

¹²⁸In

In 1975, the first identification of ¹²⁸In was reported by Aleklett et al. “Beta-Decay Properties of Strongly Neutron-Rich Nuclei” (1975A111). The isotopes were produced by thermal-neutron induced fission of ²³⁵U and identified using Studsvik’s OSIRIS separator. In Table 2 listing heavy fission fragments from silver to lanthanum, ¹²⁸In is identified with half-lives as quoted from the report by Grapengiesser (1974Gr29). Grapengiesser did not uniquely assign the elements; for ¹²⁸In cadmium or indium is listed as possible element.

Adapted from reference (2011Am01)

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