

¹⁶⁷Tb

“ β -decay half-lives of new neutron-rich isotopes ^{167,168}Tb and levels in ^{167,168}Dy” was published in 1999 by Asai et al. documenting the observation of ¹⁶⁷Tb ([1999As03](#)). A ²³⁸U target was bombarded with 20 MeV protons from the JAERI tandem accelerator. Fission fragments were separated by mass with a gas-jet coupled to a thermal ion source and identified by measuring β - and γ -ray singles and coincidences. “ β -decay half-lives of new neutron-rich isotopes ¹⁶⁷Tb and ¹⁶⁸Tb have been determined to be 19.4(27) s and 8.2(13) s, respectively.”

Adapted from reference ([2013Ma01](#))

[1999As03](#) M. Asai, S. Ichikawa, K. Tsukada, M. Sakama *et al.*, Phys. Rev. C **59**, 3060 (1999).

[2013Ma01](#) E. May and M. Thoennessen, At. Data Nucl. Data Tables **99**, 1 (2013).

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