

⁷⁵Cu

Reeder et al. announced the discovery of ⁷⁵Cu in 1985 as described in “Delayed neutron precursor ⁷⁵Cu” (1985Re01). Fragments from neutron-induced fission of ²³⁵U were extracted from a FEBIAD ion source at Brookhaven and ⁷⁵Cu was separated and identified with the TRISTAN on-line isotope separator facility. “A new delayed neutron precursor with a half-life of 1.3 ± 0.1 s has been observed at mass 75... Mass formula and fission yield predictions indicate that ⁷⁵Cu is the most likely precursor.”

Adapted from reference (2012Ga06)

- 1985Re01 P. L. Reeder, R. A. Warner, R. M. Liebsch, R. L. Gill, and A. Piotrowski, Phys. Rev. C **31**, 1029 (1985).
2012Ga06 K. Garofali, R. Robinson, and M. Thoennessen, At. Data Nucl. Data Tables **98**, 356 (2012).

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