

^{193}Hg -1

Isomerism was first established in ^{193}Hg by T.V.Malysheva and I.P.Alimarin in 1958 at the Joint Institute for Nuclear Research, Dubna, Russia, by measuring half-lives of 4 h and 11 h ([1958Ma50](#)). The shorter half-life has been assigned to the ground state. The longer isomeric state had been observed earlier ([1952Fi06](#)) representing the discovery of ^{193}Hg ([2011Me01](#)).

- [1952Fi06](#) R. W. Fink and E. O. Wiig, J. Am. Chem. Soc. **74**, 2457 (1952).
[1958Ma50](#) T. V. Malysheva and I. P. Alimarin, Soviet Phys. JETP **35**, 1103 (1958).
[2011Me01](#) D. Meierfrankenfeld, A. Bury, and M. Thoennessen, At. Data Nucl. Data Tables **97**, 134 (2011).

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)”