

^{232}Fr

Mezilev et al. reported the discovery of ^{232}Fr in the 1990 paper “Search for delayed fission in neutron-rich nuclei” ([1990Me13](#)). A uranium target was bombarded with 1 GeV protons at Leningrad. Beta-, gamma-, and X-rays were measured with solid state detectors following mass separation with the on-line mass separator IRIS. “Due to this technique the new isotopes ^{232}Fr ($T_{1/2}=5\pm 1$ s), ^{233}Ra ($T_{1/2}=30\pm 5$ s) and ^{234}Ra ($T_{1/2}=30\pm 10$ s) have been identified using the solid state detectors for the registration of the beta-, gamma-, X-radiation.”

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

[1990Me13](#) K. A. Mezilev, Yu. N. Novikov, A. V. Popov, Yu. Ya. Sergeev, and V. I. Tikhonov, *Z. Phys. A* **337**, 109 (1990).

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

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