

^{187}Pb -1

Isomerism was first established in ^{187}Pb by P.Misaelides et al. in 1981 at the Gesellschaft für Schwerionenforschung, Darmstadt, Germany, by measuring two α emitting states with half-lives of 15.2(3) s and 18.3(3) s ([1981Mi12](#)). The shorter half-life has been assigned to the ground state. The longer isomeric state had been observed earlier ([1972Ga27](#)) representing the discovery of ^{187}Pb ([2013Fr04](#)).

[1972Ga27](#) H. Gauvin, Y. Le Beyec, M. Lefort, and N. T. Porile, Phys. Rev. Lett. **29**, 958 (1972).

[1981Mi12](#) P. Misaelides, P. Tidemand-Petersson, U. J. Schrewe, I. S. Grant *et al.*, Z. Phys. A **301**, 199 (1981).

[2013Fr04](#) C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 365 (2013).

Please cite this abstract as: “FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isomer Database, doi:[10.11578/frib/2572219](https://doi.org/10.11578/frib/2572219)”