

^{183}Tl -1

Isomerism was first established in ^{183}Tl by J.C.Batchelder et al. in 1999 at Argonne National Laboratory in Illinois, by measuring the population of a high-spin negative parity state and a low-spin positive parity state from the α decay of ^{187}Bi ([1999Ba45](#)). The negative parity isomeric level with a half-life of 60(15) ms had been measured earlier ([1980Sc09](#)) and corresponds to the discovery of ^{183}Tl ([2013Fr04](#)).

- [1980Sc09](#) U. J. Schrewe, P. Tidemand-Petersson, G. M. Gowdy, R. Kirchner *et al.*, Phys. Lett. B **91**, 46 (1980).
[1999Ba45](#) J. C. Batchelder, K. S. Toth, C. R. Bingham, L. T. Brown *et al.*, Eur. Phys. J. A **5**, 49 (1999).
[2013Fr04](#) C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 365 (2013).

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