

## $^{244}\text{Np}$

Moody et al. reported the discovery of  $^{244}\text{Np}$  in the 1987 paper “New nuclides: neptunium-243 and neptunium-244” (1987Mo29). A 1430 MeV  $^{136}\text{Xe}$  beam from the GSI UNILAC accelerator bombarded  $^{244}\text{Pu}$  targets. Gamma-ray spectra were measured with two germanium detectors following chemical separation. “The decay of 2.29-min  $^{244}\text{Np}$  (probable  $J^\pi=7^-$ ) populates the high-spin members of the ground state rotational band in  $^{244}\text{Pu}$ .”

Adapted from reference (2013Fr02)

1987Mo29 K. J. Moody, W. Bruchle, M. Brugger, H. Gaggeler *et al.*, *Z. Phys. A* **328**, 417 (1987).

2013Fr02 C. Fry and M. Thoennessen, *At. Data Nucl. Data Tables* **99**, 96 (2013).

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