^{157}Tm

Putaux et al. reported the observation of ^{157}Tm in the 1974 paper "On-line separation of thulium isotopes" (1974Pu03). Erbium targets were irradiated with 157 MeV protons from the Orsay synchrocyclotron and ^{157}Tm was produced in (p,xn) reactions. Residues were separated with the on-line ISOCELE separator and γ-ray spectra were measured with a Ge(Li) detector. "Some short-life gamma radiations are attributed to ^{157}Tm. We measured the half-life of ^{157}Tm with two well separated γ-rays (110.3 keV and 241.6 keV) and we propose the half-life (200$\pm$25) s."

Adapted from reference (2013Fr10)

1974Pu03 J. C. Putaux, J. Obert, and P. Aguer, Nucl. Instrum. Methods **121**, 615 (1974).

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