^{224}U

The 1991 observation of ^{224}U by Andreyev et al. was reported in "Production cross sections and decay properties of new α emitters: ^{223,224}U" (1991An13). ^{20}Ne from the cyclotron of JINR, Dubna irradiated a ^{208}Pb target. Evaporation residues were separated by the electrostatic separator VASSILISSA, passed through time-of-flight detectors, and implanted into a passivated ion implanted silicon detector. "For ^{224}U the α-line at E_α=(8470$\pm$15) keV and $T_{1/2}=0.7^{+0.5}_{-0.2}$ ms was observed."

Adapted from reference (2013Fr03)

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