

## <sup>116</sup>Rh

In “A study of the low-energy transitions arising from the prompt de-excitation of fission fragments,” published in 1970, Watson et al. from the University of California at Berkeley reported the first observation of <sup>116</sup>Rh ([1970Wa05](#)). Fission fragments from the spontaneous fission of <sup>252</sup>Cf were measured in coincidence with X-rays and conversion electrons. In a table, the energy (49 keV) and half-life (0.82 ns) of an excited state were identified. These values are mentioned in the ENSDF database but the level has not been placed in the level scheme ([2010B102](#)).

Adapted from reference ([2012Pa21](#))

- [1970Wa05](#) R. L. Watson, J. B. Wilhelmy, R. C. Jared, C. Ruge *et al.*, Nucl. Phys. A **141**, 449 (1970).  
[2010B102](#) J. Blachot, Nucl. Data Sheets **111**, 717 (2010).  
[2012Pa21](#) A. M. Parker and M. Thoennessen, At. Data Nucl. Data Tables **98**, 812 (2012).

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