

¹¹⁰Ru

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 in Berkeley reported the first observation of ¹¹⁰Ru ([1970Wa05](#)). Fission fragments from the spontaneous fission of ²⁵²Cf were measured in coincidence with X-rays and conversion electrons. In a table the energy (241 keV) of the first excited state with an upper half-life limit of 0.5 ns was identified correctly.

Adapted from reference ([2012Ny02](#))

[1970Wa05](#) R. L. Watson, J. B. Wilhelmy, R. C. Jared, C. Ruge *et al.*, Nucl. Phys. A **141**, 449 (1970).

[2012Ny02](#) A. Nystrom and M. Thoennessen, At. Data Nucl. Data Tables **98**, 95 (2012).

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