00079 20	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2487.8 3	0.036 7	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2488.02 20	0.010 3	¹²² I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2488.1 5	0.057 7	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2488.55 10	0.093 9	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2489.3 3	0.082 10	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2489.4 8	0.0046 9	⁷¹ Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
2489.4 6	0.8 3	⁷⁸ Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
2489.45 33	†13.4 15	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2489.5 5	0.13 3	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2489.6 9	0.6	⁴⁵ Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
2489.6 4	0.20 4	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2489.6 2	0.0027 3	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2489.7 8	0.009 5	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2490.4 7	0.00076 17	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 2490.5 15	0.024	¹²⁴ I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2490.9 3	1.00 15	¹⁸⁴ Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
2490.98 6	7.68 23	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 2490.98 6	0.0290 15	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2491.2 3	0.46 7	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2491.20 22	0.39 4	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2491.24 11	0.32 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2491.29 15	0.17	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 2491.3 2	0.159 7	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2491.3 3	0.09 3	¹⁵² Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
2491.4		¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2491.8 10	†1.92 14	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2491.9 5	0.6 3	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2492.0 3	0.21 3	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
2492.0 5	0.098 25	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2492.30 20	0.606 24	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2492.3 20	†0.8 2	¹⁰⁴ Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
2492.50 15	0.0237 22	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
2492.61 24	0.054 6	¹³⁸ Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
2492.7 20	0.022 7	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2492.7 3	†0.31 7	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2492.9 10	0.22 15	⁹⁷ Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
2492.9 9	0.06 4	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2493.0 5	†2.8 14	¹⁵⁵ Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
2493.0 5	0.035 9	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2493.1 7	0.81 7	⁵⁷ Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
2493.4 6	0.088 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2493.6 4	0.36 5	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2493.9 5	0.8 6	¹⁰² Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
2493.9 5	0.8 5	¹⁰² Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2494 1	0.00024 8	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2494.0	†16 4	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
2494.10 30	0.133 13	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2494.2 16	0.037 6	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2494.3 2		¹⁰⁶ In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
2494.3 2		¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2494.4 3	†0.27 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2494.42 20	0.0047 3	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2494.54 5	0.016 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2494.6	†4.0	¹⁴⁴ Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
2494.6 4	0.18 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2494.8 1	1.33 8	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2494.8 5	0.77 8	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2495.4 4	†0.61 15	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2495.6 5	†2.2 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2495.7 6	0.076 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2495.82 22	0.69 7	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2496.0 4	0.151 19	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2496	>0.11	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2496.05 10	2.29 12	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
• 2496.15 15	0.739 22	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2496.3 8	0.10 4	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2496.35 12	0.193 25	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2496.4 2	0.097 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2496.6 9	0.65 9	¹³¹ Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
2496.6 2	0.391 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2496.6 10	0.071 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2496.9 5	4.9	¹³⁶ Te(17.5 s)	2077.9(22), 333.99(19), 578.75(18)
2497.0 13	0.036 21	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2497.2 3	0.065 14	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
2497.2 10	0.88 8	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
2497.27 15	0.77 8	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2497.27 15	0.0238 25	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
2497.3 9	0.03 3	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2497.4 4	0.0213 25	⁶³ Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2497.4 5	0.5 4	¹²⁵ Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
• 2497.46 5	0.052 4	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2497.56 17	0.173 13	¹³⁸ Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
2497.6 15	0.016 8	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2497.6 4	1.29 17	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2497.8 9	0.029 12	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2498 1	0.07 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2498.3 7	0.60 23	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2498.58 7	0.57 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2498.69 50	0.027	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2499.0 10	0.052 3	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2499.2 4	0.044 11	⁶⁹ As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2499.3 9	0.76 8	³⁰ Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
2499.4 3	0.17 5	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
2499.4 5	0.28 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2499.8 4	0.060 15	¹⁴³ Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2499.8 8	0.28 6	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2499.9 9	0.07 4	²⁹ Na(44.9 ms)	54.6(<41), 2560(36), 1638.0(5.9)
2500 2	0.17 11	¹⁶⁴ Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2500.06 5	0.73 4	¹⁴³ La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
2500.3 2	0.39 4	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2500.44 9	0.63 6	¹²³ Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
2500.8 6	0.046 20	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2500.9 5	0.13 3	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2500.9 6	1.0	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2500.98 60	0.128 23	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2501.0 5	0.33 4	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2501.0	0.12	¹⁴⁵ Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
2501.4 3	2.5 5	⁷⁸ Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
2501.4 3	0.6 3	⁷⁸ Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
2502.1 5	0.14 3	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2502.20 5	0.0132 6	¹³⁰ I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
2502.20 5	0.0019 12	¹³⁰ Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
2502.3 5	0.17 5	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2502.3 3	0.56 6	¹⁰⁷ Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
2503.0 4	0.031 3	⁶⁹ As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2503.0 5	0.050 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2503.0 3	0.23 7	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2503.16 15	0.34 3	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2503.2 9	0.11 3	¹¹⁵ Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
2503.3 7	0.046 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2503.330	0.0054 5	³⁹ Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
2503.8 4	0.045 6	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2503.90 12	0.44 6	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2504.1 1	†0.132 18	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2504.2 2	0.65 7	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2504.3 1	0.099 7	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2504.41	0.65 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2504.6 1	0.0488 16	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
• 2504.87 25	0.119 6	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
• 2505	2.0×10 ⁻⁶ 4	⁶⁰ Co(5.2714 y)	1332.501(99.9820), 1173.237(99.90), 346.93(0.0076)
2505 2	0.17 11	¹⁶⁴ Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2505.20 15	0.82 5	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2505.3 2	0.028 3	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2505.3 5	0.13 3	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2505.4 21	0.028 13	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2505.58 20	0.0042 3	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2505.6 7	0.045 21	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2505.6 3	0.0067 17	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2505.9 8	†0.33 6	²⁷ Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
2505.95 14	1.42 8	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2506.2 10	1.40 8	⁶⁸ As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
2506.2 3	0.028 5	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2506.3		¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2506.6 7	0.25 9	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2506.6 2	†1.14 14	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2506.7		¹¹² In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
2506.80 19	1.07 13	¹¹² Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2506.9 4	0.175 14	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2507.2	0.034	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2507.22 23	†0.29 4	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
2507.3 6	0.054 20	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2507.5 5	0.23 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2507.6 6	0.078 22	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2507.82 6	12.78 23	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 2507.82 6	0.323 8	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2508.00 25	0.125 17	⁷⁷ Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
2508.0 20	0.023 7	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
• 2508.24 8	0.0302 20	¹⁴⁵ Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2508.3 4	0.034 6	⁶⁹ As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2508.3	0.006 4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2508.6 7	0.058 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2508.61 40	0.052	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2508.7 5	0.16 3	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2508.7 12	0.12 3	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2508.8 3	0.50 10	¹⁸⁶ Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
2508.8 7	0.09 3	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2508.9 2	0.0025 7	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
2508.9 7	0.11 4	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2509.2 20	0.018 7	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2509.27 15	1.10	¹⁵⁴ Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2509.3 3	†0.89 18	¹⁸⁸ Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2509.6	0.54 14	²⁶ Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
2509.63 20	0.17 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2509.9 2	0.037 5	¹⁰⁷ Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
2510 2	0.16 8	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2510	†0.5	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2510.3 10	0.25 13	⁹⁷ Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
2510.4 6	0.33 8	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2510.41 18	0.27 3	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2510.5 8	0.015 7	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
2510.5 5	1.1 3	¹⁶⁴ Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2510.56 15	†0.43 4	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2510.75 10	2.86 19	¹²¹ Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
2510.78 9	0.0032 3	¹²⁹ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2510.79 16	1.95 11	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2510.8 20	0.24 10	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2511 1	0.49 5	¹²⁷ In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
2511.0 15	1.4 3	¹⁶⁴ Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2511.1 8	1.21 19	⁴⁷ K(17.5 s)	2013.45(93), 586.01(79.7), 564.79(13.27)
2511.10 20	0.84 5	⁸⁸ Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
2511.2 10	0.15 3	¹¹⁵ Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
2511.59	0.0618 22	²⁶ Si(2.234 s)	829.420(21.90), 1622.26(2.73), 1843.26(0.258)
2511.9 3	0.23 6	¹⁵² Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
2511.9	0.06 3	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2512.0 5	0.0098 16	⁶³ Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2512.0 2	0.35 5	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2512.1 5	0.0033 14	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2512.3 1	0.0049 8	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2512.5 2	0.75 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
• 2512.95 9	0.0217 20	¹⁴⁵ Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2513.1 9	0.09	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2513.2 5	0.078 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2513.28 20	0.46 3	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2513.3 3	0.067 10	¹³⁴ I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
2513.3 15	0.28 14	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2513.5 5		⁸² As(19.1 s)	654.6(15), 1731.3(4.1), 755.2(1.81)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2513.8 2	0.51 5	^{104}Tc (18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2513.82 20	0.7	^{176}Ta (8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2513.9 4	0.053 18	^{58}Mn (65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
2513.9 5	0.12 4	^{127}Sn (2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2514.0 5	0.17 8	^{80}As (15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
2514.0 6	0.25 6	^{121}Xe (40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2514.0 5	0.090 8	^{158}Eu (45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2514.0 2	\dagger 0.76 8	^{158}Ho (11.3 m)	218.21(\dagger 100.0), 98.91(\dagger 70), 945.7(\dagger 37)
2514.1 3	1.45 18	^{117}Ag (72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2514.13 8	3.31 6	^{78}Rb (17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2514.30 15	0.053 13	^{207}At (1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2514.7 3	0.65 9	^{95}Rb (377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2514.8 2	0.0043 10	^{141}Pm (20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2515.1 3	0.250 9	^{72}Ga (14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 2515.1 3	0.032 6	^{72}As (26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2515.13 14	6.1 4	^{100}Y (735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2515.3 5	>0.09	^{137}Nd (38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2515.6	0.22	^{145}Ba (4.31 s)	96.6(17), 91.9(7), 65.9(5)
2516		^{92}Br (0.343 s)	769(\dagger 100), 1446(\dagger 10), 1035(\dagger 6)
2516.0 10	0.06 4	^{100}Rh (20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
2516.0 4	\dagger 0.105 18	^{160}Ho (5.02 h)	728.18(\dagger 100), 879.383(\dagger 65.9), 962.317(\dagger 59.1)
2516.3 10	0.037 14	^{141}Ba (18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
2516.8 6	0.10 3	^{92}Tc (4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
2516.86 20	0.11 3	^{162}Tm (21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2516.9	1.0 3	^{23}F (2.23 s)	1701.44(33.0), 2129.3(22), 1822.4(15.6)
2516.9 6	\dagger 0.18 6	^{120}Cs (64 s)	322.4(\dagger 100), 473.5(\dagger 30), 553.4(\dagger 19.1)
2517.0 10	0.008 8	^{230}Ac (122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2517.1 3	0.077 8	^{91}Tc (3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2517.3 4	0.331 19	^{146}Pr (24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2517.31 25	0.0054 11	^{73}Se (7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
2517.4 6	0.077 17	^{93}Kr (1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2517.4 3	0.35 9	^{186}Ir (2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
2517.6 4	0.43 12	^{192}Au (4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2517.65 8	0.199 24	^{204}Bi (11.22 h)	899.15(98), 374.72(82), 984.02(59)
2517.9 5	0.82 14	^{45}Ar (21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
2517.9 8	0.170 21	^{190}Au (42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2517.98 59	0.0066 22	^{137}Pr (1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
2518 2	0.07 3	^{89}Nb (1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2518.2 6	0.046 20	^{99}Nb (2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2518.2 14	\dagger 3 3	^{164}Tm (2.0 m)	91.40(\dagger 1500), 1154.66(\dagger 366), 768.91(\dagger 279)
2518.3 8	0.58 13	^{74}Br (25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2518.3 3	0.74 6	^{121}Ag (0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2518.5 4	\dagger 3.1 6	^{152}Tb (17.5 h)	344.281(\dagger 1500), 586.294(\dagger 223), 271.135(\dagger 203)
2518.95	9.69 17	^{44}K (22.13 m)	1157.031(58), 2150.76(22.7), 1499.43(7.8)
2519.0 12	0.040 21	^{141}Xe (1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2519.1 4	1.30 5	^{87}Br (55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2519.2 2	\dagger 0.03 3	^{160}Ho (5.02 h)	728.18(\dagger 100), 879.383(\dagger 65.9), 962.317(\dagger 59.1)
2519.3 10	0.09 4	^{92}Ru (3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
2519.3 3		^{118}Ag (3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
2519.4 6	0.08 5	^{101}Ag (11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
2519.5 30	0.08 8	^{70}As (52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2519.6 3	0.077 14	^{187}Au (8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 2520.1 5	0.012 6	^{186}Ir (41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2520.15 20	\dagger 0.27 4	^{71}Se (4.74 m)	147.50(\dagger 211), 1095.26(\dagger 43.6), 830.33(\dagger 43.2)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2520.20 10	0.0208 13	$^{166}\text{Tm}(7.70 \text{ h})$	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2520.3 5	1.12 15	$^{119}\text{Cd}(2.20 \text{ m})$	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
2520.5 2	0.395 25	$^{146}\text{La}(6.27 \text{ s})$	258.47(64), 924.58(7.45), 702.28(6.43)
2520.5 5	0.032 7	$^{195}\text{Tl}(1.16 \text{ h})$	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2520.8 10	0.020 10	$^{154}\text{Tb}(9.4 \text{ h})$	123.071(30), 247.925(22.1), 540.18(20)
2520.9 3	0.18 4	$^{103}\text{Cd}(7.3 \text{ m})$	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2521	0.006 3	$^{158}\text{Eu}(45.9 \text{ m})$	944.09(25), 977.131(13.6), 79.5104(11)
• 2521.40 5	3.46 4	$^{140}\text{La}(1.6781 \text{ d})$	1596.210(95), 487.021(45.5), 815.772(23.28)
2521.40 5	0.0131 13	$^{140}\text{Pr}(3.39 \text{ m})$	1596.210(0.50), 306.9(0.151), 751.637(0.032)
2521.47 16	0.47 3	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
2521.5 20	0.04 2	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2521.5 6	0.036 14	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
2521.7 5	†13 3	$^{164}\text{Tm}(2.0 \text{ m})$	91.40(†1500), 1154.66(†366), 768.91(†279)
2521.80 12	0.188 25	$^{78}\text{Rb}(17.66 \text{ m})$	454.97(63), 692.86(12.56), 562.15(11.41)
• 2521.83 17	0.0461 24	$^{72}\text{As}(26.0 \text{ h})$	834.01(80), 629.95(7.92), 1463.95(1.107)
2521.85 10	4.3 3	$^{140}\text{Cs}(63.7 \text{ s})$	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2522.0 5	0.050 12	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
2522.4	0.0023 6	$^{39}\text{Ca}(859.6 \text{ ms})$	
2522.7 6	0.021 5	$^{45}\text{K}(17.3 \text{ m})$	174.276(74.4), 1705.6(53), 2353.6(14.12)
2522.7 4	0.86 9	$^{104}\text{Ag}(33.5 \text{ m})$	555.796(91), 1238.0(3.87), 2276.7(2.46)
2522.87 10	0.57 4	$^{88}\text{Br}(16.5 \text{ s})$	775.28(63), 802.14(13.13), 1440.69(4.72)
2522.88 6	0.99 3	$^{56}\text{Mn}(2.5785 \text{ h})$	846.771(98.9), 1810.772(27.2), 2113.123(14.3)
2522.9 4	0.24 4	$^{142}\text{Cs}(1.70 \text{ s})$	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2523 1	0.12	$^{125}\text{Cs}(45 \text{ m})$	526(24), 111.8(9), 412(5)
• 2523.0 3	0.134 5	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2523.3 9	>0.047	$^{142}\text{La}(91.1 \text{ m})$	641.285(47), 2397.8(13.3), 2542.7(10.00)
2523.4	1.4 2	$^{26}\text{Na}(1.072 \text{ s})$	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
2523.5 3	1.4 4	$^{123}\text{Ag}(0.309 \text{ s})$	263.87(35.9), 409.79(13.2), 591.30(8.2)
2523.5 5	0.017 6	$^{149}\text{Tb}(4.118 \text{ h})$	352.24(29.43), 164.98(26.4), 388.57(18.37)
2523.5 5	0.14 3	$^{208}\text{At}(1.63 \text{ h})$	686.527(98), 660.040(89), 177.595(48.6)
2523.7 5	0.24 9	$^{93}\text{Rb}(5.84 \text{ s})$	432.61(17.4), 986.05(6.8), 213.429(6.7)
2523.9 6	0.29 8	$^{105}\text{In}(5.07 \text{ m})$	131.37(41), 260.21(15.7), 604.11(9.2)
2523.9 5	†2.2 5	$^{152}\text{Tb}(17.5 \text{ h})$	344.281(†1500), 586.294(†223), 271.135(†203)
2523.97 10	0.31 3	$^{87}\text{Br}(55.60 \text{ s})$	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2524.0	2.13 24	$^{40}\text{Cl}(1.35 \text{ m})$	1460.830(79), 2839.8(30.4), 2621.5(15.4)
2524.0 2	0.80 5	$^{76}\text{Ga}(32.6 \text{ s})$	562.93(66), 545.51(26.0), 1108.41(15.8)
2524.47 22	0.032 5	$^{139}\text{Cs}(9.27 \text{ m})$	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2524.6 5	0.0016 4	$^{166}\text{Tm}(7.70 \text{ h})$	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2524.7 1	0.0155 12	$^{126}\text{Cs}(1.64 \text{ m})$	388.633(41), 491.243(5.0), 925.24(4.56)
2525.1 7	0.039 20	$^{154}\text{Tb}(9.4 \text{ h})$	123.071(30), 247.925(22.1), 540.18(20)
2525.1 7	0.18 3	$^{154}\text{Tb}(21.5 \text{ h})$	123.071(26), 1274.436(10.5), 2187.10(9.9)
2525.14 15	0.039 4	$^{132}\text{I}(2.295 \text{ h})$	667.718(99), 772.60(75.6), 954.55(17.6)
2525.2 6	0.00020 4	$^{106}\text{Rh}(29.80 \text{ s})$	511.842(20), 621.94(9.93), 1050.39(1.56)
2525.45 18	0.078 3	$^{105}\text{Cd}(55.5 \text{ m})$	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2525.5 4	0.025 12	$^{133}\text{Te}(12.5 \text{ m})$	312.072(62), 407.63(27.1), 1333.21(10.67)
2525.5 2	†0.41 6	$^{158}\text{Ho}(11.3 \text{ m})$	218.21(†100.0), 98.91(†70), 945.7(†37)
2525.6 5	0.0088 4	$^{47}\text{V}(32.6 \text{ m})$	1793.9(0.19), 159.369(0.107), 244.4(0.094)
2525.6 2	0.29 3	$^{96}\text{Rh}(9.90 \text{ m})$	832.57(100), 685.49(95.7), 631.71(74.5)
2525.6 6	0.37 11	$^{119}\text{Cd}(2.69 \text{ m})$	292.9(36.8), 343.0(16.9), 1609.7(10.9)
2525.7 3	0.16 3	$^{95}\text{Rb}(377.5 \text{ ms})$	352.02(49), 204.02(15.1), 680.7(14.8)
2525.8 5	†6 3	$^{17}\text{C}(193 \text{ ms})$	1373.8(†100), 1849.5(†92), 1906.7(†29)
2525.8 3	0.098 18	$^{104}\text{Tc}(18.3 \text{ m})$	358.0(89), 530.5(15.6), 535.1(14.7)
2526.0 11	0.003 3	$^{65}\text{Ga}(15.2 \text{ m})$	115.09(54), 61.20(11.4), 153.0(8.9)
2526	†0.5	$^{120}\text{I}(81.0 \text{ m})$	560.44(†137), 1523.0(†21.1), 640.85(†17.1)

• $t_{1/2} > 1 \text{ d}$

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2526.0 4	0.13 3	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2526.1 5	0.071 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2526.2 8	0.121 14	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2526.5 2	2.9 3	⁸¹ Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
2526.5 5	0.053 14	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2526.5 3	0.040 9	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2526.6 5	0.206 20	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
2526.8 5	0.31	¹⁴⁵ La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
2526.9 4	0.34 5	¹⁰⁰ Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
2526.90 30	0.094 11	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2526.9 4	0.030	²⁰³ Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2527.3 4	0.20 3	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
2527.4 3	0.653 24	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2527.4 12	1.0 7	¹¹⁹ Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
2528.1 6	0.0027 9	²⁰⁹ At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2528.2 15	0.14 6	¹⁸¹ Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
2528.4 5	0.14 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2528.5 2	0.29 6	¹⁵² Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
2528.6 6	0.0015 3	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2528.7 20	1.04 14	⁹⁸ Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
2529.0 8	0.026 7	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2529	†2	²³⁸ Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
2529.2 3	0.33 4	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2529.4 5	0.64 25	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2529.5 4	0.16 6	²⁰³ Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
2529.6 10	3.2 5	³¹ Mg(230 ms)	1613.0(36), 946.8(31.5), 1626.1(24.8)
2529.63 15	0.44 7	¹²² In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2529.8 3	0.31 8	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
2529.9 3	0.091 25	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2530.0 9	†>0.045	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2530.2 2	2.7 6	¹⁰⁰ Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
2530.2 15	0.020 6	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2530.80 30	0.0061 14	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2531 1	0.33 10	¹¹⁸ Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2531.19 26	0.0043 13	⁹¹ Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
2531.2 6	2.0 6	²⁹ S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
2531.6 5	0.022 7	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2531.84 7	0.48 3	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2531.9 3	0.130 14	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2532.2 3	0.022 10	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2532.2 3	0.135 21	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2532.2 10	†4 3	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2532.3 4	0.07 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2532.3 3	0.00146 25	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2532.44 30	0.073	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2532.5 5	†0.75 21	¹⁸⁸ Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2532.7 3	1.69 14	¹⁰¹ Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
2532.9 2	0.86 9	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2533.1 5	0.20 6	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2533.1 5	0.043 7	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2533.2 1	0.395 25	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2533.5 3	0.066 7	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 2534.0 6	0.008 3	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2534.1 2	0.39 4	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2534.2 3	0.035 7	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2534.5 5	0.20 3	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2534.6 4	0.81 9	¹⁰⁰ Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
2534.9 3	0.094 14	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2535.0 6	0.31 12	¹²⁷ Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
2535.0 5	0.062 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2535.2 3	2.6 7	¹¹³ Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
2535.52 11	0.042 4	⁸⁸ Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
2535.57 25	0.077 8	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2535.6	0.041	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2535.80 10	0.235 20	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
2536.0 3	0.066 7	⁶³ Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2536 3	†0.67 5	¹⁰² Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
2536.08 15	0.68	¹⁵⁴ Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2536.1 5	0.0167 22	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2536.2 9	0.07 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2536.3 9	0.58 11	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2536.3 4	†7.5 8	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2536.7 10	0.0026 6	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2536.7 7	0.041 11	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
• 2536.9 4	0.063 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2537.2 5	0.26 7	⁹⁹ Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2537.3 4	0.00178 19	⁷⁸ Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
2537.3 1	†0.07 3	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2537.37 11	0.188 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2537.37 11	0.081 16	⁷⁸ Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2537.4 3	0.56 6	¹⁰⁷ Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
2537.8 9	0.17 7	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2537.98 60	0.073 20	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2538.3 4	0.044 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2538.5	†9.3 8	³³ Si(6.18 s)	1847.54(†100), 1431.6(†13.1), 416.00(†6.7)
2538.6 5	0.20 5	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2538.8 10	0.0027 5	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2538.91 10	0.062 6	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2539.0 20	0.010 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2539.2 5	0.46 3	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2539.2 11	0.38 5	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2539.4 3	0.0092 33	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2539.4 3	0.170 22	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2539.4 4	0.09 5	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2539.5 3	0.47 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2539.9	17.4 8	³⁶ P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
2539.9 5	0.69 15	¹⁰⁸ Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
2540.0 11	0.37 6	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2540 1	0.018 8	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2540.1 7	0.049 6	¹¹³ Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
2540.7 7	0.069 9	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2540.7 5	0.30 9	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2540.73 14	0.149 18	¹¹⁷ Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
2541	<1	⁵⁰ Mn(1.75 m)	783.29(100), 1097.97(98.5), 1443.28(69)
2541.2	2.5 2	²⁶ Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 1895.8(2.2)
2541.39 11	0.73 5	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2541.4 5	0.20 3	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2541.5 5	0.32 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2541.8 3	2.62 15	$^{108}\text{Sn}(18.0 \text{ m})$	1099.4(30), 649.90(28.0), 1321.3(11.9)
2541.80 7	0.50 6	$^{133}\text{Te}(12.5 \text{ m})$	312.072(62), 407.63(27.1), 1333.21(10.67)
2541.92	0.0270 20	$^{23}\text{Ne}(37.24 \text{ s})$	439.986(33), 1635.96(0.99), 2075.91(0.102)
2542.0 3	0.20 5	$^{95}\text{Rb}(377.5 \text{ ms})$	352.02(49), 204.02(15.1), 680.7(14.8)
2542.0 16	0.009 3	$^{158}\text{Eu}(45.9 \text{ m})$	944.09(25), 977.131(13.6), 79.5104(11)
2542.6 2	0.0162 23	$^{79}\text{Rb}(22.9 \text{ m})$	688.1(23), 182.77(19.2), 143.41(13.9)
2542.6 5		$^{145}\text{La}(24.8 \text{ s})$	70.0(11), 355.8(3.8), 118.2(3.6)
2542.6 5	0.24 6	$^{148}\text{Pr}(2.27 \text{ m})$	301.702(61), 1357.78(5.5), 1023.18(4.8)
2542.70 10	0.00296 8	$^{106}\text{Rh}(29.80 \text{ s})$	511.842(20), 621.94(9.93), 1050.39(1.56)
2542.7 10	10.00 24	$^{142}\text{La}(91.1 \text{ m})$	641.285(47), 2397.8(13.3), 894.9(8.34)
2542.7 8	0.032 7	$^{198}\text{Tl}(5.3 \text{ h})$	411.8044(82), 675.8874(11), 636.4(10.1)
• 2542.8 6	0.0112 13	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2542.9 5	0.7	$^{85}\text{Se}(31.7 \text{ s})$	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2543	0.026 12	$^{60}\text{Cu}(23.7 \text{ m})$	1332.501(88), 1791.6(45.4), 826.06(21.7)
2543.1 5	0.128 21	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
2543.4 6	0.24 9	$^{192}\text{Au}(4.94 \text{ h})$	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2543.5 5	>0.08	$^{137}\text{Nd}(38.5 \text{ m})$	75.5(17.0), 580.6(13), 306.60(10.0)
2543.7 5	0.77 6	$^{99}\text{Nb}(2.6 \text{ m})$	97.785(7), 253.50(3.64), 2641.3(3.64)
2543.73 14	0.795 22	$^{138}\text{I}(6.49 \text{ s})$	588.825(56), 875.23(9.2), 2262.19(3.86)
2543.84 11	2.98 16	$^{93}\text{Sr}(7.423 \text{ m})$	590.238(67), 875.73(24.1), 888.13(21.8)
2543.9 30	0.076 14	$^{61}\text{Zn}(89.1 \text{ s})$	475.0(16.85), 1660.5(7.80), 970.0(2.57)
2543.9 3	0.33 4	$^{90}\text{Rb}(258 \text{ s})$	831.69(94), 1375.36(16.7), 3317.00(14.4)
2543.93 20	0.29 4	$^{90}\text{Br}(1.92 \text{ s})$	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2544.0 6	0.00052 16	$^{130}\text{I}(9.0 \text{ m})$	536.09(16), 586.05(1.07), 1614.10(0.447)
2544.0 16	0.023 15	$^{174}\text{Ta}(1.05 \text{ h})$	206.50(58), 91.00(16.0), 1205.92(4.9)
2544.1 1	†4.1 4	$^{160}\text{Ho}(5.02 \text{ h})$	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2544.2 10	0.17 4	$^{64}\text{Ga}(2.630 \text{ m})$	991.52(43), 807.86(13.65), 3365.86(13.1)
2544.3 2	0.69 7	$^{104}\text{Tc}(18.3 \text{ m})$	358.0(89), 530.5(15.6), 535.1(14.7)
2544.3 3	0.0028 5	$^{166}\text{Tm}(7.70 \text{ h})$	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 2544.6 3	0.042 4	$^{146}\text{Eu}(4.59 \text{ d})$	747.2(98), 633.03(43), 634.07(37)
2544.7 5	1.07 13	$^{121}\text{Xe}(40.1 \text{ m})$	252.7(13), 132.8(10.9), 445.2(7.7)
2544.9 7	0.054 9	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2545.0 10	0.02 1	$^{100}\text{Rh}(20.8 \text{ h})$	539.59(78.4), 2376.1(35.3), 1553.4(21)
2545 1	0.025	$^{125}\text{Cs}(45 \text{ m})$	526(24), 111.8(9), 412(5)
2545.04 17	0.26 6	$^{186}\text{Ir}(16.64 \text{ h})$	296.911(64.0), 137.155(42), 434.849(34.4)
2545.38 18	0.165 22	$^{207}\text{At}(1.80 \text{ h})$	814.41(44.5), 588.33(19.2), 300.654(12.8)
2545.4 6	0.050 14	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
2545.4 15	0.54 18	$^{110}\text{Sb}(23.0 \text{ s})$	1211.87(92), 985.03(31.2), 1243.6(13.4)
2545.5 2	0.45 6	$^{77}\text{Zn}(2.08 \text{ s})$	189.49(28.1), 473.94(19.7), 1832.0(12.4)
2545.6 6	0.055 24	$^{141}\text{Cs}(24.94 \text{ s})$	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2545.6 2	†3.32 16	$^{158}\text{Ho}(11.3 \text{ m})$	218.21(†100.0), 98.91(†70), 945.7(†37)
2545.8 4	0.043 7	$^{167}\text{Lu}(51.5 \text{ m})$	29.66(14.4), 239.22(8.6), 213.19(3.6)
2546 1	1.56 18	$^{129}\text{In}(0.61 \text{ s})$	2118.0(45), 1865.0(32), 769.3(9.1)
2546.1 7	0.034 14	$^{150}\text{Pm}(2.68 \text{ h})$	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 2546.1 6	0.0067 9	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2546.5 6	0.0016 5	$^{132}\text{I}(2.295 \text{ h})$	667.718(99), 772.60(75.6), 954.55(17.6)
2546.7 20	0.006 4	$^{76}\text{Br}(16.2 \text{ h})$	559.101(74), 657.041(15.9), 1853.67(14.7)
2546.9 8	0.027 14	$^{154}\text{Tb}(9.4 \text{ h})$	123.071(30), 247.925(22.1), 540.18(20)
2547 2	†10	$^{107}\text{Sn}(2.90 \text{ m})$	1129.2(†100), 678.5(†100), 1540.6(†30)
2547.1 10	0.0015 6	$^{166}\text{Tm}(7.70 \text{ h})$	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2547.12 10	0.38 4	$^{87}\text{Br}(55.60 \text{ s})$	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
• 2547.34 11	0.101 3	$^{140}\text{La}(1.6781 \text{ d})$	1596.210(95), 487.021(45.5), 815.772(23.28)
2547.34 11	0.00023 12	$^{140}\text{Pr}(3.39 \text{ m})$	1596.210(0.50), 306.9(0.151), 751.637(0.032)
2547.6 11	0.11 4	$^{144}\text{La}(40.8 \text{ s})$	397.440(94.3), 541.20(39.2), 844.8(22.3)

• $t_{1/2} > 1 \text{ d}$

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2547.6 4	0.028 11	¹⁹⁹ Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2547.93 15	0.42 4	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2548	0.0067 4	⁴⁷ V(32.6 m)	1793.9(0.19), 159.369(0.107), 244.4(0.094)
2548.02 17	0.62 5	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2548.1	0.026 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2548.2 2	1.7 6	¹¹⁹ Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
2548.2 4	0.13 3	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
2548.27 20	0.071 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2548.40 3	0.623 10	⁸⁸ Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
2548.4 3	0.034 5	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2548.5 5	0.62 12	¹⁰⁸ Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
2548.5 15	0.18 6	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2548.6 6	0.071 9	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2549.0 5	0.05 5	¹⁰⁴ Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
2549.2 6	0.20 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2549.3 1	†0.055 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2549.5 11	0.034 7	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2549.6 9	0.6	⁴⁵ Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
2549.6 4	0.030 5	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2549.80 60	0.33 22	¹⁴⁸ La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
2549.9 9	0.030 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2549.9 6	0.31 10	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2549.93 11	0.75 5	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2550 2	2.3 3	⁶⁹ Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
2550.06 22	0.27 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2550.2 5	1.61 23	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2550.2 2	0.227 16	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2550.2 2	0.87 8	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2550.4 4	0.0008 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2550.5 5	0.12 3	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2550.54 12	0.037 7	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2550.6 4	0.183 22	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2550.7 10	5.5 12	³² Na(13.2 ms)	885.4(60), 2151.3(32), 239.5(16.6)
2550.8 15	0.029 15	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2551.0 7	0.28 6	¹⁰⁵ In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2551.0 8	0.028 7	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2551.0 10	0.00042	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2551.1 12	0.052 23	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2551.9 5	0.15 4	¹⁰¹ Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
2551.9 3	0.107 13	¹¹² Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2551.9 5	†0.6 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2552.0 7	0.33 7	¹³¹ Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
2552.12 20	0.0040 3	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2552.3 5	0.043 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2552.4 9	1.5 4	¹¹³ Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
2552.5 18	0.02 1	²² F(4.23 s)	1274.53(100), 2082.5(85.1), 2165.9(67.8)
2552.76 15	0.37 4	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2552.9 13	0.050 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2553.6 6	0.06 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2553.8 4	0.055 6	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2554.19 7	0.35 4	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2554.2 6	0.113 14	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2554.2 15	0.13 9	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2554.3 4	0.0056 14	$^{105}\text{Cd}(55.5 \text{ m})$	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2554.8 2	9.2 5	$^{87}\text{Kr}(76.3 \text{ m})$	402.586(49.6), 845.43(7.34), 2558.1(3.92)
2554.8 6	0.38 4	$^{94}\text{Rb}(2.702 \text{ s})$	1309.1(87), 836.9(87.10), 1577.5(31.8)
2554.8 7	0.061 12	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2554.95 12	0.187 16	$^{80}\text{Ga}(1.697 \text{ s})$	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2555	>0.026	$^{60}\text{Cu}(23.7 \text{ m})$	1332.501(88), 1791.6(45.4), 826.06(21.7)
2555.3 17	0.027 8	$^{86}\text{Y}(14.74 \text{ h})$	1076.64(83), 627.72(32.6), 1153.01(30.5)
2555.3 8	0.034 12	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
2555.4 4	0.0018 9	$^{209}\text{At}(5.41 \text{ h})$	545.0(91), 781.9(83.5), 790.2(63.5)
2555.7 3	0.114 9	$^{209}\text{Rn}(28.5 \text{ m})$	408.32(50.3), 745.78(22.8), 337.45(14.5)
2555.8 6	0.10 4	$^{91}\text{Kr}(8.57 \text{ s})$	108.788(43.5), 506.592(19.1), 612.87(7.7)
2556.1 3	0.32 6	$^{88}\text{Br}(16.5 \text{ s})$	775.28(63), 802.14(13.13), 1440.69(4.72)
2556.1 5	0.120 15	$^{208}\text{At}(1.63 \text{ h})$	686.527(98), 660.040(89), 177.595(48.6)
2556.6 3	0.211 19	$^{112}\text{Sb}(51.4 \text{ s})$	1257.05(96), 990.70(14.3), 670.0(3.7)
2556.6 3	0.14	$^{154}\text{Pm}(1.73 \text{ m})$	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2556.9 5	†0.6 3	$^{152}\text{Tb}(17.5 \text{ h})$	344.281(†1500), 586.294(†223), 271.135(†203)
2557.1 5	0.026 7	$^{195}\text{Tl}(1.16 \text{ h})$	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2557.2	0.09	$^{95}\text{Sr}(23.90 \text{ s})$	685.6(23), 2717.3(4.6), 2933.1(4.1)
2557.26 16	0.59 4	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
2557.4 5	0.045	$^{104}\text{Ag}(33.5 \text{ m})$	555.796(91), 1238.0(3.87), 2276.7(2.46)
2557.5 4	0.124 21	$^{93}\text{Rb}(5.84 \text{ s})$	432.61(17.4), 986.05(6.8), 213.429(6.7)
2557.5 5	0.092 21	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
2557.5 5	0.017 5	$^{173}\text{Ta}(3.14 \text{ h})$	172.2(18), 69.70(5.9), 90.3(5.0)
2557.52 50	0.052 9	$^{174}\text{Ta}(1.05 \text{ h})$	206.50(58), 91.00(16.0), 1205.92(4.9)
2557.8 10	1.20 25	$^{97}\text{Sr}(426 \text{ ms})$	1905.0(25), 953.8(21.4), 652.2(11.4)
2557.8 12	0.19 6	$^{99}\text{Pd}(21.4 \text{ m})$	136.00(73), 263.60(15.2), 673.38(6.9)
2557.8 4	0.41 7	$^{100}\text{Y}(735 \text{ ms})$	212.531(73), 118.59(15.4), 665.98(7.7)
2557.85 10	0.295 25	$^{78}\text{Rb}(17.66 \text{ m})$	454.97(63), 692.86(12.56), 562.15(11.41)
2557.9 3	0.034 5	$^{143}\text{Eu}(2.63 \text{ m})$	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2558.0 4	0.36 9	$^{74}\text{Br}(46 \text{ m})$	634.78(91), 728.37(35.6), 634.26(16.4)
2558.0 4	0.17 7	$^{91}\text{Kr}(8.57 \text{ s})$	108.788(43.5), 506.592(19.1), 612.87(7.7)
• 2558.0 5	0.0358 22	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2558.1 2	3.92 25	$^{87}\text{Kr}(76.3 \text{ m})$	402.586(49.6), 2554.8(9.2), 845.43(7.34)
2558.42 12	0.28 3	$^{207}\text{At}(1.80 \text{ h})$	814.41(44.5), 588.33(19.2), 300.654(12.8)
2558.80 20	0.0150 14	$^{105}\text{Cd}(55.5 \text{ m})$	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2558.9 3	0.22 4	$^{150}\text{Tb}(3.48 \text{ h})$	638.05(72), 496.3(14.8), 792.5(4.39)
2559.0 2	0.134 19	$^{146}\text{La}(6.27 \text{ s})$	258.47(64), 924.58(7.45), 702.28(6.43)
2559.0 4	0.030 4	$^{167}\text{Lu}(51.5 \text{ m})$	29.66(14.4), 239.22(8.6), 213.19(3.6)
2559.07 25	0.39 10	$^{206}\text{At}(30.0 \text{ m})$	700.66(98), 477.10(86), 395.54(48)
2559.2 4	0.152 16	$^{136}\text{Pr}(13.1 \text{ m})$	552.16(76), 539.75(52), 1092.3(18.5)
2559.4 4	0.35 6	$^{91}\text{Kr}(8.57 \text{ s})$	108.788(43.5), 506.592(19.1), 612.87(7.7)
• 2559.4 4	0.00125 20	$^{145}\text{Eu}(5.93 \text{ d})$	893.73(66), 653.512(15.0), 1658.53(14.9)
2559.5 4	†0.20 8	$^{158}\text{Ho}(11.3 \text{ m})$	218.21(†100.0), 98.91(†70), 945.7(†37)
2559.6 4	0.143 10	$^{154}\text{Tb}(9.4 \text{ h})$	123.071(30), 247.925(22.1), 540.18(20)
2559.6 5	0.109 20	$^{202}\text{Bi}(1.72 \text{ h})$	960.67(99), 422.18(83.7), 657.49(60.6)
2560 1	36	$^{29}\text{Na}(44.9 \text{ ms})$	54.6(<41), 1638.0(5.9), 1585.6(5.6)
2560.10 25	3.8 3	$^{126}\text{In}(1.64 \text{ s})$	1141.11(100), 908.58(99), 111.79(88)
2560.1 1	†0.77 14	$^{160}\text{Ho}(5.02 \text{ h})$	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2560.1 5	0.0055 8	$^{166}\text{Tm}(7.70 \text{ h})$	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2560.4 5	0.0147 24	$^{123}\text{Xe}(2.08 \text{ h})$	148.9(49), 178.1(14.9), 330.2(8.6)
2560.4 10	0.029 12	$^{192}\text{Au}(4.94 \text{ h})$	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2560.5 3	0.8	$^{207}\text{Hg}(2.9 \text{ m})$	351.059(77), 997.1(69), 1637.1(30)
2560.6 10	3.7 8	$^{120}\text{I}(53 \text{ m})$	560.44(100), 601.11(87), 614.62(67)
2560.8 1	0.291 18	$^{149}\text{Tb}(4.118 \text{ h})$	352.24(29.43), 164.98(26.4), 388.57(18.37)

• $t_{1/2} > 1 \text{ d}$

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2560.9 2	0.223 22	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2560.96 8	0.100 8	¹⁴³ La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
• 2561.1 6	0.0134 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2561.31	0.033 3	³⁴ Cl(32.00 m)	2127.492(42.8), 1176.626(14.09), 3304.039(12.29)
2561.33 12	1.00 6	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2561.4 6	0.025 8	¹⁵² Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2561.6 3	0.049 14	¹⁸⁷ Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2561.67 84	0.046 22	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2561.9 4	2.3 3	¹⁴⁷ Tb(1.7 h)	1152.4(100), 694.4(43), 139.9(27.46)
2562.2 5	0.099 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2562.33 10	3.72 21	¹²¹ Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
2562.7 7	0.043 7	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2562.79 60	0.064	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2562.8 3	0.0159 8	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2563 1	<18	⁵² K(105 ms)	
2563.6 5	0.225 25	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
2563.7	0.10	⁹⁷ Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
2563.8 6	0.16 8	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2563.9 9	1.0 4	⁷⁸ Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
2564.0 9	0.17 11	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2564 2	0.0075 25	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2564.0 10	0.09 3	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2564.1 7	0.078 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2564.19 14	12.5 6	⁹¹ Rb(58.4 s)	93.628(33.7), 3599.67(10.4), 345.52(8.3)
2564.2 5	0.102 21	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2564.3 5	0.035 7	¹⁸ N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
2564.3 3	0.12 3	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2564.4 10	†3.7 3	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2564.4 4	0.108 9	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2564.76 16	0.0021 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2564.84 7	0.0056 3	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2564.9 4	0.22 5	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2564.9	0.034	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2565.0	0.14	¹⁴⁵ Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
• 2565.10 3	0.0423 22	²⁰⁵ Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
2565.3 7	0.044 10	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2565.4 5	0.97 18	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2565.4 3	1.64 14	¹⁰¹ Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
2565.5 5	0.050 22	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 2565.6 5	0.012 6	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2566.10 13	0.28 3	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2566.12 10	0.095 16	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2566.2 5	0.062 17	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
2566.3 1	0.0305 12	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2566.35 10	0.046 7	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2566.8 4	0.028 11	¹⁹⁹ Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2566.9 5	0.8 5	¹⁰² Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
2566.93 60	0.092	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2566.96 20	0.065 7	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
2567 5	0.46	¹⁴⁶ Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
2567.1 4	0.030	²⁰³ Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2567.38 97	0.041 20	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2567.8 5	0.035 9	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2567.97 18	2.25 11	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2568.5 8	0.0023 14	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2568.59 20	0.38 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2568.93	†0.7	¹³¹ Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2569		¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2569.3 5	0.054 7	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2569.3 5	0.21 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2569.4 3	15	¹³⁶ Te(17.5 s)	2077.9(22), 333.99(19), 578.75(18)
2569.4 7	0.052 10	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2569.5 2	0.172 20	⁸¹ As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
2569.8 4	0.0049 10	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2570	†1.4	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2570.0 4	†5.2 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2570.19 6	9.9 5	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2570.2 5	1.58 18	⁴⁸ Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
2570.44 23	0.44 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2570.5 5	>0.038	¹³⁷ Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2570.5 1	†0.173 18	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2570.5 5	†7 5	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2570.8 3	0.0043 16	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2570.8 3	0.12 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2570.8 5	0.19 3	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2570.875 54	0.0189 5	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2570.9 3	0.17 3	¹⁸⁷ Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2571.0 8	0.149 21	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2571.10 20	0.00145 6	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2571.1 3	0.017 4	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2571.2 5	0.25 8	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2571.3 3	47	⁷⁶ Rb(39.1 s)	424.0(43.4), 355.6(8.2), 1803.3(7.6)
2571.6 2	0.046 5	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2571.8 3	0.14 3	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2571.90 20	1.12 11	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
2572.2 5	0.028 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2572.3 4	2.58 20	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2572.38 14	1.20 3	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2572.85 20	0.089 13	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2573.6 4	†0.20 6	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2573.7 4	0.91 7	³⁰ Al(3.60 s)	2235.24(65), 1263.23(40), 3498.37(32)
2573.8 2	0.0150 14	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2573.9 2	3.3 3	⁹⁸ Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
2573.9 1	0.102 8	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2573.91 16	0.18 4	²⁰⁵ Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2574.0 5	0.27 6	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2574.04 12	0.34 3	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2574.2 3	0.127 20	⁹³ Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2574.2	>0.00050	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2574.5 9	0.029 7	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2574.6 1	†0.91 14	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2574.8	0.023 3	⁴¹ Sc(596.3 ms)	2959.3(0.0139)
2574.8 5	0.111 18	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2574.9 6	0.27 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2575.1 5	0.108 12	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2575.1 5	0.078 21	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2575.2 5	0.17 3	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
• 2575.3 7	0.027 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2575.37 9	0.58 5	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2575.7 4	0.0247 24	¹³³ Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2575.8 8	†1.4 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2575.9 6	0.10 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2576.2 3	0.63 12	⁹⁶ Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
2576.6 8	0.33 7	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2576.6 3	0.30 9	²⁰⁷ Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
• 2576.8 4	0.076 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2576.9	0.030 12	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
2577.0 3	0.25 2	¹⁰⁷ Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
2577.28 25	0.28 3	⁷⁷ Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
2577.4 5	0.19 6	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
• 2577.6 8	0.0183 24	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2577.6 14	0.12 5	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
2577.791 28	0.180 9	⁸⁸ Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
2578.0 6	0.043 5	⁵⁵ Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
2578.0 5	0.088 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2578.03 16	0.82 9	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2578.06 52	0.085 21	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2578.2 4	0.011 5	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2578.26 12	5.60 9	⁴⁷ K(17.5 s)	2013.45(93), 586.01(79.7), 564.79(13.27)
2578.4 10	0.099 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2578.55 9	2.24 7	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2578.6 4	0.076 11	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2578.60 15	0.81 8	¹²⁸ In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
2578.70 20	0.00094 9	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
2578.9 5	0.062 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2579.4 8	0.064 14	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2580.07 10	1.27 6	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2580.1 7	0.17 3	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2580.2	0.863 25	³⁴ Ar(844.5 ms)	665.54(2.5), 3128.9(1.30), 461.00(0.9)
2580.3 5	0.0049 15	¹²³ Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2580.3 5	0.08 3	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2580.4 2	0.56 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2580.5 8	†1.2 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2580.8 3	0.122 9	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2580.90 20	1.21 5	⁸⁶ Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
2581.1 2	†0.091 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2581.3 1	0.0167 8	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2581.35 10	0.87 4	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
• 2581.7 3	0.041 10	¹⁸⁶ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2581.71 10	0.0234 22	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2581.9 7	†17 4	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
2582.0 5	0.027 5	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2582.3 10	0.05 5	¹⁰⁴ Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
2582.4 4	0.028 3	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 2582.5		¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2582.52 4	0.0192 12	¹⁹ O(26.91 s)	197.142(95.9), 1356.843(50.4), 109.894(2.71)
2582.6 5	0.0092 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2582.6 1	0.80 5	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
• 2582.9 3	0.139 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2583.0 6	0.0274 20	¹⁴² Pm(40.5 s)	1575.85(2.0), 641.4(0.384), 2384.3(0.067)
2583.15 13	0.239 15	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
2583.3 3	0.087 11	⁶⁹ As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2583.4 4	0.014 3	^{72}Ga (14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
2583.8 4	0.208 14	^{107}In (32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2583.9 3	0.0019 12	^{65}Ga (15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2584.0 5	0.29 12	^{75}Zn (10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2584.22	0.07	^{203}Bi (11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2584.3 8	1.8 3	^{85}Se (31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2584.3 4	\dagger 0.11 7	^{158}Ho (11.3 m)	218.21(\dagger 100.0), 98.91(\dagger 70), 945.7(\dagger 37)
2584.31 98	0.017 9	^{174}Ta (1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2584.5 5	0.15 3	^{95}Rb (377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2584.7 7	\dagger 1.7 5	^{152}Tb (17.5 h)	344.281(\dagger 1500), 586.294(\dagger 223), 271.135(\dagger 203)
2584.9 5	1.59 16	^{127}Sn (2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2585.1 7	0.12 6	^{92}Kr (1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2585.2 2		^{106}In (6.2 m)	632.66(100), 861.16(92), 997.87(48)
2585.2 2		^{106}In (5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2585.2 3	0.23 3	^{121}Ag (0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
• 2585.3 3	0.076 17	^{72}As (26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2585.47 8	0.0428 14	^{122}I (3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2585.6 5	0.10 3	^{91}Kr (8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2585.7 1	0.33 2	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2585.7 5	0.035 9	^{173}Ta (3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2585.9 6	0.027 8	^{93}Sr (7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2586.0 15	0.13 3	^{95}Rh (5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
2586.1 2	0.0254 23	^{79}Rb (22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2586.1 3	0.034 5	^{176}Ta (8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2586.3 5	0.051	^{116}Sb (15.8 m)	1293.54(85), 931.800(24.7), 2225.33(14.2)
2586.3	0.026 9	^{149}Tb (4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2586.9 3	0.42 5	^{88}Br (16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2586.94 8	0.092 6	^{118}In (4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
2587.4 3	0.048 5	^{143}Eu (2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2587.5 4	0.24 6	^{92}Kr (1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2588.0 5	0.036 14	^{162}Tm (21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2588.3 8	1.5 3	^{132}Sb (2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
2588.3 4	\dagger 9.8 9	^{152}Tb (17.5 h)	344.281(\dagger 1500), 586.294(\dagger 223), 271.135(\dagger 203)
2588.4 2	\dagger 0.64 9	^{160}Ho (5.02 h)	728.18(\dagger 100), 879.383(\dagger 65.9), 962.317(\dagger 59.1)
2588.9 4	0.019 3	^{209}At (5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2589.00 15	0.028 3	^{66}Ga (9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
2589.1 6	0.30 8	^{121}Xe (40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2589.18 15	0.51 3	^{93}Kr (1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2589.2 2	0.048 13	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2589.4 7	0.10 3	^{156}Ho (56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2589.80	26.4 10	^{35}K (190 ms)	2982.67(50.8), 1750.6(14.2), 1184.0(7.3)
2589.8 9	0.11 4	^{99}Nb (2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2589.8 10	0.0020 10	^{115}Sb (32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
2589.8 11	0.020	^{137}I (24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2590.0 5	\dagger 2.5 12	^{155}Nd (8.9 s)	180.574(\dagger 100), 418.99(\dagger 75), 955.08(\dagger 50)
2590.03 15	0.13 1	^{87}Br (55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2590.5 10	>0.013	^{137}Nd (38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2590.5 15	0.09 3	^{154}Tb (21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2590.6 10	0.14	^{142}La (91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2591.0 4	0.27 5	^{76}Ga (32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2591.14 20	0.43	^{154}Pm (1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2591.2 6	0.0069 23	^{79}Rb (22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2591.3 20	0.006 3	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2591.30 15	0.191 18	^{207}At (1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2591.4 4	0.47 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2591.4 3	0.0025 8	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2591.54 8	0.0056 5	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2591.6 3	0.60 6	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2591.6 4	0.0138 24	¹⁶⁸ Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
2592.1 3	0.25 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2592.32 20	0.64 7	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2592.4 11	0.05 3	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2592.6 4		¹¹ Li(8.5 ms)	3367.4(35), 2811(2.8), 219.4(1.6)
2593.0 8	0.19 4	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2593.15 20	0.54 5	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2593.2 7	0.0035 11	¹²² I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2593.3 6	†0.37 14	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2593.53 30	0.19 4	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
2593.6 4	†0.16 6	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2593.7 6	0.14 3	⁸⁴ Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
2593.7 6	0.37 8	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2593.8 4	0.27 4	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2593.8 8	0.0012 3	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2594.0 6	0.44 15	¹¹⁹ Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
2594.2 3	0.261 19	⁷⁹ Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
2594.2 3	2.21 18	⁷⁹ Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
2594.33 14	0.188 17	⁷⁷ Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
2594.5 5	0.0033 9	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2594.77 30	0.078	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2595.3 2	6.2 2	³⁰ Al(3.60 s)	2235.24(65), 1263.23(40), 3498.37(32)
2595.3 5	0.017 5	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2595.4 5	0.021 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2595.5 3	0.0092 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2596.0 7	0.157 16	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2596.3 3	0.099 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2596.7 2	2.74 8	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
2596.7 5	0.12 6	¹⁰⁵ In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2596.9 4	0.31 5	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2596.9 5	†0.10 4	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2597.3 2	0.039 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2597.7 3	0.056 19	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2597.8 4	0.21 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2597.92 20	0.109 16	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2598 3	†4.3×10 ⁴ 17	¹²³ In(47.8 s)	125.76(†4.2×10 ⁷), 3234(†130000), 1169.8(†100000)
2598.2 2	0.77 5	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2598.2 4	0.024 5	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2598.4 6	0.04 3	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2598.459 13	0.0188 20	⁵⁶ Mn(2.5785 h)	846.771(98.9), 1810.772(27.2), 2113.123(14.3)
• 2598.459 13	17.28 15	⁵⁶ Co(77.27 d)	846.771(100), 1238.282(67.6), 1771.351(15.69)
2598.7 9	0.14	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 2599.0 5	0.031 3	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2599.0	0.029 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2599.1 6	0.26 3	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2599.1 4	0.26 3	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2599.28 16	0.67 4	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2599.40 20	1.05 8	⁴⁷ K(17.5 s)	2013.45(93), 586.01(79.7), 564.79(13.27)
2599.4 5	†0.6 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2599.4 5	0.015 7	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
• 2599.6 2	0.130 10	²⁰⁶ Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
2599.84 6	0.00282 21	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2600.0 20	†1.8 2	¹⁰⁴ Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
2600		¹⁵⁸ Ho(21.3 m)	406.14(†100), 838.9(†84.3), 1484.1(†66.2)
2600.1 3	0.22 4	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2600.18 40	0.134 24	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2600.2 4	3.1 4	⁷⁶ Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
2600.7 2		¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2600.76 20	0.043 5	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2600.9 4	0.75 11	¹⁴⁸ Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
2600.95 18	4.5 3	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2601.0 4	6.2 8	⁵³ Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
2601	0.024 5	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2601.25 15	0.70 4	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2601.3 5	†0.10 4	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2601.4 3	0.229 22	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2601.5 4	1.47 23	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2601.7 2	0.0128 24	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2601.78 25	2.7 5	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
2601.8 9	0.12 6	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
2601.8 9	0.09 3	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2601.98 8	12.0 7	¹²³ Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
2602	0.020 11	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
2602.15 20	0.35 4	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2602.38 22	0.35 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2602.5 20	†1.0 3	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2602.5 20	3.2 7	¹²⁰ I(53 m)	560.44(100), 601.11(87), 614.62(67)
2602.61 11	4.19 22	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2602.7 5	0.078 12	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2602.8 5	†1.4 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2603.0 1	0.99 6	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2603.20 8	0.41 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2603.2 5	0.0015 3	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2603.2 2	0.052 11	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2603.3 8	0.70 17	⁹⁷ Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
2603.6 3	0.213 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2603.8	0.031	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2603.8 5		⁸² As(19.1 s)	654.6(15), 1731.3(4.1), 755.2(1.81)
2604.0 9	0.0118 16	¹³³ Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2604.5 10	0.00044 11	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2604.8 4	†2.1 5	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
2604.8 6	1.1	¹³⁶ Te(17.5 s)	2077.9(22), 333.99(19), 578.75(18)
2605 3	0.011 5	⁹³ Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
2605.0 6	0.063 19	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2605.0 4	†3.0 5	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2605.4 2	†7.0 3	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2605.5 4	0.018 4	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
2605.75 6	0.281 16	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2606.1 9	2.2 4	¹²⁰ In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
2606.1 2	0.127 9	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2606.1 4	†4.3 4	¹⁷⁰ Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
2606.1 5	0.024 7	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2606.2 6	0.139 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2606.5 5	1.8 7	¹¹³ Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2606.65 19	0.71 6	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2606.7 5	0.14 4	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
• 2606.86 4	0.0187 19	²⁰⁵ Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
2606.9 5	0.24 5	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2607.0	0.53	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2607.03 10	0.103 6	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2607.1 3	0.081 15	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2607.2 6	0.0010 3	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2607.4 1	1.4 3	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2607.6 6	0.063 19	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2607.6 11	0.032 6	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2608.0 5	2.5 3	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2608.3 8	0.135 14	¹¹⁴ Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
2608.5 2	1.60 18	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2608.8 4	0.0046 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2609.1 5	†0.25 8	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
2609.18 14	0.083 6	¹¹⁸ In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
2609.3 3	0.68 7	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
2609.3 3	0.034 5	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
2609.4 1	†0.27 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2609.6 2	0.051 8	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2609.89 15	0.60 6	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
2610.0 1	0.248 13	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2610.11 20	1.24 7	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
2610.3 8	0.14 6	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2610.5 6	0.097 15	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2610.7 3	0.090 7	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2611.0 3	0.10 4	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2611.4 2	0.29 3	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2612.0 5	0.028 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2612.1 6	0.29 3	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2612.2 2	0.55 5	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2612.4 9	0.33	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2612.6 7	†0.23 7	²⁷ Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
2612.6 3	0.218 22	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2612.9 4		¹⁹⁹ Pb(12.2 m)	366.90(7), 382.8, 2751.9
2613.0 4	3.5 13	¹⁰² Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
2613.0 4	3.3 12	¹⁰² Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
2613 1	0.085 14	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2613.1 14	0.00017	¹⁷³ Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
2613.15 20	0.076 12	¹⁴³ Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
2613.2 3	0.105 10	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2613.2 4	0.20 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2613.4 5	0.06	¹⁰⁴ Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
2613.7 7	0.034 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2613.75 20	0.0036 3	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2613.8 11	0.0026 18	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
2613.8 11	0.87 11	²¹ Mg(122 ms)	1633.602(9.0), 3332.54(0.66), 4965.85(0.0040)
2614.1 3	0.129 19	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2614.1 10	0.95 10	¹⁷⁶ Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
2614.3 6	†0.98 7	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2614.4 4	†2.6 8	¹³¹ Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2614.4 4	0.072 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2614.4 6	0.38 6	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2614.5 6	0.046 13	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2614.5 4	0.0036 12	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2614.5 1	†3.4 4	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2614.533 13	99	²⁰⁸ Tl(3.053 m)	583.191(84.5), 510.77(22.6), 860.564(12.42)
• 2614.533 13	100	²⁰⁸ Bi(3.68×10 ⁵ y)	
2614.533 13	2.6 3	²¹² Po(45.1 s)	583.191(2.0)
2614.7 3	0.088 11	⁹³ Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2614.9 3	1.699 11	²⁹ Na(44.9 ms)	54.6(<41), 2560(36), 1638.0(5.9)
2615.0 15	0.03 2	⁸⁷ Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
2615.2 2	7.37 19	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2615.2 2	>0.09	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2615.5 8	0.081 11	¹³⁵ Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
2615.5 3	0.114 10	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2615.8 2	0.70 11	⁷⁸ As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
2616.0 7	0.187 22	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2616.26 3	4.8 4	¹²⁵ Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
2616.3 3	0.10 4	¹⁰⁰ Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
2616.67 9	0.238 18	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2617.0 4	0.06 3	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2617.1 2	0.0013 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2617.7 4	†0.45 9	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2617.8 3	0.61 9	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2617.92 20	0.52	¹⁵⁴ Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2618.3 8	0.45 14	⁵⁷ Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
2618.5 4	0.57 20	¹⁰⁵ Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
2619 2	0.33 4	⁵¹ Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
2619.0 2	0.026 3	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2619.07	0.21 4	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2619.20 10	2.25 7	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2619.2		⁹⁸ Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
2619.2 5	0.166 20	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2619.57 9	2.9 14	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
2619.7 4	†7.2 6	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2619.7 8	0.004 3	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2620.0 4	0.19 6	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2620.2 6	0.084 19	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2620.3 3	0.61 16	¹⁰⁸ Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
2620.33 23	0.67 6	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2620.4 6	0.0046 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2620.8 6	0.0079 8	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2621.37 20	0.028 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2621.38 16	0.132 4	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 2621.38 16	0.386 9	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2621.4 6	†0.8 3	¹⁷⁰ Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
2621.5	15.4 13	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 3101.3(11.0)
• 2621.56 15	0.0095 6	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2621.6 6	2.72 24	¹⁷⁶ Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
2621.7 5	0.78 13	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2621.7 9	†>0.09	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2621.8 3	0.23 4	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
2622.1 1	0.052 11	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2622.1 5	0.036 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 2622.45 25	0.081 12	¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2622.5 3	0.131 10	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2622.7 4	0.30 6	⁸⁴ Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
2622.77 15	0.053 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2622.8 10	0.022 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2622.9 20	0.23 3	⁹⁸ Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
2622.9 4	0.08 4	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2623 1	0.14 9	⁶⁷ Ni(21 s)	1937.1(0.64), 1115.3(0.49), 821.6(0.47)
2623	0.046	¹²⁵ Cs(45 m)	526(24), 111.8(9), 412(5)
2623.5 3	0.34 5	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2623.5 6	0.041 14	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2623.82 16	0.094 19	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2624 2	0.14 6	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2624.4 7	0.0028 3	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2624.41 8	1.35 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2624.5 6	0.09 3	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2624.6 6	0.0120 24	¹¹³ Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
2624.7 2	0.017 6	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2624.72 6	0.31 2	¹⁴³ La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
2624.8 5	0.092 19	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2625.3 4	0.073 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2625.7	0.009 4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2626.4 8	0.97 13	³⁰ Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
2626.7 6	1.0 3	⁷⁸ Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
2626.8 4	†4.8 8	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
2626.86 13	2.84 11	⁷⁸ Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2626.9 4	0.91 9	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2626.9		¹⁰⁶ Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
2626.9 3	†1.8 4	¹⁸⁸ Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2627.00 42	1.6 6	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
2627 2	0.13 4	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2627 2	0.32 11	¹⁶⁴ Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2627.36 15	0.139 11	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2627.6 8	0.0023 12	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2627.7 8	0.174 22	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2628.0 5	0.11 3	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2628.0 5	0.13 6	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2628.4 4	0.081 22	⁷⁸ As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
2628.50 20	0.052 6	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
2628.5 3	0.0041 4	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2629.2 6	†0.24 6	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
• 2629.4 2	0.054 3	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2629.7 9	0.32 13	⁹⁹ Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2629.70 10	0.78	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2629.7 4	1.28 12	¹⁴⁸ Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
2629.8 4	0.24 8	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2629.9 2	4.2 4	⁸¹ Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
2629.9 3	0.067 8	¹³⁴ I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
2630.0 6	0.070 23	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2630.06 41	0.123 23	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2630.1 15	0.14 5	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2630.5 8	0.049 12	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2630.8 4	†1.82 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2630.9 5	0.0009 5	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2631.3 4	1.40 16	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2631.3 3	0.011 4	⁹⁶ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2631.6 10	1.0 2	⁹⁴ Rh(25.8 s)	756.23(100), 1430.50(100), 311.70(97.3)
2631.6 10	1.4 3	⁹⁴ Rh(70.6 s)	1430.50(100), 756.23(51), 1072.50(30.7)
2631.63 7	0.243 15	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
2631.97 20	0.118 3	⁹¹ Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 3028.25(0.085)
2632 2	>0.13	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
2632.0 6	0.14 4	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2632.0 7	0.020 7	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2632.1 7	0.009 5	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2632.3 5	0.044 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2632.4 7	4.8 4	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
2632.6 14	0.032 7	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2632.94 8	0.0062 5	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2633.0 3	0.10 4	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2633.1 20	0.033 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2633.3 4	0.19 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2633.35 50	0.012 4	¹⁴³ Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
2633.6 12	0.095 22	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2633.6 4	†1.91 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2633.7 3	0.8 1	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2633.75 22	0.106 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2633.8 6	0.139 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2633.8 8	0.50 20	¹³² Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
2633.9 4	0.0145 15	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
2633.9 5	0.26 7	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2634.1 3	3.5	²⁰⁷ Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
2634.2 6	0.19 9	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2634.2 2	6.7 3	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
2634.3 8	0.049 12	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2634.5 3	0.81 6	⁷⁵ Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2634.6 10	†0.19 5	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2635.1 5	0.29 4	¹⁰¹ Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
2635.2 3	0.59 9	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2635.7 3	0.0049 12	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2635.9 5	0.011 4	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2635.93 80	0.059 20	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2636.2 8	0.67 7	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2636.30 20	1.1 1	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
2637.0 4	0.16 6	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
• 2637.0 6	0.0085 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2637.1 6	0.014 7	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2637.1 10	0.52 10	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
2637.2 10	0.31 6	⁷⁰ As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2637.3 6	0.59 11	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2637.3 4	†0.6 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2637.4 5	0.094 24	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2637.5 3	0.090 8	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2637.8	2.8 4	³⁵ K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
2637.9 8	0.22 8	¹²⁷ Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
2637.94 50	0.16 3	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2638	†0.41	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2638.1 4	0.28 4	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2638.1 5	0.070 17	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2638.15 20	1.33 4	⁵⁸ Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2638.40 25	2.5 6	¹²³ Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
2638.6 3	2.08 15	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2638.7 4	0.43 7	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2638.8 6	0.071 14	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2638.9 7	0.0009 3	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2639.0 6	0.12 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2639.0	†9	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
2639.2 4	0.07	¹⁵⁴ Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2639.5 10	>0.038	¹³⁷ Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2639.59 13	7.63 23	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
2640 2	0.009 4	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2640.1 3	0.78 6	⁷⁵ Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2640.1 6	0.034 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2640.7	0.038 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2640.8 4	0.040 10	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
• 2641.0 30	0.005	¹²⁴ I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2641.05 20	0.0027 3	⁷⁸ Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
2641.3 5	3.64 22	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2851.5(3.05)
2641.6 15	0.035 9	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
2641.67 8	0.59 5	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2641.8 3	6.1 6	¹²⁵ Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
2641.9 4	0.17 4	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
2642.0 7	0.008 4	¹³⁸ Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1551.1(0.42)
• 2642.1 4	0.085 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2642.2 1	2.09 12	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2642.28 18	0.36 7	¹²² In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2642.3 3	0.130 11	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2642.5 4	0.20 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2642.9 3	0.31 3	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2643 1	0.08 4	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2643 3	0.06 3	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2643.2 4	0.034 11	¹⁹⁹ Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2643.3 5	0.53 5	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2643.4 5	2.2 3	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2643.4 1	†0.41 9	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2643.4 10	0.21 3	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2643.9 7	0.209 22	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2644	†0.9	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2644.1 5	0.12 3	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 2644.3 2	0.092 5	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2644.55 15	†42.7 16	⁹³ Tc(43.5 m)	943.33(†8.7), 3129.0(†6.4), 1492.45(†5.7)
2644.6 2	0.25 3	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2644.8 2	0.0065 8	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2645.2 6	0.3 2	⁹² Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
2645.26 15	0.42 3	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2645.5 7	0.020 7	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2645.6 3	0.012 3	²⁰⁹ At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2645.7 10	0.09	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2645.8 5	0.16 6	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2645.8 5	†0.13 5	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2646.0 15	0.23 8	⁹⁷ Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
2646 2	0.019	¹³⁴ I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
2646.4 8	0.081 16	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2646.5 4	†3.8 3	¹⁷⁰ Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2646.6 6	0.17 5	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2646.6 2	0.38 4	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2646.6 11	0.044 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2646.7 3	1.3 4	¹²³ Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
2646.8 5	0.11 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2646.8 3	0.023 4	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2647.0 20	0.04 2	¹⁸¹ Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
2647.6	0.203 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2647.8 5	3.6 3	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2647.8 8	0.052 10	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2648.0 2	†1.86 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2648.50 2	0.0174 11	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2648.7 13	0.0016 12	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2649.3 5	0.00065 8	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2649.32 7	0.193 11	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2649.5 7	0.25 8	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2649.7	0.009 4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2649.8 4	0.0012	¹¹⁶ In(14.10 s)	1293.54(1.3), 463.16(0.25), 1252.5(0.031)
2650	†0.9	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2650.3 3	0.43 6	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2650.35 16	0.40 4	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
• 2650.35 17	0.0029	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 2650.36 17	0.0049	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2650.8 3	0.14 5	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2650.96	0.024	²⁰³ Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2651.7 6	0.18 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2651.7 10	0.020 7	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2652 1	0.08 4	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
• 2652.0 4	0.0202 22	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2652.5 4	0.023 4	⁸⁷ Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
2652.62 22	0.31 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2652.7 6	0.057 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2653.0 7	†0.10 3	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 2653.0 6	0.036 4	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2653.1 4	0.208 14	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2653.3	†9	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
2653.8 6	0.0010 3	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2653.9 3	0.23 3	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2654	†0.41	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2654.4 10	0.28 4	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
2654.4 4	0.0027 9	²⁰⁹ At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2654.97 12	1.17 5	⁷⁸ Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2655.0 2	0.00015 3	¹⁴⁴ Pr(17.28 m)	696.510(1.3), 2185.662(0.694), 1489.160(0.278)
2655.0 7	†1.4 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2655.1 5	0.040 16	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 2655.30 8	0.0436 22	⁷⁶ As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
2655.30 8	0.13 4	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2655.5 4	0.52 10	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2655.66 98	0.043 20	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2655.67 64	0.064 15	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2655.7 13	0.25 20	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2655.95 8	7.3×10 ⁻⁵ 13	⁸² Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
2655.95 8	0.0023 5	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2656.2	0.16 8	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2656.0 6	0.7	¹³⁶ Te(17.5 s)	2077.9(22), 333.99(19), 578.75(18)
2656.0 6	0.6	¹³⁶ Te(17.5 s)	2077.9(22), 333.99(19), 578.75(18)
2656.0 6	0.11 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2656.0 2		¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2656.0 2	0.24 3	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2656.4	0.050 25	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2656.1	0.010 5	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2656.11 18	0.00048 7	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2656.4 4	0.060 13	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2656.41	0.98 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2656.41	0.115 6	⁴⁴ Sc(3.927 h)	1157.031(99.9), 1499.43(0.912), 2144.2(0.0069)
2656.6 5	0.053 14	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2656.66 20	0.0421 20	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
2656.68 6	0.0016 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2656.7 10	0.021 14	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2656.8 2	0.0061 8	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2656.8 4	0.06 3	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2657.02 30	0.048	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2657.2 12	0.012 5	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2657.45 5	0.653 20	⁵⁶ Mn(2.5785 h)	846.771(98.9), 1810.772(27.2), 2113.123(14.3)
• 2657.45 5	0.025 25	⁵⁶ Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
2657.5 5	0.32 5	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2657.6 5	†0.11 3	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2657.9 4	0.093 13	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
2658.1 5	0.16 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2658.2 5	2.4 3	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2658.4 10	0.10 3	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2658.6 2	†0.09 4	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2658.7 2	†0.55 7	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2658.8 3	0.25 3	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2659	†0.9	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2659.1 5	0.086 16	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2659.40 30	0.072 7	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2659.5 10	0.0014 7	¹⁰⁰ Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
2659.60 20	0.154 18	⁸¹ As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
2659.8 6	0.096 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2659.9 8	0.54 15	¹¹⁵ Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
2660.0 3	21.6 11	⁸⁶ Se(15.3 s)	2441.1(43.0), 48.3(15.4), 2010.6(10.2)
2660.1 10	1.12 17	⁸³ As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
2660.4 6	0.0019 9	¹⁰⁵ Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2660.8 10	0.036 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2660.86 13	0.119 20	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2660.9 6	0.059 20	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2660.9 3	2.77 20	¹⁰¹ Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
2661.0 3	0.14 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 2661.0 3	0.224 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2661.08 22	0.31 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2661.1 4	0.075 19	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2661.4 15	0.041 7	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2661.7 2	5.2 3	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2661.7 2	0.64 18	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2661.8 6	4.2	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2661.99 26	0.40 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2662.1	0.0005 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2662.0 10	0.00030	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2662.3 2	1.07 9	¹³¹ Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
2662.4 10	0.028 11	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
2662.7 10	1.96 9	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2662.7 2	0.062 9	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2662.7 5	0.074 15	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2662.79 15	0.34 5	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2663.0 7	0.09 3	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2663.0 4	†5.4 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2663.1 10	0.71 10	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2663.2 5	0.48 11	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2663.21	†2.9	¹³¹ Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2663.49 20	0.51 5	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2663.5 6	0.087 9	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2663.7 10	0.036 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2663.8 4	0.13 3	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
• 2663.95 20	1.22 4	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2664.0 4	0.053 9	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2664.1	4 1	¹³² Sb(4.10 m)	696.8(100), 973.9(100), 150.6(66)
2664.1 20	0.07 6	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
2664.3 8	0.18 5	¹⁰¹ Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
2664.6 6	0.18 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2665.1	0.50 20	¹¹⁸ Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2665.18 15	0.44 4	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2665.3 5	†0.35 3	¹⁸⁴ Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2665.4 3	0.34 5	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2665.6 6	0.05 6	²⁰³ Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
2665.7 15	0.07 3	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2665.92	>0.0033	²⁶ Si(2.234 s)	829.420(21.90), 1622.26(2.73), 1843.26(0.258)
2666.0 5	0.41 4	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2666.2 8	0.44 5	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2666.7 10	0.043 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2666.8 9	1.80 10	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2666.9 7	0.64 7	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2667.0 10	0.030 11	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2667.37 9	0.00120 8	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2667.4	0.18	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
• 2667.4 5	0.081 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2667.52 10	0.0032 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2667.6 8	0.51 22	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2667.67 20	0.042 5	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
2667.7 6	0.16 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2667.75 10	0.064 6	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2667.8 3	0.06	²⁰³ Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2667.9 4	†3.7 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2668.0 5	0.012 6	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2668.2 5	0.016 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2668.2 5	0.057 14	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2668.8 8	0.035 3	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
2668.8 4	0.16 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2669.0 3	0.11 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2669.0 3	†0.36 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2669.1	0.132 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2669.25 14	0.38 8	$^{122}\text{In}(10.3 \text{ s})$	1140.55(98), 1001.58(50.7), 1190.58(20.5)
• 2669.7 5	0.00027 5	$^{76}\text{As}(26.32 \text{ h})$	559.101(45), 657.041(6.2), 1216.104(3.42)
2670.1 4	0.0115 19	$^{112}\text{Sb}(51.4 \text{ s})$	1257.05(96), 990.70(14.3), 670.0(3.7)
2670.2 8	0.30 5	$^{107}\text{In}(32.4 \text{ m})$	204.97(47), 505.51(11.9), 320.92(10.2)
2670.4 4	0.084 11	$^{138}\text{I}(6.49 \text{ s})$	588.825(56), 875.23(9.2), 2262.19(3.86)
2670.7 2	0.066 6	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2671.1 2	0.028 9	$^{98}\text{Nb}(51.3 \text{ m})$	787.374(93), 722.645(73.8), 1168.830(17.8)
2671.1 5	0.55 5	$^{108}\text{Tc}(5.17 \text{ s})$	242.25(82), 465.6(14.3), 707.81(11.4)
2671.2 15	0.010 7	$^{99}\text{Pd}(21.4 \text{ m})$	136.00(73), 263.60(15.2), 673.38(6.9)
2671.5 2	0.68 14	$^{108}\text{In}(58.0 \text{ m})$	875.46(100), 632.96(100), 242.84(41)
• 2671.5 2	0.035 3	$^{146}\text{Eu}(4.59 \text{ d})$	747.2(98), 633.03(43), 634.07(37)
2671.59 20	0.34	$^{137}\text{I}(24.5 \text{ s})$	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2671.7 3	0.123 9	$^{141}\text{Cs}(24.94 \text{ s})$	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2671.95 20	0.0050 4	$^{166}\text{Tm}(7.70 \text{ h})$	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2672.0 6	0.14 4	$^{121}\text{Xe}(40.1 \text{ m})$	252.7(13), 132.8(10.9), 445.2(7.7)
2672.2 2	†0.32 6	$^{158}\text{Ho}(11.3 \text{ m})$	218.21(†100.0), 98.91(†70), 945.7(†37)
2672.3 3	0.22 3	$^{77}\text{Zn}(2.08 \text{ s})$	189.49(28.1), 473.94(19.7), 1832.0(12.4)
2672.3 5	0.050 14	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
2672.5 3	0.69 7	$^{119}\text{Cd}(2.20 \text{ m})$	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
2672.6 10	0.19	$^{142}\text{La}(91.1 \text{ m})$	641.285(47), 2397.8(13.3), 2542.7(10.00)
2673	†1.7	$^{107}\text{Sn}(2.90 \text{ m})$	1129.2(†100), 678.5(†100), 1540.6(†30)
2673 2	0.010 4	$^{158}\text{Eu}(45.9 \text{ m})$	944.09(25), 977.131(13.6), 79.5104(11)
2673 2	0.11 4	$^{158}\text{Tm}(3.98 \text{ m})$	192.13(62), 335.10(16.8), 1149.83(7.6)
2673.1 8	1.80 24	$^{18}\text{N}(624 \text{ ms})$	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
2673.2 10	2.1 4	$^{110}\text{Sb}(23.0 \text{ s})$	1211.87(92), 985.03(31.2), 1243.6(13.4)
2673.4 5	0.056 17	$^{139}\text{Xe}(39.68 \text{ s})$	218.59(56), 296.53(21.7), 174.97(11.3)
2673.98 18	0.040 5	$^{139}\text{Cs}(9.27 \text{ m})$	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2674.1 3	0.118 17	$^{138}\text{I}(6.49 \text{ s})$	588.825(56), 875.23(9.2), 2262.19(3.86)
2674.2 4	0.106 21	$^{93}\text{Rb}(5.84 \text{ s})$	432.61(17.4), 986.05(6.8), 213.429(6.7)
2674.2 2	0.18	$^{176}\text{Ta}(8.09 \text{ h})$	1159.28(25), 88.34(12), 1224.93(6)
2674.6 5	0.100 14	$^{140}\text{Cs}(63.7 \text{ s})$	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2674.8 2	†5.0 5	$^{160}\text{Ho}(5.02 \text{ h})$	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2674.89 60	0.059	$^{137}\text{I}(24.5 \text{ s})$	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2674.9 5	0.035 9	$^{173}\text{Ta}(3.14 \text{ h})$	172.2(18), 69.70(5.9), 90.3(5.0)
2675 2	0.10 7	$^{89}\text{Nb}(1.9 \text{ h})$	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2675.2 3	0.064 10	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2675.3 8	0.13 3	$^{60}\text{Cu}(23.7 \text{ m})$	1332.501(88), 1791.6(45.4), 826.06(21.7)
2675.4 6	0.11 3	$^{101}\text{Sr}(118 \text{ ms})$	128.34(18.0), 1124.82(10.9), 510.73(8.5)
2675.4 6		$^{192}\text{Au}(4.94 \text{ h})$	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2675.4 3	0.10	$^{207}\text{Hg}(2.9 \text{ m})$	351.059(77), 997.1(69), 1637.1(30)
2675.7 13	2.2 5	$^{31}\text{Mg}(230 \text{ ms})$	1613.0(36), 946.8(31.5), 1626.1(24.8)
2676.4 3	0.14 8	$^{119}\text{Ag}(2.1 \text{ s})$	626.4(13), 366.2(12.1), 399.1(10.9)
2676.4 6	0.08 3	$^{121}\text{Ag}(0.78 \text{ s})$	314.55(32.1), 353.43(19.9), 500.61(9.3)
2676.72 23		$^{186}\text{Ir}(16.64 \text{ h})$	296.911(64.0), 137.155(42), 434.849(34.4)
2677.0 2	0.33 5	$^{104}\text{Tc}(18.3 \text{ m})$	358.0(89), 530.5(15.6), 535.1(14.7)
2677.0 6	0.21 5	$^{121}\text{Xe}(40.1 \text{ m})$	252.7(13), 132.8(10.9), 445.2(7.7)
2677.2 10	0.06 3	$^{142}\text{Cs}(1.70 \text{ s})$	359.598(27.2), 1326.46(12.92), 966.89(9.0)
• 2677.3 7	0.0067 9	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2677.35 4	0.037 5	$^{118}\text{In}(4.45 \text{ m})$	1229.68(96), 1050.69(81.0), 683.08(54.3)
2677.35 4	0.012 5	$^{118}\text{Sb}(3.6 \text{ m})$	1229.68(2.5), 1267.23(0.511), 528.83(0.472)
2677.4 3	1.00 17	$^{127}\text{Cd}(0.43 \text{ s})$	1235.07(8.3), 376.28(7.5), 523.60(5.15)
2677.8 10	1.4 2	$^{94}\text{Rh}(70.6 \text{ s})$	1430.50(100), 756.23(51), 1072.50(30.7)
2677.892 21	1.96 3	$^{86}\text{Rb}(17.78 \text{ m})$	1836.063(21.40), 898.042(14.04), 1382.406(0.74)
2677.9 2	0.085 10	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2678.0 4	0.26 5	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2678 1	0.60 20	¹¹⁸ Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2678 1	0.88 10	¹⁷⁶ Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
2678.6 5	0.11 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2678.6 10	0.007 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2679.09 20	0.046 3	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2679.2 10	0.042 21	¹⁶⁴ Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2679.4 8	0.0049 12	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2679.5 6	0.048 20	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2679.8 3	0.73 9	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2680 1	0.23 11	⁶⁷ Ni(21 s)	1937.1(0.64), 1115.3(0.49), 821.6(0.47)
2680.1 4	0.087 23	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2680.2 5	0.75 12	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
• 2680.3 7	0.0076 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 2680.4 2	0.0147 20	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2680.5 7	†1.5 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2680.7 5	0.014 4	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2680.9 3	0.32 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2680.9 5	0.37 5	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2681.0 4	0.11 3	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2681.0 4	0.274 24	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2681.0 3	0.42 5	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2681.2 4	0.22 5	¹⁰⁵ Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
2681.3 7	1.94 11	⁷⁸ As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
2681.3 4	0.76 8	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
2681.3 4	0.74 14	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2681.3 1	†0.25 4	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2681.33 14	0.746 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2681.35 28	1.46 6	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2681.4 4	3.6 4	¹⁴⁷ Tb(1.7 h)	1152.4(100), 694.4(43), 139.9(27.46)
2681.6 3	0.432 24	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2681.6 3	0.032 8	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2681.7 6	0.15 6	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2681.8 8	†0.36 6	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2682.0 7	0.0129 38	⁵⁹ Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
• 2682.0 4	0.00156 20	¹²⁴ Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 2682.0 4	0.030 12	¹²⁴ I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2682.0 8	1.29 14	¹⁷⁶ Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
2682.1 4	1.7 7	¹⁰² Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
2682.4 2	0.73 5	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2682.5 7	0.0057 6	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2682.6 2	0.46 5	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2682.82	0.009	²⁰³ Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2682.93 79	0.038 19	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2683.4 5	0.063 6	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2683.5 4	0.00019 11	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2683.5 4	0.131 16	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2683.8 8	0.68 5	⁶¹ Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
2684.0	1.18 16	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2684.21 15	0.131 11	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2684.4 10	1.16 9	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
2684.6 2	0.0231 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2684.8 4	†4.5 3	¹⁷⁰ Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2684.9 6	0.192 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2685.1 5	1.36 15	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2685.1 6	0.030 10	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2685.37 15	0.185 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2685.4 6	0.26 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2685.6 4	0.080 21	⁵³ Fe(8.51 m)	377.88(42), 1619.9(0.50), 2273.5(0.38)
2685.6 13	0.0019 10	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2685.6 4	0.029 6	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2685.8 5	0.16 6	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2685.8 3	0.040 5	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2685.9 3	1.08 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2686.0 10	0.25 3	¹¹² Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2686 4	0.043 25	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2686.4 4	0.07 3	⁶⁹ As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2686.5 1	†0.077 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2686.7 7	0.015 5	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2686.81 10	0.27 4	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2687.0 9	0.09 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2687.0 5	0.63 5	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2687.3 10	†1.1 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2687.5 4	6.2 6	⁴⁵ Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
2687.9 3	0.44 7	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
2688.2 8	1.25 25	⁹⁷ Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
2688.20 20	0.80 10	¹¹⁵ Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
2688.3 4	0.10 4	¹¹⁹ Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
2688.3 8	†0.30 6	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2688.3 10	0.050 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2688.5 4	0.08 4	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2688.6 10	0.20 8	¹²⁷ Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
2688.65 12	2.10 12	⁹³ Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2688.79 15	0.033 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2688.8 11	0.22 5	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2688.9 5	0.087 17	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
2689	0.012 3	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
2689.6 5	0.04 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2689.6 5	0.20 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2689.7 3	0.046 11	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2690.0 15	0.36 4	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2690.5 5	0.072 22	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2690.8 7	0.0010 3	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2690.9 5	1.0 6	¹⁰² Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
2690.9 5	0.9 5	¹⁰² Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
2690.9 2	0.18 4	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2690.96 9	1.00 3	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2691 2	0.23 3	⁵¹ Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
2691.0 9	0.021 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2691.0 8	0.007 3	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2691.2 3	0.034 9	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 2691.45 20	0.426 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2691.6 4	0.15 4	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2692.1 6	0.39 4	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2692.4 20	0.07 3	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2692.6 4	0.23 7	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2692.7	†10.2	¹⁴⁴ Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2693.36 7	0.39 3	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
2693.4 5	0.078 22	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2693.5	0.1480 24	³⁵ Ar(1.775 s)	1219.42(1.35), 1763.10(0.312), 3002.60(0.0977)
2693.5 10	†1.5 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2693.51 30	0.12	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2693.6 6	1.1 3	⁷⁸ Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
• 2693.68 6	0.0025 3	¹²⁴ Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 2693.68 6	0.016 8	¹²⁴ I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2693.8 3	0.0116 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2693.8 3	4.27 23	¹⁰¹ Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
2693.8 3	2.3 3	¹¹⁸ Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
2693.94 10	0.41 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2694.0 12	0.025 11	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2694.1 5	0.017 5	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2694.3 15	0.07 6	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2694.4 9	†0.045 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2694.6 15	0.28 6	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
2694.7 6	0.033 22	²⁰⁵ Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2694.8 1	1.05 3	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2694.8 8	0.040 8	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2694.8 2	0.0360 20	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2694.9 10	0.14 3	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2694.9 6	0.045 11	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2695 2	1.5 3	⁶⁹ Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
2695 3	†5.4×10 ⁴ 20	¹²³ In(47.8 s)	125.76(†4.2×10 ⁷), 3234(†130000), 1169.8(†100000)
2695.38 14	0.92 9	¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2695.5 3	0.73 9	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2695.9 5	1.67 16	¹²⁷ Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2696.0 20	†2.4 2	¹⁰⁴ Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
2696.3 5	0.0016 5	²¹¹ Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
2696.54 7	0.00302 21	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2696.6 3	0.040 4	⁶³ Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2696.8 4	8.1 6	²⁹ S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
2696.8	0.044 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2697.0 7	0.24 3	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2697.2 15	†0.68 14	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2697.2 9	0.08 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2697.4 6	0.19 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2697.4 3	0.09	¹⁵⁴ Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2697.9 4	†6.3 6	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2698.0 3	†2.2 3	⁹³ Tc(43.5 m)	2644.55(†42.7), 943.33(†8.7), 3129.0(†6.4)
2698.2 1	†0.19 4	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2698.5 5	0.13 3	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2698.8 5	0.107 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 2698.80 30	0.591 22	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2699.1	0.39 3	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
2699.1 3	0.37 11	¹⁰¹ Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
2699.2 12	0.049 13	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2699.3 4	0.05 3	¹⁸⁵ Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2699.4 3	0.0022 9	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2699.5 5	0.032 8	¹³⁴ I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
2699.6 4	0.54 5	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
2699.6 4	3.1 3	¹²⁴ In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
• 2699.7		¹⁸⁸ Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2699.8 5	0.054 20	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2699.94 25	0.106 9	⁵⁸ Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
2700.1 2	0.101 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2700.42 16	0.39 7	¹²² In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2700.5 4	0.20 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2700.5 3	0.22 3	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2700.57 20	†0.90 4	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2700.7 5	0.078 10	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2700.8 6	0.101 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2700.9 5	0.0116 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2700.9 5	0.080 9	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2700.9 9	0.021 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2701	†77	⁵⁷ Zn(40 ms)	
2701.40 10	5.6 6	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
2701.4 1	†0.12 3	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2701.6 3	0.26 7	¹¹⁹ Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
2701.8 3	1.19 18	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2702 2	2.9 6	⁵³ Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
2702 2	1.0 3	⁵³ Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
2702.3	0.044	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2702.3 6	0.55 22	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2702.4 6	0.44 7	⁹² Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
2702.5 5	0.51 7	¹⁰⁸ Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
2702.7 6	0.051 14	¹¹⁴ Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
2703 2	0.028 5	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2703.1 10	†1.8 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2703.1 4	0.0038 5	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2703.2 9	0.034 14	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2703.2 6	7	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2703.2 6	0.8	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2703.3 2	0.87 5	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2703.3 10	0.0046	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2703.35 91	0.044 17	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2703.4 3	0.070 16	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2703.5 15	0.20 10	⁶⁵ Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
2703.7 2	0.860 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2704.0 3	1.54 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2704.5 4	0.11 3	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2704.6 7	0.041 20	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2704.88 7	1.7 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2704.92 4	0.105 16	⁵⁰ Sc(102.5 s)	1553.768(100), 1121.124(99.5), 523.792(88.7)
2704.97 17	1.03 7	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2705.0 4	1.23 14	¹⁴⁸ Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
2705.02 18	0.00251 10	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2705.02 18	0.00085 10	¹⁰⁶ Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
2705.3 5	0.14 5	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2705.3 10	0.057	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2705.6 3	0.024 9	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2705.8	0.23 4	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2705.9 2	0.26 3	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2706.2 4	3.4 4	⁷⁸ Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
2706.6 4	0.29 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2706.6 25	0.021 9	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2706.9 8	0.31 21	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2707.0 10	0.10 3	¹⁵⁰ Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
2707.26 15	2.03 12	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2707.3 3	0.258 25	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2707.7 4	0.15 2	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
2707.71 23	0.94 6	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2708		¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2708.5 3	0.55 9	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2708.5 4	0.84 7	⁹⁹ Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2708.5 1	0.064 6	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2708.7	0.07	¹⁴⁵ Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
2708.9 4	0.017 3	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2708.9 3	0.071 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2709.0 15	0.09	²⁰⁵ At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2709.2 3	0.13 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2709.39 30	†5.8 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2709.5 3	0.00373 10	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2709.6	†7.2	¹⁴⁴ Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
2709.6 10	0.075 23	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2709.8 3	0.103 12	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2709.87 8	0.091 7	¹⁴³ La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
2710	0.017 17	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2710.3 8	0.022 7	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2710.88 61	0.068 18	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2711.1 17	0.022 5	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2711.7 5	0.114 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
• 2711.8 21	0.013	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2712.2 11	0.26 18	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2712.50 15	1.22 8	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2712.7 4	0.14 3	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2713.0 15	0.23 5	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
2713.2 6	0.058 19	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2713.3 5	0.26 5	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2713.4 3	0.024	²⁰³ Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2713.9 5	0.0072 18	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2714 3	0.074 22	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2714 2	0.034	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2714.3 3	0.013 3	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2714.3 6	0.13 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2714.4 5	0.079 6	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2714.8 3	0.37 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2715.1 8	†2.5 3	¹⁷⁰ Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
2715.19 10	0.19 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2716	†1.9	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2716 1	0.028 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2716.0 8	0.037 8	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2716.1 8	0.007 3	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2716.40 10	1.84 6	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2716.5 4	1.9 7	¹⁰² Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
2716.69	0.0030	²⁰³ Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 2716.7 4	0.0119 24	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2716.8 4	0.0026 3	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2716.9 4	0.0131 16	⁶³ Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2717.0 2	0.59 6	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2717.2 15	0.33 10	⁶⁵ Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2717.2 4	0.49 3	^{107}In (32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2717.3	4.6 5	^{95}Sr (23.90 s)	685.6(23), 2933.1(4.1), 2247.6(3.8)
2717.5 6	0.0035 5	^{132}I (2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2717.6 6	0.0119 22	^{85}Y (4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2717.7 1	\dagger 0.16 3	^{160}Ho (5.02 h)	728.18(\dagger 100), 879.383(\dagger 65.9), 962.317(\dagger 59.1)
2717.8 6	0.12 3	^{115}Te (5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
2718.0	0.006 4	^{149}Tb (4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2718.3 6	0.14 4	^{121}Xe (40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 2718.3 6	0.0157 18	^{170}Lu (2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2718.4 3	0.058 5	^{114}Sb (3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2718.4 5	0.31 6	^{192}Au (4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2718.5 15	0.18 8	^{97}Rb (169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
2718.5 2	0.0008 3	^{128}Cs (3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2718.5	0.22	^{149}Ho (21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2718.7 2	0.27 3	^{92}Kr (1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2719.1 3	0.63 6	^{126}In (1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
2719.2 3	0.80 10	^{100}Y (735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2719.27 11	0.0260 9	^{122}I (3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2719.4 3	0.0018 6	^{214}Bi (19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2719.82 30	\dagger 9.2 8	^{152}Tb (17.5 h)	344.281(\dagger 1500), 586.294(\dagger 223), 271.135(\dagger 203)
2720.2 4	0.200 24	^{93}Kr (1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2720.2 4	0.0019 4	^{166}Tm (7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2720.4 3	0.129 7	^{93}Ru (59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
2720.5 10	0.0027 12	^{133}Ce (4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 2720.9 5	0.0426 22	^{170}Lu (2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2721.2 17	0.030 6	^{174}Ta (1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2721.3 7	0.070 6	^{112}Sb (51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2721.3 3	0.17	^{154}Pm (1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2721.30 50	0.040 9	^{207}At (1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2721.7 6	0.37 17	^{105}In (5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2721.7 6	0.076 25	^{121}Xe (40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2721.9 7	0.036 14	^{89}Kr (3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2721.9 4	0.032 8	^{204}Bi (11.22 h)	899.15(98), 374.72(82), 984.02(59)
2722.0 8	0.0013 6	^{65}Ga (15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2722.0 4	\dagger 1.6 4	^{131}Sn (56.0 s)	1226.03(\dagger 100), 450.03(\dagger 90), 798.50(\dagger 86)
2722.1 5	0.52 20	^{119}Ag (2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2722.3 2	0.74 12	^{105}In (5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2722.3 5	0.017 5	^{173}Ta (3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2722.51 25	0.00045 7	^{134}La (6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2722.7 5		^{82}As (19.1 s)	654.6(15), 1731.3(4.1), 755.2(1.81)
2722.8 4	0.121 10	^{154}Tb (21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2723.0 5	0.88 10	^{84}As (5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)
2723.6 3	0.099 9	^{112}Ag (3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2723.9 3	0.0008 3	^{128}Cs (3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2724.1 3	0.129 9	^{91}Tc (3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2724.2 7	0.17 5	^{91}Rb (58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2724.26 21	0.43 6	^{90}Rb (258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2724.26 21	0.090 11	^{90}Rb (158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
2724.5 1	0.69 9	^{85}Se (31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2724.60 25	0.56 9	^{93}Rb (5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 2724.6 2	0.0226 20	^{146}Eu (4.59 d)	747.2(98), 633.03(43), 634.07(37)
2724.8 7	0.087 15	^{156}Ho (56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2724.9 2	0.36 5	^{104}Tc (18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2725.1 3	0.41 8	^{186}Ir (2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2725.2 11	0.14 14	¹⁷² Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
2725.66 7	0.0015 4	¹⁵ C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
2725.77 24	0.44 4	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2726	0.046	¹²⁵ Cs(45 m)	526(24), 111.8(9), 412(5)
2726.0 7	0.078 14	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2726.11 9	1.04 5	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2726.14 20	0.096	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 2726.6 6	0.0112 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2726.68 11	0.87 4	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2726.9 5	1.4 6	¹⁰² Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
2726.9 5	1.3 5	¹⁰² Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
2726.9 5	0.021 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2726.94 61	0.080 20	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2727.0 12	0.059 17	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2727.8 9	0.043 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2728.0 5	0.35 9	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2728.3 5	0.47 7	⁹⁸ Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
2728.6 4	0.062 6	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2728.8 4	0.11 6	²⁰³ Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
2728.9 6	0.063 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2728.9 10	0.0012 4	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2729 2	0.028 13	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2729	>0.0029	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2729 1	†>0.46	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 2729.3 7	0.0090 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2729.3 2	0.035 5	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2729.5 5	1.18 14	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2729.6 5	†0.009 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2729.9 5	0.79 12	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2730 1	0.06 3	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2730.3 3	0.131 16	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2730.5 2	1.67 11	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2730.5 8	0.158 20	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2730.6 7	0.093 10	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
2730.7 3	0.09 3	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
2730.75 16	0.35 3	⁹³ Tc(2.75 h)	1363.02(66), 1520.37(24.4), 1477.13(8.7)
2730.9 3	0.037 9	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 2730.91 4	0.0199 5	⁵⁷ Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
2731.12 15	0.120 8	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
2731.3 4	†1.1 3	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2731.4 12	0.12 3	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2731.9 3	0.32 4	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2732.0 10	0.0011 4	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2732.1 7	0.24 7	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2732.2 16	0.05 3	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2732.36 20	0.44 4	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
2732.4 7	0.21 12	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2732.5 2	0.0033 10	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2732.5 10	0.14 5	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2732.5 5	0.128 13	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2733.0 9	†>0.09	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2733.1 7	0.192 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2733.30 20	0.096 14	⁸¹ As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
2733.7 5	0.26 6	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2733.7 5	0.058 19	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2733.9 4	†2.5 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2733.97 15	0.38 4	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2734.2	0.013 6	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2734.0 10	0.059 23	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 2734.0		¹²⁴ I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2734.086 13	0.109 6	⁸⁶ Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
• 2734.086 13	0.71 7	⁸⁸ Y(106.65 d)	1836.063(99.2), 898.042(93.7), 850.647(0.065)
2734.1 11	0.0063 12	¹³³ Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2734.2 8	0.028 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2734.3	3.9 5	²³ F(2.23 s)	1701.44(33.0), 2129.3(22), 1822.4(15.6)
2734.50 18	0.26 3	¹²² In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
2734.50 18	0.35 6	¹²² In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2734.6 3	0.040 10	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2734.7 8	0.0033 6	²⁷ Si(4.16 s)	2211.0(0.180), 2981.82(0.026), 1014.42(0.0172)
2734.7 3	0.054 11	⁸³ Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
2734.7 6	0.028 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2735.1 2	†0.55 9	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2735.2 4	0.0014 3	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2735.2 5	0.021 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2735.4 4	0.055 11	⁶⁹ As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2735.5 2	†1	¹³⁹ I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
• 2735.6 6	0.0246 22	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2735.83 19	1.48 13	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2735.9	0.55 6	¹⁴⁸ Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
2735.92 37	0.21 3	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2736.7 3	1.97 19	¹¹⁸ Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
2736.7 6	†0.18 3	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2736.7 3	0.118 22	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2736.7 5	0.017 5	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2737.2 13	0.064 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 2737.2 4	0.056 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2737.2 15	0.049 8	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2737.3 7	0.038 3	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2737.5 4	0.29 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2737.6 9	0.11 6	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2737.86 16	0.101 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2738.2	0.17 4	⁵¹ Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
2738.4 8	0.23 9	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2738.44 13	0.0114 7	¹²² I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2738.6 5	0.24 7	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2738.7 1	0.068 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2738.9 5	0.028 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2739.1	0.07	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2739.14 12	0.51 3	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2739.5	†2.8 3	⁹³ Tc(43.5 m)	2644.55(†42.7), 943.33(†8.7), 3129.0(†6.4)
2740.0 15	0.027	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2740	†0.8	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2740.2	0.22 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2740.1 3	3.5 3	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
2740.1 4	0.00024 4	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2740.26 20	0.0083 5	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2740.4 8	0.006 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2740.7 3	0.53 4	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
• 2740.83 29	0.00128 20	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2741.0 12	0.14 8	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2741.0 3	0.0074 25	⁹⁰ Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
2741.1	†0.6 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2741.5 5	0.82 6	¹⁶ N(7.13 s)	6128.63(67.0), 7115.15(4.9), 2822.2(0.13)
2741.50 6	1.49 8	¹²² In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2741.52 40	0.048	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2742.1 3	0.0139 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2742.1 5	0.32 7	⁹⁹ Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2742.3 8	0.028 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2742.6 1	†0.086 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2742.7 1	0.114 7	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2743 1	0.45 15	¹¹⁸ Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2743	0.052 5	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2743.1 4	6.5 5	⁹⁷ Y(3.75 s)	3287.6(18.1), 3401.3(14.1), 1996.6(7.4)
2743.83 10	0.151 14	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
2744.0 4	†2.3 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2744.2 8	0.019 3	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2744.5 5	†0.12 5	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2744.5 3	0.026 4	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2744.7 6	0.013 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2745.0 3	0.0092 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2745.19 12	0.58 4	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2745.36 20	0.95 10	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
2745.7 4	0.36 9	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2745.70 20	0.085 7	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
2746.1 3	1.06 9	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
2746.2 8	0.12 3	¹¹⁵ Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
2746.8 6	0.075 23	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 2746.9 1	0.460 18	¹²⁴ I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2747.0 5	0.15 5	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
2747	†0.5	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2747 1	0.0021 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2747.13 10	0.83 5	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2747.6 1	†0.045 14	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2747.8 3	0.0049 16	⁹⁰ Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
2747.9	0.0065 8	³⁵ Ar(1.775 s)	1219.42(1.35), 1763.10(0.312), 2693.5(0.1480)
2748.1 7	0.15 4	¹¹⁹ Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
2748.1 5	8.0×10 ⁻⁵ 8	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
• 2748.15 20	0.282 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2748.3 3	0.108 5	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2748.5 7	0.08 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2748.8 4	0.14 3	⁵³ Fe(8.51 m)	377.88(42), 1619.9(0.50), 2273.5(0.38)
2749.1 5	0.017 5	¹⁷³ Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2749.16	0.022 3	³⁴ Cl(32.00 m)	2127.492(42.8), 1176.626(14.09), 3304.039(12.29)
2749.7	0.32 5	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2749.8 16	0.56 9	⁴⁵ Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
2749.9 12	0.12 3	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2750 1	0.064 21	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2750.3 3	0.0069 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2750.3 6	0.049 11	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2750.35 11	0.50 3	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2750.6 4		¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2750.8 2	0.0028 5	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2750.9 3	0.125 14	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2750.97	1.38 5	³⁸ S(170.3 m)	1941.944(83), 1745.77(2.44), 1692.420(0.166)
2751.2 4	21.1 13	⁸⁶ Br(55.1 s)	1564.92(64), 1361.65(10.4), 1389.87(9.8)
2751.4 2	0.86 16	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2751.8 5	0.113 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2751.9 7	0.017 11	¹⁹⁹ Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2751.9 4		¹⁹⁹ Pb(12.2 m)	366.90(7), 382.8, 2612.9
2752.01 15	23.38 22	⁶⁶ Ga(9.49 h)	1039.30(37), 833.50(5.89), 2189.85(5.60)
2752.1 3	0.97 8	¹³⁰ La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
2752.59 19	0.74 6	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2752.6 9	0.052 15	¹³⁵ Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
2752.68 8	11.5 4	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2752.8 3	0.095 9	¹¹² Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2753.0 10	0.026 5	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2753.05 20	0.0026 5	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2753.2 4	0.082 23	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2753.2	0.021 7	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2753.3 4	4.3 4	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2753.3 3	0.7	²⁰⁷ Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
2753.4 8	†0.036 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2753.5 10	0.44 7	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2753.6 9	0.046 20	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2753.8 8	0.15 8	⁹⁷ Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
2753.8 10	>0.013	¹³⁷ Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2753.8 5	0.138 10	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2753.9 7	0.183 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2754.028	99.944 4	²⁴ Na(14.9590 h)	1368.633(100), 3866.19(0.052), 996.82(0.0014)
2754.028	41.2 9	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 5392.68(18.3)
2754.1 1	0.043 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2754.2 4	0.067 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2754.3 4	0.24 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2754.3	†3	⁹⁹ Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
2754.3 5	†0.2 1	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2754.4 4	0.77 9	⁶¹ Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
2754.5 5	0.27 9	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2754.7 4	†3.1 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2754.73 5	1.60 10	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
2754.77 26	0.56 6	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2754.8 3	3.2 4	⁸¹ Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
2754.8 3	3.4 4	⁸¹ Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
2755 1	12.5 17	¹³³ Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 836.88(11.1)
2755.2 9	0.015 3	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2755.3 3	0.013 4	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2755.62 25	0.214 22	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2756.5 10	0.043 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2756.6 5	0.066 14	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2757 3	0.074 22	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2757.2 3	0.059 6	¹¹⁴ Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
2757.2 3	0.75 12	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2757.2 6	0.050 13	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2757.3 3	0.34 4	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2757.6 2	†0.29 8	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2757.8 7	0.0013 6	¹³² I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2757.9 4	0.40 8	¹³⁰ La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2758.2	0.032 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2758.4 3	0.50 8	⁸⁴ Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
2758.50 20	0.95 11	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
2758.8 3	0.113 22	⁷⁸ As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
2758.8 14	0.24 20	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2758.8 5	0.095 16	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2758.90 32	0.00046 7	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2759.0 2	0.21 3	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2759.0 7	0.078 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2759.01 30	2.6 4	¹³⁰ In(0.55 s)	2258.79(88), 391.39(11.4), 96.54(4.2)
2759.01 30	1.16 18	¹³⁰ In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
2759.13 15	3.1 3	¹²² In(1.5 s)	1140.55(29), 1013.34(2.7), 2065.62(1.97)
2759.2 10	0.38 11	¹⁶⁴ Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2759.5 12	†0.8 5	¹⁷⁰ Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
• 2759.6 10	0.0138 20	²⁰⁶ Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
2759.8 7	0.8	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2759.9	0.198 13	⁴³ Ti(509 ms)	2288.2(4.40), 845.2(2.77), 2458.5(0.91)
2759.95 14	1.10 5	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2760.0 15	0.0027 11	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2760.0 6	0.113 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2760.02 10	0.078 4	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2760.3 7	0.046 16	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2760.3 5	0.17 4	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
2761.1 5	0.07	¹⁵⁴ Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2761.1 5	0.028 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2761.2 8	†0.31 15	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2761.4 4	†0.055 23	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2761.6 4	0.067 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 2762.0	0.012	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2762.42 62	0.050 14	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2762.45 25	0.59 5	⁷⁷ Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
2762.5 7	0.059 10	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2762.6 3	0.00088 13	¹³⁰ I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
2762.8 2	0.049 7	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2763.2 6	0.063 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2763.3 10	0.38 11	¹⁶⁴ Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2763.9 4	0.190 15	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2764.0	†15	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
2764.2	0.016 3	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2764.16 8	0.00138 14	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2764.45 10	0.84 5	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2764.8 4	0.135 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2764.8 1	0.072 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2765.1 4	0.016 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2765.2 1	†0.55 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2765.3 9	25	³² Mg(120 ms)	735.5(10.6), 2466.9(4.1)
2765.3 6	0.041 13	⁹³ Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2765.73 20	0.145 18	⁵⁰ Sc(102.5 s)	1553.768(100), 1121.124(99.5), 523.792(88.7)
2766.48 17	0.40 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2767.04 20	0.31	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2767.1 8	0.33 11	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2767.45 11	0.035 4	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2767.5 8	1.8 4	⁹⁷ Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
2768.2 4	0.35 9	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2768.25	1.0	¹²⁵ Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
2768.3 4	0.028 3	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2768.3 7	†0.8 5	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2768.6 4	0.39 5	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2768.8 3	0.34 5	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2769.1 3	0.046 5	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2769.32 12	0.297 22	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2769.4 5	0.21 5	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2769.5 4	0.074 22	²⁰⁵ Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2769.9 10	0.022 4	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
2769.91 13	0.00061 12	⁷⁸ Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
2770.0 10	†0.8 4	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2770.0 2	0.024 3	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2770.4 3	5.7 4	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2770.5 8	0.064 21	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2770.7 5	0.038 13	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2770.8 5	2.05 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2770.9 4	0.058 12	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
• 2771 1	0.014 7	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2771.02 5	0.149 7	⁸⁸ Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
2771.1 7	0.113 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2771.2 6	1.3 3	⁷⁸ Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
2771.2 5	0.73 13	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2771.6 3	0.110 18	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2771.8 1	0.132 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2771.85 16	0.33 3	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2772 3	0.102 18	⁷³ Zn(23.5 s)	218.1(6.00), 910.5(1.91), 495.6(1.48)
2772.6 14	0.036 13	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2772.70 35	0.093 13	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2772.9 3	0.205 22	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2773.2 4	0.122 21	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2773.8 5	0.013 4	¹⁴³ La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
2773.8 2	0.113 16	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2774.04 13	0.034 3	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2774.2 10	0.29 13	⁸⁰ As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
2774.5 2	1.26 7	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2774.5 7	†0.027 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2774.7 3	0.086 22	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2775.1 9	0.023 4	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2775.5 4	0.083 18	⁵⁸ Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
2775.55 21	0.23 3	¹²² In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
2775.55 21	0.25 6	¹²² In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2775.7 11	0.03 2	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 2775.7 3	0.0110 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2775.8 5	0.043 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2776.1 5	0.38 4	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
2777.0	0.13 2	²⁶ Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
2777.0 10	0.06 4	⁹⁷ Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
2777.00 20	2.40 17	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
2777.1 10	0.6	¹⁰¹ Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
2777.2 5	0.216 14	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2777.5 10	†0.10	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2777.56 18	0.00238 21	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2777.7 10	0.32 7	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2777.7 5	0.082 23	$^{103}\text{Cd}(7.3 \text{ m})$	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2777.8 5	0.034 4	$^{85}\text{Y}(4.86 \text{ h})$	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2777.8 3	7.7 8	$^{118}\text{Ag}(3.76 \text{ s})$	487.77(60), 677.13(11.9), 2788.7(11.8)
2777.9 5	0.06	$^{104}\text{Ag}(69.2 \text{ m})$	555.796(92.6), 767.72(65.7), 941.7(25.0)
2777.9 5	0.05	$^{104}\text{Ag}(33.5 \text{ m})$	555.796(91), 1238.0(3.87), 2276.7(2.46)
2778	$\dagger 0.7$	$^{120}\text{I}(81.0 \text{ m})$	560.44($\dagger 137$), 1523.0($\dagger 21.1$), 640.85($\dagger 17.1$)
2778.1 6	$\dagger 0.8 5$	$^{152}\text{Tb}(17.5 \text{ h})$	344.281($\dagger 1500$), 586.294($\dagger 223$), 271.135($\dagger 203$)
2778.6 10	0.8 2	$^{94}\text{Rh}(25.8 \text{ s})$	756.23(100), 1430.50(100), 311.70(97.3)
2778.6 10	1.1 3	$^{94}\text{Rh}(70.6 \text{ s})$	1430.50(100), 756.23(51), 1072.50(30.7)
2778.6 3	0.33	$^{154}\text{Pm}(1.73 \text{ m})$	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2779	0.00175 17	$^{21}\text{F}(4.158 \text{ s})$	350.72(99), 1396(17.0), 1745.5(0.855)
2779	>0.021	$^{60}\text{Cu}(23.7 \text{ m})$	1332.501(88), 1791.6(45.4), 826.06(21.7)
2779.0 20	0.034 19	$^{146}\text{Pr}(24.15 \text{ m})$	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2779.1 4	0.80 8	$^{76}\text{Ga}(32.6 \text{ s})$	562.93(66), 545.51(26.0), 1108.41(15.8)
2779.6 3	0.040 10	$^{202}\text{Bi}(1.72 \text{ h})$	960.67(99), 422.18(83.7), 657.49(60.6)
2779.8 18	0.028 5	$^{174}\text{Ta}(1.05 \text{ h})$	206.50(58), 91.00(16.0), 1205.92(4.9)
2779.9 1	0.041 5	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2780.3 4	0.0156 16	$^{63}\text{Zn}(38.47 \text{ m})$	669.62(8), 962.06(6.5), 1412.08(0.75)
2780.4 30	0.08 8	$^{70}\text{As}(52.6 \text{ m})$	1039.20(81), 1114.1(21.8), 668.3(21.8)
2780.5 3	0.33 5	$^{186}\text{Ir}(16.64 \text{ h})$	296.911(64.0), 137.155(42), 434.849(34.4)
2780.506 12	0.0130 19	$^{180}\text{Re}(2.44 \text{ m})$	902.795(90), 103.557(22.2), 825.357(9.9)
2780.60 10	0.129 3	$^{66}\text{Ga}(9.49 \text{ h})$	1039.30(37), 2752.01(23.38), 833.50(5.89)
2780.6 8	0.054 23	$^{192}\text{Au}(4.94 \text{ h})$	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2780.7 8	0.56 6	$^{176}\text{Tm}(1.9 \text{ m})$	189.57(44.5), 1069.3(34), 381.8(21.8)
2780.97 15	$\dagger 2.23 21$	$^{188}\text{Au}(8.84 \text{ m})$	265.63($\dagger 100$), 340.04($\dagger 23.9$), 605.5($\dagger 16.3$)
2781.1 7	0.07 4	$^{119}\text{Cd}(2.69 \text{ m})$	292.9(36.8), 343.0(16.9), 1609.7(10.9)
2781.30 10	3.16 13	$^{91}\text{Tc}(3.14 \text{ m})$	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2781.3 5	0.18 4	$^{124}\text{In}(3.17 \text{ s})$	1131.64(68), 3214.15(21.5), 997.79(21.1)
2781.3 5	1.00 20	$^{124}\text{In}(2.4 \text{ s})$	1131.64(100), 969.94(52), 1072.85(47)
2781.4 11	0.014 4	$^{112}\text{Sb}(51.4 \text{ s})$	1257.05(96), 990.70(14.3), 670.0(3.7)
2781.6 4	0.051 7	$^{93}\text{Sr}(7.423 \text{ m})$	590.238(67), 875.73(24.1), 888.13(21.8)
2781.8	1.06 16	$^{95}\text{Sr}(23.90 \text{ s})$	685.6(23), 2717.3(4.6), 2933.1(4.1)
2782.11 10	0.76 6	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
2782.2 3	0.335 16	$^{85}\text{Y}(4.86 \text{ h})$	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2782.2 10	0.33	$^{142}\text{La}(91.1 \text{ m})$	641.285(47), 2397.8(13.3), 2542.7(10.00)
2782.26 20	0.55 4	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
2782.70 40	1.01 8	$^{76}\text{Ga}(32.6 \text{ s})$	562.93(66), 545.51(26.0), 1108.41(15.8)
2782.7 4	0.16 4	$^{95}\text{Rb}(377.5 \text{ ms})$	352.02(49), 204.02(15.1), 680.7(14.8)
2782.8 4	0.44 4	$^{198}\text{Tl}(5.3 \text{ h})$	411.8044(82), 675.8874(11), 636.4(10.1)
2783.0 5	0.113 14	$^{107}\text{In}(32.4 \text{ m})$	204.97(47), 505.51(11.9), 320.92(10.2)
• 2783.00 20	1.00 4	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2783.2 5	0.08	$^{125}\text{Cd}(0.57 \text{ s})$	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
2783.3 4	0.33 5	$^{91}\text{Rb}(58.4 \text{ s})$	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2783.8 3	0.0066 4	$^{166}\text{Tm}(7.70 \text{ h})$	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2784.4 2	0.060 10	$^{202}\text{Bi}(1.72 \text{ h})$	960.67(99), 422.18(83.7), 657.49(60.6)
2784.5 4	0.24 4	$^{100}\text{Rh}(20.8 \text{ h})$	539.59(78.4), 2376.1(35.3), 1553.4(21)
2784.6 5	0.13 3	$^{142}\text{Cs}(1.70 \text{ s})$	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2784.6 5	0.0070 17	$^{173}\text{Ta}(3.14 \text{ h})$	172.2(18), 69.70(5.9), 90.3(5.0)
2785.0 20	0.022 16	$^{85}\text{Y}(4.86 \text{ h})$	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2785.1 3	0.0297 18	$^{72}\text{Ga}(14.10 \text{ h})$	834.01(96), 2201.69(25.9), 629.95(24.8)
• 2785.1 3	0.0143 16	$^{72}\text{As}(26.0 \text{ h})$	834.01(80), 629.95(7.92), 1463.95(1.107)
2785.4 3	1.75 12	$^{109}\text{Sn}(18.0 \text{ m})$	1099.4(30), 649.90(28.0), 1321.3(11.9)
2785.6 5	0.49 7	$^{99}\text{Nb}(2.6 \text{ m})$	97.785(7), 253.50(3.64), 2641.3(3.64)
2785.8 2	0.22 3	$^{89}\text{Br}(4.40 \text{ s})$	1097.82(6.00), 997.93(4.26), 953.53(4.26)

• $t_{1/2} > 1 \text{ d}$

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2785.97 11	0.63 5	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2786.3	0.32 11	¹⁶⁴ Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2786.1 3	0.0067 11	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2786.4 2	2.6 3	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2786.9 3	0.028 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2787.3 7	8.0×10^{-5} 4	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2787.3 4	$\dagger 0.6$ 1	¹²⁰ Cs(64 s)	322.4($\dagger 100$), 473.5($\dagger 30$), 553.4($\dagger 19.1$)
2787.34 20	0.087 9	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
2788.2 2	0.53 5	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2788.2 6	0.135 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2788.2 6	$\dagger 0.8$ 5	¹⁵² Tb(17.5 h)	344.281($\dagger 1500$), 586.294($\dagger 223$), 271.135($\dagger 203$)
2788.4 5	0.00102 7	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
2788.7 3	11.8 14	¹¹⁸ Ag(3.76 s)	487.77(60), 677.13(11.9), 3224.3(10.5)
2788.7 5	0.69 5	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2788.72 21	0.00031 5	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2788.90	16.1 9	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
2788.9 10	0.07 5	⁹⁷ Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
2789.1 22	0.28 18	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2789.2 6	0.052 18	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2789.2 2	$\dagger > 0.027$	¹⁶⁰ Ho(5.02 h)	728.18($\dagger 100$), 879.383($\dagger 65.9$), 962.317($\dagger 59.1$)
2789.2 15	$\dagger 1.2$ 3	¹⁷⁰ Ho(43 s)	812.3($\dagger 100.0$), 1894.5($\dagger 45.2$), 78.6($\dagger 40$)
2789.30 20	7.9 6	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
2789.5 2	0.069 8	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2789.59 7	0.370 19	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2789.6 4	0.49 5	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2789.98 20	0.08	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2790.0 10	0.011 6	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
2790.2 19	0.046 6	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2790.2 5	0.19 3	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2790.7	$\dagger 1.23$ 15	¹⁵² Tb(17.5 h)	344.281($\dagger 1500$), 586.294($\dagger 223$), 271.135($\dagger 203$)
2790.75 61	0.063 16	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2790.8 1	0.48 5	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2790.89 14	0.269 22	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2791.5 13	0.0088 24	¹¹³ Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
2791.8 3	2.43 14	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
2792.02 12	0.68 6	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2792.1 10	0.15 10	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
2792.18 25	0.0099 10	⁹¹ Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
2792.3 3	0.803 23	⁶¹ Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
2792.3 2	0.106 10	¹¹⁴ Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
2792.4 3	0.0049 12	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2792.50 40	0.031 9	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2792.69 8	5.6 3	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
• 2793.1 7	0.0116 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2793.1 4	0.40 7	¹⁸⁶ Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
2793.3 10	0.00065 11	⁴⁷ V(32.6 m)	1793.9(0.19), 159.369(0.107), 244.4(0.094)
2793.3 4	0.096 19	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2793.4 10	1.25 8	⁶⁸ As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
2793.6 1	0.56 8	⁷⁷ Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
2793.6 3	$\dagger 5.3$ 6	⁸³ Ge(1.85 s)	306.51($\dagger 100.0$), 1193.77($\dagger 20.5$), 1525.50($\dagger 13.6$)
2793.7 2	0.251 19	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2793.75 20	0.68 4	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2793.9 3	0.196 17	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2794.1 7	0.014 5	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2794.2 2	0.83 9	¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2794.27 22	0.016 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2794.6 10	†0.23 5	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2794.9 4	0.206 16	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
2795.0 5	0.11 1	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2795.0 5	0.10 4	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2795.4 5	0.043 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2795.7 5	†2.6 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2795.7 7	0.0011 4	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2795.8 6	0.070 23	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2796.0	1.8 3	³⁷ K(1.226 s)	3601.8(0.019)
2796 1	0.11 4	⁶³ Fe(6.1 s)	994.8(14.0), 1427.2(4.6), 1299.0(1.23)
2796.0 15	0.087 22	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2796.5	0.026 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2796.56 16	0.362 24	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2796.6 5	1.2	⁴⁵ Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
2796.6 6	0.09 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2796.7 4	1.30 16	¹³⁰ La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
2796.8 4	0.00043 11	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2796.8 12	0.15 4	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2796.9 3	0.061 6	¹⁴³ La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
2797.0 10	0.028 9	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2797.1	0.044 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2797.14 20	0.06	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2797.4 2	0.037 6	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2797.6 2	0.21 3	⁷⁸ As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
2797.7 4	0.88 13	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2797.8 4	0.34 6	¹⁸⁶ Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
2798.1 10	0.067 8	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2798.2 10	0.0008 3	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2798.4 7	0.052 9	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2798.5 5	0.0200 22	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2798.6 3	4.2 5	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
• 2798.6 2	0.030 3	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 2799.0 3	0.030	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2799.3 7	0.198 22	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2799.5 10	†0.31 15	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2799.56 96	0.039 16	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2799.8 2	0.042 17	¹⁵² Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2799.9 4	0.15 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2800.0 5	0.10 3	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2800.0 15	0.29 8	⁹⁷ Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
2800.0 10	0.47 13	⁹⁷ Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
2800	†0.5	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2800.1 1	0.053 6	¹¹⁴ Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
2800.2 2	4.3 5	⁸¹ Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
2800.6 4	0.045	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2800.7 2	0.039 10	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2800.8 7	0.19 5	⁹⁷ Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
2800.8 10	0.76 5	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2800.8 6	0.092 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2800.9 9	0.08	¹⁵⁴ Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2800.9 9	0.20	¹⁵⁴ Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
2801.0 3	0.35 7	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2801.0 10	>0.013	$^{137}\text{Nd}(38.5 \text{ m})$	75.5(17.0), 580.6(13), 306.60(10.0)
2801.30	0.0494 16	$^{25}\text{Na}(59.1 \text{ s})$	974.72(14.95), 585.03(13.00), 389.70(12.68)
2801.3 7	0.0008 3	$^{166}\text{Tm}(7.70 \text{ h})$	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2801.6 3	0.0023 6	$^{65}\text{Ga}(15.2 \text{ m})$	115.09(54), 61.20(11.4), 153.0(8.9)
2801.8 3	5.7 6	$^{125}\text{Cd}(0.57 \text{ s})$	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
2802.2	0.17 10	$^{89}\text{Nb}(1.9 \text{ h})$	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2802.31 19	0.016 8	$^{204}\text{Bi}(11.22 \text{ h})$	899.15(98), 374.72(82), 984.02(59)
2802.4 6	0.358 11	$^{45}\text{K}(17.3 \text{ m})$	174.276(74.4), 1705.6(53), 2353.6(14.12)
2802.5 2	0.38 4	$^{79}\text{Ga}(2.847 \text{ s})$	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2802.8 12	0.24 8	$^{130}\text{La}(8.7 \text{ m})$	357.4(81.0), 550.7(25.9), 908.0(17.0)
2803.51 32	0.00029 4	$^{134}\text{La}(6.45 \text{ m})$	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2803.7 3	0.64 6	$^{64}\text{Ga}(2.630 \text{ m})$	991.52(43), 807.86(13.65), 3365.86(13.1)
2803.8 7	0.11 4	$^{121}\text{In}(3.88 \text{ m})$	60.34(20), 1041.1(1.12), 1100.7(0.92)
2803.9 4	0.022 4	$^{141}\text{Pm}(20.90 \text{ m})$	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2804.0 6	2.3	$^{136}\text{Te}(17.5 \text{ s})$	2077.9(22), 333.99(19), 578.75(18)
2804.1 8	0.040 16	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 2804.20 3	0.098 3	$^{57}\text{Ni}(35.60 \text{ h})$	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
2804.2 5	0.048 20	$^{150}\text{Pm}(2.68 \text{ h})$	333.971(68), 1324.51(17.5), 1165.739(15.8)
2804.5 5	0.09 5	$^{149}\text{Er}(8.9 \text{ s})$	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2804.6	†1.6	$^{144}\text{Gd}(4.5 \text{ m})$	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
2804.9 2	0.062 9	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2805.0 5	0.8 3	$^{102}\text{Ag}(12.9 \text{ m})$	556.52(91), 719.40(58), 1744.99(17.3)
2805.0 5	0.8 3	$^{102}\text{Ag}(7.7 \text{ m})$	556.52(48), 1834.7(9.8), 2054.4(6.6)
• 2805.0 6	0.0291 13	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2805.7 6	†1.4 4	$^{83}\text{Ge}(1.85 \text{ s})$	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
2805.7 5	0.39 4	$^{127}\text{Sn}(2.10 \text{ h})$	1114.3(39), 1095.6(20), 823.1(10.9)
2805.7 3	0.066 6	$^{143}\text{La}(14.2 \text{ m})$	620.3(2.34), 643.75(1.55), 621.4(1.52)
2805.8 5	0.058 13	$^{186}\text{Ir}(16.64 \text{ h})$	296.911(64.0), 137.155(42), 434.849(34.4)
2805.9 10	0.034 11	$^{94}\text{Y}(18.7 \text{ m})$	918.74(56), 1138.88(6.0), 550.88(4.9)
2806.3	0.0042 20	$^{158}\text{Eu}(45.9 \text{ m})$	944.09(25), 977.131(13.6), 79.5104(11)
2806.4 4	0.090 17	$^{138}\text{I}(6.49 \text{ s})$	588.825(56), 875.23(9.2), 2262.19(3.86)
2806.50 20	0.078 21	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
2806.57 17	0.100 8	$^{138}\text{Cs}(33.41 \text{ m})$	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
2806.6 6	0.0041 8	$^{63}\text{Zn}(38.47 \text{ m})$	669.62(8), 962.06(6.5), 1412.08(0.75)
2807.76 15	0.19	$^{137}\text{I}(24.5 \text{ s})$	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2808.0 3	0.058 14	$^{150}\text{Tb}(3.48 \text{ h})$	638.05(72), 496.3(14.8), 792.5(4.39)
2808.30 10	0.548 20	$^{110}\text{In}(69.1 \text{ m})$	657.7622(98), 2129.53(2.13), 2211.49(1.76)
2808.5 10	0.00064 23	$^{166}\text{Tm}(7.70 \text{ h})$	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2808.6 5	0.063 19	$^{121}\text{Xe}(40.1 \text{ m})$	252.7(13), 132.8(10.9), 445.2(7.7)
2808.6 17	0.078 23	$^{174}\text{Ta}(1.05 \text{ h})$	206.50(58), 91.00(16.0), 1205.92(4.9)
2808.9 5	†1.4 3	$^{152}\text{Tb}(17.5 \text{ h})$	344.281(†1500), 586.294(†223), 271.135(†203)
2809.00 30	0.00069 4	$^{106}\text{Rh}(29.80 \text{ s})$	511.842(20), 621.94(9.93), 1050.39(1.56)
2809.1	†>0.018	$^{160}\text{Ho}(5.02 \text{ h})$	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2809.9 7	0.016 4	$^{83}\text{Se}(70.1 \text{ s})$	1030.86(21.2), 356.687(18), 987.96(16.1)
2809.9 12	0.12 7	$^{91}\text{Kr}(8.57 \text{ s})$	108.788(43.5), 506.592(19.1), 612.87(7.7)
2809.9 2	0.034 6	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2809.92 12	0.441 24	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
2810	>0.11	$^{209}\text{Rn}(28.5 \text{ m})$	408.32(50.3), 745.78(22.8), 337.45(14.5)
2810.1 3	1.38 24	$^{130}\text{La}(8.7 \text{ m})$	357.4(81.0), 550.7(25.9), 908.0(17.0)
2810.1 3	0.183 21	$^{136}\text{Pr}(13.1 \text{ m})$	552.16(76), 539.75(52), 1092.3(18.5)
2810.2 3	0.036 14	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
2810.3 6	0.024 4	$^{85}\text{Y}(4.86 \text{ h})$	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2810.3 6	>0.014	$^{141}\text{Ba}(18.27 \text{ m})$	190.328(46.0), 304.194(25.4), 276.948(23.4)
2810.6 3	1.52 25	$^{95}\text{Rb}(377.5 \text{ ms})$	352.02(49), 204.02(15.1), 680.7(14.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2811	2.8 12	¹¹ Li(8.5 ms)	3367.4(35), 219.4(1.6), 5955.4(0.39)
2811.17 32	0.19 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2811.2 15	†1.23 14	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2811.2 15	4.1 6	¹²⁰ I(53 m)	560.44(100), 601.11(87), 614.62(67)
2811.2 7	0.014 5	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2811.3 6	0.16 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2811.3 7	0.021 5	⁹³ Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2811.3 10		¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2811.3 10	0.053 17	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2811.4 2	0.322 15	⁸⁷ Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
2811.7 6	0.27 3	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2811.7 10	0.00077 23	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2812.1 3	1.71 9	⁷⁵ Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2812.6 5	0.108 24	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2812.7	0.035 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2813 2	†>0.027	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2813.1 14	0.0046 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2813.2 3	0.20 3	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2813.2 4	0.39 6	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2813.5 5	0.107 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2813.7	>0.9	²³ F(2.23 s)	1701.44(33.0), 2129.3(22), 1822.4(15.6)
• 2813.7 6	0.0202 22	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2814.4 7	0.22 10	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2814.6 3	0.119 9	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2814.8 4	0.00035 13	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2815.03 15	0.224 22	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2815.2 6	0.038 13	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2815.3 2	0.22 3	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2815.5 15	†0.31 15	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2815.6 4	0.41 5	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2816 2	0.2 1	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2816.0 10	0.70 11	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
2816.1 8	0.041 8	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2816.5 20	0.20 5	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2816.6 4	3.7 4	⁷⁶ Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
2816.7 11	0.0046 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2816.8 3	0.14 3	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2817.0 8	†0.045 9	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2817.0 4	0.046 7	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2817.58 20	0.065 8	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
2817.9 10	0.042 16	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2817.9 15	0.070 19	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2818.1 5	0.012 6	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2818.1 6	0.038 13	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2818.5 3	0.85 3	⁵⁸ Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
2818.5 11	0.76 5	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2818.6 6	0.057 9	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2819.2	>0.40	²³ F(2.23 s)	1701.44(33.0), 2129.3(22), 1822.4(15.6)
2819.56 21	0.213 24	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2819.58 25	0.133 16	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2819.76 16	0.85 3	⁵⁸ Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
2819.8 3	0.0042 13	⁹² Y(3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
2819.8 2	0.021 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2820 50	3.9	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2820.4 3	0.094 9	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2820.6 2	6.2 5	⁹² Rb(4.492 s)	814.98(33), 569.8(5.6), 1712.3(4.3)
2820.6 8	0.026 10	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2820.7 15	0.040 12	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2820.8 9	0.26 10	⁹⁹ Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2820.97 7	1.8 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2821.0	0.84 8	⁹⁵ Rh(1.96 m)	787.7(8.2), 3407.1(2.11), 3824.4(1.35)
2821.0 10	0.52 15	⁹⁷ Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
2821.1 7	0.26 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2821.10 30	0.00120 4	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2821.3 10	†0.6 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2821.4 12	0.00045 6	⁶⁸ Ga(67.629 m)	1077.35(3.0), 1883.09(0.130), 1260.97(0.0900)
2821.4	0.18	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2821.8 4	0.030 5	⁹³ Tc(2.75 h)	1363.02(66), 1520.37(24.4), 1477.13(8.7)
2821.82 20	0.32 3	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2822.2 12	0.13 4	¹⁶ N(7.13 s)	6128.63(67.0), 7115.15(4.9), 2741.5(0.82)
2822.2 3	0.043 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2822.6 4	0.137 17	⁷⁷ Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
2822.9 3	1.0 1	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
2823.0 4	0.00029 11	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2823	0.028 5	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2823.3 2	0.079 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2823.6 4	0.054 11	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2824.08 25	0.00034 7	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2824.1 4	1.12 17	⁸⁴ Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
2824.3 10	0.027	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2824.9 4	0.66 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2825	†13	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2825 1	0.40 10	¹¹⁸ Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2825.1 10		⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2825.1 2	1.94 10	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2825.1 4	0.19 6	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2825.1 3	0.102 8	¹⁴³ La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
2825.30 14	0.156 19	¹³³ Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2825.3 8	0.061 15	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2825.6 5	0.118 16	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2826.0 6	0.58 4	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2826 4	0.06 3	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2826.3 10	0.68 10	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
2826.3 4	0.14 3	¹³³ Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
2826.62 24	0.195 19	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2827.0 3	0.0028 6	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2827.2 8	0.050 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2827.4	2.20	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2827.7 8	0.058 16	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
2827.7 4	†0.22 4	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2827.9	†2.9	¹⁴⁴ Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
2828.05 28	0.00034 7	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2828.09 15	0.47 4	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2828.1 7	1.3	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2828.2 1	0.087 6	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2828.22 68	0.052 15	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2828.5 3	0.100 13	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
2828.54 20	0.169 17	⁹³ Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2828.6 3	4.9 3	¹²⁶ In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
2828.79 20	0.20 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2828.8 11	0.28	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2829	†0.41	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2829.1 22	2.0 4	⁵³ Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
2829.2 6	0.0148 20	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2829.37 19	0.43 4	¹¹² Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2829.52 26	0.73 6	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2829.7 5	0.14 3	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2829.8 17	0.032 13	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2829.824	>0.0016	³⁹ Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
2829.84 30	0.077	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2830.2 3	0.21 3	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2830.3 3	0.226 14	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2830.6 5	0.13 3	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2830.8 5	0.020 3	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2831.0 10	>0.013	¹³⁷ Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2831.0 20	0.024 8	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2832.0 15	†0.5 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2832.0 2	4.3	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2832.40 20	0.28 3	⁸¹ As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
2832.8 2	0.30 3	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2832.8 4	0.062 11	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 2833.2 6	0.0087 16	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2833.3 13	0.015 7	³² Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
2833.5 10	0.027	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2833.9 6	†1.0 4	¹³¹ Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2834.0 5	†1.7 5	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
2834.1 7	2.5	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2834.3 15	0.36 18	¹¹⁰ Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
2834.43 13	1.85 11	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2834.56 14	0.79 8	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2834.7	0.026 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2834.8 10	1.5 5	⁸² As(19.1 s)	654.6(15), 1731.3(4.1), 755.2(1.81)
2835.1 5	0.10 3	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2835.5 3	0.014 3	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2835.5 8	0.024 5	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2835.65 19	1.24 5	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2835.9 9	†0.083 17	²⁷ Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
2836.0 2	0.73 5	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2836.0 2	0.20 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2836.2 10	0.25 8	⁸⁰ As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
2836.21 11	0.047 5	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2836.36 7	1.4 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2836.88 16	0.032 3	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2837 3	0.11 4	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
• 2837.0 20	0.0048	¹²⁴ I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2837.0 10	†0.8 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2837.32 10	0.21 3	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2838 4	0.037 19	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2838.07 8	0.0052 4	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2838.3 3	0.37 5	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2838.4	0.026 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2838.5 3	0.181 22	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2838.67 5	2.35 5	$^{28}\text{P}(270.3 \text{ ms})$	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
2838.67 5	0.16 6	$^{29}\text{S}(187 \text{ ms})$	1778.969(11.6)
2838.7 1	0.34 2	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2839.0 3	0.05 3	$^{78}\text{As}(90.7 \text{ m})$	613.725(54), 694.916(16.7), 1308.59(13.0)
2839.2 15	0.020 6	$^{154}\text{Tb}(9.4 \text{ h})$	123.071(30), 247.925(22.1), 540.18(20)
2839.5 4	0.57 12	$^{192}\text{Au}(4.94 \text{ h})$	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2839.6 8	0.07 3	$^{142}\text{Cs}(1.70 \text{ s})$	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2839.8	30.4 24	$^{40}\text{Cl}(1.35 \text{ m})$	1460.830(79), 2621.5(15.4), 3101.3(11.0)
2840.0 15	0.13 5	$^{97}\text{Rb}(169.9 \text{ ms})$	167.1(26), 585.2(21.0), 600.5(10.6)
2840 4	0.019 10	$^{134}\text{I}(52.6 \text{ m})$	847.025(95.4), 884.090(64.9), 1072.547(15.0)
2840.2 5	0.31 12	$^{96}\text{Rh}(1.51 \text{ m})$	832.57(39), 1098.51(8.9), 1692.2(7.0)
2840.59 33	0.110 18	$^{141}\text{Xe}(1.73 \text{ s})$	909.23(24.0), 118.705(16.1), 105.937(9.8)
2840.7 14	0.046 13	$^{174}\text{Ta}(1.05 \text{ h})$	206.50(58), 91.00(16.0), 1205.92(4.9)
2841 1	0.27 9	$^{67}\text{Ni}(21 \text{ s})$	1937.1(0.64), 1115.3(0.49), 821.6(0.47)
2841.0 4	†0.5 2	$^{138}\text{Pm}(3.24 \text{ m})$	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2841.3 5	0.036 14	$^{150}\text{Tb}(3.48 \text{ h})$	638.05(72), 496.3(14.8), 792.5(4.39)
2841.5 6	0.2480 23	$^{61}\text{Zn}(89.1 \text{ s})$	475.0(16.85), 1660.5(7.80), 970.0(2.57)
2841.9 5	1.7	$^{101}\text{Cd}(1.2 \text{ m})$	98.0(47), 1722.5(11), 1259.3(8)
2842.1 6	0.011 3	$^{143}\text{Eu}(2.63 \text{ m})$	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2842.2 3	0.037 5	$^{45}\text{K}(17.3 \text{ m})$	174.276(74.4), 1705.6(53), 2353.6(14.12)
2842.6 5	0.062 17	$^{138}\text{I}(6.49 \text{ s})$	588.825(56), 875.23(9.2), 2262.19(3.86)
2842.6 4	0.08	$^{154}\text{Pm}(1.73 \text{ m})$	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2842.8 4	†0.12 4	$^{158}\text{Ho}(11.3 \text{ m})$	218.21(†100.0), 98.91(†70), 945.7(†37)
2842.9 2	0.060 5	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2843.0 9	†0.009 5	$^{160}\text{Ho}(5.02 \text{ h})$	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2843.50 9	1.60 7	$^{76}\text{Ga}(32.6 \text{ s})$	562.93(66), 545.51(26.0), 1108.41(15.8)
2843.5 4	1.1	$^{116}\text{Sb}(15.8 \text{ m})$	1293.54(85), 931.800(24.7), 2225.33(14.2)
2843.5 10	0.199 21	$^{190}\text{Au}(42.8 \text{ m})$	295.78(71.0), 301.82(23.4), 597.67(9.4)
2843.8 7	0.0049 11	$^{85}\text{Y}(4.86 \text{ h})$	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2843.8 9	0.07 5	$^{97}\text{Rh}(30.7 \text{ m})$	421.55(75), 840.13(12.0), 878.80(9.0)
2843.99 11	0.43 3	$^{72}\text{Ga}(14.10 \text{ h})$	834.01(96), 2201.69(25.9), 629.95(24.8)
• 2843.99 11	0.058 8	$^{72}\text{As}(26.0 \text{ h})$	834.01(80), 629.95(7.92), 1463.95(1.107)
2844 3	0.15 4	$^{76}\text{Br}(16.2 \text{ h})$	559.101(74), 657.041(15.9), 1853.67(14.7)
2844 2	0.017 4	$^{158}\text{Eu}(45.9 \text{ m})$	944.09(25), 977.131(13.6), 79.5104(11)
2844.1 3	0.100 10	$^{136}\text{Pr}(13.1 \text{ m})$	552.16(76), 539.75(52), 1092.3(18.5)
2844.3 6	0.061 9	$^{198}\text{Tl}(5.3 \text{ h})$	411.8044(82), 675.8874(11), 636.4(10.1)
2844.5 20	†0.5 3	$^{152}\text{Tb}(17.5 \text{ h})$	344.281(†1500), 586.294(†223), 271.135(†203)
2845	>0.0016	$^{90}\text{Nb}(14.60 \text{ h})$	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
2845.0 3	0.33 5	$^{91}\text{Kr}(8.57 \text{ s})$	108.788(43.5), 506.592(19.1), 612.87(7.7)
• 2845.0 3	0.0010 3	$^{146}\text{Eu}(4.59 \text{ d})$	747.2(98), 633.03(43), 634.07(37)
2845.1 3	0.0065 16	$^{176}\text{Ta}(8.09 \text{ h})$	1159.28(25), 88.34(12), 1224.93(6)
• 2845.30 20	0.323 9	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2845.6 3	0.18 4	$^{150}\text{Tb}(3.48 \text{ h})$	638.05(72), 496.3(14.8), 792.5(4.39)
2845.67	2.1 10	$^{40}\text{Sc}(182.3 \text{ ms})$	3736.50(100), 754.73(41), 2044.65(25.4)
2845.7 6	†0.30 6	$^{120}\text{Cs}(64 \text{ s})$	322.4(†100), 473.5(†30), 553.4(†19.1)
2845.8 3	0.35 5	$^{81}\text{Ga}(1.221 \text{ s})$	216.47(37.4), 828.26(22.1), 711.18(17.6)
2845.8 2	2.1 3	$^{81}\text{Ge}(7.6 \text{ s})$	93.10(26), 335.98(12.8), 197.30(12.3)
2845.9 8	0.047 4	$^{142}\text{Pm}(40.5 \text{ s})$	1575.85(2.0), 641.4(0.384), 2384.3(0.067)
2846.0 5	0.7 3	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
2846.2 2	4.2 3	$^{100}\text{Y}(735 \text{ ms})$	212.531(73), 118.59(15.4), 665.98(7.7)
2846.21 25	0.129 9	$^{141}\text{Cs}(24.94 \text{ s})$	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2846.3 3	0.37 4	$^{94}\text{Y}(18.7 \text{ m})$	918.74(56), 1138.88(6.0), 550.88(4.9)
2846.4 5	0.97 12	$^{127}\text{Sn}(2.10 \text{ h})$	1114.3(39), 1095.6(20), 823.1(10.9)
2847.2	0.029 17	$^{44}\text{K}(22.13 \text{ m})$	1157.031(58), 2150.76(22.7), 2518.95(9.69)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2847.3 15	0.15 4	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2847.39 22	0.65 7	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2847.5 6	0.025 19	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2847.63 8	0.115 7	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2847.7 7	†0.0006 5	⁵² Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1530.67(†0.0478)
2848.2 2	0.83 4	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2849.2 7	0.033 13	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
2849.2	0.016 6	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2849.3 4	0.084 5	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
• 2849.5 3	0.206 18	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2849.8 1	0.184 9	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2849.9 6	0.038 13	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2850.3 6	0.40 7	⁹² Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
2850.5 4	†0.15 7	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2850.8 3	0.69 11	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
• 2851.0 3	0.00108 20	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2851.05 12	0.00111 8	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2851.18 50	0.039	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2851.2 11	0.28 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2851.2 9	0.085 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2851.4 5	†0.14 3	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2851.5 5	3.05 20	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2851.6 3	0.49 8	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2852 4	<0.210	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 11258.9(0.171)
2852.2 3	0.06 3	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2852.3 30	0.04 4	⁷⁰ As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2852.4 23	†2	⁸⁷ Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
2852.5 5	0.32 5	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2852.6 5	0.19 4	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2852.8 6	0.28 11	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2853.1 5	0.22 3	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2853.2 4	0.0013 4	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2853.2 2	0.048 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2853.3 3	0.24 3	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2853.35 15	0.089 8	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2854.0 4	†0.126 21	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
2854.0 8	0.14 4	¹⁰¹ Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
2854.1 8	0.29 8	¹⁰⁵ In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2854.1 9	0.005 4	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2854.2 4	0.090 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2854.2	0.026 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2854.3 3	0.033 5	¹⁴³ La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
2854.4 8	0.0104 24	¹¹³ Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
2854.5 7	0.07 3	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2854.7 7	0.015 5	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2854.70 30	0.053 9	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2855.2 3	0.062 9	⁵⁸ Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
2855.3 3	0.40 5	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2855.37 11	0.016 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2855.4 3	0.32 6	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
• 2855.4 3	0.318 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2855.53 28	0.33 5	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2855.8 8	0.007 3	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2855.95 11	2.17 12	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2856.0 2	0.079 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2856.1 5	0.012 5	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2857.0 3	0.43 6	⁶¹ Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
2857.0 6	0.0097 16	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2857.6 8	0.0033 8	⁶³ Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2857.9 5	7.0 6	⁸³ As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
2858	†1.1	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2858.1 10	0.0007 3	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 2858.2 3	0.0020 5	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2858.5 5	†0.39 10	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2858.6 2	1.02 9	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2858.9 15	0.054 8	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2859.1	0.8	⁸¹ Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
2859.47 8	0.0056 4	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2859.6 2	0.135 9	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
• 2859.9 6	0.019 4	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2860.3 21	0.3 3	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
• 2860.4 4	0.0012 4	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2860.6 9	†0.055 14	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2860.8 10	†2.0 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2860.9 2	0.027 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2860.9 8	0.00033 17	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2861.3 6	0.21 7	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2861.34 15	1.11 7	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2861.4 3	0.0069 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2861.4 10	0.0008 3	¹⁶⁶ Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2861.5 4	†1.04 17	⁹³ Tc(43.5 m)	2644.55(†42.7), 943.33(†8.7), 3129.0(†6.4)
2861.5 2	0.076 13	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2861.5 8	0.036 8	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2861.80 30	0.053 9	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2862 3	0.009 4	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
2862.1 5	1.47 9	¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2862.9 4	0.065 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2863.3 3	1.18 18	¹²⁵ Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
2863.4 13	0.0039 12	¹³³ Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 2863.6 3	0.129 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2863.7 4	0.098 25	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
• 2863.8 6	0.011 6	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2863.88 20	0.11	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2864.1 2	1.18 11	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2864.3 20	†0.68 14	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2864.3 20	2.3 7	¹²⁰ I(53 m)	560.44(100), 601.11(87), 614.62(67)
2864.3 7	0.102 25	¹²¹ In(3.88 m)	60.34(20), 1041.1(1.12), 1100.7(0.92)
2864.6 5	0.008 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2865.0 10	1.4×10^{-5} 8	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2865.0 15	0.05	²⁰⁵ At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2865.2 12	1.04 9	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2865.3 4	0.0024 5	¹⁴¹ Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2865.4 3	4.3 5	²⁹ Mg(1.30 s)	2223.9(38), 1397.9(17.3), 960.3(15.8)
2865.6 10	0.103 10	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
2865.7 5	0.127 19	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2865.73 21	0.187 16	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2865.9 3	0.38 7	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
2865.9 9	†0.027 9	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2866.23 10	1.75 10	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2866.4 7	0.10 5	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2866.44 24	0.00024 4	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2866.5 5	0.11 3	⁶⁹ Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
2866.5 2	†2	¹³⁹ I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
2866.5 5	0.058 19	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2866.8 7	0.284 21	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2867.4 2	0.084 8	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2867.59	0.440 8	³³ Cl(2.511 s)	840.989(0.524), 1967.12(0.458), 1472.410(0.0255)
2868 1	1.73 20	¹⁷⁶ Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
2868.1 2	0.35 5	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2868.5 4	0.42 6	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2868.6 2	0.040 10	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2868.8 8	0.026 5	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2868.9 2	3.9 3	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
2869.0 10	0.099 22	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2869.14 21	0.042 6	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
2869.20 15	0.24 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2869.23 18	0.44 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2869.3 2	1.33 7	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2869.50	0.0003 1	²⁴ Na(14.9590 h)	1368.633(100), 2754.028(99.944), 3866.19(0.052)
2869.50	1.097 28	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
2869.50	0.1 1	²⁴ Al(131.3 ms)	1368.633(5.3), 9965.6(1.6), 8597.5(0.6)
2869.6 15	0.042 13	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2869.7 6	0.092 13	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2869.9	0.25	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2869.9 3	0.021 7	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
2870.0 7	†1.5 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2870.1 9	0.064 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2870.54 21	0.85 7	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2871.2 3	0.081 15	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2871.6 10	0.0046 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
• 2871.7	0.0004 4	¹²⁴ Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
2871.8 7	†0.54 10	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2871.9 5	0.6	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2871.9 9	2.01 20	¹⁷⁶ Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
2872.0 5	3.8 7	⁵² Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
2872.4 6	0.118 6	⁵⁵ Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
2872.4 3	0.22 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2872.5 6	0.19 6	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
• 2872.5 4	0.075 4	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2872.6 9	0.064 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2872.65 25	0.123 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2873 2	0.004 2	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2873.1 10	0.064 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2873.2 4	0.14 3	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2873.3 4	†3.6 5	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
2873.5 13	0.037 20	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2873.6 2	0.576 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2873.7 3	†0.21 4	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2873.8 4	0.096 18	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2874.0 9	0.29 4	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
2874.4 13	0.046 10	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2875.0	†8 4	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2875.0 5	0.81 16	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2875.21 10	1.70 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2875.3 6	0.104 24	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2875.5 3	0.84 5	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2875.6 5	0.0092 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2875.6 9	†0.018 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2875.7 5	0.24	¹⁰¹ Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
2875.7	0.31	¹⁴⁷ Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
2876.1 2	0.0024 4	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2876.6 4	0.40 6	⁷⁵ Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2876.6 3	0.11 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2876.7 5	0.00021 8	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2877.0 7	0.027 7	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2877.3 7	0.187 22	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2878.0		¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2878.03 83	0.062 19	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2878.4 9	0.015 6	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2878.69 25	0.33 3	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2878.7 8	0.027 14	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 2878.76 10	0.0064 5	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2878.9 3	0.062 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2879.2 15	0.076 14	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2879.7 2	0.45 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2880.1 4	†2.1 4	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
2880.4 4	0.010 4	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2880.48 22	0.38 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2881.0 6	0.07 3	⁹² Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
2881.0 3	1.60 10	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2881.0 10	0.045 11	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2881.1 5	0.27 4	¹²⁷ Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2881.4 10	0.021 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 2881.40 20	0.73 3	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2881.4 6	0.78 16	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2881.6 3	0.35 6	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2881.8 6	0.076 5	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2881.9 12	0.31 6	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2882.1 5	†3.1 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2882.3 4	1.08 9	⁶² Co(13.91 m)	1172.9(97), 1163.4(67.3), 2003.48(18.4)
2882.3 9	†4.5 15	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2882.5 3	0.37 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2882.5 4	0.031 6	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2882.75 12	0.301 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2882.9 9	0.14 5	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2883 2	0.020 15	⁸⁷ Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
2883.3 8	0.027 14	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2884 2	0.0045 22	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2884.1 2	0.109 9	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2884.34	0.006	²⁰³ Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2884.4 3	†0.13 4	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2885.0 20	0.27 10	⁴⁵ Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
2885.0 15	0.06	¹¹⁷ Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
2885.1 10	0.028 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 2885.1 3	0.291 11	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2885.55 22	0.11	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2886.3 3	0.33 4	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2886.6 4	0.084 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2887.1 8	0.092 21	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2887.2 11	0.9 3	³² Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
2887.3 8	0.030 3	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2887.4 7	0.187 22	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2887.80 20	1.37 5	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2887.9 6	0.045 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2888.0 10	0.09 5	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2888 3	0.074 25	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2888.1 6	0.14 4	¹⁰¹ Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
2888.12 35	0.045 11	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2888.3 3	2.55 23	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2888.3 8	0.050 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2889.0 9	†0.018 9	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2889.0 9	0.024 9	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2889.4 8	0.0025 8	⁶³ Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2889.5 10	†0.9 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2889.6 7	0.020 8	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
2889.6 6	0.194 24	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2889.6 21	0.017 5	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2889.7 7	†13 4	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
2889.8 4	0.10 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2889.8 3	0.014 3	¹⁸⁰ Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2890.3 4	0.008 3	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2890.4 3	0.41 4	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2890.8 7	0.112 15	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2891.0	0.90 14	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2891.2 17	0.0010 4	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2892.0 4	0.031 10	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2892.36 8	2.14 6	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2892.6 6	†0.06 4	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2893.0 20	0.0051 22	⁹⁹ Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2893 1	8.0×10 ⁻⁵ 5	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2893.0 15	0.0110 10	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2893 1	†2.0 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2893.1 1	0.0057 4	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2893.1 5	0.21 3	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2893.3 3	0.52 9	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2893.4 6	0.051 15	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2893.5 3	0.40 5	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2893.6	0.6	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2893.6 3	0.0067 17	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2893.8 12	0.058 16	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2894	0.85 6	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
2894.0 3	1.88 19	¹¹⁸ Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
2894.20 15	1.03 8	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2894.2 8	0.049 7	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2894.8 5	†37 4	⁸⁸ Se(1.52 s)	159.2(†100), 259.2(†82), 1903.7(†64)
2894.92 14	0.00041 4	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2895.0 5	0.029 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2895.1 3	1.07 19	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2895.21	14.4 6	¹¹ Be(13.81 s)	4443.93(100), 2124.473(100), 7282.92(87.0)
2895.5 9	†0.041 9	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2896.2 12	0.30 6	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2896.5	0.99 7	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
2896.9 2	0.083 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2897.1 8	0.0048 10	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
2897.1 5	0.0097 16	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2897.3 5	0.35 9	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2897.6 5	0.21 4	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
• 2897.6 5	0.045 3	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 2897.9 8	0.024 5	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2898.1 2	†2	¹³⁹ I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
2898.23 16	0.012 4	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2898.53 30	2.4 3	¹³⁰ In(0.32 s)	1905.17(74), 129.80(61), 1221.24(60)
2898.7 6	0.101 22	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
2898.9 6	0.061 16	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2899.3 6	0.28 6	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2899.5 10	0.00034 10	⁷⁸ Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
2899.5 6	0.16 3	⁹² Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
2899.54 40	0.062	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 2899.61 16	0.0668 19	¹⁴⁰ La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
2899.61 16	0.0002 1	¹⁴⁰ Pr(3.39 m)	1596.210(0.50), 306.9(0.151), 751.637(0.032)
2900.0 15	0.52 13	⁹⁷ Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
2900.0 10	2.2 4	⁹⁷ Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
2900.0 17	0.023 5	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2900.3 13	0.11 7	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2900.4 6	1.0 6	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2900.5 1	0.27 10	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2900.9 10	0.021 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2901.0 5	0.086 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2901.3 5	0.52 3	⁵⁸ Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
2901.4 18	0.0010 4	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2901.5 5	0.049 10	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2901.7 4	0.19 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2902		¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2902.1 3	0.066 12	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
2902.3 2	0.029 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2902.4 5	0.087 7	⁹³ Tc(2.75 h)	1363.02(66), 1520.37(24.4), 1477.13(8.7)
2902.5	>0.07	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
2902.5 8	6.5×10 ⁻⁵ 20	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2902.7 4	1.1 4	¹²³ Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
2903 1	0.032 12	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2903.3 4	0.69 14	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
2903.6 3	0.22 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2903.6 4	0.32 5	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2903.8 4	0.078 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2903.9 3	0.027 9	¹¹⁸ In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
2904 2	0.0028 8	¹⁴³ Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
2904.4 11	0.07 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2904.5 3	1.67 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2904.7 3	1.35 23	⁸¹ Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
2904.7 3	0.78 12	¹⁸⁶ Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
• 2904.90	0.054 3	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2905.3 9	0.214 25	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2905.7 4	0.022 3	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2905.8	0.017 6	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2906.0 2	0.223 13	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2906.1	0.012 6	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2906.30 30	0.056 5	¹¹⁵ Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2906.4 7	†1.4 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 2906.99 13	0.0172 20	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2907.2 7	0.035 8	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2907.46 15	0.40 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2908.1 18	0.0006 4	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2908.2 3	0.057 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2908.3 10	0.038 17	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2908.4 8	0.045 17	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
2908.7 3	†0.23 6	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2908.7 20	0.020 9	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2908.8 5	†1.8 4	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
2909 2	0.025 13	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2909.5 4	0.73 17	¹²³ Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
2909.5 5	0.114 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2909.57 23	†0.21 4	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
2909.80 40	0.069	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2910.3 2	0.115 13	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2910.5 3	0.55 9	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2911.7 11	0.12 7	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2911.7 4	0.067 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2912.0 10	1.4	⁵¹ Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
2912.0 4	0.330 24	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2912.3 6	0.021 3	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2912.5 5	0.10 3	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2912.8 5	0.058 23	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2913 2	>0.17	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
2913.2 6	0.73 20	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
2913.2 8	0.50 20	¹³² Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
2913.4 4	0.050 22	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2913.5 3	0.207 24	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2913.5 3	0.28 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2914	0.10 3	⁵¹ Fe(305 ms)	237.4(5.0), 1825(0.49), 2140(0.24)
2914.5 10	†0.6 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2914.6 2	0.74 6	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2914.6 7	0.088 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2914.7 6	3.9 3	¹⁷⁶ Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
2915.1 15	0.22 9	¹¹⁰ Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
2915.5 3	0.04 4	¹⁰⁰ Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
2915.6 8	0.044 4	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2916 2	†>0.018	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2916.30 20	3.2 3	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
2916.37 80	0.029	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2916.4 3	0.16 3	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2916.4 4	0.22 6	²⁰³ Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
2917.1 11	0.06 4	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2917.4 7	0.03 1	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2917.90 30	0.00092 4	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2918.1 2	0.0049 4	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2918.2 3	3.86 18	¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2918.3 3	0.123 22	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2918.6 2	0.052 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2918.8 5	0.18 4	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2919 2	0.44 4	⁵¹ Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
2919.25 18	0.0158 9	¹²² I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2919.4 10	0.043 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2919.8 7	0.015 6	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2919.84 15	0.24 4	¹⁸⁶ Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
2919.85 10	9.1 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2919.9 4	0.27 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2919.9 7	0.8	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2920.0 5	0.070 13	⁶¹ Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
2920		¹⁵⁸ Ho(21.3 m)	406.14(†100), 838.9(†84.3), 1484.1(†66.2)
2920.36 7	0.665 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2920.41 20	2.2	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2920.7	0.009 5	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2921.2 10	0.163 21	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2921.4 15	0.0039 20	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2921.5 10	†0.6 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2921.9 2	0.0178 16	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2922	0.07	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2922.1 3	0.017 3	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2922.3 7	0.174 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2922.5 4	†0.14 4	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2922.6	0.17 6	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
2922.6 4	0.10 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2922.63 30	0.092	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 2923.3 3	0.179 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2923.5 3	0.47 4	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2923.6 8	0.40 19	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2923.7 5	0.19 3	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2924.3 7	0.050 17	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
2924.3 10	†2.3 9	¹⁶⁰ Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
2925.1 4	0.21 4	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2925.6 3	0.033 7	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2925.72 18	1.52 10	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2925.8 6	0.177 20	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2926.2 4	2.7 3	⁸⁶ Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
2926.3 20	0.017 9	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2926.42 30	0.16 3	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2926.6 5	0.063 19	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2926.69 20	†0.27 4	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
2926.7 5	0.09 3	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2927.2 4	†0.6 1	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2927.7 8	†1.2 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2927.7 17	0.028 6	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2927.77 13	0.118 6	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2927.9 5	0.13 5	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2928.6 7	0.12 5	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2928.7 8	0.0012 6	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2929.0 10	0.75 20	⁹⁷ Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
2929.0 10	0.15 7	¹³⁹ Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
• 2929.50 20	0.58 3	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2929.6 5	0.059 7	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
2929.6 4	†0.14 4	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2930.5	0.38	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2930.6 6	0.72 17	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2930.8 5	0.20 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2931.4 4	0.020 4	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
2931.6 4	0.74 10	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2931.64 15	0.14 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2931.8 3	0.094 23	⁶¹ Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
2931.8 12	0.074 16	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2931.9 7	0.28 4	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2932	>0.11	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2932.1 3	2.70 22	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2932.1	†20 8	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
2932.2 10	0.002	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2932.3 4	0.084 10	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2932.4 10	0.20 4	⁶⁹ Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
2932.9 5		¹¹⁸ I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
2932.9 15	†1.32 18	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2932.9 15	4.3 6	¹²⁰ I(53 m)	560.44(100), 601.11(87), 614.62(67)
2933.1	4.1 5	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2247.6(3.8)
2934.1 6	0.022 6	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2934.1 6	0.213 21	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2934.13 13	1.58 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2934.2 4	0.77 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2934.30 15	0.222 3	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
2934.3 5	0.013 6	¹⁰⁰ Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
2934.6 11	0.31 18	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2934.68	1.8 3	³⁵ K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
2934.7 2	†0.36 4	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2934.8	0.046 17	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2934.9 8	0.00055 23	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2935.1 3	0.097 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2935.7 6	0.19 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2936.0 4	0.050 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2936		¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2936.2 8	0.0049 11	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2936.2 5	0.056 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2936.5 5	0.063 19	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2936.8 5	0.0056 19	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2937.0 10	0.030 11	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2937.79 11	0.0029 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2938	>0.0010	²¹ F(4.158 s)	350.72(99), 1396(17.0), 1745.5(0.855)
2938.20	0.59 7	²⁶ Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
• 2938.20	0.27 3	²⁶ Al(7.4×10 ⁵ y)	1808.63(99.73), 1129.65(2.4)
2938.4 3	0.62 8	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2938.4 5	0.080 5	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2938.51	0.47 3	³⁵ P(47.3 s)	1572.334(99.53)
2938.6 5	0.12 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2938.7 4	0.66 18	¹²⁵ Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
2938.9 5	0.057 10	⁵⁵ Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
2938.9 21	0.011 4	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2938.92 15	0.00282 21	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2939	†0.5	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2939.3 9	0.12 5	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2939.5 5	†0.09 4	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
• 2939.65 20	0.157 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2940.0 3	0.0028 5	$^{82}\text{Rb}(1.273 \text{ m})$	776.517(13), 1395.139(0.471), 698.374(0.133)
2940.0 4	0.014 4	$^{96}\text{Y}(5.34 \text{ s})$	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
2940.0 5	0.19	$^{101}\text{Cd}(1.2 \text{ m})$	98.0(47), 1722.5(11), 1259.3(8)
2940.0 10	>0.00020	$^{214}\text{Bi}(19.9 \text{ m})$	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2940.07 12	0.0105 10	$^{72}\text{Ga}(14.10 \text{ h})$	834.01(96), 2201.69(25.9), 629.95(24.8)
• 2940.07 12	0.297 18	$^{72}\text{As}(26.0 \text{ h})$	834.01(80), 629.95(7.92), 1463.95(1.107)
2940.1 3	0.50 6	$^{96}\text{Rb}(0.199 \text{ s})$	815.0(78.00), 692.0(8.0), 813.2(7.0)
2940.3 10	0.08 4	$^{80}\text{As}(15.2 \text{ s})$	666.14(42), 1644.8(7.5), 1207.12(4.3)
2940.5	$\dagger 2.2 3$	$^{152}\text{Tb}(17.5 \text{ h})$	344.281($\dagger 1500$), 586.294($\dagger 223$), 271.135($\dagger 203$)
2940.5 10	0.057 21	$^{154}\text{Tb}(21.5 \text{ h})$	123.071(26), 1274.436(10.5), 2187.10(9.9)
2940.7 3	0.0184 22	$^{176}\text{Ta}(8.09 \text{ h})$	1159.28(25), 88.34(12), 1224.93(6)
2941.0 10	0.002	$^{150}\text{Pm}(2.68 \text{ h})$	333.971(68), 1324.51(17.5), 1165.739(15.8)
2941.1 18	>0.0006	$^{65}\text{Ga}(15.2 \text{ m})$	115.09(54), 61.20(11.4), 153.0(8.9)
2941.3 2	16.7 9	$^{98}\text{Y}(0.548 \text{ s})$	1223.0(36.0), 1590.9(14.7), 4450.2(8.9)
2941.3 3	1.45 17	$^{127}\text{Cd}(0.43 \text{ s})$	1235.07(8.3), 376.28(7.5), 523.60(5.15)
2941.40 7	1.166 19	$^{78}\text{Rb}(17.66 \text{ m})$	454.97(63), 692.86(12.56), 562.15(11.41)
2941.4 5	0.11 4	$^{121}\text{Xe}(40.1 \text{ m})$	252.7(13), 132.8(10.9), 445.2(7.7)
2941.8 3	0.078 17	$^{139}\text{Xe}(39.68 \text{ s})$	218.59(56), 296.53(21.7), 174.97(11.3)
2941.9 7	0.76 16	$^{190}\text{Au}(42.8 \text{ m})$	295.78(71.0), 301.82(23.4), 597.67(9.4)
2942.0 3	0.131 20	$^{209}\text{Rn}(28.5 \text{ m})$	408.32(50.3), 745.78(22.8), 337.45(14.5)
2942.1 7	0.050 25	$^{105}\text{In}(5.07 \text{ m})$	131.37(41), 260.21(15.7), 604.11(9.2)
2942.2 10	0.027 10	$^{154}\text{Tb}(9.4 \text{ h})$	123.071(30), 247.925(22.1), 540.18(20)
2942.4 9	0.026 6	$^{72}\text{Ga}(14.10 \text{ h})$	834.01(96), 2201.69(25.9), 629.95(24.8)
2942.5 7	0.052 10	$^{136}\text{Pr}(13.1 \text{ m})$	552.16(76), 539.75(52), 1092.3(18.5)
2942.5 10	0.028 14	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
2942.56 15	0.139 10	$^{114}\text{Ag}(4.6 \text{ s})$	558.454(20.40), 576.08(1.77), 1301.234(1.31)
2942.6	0.027 7	$^{149}\text{Tb}(4.118 \text{ h})$	352.24(29.43), 164.98(26.4), 388.57(18.37)
2942.9 3	0.111 15	$^{109}\text{Sn}(18.0 \text{ m})$	1099.4(30), 649.90(28.0), 1321.3(11.9)
2943.0 3	0.077 10	$^{87}\text{Br}(55.60 \text{ s})$	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2943.12 30	0.05	$^{137}\text{I}(24.5 \text{ s})$	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2943.8 5	0.039 10	$^{114}\text{Sb}(3.49 \text{ m})$	1299.90(99), 887.60(17.4), 327.18(7.0)
2943.9 5	0.0057 14	$^{141}\text{Pm}(20.90 \text{ m})$	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2944.00 20	0.0067 13	$^{82}\text{Rb}(1.273 \text{ m})$	776.517(13), 1395.139(0.471), 698.374(0.133)
2944.0 10	0.158 19	$^{83}\text{Y}(7.08 \text{ m})$	35.50(0.44), 882.1(6.30), 489.90(5.53)
2944.0 3	0.90 24	$^{108}\text{Tc}(5.17 \text{ s})$	242.25(82), 465.6(14.3), 707.81(11.4)
2944.6 4	0.18 3	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
2944.8 5	0.026 5	$^{83}\text{Se}(70.1 \text{ s})$	1030.86(21.2), 356.687(18), 987.96(16.1)
2945.0 3	0.060 10	$^{202}\text{Bi}(1.72 \text{ h})$	960.67(99), 422.18(83.7), 657.49(60.6)
2945.1 4	0.52 7	$^{99}\text{Ag}(124 \text{ s})$	264.41(65), 832.29(13.5), 805.07(12.5)
2945.40	0.021	$^{203}\text{Bi}(11.76 \text{ h})$	820.3(30), 825.2(14.6), 896.9(13)
2945.5 4	>0.27	$^{74}\text{Br}(46 \text{ m})$	634.78(91), 728.37(35.6), 634.26(16.4)
2945.52 12	2.14 6	$^{88}\text{Br}(16.5 \text{ s})$	775.28(63), 802.14(13.13), 1440.69(4.72)
2945.8 10	0.27 10	$^{148}\text{Ho}(9.59 \text{ s})$	1687.5(82.47), 660.8(58.94), 504.3(18.62)
2945.90 20	3.4 3	$^{106}\text{Tc}(35.6 \text{ s})$	270.07(56), 2239.30(13.6), 1969.40(8.9)
• 2946.0 5	0.009 5	$^{146}\text{Eu}(4.59 \text{ d})$	747.2(98), 633.03(43), 634.07(37)
• 2946.10		$^{146}\text{Eu}(4.59 \text{ d})$	747.2(98), 633.03(43), 634.07(37)
2946.36 14	0.10 3	$^{54}\text{V}(49.8 \text{ s})$	834.848(97.1), 989.01(80.1), 2259.35(45.6)
2946.6 4	0.050 17	$^{53}\text{Fe}(8.51 \text{ m})$	377.88(42), 1619.9(0.50), 2273.5(0.38)
2946.8 4	0.043 3	$^{69}\text{As}(15.2 \text{ m})$	232.69(11), 145.95(4.96), 86.78(3.44)
2946.9 4	0.078 14	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
2946.9 2	0.045 5	$^{143}\text{La}(14.2 \text{ m})$	620.3(2.34), 643.75(1.55), 621.4(1.52)
2947.1 3	0.098 10	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2947.2 6	0.18 6	$^{97}\text{Rh}(30.7 \text{ m})$	421.55(75), 840.13(12.0), 878.80(9.0)
2947.2 20	0.064 9	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
• 2947.80 20	0.58 3	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2947.9 4	0.017 6	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2948.0 5	0.008 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2948.25 55	0.099 18	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2948.32 19	0.60 4	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2948.40 10	0.76 4	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2948.5		⁹⁹ Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
2948.8 5	0.039 19	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2949.49 20	0.145 10	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2949.5 5	0.47 3	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2949.5 5	0.114 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2949.8 10	4.0 6	³¹ Mg(230 ms)	1613.0(36), 946.8(31.5), 1626.1(24.8)
2950.0 5	0.0038 10	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 2950.0 5	0.0048 8	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2950		¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2950.3 10	0.342 17	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
2950.53 6	7.4 4	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2950.8 40	0.64 19	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2950.8 6	0.050 19	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2950.8 8	0.087 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2951.8 3	1.79 17	¹¹⁹ Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2952.2 4	0.16 6	²⁰³ Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
2952.4 2	0.037 4	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2952.7 4	0.058 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2952.82 50	0.043	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 2953.1 5	0.034 7	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2953.1 17	0.022 8	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2953.2 4	0.16 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2953.2 6	0.088 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2953.36 13	0.081 3	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
2954.0	†8 4	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
2954.8 10	0.008 3	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2954.93 24	0.45 5	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2955.0 2	0.47 6	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2955.0 12	0.006 3	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2955.1 3	1.18 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2955.4 2	0.041 9	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2955.6 5	0.016 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2956.3 2	0.72 4	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
• 2956.6 4	0.085 3	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2956.68 16	0.60 4	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2956.7 9	0.9 3	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2957.6 5	0.86 19	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2957.76 16	0.33 6	¹²² In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2958.1 6	0.16 4	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 2958.1 4	0.0448 22	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2958.3 7	0.7	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2958.6 6	0.13 4	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2959.0	>0.026	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2959.0 7	0.015 5	¹⁹⁵ Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2959.3	0.0139 14	⁴¹ Sc(596.3 ms)	2574.8(0.023)
2959.49 9	0.94 7	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
2959.77 6	0.306 10	⁵⁶ Mn(2.5785 h)	846.771(98.9), 1810.772(27.2), 2113.123(14.3)
2959.8 9	1.1 4	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2960.0 2	0.42 6	⁷⁷ Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
2960.0 4	0.20	¹¹⁶ Sb(15.8 m)	1293.54(85), 931.800(24.7), 2225.33(14.2)
2960.1 3	1.70 17	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2960.34 30	0.092	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2960.8 5	0.16 3	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2961.2 8	0.069 20	⁸⁷ Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
2961.2 8	†0.62 15	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2961.3	0.82 4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2961.4	>0.026	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2961.7 10	0.017 4	¹¹² Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2962.0 5	0.21 5	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2962.4 3	0.62 15	¹³⁹ Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
2962.50 60	0.027 5	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2962.9 6	†0.9 3	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2963.3 19	0.0006 4	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2963.7 5	0.00019 8	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2964.29 25	3.5 9	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
2964.4 3	0.157 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2964.5 5	0.19 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2964.8 20	0.030 15	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2964.9 30	0.08 8	⁷⁰ As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2965 1	0.0005 2	⁵² V(3.75 m)	1434.068(100), 1333.649(0.588), 1530.67(0.116)
2965 1	†0.0004 3	⁵² Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1530.67(†0.0478)
2965.0	0.18	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2965.2 14	0.023 8	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2965.5 3	0.19 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
• 2965.6 2	0.354 7	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2966.0 10	0.9 2	⁹⁴ Rh(25.8 s)	756.23(100), 1430.50(100), 311.70(97.3)
2966.0 4	0.130 17	¹²² In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
2966.0 10	†0.5 2	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2966 1	†0.31 15	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2966.3 7	0.00054 4	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
2966.3 3	0.72 5	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2966.6 7	0.13 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2966.6 10	0.011 6	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
2966.8	0.019 6	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2966.9 2	0.119 20	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2967 3	0.004 2	¹⁵⁸ Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2967.0 5	0.12 3	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2967.05 10	0.06 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2967.6 15	0.036 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2968.1 4	0.111 17	¹³³ Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
• 2968.41 18	0.00285 20	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2968.5 12	0.50 7	⁶⁵ Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
2968.5 5	0.022 5	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2968.9 4	0.13	¹⁵⁴ Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2969.2 2	0.583 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2969.2 20	0.015 9	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 2969.7 5	0.027 3	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2970.3 5	0.078 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2970.5 4	0.034 15	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2970.8 8	0.09 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2970.90 15	0.40 5	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2970.9 6	0.026 13	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2970.92 10	1.08 4	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2971.0 12	3.13 14	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2971.0 15	†0.20 11	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2971.5	0.9	¹⁴⁷ Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
2971.6 3	0.0113 16	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2971.9 4	0.021 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2972.2 5	2.5 5	⁵² Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
2972.22 20	0.44 4	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2973 1	0.017 12	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2973 2	0.017 10	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
• 2973.3 4	0.00079 20	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2974 1	0.70 20	¹¹⁸ Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2974.0 5	0.036 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2974.3 8	†0.018 5	¹⁶⁰ Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2974.6 10	1.12 17	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
2975.21 10	0.136 9	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
2975.5 3	0.237 17	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2975.6 3	1.4 3	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2975.7 4	0.0157 22	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2975.7 4	0.84 9	¹²² In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
2975.8 3	0.22 3	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2975.9 8	0.032 5	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2976.05 11	0.016 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2976.2 3	0.10	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2976.2 5	0.036 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2976.7 6	0.11	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
2976.8 3	0.129 10	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2976.9 5	0.021 3	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2977.0 5	0.076 25	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2977.5 4	0.0241 22	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
2977.7 4		¹³¹ Sn(56.0 s)	3267.5, 2470.5, 2039.25
2977.7 4	†1.2 3	¹³¹ Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2977.8 3	0.28 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2978.7 8	0.28 4	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2978.7 3	0.0184 16	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2978.8 2	0.0150 20	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2978.99 24	0.0149 17	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2979.1 3	0.31 3	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
2979.88 17	0.076 16	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2980 1	†0.9 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2980.1 6	0.038 13	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2980.1 3	0.028 7	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2980.3	0.45	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2980.5 9	0.0019 9	⁹⁶ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2980.6 4	0.0157 22	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2980.6 3	0.22 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2980.7 6	0.067 14	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
2980.8 5	0.31 7	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2980.9 6	1.14 21	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2981 2	0.034 13	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2981.0 8	0.044 14	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2981.0 10	0.019 6	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2981.2 4	0.20 4	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
2981.3 3	0.055 6	^{72}Ga (14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 2981.3 3	0.0127 24	^{72}As (26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2981.5 30	0.09 3	^{76}Br (16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
• 2981.5 5	0.031 3	^{170}Lu (2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2981.6 9	0.079 10	^{136}Pr (13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2981.82 6	0.026 3	^{27}Si (4.16 s)	2211.0(0.180), 1014.42(0.0172), 1720.3(0.0122)
2981.85	0.0378 20	^{23}Ne (37.24 s)	439.986(33), 1635.96(0.99), 2075.91(0.102)
2981.85 19	1.30 8	^{91}Kr (8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2982.0 20	0.010 4	^{99}Pd (21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2982.3 3	0.107 18	^{104}Tc (18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2982.37 16	5.19 9	^{78}Rb (17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2982.46	0.128 17	^{44}K (22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2982.6 4	0.24 4	^{95}Rb (377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2982.64 18	0.0083 7	^{122}I (3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2982.67	50.8 20	^{35}K (190 ms)	2589.80(26.4), 1750.6(14.2), 1184.0(7.3)
2983.1 3	0.50 6	^{88}Br (16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
• 2983.1 4	0.076 5	^{170}Lu (2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2983.2 6	0.37 6	^{148}Pr (2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
2983.3 3	0.0069 23	^{79}Rb (22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2983.5 4	0.044 14	^{93}Sr (7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2983.5 10	†0.5 3	^{152}Tb (17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2983.54 30	0.073	^{137}I (24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2984.0 6	0.063 25	^{121}Xe (40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2984.4 5	0.36 7	^{150}Tb (3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2985 2	0.018 9	^{192}Au (4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2985.4 3	0.04	^{207}Hg (2.9 m)	351.059(77), 997.1(69), 1637.1(30)
2985.7 5	0.099 19	^{107}In (32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2985.72 21	0.19 3	^{93}Sr (7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
• 2985.9 4	0.054 4	^{170}Lu (2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2986.3 5	0.123 18	^{60}Cu (23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
2986.4 2	0.53 6	^{81}Ga (1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2986.8 8	0.029 5	^{198}Tl (5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2987.0 10	0.009 3	^{69}As (15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2987	†0.8	^{120}I (81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2987.1 2	1.10 8	^{90}Br (1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2987.8	7.7 14	^{22}F (4.23 s)	1274.53(100), 2082.5(85.1), 2165.9(67.8)
2988.1 2	0.0020 4	^{126}Cs (1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2988.1 4	0.023 3	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2988.6 7	0.09 3	^{142}Cs (1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2988.7 7	0.17 4	^{84}Br (31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
2988.7 10	>0.00020	^{214}Bi (19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 2988.8 15	0.008 4	^{124}I (4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2989 3	0.126 18	^{73}Zn (23.5 s)	218.1(6.00), 910.5(1.91), 495.6(1.48)
2989.20 20	0.61 6	^{106}Tc (35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
2989.4 4	0.073 17	^{139}Xe (39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2990.1 30	0.32 13	^{74}Br (25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2990.3 5	0.47 3	^{154}Tb (21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2990.38 12	0.73 4	^{78}Rb (17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2990.38 12	0.065 24	^{78}Rb (5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2990.6 5	0.20 5	^{91}Rb (58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2990.8 4	0.0157 22	^{85}Y (4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2991.6 11	0.09	^{142}La (91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2992.3 3	0.37 19	^{149}Er (8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2992.9 3	0.026 6	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)

• $t_{1/2} > 1 \text{ d}$

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
2993.2 4	0.033 3	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
2993.4 5	0.058 22	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 2993.61 24	0.00197 20	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2994.1 6	0.038 13	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2994.5 15	†0.6 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2994.8 5	0.070 13	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2994.9 4	†0.80 16	¹⁸⁸ Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2995.2 6	0.55 7	³⁰ Al(3.60 s)	2235.24(65), 1263.23(40), 3498.37(32)
2995.2 3	0.26 4	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2995.4 3	0.0050 8	¹⁷⁶ Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2995.6 7	0.0069 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2995.7 6	0.019 5	⁹³ Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2996.0 13	0.0019 6	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2996.0 3	0.217 13	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2996.6 6	0.038 13	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2996.7 3	0.217 13	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2996.7 3	0.37 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2997.2 5	0.101 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2997.21 7	2.3 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2997.32 9	0.099 7	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2997.34 9	0.96 7	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2997.4 10	0.09 4	⁹² Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
2997.5 4	0.172 17	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2997.6 5	0.008 4	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
2997.6 6	0.67 19	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2998.0 15	†0.6 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2998.2 3	0.256 14	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2998.2 2	0.134 13	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2998.4 6	0.044 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2998.4 10	0.017 8	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
2998.5 3	0.63 14	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2998.6 7	0.044 9	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2998.7 4	0.028 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2998.8 20	0.066 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2998.9 15	0.21 5	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2999.1 8	0.3 2	¹³⁰ Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
2999.3 5	†3.2 4	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
2999.7 18	0.015 6	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2999.9 12	0.24	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3000.0 6	3.0 6	²⁹ S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
• 3000.0 30	0.005	¹²⁴ I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
3000 4	0.056 19	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
3000.0 3	0.010 3	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
3000.1 9	0.07 4	⁹⁷ Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
3000.5 5	0.34 14	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3001.1 4	0.19 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3001.5 2	0.055 6	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3001.60 13	0.45 4	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3001.7 5	0.14 3	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
3001.9 8	0.26 9	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3002	>0.021	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
3002.1 4	†0.042 21	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
• 3002.2 2		¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
3002.60	0.0977 19	³⁵ Ar(1.775 s)	1219.42(1.35), 1763.10(0.312), 2693.5(0.1480)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3002.6 12	0.24	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3002.8 10	†7.5 15	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
3003.6 4	0.98 18	¹³⁰ In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
3003.6 6	0.078 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3003.9 3	0.12 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3004.0 9		²⁷ Si(4.16 s)	2211.0(0.180), 2981.82(0.026), 1014.42(0.0172)
3004.0 20	0.28 4	⁹⁶ Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
3004.3 13	0.0019 6	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
3005 4	1.3	⁵⁰ K(472 ms)	1027(9.1), 4030(2.6), 4880(1.5)
3005.0 10	0.047 19	¹⁰⁷ In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
3005.0 3	0.28 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3005.1 10	0.11 8	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3005.6	0.9	¹⁴⁷ Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
3005.9 10	0.00045 8	⁷⁸ Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
3006.8 12	0.09	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3006.86 22	0.116 11	⁹³ Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
3006.9 6	0.0069 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
3007.0 3	0.36 5	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3007.0 6	†0.9 1	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
3007.3 5	0.128 19	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
3007.4 15	0.19 5	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 3007.5 3	0.137 7	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3007.5 6	0.055 6	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
3007.6 5	0.27 5	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3007.7 5	3.0 5	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
3007.7 10	0.7 1	⁹⁴ Rh(25.8 s)	756.23(100), 1430.50(100), 311.70(97.3)
3007.7 10	1.0 2	⁹⁴ Rh(70.6 s)	1430.50(100), 756.23(51), 1072.50(30.7)
3008 2	2.18 20	⁷² Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
3008.3 5	0.08	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
3008.9 5	0.047 9	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
3009.1 8	0.087 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3009.2 2	0.250 20	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3009.50 4	0.244 9	⁸⁸ Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
• 3009.596 7	1.049 10	⁵⁶ Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
3009.6 4	0.341 21	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3009.7 2	0.051 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3009.9 4	0.043 22	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3010.3 8	0.031 10	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
3010.5 3	23.4 23	⁹⁶ Rb(96 ms)	144.224(73), 289.4(68), 3030.5(17.7)
3010.6 3	0.088 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3010.8 13	0.14	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3011.1 5	0.036 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3011.8 6	0.14 5	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3011.9 3	0.201 17	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3011.91 14	0.024 8	²⁰⁴ Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
3012.2 20	0.035 12	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
3012.4 13	0.43	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3013.3 5	1.1 3	¹⁰⁸ Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
3013.4 3	0.126 15	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
3013.47 3	0.0041 10	¹⁵ C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
3014.0 22	0.018 6	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
3014.2	0.18	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
3014.7 5	0.31 10	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3014.7 3	1.23 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3014.8 13	0.0006 4	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
• 3015.1 3	0.246 11	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3016.0 10	†0.6 2	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
3016.0 15	†0.31 15	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3016	0.018	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
3016.2 4	0.204 20	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3016.6 8	0.096 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3017.0 7	0.18 6	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3017.0 10	0.196 17	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
3017 4	0.056 19	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
3017.19 20	0.0043 21	⁸⁸ Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
3017.39 15	0.27 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3017.9 3	0.26 3	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3018.1 5	0.0140 22	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
3018.5 6	0.036 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 3018.5 6	0.0143 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3018.8 4	0.064 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3019.1 5	†0.10 4	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
3019.23 11	0.010 5	³⁰ S(1.178 s)	677.28(78.4), 2342.01(2.27), 709.01(0.29)
3019.3 11	0.187 23	⁶¹ Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
3019.38 10	1.07 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3020 3	2.2 1	⁴⁶ K(105 s)	1346.0(100), 1228.7(6.4), 1675(3.5)
3021.5 3	0.0092 23	⁷⁹ Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
3021.6 10	0.08 6	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
3021.8 7	0.19 3	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
3022 2	0.035 12	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
3022.1 10	0.020 4	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
3022.3 4	0.24 6	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
3022.7 20	0.027 7	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
3023 1	†0.5 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3023.0 4	0.78 7	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3023.20 16	0.58 4	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3023.2 2	0.249 14	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3023.31 40	0.043	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3023.4 6	0.54 6	⁹² Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
3023.5 5	†0.063 21	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
3024	>0.026	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
3024.3 10	0.23 3	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
3024.37 30	0.19 4	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
3024.5 5	0.036 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3024.7 8	0.08 4	⁸⁰ As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
3024.7 2	0.62 4	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
3024.9 5	0.050 19	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
3025.0 5	0.43 14	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3025.4	0.11 3	²⁶ Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
3025.7 20	>0.0012	⁶⁵ Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
3025.8 4	0.016 3	⁹³ Tc(2.75 h)	1363.02(66), 1520.37(24.4), 1477.13(8.7)
3025.8 5	0.11 3	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3026.4 3	0.22 3	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3026.5 3	0.174 24	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3026.77 7	1.30 9	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3027.11 18	0.00061 6	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
3027.4 5	>0.05	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
3027.4 15	0.25 5	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
3027.6 11	0.049 21	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3027.7 5	†5.0 6	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
3027.7 10	0.021 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3027.8 6	0.0037 19	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
3027.9 8	>0.06	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
3028.0 5	0.098 25	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3028.25 25	0.085 3	⁹¹ Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
3028.5 5	0.066 20	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
3028.6 4	0.067 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
3029	†0.7	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
3029.16 25	0.271 24	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3029.7 3	0.045 18	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
3029.9 5	0.60 14	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
3030.3 5	>0.16	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3030.5 3	17.7 18	⁹⁸ Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
• 3030.95 20	0.385 7	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3031.2 9	†1.2 6	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
3031.2 5	0.074 25	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3031.2 6	0.014 3	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
3031.4 4	0.026 3	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
3031.5 2	0.50 6	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
3031.7 2	0.19 5	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3031.9 8	†0.36 9	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
3032.1 5	0.43 7	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3032.1 5	0.142 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3032.3 6	>0.09	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3032.4 3	0.034 13	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3032.4	0.033 7	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3033.2 15	0.45 9	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
3033.5 10	0.101 12	²⁰⁵ At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
3034.0 5	0.23 5	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
3034.0 5	0.11 4	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
3034.0 3	0.028 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3034.0 10	0.11 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3034.1 6	0.28 6	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
3034.3 14	0.52 5	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3034.6 4	0.0046 9	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
3034.6 2	0.52 5	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3034.8 4	0.123 18	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
3035.5 4	0.103 25	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3035.5 10	0.18 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3035.7 8	†0.9 2	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
3036 4	0.068 19	¹⁵⁸ Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
3036.1 5	0.046 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3036.1 10	0.21 4	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
3036.3 7	>0.05	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
3036.4 5	0.026 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 3036.9 3	0.206 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3037.30 30	0.00102 4	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
3037.4 2	0.0044 6	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3037.5 4	0.012 6	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
3037.7 3	0.104 13	⁵⁸ Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
3037.8 10	0.014 7	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
3037.9 5	1.52 15	⁸⁴ As(5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
• 3038.50 23	0.00088 10	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
3038.87 25	0.236 17	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3038.9 7	2.4	⁵¹ Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
3039.0 4	0.12 6	¹²² In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
3039.17 12	0.261 20	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3039.17 12	0.524 20	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
3039.4 15	0.036 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3039.5 2	0.059 9	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3039.54 13	2.70 7	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
3039.9 4	0.047 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3040.0 6	†0.04 3	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
3040.3 5	0.038 13	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
3040.4 3	>1.1	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3040.7 10	0.036 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3041.3 10	0.13 6	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3041.4	0.018 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3041.7 5	0.47 4	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
3042	<2	⁵⁰ Mn(1.75 m)	783.29(100), 1097.97(98.5), 1443.28(69)
3042.1 7	†2.0 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3042.13 3	<0.0014	¹⁵ C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
3042.2 7	0.034 5	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
3042.3 4	4.7 7	³² Al(33 ms)	1941.4(13.0), 4230.4(1.8), 2289.2(1.4)
3042.6 4	0.07 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 3042.8 4	0.067 4	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3043	0.0049 8	⁶³ Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
3043.4 4	0.12 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
3043.6 4	0.046 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3043.69 10	0.131 9	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
3043.7 9	0.05 5	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3043.7 8	0.067 17	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
3044.02 10	0.382 23	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
3044.81 16	0.0056 7	¹²² I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
3045.0 10	0.022 7	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3045.4 4	2.5 4	⁸⁴ Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
3045.5 10	0.049	²⁰⁵ At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
3045.6 3	0.110 9	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3045.7 10	0.0127 10	¹⁴² Pm(40.5 s)	1575.85(2.0), 641.4(0.384), 2384.3(0.067)
3045.9 10	0.48 7	⁶⁹ Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
3046.8 4	2.44 23	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
• 3046.9 5	0.034 4	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3046.9 7	0.18 5	¹⁷² Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
3047	†2.5	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
3047.10 20	2.8 3	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
3047.2 4	0.31 5	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
3047.25 20	0.063 4	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
3047.29 16	0.034 3	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3047.4 14	0.43	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3048.04 20	0.10 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3049.0 3	0.47 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3049.5 6	2.1	¹³⁶ Te(17.5 s)	2077.9(22), 333.99(19), 578.75(18)
3049.7 7	0.040 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3049.7 10	0.014 7	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
3049.9 3	0.031 5	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
3050.3 4	0.40 5	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
3050.3 5	0.69 9	$^{108}\text{Tc}(5.17 \text{ s})$	242.25(82), 465.6(14.3), 707.81(11.4)
3050.7 2	0.36 6	$^{109}\text{Sn}(18.0 \text{ m})$	1099.4(30), 649.90(28.0), 1321.3(11.9)
3051.1	$\dagger 5$	$^{147}\text{Dy}(40 \text{ s})$	365.1($\dagger 100$), 253.4($\dagger 80$), 1388.0($\dagger 60$)
3051.2	0.016 6	$^{149}\text{Tb}(4.118 \text{ h})$	352.24(29.43), 164.98(26.4), 388.57(18.37)
3051.3 4	0.321 22	$^{133}\text{Te}(55.4 \text{ m})$	912.671(55.28), 647.51(19.4), 863.955(15.6)
3052.0 10	0.06	$^{205}\text{At}(26.2 \text{ m})$	719.30(31), 669.41(8.6), 628.88(5.6)
3052.1 5	0.076 25	$^{121}\text{Xe}(40.1 \text{ m})$	252.7(13), 132.8(10.9), 445.2(7.7)
3052.6 11	0.16 8	$^{91}\text{Kr}(8.57 \text{ s})$	108.788(43.5), 506.592(19.1), 612.87(7.7)
3053 2	0.18 3	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3053 4	0.087 25	$^{158}\text{Tm}(3.98 \text{ m})$	192.13(62), 335.10(16.8), 1149.83(7.6)
• 3053.1 3	0.108 9	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3053.3 2	1.52 4	$^{140}\text{Cs}(63.7 \text{ s})$	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3053.61 20	0.163 25	$^{78}\text{Rb}(17.66 \text{ m})$	454.97(63), 692.86(12.56), 562.15(11.41)
3053.9 3	0.0200 20	$^{214}\text{Bi}(19.9 \text{ m})$	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
3054 2	1.2 3	$^{72}\text{Cu}(6.6 \text{ s})$	652.4(68), 1004.6(12.0), 1657.7(10.1)
3055.0 4	0.00035 4	$^{106}\text{Rh}(29.80 \text{ s})$	511.842(20), 621.94(9.93), 1050.39(1.56)
3055.1 3	0.084 5	$^{87}\text{Kr}(76.3 \text{ m})$	402.586(49.6), 2554.8(9.2), 845.43(7.34)
3055.5 10	0.043 14	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
3056.0 13	0.0016 6	$^{65}\text{Ga}(15.2 \text{ m})$	115.09(54), 61.20(11.4), 153.0(8.9)
3056.0 4	0.31 5	$^{95}\text{Rb}(377.5 \text{ ms})$	352.02(49), 204.02(15.1), 680.7(14.8)
3056.3 3	0.59 6	$^{77}\text{Zn}(2.08 \text{ s})$	189.49(28.1), 473.94(19.7), 1832.0(12.4)
3056.5 3	0.31 4	$^{104}\text{Tc}(18.3 \text{ m})$	358.0(89), 530.5(15.6), 535.1(14.7)
3056.5 5	0.0024 5	$^{141}\text{Pm}(20.90 \text{ m})$	1223.26(4.74), 886.22(2.44), 193.68(1.61)
3056.6 4	0.12 4	$^{103}\text{Cd}(7.3 \text{ m})$	1461.81(12), 1448.70(5.55), 1079.90(5.44)
3056.6 10	$\dagger 0.77 15$	$^{152}\text{Tb}(17.5 \text{ h})$	344.281($\dagger 1500$), 586.294($\dagger 223$), 271.135($\dagger 203$)
3056.80 22	0.87 9	$^{91}\text{Kr}(8.57 \text{ s})$	108.788(43.5), 506.592(19.1), 612.87(7.7)
3056.9 3	0.13 3	$^{92}\text{Kr}(1.840 \text{ s})$	142.307(64), 1218.6(60), 812.6(14.6)
3056.9 3	0.030 13	$^{141}\text{Cs}(24.94 \text{ s})$	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3058 3	0.86 16	$^{68}\text{As}(151.6 \text{ s})$	1015.96(78), 761.61(33.8), 651.12(32.1)
3058 2	0.10	$^{89}\text{Nb}(1.9 \text{ h})$	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3058.3 5	0.191 20	$^{67}\text{Ge}(18.9 \text{ m})$	167.01(84), 1472.48(4.9), 910.92(3.1)
3058.5 10	0.0229 22	$^{69}\text{As}(15.2 \text{ m})$	232.69(11), 145.95(4.96), 86.78(3.44)
3058.7 4	0.069 10	$^{202}\text{Bi}(1.72 \text{ h})$	960.67(99), 422.18(83.7), 657.49(60.6)
3059.2 5	0.00060 4	$^{82}\text{Rb}(1.273 \text{ m})$	776.517(13), 1395.139(0.471), 698.374(0.133)
3059.40 20	0.61 6	$^{106}\text{Tc}(35.6 \text{ s})$	270.07(56), 2239.30(13.6), 1969.40(8.9)
3059.7 14	0.087 25	$^{121}\text{In}(3.88 \text{ m})$	60.34(20), 1041.1(1.12), 1100.7(0.92)
3059.9 8	0.013 3	$^{114}\text{Sb}(3.49 \text{ m})$	1299.90(99), 887.60(17.4), 327.18(7.0)
3060 2	0.016 6	$^{83}\text{Y}(7.08 \text{ m})$	35.50(0.44), 882.1(6.30), 489.90(5.53)
3060	$\dagger 6.7$	$^{107}\text{Sn}(2.90 \text{ m})$	1129.2($\dagger 100$), 678.5($\dagger 100$), 1540.6($\dagger 30$)
3060.0 15	0.12 3	$^{144}\text{La}(40.8 \text{ s})$	397.440(94.3), 541.20(39.2), 844.8(22.3)
3060.6 10	0.078 24	$^{100}\text{Rh}(20.8 \text{ h})$	539.59(78.4), 2376.1(35.3), 1553.4(21)
3060.7 14	0.09	$^{142}\text{La}(91.1 \text{ m})$	641.285(47), 2397.8(13.3), 2542.7(10.00)
3060.8 20	0.04 4	$^{80}\text{As}(15.2 \text{ s})$	666.14(42), 1644.8(7.5), 1207.12(4.3)
3061.0 9	0.08 5	$^{149}\text{Er}(8.9 \text{ s})$	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3061.3 7	0.163 14	$^{154}\text{Tb}(21.5 \text{ h})$	123.071(26), 1274.436(10.5), 2187.10(9.9)
3061.33 15	0.00061 6	$^{134}\text{La}(6.45 \text{ m})$	604.699(5.05), 1554.934(0.414), 563.227(0.359)
3061.5 3	1.5 4	$^{29}\text{Mg}(1.30 \text{ s})$	2223.9(38), 1397.9(17.3), 960.3(15.8)
3061.7 2	0.37 5	$^{81}\text{Ga}(1.221 \text{ s})$	216.47(37.4), 828.26(22.1), 711.18(17.6)
3061.7 10	0.064 14	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
3061.9 5	0.00011 5	$^{128}\text{Cs}(3.66 \text{ m})$	442.901(26.8), 526.557(2.41), 1140.079(1.168)
3062 2	1.4 5	$^{70}\text{Cu}(47 \text{ s})$	884.9(100), 901.7(87), 1251.7(57)
• 3062.1 3	0.103 9	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3062.4 13	0.09	$^{142}\text{La}(91.1 \text{ m})$	641.285(47), 2397.8(13.3), 2542.7(10.00)
3063.1 4	0.025 3	$^{85}\text{Y}(4.86 \text{ h})$	231.67(22.8), 2123.8(5.0), 767.40(3.6)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3063.1 2	0.068 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3063.2 5	1.00 11	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
3063.27	3.7 7	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
3064 2	0.074 22	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3064 2	$\dagger 6.0 \times 10^4$	¹²³ In(47.8 s)	125.76($\dagger 4.2 \times 10^7$), 3234($\dagger 130000$), 1169.8($\dagger 100000$)
3064 2	0.017 9	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
3064.3 9	0.24 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3064.4 2	2.38 25	⁹⁸ Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
• 3064.8 3	0.251 11	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3064.9 8	0.19	¹⁰¹ Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
3065.6 3	0.011 4	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
3065.6 2	0.078 15	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
3066.0 4	0.12 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
3066.1	0.008 4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3066.3	0.014 6	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3066.75 25	0.206 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3066.85 15	0.13 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3067.0 8	0.012 12	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3067.0 6	0.0029 10	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 3067.0 6	0.0056 8	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
• 3067.0 3	0.116 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3067.75 25	0.206 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3068.5 15	$\dagger 0.31$ 15	¹⁵² Tb(17.5 h)	344.281($\dagger 1500$), 586.294($\dagger 223$), 271.135($\dagger 203$)
3069.7 4	0.115 16	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
3069.90 13	0.92 5	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3070.6 5	0.063 19	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
3071.0 10	0.039 24	¹⁰⁰ Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
3071.0 3	0.87 6	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
3071.93 22	0.50 3	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3072 3	0.044 15	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3072.5 4	0.019 4	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
3072.8 4	0.30 10	¹⁰⁵ In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
3073.3 3	0.6 3	¹⁰⁸ Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
3073.4 6	0.52 11	¹⁴⁸ Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
3073.6 10	0.036 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3074 1	2.85 25	¹²⁷ In(3.66 s)	252.3(38), 948.4(2.73), 832.8(1.98)
3074.6 5	0.026 6	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
3075.4 6	0.0076 16	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
3075.9 12	0.19	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3076.2 10	0.11 6	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
3076.4 3	0.06 4	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3076.5 6	0.14 6	¹⁰⁵ In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
3076.6 9	0.23 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3077.7 3	0.15 3	¹²³ Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
3077.72 25	0.277 17	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3077.8 4	0.121 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3078.26 10	0.303 20	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
3078.4 6	$\dagger 0.063$ 21	⁷¹ Se(4.74 m)	147.50($\dagger 211$), 1095.26($\dagger 43.6$), 830.33($\dagger 43.2$)
3078.9	0.026 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3079.0 2	0.041 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3079.1	2.8 10	³⁶ P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
3079.1	0.62	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
3079.3 17	0.04 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3079.6 4	0.59 7	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3079.8 10	0.014 7	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
3080.4 6	0.018 5	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
3080.6 6	0.087 5	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
3080.6 15	0.027 8	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
3080.72 15	0.17 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3081.3 4	0.109 20	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
3081.4 6	0.035 6	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3081.7 5	0.75 16	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
3081.7 3	0.0055 17	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
3082	†0.5	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
• 3082.0 5	0.00059 20	¹⁴⁶ Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
3082.9 8	0.013 3	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
3083.0 15	0.39 24	⁷⁸ Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
3083.4 8	1.3 3	²⁸ Na(30.5 ms)	1473.3(37), 2389.1(18.7), 3087.2(2.6)
3083.4 8	0.17 5	²⁹ Na(44.9 ms)	1473.3(18.4), 2389.1(0.6), 3087.2(0.15)
3083.4 3	0.408 25	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
3083.7 6	0.099 16	⁵⁸ Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
3083.8 4	0.35 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3083.95 5	4.67 6	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3084.4 1	92	⁴⁹ Ca(8.715 m)	4071.9(7.0), 1408.9(0.63), 2371.7(0.49)
3084.5 10	†0.31 15	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3085 2	0.014 7	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3085.4 3	0.15 3	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
• 3085.4 6	0.0148 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3085.8 3	0.016 4	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
3085.9 15	0.23 10	⁶⁵ Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
3086.00	0.062 21	³⁷ S(5.05 m)	3103.36(94), 3741.02(0.26), 906.36(0.054)
3086.5 6	0.12 5	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3086.59 15	0.00034 5	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
3086.9 7	0.0106 16	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
3087.2	2.6 5	²⁸ Na(30.5 ms)	1473.3(37), 2389.1(18.7), 3083.4(1.3)
3087.2	0.15 4	²⁹ Na(44.9 ms)	1473.3(18.4), 2389.1(0.6), 3083.4(0.17)
3087.8 6	0.0086 16	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
3088.1 6	0.10	¹¹⁶ Sb(15.8 m)	1293.54(85), 931.800(24.7), 2225.33(14.2)
3088.3 10	1.01 8	⁶⁸ As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
3088.5 10	0.041 13	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
3088.7 5	0.128 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3089.0 15	†0.12 6	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3089.049 20	<0.7	¹³ B(17.36 ms)	3683.921(7.6), 3853.170(<0.5), 764.316(<0.3)
3090.2 5	0.039 20	⁹⁶ Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
3090.3 5	0.189 24	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3090.5 15	†0.23 7	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
3090.5 10	0.007	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
3090.5 10	0.107 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3090.57 14	0.43 3	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
3090.6 9	0.020 13	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
3090.6	0.007 4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3090.7 4	0.097 18	⁵⁸ Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
3090.7 5	0.044 7	⁸³ Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
3090.8 6	0.09 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3091.4	0.31 10	²⁶ Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
3091.6 6	0.23 5	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
• 3091.9 3	0.152 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3092.0 5	0.117 23	⁶¹ Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3092.0 2	0.219 13	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3092.4 3	0.259 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
3092.5 6	0.028 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3092.7 2	3.0 3	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 2572.3(2.58)
3092.8 7	1.8 3	⁷⁸ Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
3093.2 2	0.163 15	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3093.90 20	0.61 6	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
3093.9 8	0.00050 17	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
3093.92 20	0.0167 20	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 3093.92 20	0.106 19	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
3094.8 5	0.48 10	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
3095.0 4	†0.126 21	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
3095 1	†0.5 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3095.1 9	0.020 13	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
• 3095.50 20	0.323 18	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3095.7 10	0.028 5	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
3096.3 4	0.11 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3096.4 4	0.0100 25	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3096.5 7	0.026 7	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
3097.2 5	0.025 19	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
3097.4 3	0.37 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3097.5 5	0.065 16	⁷⁸ As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
3097.5 3	1.57 25	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3097.7 5	0.077 19	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3097.8 5	0.019	¹⁰⁴ Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
3097.8 5	0.018	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
3098	†0.7	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
3098.2 6	0.45 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3098.45 6	0.49 3	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
3098.6 3	0.185 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3098.6 3	0.085 8	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3098.8 7	0.038 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3099 2	1.8 3	⁷² Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
3099.2 6	0.00016 5	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
• 3099.55 25	0.193 11	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3099.8 5	0.09 3	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
3100.0 18	0.019 6	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
3100.39 50	0.043	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3100.9 10	0.15 3	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
3101.2 2	0.160 10	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3101.3	11.0 16	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
3101.3 14	†3.0 15	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
3101.4	0.00057 16	⁶³ Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
3101.5 12	0.14	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3101.6 8	0.15 5	⁹⁷ Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
3101.8 4	0.006 5	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
• 3102.1 6	0.0148 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3102.1 7	0.198 22	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
3102.6 4	0.065 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3103.0	0.064 23	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3103 3	†4.0×10 ⁴ 14	¹²³ In(47.8 s)	125.76(†4.2×10 ⁷), 3234(†130000), 1169.8(†100000)
3103 2	0.014 7	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3103.1 6	†0.04 3	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
3103.36	94	³⁷ S(5.05 m)	3741.02(0.26), 3086.00(0.062), 906.36(0.054)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3103.5 10	0.050 14	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
3103.8 2	0.0140 19	$^{98}\text{Nb}(51.3 \text{ m})$	787.374(93), 722.645(73.8), 1168.830(17.8)
3104.1 8	0.071 24	$^{93}\text{Rb}(5.84 \text{ s})$	432.61(17.4), 986.05(6.8), 213.429(6.7)
3104.5 5	0.00013 4	$^{82}\text{Rb}(1.273 \text{ m})$	776.517(13), 1395.139(0.471), 698.374(0.133)
3104.5 6	0.015 8	$^{118}\text{In}(4.45 \text{ m})$	1229.68(96), 1050.69(81.0), 683.08(54.3)
3104.6 3	0.024 4	$^{28}\text{P}(270.3 \text{ ms})$	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
3104.9 3	0.00134 11	$^{128}\text{Cs}(3.66 \text{ m})$	442.901(26.8), 526.557(2.41), 1140.079(1.168)
3105.1 15	$\dagger 0.68$ 14	$^{120}\text{I}(81.0 \text{ m})$	560.44($\dagger 137$), 1523.0($\dagger 21.1$), 640.85($\dagger 17.1$)
3105.1 15	2.1 4	$^{120}\text{I}(53 \text{ m})$	560.44(100), 601.11(87), 614.62(67)
3105.40 20	0.294 24	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
3105.7 4	>0.6	$^{29}\text{S}(187 \text{ ms})$	1383.51(19), 1953.83(17.02), 2422.5(15.5)
3106.4 1	1.77 17	$^{77}\text{Zn}(2.08 \text{ s})$	189.49(28.1), 473.94(19.7), 1832.0(12.4)
3106.5 10	$\dagger 0.77$ 15	$^{152}\text{Tb}(17.5 \text{ h})$	344.281($\dagger 1500$), 586.294($\dagger 223$), 271.135($\dagger 203$)
3107.26 25	0.195 18	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
3107.4 8	0.0069 10	$^{114}\text{Sb}(3.49 \text{ m})$	1299.90(99), 887.60(17.4), 327.18(7.0)
3107.8 12	0.026 12	$^{141}\text{Xe}(1.73 \text{ s})$	909.23(24.0), 118.705(16.1), 105.937(9.8)
3107.9 9	0.16 5	$^{91}\text{Rb}(58.4 \text{ s})$	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3108.0 8	0.32 6	$^{97}\text{Rh}(46.2 \text{ m})$	189.21(49), 2245.6(14), 421.55(12.7)
3108.3 6	0.0053 22	$^{55}\text{Co}(17.53 \text{ h})$	931.3(75), 477.2(20.2), 1408.4(16.88)
3108.44 10	1.05 6	$^{80}\text{Ga}(1.697 \text{ s})$	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
3108.9 4	0.74 12	$^{127}\text{Cd}(0.43 \text{ s})$	1235.07(8.3), 376.28(7.5), 523.60(5.15)
3109.2 3	$\dagger >3.4$	$^{27}\text{Na}(301 \text{ ms})$	984.64($\dagger 114$), 1697.94($\dagger 15.5$), 955.32($\dagger 1.1$)
3109.5 5	0.15 3	$^{124}\text{In}(3.17 \text{ s})$	1131.64(68), 3214.15(21.5), 997.79(21.1)
3109.6 5	0.36 8	$^{91}\text{Kr}(8.57 \text{ s})$	108.788(43.5), 506.592(19.1), 612.87(7.7)
3109.6 13	$\dagger 4.5$ 15	$^{164}\text{Tm}(2.0 \text{ m})$	91.40($\dagger 1500$), 1154.66($\dagger 366$), 768.91($\dagger 279$)
3109.9 7	0.027 18	$^{74}\text{Ga}(8.12 \text{ m})$	595.847(91), 2353.46(44.5), 608.353(14.3)
3109.9 4	$\dagger 0.4$ 1	$^{120}\text{Cs}(64 \text{ s})$	322.4($\dagger 100$), 473.5($\dagger 30$), 553.4($\dagger 19.1$)
3110.0 7	1.0 3	$^{92}\text{Rb}(4.492 \text{ s})$	814.98(33), 2820.6(6.2), 569.8(5.6)
3110 1	3.5×10^{-5} 19	$^{128}\text{Cs}(3.66 \text{ m})$	442.901(26.8), 526.557(2.41), 1140.079(1.168)
3110.2 18	0.32 13	$^{74}\text{Br}(25.4 \text{ m})$	634.78(64), 219.05(18.1), 634.26(14.1)
3110.8 7	0.039 22	$^{139}\text{Xe}(39.68 \text{ s})$	218.59(56), 296.53(21.7), 174.97(11.3)
3110.9 5	0.08	$^{154}\text{Pm}(1.73 \text{ m})$	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
• 3111.5 3	0.175 9	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3111.8 4	0.25 4	$^{95}\text{Rb}(377.5 \text{ ms})$	352.02(49), 204.02(15.1), 680.7(14.8)
3112	$\dagger 2.1$	$^{107}\text{Sn}(2.90 \text{ m})$	1129.2($\dagger 100$), 678.5($\dagger 100$), 1540.6($\dagger 30$)
• 3112.04 5	0.064 10	$^{72}\text{As}(26.0 \text{ h})$	834.01(80), 629.95(7.92), 1463.95(1.107)
3112.3 5	0.29 10	$^{178}\text{Re}(13.2 \text{ m})$	237.3(45), 105.9(23.0), 939.1(8.9)
3112.9 3	0.10 2	$^{87}\text{Br}(55.60 \text{ s})$	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3113.4 3	0.09 5	$^{88}\text{Br}(16.5 \text{ s})$	775.28(63), 802.14(13.13), 1440.69(4.72)
3113.50 20	2.13 13	$^{91}\text{Kr}(8.57 \text{ s})$	108.788(43.5), 506.592(19.1), 612.87(7.7)
3113.85 24	0.37 4	$^{93}\text{Rb}(5.84 \text{ s})$	432.61(17.4), 986.05(6.8), 213.429(6.7)
3114	>0.0016	$^{90}\text{Nb}(14.60 \text{ h})$	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
3114.2 2	0.051 4	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3114.3 13	>0.0006	$^{65}\text{Ga}(15.2 \text{ m})$	115.09(54), 61.20(11.4), 153.0(8.9)
• 3115.20 25	0.73 4	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3115.32 23	0.325 21	$^{141}\text{Cs}(24.94 \text{ s})$	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3115.4 6	1.54 25	$^{18}\text{N}(624 \text{ ms})$	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
3115.4 11	0.24 4	$^{105}\text{In}(5.07 \text{ m})$	131.37(41), 260.21(15.7), 604.11(9.2)
3115.85 20	0.31 3	$^{140}\text{Cs}(63.7 \text{ s})$	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3116.0 5	0.022	$^{104}\text{Ag}(33.5 \text{ m})$	555.796(91), 1238.0(3.87), 2276.7(2.46)
3116.3 10	0.157 17	$^{94}\text{Rb}(2.702 \text{ s})$	1309.1(87), 836.9(87.10), 1577.5(31.8)
3116.3 5	0.29 10	$^{178}\text{Re}(13.2 \text{ m})$	237.3(45), 105.9(23.0), 939.1(8.9)
3116.6 4	0.068 9	$^{93}\text{Sr}(7.423 \text{ m})$	590.238(67), 875.73(24.1), 888.13(21.8)
3116.6	0.11	$^{95}\text{Sr}(23.90 \text{ s})$	685.6(23), 2717.3(4.6), 2933.1(4.1)

• $t_{1/2} > 1 \text{ d}$

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3116.7 4	0.38 5	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
3116.8	0.57 9	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3117.61 30	0.14	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3118.0 15	0.016	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
3118.20 20	0.036 10	⁸¹ As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
3118.3 3	0.240 11	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
• 3118.51 16	0.0248 10	¹⁴⁰ La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
3118.51 16	0.00085 10	¹⁴⁰ Pr(3.39 m)	1596.210(0.50), 306.9(0.151), 751.637(0.032)
3119.0 12	0.90 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3119.1 5	0.20 4	⁹⁶ Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
• 3119.2 6	0.020 7	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3119.7 2	0.64 9	¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
3120.2 4	0.327 16	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
3120.2 7	0.028 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3120.5 3	0.130 10	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3120.9 4	0.46 7	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3121.9 13	0.19	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3122.0 7	0.23 5	⁶⁹ Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
3122.2 15	0.043 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
• 3123.0 6	0.0188 18	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3123.1 7	0.069 10	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
3123.5 15	0.016	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
3123.9 4	0.072 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3124.1 3	4.8 3	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
3125 1	2.1×10^{-5} 16	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
3125.3 3	0.28 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3125.44 29	†0.37 5	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
3125.6 10	0.07 7	⁷⁰ As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
3126.4 5	0.063 19	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
3126.5 16	†1.5 15	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
3126.9 6	†0.04 3	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
3127 2	100000 3	¹²³ In(47.8 s)	125.76(†4.2×10 ⁷), 3234(†130000), 1169.8(†100000)
3127 2	0.028 12	¹⁹² Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
3127.6 6	0.028 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3128.1 4	0.20 4	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
• 3128.1 5	0.040 4	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3128.2 10	0.017 4	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
3128.3 10	0.0092 12	¹⁴² Pm(40.5 s)	1575.85(2.0), 641.4(0.384), 2384.3(0.067)
3128.4 6	0.067 16	¹²¹ Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
3128.5 6	0.48 6	⁹² Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
3128.9 7	1.30 3	³⁴ Ar(844.5 ms)	665.54(2.5), 461.00(0.9), 2580.2(0.863)
3129 1	†>0.00015	⁵² Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1530.67(†0.0478)
3129.0 5	†6.4 4	⁹³ Tc(43.5 m)	2644.55(†42.7), 943.33(†8.7), 1492.45(†5.7)
3129.1 5	1.38 14	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
3129.1 5	0.58 4	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
3129.2 8	0.09 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3129.2 7	†1.2 7	¹⁸⁸ Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
3129.5	0.25	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
3129.9 3	0.10 1	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
3130.0 12	0.007 4	⁸⁵ Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
3130	†0.7	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
3130.4 3	0.69 13	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3130.4 6	0.015 3	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
3130.5 15	0.029 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
3130.6 6	0.08 3	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
3130.7 6	0.21 4	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3130.89 16	†0.98 7	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
• 3130.9 7	0.0112 18	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3131.46 14	0.047 8	¹⁸⁶ Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
3131.71 19	0.251 15	⁵⁰ Sc(102.5 s)	1553.768(100), 1121.124(99.5), 523.792(88.7)
3131.9 10	0.34 4	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3132.1 5	†16 3	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
3132.30 15	0.282 24	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3132.5 4	0.182 24	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3132.64 9	0.25 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3133.0 10	0.10 5	⁹² Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
3133.1 8	0.09 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3133.6 5	0.29 10	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3133.9 4	0.0318 9	³¹ S(2.572 s)	1266.12(1.103), 3505.5(0.0073), 2239.5(0.0048)
3133.9 5	0.017 4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3134.4 4	0.166 24	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3134.5 15	†0.22 11	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3134.7 4	0.11 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3135.6 7	0.00037 16	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3136	†0.5	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
3136.0 10	0.028 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3136.0 14	†4.5 15	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
3136.0 8	0.129 13	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
3136.3 10	>0.00020	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
3136.6 3	1.27 23	⁸¹ Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
3137.1 3	0.64 9	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3137.3 10	0.002	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
3137.8 10	†76 21	¹⁹ N(0.27 s)	96.0(†100), 709.2(†63)
3137.9 12	0.057 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3138.8 15	0.008 3	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
3138.9 4	0.040 10	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
3139.0 10	†0.4 2	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
3139.2 9	0.31 18	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
3139.5 2	0.37 4	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
• 3139.6 8	0.0027 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3139.8 4	0.042 12	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
3139.8	11.7 8	¹⁴⁶ Tb(23 s)	1579.4(100), 1078.6(51.6), 1417.2(17.2)
3140		⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
3140.26 20	1.05 8	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3140.3 10	†0.62 15	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3140.9 6	0.080 6	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
3141.0 6	0.079 20	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
3141.0 10	0.107 21	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3141.2 9	0.020 7	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3141.3 7	0.031 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3141.40 10	4.24 21	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3141.5 2	0.213 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3141.7 3	0.052 6	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
3142.0 10	0.071 14	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
3142.6 9	0.018 3	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
3142.6 4	0.0016 6	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
3142.85 15	0.16 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3143.3 8	0.17 4	¹⁰¹ Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3143.4 2	0.80 9	$^{104}\text{Tc}(18.3 \text{ m})$	358.0(89), 530.5(15.6), 535.1(14.7)
3143.7 12	0.0128 24	$^{113}\text{Sb}(6.67 \text{ m})$	497.96(80), 332.41(14.8), 88.25(2.7)
3143.7 8	0.063 8	$^{209}\text{Rn}(28.5 \text{ m})$	408.32(50.3), 745.78(22.8), 337.45(14.5)
3144.2 10	0.0132 15	$^{67}\text{Ge}(18.9 \text{ m})$	167.01(84), 1472.48(4.9), 910.92(3.1)
3144.2 5	0.15 3	$^{142}\text{Cs}(1.70 \text{ s})$	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3145.3 4	0.30 6	$^{76}\text{Ga}(32.6 \text{ s})$	562.93(66), 545.51(26.0), 1108.41(15.8)
3145.4 11	0.15 4	$^{192}\text{Au}(4.94 \text{ h})$	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
3145.5 10	0.33 4	$^{94}\text{Rb}(2.702 \text{ s})$	1309.1(87), 836.9(87.10), 1577.5(31.8)
3146.1 5	0.076 19	$^{121}\text{Xe}(40.1 \text{ m})$	252.7(13), 132.8(10.9), 445.2(7.7)
• 3146.1 4	0.112 9	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3146.6 3	1.16 14	$^{98}\text{Rb}(114 \text{ ms})$	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
3146.6 3	0.5 3	$^{98}\text{Rb}(96 \text{ ms})$	144.224(73), 289.4(68), 3010.5(23.4)
3146.6 3	0.062 11	$^{139}\text{Xe}(39.68 \text{ s})$	218.59(56), 296.53(21.7), 174.97(11.3)
3146.8 7	0.012 3	$^{112}\text{Sb}(51.4 \text{ s})$	1257.05(96), 990.70(14.3), 670.0(3.7)
3147.0	0.008 4	$^{149}\text{Tb}(4.118 \text{ h})$	352.24(29.43), 164.98(26.4), 388.57(18.37)
3147.30 24	0.65 6	$^{91}\text{Rb}(58.4 \text{ s})$	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3148.2 4	0.20 4	$^{95}\text{Rb}(377.5 \text{ ms})$	352.02(49), 204.02(15.1), 680.7(14.8)
3148.5	0.014 5	$^{149}\text{Tb}(4.118 \text{ h})$	352.24(29.43), 164.98(26.4), 388.57(18.37)
3148.58 12	0.294 11	$^{90}\text{Rb}(158 \text{ s})$	831.69(28), 1060.70(6.69), 4365.90(5.6)
3149.0 4	0.12 3	$^{92}\text{Kr}(1.840 \text{ s})$	142.307(64), 1218.6(60), 812.6(14.6)
3149.17 24	0.055 3	$^{91}\text{Mo}(15.49 \text{ m})$	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
3149.2 2	1.16 9	$^{104}\text{Tc}(18.3 \text{ m})$	358.0(89), 530.5(15.6), 535.1(14.7)
• 3149.4 4	0.101 9	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3149.5 2	0.0065 8	$^{126}\text{Cs}(1.64 \text{ m})$	388.633(41), 491.243(5.0), 925.24(4.56)
3149.8 8	†0.67 13	$^{120}\text{Cs}(64 \text{ s})$	322.4(†100), 473.5(†30), 553.4(†19.1)
• 3149.91 24	0.066 10	$^{72}\text{As}(26.0 \text{ h})$	834.01(80), 629.95(7.92), 1463.95(1.107)
3150.0 6	0.62 21	$^{104}\text{In}(1.8 \text{ m})$	658.0(100), 834.1(99), 878.1(29.4)
3150.8 5	0.21 5	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
3151.1 5	0.007 3	$^{98}\text{Nb}(51.3 \text{ m})$	787.374(93), 722.645(73.8), 1168.830(17.8)
3151.8 3	0.115 12	$^{93}\text{Ru}(59.7 \text{ s})$	680.68(6), 1434.73(0.73), 1015.90(0.42)
3152.4 4	0.065 14	$^{150}\text{Tb}(3.48 \text{ h})$	638.05(72), 496.3(14.8), 792.5(4.39)
3153.3 3	1.00 18	$^{74}\text{Br}(46 \text{ m})$	634.78(91), 728.37(35.6), 634.26(16.4)
3153.5 9	0.021 3	$^{114}\text{Sb}(3.49 \text{ m})$	1299.90(99), 887.60(17.4), 327.18(7.0)
3153.7 6	0.052 5	$^{136}\text{Pr}(13.1 \text{ m})$	552.16(76), 539.75(52), 1092.3(18.5)
3154.0 6	0.011 3	$^{143}\text{Eu}(2.63 \text{ m})$	1107.3(8), 1536.8(3.29), 1912.7(2.13)
3154.0 5	0.024 6	$^{149}\text{Tb}(4.118 \text{ h})$	352.24(29.43), 164.98(26.4), 388.57(18.37)
3154.0 15	†0.46 15	$^{152}\text{Tb}(17.5 \text{ h})$	344.281(†1500), 586.294(†223), 271.135(†203)
3154.3 14	0.19	$^{142}\text{La}(91.1 \text{ m})$	641.285(47), 2397.8(13.3), 2542.7(10.00)
3154.4 10	0.026 14	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
3155 3	†3.5×10 ⁴ 13	$^{123}\text{In}(47.8 \text{ s})$	125.76(†4.2×10 ⁷), 3234(†130000), 1169.8(†100000)
3155.1 10	0.39 3	$^{97}\text{Pd}(3.10 \text{ m})$	265.26(56), 475.2(26.7), 792.70(13.8)
3156.3 4	0.045 11	$^{139}\text{Xe}(39.68 \text{ s})$	218.59(56), 296.53(21.7), 174.97(11.3)
3156.8 5	0.58 19	$^{178}\text{Re}(13.2 \text{ m})$	237.3(45), 105.9(23.0), 939.1(8.9)
• 3157.0 8	0.0040 5	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3158.0	0.151 23	$^{44}\text{K}(22.13 \text{ m})$	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3158 1	0.83 17	$^{62}\text{Co}(1.50 \text{ m})$	1172.9(84), 2301.8(14.7), 1128.9(11.1)
3158 1	0.00062 13	$^{62}\text{Cu}(9.74 \text{ m})$	1172.9(0.34), 875.68(0.150), 2301.8(0.0414)
3158 2	0.015 9	$^{192}\text{Au}(4.94 \text{ h})$	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
3158.28 19	0.089 11	$^{132}\text{La}(4.8 \text{ h})$	464.55(76), 567.14(15.7), 1909.91(9.0)
3158.6	0.21 7	$^{36}\text{K}(342 \text{ ms})$	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
3159.0 2	0.148 15	$^{76}\text{Br}(16.2 \text{ h})$	559.101(74), 657.041(15.9), 1853.67(14.7)
3159.4 2	0.0119 12	$^{137}\text{Xe}(3.818 \text{ m})$	455.490(31), 848.95(0.62), 1783.43(0.415)
3159.5 10	†1.4 3	$^{152}\text{Tb}(17.5 \text{ h})$	344.281(†1500), 586.294(†223), 271.135(†203)
3159.8 6	0.062 12	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)

• $t_{1/2} > 1 \text{ d}$

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3159.8 5	0.21 5	¹²¹ Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
3159.8 10	0.028 14	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3160	†0.41	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
3160.04 15	0.00056 5	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
3160.5 8	0.00050 23	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
3160.8 3	0.58 3	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
• 3161.1 5	0.045 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 3161.2 5	0.0080 8	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
3161.2 3	0.19 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3161.5 4	0.16 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
3161.8 1	0.0009 2	⁵² V(3.75 m)	1434.068(100), 1333.649(0.588), 1530.67(0.116)
3161.8 1	†0.022 3	⁵² Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1530.67(†0.0478)
3162.3 15	0.21 4	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
3162.8 10	0.113 10	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
3163 2	0.036 21	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3163.9 4	0.022	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3164.0 6	0.48 19	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3164	0.037	²⁰⁸ At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
3164.5 10	†1.8 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3164.6 7	0.026 4	¹⁹⁸ Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
3164.7 10	2.9×10^{-5} 14	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
3164.7 13	0.09	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 3165.3 4	0.099 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3165.5 4	0.23 4	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3165.6 10	0.026 3	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
3166.1 10	0.036 14	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3166.3 7	†0.05 3	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
3166.66	11.9 20	⁴⁰ Sc(182.3 ms)	3736.50(100), 754.73(41), 2044.65(25.4)
3166.81 15	0.31 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3167.2 1	0.00024 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
3167.6 4	0.069 8	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3167.7 7	0.11 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3167.8 2	2.06 12	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3168.3 4	0.058 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3168.6 10	0.131 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3168.6 5	0.86 19	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3168.7 4	0.062 11	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
3169.0 4	3.71 22	²⁹ Na(44.9 ms)	54.6(<41), 2560(36), 1638.0(5.9)
3169.1 3	0.088 8	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3169.22 19	0.090 19	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
3169.5 15	0.019 5	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
• 3169.6 8	0.0045 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3170 5	11.5 24	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
3170.1 15	0.044 12	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
3170.63 9	0.274 23	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
3170.8 10	0.065 11	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3171.57 23	0.0208 25	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3171.82 22	†0.211 21	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
3172.0 15	0.06	²⁰⁵ At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
3172.1 3	0.100 14	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3172.1 4	0.19 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3172.2 8	0.83 14	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
3172.2 6	0.32 12	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3172.8 5	0.14 4	²⁹ Na(44.9 ms)	54.6(<41), 2560(36), 1638.0(5.9)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3173.1 3	1.09 18	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3173.2 6	0.04 1	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
3173.3	9.4 16	³⁵ Si(0.78 s)	4100.7(36.5), 3859.5(32.7), 2386.3(31.6)
3173.36 14	0.232 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
• 3173.4 7	0.0134 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3173.5 10	†0.62 15	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3174.1 5	2.25 31	⁴⁸ Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
3174.6 2	0.45 3	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3174.9 6	0.063 10	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
3174.9 5	0.19 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3175.5 2	0.0081 8	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
3175.74 7	1.30 9	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3176.3 2	0.054 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3177.2 6	0.046 20	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
• 3177.28 5	0.0111 6	⁵⁷ Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
3177.4 7	0.009 4	¹³⁸ Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1551.1(0.42)
3177.4 20	0.07 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3177.8 8	5.3 4	³⁰ Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
3178.0 8	0.64 14	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
3178.2 5	0.53 18	¹³⁰ In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
3178.3 12	†0.23 3	¹⁸⁴ Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
3178.4 4	1.60 23	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
3179.2 5	0.036 5	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
3179.3		⁹⁸ Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
3179.8	5.2 6	²¹ O(3.42 s)	1730.3(45.6), 3517(15.4), 279.9(14.8)
• 3179.8 7	0.0166 18	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3180.2 4	0.49 7	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3180.4 7	0.0084 23	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
3180.4 13	0.28	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3180.9 8	0.11 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3180.95 10	0.032 3	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
3181.2 6	0.18 4	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3181.6 8	0.078 7	¹³⁵ Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
3181.8 16	0.03 1	²² F(4.23 s)	1274.53(100), 2082.5(85.1), 2165.9(67.8)
3181.8 4	1.36 20	⁹⁹ Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
3181.9 5	0.21 3	⁶⁹ Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
3182	†1.2	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
3182.0 6	0.26 8	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3182.8 4	0.035 9	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3183.0 15	0.021 5	²⁰⁹ Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
3183.1 3	0.093 8	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 3183.6 5	0.063 6	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3183.6 4	0.0014 5	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
3183.98 30	9.4 9	¹³⁰ In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
3184.2 4	1.1 3	²⁹ Mg(1.30 s)	2223.9(38), 1397.9(17.3), 960.3(15.8)
3185.0 10	0.063 11	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3185.5 7	0.24 4	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
3185.5 4	0.029 3	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
3185.8 10	0.078 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3186.2 8	0.93 17	⁹⁵ Rh(1.96 m)	787.7(8.2), 3407.1(2.11), 3824.4(1.35)
3186.40 20	5.0 5	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
3187 2	0.15 4	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
3187.12 12	1.48 4	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3187.2 10	0.122 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3187.3 3	0.41 5	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3187.43 26	0.0053 7	⁹¹ Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
3187.48 15	0.47 4	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3187.8 20	0.0034	¹⁵⁰ Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
3188.0 20	0.08 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3188.1 6	0.52 14	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3188.5 4	0.18 4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
3188.6 7	0.028 8	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3189.5 2	0.31 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3189.5 10	†0.46 15	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3189.65 19	†0.29 4	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
3190.2 4	0.96 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3190.2 10	0.044 11	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
3190.3 10	0.018 8	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
• 3190.3 5	0.056 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3190.6 3	0.21 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3191.0 6	0.083 13	⁶¹ Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
3191.2 3	0.25 3	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3191.6 4	0.043 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3192.2 3	0.32 4	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3192.5 12	0.0112 24	¹¹³ Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
3194.0 4	0.00090 19	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3194.1 3	2.02 9	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
3194.36 15	0.75	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3194.4 4	0.15 4	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3194.4 10	0.066 22	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
3195.1 2	4.0	⁸¹ Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
3195.1 2	1.1	⁸¹ Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
3195.2 9	0.08 8	¹⁷² Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
• 3195.3 4	0.090 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3195.4 4	0.167 20	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
3195.7 12	4.3 7	³¹ Mg(230 ms)	1613.0(36), 946.8(31.5), 1626.1(24.8)
3196.0 5	0.26 8	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3196.5 11	3.1	⁵¹ Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
3196.8 7	0.14 5	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3196.9 6	0.043 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3197.4 4	0.181 22	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3197.4 9	0.07 3	¹⁰¹ Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
3197.7 4	0.043 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3197.9 10	0.14 6	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3198.3 4	0.017 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3199.04 7	0.71 5	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
3199.5 2	0.44 3	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
3199.5 5	0.57 16	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
3200.2 2	0.221 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3200.5 10	†15 7	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
3200.6 8	0.073 10	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
3201.2	>0.018	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3201.25	0.70 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
• 3201.962 16	3.24 3	⁵⁶ Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
3202	†1.1	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
3202.1 7	0.21 4	⁸⁴ Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
• 3202.4 5	0.067 7	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3202.5	0.15	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3202.5 4	0.072 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3203	0.033 11	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
3203.7 5	2.3 4	⁹⁸ Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
3203.87	3.08 7	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
3204 1	1.9×10^{-5} 19	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
3204.2 6	0.044 9	⁶¹ Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
3204.3 3	0.076 7	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3204.8	0.6	¹⁴⁷ Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
3205 2	0.007 4	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3205.09 16	1.12 9	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3205.1 6	0.035 9	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
3205.1 10	0.066 22	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
3205.3 3	0.63 4	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3205.5 10	†1.1 3	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3206	†1.2	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
3206.3 9	0.54 12	¹⁰⁵ In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
3206.4 22	0.027 8	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
3206.5 10	0.21 3	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
• 3206.7 5	0.0064 8	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
• 3206.8 8	0.0134 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3207.1 2	0.0028 4	¹²⁶ Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
3207.9	0.47 8	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
3208.03 19	0.0056 5	¹²² I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
3208.5 5	0.70 19	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3210.2 12	0.09	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3210.3 10	0.9 1	⁹⁴ Rh(25.8 s)	756.23(100), 1430.50(100), 311.70(97.3)
3210.3 10	1.3 2	⁹⁴ Rh(70.6 s)	1430.50(100), 756.23(51), 1072.50(30.7)
3210.77 15	0.119 20	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
3211.11 11	>0.7	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3211.2	0.29 3	³⁸ Ca(440 ms)	1567.9(21), 328.3(2.6)
3211.6 6	0.111 23	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3211.8 1	0.007 4	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
3211.8 3	0.51 3	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
• 3212.2 8	0.0067 9	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3212.8 5	0.012 3	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
3212.95 80	0.032	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3213.2 9	0.032 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3213.2 3	0.088 8	¹¹⁴ Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
3213.6 5	1.46 18	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
3214.15 15	21.5 20	¹²⁴ In(3.17 s)	1131.64(68), 997.79(21.1), 1470.70(6.0)
3214.5 11	0.13 6	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3214.5 3	0.214 22	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3214.5 10	0.022 4	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
3214.8 5	0.039 11	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
3214.83		¹² B(20.20 ms)	4438.03
3214.83	†55 11	¹² N(11.000 ms)	4438.03(†100)
3215.22 15	0.157 19	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3216.0 7	0.035 18	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
3216.6 7	0.43	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
3217.1 21	0.011 9	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
3217.2 6	0.014 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3217.2 6	0.26 8	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3217.2 4	0.024 4	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
3217.3 6	0.029 17	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3218.0 6	0.12 2	$^{92}\text{Tc}(4.23 \text{ m})$	1509.48(101), 773.04(100), 329.71(79.9)
3218	†0.6	$^{107}\text{Sn}(2.90 \text{ m})$	1129.2(†100), 678.5(†100), 1540.6(†30)
3218.0 15	0.025 5	$^{209}\text{Rn}(28.5 \text{ m})$	408.32(50.3), 745.78(22.8), 337.45(14.5)
3218.2 4	0.042 6	$^{141}\text{Cs}(24.94 \text{ s})$	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 3218.4 9	0.0022 5	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3218.48 4	0.214 6	$^{88}\text{Rb}(17.78 \text{ m})$	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
• 3218.48 4	0.007 2	$^{86}\text{Y}(106.65 \text{ d})$	1836.063(99.2), 898.042(93.7), 2734.086(0.71)
3219	0.53 15	$^{25}\text{Ne}(602 \text{ ms})$	89.53(95.5), 979.77(18.1), 1069.30(2.3)
3219.84 20	0.43 3	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
3220.0 25	0.022 10	$^{83}\text{Y}(7.08 \text{ m})$	35.50(0.44), 882.1(6.30), 489.90(5.53)
3220.3 3	0.174 19	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
3220.4 6	†3.13 24	$^{93}\text{Tc}(43.5 \text{ m})$	2644.55(†42.7), 943.33(†8.7), 3129.0(†6.4)
• 3220.5 5	0.0072 16	$^{72}\text{As}(26.0 \text{ h})$	834.01(80), 629.95(7.92), 1463.95(1.107)
3220.5 5	0.15 5	$^{96}\text{Rh}(9.90 \text{ m})$	832.57(100), 685.49(95.7), 631.71(74.5)
3220.7 3	0.035 2	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3222.6 10	0.16 8	$^{68}\text{As}(151.6 \text{ s})$	1015.96(78), 761.61(33.8), 651.12(32.1)
3222.9 15	0.029 11	$^{154}\text{Tb}(21.5 \text{ h})$	123.071(26), 1274.436(10.5), 2187.10(9.9)
3223.0 5	0.73 9	$^{106}\text{In}(5.2 \text{ m})$	632.66(92), 1714.90(17.1), 861.16(10.6)
3223	0.033	$^{208}\text{At}(1.63 \text{ h})$	686.527(98), 660.040(89), 177.595(48.6)
3223.5 10	†0.6 3	$^{152}\text{Tb}(17.5 \text{ h})$	344.281(†1500), 586.294(†223), 271.135(†203)
3223.6 3	1.58 14	$^{29}\text{Na}(44.9 \text{ ms})$	54.6(<41), 2560(36), 1638.0(5.9)
3224.3 3	10.5 10	$^{118}\text{Ag}(3.76 \text{ s})$	487.77(60), 677.13(11.9), 2788.7(11.8)
3224.4 3	0.33 4	$^{91}\text{Rb}(58.4 \text{ s})$	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3224.9 15	0.17 9	$^{94}\text{Rb}(2.702 \text{ s})$	1309.1(87), 836.9(87.10), 1577.5(31.8)
3224.9 3	0.162 12	$^{141}\text{Cs}(24.94 \text{ s})$	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3225 2	†0.4	$^{107}\text{Sn}(2.90 \text{ m})$	1129.2(†100), 678.5(†100), 1540.6(†30)
3225.5 7	0.029 3	$^{67}\text{Ge}(18.9 \text{ m})$	167.01(84), 1472.48(4.9), 910.92(3.1)
3225.6 3	0.31 4	$^{104}\text{Tc}(18.3 \text{ m})$	358.0(89), 530.5(15.6), 535.1(14.7)
3225.9 3	0.11 1	$^{87}\text{Br}(55.60 \text{ s})$	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3226.2 4	0.19 9	$^{149}\text{Er}(8.9 \text{ s})$	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3226.3 6	0.035 3	$^{114}\text{Sb}(3.49 \text{ m})$	1299.90(99), 887.60(17.4), 327.18(7.0)
3226.4 3	0.30 3	$^{93}\text{Rb}(5.84 \text{ s})$	432.61(17.4), 986.05(6.8), 213.429(6.7)
3226.70 15	0.99 7	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
3227.1 8	0.017 12	$^{44}\text{K}(22.13 \text{ m})$	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3227.4 5	2.38 18	$^{29}\text{Na}(44.9 \text{ ms})$	54.6(<41), 2560(36), 1638.0(5.9)
3227.4 8	0.17 6	$^{97}\text{Rh}(46.2 \text{ m})$	189.21(49), 2245.6(14), 421.55(12.7)
3227.5 3	0.82 18	$^{74}\text{Br}(46 \text{ m})$	634.78(91), 728.37(35.6), 634.26(16.4)
3227.5 3	>0.8	$^{74}\text{Br}(46 \text{ m})$	634.78(91), 728.37(35.6), 634.26(16.4)
3227.6 10	0.078 14	$^{154}\text{Tb}(21.5 \text{ h})$	123.071(26), 1274.436(10.5), 2187.10(9.9)
3227.84 13	0.075 6	$^{89}\text{Rb}(15.15 \text{ m})$	1031.94(58), 1248.19(42.6), 2196.02(13.3)
3227.9 2	4.93 25	$^{96}\text{Y}(0.548 \text{ s})$	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
3228 2	0.015 5	$^{121}\text{In}(3.88 \text{ m})$	60.34(20), 1041.1(1.12), 1100.7(0.92)
3229.16 6	1.543 22	$^{66}\text{Ga}(9.49 \text{ h})$	1039.30(37), 2752.01(23.38), 833.50(5.89)
3229.4 10	0.33 4	$^{94}\text{Rb}(2.702 \text{ s})$	1309.1(87), 836.9(87.10), 1577.5(31.8)
3229.5 5	0.025 19	$^{121}\text{Xe}(40.1 \text{ m})$	252.7(13), 132.8(10.9), 445.2(7.7)
3229.5 15	†0.46 15	$^{152}\text{Tb}(17.5 \text{ h})$	344.281(†1500), 586.294(†223), 271.135(†203)
• 3229.5 8	0.0067 9	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3229.9 7	0.15 5	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
3230.0 5	0.33 5	$^{69}\text{Se}(27.4 \text{ s})$	97.98(66), 66.4(24.8), 691.8(16.6)
3230.37 8	0.78 3	$^{78}\text{Rb}(17.66 \text{ m})$	454.97(63), 692.86(12.56), 562.15(11.41)
3230.9 12	0.024 11	$^{141}\text{Xe}(1.73 \text{ s})$	909.23(24.0), 118.705(16.1), 105.937(9.8)
3231.3 3	3.4 3	$^{90}\text{Br}(1.92 \text{ s})$	707.05(38.0), 1362.32(11.2), 655.17(7.7)
3232.34 11	0.59 7	$^{74}\text{Ga}(8.12 \text{ m})$	595.847(91), 2353.46(44.5), 608.353(14.3)
3232.5 6	0.20 7	$^{178}\text{Re}(13.2 \text{ m})$	237.3(45), 105.9(23.0), 939.1(8.9)

• $t_{1/2} > 1 \text{ d}$

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3233.3	>0.00014	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
3234.3	130000.3	¹²³ In(47.8 s)	125.76(†4.2×10 ⁷), 1169.8(†100000), 3127(†100000)
3234.3.2	0.304.15	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
3235.0.5	0.57.8	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3235.1.4	15	¹³⁶ Te(17.5 s)	2077.9(22), 333.99(19), 578.75(18)
3235.2.10	0.022.4	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
3235.3.5	2.0.3	⁸⁴ Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
3235.5.3	0.13.1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3235.7.4	0.031.5	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.7)
3236.7.4	0.040.10	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
3237.0.15	0.23.4	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
3237.6.6	0.30.10	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3238.1	0.050.14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3238.2.4	0.038.5	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3238.4	0.013.4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3238.6.4	4.9.11	¹⁰² Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
3239.0.10	0.022.4	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
3239.1.6	0.057.13	⁶¹ Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
3239.2.5	0.62.9	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3239.4.7	0.027.4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3239.8.10	0.44.6	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
3240.0.3	0.064.18	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3240.4.15	0.018.6	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
3241.0.15	0.64.13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3241.71.30	4.5.4	¹³⁰ In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
3241.9.10	1.76.17	⁸³ As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
3242.2	0.035.17	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3242.4.12	0.19	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3242.8.10	0.38.7	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3242.9.6	0.27.10	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3243.2.7	0.019.3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3244.2.10	0.077.22	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
3244.3.2	0.079.20	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
3244.9.4	0.201.22	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3245.0.5	0.09.4	¹⁰³ Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
3245.0.15	†0.12.6	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3245.84.19	0.00023.5	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
3245.9.4	1.27.20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3246.0.5	†0.063.21	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
3246.0.23	†2	⁸⁷ Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
3246.0.10	0.022.4	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
3246.5.15	0.026.9	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
3246.61.15	3.2.3	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
3247.5.10	>0.46	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3247.5.6	0.17.7	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3248.1.4	0.95.6	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
3248.45.9	0.40.3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3248.5.10	0.24.7	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3248.7.7	0.20.3	⁶⁹ Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
3248.8	0.038.21	⁵³ Fe(8.51 m)	377.88(42), 1619.9(0.50), 2273.5(0.38)
3249.0.5	0.90.7	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
3249.77.20	0.13.2	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
3249.8.5	0.00010.3	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
3249.9.5	6.2.3	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
3250.0 4	0.00106 19	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3250.1 6	0.011 3	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3250.1 10	0.19 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3250.3 3	0.157 17	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3250.7 15	†0.12 6	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3251 3	0.024 11	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
3251.58 16	0.032 4	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
3251.6 5	0.39 13	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3251.98	0.157 23	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3252.24 25	0.167 11	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 3253.416 15	7.93 6	⁵⁶ Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
3253.6 4	2.4 3	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3253.6 3	0.027 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3254.2 6	0.35 12	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3254.5	0.013 6	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3255.5 18	0.023 3	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
• 3255.9 7	0.0134 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 3256.0 8	0.0024 4	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
3256.0 10	1.4 1	⁹⁴ Rh(25.8 s)	756.23(100), 1430.50(100), 311.70(97.3)
3256.0 10	2.0 2	⁹⁴ Rh(70.6 s)	1430.50(100), 756.23(51), 1072.50(30.7)
3256.2 12	0.021 9	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
3256.55 17	0.111 11	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
3256.92 10	0.32 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3257.0 5	0.052 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3257.3 10	0.00013 6	⁶² Cu(9.74 m)	1172.9(0.34), 875.68(0.150), 2301.8(0.0414)
3257.4 7	0.0085 19	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
3257.5 6	0.35 12	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3257.6	0.045	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
• 3258.2 8	0.0112 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3259.4 4	0.030 10	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
3259.50 20	2.7 3	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
3260.0 15	0.018 10	¹⁵⁴ Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
3260.2 4	0.108 13	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3260.3 3	0.17 3	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3260.7 5	0.087 14	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3261 2	0.12 4	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
3261.0 6	0.069 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3261.1 2	0.094 6	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3261.5 5	0.20 5	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
3261.5 5	0.14 4	⁹⁶ Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
3261.6 5	0.17 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3261.81 70	0.059	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3262	0.0106 18	⁴³ Ti(509 ms)	2288.2(4.40), 845.2(2.77), 2458.5(0.91)
3262.3 4	0.050 22	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3263.1 3	0.28 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3263.3 9	0.0011 4	⁹² Y(3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
3263.3 7	0.039 20	⁹⁹ Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
3263.4 4	0.70 5	⁵⁸ Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
3263.5	0.50	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
3263.6 3	0.017 6	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
3263.6 6	0.39 13	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3263.8 10	0.071 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3264.0 10	0.06 4	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
3264.10 20	1.30 10	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3264.4 7	0.062 17	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
3265.0 10	0.113 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3265.2 3	0.45 5	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
3265.4 10	0.061 22	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3265.8 2	†4	¹³⁹ I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
3266.0 20	0.12 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3266.4 10	†0.5 3	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
3266.4 4	0.014 4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3266.7 5	0.079 20	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
3267.1 8	0.043 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3267.5 8	0.51 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3267.5 1	0.70 8	⁷⁷ Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
3267.5 7		¹³¹ Sn(56.0 s)	2470.5, 2039.25, 1787.47
3267.5 7	†3.3 8	¹³¹ Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
3267.6 7	0.15 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3268.0 15	†0.46 15	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3269.0 4	0.066 12	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
3269.22 30	†0.79 6	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
3269.4 3	0.77 4	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
3269.7	>0.00014	²¹⁴ Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
3270 1	>0.29	⁶² Co(1.50 m)	1172.9(84), 2301.8(14.7), 1128.9(11.1)
3270 1	0.00071 10	⁶² Cu(9.74 m)	1172.9(0.34), 875.68(0.150), 2301.8(0.0414)
3270.2 3	0.0116 17	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3270.35 9	0.66 4	⁷⁸ Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
3270.6 7	0.072 10	¹⁵⁶ Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
3270.7 10	0.04 3	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
3270.9 3	0.44 6	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3271.1 10	0.29 10	⁶² Co(13.91 m)	1172.9(97), 1163.4(67.3), 2003.48(18.4)
3271.3 5	0.054 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3272.1 5	0.019 3	²⁰⁷ At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
3272.2 7	0.087 20	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
3272.3 5	0.064 19	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
3272.6 4	0.44 7	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3272.82 17	0.127 19	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
3272.88 10	0.188 19	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
• 3272.990 15	1.889 20	⁵⁶ Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
3273.1 4	0.122 10	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3273.2 14	0.14	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3273.4 7	5.1×10 ⁻⁵ 22	¹⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
3273.7 3	0.19 3	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3274.1 12	0.027 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
• 3274.2 5	0.045 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 3275.1 8	0.0040 8	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
3275.2 2	0.034 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3275.5 20	†0.31 15	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3275.7 3	0.159 13	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
3275.9 2	0.58 5	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3276.1 6	0.15 4	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3276.8 3	0.13 3	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3277.2 4	†0.5 1	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
3277.4 6	0.37 13	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3277.75 70	0.066	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3278.0 12	0.028 5	¹⁸ N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
3278.5 4	0.29 3	⁸⁸ Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)

• $t_{1/2} > 1$ d

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
3278.61 13	0.098 4	$^{28}\text{P}(270.3 \text{ ms})$	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
3278.61 14	2.02 19	$^{88}\text{Br}(16.5 \text{ s})$	775.28(63), 802.14(13.13), 1440.69(4.72)
3279.8 3	0.041 8	$^{91}\text{Tc}(3.14 \text{ m})$	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3279.9 7	0.166 7	$^{135}\text{Te}(19.0 \text{ s})$	603.5(37.0), 266.8(10.36), 870.3(7.73)
3280	0.017 12	$^{44}\text{K}(22.13 \text{ m})$	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3280 2	0.30 7	$^{65}\text{Ge}(30.9 \text{ s})$	649.7(33), 62.0(27), 809.1(21.5)
3280 2	0.021 14	$^{154}\text{Tb}(21.5 \text{ h})$	123.071(26), 1274.436(10.5), 2187.10(9.9)
3280.1 10	0.078 14	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
3280.7 2	0.053 5	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3280.9 7	0.034 7	$^{89}\text{Nb}(1.9 \text{ h})$	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3281.1 7	0.080 19	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
3281.10 30	0.50 6	$^{106}\text{Tc}(35.6 \text{ s})$	270.07(56), 2239.30(13.6), 1969.40(8.9)
3281.23 20	0.33 4	$^{87}\text{Br}(55.60 \text{ s})$	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
• 3282.1 8	0.0022 5	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3283.0 15	†0.17 6	$^{152}\text{Tb}(17.5 \text{ h})$	344.281(†1500), 586.294(†223), 271.135(†203)
3283.3 10	0.063 10	$^{136}\text{Pr}(13.1 \text{ m})$	552.16(76), 539.75(52), 1092.3(18.5)
3283.4 3	0.56 5	$^{142}\text{Cs}(1.70 \text{ s})$	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3283.6 5	0.17 4	$^{76}\text{Ga}(32.6 \text{ s})$	562.93(66), 545.51(26.0), 1108.41(15.8)
3284.7 8	0.16 5	$^{91}\text{Rb}(58.4 \text{ s})$	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3285.2 5	0.21 4	$^{140}\text{Cs}(63.7 \text{ s})$	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3285.3 3	0.176 19	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
3285.6 4	0.73 5	$^{112}\text{Sb}(51.4 \text{ s})$	1257.05(96), 990.70(14.3), 670.0(3.7)
3286.7 10	0.33 4	$^{94}\text{Rb}(2.702 \text{ s})$	1309.1(87), 836.9(87.10), 1577.5(31.8)
3286.9 3	0.24 4	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
3287.0 4	0.177 17	$^{79}\text{Ga}(2.847 \text{ s})$	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3287.6 4	18.1 5	$^{97}\text{Y}(3.75 \text{ s})$	3401.3(14.1), 1996.6(7.4), 2743.1(6.5)
3288.33 18	0.17 3	$^{78}\text{Rb}(17.66 \text{ m})$	454.97(63), 692.86(12.56), 562.15(11.41)
3288.4 10	0.31 8	$^{68}\text{As}(151.6 \text{ s})$	1015.96(78), 761.61(33.8), 651.12(32.1)
3288.97 25	0.0040 4	$^{122}\text{I}(3.63 \text{ m})$	564.119(18), 692.794(1.325), 793.278(1.297)
3289.8 3	0.37 5	$^{89}\text{Br}(4.40 \text{ s})$	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3290 40	0.19 4	$^{70}\text{As}(52.6 \text{ m})$	1039.20(81), 1114.1(21.8), 668.3(21.8)
3290.4 4	0.015 4	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3290.5 3	1.33 14	$^{98}\text{Rb}(114 \text{ ms})$	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
3290.5 3	0.8 3	$^{98}\text{Rb}(96 \text{ ms})$	144.224(73), 289.4(68), 3010.5(23.4)
3290.7	100 6	$^{36}\text{P}(5.6 \text{ s})$	901.8(70.4), 1638.2(35.3), 2539.9(17.4)
3291.0 4	0.126 12	$^{79}\text{Ga}(2.847 \text{ s})$	464.79(24.2), 516.41(21.5), 1187.28(12.8)
• 3291.4 7	0.0045 5	$^{170}\text{Lu}(2.00 \text{ d})$	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3291.6 3	0.065 9	$^{154}\text{Tb}(21.5 \text{ h})$	123.071(26), 1274.436(10.5), 2187.10(9.9)
3291.6 6	0.22 8	$^{178}\text{Re}(13.2 \text{ m})$	237.3(45), 105.9(23.0), 939.1(8.9)
3292		$^{135}\text{Sb}(1.71 \text{ s})$	3406
3292.1 10	0.15 4	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
3292.6 5	0.151 8	$^{146}\text{Pr}(24.15 \text{ m})$	453.88(48.0), 1523.7(15.6), 735.72(7.5)
3294.1 7	0.04 3	$^{87}\text{Br}(55.60 \text{ s})$	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3294.3 4	0.221 11	$^{45}\text{K}(17.3 \text{ m})$	174.276(74.4), 1705.6(53), 2353.6(14.12)
3294.3 18	0.012 6	$^{174}\text{Ta}(1.05 \text{ h})$	206.50(58), 91.00(16.0), 1205.92(4.9)
3294.4 10	0.071 14	$^{154}\text{Tb}(21.5 \text{ h})$	123.071(26), 1274.436(10.5), 2187.10(9.9)
3294.66 25	0.194 25	$^{78}\text{Rb}(17.66 \text{ m})$	454.97(63), 692.86(12.56), 562.15(11.41)
3294.8 8	0.21 4	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
3295.09 14	0.60 3	$^{90}\text{Rb}(158 \text{ s})$	831.69(28), 1060.70(6.69), 4365.90(5.6)
3295.5 3	2.76 13	$^{74}\text{Br}(25.4 \text{ m})$	634.78(64), 219.05(18.1), 634.26(14.1)
3295.5 10	†0.14 5	$^{148}\text{Tb}(60 \text{ m})$	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
3296.1 10	0.07 3	$^{93}\text{Rb}(5.84 \text{ s})$	432.61(17.4), 986.05(6.8), 213.429(6.7)
3296.9 10	0.26 4	$^{94}\text{Rb}(2.702 \text{ s})$	1309.1(87), 836.9(87.10), 1577.5(31.8)
3297 2	0.035 11	$^{83}\text{Y}(7.08 \text{ m})$	35.50(0.44), 882.1(6.30), 489.90(5.53)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3297.7 3	1.4 3	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3297.9 2	0.65 4	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3298.1 6	†1.34 10	⁹³ Tc(43.5 m)	2644.55(†42.7), 943.33(†8.7), 3129.0(†6.4)
3298.31 19	0.64 5	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3298.93 10	0.35 4	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3299.2 4	0.007 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3300.0 6	0.038 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3300.85 12	0.0084 14	¹⁵ C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
3301.2	0.32 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3301.2	0.0031 15	⁴⁴ Sc(3.927 h)	1157.031(99.9), 1499.43(0.912), 2656.41(0.115)
3301.8	0.011 5	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3302.2 10	0.14 5	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
• 3302.4 7	0.0116 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3303.49 16	0.078 8	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
3303.5 8	0.006 3	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
3303.51 23	0.049 19	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
3303.6 10	0.07 4	⁹⁷ Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
3303.7 9	0.09 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3303.8 3	0.058 10	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3303.9 8	0.11 3	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3303.91 13	0.0142 9	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3303.91 13	0.619 25	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
3304.039	12.29 13	³⁴ Cl(32.00 m)	2127.492(42.8), 1176.626(14.09), 4114.54(0.273)
3304.3 7	0.17 3	⁶⁹ Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
3304.4 4	0.162 17	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
• 3304.5 8	0.0072 16	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
3305.5 10	0.174 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3305.8 3	0.14 7	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3305.9 5	0.049 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3307.2 7	0.10 3	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3307.73	0.017 6	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3307.8 10	0.0176 20	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
3307.8 6	0.020 6	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3308.2 3	0.079 18	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3308.5 2	0.446 25	⁸⁷ Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
3309.3	0.25	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
3309.41 15	0.22 3	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3309.8 10	†0.35 8	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3310.0 5	7.2 6	⁹⁸ Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
3310.28 15	1.09 5	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3311.6 10	0.085 14	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
3312.5 2	0.051 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3312.9 3	0.082 8	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3313.3 4	0.005 3	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
3313.8 12	0.95 5	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 3314.1 7	0.0125 13	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3314.6 6	0.11 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3315.0 5	0.029 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3315.2 5	0.55 12	¹⁸ N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
3315.37 11	0.101 6	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
3315.6 5	†4.5 8	¹⁶⁴ Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
3316.5 12	0.22 15	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
3316.54 16	0.129 20	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
3316.7 3	0.090 15	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3316.9 6	0.034 15	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3317.00 12	14.4 4	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 2752.68(11.5)
3317.00 12	0.199 6	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
3317.1 7	0.021 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3317.8 9	0.058 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3317.9 6	0.082 18	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3318.4 8	2.5 3	³² Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
3318.5 3	1.18 11	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
3318.7 7	0.050 17	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
3318.7 3	0.29 4	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3318.7 9	0.11 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3319.0 3	0.50 4	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3319.50 7	2.89 9	⁷⁸ Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
• 3320.4 6	0.0038 3	¹⁴⁰ La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
3320.4 6	6.0×10 ⁻⁵ 4	¹⁴⁰ Pr(3.39 m)	1596.210(0.50), 306.9(0.151), 751.637(0.032)
3320.6 10	0.192 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3321.9 5	0.070 16	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3322 2	0.078 22	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
3322.2 2	0.079 20	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
3322.7	0.9	¹⁴⁷ Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
3323.2 4	0.55 9	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3323.4 10	0.013 4	¹⁰⁰ Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
3323.66 15	0.057 6	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3323.8 15	†0.92 15	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3324.4 7	0.045 13	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
3324.6 4	0.0031 9	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
3324.9 4	0.22 3	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3324.9 20	0.006 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3325	†2.9	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
3325.2 12	0.11 6	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3325.2 4	0.09 5	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3325.4 14	9.0×10 ⁻⁵ 8	⁹⁸ Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
3325.65 15	0.19 3	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3326.4 2	0.65 6	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3327.18 15	0.00058 6	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
3327.5	60	³⁴ Al(60 ms)	929.6(56), 125.4(25.8), 4257.0(12.0)
3327.8 5	0.058 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3328.0 15	†0.29 11	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3328.3 15	0.021 14	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3328.7 8	0.20 6	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3330.0 10	0.39 13	⁹⁹ Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
3330.1 5	0.08 2	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
3330.8 7	0.148 7	¹³⁵ Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
3331.2 3	0.175 13	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3331.7 3	0.13 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3331.8 2	0.218 24	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
3332.5 22	0.016 6	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
3332.54 20	0.0082 6	²⁰ F(11.00 s)	1633.602(100), 4965.85(0.00005)
3332.54 20	0.037 3	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
3332.54 20	0.66 7	²¹ Mg(122 ms)	1633.602(9.0), 2613.8(0.87), 4965.85(0.0040)
3333.0 4	0.22 4	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
3333.7 8	0.071 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3334.0 5	0.124 16	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
3334	†0.41	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
3334.2	0.14	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3334.2 12	0.09	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3334.6 5	0.19 4	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3335.0	0.009 3	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3335.6 4	0.27 5	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
3336.3 3	1.19 18	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3337.0 15	†0.12 6	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3337.8 5	0.22 6	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3337.9 3	0.0033 9	⁷² Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 3337.9 3	0.016 3	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
3338.0 4	0.136 23	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3338.1 10	0.51 17	⁴⁵ Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
3338.4 3	0.28 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3338.6 18	0.45 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3338.8 6	14.4 9	²⁹ S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
• 3338.9 8	0.0018 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3339.01 25	0.151 9	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
3340.0 2	0.31 8	⁷⁷ Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
3340.7 5	0.0054 18	¹⁸⁰ Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
3340.8 9	0.036 14	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3341.0 10	0.30 4	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3341.0 18	0.008 4	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
3341.15 45	0.57 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3341.2 45	0.57 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3341.4 3	0.13 6	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3342.1 10	0.74 13	⁹⁷ Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
3342.7 7	0.038 13	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
3342.9 7	0.0098 23	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
3343.5 3	0.048 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3343.7 5	0.028 5	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3344.3 3	0.113 16	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
3344.61 15	21.6 2	¹²⁶ In(1.60 s)	1141.11(55.9), 969.61(14.9), 3886.82(4.7)
3344.7 5	0.036 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3345.0 5	†14.2 17	⁸⁵ As(2.028 s)	1111.5(†100), 3749.4(†23), 461.5(†20)
3345.4 6	0.010 5	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3345.8 13	0.055 11	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3346.2 6	0.18 8	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3346.9 15	0.033	¹⁵⁴ Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
3347.4 6	0.068 16	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3347.4 7	0.19	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
3348.4 3	0.023 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3349.2 3	0.193 20	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
3349.4 3	0.120 10	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3350.7 15	0.039 10	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3351	†100	⁵⁰ K(472 ms)	4072(†100), 2023.16(†100)
3351.5 10	0.25 15	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
3351.8 10	0.252 22	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3351.81 15	0.207 19	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3351.9 9	0.042 14	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3351.9 7	0.052 4	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
3352.2 3	1.50 10	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3352.3 5	0.036 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3352.6 3	0.035 4	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3352.8	0.95 14	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3353.04 40	0.14	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3353.1 6	0.20 7	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3354.0 6	0.0090 30	¹⁸ N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
3354.03 12	0.69 6	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3355.6 5	0.00025 3	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
3355.8 5	0.71 14	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
3356.0 5	0.22 7	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3356.1	0.32 8	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
3358 2	0.0045 12	¹⁴² Pm(40.5 s)	1575.85(2.0), 641.4(0.384), 2384.3(0.067)
3358.1 4	†0.42 6	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
3358.4 5	0.021 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3358.8 10	0.12 6	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3359.0 3	†0.042 21	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
3359.2 4	0.83 10	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
3359.8 5	0.023 3	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
3360.2 5	0.26 4	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3360.9 6	0.021 6	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
3361	†0.6	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
3361.70 20	1.05 8	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3361.8 7	0.11 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3361.88 13	0.68 3	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
3361.9 10	0.0201 20	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
3361.99 20	0.21 3	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3362.1 10	0.028 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3362.2 10	0.20 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3362.4 10	0.058 10	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
3362.8	0.44	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
3363.6 6	0.19 6	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3364.13 98	0.025 9	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
3364.20 30	1.00 11	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
3364.23 11	0.091 7	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3364.8 7	0.068 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3364.9 7	0.044 9	⁶¹ Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
3365.4 5	0.56 6	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
3365.8 4	2.9 4	⁸⁴ Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
3365.86 10	13.1 5	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 1387.34(11.8)
3366.5 3	0.145 20	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3366.6 3	0.23 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3366.7		⁹⁸ Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
3366.9 3	0.078 22	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3366.98 25	0.227 13	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
3367.0 8	†1.7 4	¹³¹ Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
3367.0 15	†0.15 8	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3367.1 5	0.203 24	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3367.4	35 3	¹¹ Li(8.5 ms)	2811(2.8), 219.4(1.6), 5955.4(0.39)
3367.4 8	0.0037 5	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
3367.6 7	0.036 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3368.8 10	0.0176 20	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
3369.2 10	0.057 24	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3369.5 6	0.15 5	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3369.60 7	0.168 10	⁵⁶ Mn(2.5785 h)	846.771(98.9), 1810.772(27.2), 2113.123(14.3)
3369.9 3	0.38 12	⁶² Co(1.50 m)	1172.9(84), 2301.8(14.7), 1128.9(11.1)
3369.9 3	0.0080 5	⁶² Cu(9.74 m)	1172.9(0.34), 875.68(0.150), 2301.8(0.0414)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3370.0 10	0.089 15	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3370.1	0.007 4	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3370.6 3	0.29 4	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3370.8 4	0.40 6	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3370.9 5	0.0031 4	⁹² Y(3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
3370.97 16	1.13 7	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3371.00 25	0.69 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3371.1 4	0.62 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3372.9 6	0.140 22	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3374.0 10	0.017 6	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3374.0 10	0.21 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3374 1	0.036 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3374.06 16	0.87 4	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3374.1 6	1.49 17	⁹⁷ Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
3374.5 3	0.24 4	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3375	†0.6	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
3375.2 5	0.30 5	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
3375.51 19	0.151 17	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
3375.7 5	2.0 7	⁹⁸ Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
3375.9 3	0.433 24	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3375.9 14	1.12×10 ⁻⁵	²⁰⁶ Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
3376.0 6	0.10 3	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3376.5 3	0.27 13	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3376.9 3	0.077 7	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3376.9 7	0.023 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3377.3 9	0.13 3	³⁰ Al(3.60 s)	2235.24(65), 1263.23(40), 3498.37(32)
3377.4 2	0.00200 25	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3377.85	0.043 7	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
3378.9 4	0.015 5	¹⁴⁹ Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
3379.7 4	0.169 24	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3380.0 1	0.51 8	⁷⁷ Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
3380.0 14	0.17 13	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
3380 2	†0.15 8	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3380.6 7	0.027	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
3381.0 8	0.13 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3381.2 5	0.053 6	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3381.34 6	1.495 19	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
3381.4 15	0.014 7	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3381.5 1	†0.0025 5	⁵² Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1530.67(†0.0478)
3382.9 4	0.039 5	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3382.96 10	4.0 8	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
3383.0 5	0.08 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3383.24 12	0.616 13	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3383.24 12	4.70 14	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
3383.3 7	0.15 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3383.3 6	0.12 4	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3383.6 5	0.06 3	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3383.8 10	0.023 10	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 3385.0 8	0.0018 5	¹⁷⁰ Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
3386.2 12	0.0149 19	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
3386.6 10	0.22 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3388.75 12	2.83 17	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3388.9	0.14	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3389.1 4	0.022 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
3389.5 5	0.32 4	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
3389.8 9	0.061 19	$^{93}\text{Rb}(5.84 \text{ s})$	432.61(17.4), 986.05(6.8), 213.429(6.7)
3389.8 5	0.036 14	$^{150}\text{Tb}(3.48 \text{ h})$	638.05(72), 496.3(14.8), 792.5(4.39)
3391.63 50	0.036	$^{137}\text{I}(24.5 \text{ s})$	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3392.9 6	0.17 6	$^{178}\text{Re}(13.2 \text{ m})$	237.3(45), 105.9(23.0), 939.1(8.9)
3393.0	0.38	$^{43}\text{Ar}(5.37 \text{ m})$	975.0(34), 738.1(15), 1439.5(13)
3393.0 12	0.0043 13	$^{112}\text{Ag}(3.130 \text{ h})$	617.27(43), 1387.67(5.4), 606.49(3.1)
3393.4 8	0.053 18	$^{60}\text{Cu}(23.7 \text{ m})$	1332.501(88), 1791.6(45.4), 826.06(21.7)
3393.6 3	0.28 4	$^{91}\text{Kr}(8.57 \text{ s})$	108.788(43.5), 506.592(19.1), 612.87(7.7)
3393.6 10	0.107 14	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
3393.8 4	>0.5	$^{74}\text{Br}(46 \text{ m})$	634.78(91), 728.37(35.6), 634.26(16.4)
3393.8 4	0.55 9	$^{74}\text{Br}(46 \text{ m})$	634.78(91), 728.37(35.6), 634.26(16.4)
3394.4 4	0.156 21	$^{140}\text{Cs}(63.7 \text{ s})$	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3394.5 4	1.01 9	$^{106}\text{In}(5.2 \text{ m})$	632.66(92), 1714.90(17.1), 861.16(10.6)
3394.5 3	0.018 2	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3395	†0.5	$^{120}\text{I}(81.0 \text{ m})$	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
3395.1 7	0.063 20	$^{87}\text{Br}(55.60 \text{ s})$	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3395.4 4	0.32 6	$^{91}\text{Rb}(58.4 \text{ s})$	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3395.43	1.66 5	$^{44}\text{K}(22.13 \text{ m})$	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3395.6 6	0.111 15	$^{109}\text{Sn}(18.0 \text{ m})$	1099.4(30), 649.90(28.0), 1321.3(11.9)
3395.6 9	0.024 10	$^{141}\text{Cs}(24.94 \text{ s})$	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3396.5 8	0.11 3	$^{124}\text{In}(3.17 \text{ s})$	1131.64(68), 3214.15(21.5), 997.79(21.1)
3396.6 4	7.4 11	$^{85}\text{Se}(31.7 \text{ s})$	345.2(<0.23), 1427.2(7.0), 1207.9(4.4)
3397.8 10	0.286 22	$^{97}\text{Pd}(3.10 \text{ m})$	265.26(56), 475.2(26.7), 792.70(13.8)
3398.0 6	1.4 9	$^{102}\text{Ag}(12.9 \text{ m})$	556.52(91), 719.40(58), 1744.99(17.3)
3398.0 6	1.3 8	$^{102}\text{Ag}(7.7 \text{ m})$	556.52(48), 1834.7(9.8), 2054.4(6.6)
3398.0 7	0.31	$^{116}\text{Ag}(2.68 \text{ m})$	513.39(76), 2478.5(12), 699.58(11)
3398.8 6	0.059 20	$^{95}\text{Rb}(377.5 \text{ ms})$	352.02(49), 204.02(15.1), 680.7(14.8)
• 3399.1 7	0.0032 5	$^{72}\text{As}(26.0 \text{ h})$	834.01(80), 629.95(7.92), 1463.95(1.107)
3399.4 6	0.33 9	$^{178}\text{Re}(13.2 \text{ m})$	237.3(45), 105.9(23.0), 939.1(8.9)
3399.9 3	0.137 14	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
3400.00 20	0.50 6	$^{88}\text{Br}(16.5 \text{ s})$	775.28(63), 802.14(13.13), 1440.69(4.72)
3400.0 8	0.18 6	$^{89}\text{Br}(4.40 \text{ s})$	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3400.3 13	0.50 22	$^{97}\text{Rh}(46.2 \text{ m})$	189.21(49), 2245.6(14), 421.55(12.7)
3400.3 3	0.24 4	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
3400.8 3	0.0047 19	$^{94}\text{Tc}(52.0 \text{ m})$	871.082(94), 1868.68(5.7), 1522.11(4.5)
3400.8 10	0.07 4	$^{97}\text{Rh}(30.7 \text{ m})$	421.55(75), 840.13(12.0), 878.80(9.0)
3401.3 10	0.23 8	$^{68}\text{As}(151.6 \text{ s})$	1015.96(78), 761.61(33.8), 651.12(32.1)
3401.3 4	14.1 7	$^{97}\text{Y}(3.75 \text{ s})$	3287.6(18.1), 1996.6(7.4), 2743.1(6.5)
3401.5 5	0.152 15	$^{67}\text{Ge}(18.9 \text{ m})$	167.01(84), 1472.48(4.9), 910.92(3.1)
3401.8 9	1.24×10^{-5}	$^{180}\text{Rh}(29.80 \text{ s})$	511.842(20), 621.94(9.93), 1050.39(1.56)
3401.9 12	0.33	$^{142}\text{La}(91.1 \text{ m})$	641.285(47), 2397.8(13.3), 2542.7(10.00)
3402.4 3	0.132 20	$^{76}\text{Ga}(32.6 \text{ s})$	562.93(66), 545.51(26.0), 1108.41(15.8)
3403.38 12	0.025 4	$^{110}\text{In}(69.1 \text{ m})$	657.7622(98), 2129.53(2.13), 2211.49(1.76)
3403.4 5	0.16 4	$^{91}\text{Kr}(8.57 \text{ s})$	108.788(43.5), 506.592(19.1), 612.87(7.7)
3403.56 18	0.46 3	$^{93}\text{Rb}(5.84 \text{ s})$	432.61(17.4), 986.05(6.8), 213.429(6.7)
3403.7 4	0.079 8	$^{91}\text{Tc}(3.14 \text{ m})$	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3406		$^{135}\text{Sb}(1.71 \text{ s})$	3292
3406.1 6	0.46 12	$^{178}\text{Re}(13.2 \text{ m})$	237.3(45), 105.9(23.0), 939.1(8.9)
3406.4 8	0.0037 5	$^{45}\text{K}(17.3 \text{ m})$	174.276(74.4), 1705.6(53), 2353.6(14.12)
3406.5 6	1.7 10	$^{102}\text{Ag}(12.9 \text{ m})$	556.52(91), 719.40(58), 1744.99(17.3)
3406.5 6	1.6 9	$^{102}\text{Ag}(7.7 \text{ m})$	556.52(48), 1834.7(9.8), 2054.4(6.6)
3406.6 2	0.00021 5	$^{128}\text{Cs}(3.66 \text{ m})$	442.901(26.8), 526.557(2.41), 1140.079(1.168)
3406.6 4	0.024 4	$^{202}\text{Bi}(1.72 \text{ h})$	960.67(99), 422.18(83.7), 657.49(60.6)

• $t_{1/2} > 1 \text{ d}$

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3407.1 5	2.11 17	⁹⁵ Rh(1.96 m)	787.7(8.2), 3824.4(1.35), 4336.5(1.01)
3407.1 10	0.036 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3407.8 5	1.46 18	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
3408.0 3	>0.06	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3408.09 22	0.46 3	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3408.3 20	0.023 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3408.4 5	0.0182 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
3409.0 8	0.17 6	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3410.0 10	0.38 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3410.7 8	0.08 5	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3411.3 5	0.289 15	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3411.3 5	0.029 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3411.5 15	†0.18 6	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3411.6 12	0.048 22	¹¹⁵ Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
3412.0 15	0.71 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3412.3 9	†1.0 3	¹³¹ Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
3412.7 5	0.140 24	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3412.8 10	0.036 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3413.1 3	0.059 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3414.5 9	0.064 10	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3415.4 14	0.019 10	¹⁴¹ Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
3415.7 4	0.26 4	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3416	0.058 23	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3416.5 5	0.026 5	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3416.6 10	0.19 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3417.07 50	0.036	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3417.2 6	0.57 7	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3418.2 3	0.36 7	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3418.5 3	0.150 15	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
3418.5 6	0.012 12	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
3418.77 15	0.046 4	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3419.0 15	0.008 4	¹⁰⁰ Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
3419.4 4	0.201 14	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3420 4	0.013 6	⁸³ Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
3420.5 5	0.064 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3422.77 10	0.877 15	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
3423	0.20 6	⁵¹ Fe(305 ms)	237.4(5.0), 1825(0.49), 2140(0.24)
3424 4	5 3	²⁹ S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
3424.0 20	0.22 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3424.8 5	0.073 22	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
3425.05 15	4.06 22	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
3426.0 10	0.014 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3426.2 3	0.32 4	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3426.5 4	0.24 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3427.1 5	†5.8 7	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
3427.3 6	0.018 6	¹⁰⁹ Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
3428.1 4	0.319 24	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3428.1 8	0.27 9	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3428.4 8	0.026 9	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
3430.8 3	1.28 18	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3431	†0.2	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
3431.4 10	0.27 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3431.4 6	0.60 9	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3431.5	8.4 5	²³ F(2.23 s)	1701.44(33.0), 2129.3(22), 1822.4(15.6)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3431.5 5	0.20 5	⁹⁶ Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
3431.7 5	0.0125 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
3433.02 15	0.300 4	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
3433.2 7	5.4 7	³¹ Mg(230 ms)	1613.0(36), 946.8(31.5), 1626.1(24.8)
3434.4 4	0.061 8	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
3434.9 6	0.29 4	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
3435.0 2	0.60 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3435 2	0.006 4	¹⁵⁴ Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3435.07 15	0.23 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3435.6 6	3.19 38	⁴⁸ Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
3435.7 10	0.10 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3435.8 4	0.114 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3437.38 15	4.51 19	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3437.5 6	0.011 3	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
3438.16 15	10.8 3	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3439.0 4	0.016 3	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
3439.6 6	0.044 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3440.7 6	0.049 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3440.8 5	0.043 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3440.9 3	0.19 4	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3441	†0.2	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
3441.2 6	0.30 10	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3441.4 10	0.07 4	⁹⁷ Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
3441.7 8	0.38 3	¹³⁵ Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
3442	†0.41	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
3442.6 6	0.011 3	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
3444.4 5	0.21 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3444.8 3	0.10 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3445.1 6	0.065 12	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3445.2 6	0.90 10	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3446.5 4	0.249 19	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3446.50 20	1.48 10	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3447.0 3	0.0047 19	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
3447.9 7	0.05 3	¹¹⁵ Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
3448.1 5	0.014 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3448.64 19	0.42 4	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
3449.3 8	>0.06	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
3449.46 18	0.00059 6	¹³⁴ La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
3449.8 5	0.18 3	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3450	†0.9	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
• 3451.152 17	0.953 10	⁵⁶ Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
3451.2 4	0.07 1	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
3451.4 7	0.67 8	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
3451.45 10	0.70 3	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3451.8 8	0.00047 22	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3452.2 5	9.2 5	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 1529.7(7.3)
3452.3 3	0.123 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3453.3 3	0.202 24	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3453.6 5	0.115 9	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3454.3 3	0.015 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3454.5 4	0.24 15	¹⁰⁸ Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
3454.8	0.07	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
3455.4 5	0.0125 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
3457.4 7	9.9×10 ⁻⁵ 20	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3457.84 29	$\dagger 0.063$ 21	^{71}Se (4.74 m)	147.50($\dagger 211$), 1095.26($\dagger 43.6$), 830.33($\dagger 43.2$)
3458.0 10	0.6 3	^{52}Ca (4.6 s)	675.2(62.4), 961.2(49.9), 1636.4(35.6)
3458.19 16	3.72 19	^{93}Rb (5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3458.3 4	0.00128 22	^{137}Xe (3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3458.30 70	0.022	^{207}At (1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
3458.5 6	0.28 6	^{97}Rh (46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
3458.6 3	0.074 9	^{87}Br (55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3458.6 2	0.179 11	^{138}I (6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3458.62 15	0.31	^{137}I (24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3459.3 13	0.24	^{142}La (91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3459.6	3.0 6	^{21}O (3.42 s)	1730.3(45.6), 3517(15.4), 279.9(14.8)
3460.0 12	1.22 13	^{74}Br (25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3460 1	0.029 14	^{150}Tb (3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3460.5 4	$\dagger 2.9$ 4	^{138}Pm (3.24 m)	520.9($\dagger 100$), 729.0($\dagger 37.8$), 493.1($\dagger 21.6$)
3460.7 6	0.70 12	^{93}Kr (1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3460.9 3	0.069 8	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3461.06 20	0.28 3	^{87}Br (55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3462	10.7 16	^{51}K (365 ms)	3530(2.3)
3462.4 10	0.043 9	^{64}Ga (2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
3463.1 10	0.021 7	^{162}Tm (21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3463.3 12	0.042 24	^{89}Kr (3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3464.0 5	0.37 5	^{95}Rb (377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3464.0 15	0.0039 24	^{100}Rh (20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
3464.3 8	4.4 5	^{78}Ga (5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
3464.34 9	0.125 8	^{139}Cs (9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3464.4 12	0.31 10	^{93}Kr (1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3464.6 6	0.0068 20	^{110}In (69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
3464.9 6	0.086 19	^{178}Re (13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3465.1 9	0.035 12	^{90}Kr (32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
3465.5 4	0.14 3	^{76}Ga (32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3465.7 20	0.0083 15	^{67}Ge (18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
3466.9 6	0.041 7	^{89}Nb (1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3467.2 10	0.27 12	^{93}Kr (1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3467.7 8	0.086 19	^{178}Re (13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3467.9 20	0.009 5	^{154}Tb (21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
3468.6 5	2.0 7	^{98}Y (0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
3469.5 2	2.17 23	^{81}Ge (7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
3470 40	0.15 3	^{70}As (52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
3470.0 13	0.09	^{142}La (91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3470.6 8	0.036 14	^{162}Tm (21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3471.1 10	0.115 10	^{136}Pr (13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
3471.3 5	0.15 3	^{93}Kr (1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3471.4 10	0.16 3	^{94}Rb (2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3473. 1	0.036 7	^{150}Tb (3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3473.9 15	0.19 6	^{95}Rh (5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
3473.9 5	0.100 9	^{104}Ag (33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
3473.9 5	0.179 10	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3474.0 8	0.10 3	^{178}Re (13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3474.3 9	0.016 3	^{91}Tc (3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3474.3	0.23 4	^{95}Sr (23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3474.3 3	0.058 6	^{141}Cs (24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3475.0 10	0.8 3	^{84}As (5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)
3475.24 10	0.65 5	^{110}In (69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
3476.3 4	0.00087 19	^{137}Xe (3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
3476.3 7	0.064 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3477.3 6	0.021 3	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
3477.3 10	0.022 11	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
3477.39 24	0.270 23	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3477.6 3	0.242 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3477.7 8	0.010 5	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
3478 3	2.2 3	⁷² Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
3479.0 15	†0.35 9	¹⁵² Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
3479.3 4	0.69 14	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
3479.3 8	0.10 3	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3479.9 8	0.037 5	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
3479.9 4	†1.0 2	¹³⁸ Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
3480.4 8	0.54 14	⁹⁸ Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
3482.4 5	0.118 19	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3482.50 7	0.96 4	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3482.6 4	†30 3	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
3483.8 10	0.078 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3484.3 9	5.1 3	³⁰ Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
3484.5 5	0.050 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3485.1 10	0.050 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3486.2 5	>0.06	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
3486.50 5	0.131 4	⁸⁸ Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
3486.9 7	0.068 17	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3487 1	0.086 20	⁶⁹ Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
3488.16 6	0.017 2	²⁰ O(13.51 s)	1056.818(99.979), 2431.48(0.0059), 2179.02(0.0022)
3488.6 8	0.38 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3489.01 10	0.44 3	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
3489.1 2	0.34 4	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3489.4 5	†15 3	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
3489.7 5	0.050 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3489.9 8	0.077 19	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3490.0 11	0.07 4	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3490.3	0.31	¹⁴⁹ Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
3490.4 8	†0.16 6	²⁷ Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
3491.0 6	0.069 4	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
3492.8 3	0.13 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3492.90 14	1.20 13	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3493 1	8.0×10 ⁻⁵ 3	¹²⁸ Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
3493.32	0.04 1	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
3494	†0.4	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
3494.0 3	0.033 3	¹⁴¹ Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3494.4 4	0.16 3	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3494.5 10	0.07 6	⁹⁷ Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
3494.5 5	2.11 9	¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
3494.9 5	0.058 5	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
3495.1 3	0.20 3	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3495.25	>0.0010	²⁶ Si(2.234 s)	829.420(21.90), 1622.26(2.73), 1843.26(0.258)
3495.5 3	0.46 5	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3496.3 2	0.73 4	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3496.7 6	0.11 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3498.37 4	32 1	³⁰ Al(3.60 s)	2235.24(65), 1263.23(40), 2595.3(6.2)
3498.37 4	0.00070 5	³⁰ P(2.498 m)	2235.24(0.060), 1552.5(0.00339), 1263.23(0.00087)
3498.5 3	0.26 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3498.6 5	0.099 20	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3499.2 3	0.65 5	¹⁰⁸ Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
3500.3	0.77 11	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3501.2 14	0.015	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3501.9 8	0.018 18	⁵⁸ Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
3502.2		¹³ O(8.58 ms)	1133, 2364.7
3502.0 16	0.36 23	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
3502.6 4	0.54 9	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3503.24 8	3.29 19	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
3503.52 15	2.37 10	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3503.6 14	0.020 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3503.7 7	0.078 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3504.4 3	0.49 4	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
3504.7 3	0.067 11	¹³⁹ Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
3505.3 4	0.031 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3505.5 6	0.0073 5	³¹ S(2.572 s)	1266.12(1.103), 3133.9(0.0318), 2239.5(0.0048)
3505.61	1.98 6	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
3505.8 4	0.25 5	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
3506.0 10	0.26 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3506.7 8	0.038 19	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3507.1 4	0.121 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3507.5	0.23	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3507.6 5	0.27 4	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
3508.3	0.059 22	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3508.4 16	0.09 6	⁷⁸ Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
3508.70 9	1.15 7	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
3509.3 3	0.065 11	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
3509.8 5	0.058 22	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3509.86 17	0.204 19	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
3510.0 3	0.06 4	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3511.1	0.16 6	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
3512	†0.2	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
3512.0 8	0.10 3	¹⁷⁸ Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3512.4 20	0.06 6	¹⁷² Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
3512.5 3	0.19 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3512.5 15	0.057 19	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
3512.7 7	0.061 10	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3512.8 3	0.054 10	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3513.2	0.018 9	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
3513.7 5	0.25 4	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
3514.4 4	0.247 24	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3515.0 10	0.036 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3516.2	12 4	³⁸ P(0.64 s)	1292.0(89), 2224.3(20), 3698.3(10)
3516.3 2	0.162 17	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3517	15.4 6	²¹ O(3.42 s)	1730.3(45.6), 279.9(14.8), 1787(14.2)
3517.3 4	0.16 3	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3517.8 10	0.078 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3518.2	0.018 9	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
3518.3	0.08 4	⁶² Co(1.50 m)	1172.9(84), 2301.8(14.7), 1128.9(11.1)
3520.7 3	0.020 10	²⁰² Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
3520.9 7	0.009 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3521.1 15	0.14 3	⁶¹ Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
3521.1 10	0.33 12	¹²⁷ Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
3521.60 25	0.094 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3523.1	0.065 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
3523.20 13	0.006 4	^{86}Rb (17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
3523.4 6	0.093 25	^{95}Rb (377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3525.2 5	0.178 15	^{76}Br (16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3525.6 7	0.010 1	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3525.7 8	0.10 3	^{178}Re (13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3526.1 8	0.64 13	^{74}Br (25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3526.6 5	0.114 21	^{140}Cs (63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3527.1 7	0.33 5	^{96}Rb (0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
3528.0	0.09	^{95}Sr (23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3528.7 8	0.20 7	^{178}Re (13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3529.2 2	0.026 4	^{141}Cs (24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
3529.4 10	0.045 22	^{115}Te (5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
3529.8 10	0.27 4	^{94}Rb (2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3530	2.3 3	^{51}K (365 ms)	3462(10.7)
3531.0 15	0.031	^{89}Nb (1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3531.0 3	0.209 11	^{91}Tc (3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3531.5 2	0.57 4	^{89}Br (4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3532.88 20	1.35 8	^{89}Kr (3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3533.5 8	0.114 21	^{162}Tm (21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3534	0.00323 17	^{21}F (4.158 s)	350.72(99), 1396(17.0), 1745.5(0.855)
3534.0 15	0.017	^{89}Nb (1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3534.24 13	0.073 3	^{90}Rb (258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3534.24 13	2.83 8	^{90}Rb (158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
3536.3 8	0.19 9	^{149}Er (8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3536.3 10	0.099 21	^{162}Tm (21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3536.8 6	0.077 20	^{87}Br (55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3537.6 12	0.77 25	^{31}Na (17.0 ms)	2243.9(10.4), 171.1(4.8), 2022.2(3.8)
3538.6 6	0.48 10	^{90}Rb (258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3539.00 7	1.82 4	^{78}Rb (17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3539.0	†0.7	^{131}Sn (56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
3539.1 6	0.7 3	^{30}Na (48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
3539.3 5	1.29 14	^{85}Se (31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
3539.7 4	0.131 12	^{79}Ga (2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3539.8 7	0.64 13	^{74}Br (25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3539.97 14	0.172 19	^{81}Ga (1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
3541.3 8	2.8 3	^{30}Na (48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
3541.5 10	0.011 6	^{94}Y (18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
3541.6	1.5 3	^{35}K (190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
3541.79 15	0.44 3	^{87}Br (55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3541.8 3	0.094 8	^{91}Tc (3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3542.8 7	0.52 13	^{99}Ag (124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
3544.0 8	0.16 5	^{93}Rb (5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3544.2 8	0.048 19	^{178}Re (13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
3544.8 4	0.121 21	^{140}Cs (63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3545	†0.5	^{120}I (81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
3547.1 5	0.025 4	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3547.2 9	0.14 5	^{93}Rb (5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3547.3 17	0.17 14	^{104}In (1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
3547.8 3	1.52 21	^{18}N (624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
• 3547.93 6	0.198 5	^{56}Co (77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
3549.3 8	0.028 14	^{162}Tm (21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3549.5 4	3.11 18	^{97}Y (3.75 s)	3287.6(18.1), 3401.3(14.1), 1996.6(7.4)
• 3550.4 5	0.0205 17	^{72}As (26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
3550.7 3	0.057 5	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)

• $t_{1/2} > 1$ d

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3551.0 4	1.23 11	$^{106}\text{Tc}(35.6 \text{ s})$	270.07(56), 2239.30(13.6), 1969.40(8.9)
3551 2	0.036 22	$^{150}\text{Tb}(3.48 \text{ h})$	638.05(72), 496.3(14.8), 792.5(4.39)
3551.1 7	0.36 6	$^{95}\text{Rh}(5.02 \text{ m})$	941.6(72), 1352.0(20.8), 677.6(5.80)
3551.6 10	0.39 8	$^{68}\text{As}(151.6 \text{ s})$	1015.96(78), 761.61(33.8), 651.12(32.1)
3552.70 9	0.589 19	$^{78}\text{Rb}(17.66 \text{ m})$	454.97(63), 692.86(12.56), 562.15(11.41)
3552.70 9	0.049 16	$^{78}\text{Rb}(5.74 \text{ m})$	454.97(81), 664.44(38.3), 1109.72(13.12)
3552.9 5	$\dagger 0.42 5$	$^{148}\text{Tb}(60 \text{ m})$	784.430($\dagger 119.0$), 489.049($\dagger 28.0$), 1079.025($\dagger 16.2$)
3553.9 11	1.3 4	$^{78}\text{Zn}(1.47 \text{ s})$	224.75(43.9), 181.68(28.1), 860.30(24.5)
3554	0.16 5	$^{51}\text{Fe}(305 \text{ ms})$	237.4(5.0), 1825(0.49), 2140(0.24)
3555.0 5	0.51	$^{85}\text{Se}(31.7 \text{ s})$	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
3555 2	0.029 14	$^{150}\text{Tb}(3.48 \text{ h})$	638.05(72), 496.3(14.8), 792.5(4.39)
3556.5 3	0.017 4	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3557.2 7	0.051 10	$^{89}\text{Nb}(1.9 \text{ h})$	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3559.0 8	0.058 19	$^{178}\text{Re}(13.2 \text{ m})$	237.3(45), 105.9(23.0), 939.1(8.9)
3559.5 4	0.59 5	$^{76}\text{Ga}(32.6 \text{ s})$	562.93(66), 545.51(26.0), 1108.41(15.8)
3559.5 6	0.016 5	$^{87}\text{Br}(55.60 \text{ s})$	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3559.6 8	0.061 13	$^{115}\text{Te}(5.8 \text{ m})$	723.569(30), 1380.58(23.0), 1326.83(22.7)
3562.5 4	0.108 8	$^{114}\text{Sb}(3.49 \text{ m})$	1299.90(99), 887.60(17.4), 327.18(7.0)
3562.7 2	4.0 3	$^{81}\text{Ge}(7.6 \text{ s})$	93.10(26), 335.98(12.8), 197.30(12.3)
3563.12 23	0.035 5	$^{132}\text{La}(4.8 \text{ h})$	464.55(76), 567.14(15.7), 1909.91(9.0)
3565.00 25	0.206 21	$^{140}\text{Cs}(63.7 \text{ s})$	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3567.0 5	0.22 4	$^{95}\text{Rb}(377.5 \text{ ms})$	352.02(49), 204.02(15.1), 680.7(14.8)
3567.8 10	0.036 14	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
3567.9 7	0.056 18	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
3568.6	$\dagger 0.9$	$^{131}\text{Sn}(56.0 \text{ s})$	1226.03($\dagger 100$), 450.03($\dagger 90$), 798.50($\dagger 86$)
3568.8 3	0.38 4	$^{86}\text{Br}(16.5 \text{ s})$	775.28(63), 802.14(13.13), 1440.69(4.72)
3569	1.06 6	$^{48}\text{K}(6.8 \text{ s})$	3832.2(78), 780.25(31.0), 675.05(16.8)
3570.13 15	0.57	$^{137}\text{I}(24.5 \text{ s})$	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3570.3 6	10.9 6	$^{29}\text{S}(187 \text{ ms})$	1383.51(19), 1953.83(17.02), 2422.5(15.5)
3571 1	0.029 14	$^{150}\text{Tb}(3.48 \text{ h})$	638.05(72), 496.3(14.8), 792.5(4.39)
3571.8 4	0.64 8	$^{100}\text{Y}(735 \text{ ms})$	212.531(73), 118.59(15.4), 665.98(7.7)
3572.05 25	0.30 3	$^{93}\text{Rb}(5.84 \text{ s})$	432.61(17.4), 986.05(6.8), 213.429(6.7)
3572.5 15	$\dagger 0.06 3$	$^{152}\text{Tb}(17.5 \text{ h})$	344.281($\dagger 1500$), 586.294($\dagger 223$), 271.135($\dagger 203$)
3572.82 18	1.54 9	$^{90}\text{Rb}(258 \text{ s})$	831.69(94), 1375.36(16.7), 3317.00(14.4)
3573.3 3	0.63 5	$^{142}\text{Cs}(1.70 \text{ s})$	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3574.0 15	0.06 3	$^{89}\text{Kr}(3.15 \text{ m})$	220.948(20.1), 586.03(16.6), 904.27(7.2)
3574.3 22	0.011	$^{97}\text{Rh}(46.2 \text{ m})$	189.21(49), 2245.6(14), 421.55(12.7)
3574.58 20	0.42 4	$^{162}\text{Tm}(21.70 \text{ m})$	102.00(17.5), 798.68(8.4), 227.52(7)
3574.6 10	$\dagger 0.32 5$	$^{148}\text{Tb}(60 \text{ m})$	784.430($\dagger 119.0$), 489.049($\dagger 28.0$), 1079.025($\dagger 16.2$)
3574.99 6	2.433 25	$^{78}\text{Rb}(17.66 \text{ m})$	454.97(63), 692.86(12.56), 562.15(11.41)
3575.7 10	0.17 3	$^{94}\text{Rb}(2.702 \text{ s})$	1309.1(87), 836.9(87.10), 1577.5(31.8)
3575.8 5	0.19 2	$^{89}\text{Nb}(1.9 \text{ h})$	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3576.0 5	6.4 5	$^{95}\text{Y}(10.3 \text{ m})$	954.00(16), 2175.6(7.00), 1324.0(4.91)
3577.0	0.41	$^{95}\text{Sr}(23.90 \text{ s})$	685.6(23), 2717.3(4.6), 2933.1(4.1)
3578.4 5	0.11 3	$^{91}\text{Kr}(8.57 \text{ s})$	108.788(43.5), 506.592(19.1), 612.87(7.7)
3578.4 3	0.190 17	$^{138}\text{I}(6.49 \text{ s})$	588.825(56), 875.23(9.2), 2262.19(3.86)
3578.4 4	0.013 2	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3579.6 7	0.079 10	$^{136}\text{Pr}(13.1 \text{ m})$	552.16(76), 539.75(52), 1092.3(18.5)
3580	$\dagger 0.5$	$^{120}\text{I}(81.0 \text{ m})$	560.44($\dagger 137$), 1523.0($\dagger 21.1$), 640.85($\dagger 17.1$)
3582.2	0.07	$^{95}\text{Sr}(23.90 \text{ s})$	685.6(23), 2717.3(4.6), 2933.1(4.1)
3582.7 3	0.152 14	$^{93}\text{Kr}(1.286 \text{ s})$	253.42(41.2), 323.89(24.1), 266.83(20.6)
3582.8 4	0.12 6	$^{122}\text{In}(1.5 \text{ s})$	1140.55(29), 2759.13(3.1), 1013.34(2.7)
3582.8 7	$\dagger 0.05 2$	$^{158}\text{Ho}(11.3 \text{ m})$	218.21($\dagger 100.0$), 98.91($\dagger 70$), 945.7($\dagger 37$)
3582.9 3	0.041 3	$^{145}\text{Gd}(23.0 \text{ m})$	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3583.7 3	0.0020 3	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3583.9 3	0.259 20	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3584.7 2	0.302 17	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3585.0	0.2	⁴⁹ K(1.26 s)	4272(1.76), 2249(1.54), 2023.16(0.4)
3585.4 5	0.106 19	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3587.2 4	0.149 21	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3587.8 5	0.39 6	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3588.0 3	0.32 3	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3588.2 6	0.12 4	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3590.2 4	†0.084 21	⁷¹ Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
3592	†0.8	¹⁰⁷ Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
3592.9 3	0.165 13	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3593.0 2	0.246 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3593.3 6	0.43 3	⁵⁸ Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
3596.86 20	0.125 9	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
3597	0.22 16	²⁵ Ne(602 ms)	89.53(95.5), 979.77(18.1), 1069.30(2.3)
3597.5 10	0.014 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3597.7 3	0.44 4	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3598.5 10	0.022 4	¹⁹⁹ Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
3598.6 3	0.026 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3598.92 15	0.110 9	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3599.67 19	10.4 5	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 345.52(8.3)
3599.7 6	0.37 11	¹¹⁷ Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
3599.8 10	0.017 8	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
3600.0 6	0.062 13	¹³⁶ I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
• 3600.7 4	0.0180 10	⁵⁶ Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
3601.5 3	0.051 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3601.8	0.019 3	³⁷ K(1.226 s)	2796.0(1.8)
3601.8 9	0.38 4	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3603.98 8	1.55 11	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3604.0 20	0.07 3	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3604.2 3	0.141 9	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3604.3 6	0.37 17	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3605.35 12	0.36 5	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3605.6 13	0.017 4	¹¹³ Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
3605.7 5	0.15 3	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3608	†1.2	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
3611.4 8	0.34 4	³⁰ Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
• 3611.8 8	0.0100 20	⁵⁶ Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
3611.9 4	0.097 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3612.1 14	0.90 5	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3612.4 20	0.0059 20	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
3615.2 10	0.0033 14	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
3615.8 10	†0.02	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
3616.1	1.72 23	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3616.5 10	0.10 4	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
3618.8 10	0.028 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3619.1 4	0.32 3	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3619.8 7	0.030 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3619.8 10	0.028 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3620.8 11	0.58 22	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3622.5 9	6.1 8	³¹ Mg(230 ms)	1613.0(36), 946.8(31.5), 1626.1(24.8)
3623.1 7	0.010 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3623.6 7	1.30 13	³⁰ Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3624.6 3	5.58 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3625.0 15	0.14 5	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3625.2 9	1.06 18	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
3625.7 6	0.75 17	⁹⁸ Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
3626.2 9	0.025 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3626.4 4	†54 4	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
3626.7 4	0.032 14	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3627.4 7	0.9 4	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3627.4 7	0.09 4	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
3627.5 15	0.014 5	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3627.9 9	0.114 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3628.9 15	0.11 3	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
3629.2 5	0.080 14	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3629.8 4	0.071 18	⁵⁸ Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
3631.0 8	0.059 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3631.3	0.016 3	⁴³ Ti(509 ms)	2288.2(4.40), 845.2(2.77), 2458.5(0.91)
3631.4 20	0.0059 20	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
3631.9 5	2.56 19	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3632.4 15	0.09 3	¹⁴⁴ La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
3632.7 13	1.00 5	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3632.7 3	0.015 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3633.2 15	0.09 5	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3634.0 8	0.039 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3634.28 20	0.138 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3634.4 9	0.038 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3634.6 5	0.120 13	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
3634.7 3	0.190 22	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3635.3 3	0.06 3	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3635.4 9	0.156 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3635.60 19	0.33 3	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
3637.7 4	0.28 4	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3638.6 10	0.24 4	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3638.7 10	0.148 15	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3639.0 10	0.085 14	¹⁹⁰ Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
3639.1 8	0.038 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3639.14 22	1.21 10	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3639.45 13	>0.07	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3639.45 13	0.073 18	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3640.6 3	0.0066 19	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
3642 2	0.041 8	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
3642.4 6	0.097 21	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3643.6 3	0.023 3	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
3643.75 23	0.79 8	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3643.8 3	0.064 8	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3644.2 27	0.013 6	¹⁷⁴ Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
3644.9 5	†0.52 6	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
3645.7 15	0.041 6	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3645.70 13	0.0315 25	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3645.8	0.017	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
3645.8 3	0.076 6	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3645.9 5	0.23 5	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3645.97 20	0.082 8	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3647.8 5	0.03 3	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
3649.2 4	0.31 5	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3649.4 6	\dagger 2.1 4	^{83}Ge (1.85 s)	306.51(\dagger 100.0), 1193.77(\dagger 20.5), 1525.50(\dagger 13.6)
3650.5 4	0.074 6	^{114}Sb (3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
3651.1 10	\dagger 0.02	^{158}Ho (11.3 m)	218.21(\dagger 100.0), 98.91(\dagger 70), 945.7(\dagger 37)
3651.6 15	0.041 6	^{91}Tc (3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3651.6	0.11	^{95}Sr (23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3651.8 4	0.035 12	^{89}Rb (15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
3652.0 10	0.078 14	^{190}Au (42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
3652.3 5	0.058 12	^{89}Kr (3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3652.5 8	0.0053 15	^{138}Cs (33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
3653.8 6	0.0095 21	^{45}K (17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
3653.9 5	0.187 12	^{112}Sb (51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
3655.1	>0.036	^{95}Rh (5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
3655.5 5	0.137 22	^{93}Kr (1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3655.6 20	0.0044 15	^{67}Ge (18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
3655.9 9	3.8 6	^{85}Se (31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
3656.2 7	0.004 2	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3657.2 10	0.10 3	^{87}Br (55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3657.7 10	0.028 14	^{140}Cs (63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3658.2 5	0.101 14	^{150}Tb (3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3659.6 5	0.083 19	^{92}Kr (1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
3660.4 4	0.39 6	^{106}Tc (35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
3661.37	6.09 12	^{44}K (22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3661.5 8	0.08 3	^{142}Cs (1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3662.13 8	0.182 13	^{78}Rb (17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3664.0 5	0.059 11	^{90}Rb (158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
3664.1 4	0.013 2	^{145}Gd (23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3664.37 7	2.89 16	^{80}Ga (1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
3664.75 19	0.55 4	^{93}Rb (5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3665.4 4	0.084 12	^{89}Kr (3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3665.5 5	0.013 3	^{132}La (4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
3665.54 8	1.11 5	^{81}Ga (1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
3665.61 8	0.157 9	^{139}Cs (9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3666.5 15	0.011 6	^{94}Y (18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
3668.4 4	0.56 4	^{79}Ga (2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3668.8 10	1.1 5	^{82}As (19.1 s)	654.6(15), 1731.3(4.1), 755.2(1.81)
3669.1 4	0.28 4	^{90}Br (1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
3669.7 20	0.0038 19	^{118}In (4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
3669.8 10	0.022 3	^{91}Tc (3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3670.59 40	0.059	^{137}I (24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3670.8 12	0.43 20	^{92}Rb (4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
3670.8 10	0.007 4	^{162}Tm (21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3671.7 5	0.121 21	^{140}Cs (63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3673.9 4	0.167 13	^{136}I (83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
3674 1	0.83 7	^{29}Na (44.9 ms)	54.6(<41), 2560(36), 1638.0(5.9)
3674.5	0.034	^{95}Sr (23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3675 2	0.058 14	^{150}Tb (3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3675.60 45	0.45 5	^{76}Ga (32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3675.90	0.015 6	^{44}K (22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3676.2 4	30.4 19	^{48}Mn (158.1 ms)	752.15(99.7), 1106.25(39.2), 3934.1(22.9)
3677.0 20	0.058 22	^{150}Tb (3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3677.7 4	0.066 12	^{89}Kr (3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3680.5 7	1.05 20	^{98}Rb (114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
3681.7 5	0.071 18	^{58}Mn (65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
3681.8 10	0.20 3	^{94}Rb (2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3682.7 10	0.023	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3682.9 7	0.08 4	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3683.2 8	0.057 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3683.8 9	2.3 4	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
3683.8 5	1.6	⁸⁷ Se(5.85 s)	242.5(37), 334.0(35), 573.2(19)
3683.921 23	7.6 8	¹³ B(17.36 ms)	3089.049(<0.7), 3853.170(<0.5), 764.316(<0.3)
3684.3 3	0.117 8	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3684.6 6	0.17 6	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3684.9 5	0.025 13	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
3685 2	0.036 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3685.8 5	†0.71 6	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
3686.5 15	0.13 3	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
3687	0.96 24	²⁵ Ne(602 ms)	89.53(95.5), 979.77(18.1), 1069.30(2.3)
3687.7 3	0.135 9	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3689.0 5	0.18 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3689.4 22	1.07 15	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
3692.0 8	0.039 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3693.2 6	†2.2 5	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
3693.2 5	0.067 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3694	†0.5	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
3694.0 3	0.0062 6	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3694.3 3	0.046 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3695.7 8	0.039 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3697.95 11	0.63 4	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
3698.0 2	0.096 13	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
3698.3	10 3	³⁸ P(0.64 s)	1292.0(89), 2224.3(20), 3516.2(12)
3698.3 3	0.25 19	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3698.9 7	0.050 21	¹⁴⁰ Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
3699.5 10	0.014 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3700.6 1	0.0118 23	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
3700.6 15	0.013 3	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
3701.1 6	0.061 3	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3703.2 13	33.3 9	⁴⁵ Ar(21.48 s)	1020.04(34.0), 61.35(25.0), 1808.38(13.2)
3704.3 4	0.098 18	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3704.8	0.79 8	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
3704.8 6	0.0084 16	⁴⁵ K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
3705.0 11	0.07 3	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3705.8 3	0.032 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3705.87 16	0.296 19	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3706.6 7	0.073 17	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3706.9 6	0.027 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3707.5 9	0.26 13	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
3708 4	1.16 20	⁷² Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
3708.4 5	0.22 4	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3709.0 10	0.079 10	¹³⁶ Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
3709.0 20	0.064 7	¹⁴⁶ Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
3709.5 15	0.115 22	¹³⁵ Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
3710.30 30	0.34 4	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
3710.64 20	0.0011 2	¹⁹ O(26.91 s)	197.142(95.9), 1356.843(50.4), 109.894(2.71)
3713		⁹² Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
3714.0	0.32	⁴³ Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
3714.3 4	0.47 5	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3716	>0.007	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
3717.1 7	0.027 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3717.8 4	0.84 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3718.8 15	0.008 6	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
3719.1 13	0.28	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3721.5 9	0.048 20	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3721.6 4	0.151 24	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3723.6 10	0.021 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3723.8 1	0.012 3	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
3724.20 15	0.0299 25	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3724.5 4	0.18 4	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
3724.8 10	0.0026 4	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
3726.82	0.029 6	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3727.0 20	0.0127 25	⁶⁷ Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
3727.3 8	0.038 19	⁹² Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
3729.43 20	0.42	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3730.8 7	0.0146 16	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
3732.5 6	0.14 5	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3733.1 6	†2.6 5	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
3733.3 4	1.79 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3733.5 10	0.36 6	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
3733.7 12	0.13 10	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
3735	0.0028 3	²¹ F(4.158 s)	350.72(99), 1396(17.0), 1745.5(0.855)
3735 2	0.07 3	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3735.6 13	0.026 9	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
3735.9 5	0.089 14	¹³⁶ I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
3736.50	100	⁴⁰ Sc(182.3 ms)	754.73(41), 2044.65(25.4), 1876.78(24.9)
3736.50	†1.94 24	⁴¹ Ti(80 ms)	
3736.5 4	0.57 13	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3736.6 10	0.014 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3736.8 6	0.0133 11	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
3736.90 45	0.16 4	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3736.9 7	0.00031 9	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3737.0 9	0.116 8	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3737.2 11	2.0 5	⁵² Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
3738.2 5	0.074 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3738.7 3	0.024 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3740.7 8	0.26 12	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
3741.02	0.26 3	³⁷ S(5.05 m)	3103.36(94), 3086.00(0.062), 906.36(0.054)
3741.4 5	0.69 9	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
3742		⁹² Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
3742	†0.5	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
3743.2	0.84 14	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3743.9 5	0.48 8	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
3744.5 5	2.3	⁸⁷ Se(5.85 s)	242.5(37), 334.0(35), 573.2(19)
3745.0 3	0.114 14	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3745.1 6	0.64 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3745.9 5	0.20 5	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3746.58 8	0.276 13	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3746.9 3	0.035 8	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3749.4 7	†23 3	⁸⁵ As(2.028 s)	1111.5(†100), 461.5(†20), 3345.0(†14.2)
3750.0 6	1.09 20	⁴⁸ Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
3750.9 15	0.011 6	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
3752.10 50	0.17 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3755.2 9	0.008 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3756.1 5	0.75 12	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3756.3 2	0.20 6	⁷⁷ Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
3756.5 13	0.016 10	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3757.4 20	0.84 17	⁹⁵ Rh(1.96 m)	787.7(8.2), 3407.1(2.11), 3824.4(1.35)
3757.7 4	0.009 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3759.4	0.079 24	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
3761.49 30	1.00 10	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
3762.22 15	0.082 18	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3764.47 18	0.37 3	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
3765.3 8	0.007 4	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3765.5 5	>0.06	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
3767.5 2	0.148 4	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
3769.0 4	0.016 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3769 2	0.036 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3769.16 11	0.051 3	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3769.31 4	0.000078 14	³⁰ P(2.498 m)	2235.24(0.060), 1552.5(0.00339), 1263.23(0.00087)
3770.3 3	0.076 25	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3770.4 3	0.177 21	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3771.7 11	2.1	⁵¹ Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
3771.7 2	0.0010 5	⁵² V(3.75 m)	1434.068(100), 1333.649(0.588), 1530.67(0.116)
3771.7 2	†0.0018 4	⁵² Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1530.67(†0.0478)
3771.8 3	0.067 6	¹¹⁰ In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
3773.0 10		⁸² As(19.1 s)	654.6(15), 1731.3(4.1), 755.2(1.81)
3773.08 18	0.73 6	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
3773.37 25	0.219 19	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3774 2	0.036 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3774.5 8	2.9 5	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
3774.6 6	0.083 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3775.0 10	0.027 12	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
3775.6 3	0.049 5	¹³² La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
3776.0 3	0.147 17	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3776.3 20	0.024 5	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3778.1 6	0.150 18	⁵⁸ Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
3778.9 10	0.64 11	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
3779.04 7	0.0012 4	¹⁵ C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
3781.0 8	0.0010 10	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
3781.4 4	0.133 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3781.5 7	0.10 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3781.8 5	0.012 6	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
3783.9 10	0.011 4	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3784.3 3	0.11 5	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3785.4 6	0.014 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3786.3 4	0.19 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3786.7 15	0.23 6	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3788.0 3	4.04 19	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3789.3 3	0.151 19	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3791.2 6	0.044 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3791.56 10	1.117 11	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
3793.1 15	0.047 19	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
3794.3 6	†16 4	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
3794.46 15	0.74 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3795.0 6	0.19 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3795.1 3	1.22 7	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
3795.2 15	0.011 6	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
3795.2 15	0.0049 10	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
3795.57 20	0.85	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3795.8 11	0.039 12	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3796.9 10	0.021 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3797.5 4	0.21 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3797.87 20	0.0014 2	¹⁹ O(26.91 s)	197.142(95.9), 1356.843(50.4), 109.894(2.71)
3800.68 30	0.14	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3800.7 5	0.15 3	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3801.3 3	0.077 7	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3801.7 7	0.028 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3802.7 4	0.090 12	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
• 3803.40 21	0.100 6	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
3803.98 19	1.57 9	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3804.6 3	0.17 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3806.3 10	0.0026 4	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
3806.7 5	1.09 18	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3809.0 10	0.25 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3809.32 15	0.76 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3809.5 8	0.020 8	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3811.2 6	0.103 25	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3811.7 8	0.0089 7	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
3811.8 5	4.2 3	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
3811.9 4	0.12 4	¹⁰⁴ Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
3814.36 20	0.41 3	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
3815.0 10	0.00040 3	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
3815.2 9	0.08 8	¹⁷² Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
3817 2	0.022 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3817.9 4	0.35 3	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
3818.0 5	0.046 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3818.0 6	0.083 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3818.7 3	0.45 4	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
3819.1 9	0.31 13	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
3819.66 30	0.26 3	¹²² In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
3819.99 24	0.0125 17	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3821.4 3	0.145 25	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3821.88	1.8 4	³⁵ K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
3821.9 4	0.097 14	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3823.2 6	†4.1 12	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
3823.6 16	0.36 23	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
3824.4 7	1.35 25	⁹⁵ Rh(1.96 m)	787.7(8.2), 3407.1(2.11), 4336.5(1.01)
3825.5 20	2.37 23	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
3826.08 11	0.044 10	⁵⁰ Sc(102.5 s)	1553.768(100), 1121.124(99.5), 523.792(88.7)
3826.6 7	0.0132 16	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
3826.8 4	0.009 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3827.1 10	1.10 18	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
3827.1 8	0.0173 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
3827.4 4	0.139 16	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3827.5 8	0.0070 7	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
3828.2 12	0.09 5	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3829.0 8	0.038 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3829 2	0.036 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3829.41 17	0.144 13	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3830.6	2.2 3	²³ F(2.23 s)	1701.44(33.0), 2129.3(22), 1822.4(15.6)
3832.2 5	78	⁴⁸ K(6.8 s)	780.25(31.0), 675.05(16.8), 2788.90(16.1)
3832.2 5	†116	⁴⁹ K(1.26 s)	451.6(†9.3)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
3833.4 9	0.020 3	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3834.2 7	0.070 20	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
3835.0 7	0.20 3	⁶⁹ Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
3835.0 4	0.25 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3836.0 10	0.000196 20	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
3836 2	0.050 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3836.4 10	0.68 7	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3837.0 9	0.061 14	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3837.2 7	0.0030 7	⁹¹ Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
3837.3 3	0.46 5	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3837.6 5	0.082 10	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3839.3 3	0.61 6	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3839.78 17	0.0208 17	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3842.3 4	<0.007	¹⁷ N(4.173 s)	870.71(3.3), 2184.48(0.34)
3842.3 4	0.092 20	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3842.4 10	0.148 23	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
3842.7 4	0.111 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3843.9 17	1.3 4	³² Al(33 ms)	1941.4(13.0), 3042.3(4.7), 4230.4(1.8)
3844.33 25	1.02 8	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3845.4 6	0.029 6	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
3846 2	0.022 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3848.0 4	0.010 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3848.7 7	0.106 24	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3850.4 13	0.24	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3850.7 12	0.17 12	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
3851.9 6	0.044 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3852.4 3	1.28 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3853.170 22	<0.5	¹³ B(17.36 ms)	3683.921(7.6), 3089.049(<0.7), 764.316(<0.3)
3853.87 16	0.0224 17	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3855.3 4	0.121 12	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
3859.5	32.7 22	³⁵ Si(0.78 s)	4100.7(36.5), 2386.3(31.6), 241.3(27.0)
3860.90 15	0.26 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3861.0 10	0.021 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3861.7 11	0.00028 7	⁶² Cu(9.74 m)	1172.9(0.34), 875.68(0.150), 2301.8(0.0414)
3861.7 6	0.028 3	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
3861.8 5	1.5 3	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3862.79 30	0.25	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3863.51 9	0.332 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3864.5 4	0.57 5	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
3865.0 20	0.47 21	⁸³ As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
3866 3	4.8 5	⁷² Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
3866.09 30	0.23	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3866.19	0.052 4	²⁴ Na(14.9590 h)	1368.633(100), 2754.028(99.944), 996.82(0.0014)
3866.19	5.26 22	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
3867.60 17	2.58 14	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3868.4	0.064 17	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3868.7 7	0.0109 20	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
3869 2	>0.09	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
3870.5 5	0.19 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3871	0.011 4	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
• 3872.1 4	0.0052 10	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
3873.0 10	†0.02	¹⁵⁸ Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
3874.0 8	0.085 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3876.7 3	0.211 23	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3877.6	0.05 4	⁸⁶ Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
3877.0 8	0.18 6	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
3877.5	0.07	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3877.6 10	0.014 7	¹⁶² Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
3878.6 6	0.098 25	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3879.4 6	0.028 3	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
3881.3	0.015 7	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3881.0 10	7.8×10 ⁻⁵ 19	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
3881.6 5	0.73 9	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3882.5 6	0.040 8	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3883.95 22	0.45 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3884.5	0.00106 14	²¹ F(4.158 s)	350.72(99), 1396(17.0), 1745.5(0.855)
3885.2	0.014 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3885.5 5	0.5 3	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
3886.6 5	0.0023 7	⁹¹ Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
3886.82 15	4.7 5	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
3886.9 5	0.022 11	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
3887.1 4	0.128 19	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
3887.2 8	0.028 5	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3887.8 3	0.0091 17	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3887.9 8	0.090 20	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
3888.1 2	0.218 22	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3888.4 4	0.28 4	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3888.8 4	0.022 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3889.2 5	0.83 9	¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
3890.5 3	0.209 23	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3891.7 4	0.019 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3892.2	0.030 15	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3892.4 4	0.356 24	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3892.7 25	0.015 9	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
3893.15 6	3.81 5	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3895.0 4	0.037 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3895.5	1.0 3	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3897.5 4	0.319 24	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
3897.9 7	0.092 24	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3898.0 7	0.053 19	⁵⁸ Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
3898.4 10	0.034 18	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3898.4 6	0.045 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3900.5 5	10.44 69	⁴⁸ Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
3901.5 3	1.41 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3901.7 4	0.135 20	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3901.7 4	0.028 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3902.4 14	0.08 4	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3902.6 9	0.270 22	¹³⁵ Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
3903.4 5	0.27 4	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
3905.9 3	0.090 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
3906.2 9	0.09 3	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3906.9 5	0.23 4	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
3907.0 15	0.008 3	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3907.1 4	0.00134 22	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3907.74 20	0.0039 3	¹⁹ O(26.91 s)	197.142(95.9), 1356.843(50.4), 109.894(2.71)
3907.8 8	0.039 5	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3909.1 6	>1.1	²⁹ S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
3909.7 7	0.13 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3910.0 14	0.027 18	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3910.0 11	0.048 17	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3910.6 9	0.080 20	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
3911.0 10	9.4×10 ⁻⁵ 13	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
3911 1	0.27 7	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3911.27 20	0.45	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3912.0 8	0.46 18	¹⁰⁶ In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
3912.21 21	0.0141 17	¹³⁹ Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
3913.3 5	0.13 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3913.5 10	0.015 7	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3913.67 16	0.48 3	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3914.7 2	0.313 18	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
3916.0 7	0.17	¹¹⁶ Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
3916.4 5	0.0016 7	⁹¹ Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
3916.7 8	†0.36 6	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
3917 6	0.17 7	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3917.04 30	1.90 20	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
3917.06 10	2.0 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3917.6 10	0.17 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3918.24	0.0070 4	³⁵ Ar(1.775 s)	1219.42(1.35), 1763.10(0.312), 2693.5(0.1480)
3918.6	4.0 4	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
3919.4 4	0.23 4	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
3919.98 14	0.63 8	¹⁸ N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
3920 30	0.16 3	⁷⁰ As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
3920.8 5	0.009 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3921.33	13 3	⁴⁰ Sc(182.3 ms)	3736.50(100), 754.73(41), 2044.65(25.4)
3921.9 5	†5.8 13	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
3923.0 28	0.9 3	⁵² Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
3923.0 4	0.42 3	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3923.8 6	0.022 3	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
3925.0 4	†26 4	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
3925.2 2	0.34 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3926.0 20	0.016 8	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
3926.3 5	2.8	⁸⁷ Se(5.85 s)	242.5(37), 334.0(35), 573.2(19)
3926.4 6	0.049 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3927 2	0.029 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
3927.5 4	6.8 7	⁸⁴ Br(31.80 m)	881.610(42), 1897.761(14.7), 2484.1(6.7)
3928.0 5	0.030 6	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
3928.8 4	0.049 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3929.2 7	0.089 15	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3929.4 14	0.13 8	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3930.2 8	2.77 21	³⁰ Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
3930.2 10	0.11 5	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3930.2 4	0.33 6	¹⁰⁶ Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
3931.0 15	0.034 20	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3931.7 4	0.26 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
3931.8 6	0.007 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3932.37 13	3.84 13	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
3933.7 14	8.0 18	³² Na(13.2 ms)	885.4(60), 2151.3(32), 239.5(16.6)
3933.7 5	0.23 4	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
3934.1 5	22.9 16	⁴⁸ Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
3934.34 18	0.97 5	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3935.2 5	0.018 3	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
3936.43	0.142 11	³⁸ K(7.636 m)	2167.405(99.858), 1769.13(0.0094)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
3937.2 5	0.038 5	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
3937.3 14	0.14 11	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
3937.50 7	1.12 4	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3938.7 5	0.18 4	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3940.2 6	0.074 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
3940.2 7	0.007 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3940.7 9	0.00025 12	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3941.7 4	0.113 23	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3943.4	0.07	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
3943.6 12	0.21 12	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
3946.7 6	0.027 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3947.50 20	0.00211 13	¹⁴ O(70.606 s)	2312.593(99.388), 1635.20(0.052)
3948.0 15	0.0051 20	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3949.0 3	0.36 4	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
3949.56 23	0.64 5	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3950.7 7	0.009 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3951 1	†0.0007 3	⁵² Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1530.67(†0.0478)
3951.5 7	1.09 18	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3951.70 14	4.2 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
3953.3 20	0.015 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3954.2 12	0.038 16	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
3954.8 9	0.78 14	⁸⁵ Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
3955.0 3	0.32 3	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
3955.5 8	0.00034 12	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3956.0 10	8.0×10 ⁻⁵ 13	⁸² Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
3956.8 5	0.54 7	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
3957.6 6	3.7 5	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3958.4 8	0.056 17	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
3962.9 5	0.021 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3963.5 10	0.022 7	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3964.20 15	2.4 2	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
3965.1 12	0.18 11	¹⁰⁴ In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
3965.5 4	0.209 16	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3965.5 12	0.010 3	⁸⁹ Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
3967.3	0.0014 3	³⁵ Ar(1.775 s)	1219.42(1.35), 1763.10(0.312), 2693.5(0.1480)
3967.8	0.006 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
3967.8 5	†31 4	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
3970.0 10	0.059 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
3970.54 11	0.116 24	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
3971 2	0.010 4	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
3971.6 3	0.33 5	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
3972.2 5	0.36 7	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
3972.7 2	2.31 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
3972.8 15	0.07 4	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
3973.9 10	0.048 17	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
3975.6 2	>0.047	¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
3975.7	>0.036	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
3976.4 8	0.00031 12	¹³⁷ Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
3977.5 4	0.27 5	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3977.5 4	0.070 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3977.9 5	0.041 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
3983.5 12	1.0 2	²² F(4.23 s)	1274.53(100), 2082.5(85.1), 2165.9(67.8)
3983.7 5	†0.42 5	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
3983.8 20	0.49 11	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
3984.4 4	0.48 6	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
3984.7 3	0.41 4	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
3986 1	0.29 4	²⁹ Na(44.9 ms)	54.6(<41), 2560(36), 1638.0(5.9)
3987.03 30	0.25	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
3987.3 17	0.0543 6	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
3988.0 3	0.118 15	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
3989.1 8	0.017 6	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
3989.75 20	2.66 20	¹³¹ In(0.282 s)	2434.03(90), 4487.00(2.76), 1654.6(1.3)
3992.2 8	0.0045 12	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
3993.7 10	0.10 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
3994.23 9	0.270 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
3994.3 10	0.22 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
• 3995.0 3	0.056 7	⁷² As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
3995.3 15	0.28 7	⁴⁵ Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
3996.0 4	0.143 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
3996.1 2	0.027 9	⁷⁴ Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
3996.24 30	0.49	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4002.1 15	0.011 6	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
4003.1 4	0.08 4	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4004.0 7	0.12 3	¹²² In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
4004.5 8	0.078 19	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4004.9 7	0.028 8	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4005.0 8	†17 4	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
4005.04	0.0012 12	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
4007.3 10	†0.24 5	²⁷ Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
4007.77 7	0.376 19	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
4007.77 7	0.024 8	⁷⁸ Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
4007.8 15	0.08 3	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
4008.2 10	0.026 9	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
4009.0 5	0.015	¹⁰⁴ Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
4009.3 7	0.071 19	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4009.64	0.027 10	³⁷ S(5.05 m)	3103.36(94), 3741.02(0.26), 3086.00(0.062)
4009.9 12	0.052 19	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4012.3 3	0.0064 8	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4012.3 9	0.007 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4014.1 11	0.060 24	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
4014.1 3	0.090 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
4015.5 5	0.38 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4016.18 80	0.021	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4017.55 21	0.41 3	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4019.3 13	0.025 11	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4020.3 10	0.059 15	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
4020.4 4	0.77 8	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
4021.0 8	†0.15 6	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
4021.6 4	0.033 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4021.71 18	1.51 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4022. 2	0.036 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4023.1 6	0.25 7	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
4023.8 9	0.023 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4026.0 8	†0.09 3	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
4027.1 7	1.09 18	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
4027.1 5	0.092 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4028.0 6	0.17 2	⁹² Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
4028.3 5	0.136 19	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
4028.92 15	0.115 12	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4030	2.6	⁵⁰ K(472 ms)	1027(9.1), 4880(1.5), 3005(1.3)
4032.0 7	0.029 15	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
4032.88 20	0.212 17	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
4033.5 6	0.025 6	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
4035.20 7	2.09 15	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
4035.5 4	0.0107 21	⁸⁶ Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
4037.1 5	0.101 19	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4037.2 13	0.028 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4038.96 15	0.045 5	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4040.20 9	0.370 19	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
4040.8 5	61 7	¹³² In(0.201 s)	374.3(62), 299.2(49), 2379.7(29)
4041.50 30	3.5 4	¹³⁰ In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
4042.6 7	0.0058 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
4043.26 22	0.74 5	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4043.7 5	0.16 4	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
4043.8 10	0.27	⁴⁵ Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
4043.8 10	0.020 8	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4043.8 4	0.024 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4044 2	0.052 15	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
4044.1 4	0.83 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
4044.2 10	0.0040 12	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
4044.31 15	0.721 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
4045.2		¹⁴² La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
4046.7 4	0.050 6	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
4048.0 5	0.117 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4048.2 5	0.25 13	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4049.6 5	0.19 13	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4050.0 4	0.10 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4051.2 9	0.013 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4052.0 25	0.61 23	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
4052.3 15	0.006 3	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
4055.1 8	0.011 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4055.25	0.00048 13	³³ Cl(2.511 s)	840.989(0.524), 1967.12(0.458), 2867.59(0.440)
4056.3 4	0.094 6	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
4058.5 6	0.049 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
4061.3 5	0.11 4	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4061.7 3	0.168 20	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4062.4 10	0.33 8	⁶² Co(1.50 m)	1172.9(84), 2301.8(14.7), 1128.9(11.1)
4063.9 7	0.04 3	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4063.9 4	0.167 20	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
4064.4 11	0.19 6	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
4064.6 6	0.008 3	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4065 3	0.022 7	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
4066.8 10	†0.19 5	¹⁴⁸ Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
4068.5 8	†0.15 6	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
4068.9 6	0.015 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4070.0 5	0.047 16	⁹⁵ Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
4071.2 10	0.0033 12	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
4071.9 1	7.0 7	⁴⁹ Ca(8.715 m)	3084.4(92), 1408.9(0.63), 2371.7(0.49)
4072	0.2	⁴⁹ K(1.26 s)	4272(1.76), 2249(1.54), 2023.16(0.4)
4072	†100	⁵⁰ K(472 ms)	3351(†100), 2023.16(†100)
4074 1	0.005 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
4074.403	0.069 9	³⁴ P(12.43 s)	2127.492(15.00), 4114.54(0.18), 1987.18(0.131)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
4074.45 15	0.26 4	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
4074.9 20	0.079 21	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
4075.1	1.22 18	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
4075.6 4	0.083 9	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
4075.8 4	0.38 7	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
4077.3 9	0.011 3	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
4078.25 19	4.08 20	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4078.3 4	0.062 18	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
4080.1 5	0.021 6	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4080.1 5	0.0175 23	¹³⁸ Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
4081.2 4	0.027 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4081.4 5	0.074 10	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4082.3	0.24 5	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
4083.87 15	0.083 8	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4084 3	0.015 7	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
4084.6 6	0.29 4	⁸⁴ Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
4085.7 6	0.087 19	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4086.1 7	0.027 3	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
4086.2 4	0.068 6	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
4086.27 10	1.29 3	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
4086.3 3	1.80 18	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4086.3 5	0.19 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4087.26 23	0.179 11	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4089.36 12	0.188 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
4090.0 2	0.224 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
4090.6 30	0.017 17	⁷⁰ As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
4092.8 5	0.10 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4093.0 30	0.0053 15	¹⁴³ Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
4093.7 6	0.075 12	⁸⁹ Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
4093.9 7	0.51 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
4094.3 5	0.035 6	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4095.7 3	0.24 3	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4095.98 10	0.13 5	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
4098.4 15	0.022 11	⁹⁴ Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
4098.7 6	0.25 6	¹³¹ In(0.282 s)	2434.03(90), 4487.00(2.76), 3989.75(2.66)
4099.7 2	0.140 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
4100.7	36.5 22	³⁵ Si(0.78 s)	3859.5(32.7), 2386.3(31.6), 241.3(27.0)
4103.3 3	0.019 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4104.1 10	0.018 6	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4105.0 6	0.031	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4105.6 7	0.21 6	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
4106.7 5	0.15 3	¹²² In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
4107.0 5	0.008 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4107 2	0.11 4	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4109.86 20	0.10 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4112 2	0.072 22	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4114.54	0.18 3	³⁴ P(12.43 s)	2127.492(15.00), 1987.18(0.131), 4074.403(0.069)
4114.54	0.273 6	³⁴ Cl(32.00 m)	2127.492(42.8), 1176.626(14.09), 3304.039(12.29)
4115.6 4	0.35 6	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
4115.8 15	0.0037 8	⁸⁴ Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
4117.7 11	0.014 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4118.9 4	0.058 6	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
4119.6 6	0.0103 12	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
4120	†0.5	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
4121.8 5	0.25 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
4123.5 12	0.11 5	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
4127.6 7	0.025 10	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
4128.1 10	0.22 17	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
4128.1 3	0.101 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
4129.3 10	0.052 17	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
4129.9 5	†7.6 7	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
4129.99 15	0.064 6	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4134	†0.5	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
4135.51 17	0.111 4	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
4135.51 17	4.70 17	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4136.2 3	0.0066 9	⁹⁴ Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
4136.3 4	0.26 8	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4140.98 15	0.069 6	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4141.3 19	0.020 5	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
4141.7 8	0.020 10	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
4143.0 12	0.026 8	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4145.7 11	0.046 22	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4146 2	0.022 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4146.9 13	0.016 8	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4147.6	0.87 8	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
4148	†0.5	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
4148.05 13	4.03 13	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4152.4 16	0.0106 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
4152.8 3	0.147 13	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
4155.0 15	0.006 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4155.8 6	0.56 6	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
4156.6 6	0.096 19	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4157.48 22	0.70 5	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4158.5 3	0.089 6	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4159.8 10	0.0021 9	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
4160.94 15	0.27 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4162.5 8	0.005 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
4162.6 6	0.028 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4162.9 10	0.014 3	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
4162.9 4	0.08 1	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
4164.0 7	0.039 15	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
4164 2	0.014 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4166.3 3	3.8 3	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4166.5 10	0.031 12	⁹⁰ Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
4168	0.009 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
4168.8 12	0.30 5	¹³⁵ Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
4171.7 3	0.28 3	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4172 2	0.022 7	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
4173.11 15	0.063 6	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4175	0.0353 7	²¹ F(4.158 s)	350.72(99), 1396(17.0), 1745.5(0.855)
4175.38 19	0.176 13	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
4175.6 20	0.072 21	⁹⁵ Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
4176.2 11	0.012 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4178.07	2.05 8	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
4178.6 7	0.090 22	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4180.07 5	0.079 3	¹⁹ O(26.91 s)	197.142(95.9), 1356.843(50.4), 109.894(2.71)
4180.1 7	0.0020 7	⁹¹ Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
4180.54 10	4.0 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
4182.0 2	0.63 4	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
4183.6 4	0.145 12	⁷⁹ Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
4184.3 6	0.050 8	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4184.6 4	0.022 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4185.6 3	0.62 6	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4186.06 55	0.12 4	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
4187.3 3	0.086 6	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4188	†0.5	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
4188.2 4	0.025 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4189.01 70	0.018	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4189.2 3	0.23 3	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4191.0	0.07	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
4191.4 4	†9.9 9	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
4192.0 10	0.077 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4192.75 23	1.14 10	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
4198.3 10	0.049 19	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4199.1 8	0.030 5	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
4199.1 7	0.006 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4199.6 8	0.074 22	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
4200.4 15	0.12 5	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
4200.54	4.02 22	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
4201.44 20	0.169 19	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
4203.2 10	2.7 4	³¹ Mg(230 ms)	1613.0(36), 946.8(31.5), 1626.1(24.8)
4204.0 15	0.23 9	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4204.6 15	0.012 3	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
4205.5 7	0.073 19	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4206 1	0.065 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4207.8 20	0.60 13	⁹⁵ Rh(1.96 m)	787.7(8.2), 3407.1(2.11), 3824.4(1.35)
4208.9 5	0.046 11	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
4209.5 3	0.91 9	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
4209.9 5	0.13 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4209.9 3	0.33 3	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4210	0.005 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
4211.6 2	0.033 3	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4212.0 9	0.0125 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
4213 3	0.072 22	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4214.4	0.09	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
4215 3	>0.043	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
4216.7 8	0.052 5	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
4217.2 4	0.013 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4217.5 11	0.041 19	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4218.6 7	0.059 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
4219.1 7	0.10 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4222.0 10	0.45 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
4223.3 3	0.076 8	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4224.8 6	0.101 20	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4228.0 10	0.34 8	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
4228.0 4	0.18 4	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
4229.8 9	0.030 5	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
4229.93 31	0.10 4	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
4230 3	1.9 1	⁴⁶ K(105 s)	1346.0(100), 1228.7(6.4), 1675(3.5)
4230.4 9	1.8 4	³² Al(33 ms)	1941.4(13.0), 3042.3(4.7), 2289.2(1.4)
4231.0 4	0.13 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4231.0 7	0.059 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
4232.5 4	0.26 3	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4234.1 3	0.219 24	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4234.4 10	0.45 8	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
4235.9 10	0.05 3	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4236 2	0.007	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4237.96	0.0011 2	²⁴ Na(14.9590 h)	1368.633(100), 2754.028(99.944), 3866.19(0.052)
4237.96	3.61 21	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
4237.96	0.3 1	²⁴ Al(131.3 ms)	1368.633(5.3), 9965.6(1.6), 8597.5(0.6)
4238.2 3	0.43 4	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4238.2 4	0.212 24	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4238.6 2	0.41 3	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
4240.4 16	0.33 20	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
4240.92 15	1.5 2	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
4241.66 20	0.050 5	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4242.0 20	0.71 13	⁹⁵ Rh(1.96 m)	787.7(8.2), 3407.1(2.11), 3824.4(1.35)
4242.1 5	0.077 12	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4246 1	0.043 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4247	0.11	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
4248.2 6	1.1 2	²² F(4.23 s)	1274.53(100), 2082.5(85.1), 2165.9(67.8)
4249.0 3	0.34 3	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4250.6 8	0.071 19	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4250.9 7	0.049 12	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4252 5	0.0015	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
4253.3 5	0.22 3	⁷⁶ Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
4253.3 10	0.014 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4253.7 3	0.38 4	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4255.0 2	0.48 4	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4257.0	12.0 24	³⁴ Al(60 ms)	3327.5(60), 929.6(56), 125.4(25.8)
4257.0 3	0.33 6	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
4257 2	0.014 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4257.2 5	0.024 6	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4257.34 24	0.74 6	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
4258.4 3	0.027 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4258.4 9	0.037 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4260.4 4	0.009 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4260.5 4	0.39 4	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4264.02 30	0.46 5	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
4265.0 6	0.11 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4265 2	0.036 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4265.45 21	1.43 8	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4265.5 15	1.37 19	⁵² Ca(4.6 s)	675.2(62.4), 961.2(49.9), 1636.4(35.6)
4266.5 5	1.09 19	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
4267.7 6	0.028 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4268.0	0.45 9	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
4268.2 5	>0.06	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4269.5 2	0.354 20	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
4270 6	0.0022	¹¹⁶ Sb(15.8 m)	1293.54(85), 931.800(24.7), 2225.33(14.2)
4270.3 4	0.014 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4271.23 19	0.336 23	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4272	1.76 28	⁴⁹ K(1.26 s)	2249(1.54), 2023.16(0.4), 4072(0.2)
4273.20 20	99	¹³¹ In(0.32 s)	2095.5(44), 284.48(44), 173.185(29)
4275.9 5	0.30 5	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
4275.9 9	0.082 9	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4276.53 15	0.25 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
4277.4 5	0.139 22	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4278.4 8	0.036 11	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4279.4 7	0.020 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4280.1 5	9.09 56	⁴⁸ Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
4280.60	0.66 4	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
4281.1 5	2.7 3	³² Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
4281.7 9	0.070 7	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4281.9 3	0.169 14	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4283	†0.41	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
4284 2	0.014 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4287.2 5	0.10 4	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4288	†0.41	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
4288.1 6	0.17 5	¹⁰⁰ Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
4288.1 8	0.007 3	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4288.6 3	0.50 5	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4290 1	0.10 3	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4290.9 3	0.65 6	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
4292.3 7	0.064 20	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
4292.7 12	0.29 5	¹³¹ In(0.282 s)	2434.03(90), 4487.00(2.76), 3989.75(2.66)
4294 3	0.12 3	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4295.88 10	4.05 5	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
4297.1 4	0.115 17	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4297.18 15	0.53 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4297.2 3	0.63 6	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
4298.3 5	0.011 3	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4303.19 15	2.5 3	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
4305.0 16	0.0059 10	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
4306.8 3	0.162 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
4307.3 4	0.078 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4307.4 11	0.010 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4309.2 8	0.010 5	⁹⁵ Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
4311.9 10	0.064 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4312.4 5	0.60 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4314 1	0.029 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4314.5 8	†0.15 6	¹²⁰ Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
4316.01	14.2 9	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
4316.3 4	0.041 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4318.2 5	0.012	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4318.9 2	0.41 3	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
4319.0 3	0.90 8	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4319.4 10	0.044 9	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
4320.9 5	0.35 5	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
4321.2 11	0.010 4	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4322 1	0.043 7	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4323 3	0.08 3	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4324.2	0.16 4	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
4326.83 20	0.27 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4327.9 30	0.017 17	⁷⁰ As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
4330.8 6	0.13 3	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
4331.3 4	0.20 3	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
4331.8	0.13 4	²⁶ Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
4332.14 20	0.277 17	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4332.78 15	0.114 10	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4334	0.0526 14	²¹ F(4.158 s)	350.72(99), 1396(17.0), 1745.5(0.855)

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

$E_{\gamma}(\Delta E)$	$I_{\gamma}(\Delta I)$	Decay Parent	Associated γ -rays: $E_{\gamma}(I_{\gamma})$
4334.2 15	0.0026 7	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
4334.6 11	0.0123 18	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
4336.5 20	1.01 17	⁹⁵ Rh(1.96 m)	787.7(8.2), 3407.1(2.11), 3824.4(1.35)
4337.9 8	0.005 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
4341.1 6	0.105 10	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4342.4 4	1.35 19	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
4342.8 23	0.76 23	¹⁰⁸ In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
4344.0 20	0.09 5	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
4344 2	0.007 2	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4344.2 5	0.69 14	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
4344.3 5	0.032 7	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4348.2	0.16	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
4350.5 6	0.008 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4351.3 7	25 4	¹³² In(0.201 s)	374.3(62), 4040.8(61), 299.2(49)
4353.6 3	1.18 10	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4355.0 7	0.46 9	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
4355.78 22	0.311 17	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4356.0 10	0.44 10	⁴⁵ Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
4357.9 7	0.054 17	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4360.0	0.027	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
4362.9 16	0.027 19	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4364.3 5	†8.8 9	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
4364.5 5	0.031 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4365.90 18	0.107 8	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
4365.90 18	5.6 2	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4135.51(4.70)
4366.2 7	12.8 6	²² F(4.23 s)	1274.53(100), 2082.5(85.1), 2165.9(67.8)
4367.3 5	0.61 8	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
4368.4 8	0.042 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4368.6 6	0.26 6	¹⁸ N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
4369.1 7	0.12 7	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
4369.3 4	0.29 3	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4370.1 6	0.07 2	⁹² Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
4370.7 6	0.006 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4372.8 5	0.54 8	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
4376.2 5	0.05 3	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4379 2	0.007	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4379.6 4	4.2 3	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
4379.7 2	0.036 4	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4379.9 7	0.012 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4380.4 12	0.20 6	⁷⁴ Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
4385.0 6	0.14 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
4385.9 7	0.08 5	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4387.9 4	0.117 14	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4388.41	1.8 4	³⁵ K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
4389.5 3	0.127 13	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4390.1 1	0.0115 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
4390.7 5	0.022 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4391.3 9	0.054 17	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4393.28 9	0.06 4	⁵⁴ V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
4396.0	0.0038 19	³⁷ S(5.05 m)	3103.36(94), 3741.02(0.26), 3086.00(0.062)
4396.3 8	0.030 9	¹³⁶ I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
4400.0 5	0.31 3	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4401.1 10	0.017 3	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
4402.78 15	0.22 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
4402.9 4	0.37 4	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4403.2	0.0035 23	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
4405.1 12	0.008 4	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4405.6 6	†3.9 7	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
4406.2	0.050 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4408.92	0.053 9	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
4409.8 5	0.033 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4412.6 2	0.56 4	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
4413	†0.27	¹²⁰ I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
4413 3	0.043 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4413.4 3	0.37 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4414.0 13	1.05 8	³⁰ Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
4415.7 5	8.3 15	¹³² In(0.201 s)	374.3(62), 4040.8(61), 299.2(49)
4418.2 4	0.234 24	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4420.5	0.18	⁹⁵ Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
4420.7 10	0.005 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4420.75 15	0.552 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
4424.7 6	0.008 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4427.8 5	0.013 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4427.9 9	1.3 3	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
4431.7 4	0.045 6	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
4433.6 5	†7.7 8	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
4433.8 4	0.19 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4434.5 30	0.008 8	⁷⁰ As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
4435.0 9	0.9 3	³² Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
4435.9 20	1.0 4	⁸⁴ As(5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)
4436.4 10	0.052 15	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
4436.8 6	0.070 13	⁹¹ Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
4437	0.007 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
4438.03		¹² B(20.20 ms)	3214.83
4438.03	†100 11	¹² N(11.000 ms)	3214.83(†55)
4438.03	0.56	¹³ O(8.58 ms)	
4440.2	8.0 5	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
4441.3 3	0.28 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4443.4 3	0.78 6	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
4443.93	100	¹¹ Be(13.81 s)	2124.473(100), 7282.92(87.0), 5019.08(85.6)
4445.8 15	0.027 5	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
4446 1	0.079 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4446.8 13	0.39 12	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
4448.1 12	0.010 4	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4450.2 2	8.9 5	⁹⁶ Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
4453.1 4	0.145 17	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4453.8 7	0.027 4	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4454 3	0.065 14	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4454.07 21	1.18 8	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
4454.3 10	0.74 4	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
4455 3	0.0067 22	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
4458.5 12	1.31 23	⁷⁸ Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
4461.4 4	0.077 10	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4462.10 14	0.844 11	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
4463.1 6	0.002 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4463.4 9	0.588 22	¹³⁵ Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
4470.2 4	0.19 3	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
4470.4 2	0.81 6	⁸¹ Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
4471.5 6	0.006 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
4473.3 5	0.007 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4473.8 3	0.133 13	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
4475 2	0.0039 10	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
4477.8 3	0.019 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4478.3 9	0.014 4	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4481.2 6	0.059 10	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4486.9 10	0.19 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
4487.00 20	2.76 20	¹³¹ In(0.282 s)	2434.03(90), 3989.75(2.66), 1654.6(1.3)
4489.2 8	0.135 12	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4489.4 8	0.0036 11	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4492 3	0.0059 22	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
4492.7 3	0.41 4	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4493	>0.06	⁴⁹ Ca(8.715 m)	3084.4(92), 4071.9(7.0), 1408.9(0.63)
4494.0 7	0.040 8	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
4494.2 6	0.084 16	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4495.1 5	1.20 19	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4495.1 4	0.33 5	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
4496.1 3	0.162 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
4496.78 8	11.0 3	²⁸ P(270.3 ms)	1778.969(97.5), 7535.80(8.5), 6808.79(3.33)
4500.8 10	0.025 11	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4501.6 3	0.88 8	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4501.9 6	0.0059 15	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4502.6 6	0.032 5	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4507.3 5	3.7 9	⁴⁶ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
4508.2 12	0.63 17	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
4510.4 4	0.31 4	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4512.4 7	0.0110 21	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
4515.2 5	0.084 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
4516.9 4	0.46 5	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4517.5 5	0.008 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4519.1 10	0.015 7	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
4523.6 7	0.04 1	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
4523.96 20	0.29 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4525	0.0105 3	²¹ F(4.158 s)	350.72(99), 1396(17.0), 1745.5(0.855)
4527.9	1.3 4	³⁵ K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
4528.7 4	0.41 5	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
4531.0 15	0.035 18	⁵⁸ Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
4531 2	0.007	¹⁵⁰ Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
4533.8 3	0.068 7	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4536	>0.006	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
4536.9 5	0.019 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4537.2 10	0.035 14	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4538.0 20	0.13 6	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
4539.3 10	0.069 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4541.2 14	0.0077 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
4543.3 6	0.0074 15	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4544.1 5	0.054 13	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4544.4 5	0.057 11	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
4547 3	0.0030 10	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
4547.1 5	0.015 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4548.16 20	0.120 9	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4548.7 7	0.040 8	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
4549.6 8	0.049 14	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
4552.4 8	0.047 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4554.5 6	0.017 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4555.5 9	0.03 1	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
4556.38 19	0.144 19	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
4559.9 4	0.014 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4560.0 4	†31 4	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
4562.7 10	0.0021 9	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
4562.77 15	3.15 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4564.1 5	0.029 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4564.8 7	0.065 14	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4566.6 5	0.019 2	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4566.9 15	0.0115 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
4568.9 10	0.5	⁴⁵ Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
4572	4.7 6	²¹ O(3.42 s)	1730.3(45.6), 3517(15.4), 279.9(14.8)
4572.0 7	0.04 1	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
4572.36 15	0.88 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4577.8 9	0.004 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4578.2 7	0.063 16	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4578.9 8	0.022 6	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
4581.9 17	0.11 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4584	5.3 6	²¹ O(3.42 s)	1730.3(45.6), 3517(15.4), 279.9(14.8)
4592.9 9	0.017 6	⁹¹ Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
4593.4 6	0.004 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4596.4 6	0.22 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4596.7 5	0.044 19	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4598.2 3	0.16 2	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
4599.4 3	0.46 4	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
4600 4	0.022 7	⁷⁶ Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
4604.5 7	0.35 4	¹²⁴ In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
4604.8 13	0.22 9	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
4608.9 4	0.06 1	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4609 2	0.030	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
4609.3 4	0.0093 12	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4609.8 7	0.052 14	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4610.5 4	0.34 4	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4614.4 6	†16 3	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
4614.5 16	0.0086 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
4615.4 9	0.043 14	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4616.7 5	0.07 4	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4618.8	†6	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
4618.9 4	0.083 10	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4620.77 20	0.44 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4622.3 3	0.37 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4627.0 5	0.103 14	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4631.5 8	0.028 6	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4634.8 18	1.1 2	²² F(4.23 s)	1274.53(100), 2082.5(85.1), 2165.9(67.8)
4634.9 9	0.005 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4635	1.3	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
4635.1 4	0.017 8	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4637.7 9	2.2 3	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
4640.5	0.72 8	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
4641.16	3.42 25	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
4644.58 20	0.82 7	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4645.0 9	0.043 14	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
4645.5 4	0.19 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4645.7 5	0.046 3	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4646.45 20	1.58 6	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4647.8 5	0.098 14	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4649.5 6	0.38 13	⁷⁴ Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
4650.7	0.008 5	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
4651.9	†4	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
4652 4	<0.066	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
4652.0 4	0.19 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4655.6 7	0.010 4	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4656.2 9	0.008 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4656.4 5	0.21 3	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
4661.1 5	0.19 4	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
4661.6 2	0.37 19	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4663.20 20	0.39 5	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4663.4 4	0.42 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4663.8 9	0.005 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4665.4 17	0.0115 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
4666.05	28.5 11	¹¹ Be(13.81 s)	4443.93(100), 2124.473(100), 7282.92(87.0)
4668.1 3	0.093 10	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4669.9 4	0.28 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4670.2 13	0.019 8	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4672.2 6	0.19 10	⁹³ Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
4672.9 4	0.25 3	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4676.6 4	0.19 9	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4678.6 4	0.46 4	⁸⁹ Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
4678.94 20	0.51 3	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
4680.6 7	0.0049 13	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4681.8 9	0.027 8	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4684	0.0310 10	²¹ F(4.158 s)	350.72(99), 1396(17.0), 1745.5(0.855)
4685.0 14	0.04 3	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
4685.3 6	0.008 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4685.6 12	0.008 4	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4685.8 10	0.0030 15	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4690.2 3	0.025 6	¹⁴⁶ La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
4690.5	†3.2	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
4692.9 7	0.087 17	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
4694.7 7	0.038 11	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4695.0 5	2.7 3	³² Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
4697.0 3	0.241 17	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
4699	0.28	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
4699.3 7	0.017 10	⁹¹ Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
4699.4 6	0.10 3	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
4699.6 9	0.002 1	¹⁴⁵ Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
4699.6 2	1.4 3	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4700 50	0.017 8	⁷⁰ As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
4701.5 9	0.010 4	⁸⁹ Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
4703.8	†3.2	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
4706.0 10	0.11 6	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4707.8 5	0.32 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4710.23 20	0.39 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4711.1 4	0.053 13	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
4712 2	0.017	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
4713.6	9 3	³⁸ P(0.64 s)	1292.0(89), 2224.3(20), 3516.2(12)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
4713.7 3	0.391 19	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4719.1	†3.2	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
4720.0 4	0.050 6	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
4721.89 16	1.76 13	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4723.0 14	†4.1 24	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
4725.5	0.61 25	³⁵ K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
4725.60 11	0.276 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
4726.1 7	0.11 3	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
4728.1 10	0.051 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4729.6 8	†8.7 24	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
4729.9 3	0.33 3	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
4730.4 11	0.016 7	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4734.44 20	0.24 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4737.4 8	0.0106 19	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
4737.44 22	0.207 19	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
4738.2 2	0.21 6	⁴⁹ Ca(8.715 m)	3084.4(92), 4071.9(7.0), 1408.9(0.63)
4738.4 11	0.016 7	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4739.1 5	0.107 13	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
4742.42 8	0.143 6	⁸⁶ Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
4745.4 27	0.0048 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
4746	0.00037 10	³³ Cl(2.511 s)	840.989(0.524), 1967.12(0.458), 2867.59(0.440)
4749 5	>0.022	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
4749.9 8	0.10 5	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4750.3 10	0.0042 15	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4752.57 20	0.32 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4752.7 4	0.084 6	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
4758.0 5	0.010 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4759	0.44 16	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
4759.0 12	0.008 5	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
4759.6 10	0.0035 18	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4762.3 5	0.26 4	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
4768.7	0.47 8	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
4770.43 20	0.26 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4770.6 5	0.33 5	¹³¹ In(0.282 s)	2434.03(90), 4487.00(2.76), 3989.75(2.66)
4771.8 11	20.5 2	³² Cl(298 ms)	2230.2(71.6), 2464.9(4.1), 1547.9(3.5)
4772.0 8	†12 3	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
4772.3 8	0.074 15	¹³⁵ Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
4775.0 10	0.0035 18	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4777.4	†11	¹⁴⁷ Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
4784.32 15	1.8 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4784.7 6	0.010 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4785.4	1.0 4	³⁵ K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
4787.4 4	0.22 4	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
4790.2 7	0.045 11	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4797.0 6	0.13 4	¹²⁶ In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
4802.5 13	0.0034 13	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4803.4 4	0.10 2	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
4806.6 2	1.84 3	⁶⁶ Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
4807.8 4	0.15 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4808.5 11	0.8 4	³¹ Mg(230 ms)	1613.0(36), 946.8(31.5), 1626.1(24.8)
4809.3 15	1.1 5	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
4811.4 5	0.18 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
4812.2 8	0.026 7	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4815.4 2	†0.0025 4	⁵² Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1530.67(†0.0478)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
4822.8 6	0.07 4	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4824.8 4	0.14 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4829.8 8	0.0038 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4833.8	0.30 6	²⁶ Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
4835.9 11	1.0 3	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
4836.15 20	0.22 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4839.2 8	0.024 5	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
4841.6 7	†7.9 10	⁸³ Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
4843.1 16	0.009 3	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
4843.1 5	0.17 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
4851.0 9	0.07 4	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
4851.6 4	0.60 4	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4852.882 24	0.0090 13	⁸⁶ Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
4856.1 6	0.54 10	⁴⁸ Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
4862.7 13	0.017 7	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4864.4 6	†7.8 20	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
4865.79	0.162 6	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
4871.90 15	0.45 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4873.4 9	†6 3	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
4875.1 3	0.176 14	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4877.76 25	0.069 13	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
4880	1.5	⁵⁰ K(472 ms)	1027(9.1), 4030(2.6), 3005(1.3)
4880.5 3	0.014 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4884.2 13	0.042 17	³² Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
4886.0 12	0.44 25	⁸⁴ As(5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)
4889.3 5	0.082 20	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4889.3 4	†48 7	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
4890.0 8	0.026 5	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4891.1 8	0.038 8	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4892.3 8	0.003 3	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
4895.1 7	0.031 5	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
4896.1	0.34 7	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
4896.8 10	0.027 8	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4899.0 9	0.005 2	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
4899.4 5	0.049 7	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4905 4	<0.001	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
4910.8 25	0.0058 19	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
4914.0 10	0.009 5	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
4917.6 11	0.13 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4919.0 4	0.054 6	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4922.6 11	1.09 20	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
4925.6 7	0.18 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4929.0 9	0.022 4	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
4929.4 3	0.114 12	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
4934.8 7	0.025 6	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4937.1 12	0.013 5	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4937.5 10	0.011 4	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
4945.9 7	1.42 25	⁸⁴ As(5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)
4947 5	0.0020 10	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
4947.5 6	0.070 12	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4950.5 9	0.16 5	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
4953.6 6	2.0 6	²⁹ S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
4953.9 11	0.037 9	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4954.9 8	0.038 6	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
4955.5 14	0.011 5	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4958.9 13	0.54 7	³² Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
4961.54 15	2.0 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4965.85 20	0.00005 2	²⁰ F(11.00 s)	1633.602(100), 3332.54(0.0082)
4965.85 20	0.00022 8	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
4965.85 20	0.0040 20	²¹ Mg(122 ms)	1633.602(9.0), 2613.8(0.87), 3332.54(0.66)
4966.3 8	6.8 4	³⁰ Na(48 ms)	1482.1(42), 1978.1(10.4), 985.0(6.1)
4971.8 6	0.033 7	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
4973.9 3	0.101 6	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
4974.14 25	0.146 11	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
4975.9 9	0.07 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
4977.6 10	0.14 5	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
4985.64 16	1.95 6	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
4987 5	0.0030 10	¹¹⁴ Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
4993.6 13	0.012 5	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
4994.0 5	0.26 4	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
4996.2 11	0.07 3	⁹⁰ Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
4996.8 5	0.050 9	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
5003.0 5	0.054 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5004.8 4	0.118 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
5006.2 9	0.021 5	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
5007.7 9	0.017 6	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
5017.0 3	0.087 9	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
5019.08	85.6 6	¹¹ Be(13.81 s)	4443.93(100), 2124.473(100), 7282.92(87.0)
5019.93 15	1.51 6	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5020.3 20	0.10 5	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
5021.1 5	5.3 3	³⁰ Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
5021.5 3	0.16 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5025.3	0.0017 12	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
5028.2 12	0.013 5	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
5033.7 6	0.046 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5044.5 3	0.44 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5048 3	0.0018 9	⁶⁰ Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
5049.4 22	0.016 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5059.53 20	0.28 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5062.01	0.036 13	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
5070.2 3	0.101 8	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
5076.08 20	0.19 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5079.1 10	0.12	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
5086.2 12	0.9 4	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
5086.2 7	0.09 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
5087.7 10	0.9 4	⁸⁴ As(5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)
5088.4 5	0.25 6	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5088.7 4	0.088 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5091.2 6	†12 3	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
5093.4 7	3.11 21	³⁰ Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
5098.6 10	0.12	¹⁴⁹ Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
5103.39 20	0.43 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5108.8 5	0.050 3	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
5112.70 25	0.144 19	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
5120.23 20	0.53 5	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5124.3 6	0.08 2	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
5128.9 11	†9 3	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
5132.2 20	0.0021 11	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
5132.9 ₃₄	0.0067 ₁₉	¹¹² Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
5135.92 ₂₀	0.16 ₂	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5137.9 ₁₀	0.09 ₃	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
5148.8 ₁₂	0.0033 ₁₁	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
5150.1 ₃	0.52 ₃	¹³³ Sn(1.44 s)	962.18(12.0), 5612.3(0.44), 4598.2(0.16)
5151.0 ₁₀	1.0 ₄	⁸⁴ As(5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)
5154.0 ₅	0.11 ₄	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
5154.6 ₁₀	0.023 ₇	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
5154.9 ₆	0.04 ₁	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5160 ₃	0.50 ₃	⁴⁶ K(105 s)	1346.0(100), 1228.7(6.4), 1675(3.5)
5161.95	0.064 ₄	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
5164.8 ₁₁	0.019 ₇	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
5166.6 ₁₆	0.016 ₉	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5167.3 ₁₀	0.13 ₆	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
5168.9	0.30 ₇	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
5170.2 ₈	0.0058 ₁₅	¹³⁷ I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
5177.47	0.98 ₁₀	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
5180.40 ₁₃	0.357 ₁₉	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
5183.2 ₃	0.18 ₂	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5187.0 ₄	†23 ₄	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
5187.44 ₂₃	0.82 ₃	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
5188.1 ₈	2.5 ₄	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
5190 ₃₀	>0.017	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
5195.02 ₂₀	0.53 ₅	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5197.40 ₂₀	0.95 ₆	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5200.84 ₂₀	0.55 ₄	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5202.2 ₅	0.44 ₁₉	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5207.6	0.31 ₇	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
5212.4 ₅	0.64 ₆	⁸⁶ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5214.3 ₃	0.21 ₂	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5215.1 ₁₀	1.1 ₄	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
5217.5 ₁₁	0.027 ₉	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
5221.6 ₅	0.30 ₅	⁹⁰ Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
5228.3 ₆	0.0129 ₂₁	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5229.4 ₅	0.14 ₄	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
5232.7 ₁₀	0.12 ₆	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
5243.85 ₁₂	0.483 ₁₉	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
5245.4 ₃	0.18 ₂	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5248.7 ₁₂	1.1 ₃	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
5254.27 ₂₅	0.162 ₁₁	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
5255.4 ₉	†13 ₃	¹³⁶ I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
5259.3 ₅	0.032 ₁₉	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5259.6 ₁₂	0.015 ₃	¹⁸ N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
5261.1 ₄	0.062 ₁₁	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
5269.161 ₁₄	0.0037 ₉	¹⁵ C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
5271.2	0.50 ₁₅	²⁶ Na(30.5 ms)	1473.3(37), 2389.1(18.7), 3087.2(2.6)
5271.8 ₆	0.0143 ₂₁	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5281.5 ₉	0.011 ₄	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5295.7 ₅	0.72 ₄	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5297.817 ₁₄	63.2 ₈	¹⁵ C(2.449 s)	8310.15(0.032), 9046.78(0.031), 7298.92(0.0095)
5297.9 ₁₅	0.011 ₄	⁹³ Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
5298.4 ₂	0.378 ₁₉	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5299.5 ₉	0.012 ₄	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
5301.7 ₁₃	0.8 ₃	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
5303.2 10	0.04 2	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
5306.3	<0.040	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
5310.30	>0.009	⁶⁴ Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
5318.4 9	0.024 9	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5320.9 3	0.073 13	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
5323.0 20	0.13 4	¹³¹ In(0.282 s)	2434.03(90), 4487.00(2.76), 3989.75(2.66)
5329.7 6	0.078 11	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
5332.70 22	0.314 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
5333.01 24	0.302 14	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
5340.0 3	0.14 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5340.14	0.115 13	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
5341.6 5	0.123 17	¹³⁸ I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
5354.9 2	0.195 16	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
5357.6 10	0.16 16	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
5362.5 12	0.024 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5366.3	0.54 7	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
5369.46 22	0.107 13	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
5369.9 3	0.14 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5374.13 14	0.011 4	¹⁴² Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
5375.9 5	0.12 2	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
5376.6 15	0.6 3	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
5382.9 3	0.15 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5387.8 2	1.10 5	⁸⁰ Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
5392.68	18.3 18	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
5395.3 10	0.024 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5396.7 9	0.030 7	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
5406.16 20	0.21 5	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5406.8 6	4.6 6	⁸⁶ Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
5409.0 7	0.040 7	⁹³ Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
5412.1 7	2.69 17	³⁰ Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
5419.7 5	0.047 15	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5420.0 15	0.16 8	⁹⁶ Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
5424.0 9	0.029 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5439.7 9	0.010 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5442.5 7	0.0101 14	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5452.1 7	0.07 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
5454.7 3	0.19 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5456.3 5	0.64 4	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5473.56 20	0.38 3	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5479.1 3	0.32 6	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5484.2 9	0.08 4	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
5497.7 13	0.83 23	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
5502.0 8	0.0122 19	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5503.2 5	0.025 19	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5519.2 9	2.8 3	⁸⁶ Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
5529.28 22	0.182 19	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
5538.7 6	0.0106 16	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5546.5 6	0.033 5	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5548.3 8	1.6 2	³² Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
5551.4 6	0.045 6	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5558.5 5	0.12 2	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
5560.1	0.0029 23	⁴⁴ K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
5561.7 9	0.022 7	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5567.50 20	0.257 25	⁷⁸ Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
5572.23	3.1 8	³⁵ K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
5573.7 17	0.8 5	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
5573.7 8	0.0061 12	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5584.2 11	1.7 3	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
5588.6 10	0.015 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5600.1 5	0.023 4	⁹⁰ Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
5601.3 6	0.034 4	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5601.9 5	0.07 3	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
5606.2 5	0.049 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5607.4 4	0.252 25	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5608.0 4	0.15 3	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
5612.3 5	0.44 3	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 4598.2(0.16)
5620.6 17	0.0047 8	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
5624 5	0.0026 18	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
5632.2 10	2.0 3	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
5635.0 5	0.040 5	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5648.6 9	0.006 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5649.3 6	0.13 1	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
5672.1 4	0.039 4	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5684.7 5	0.12 4	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
5685.4 3	0.11 1	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5698.6 4	0.018 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5714.7 9	0.011 2	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5718.9 8	0.024 3	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5720 3	0.017 10	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5738.6	0.36 6	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
5739.4 14	0.7 3	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
5764.1 4	0.44 3	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5782.9 8	0.0038 9	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5788.0 5	2.6 3	¹⁸ N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
5793.3 4	0.068 9	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5800.5 4	0.13 3	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
5804.3 7	0.0089 14	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5807.9 10	0.05 3	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
5821 5	0.009 6	⁸⁷ Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
5838.1 10	0.0063 14	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5847.3 6	0.0148 23	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5851.48	53.2 12	¹¹ Be(13.81 s)	4443.93(100), 2124.473(100), 7282.92(87.0)
5870.7 12	0.027 20	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
5879.4 15	0.7 3	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
5879.9	3.9 3	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
5881.0 8	0.05 1	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
5900.6 14	0.9 3	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
5914.9 8	0.0132 23	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5915.7 5	0.107 25	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5934.4 6	0.029 4	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
5934.9 5	0.239 25	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5942.8 5	0.050 25	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
5955 4	5.7 4	²⁹ S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
5955.4 3	0.39	¹¹ Li(8.5 ms)	3367.4(35), 2811(2.8), 219.4(1.6)
5968.4 10	0.014 12	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
5971.9 6	0.05 1	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
5979.57	0.093 9	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
5982.5 5	0.43 3	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
6004.1 15	0.59 20	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
6012.9 10	0.015 12	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
6019.28 10	1.75 8	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
6030.0 15	0.79 23	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
6033.8 5	0.082 19	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
6052.8 5	0.053 13	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
6053.1	0.32 5	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
6059.7 10	0.032 8	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
6071.0 5	0.05 3	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
6092.4 2	86 3	¹⁴ B(13.8 ms)	6726.5(8.6), 1248(<5.6), 613(<3.8)
6093.3 6	0.08 1	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
6104.2 6	0.13 3	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
6111.9 6	0.09 1	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
6114.4 7	0.067 20	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
6114.8 15	0.8 3	⁹² Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
6123.2 8	0.040 8	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
6126.3 5	0.09 3	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
6128.63 4	67.0 6	¹⁶ N(7.13 s)	7115.15(4.9), 2741.5(0.82), 2822.2(0.13)
6141.6 14	0.0035 12	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
6153.69 11	0.112 10	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
6161.7	0.031 11	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
6161.8 20	0.07 4	⁸⁶ Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
6169.3 10	0.039 8	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
6169.7 8	0.014 4	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
6197.1 4	1.24 18	¹⁶ N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
6199.9 13	0.011 5	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
6210.7 13	0.58 13	⁸⁶ Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
6231.4 11	0.0082 14	⁹⁶ Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
6231.5 5	0.032 19	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
6246.92	0.54 4	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
6253.3 8	0.033 10	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
6315.3 8	0.08 1	¹³³ Sn(1.44 s)	962.18(12.0), 5150.1(0.52), 5612.3(0.44)
6322.35 2	0.0055 20	¹⁵ C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
6338.5	0.24 4	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
6346.9 15	0.017 9	⁹⁴ Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
6408.5 12	0.019 7	¹³⁶ I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
6424 4	10.0 4	²⁹ S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
6475.4	0.158 24	⁴⁰ Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
6478.90 11	0.385 8	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
6584.5	0.16 6	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
6610.5	6.6 5	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
6613.7	13.3 8	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
6635 4	<0.004	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
6722 3	0.045	⁸⁶ Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
6726.5 13	8.6 16	¹⁴ B(13.8 ms)	6092.4(86), 1248(<5.6), 613(<3.8)
6729	0.45 6	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
6768.9 15	0.10 3	⁸⁶ Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
6789.55	67.5 11	¹¹ Be(13.81 s)	4443.93(100), 2124.473(100), 7282.92(87.0)
6808.79 11	3.33 11	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
6847 2	0.00018 4	⁵⁵ Cr(3.497 m)	1528.3(0.037), 2252.4(0.0031), 125.95(0.00174)
6866.2	0.090 25	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
6915.5 6	0.038 6	¹⁶ N(7.13 s)	6128.63(67.0), 7115.15(4.9), 2741.5(0.82)
6994 4	2.8 4	²⁹ S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
7000.0 6	0.277 19	⁸⁸ Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)

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

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ -rays: $E_\gamma(I_\gamma)$
7069.50	43.0 13	²⁴ Al(2.053 s)	1368.633(96.0), 2754.028(41.2), 5392.68(18.3)
7114.1 13	0.015 7	³² Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
7115.15 14	4.9 4	¹⁶ N(7.13 s)	6128.63(67.0), 2741.5(0.82), 2822.2(0.13)
7177.6	0.38 5	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
7188.8 13	0.36 7	³² Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
7282.92	87.0 20	¹¹ Be(13.81 s)	4443.93(100), 2124.473(100), 5019.08(85.6)
7298.92 2	0.0095 10	¹⁵ C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
7300.9	2.4 6	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
7339 3	<1.9	¹⁴ B(13.8 ms)	6092.4(86), 6726.5(8.6), 1248(<5.6)
7347.83	0.153 16	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
7400	0.211 16	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
7415.20 10	0.21 6	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
7532 1	0.131 25	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
7535.80 11	8.5 3	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 6808.79(3.33)
7545 3	0.094 20	¹³ B(17.36 ms)	3683.921(7.6), 3089.049(<0.7), 3853.170(<0.5)
7601.41 13	0.55 3	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
7615.17	0.224 15	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
7651		⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
7708.6	0.172 25	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
7930.86	1.34 10	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
7932.24 11	2.15 11	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
7969.5	0.127 20	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
7974.74	46.2 11	¹¹ Be(13.81 s)	4443.93(100), 2124.473(100), 7282.92(87.0)
8015.68 15	0.040 6	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
8087.65	0.020 10	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
8131.7	0.053 16	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
8146.04	0.028 7	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
8237 4	0.017 11	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
8257.43 11	0.052 6	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
8310.15 3	0.032 4	¹⁵ C(2.449 s)	5297.817(63.2), 9046.78(0.031), 7298.92(0.0095)
8383	0.38	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
8428.6 3	0.029 4	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
8466	0.2	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
8530	0.17	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
8568.77 12	0.0043 7	¹⁵ C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
8597.5	0.6 1	²⁴ Al(131.3 ms)	1368.633(5.3), 9965.6(1.6), 4237.96(0.3)
8638 3	<2.59	²⁰ Na(447.9 ms)	1633.602(79.3), 2852(<0.210), 11258.9(0.171)
8688.7	0.2 1	²⁴ Al(131.3 ms)	1368.633(5.3), 9965.6(1.6), 8597.5(0.6)
8857 20	0.16 3	¹³ B(17.36 ms)	3683.921(7.6), 3089.049(<0.7), 3853.170(<0.5)
8869.3 5	0.076 10	¹⁶ N(7.13 s)	6128.63(67.0), 7115.15(4.9), 2741.5(0.82)
8887.50 14	0.086 8	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
8966	0.11	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
9046.78 7	0.031 3	¹⁵ C(2.449 s)	5297.817(63.2), 8310.15(0.032), 7298.92(0.0095)
9218.8 12	0.049 12	³⁶ K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
9248 3	<0.013	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
9300	0.46	⁴⁸ K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
9379.86 12	0.0202 25	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
9450.1	0.110 20	²⁴ Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
9477.76 12	<0.11	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
9626.1 19	0.032 11	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
9794.11 15	0.013 3	²⁸ P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
9826.2	0.2 1	²⁴ Al(131.3 ms)	1368.633(5.3), 9965.6(1.6), 8597.5(0.6)
9870 4	<0.0001	²⁰ Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
9893 5	0.022 7	¹³ B(17.36 ms)	3683.921(7.6), 3089.049(<0.7), 3853.170(<0.5)

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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: $E_\gamma(I_\gamma)$
9943.3	0.027 6	$^{24}\text{Al}(2.053 \text{ s})$	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
9965.6	1.6 2	$^{24}\text{Al}(131.3 \text{ ms})$	1368.633(5.3), 8597.5(0.6), 4237.96(0.3)
10271 3	<0.023	$^{20}\text{Na}(447.9 \text{ ms})$	1633.602(79.3), 8638(<2.59), 2852(<0.210)
11258.9 19	0.171 24	$^{20}\text{Na}(447.9 \text{ ms})$	1633.602(79.3), 8638(<2.59), 2852(<0.210)

• $t_{1/2} > 1 \text{ d}$