

¹⁶⁹Ho

Miyano and Koryanagi reported the discovery of ¹⁶⁹Ho in the 1963 paper “The new nuclide holmium-169” (1963Mi17). Erbium oxide targets enriched in ¹⁷⁰Er were irradiated with bremsstrahlung γ -rays produced with the JAERI electron linear accelerator and ¹⁶⁹Ho was produced by the (γ ,p) reactions. Gamma- and beta-ray spectra were measured with a scintillation spectrometer and an anthracene crystal, respectively. “Holmium-169 was produced from the ¹⁷⁰Er(γ ,p) reaction with 21 MeV bremsstrahlung... The half life of this new nuclide was determined to be $T_{1/2} = 4.8 \pm 0.1$ min.” Adapted from reference (2013Fr10)

1963Mi17 K. Miyano and T. Kuroyanagi, Nucl. Phys. **49**, 315 (1963).
2013Fr10 C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 520 (2013).

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