

¹⁴⁹Ba

In the 1993 article “Delayed-neutron branching ratios of precursors in the fission product region” Rudstam et al. reported the observation of ¹⁴⁹Ba ([1993Ru01](#)). ¹⁴⁹Ba was produced and identified at the OSIRIS isotope-separator online facility at the Studsvik Neutron Research Laboratory. In the large table of delayed-neutron branching ratios and half-lives the half-life of ¹⁴⁹Ba is quoted as 0.324(18) s. Warner and Reeder had reported a half-life measurement for ¹⁴⁹Ba seven years earlier in a conference proceeding ([1986Wa17](#)).

Adapted from reference ([2010Sh20](#))

- [1986Wa17](#) R. A. Warner and P. L. Reeder, *Radiat. Eff.* **94**, 27 (1986).
[1993Ru01](#) G. Rudstam, K. Aleklett, and L. Sihver, *At. Data Nucl. Data Tables* **53**, 1 (1993).
[2010Sh20](#) A. Shore, A. Fritsch, J. Q. Ginepro, M. Heim *et al.*, *At. Data Nucl. Data Tables* **96**, 749 (2010).

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