YIELD OF NEAR ZERO ENERGY ELECTRONS FROM RADIOACTIVE SOURCES OF DIFFERENT THICKNESS

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For the purpose of study the near zero energy electron e_0 yield dependence on source thickness for different mode of radioactive decay (β-decay, electron capture, internal conversion) ^{152}Eu isotopes were investigated by (eγ)-coincidence method. It was shown that surface layer of radioactive atoms takes main part in e_0-electron formation. The nature of this fenomen is discussed.