^{147}Ba

Wohn et al. reported the discovery of ^{147}Ba 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}Ba, 0.70(6)." Wohn et al. were aware of a previous work for ^{147}Ba published in a conference proceeding (1976AmZW). This work was submitted by Engler et al. to a refereed journal (1979En02) seven months later than Wohn et al.. Engler et al. claimed the first observation of ^{147}Ba although they quote the work by Wohn et al.

Adapted from reference (2010Sh20)

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