

¹¹⁴Rh

¹¹⁴Rh was identified by Äystö et al. in the 1988 paper “Levels in ¹¹⁰Pd, ¹¹²Pd, ¹¹⁴Pd and ¹¹⁶Pd from the beta decays of the on-line mass separated Rh isotopes” (1988Ay02). ¹¹⁴Rh were produced at the University of Jyväskylä in Finland by proton-induced fission of ²³⁸U. The isotopes were separated with the IGISOL on-line isotope separator and identified by γ -ray, x-ray, and β -ray emissions. “Two different half-lives were obvious for ¹¹²Rh, whereas only one could be seen for ¹¹⁴Rh.” The measured half-life of 1.85(5) s was listed in a table and was assigned to the ground state as well as to an isomeric state.

Adapted from reference (2012Pa21)

1988Ay02 J. Aysto, C. N. Davids, J. Hattula, J. Honkanen *et al.*, Nucl. Phys. A **480**, 104 (1988).

2012Pa21 A. M. Parker and M. Thoennessen, At. Data Nucl. Data Tables **98**, 812 (2012).

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