

¹⁶⁷Yb

In “Ytterbium-167” Handley and Olson reported their 1954 discovery of ¹⁶⁷Yb ([1954Ha16](#)). Tm₂O₃ was irradiated with 24 MeV protons from the ORNL 86-in. cyclotron. Decay curves were measured with a GM tube and γ -ray spectra were recorded with a NaI(Tl) scintillation spectrometer following chemical separation. “Analysis of the Yb peak by decay curves and gamma spectra reveals three components: 18.5-minute Yb¹⁶⁷, 33-day Yb¹⁶⁹, and 9.4-day Tm¹⁶⁷.”

Adapted from reference ([2013Fr10](#))

[1954Ha16](#) T. H. Handley and E. L. Olson, Phys. Rev. **94**, 968 (1954).

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

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