^{156}Nd

In 1987, Greenwood et al. identified ^{156}Nd in the paper entitled "Identification of New Neutron-Rich Rare-Earth Isotopes Produced in ^{252}Cf Fission" (1987Gr12). Spontaneous fission fragments from a ^{252}Cf source were measured with the isotope separation on line (ISOL) system at the Idaho National Engineering Laboratory. ^{156}Nd was identified by mass separation and the measurement of K x-rays. "The half-life value for ^{156}Nd was obtained as an average of individual measurements involving the Pm K x rays and the 84.8- and 150.7-keV γ rays which we can definitely associate with this decay at this time."

Adapted from reference (2012Gr02)

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