

²²⁷Rn

In 1986, Borge et al. reported the observation of ²²⁷Rn in the article “New isotope ²²⁷Rn and revised halfives for ²²³Rn and ²²⁶Rn” ([1986Bo35](#)). ThC₂ was bombarded with 600 MeV protons from the CERN synchrocyclotron. Decay curves were measured with a 4π plastic scintillation detector following mass separation with the ISOLDE on-line separator. “These results yielded halfives of 23±1 s for the previously unknown isotope ²²⁷Rn and 2.52±0.05 min for ²²⁷Fr.”

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

[1986Bo35](#) M. J. G. Borge, D. G. Burke, F. Calaprice, O. C. Jonsson *et al.*, *Z. Phys. A* **325**, 429 (1986).

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

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