

¹⁸⁸Ir

The discovery of ¹⁸⁸Ir was reported in the 1950 paper “New radioactive isotopes of iridium” by Chu ([1950Ch11](#)). Natural and enriched rhenium targets were bombarded with 38 MeV helium ions from the Berkeley Crocker 60-inch cyclotron. Decay curves and absorption spectra were measured with “end on” type argon-ethanol filled Geiger counters. “41.5-Hr Ir¹⁸⁸: This isotope was produced both from α -bombardment on rhenium and from deuteron bombardment on osmium. A study of its yield from natural rhenium targets justifies postulating its formation by an (α ,n) reaction on Re¹⁸⁵ and an (α ,3n) reaction on Re¹⁸⁷.”

Adapted from reference ([2012Ro36](#))

[1950Ch11](#) T. C. Chu, Phys. Rev. **79**, 582 (1950).

[2012Ro36](#) R. Robinson and M. Thoennessen, At. Data Nucl. Data Tables **98**, 911 (2012).

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