

## <sup>172</sup>Re

In the 1972 paper “Short-lived osmium isotopes” Berlovich et al. reported the observation of <sup>172</sup>Re ([1972Be89](#)). A mercury target was bombarded with 1 GeV protons from the Leningrad synchrocyclotron. Gamma-ray spectra were measured with a Ge(Li) detector following chemical separation. “We also observe a transition with  $E_\gamma = 254$  keV and  $T_{1/2} = (0.8 \pm 0.2)$  min which presumably refers to the decay of <sup>172</sup>Re.”

Adapted from reference ([2012Ro36](#))

- [1972Be89](#) E. E. Berlovich, Y. S. Blinnikov, P. P. Vaishnis, V. D. Vitman *et al.*, Bull. Acad. Sci. USSR, Phys. Ser. **36**, 2165 (1973).
- [2012Ro36](#) R. Robinson and M. Thoennessen, At. Data Nucl. Data Tables **98**, 911 (2012).

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