

⁷⁴Rb

The 1977 paper “The N = Z nuclide ⁷⁴Rb with T, I^π = 1, 0⁺” by D’Auria et al. described the discovery of ⁷⁴Rb ([1977Da04](#)). A 600 MeV proton beam induced spallation reactions at CERN. ⁷⁴Rb was separated with the ISOLDE-2 on-line facility and activities were measured with a β-particle telescope. “Improved experimental techniques have permitted the observation of the new nuclide ⁷⁴Rb with a half-life of 64.9±0.5 ms.”

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

[1977Da04](#) J. M. D’Auria, L. C. Carraz, P. G. Hansen, B. Jonson *et al.*, Phys. Lett. B **66**, 233 (1977).

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

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