

^{147}Cs

Wohn et al. reported the discovery of ^{147}Cs in 1978 in their article “Identification of ^{147}Cs and half-life determinations for Cs and Ba isotopes with A=144-147 and Rb and Sr isotopes with A=96-98” (1978Wo09). ^{147}Ba was produced and identified by neutron induced fission of ^{235}U at the On-line Separator für Thermisch Ionisierbare Spaltprodukte (OSTIS) facility of the Institut Laue-Langevin in Grenoble, France. “Half-life determinations of Rb and Cs fission products available at an on-line mass separator have been made for several neutron-rich Rb, Sr, Cs, and Ba isotopes using both β -multiscale and γ -multispectra measurements. The half-lives and rms uncertainties (in sec) are... ^{147}Cs , 0.218(009). This work provides an unambiguous identification of the new neutron-rich isotopes ^{147}Cs .”

Adapted from reference (2012Ma48)

1978Wo09 F. K. Wohn, K. D. Wunsch, H. Wollnik, R. Decker *et al.*, Phys. Rev. C **17**, 2185 (1978).

2012Ma48 E. May and M. Thoennessen, At. Data Nucl. Data Tables **98**, 960 (2012).

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