

^{160}Ho

Wilkinson and Hicks published the observation of ^{160}Ho in the 1950 paper “Radioactive isotopes of the rare earths. III. Terbium and holmium isotopes” (1950Wi13). Terbium targets were bombarded with 38 MeV α -particles from the Berkeley 60-in. cyclotron. Electrons, positrons, γ -rays and X-rays were measured following chemical separation. “ 22.5 ± 0.5 -min Ho^{160} : This activity was observed only in short 38-Mev α -particle bombardments of terbium together with the 4.6-hr. and 65-day activities.” Other holmium assignments reported by Wilkinson and Hicks were subsequently shown to be incorrect by Handley in 1954 (1954Ha19), however, Handley confirmed the assignment of ^{160}Ho (1954Ha19).

Adapted from reference (2013Fr10)

- 1950Wi13 G. Wilkinson and H. G. Hicks, Phys. Rev. **79**, 815 (1950).
1954Ha19 T. H. Handley, Phys. Rev. **94**, 945 (1954).
2013Fr10 C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 520 (2013).

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