

## <sup>148</sup>Nd

<sup>148</sup>Nd was first identified by Dempster at the Ryerson Physical Laboratory of the University of Chicago in 1937 as reported in “Isotopic Constitution of Neodymium” (1937De05). <sup>148</sup>Nd was identified in the mass spectrum produced by a spark between neodymium electrodes. “I have recently analyzed the ions from a spark between fairly pure neodymium electrodes, and find that the masses at 148 and 150 belong to this element.” Dempster had previously observed lines at 148 and 150 (1935De09) but was unable to assign the element. Aston subsequently had suggested that these line belong to neodymium (1936As01).

Adapted from reference (2012Gr02)

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