

^{183}W

Aston identified the stable tungsten isotope ^{183}W in 1930 at the Cavendish Laboratory in Cambridge as reported in “Constitution of Tungsten” ([1930As03](#)). The observation was “made possible by the preparation of the volatile carbonyl, $\text{W}(\text{CO})_6$, by Dr. A. v. Grosse, of Berlin. It was to be expected from the greater atomic weight that the photographic effect would be feeble, and only by means of very sensitive plates were lines of satisfactory intensity obtained.”

Adapted from reference ([2010Fr08](#))

[1930As03](#) F. W. Aston, *Nature* **126**, 913 (1930).

[2010Fr08](#) A. Fritsch, J. Q. Ginepro, M. Heim, A. Schuh *et al.*, *At. Data Nucl. Data Tables* **96**, 315 (2010).

Please cite this abstract as: “FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:[10.11578/frib/2279152](https://doi.org/10.11578/frib/2279152)”