

^{150}Ce

The paper “Ground-State Bands in Neutron-Rich Even Te, Xe, Ba, Ce, Nd, and Sm Isotopes Produced in the Fission of ^{252}Cf ” published in 1970 reported the first identification of ^{150}Ce by Wilhelmy et al. at Berkeley ([1970Wi16](#)). They measured γ -spectra following spontaneous fission of ^{252}Cf and observed the first four γ -ray transitions of the ^{150}Ce ground state band. They did not mention the first observation of ^{150}Ce : “The data, which in some of the cases can be correlated with previously reported results...” implies that some of the cases were new observations.

Adapted from reference ([2009Gi07](#))

[1970Wi16](#) J. B. Wilhelmy, S. G. Thompson, R. C. Jared, and E. Cheifetz, Phys. Rev. Lett. **25**, 1122 (1970).

[2009Gi07](#) J. Q. Ginepro, J. Snyder, and M. Thoennessen, At. Data Nucl. Data Tables **95**, 805 (2009).

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