^{232}Am

Kuznetsov and Skobelev from Dubna identified ^{232}Am in the 1967 paper "Investigation of 1.4-minute fissioning product in the Th^{230} + B^{10} reaction" (1967Ku15). ^{230}Th was irradiated with a ^{10}B beam forming ^{232}Am in the (8n) fusion-evaporation reaction. The excitation function for spontaneous fission events were measured. "Estimates of the maximum of the excitation function half-width ($\sim$14 MeV) lead to the likely assumption that the 1.4-minute spontaneously-fissioning product is the result of the evaporation reaction $Th^{230}(B^{10},8n)^{232}$Am,..." The authors had reported this half-life previously without a mass assignment (1967Ku17).

Adapted from reference (2013Fr02)

1967Ku15 V. I. Kuznetsov and N. K. Skobelev, Soviet J. Nucl. Phys. **5**, 810 (1967).

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