

^{239}Pa

In 1995, Yuan et al. reported the observation of ^{239}Pa in “A new isotope of protactinium: ^{239}Pa ” (1995Yu01). 50 MeV/u ^{18}O irradiated uranium targets in Lanzhou, China. Irradiated targets were then chemically separated and γ -ray spectra were measured with HPGe detectors. “A radioactive-series decay analyzing program was applied and half-lives of 106 ± 30 min and 22 ± 5 min for ^{239}Pa and ^{239}U , respectively were extracted.”

Adapted from reference (2013Fr03)

1995Yu01 S. Yuan, W. Yang, W. Mou, X. Zhang *et al.*, Z. Phys. A **352**, 235 (1995).
2013Fr03 C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 345 (2013).

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