

$^{185}\text{Bi-1}$

Isomerism of ^{185}Bi was first established in 2021 by D.T.Doherty et al. at Argonne National Laboratory in Illinois, by measuring a $58(2) \mu\text{s}$ isomeric state decaying to the $2.8^{+2.3}_{-1.0} \mu\text{s}$ ground state ([2021Do08](#)). The longer half-life had previously been observed ([1996Da06](#)) and attributed to the ground state of ^{185}Bi .

- [1996Da06](#) C. N. Davids, P. J. Woods, H. T. Penttila, J. C. Batchelder *et al.*, Phys. Rev. Lett. **76**, 592 (1996).
[2021Do08](#) D. T. Doherty, A. N. Andreyev, D. Seweryniak, P. J. Woods *et al.*, Phys. Rev. Lett. **127**, 202501 (2021).

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)”