

## <sup>225</sup>Rn

Hansen et al. reported the first observation of <sup>225</sup>Rn in the paper “Decay characteristics of short-lived radio-nuclides studied by on-line isotope separator techniques” in 1969 ([1969Ha03](#)). Protons of 600 MeV from the CERN synchrocyclotron bombarded a ThO<sub>2</sub>(H<sub>2</sub>O)<sub>x</sub> target and <sup>225</sup>Rn was separated using the ISOLDE facility. The paper summarized the ISOLDE program and did not contain details about the individual nuclei but the results were presented in a table. The measured half-lives was 4.5(3) min for <sup>225</sup>Rn.

Adapted from reference ([2013Fr09](#))

[1969Ha03](#) P. G. Hansen, P. Hornshoj, H. L. Nielsen, K. Wilsky *et al.*, Phys. Lett. B **28**, 415 (1969).

[2013Fr09](#) C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 497 (2013).

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