

^{112}Ru

Evidence for ^{112}Ru was observed by Cheifetz et al. from the University of California at Berkeley, in the 1970 paper “Experimental Information Concerning Deformation of Neutron Rich Nuclei In the $A \sim 100$ Region” ([1970Ch11](#)). Fission fragments from the spontaneous fission of ^{252}Cf were observed in coincidence with X- and γ -rays measured in Ge(Li) detectors. Several isotopes were identified and the observed γ -rays are listed in a table. For ^{112}Ru levels at 236.8 (2^+) and 645.7 (4^+), and 1062.7 keV were reported.

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

[1970Ch11](#) E. Cheifetz, R. C. Jared, S. G. Thompson, and J. B. Wilhelmy, Phys. Rev. Lett. **25**, 38 (1970).

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

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