^{173}Tm

Kuroyanagi et al. observed ^{173}Tm in 1961 as reported in "New activities in rare earth region produced by the (γ,p) reactions" (1961Ku10). Ytterbium oxide powder was irradiated with γ-rays at the Tohoku 25 MeV betatron. Decay curves were measured with a beta ray analyzer or an end-window G-M counter and β-ray spectra were recorded with a plastic scintillator. "The 7.2-h activity is assigned to Tm^{173} from its decay properties and the (γ,p) yield ratios to such well known activity as Tm^{172}."

Adapted from reference (2013Fr10)

1961Ku10 T. Kuroyanagi, H. Yuta, K. Takahashi, and H. Morinaga, J. Phys. Soc. Jap. **16**, 2393 (1961).

2013Fr10 C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 520 (2013).

Please cite this abstract as: "FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:10.11578/frib/2279152"