

¹⁷⁴Hf

Dempster described the discovery of ¹⁷⁴Hf in the 1939 paper “Isotopic constitution of hafnium, yttrium, lutetium and tantalum” ([1939De02](#)). Hafnium in the form of doubly charged ions was studied with the Chicago mass spectrometer. “In addition to the five isotopes reported by Aston, at 180, 179, 178, 177, and 176, a new isotope was found at 174 on six photographs.”

Adapted from reference ([2012Gr19](#))

[1939De02](#) A. J. Dempster, Phys. Rev. **55**, 794 (1939).

[2012Gr19](#) J. L. Gross and M. Thoennessen, At. Data Nucl. Data Tables **98**, 983 (2012).

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