

¹⁸⁷Re

Aston reported the discovery of ¹⁸⁷Re in the 1931 article: “Constitution of rhenium” ([1931As02](#)). ¹⁸⁷Re was observed by chemical volatilization of a sample of rhenium in the Cavendish mass spectrometer. “Rhenium consists of two isotopes, 185, 187, as was expected from the general rule that complex elements of odd atomic number (above 9) consist of two odd mass numbers two units apart, but it is the first element analysed in which the heavier isotope is the more abundant.”

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

[1931As02](#) F. W. Aston, *Nature* **127**, 591 (1931).

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

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)”