

## $^{174}\text{Yb}$

In 1934, Aston reported the first observation of  $^{174}\text{Yb}$  in “Constitution of Dysprosium, Holmium, Erbium, Thulium, Ytterbium and Lutecium” ([1934As02](#)). Rare earth elements were analyzed with the Cavendish mass spectrograph. “Ytterbium (70) appears to contain mass numbers 171,172,173, 174, 176, of which 174 is the strongest.”

Adapted from reference ([2013Fr10](#))

[1934As02](#) F. W. Aston, *Nature* **133**, 327 (1934).

[2013Fr10](#) C. Fry and M. Thoennessen, *At. Data Nucl. Data Tables* **99**, 520 (2013).

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)”