

^{142}Nd

In 1924, Aston identified ^{142}Nd in “The Mass Spectra of Zirconium and Some Other Elements” (1924As04). The Cavendish laboratory mass spectrograph was used to separate accelerated anode rays and identify their mass. “Further experiments with neodymium (at. wt. 144.27) establish its principle isotopes as 142, 144, 146, with a possible (145).”

Adapted from reference (2012Gr02)

1924As04 F. W. Aston, *Nature* **114**, 273 (1924).

2012Gr02 J. L. Gross, J. Claes, J. Kathawa, and M. Thoennessen, *At. Data Nucl. Data Tables* **98**, 75 (2012).

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