

^{198}Tl -1

Isomerism was first established in ^{198}Tl by I. Bergstrom et al. in 1953 at the University of Illinois, Urbana, Illinois, by measuring half-lives of 1.9 h and 5 h ([1953Be79](#)). The longer half-life has been assigned to the ground state. The shorter isomeric state had been observed earlier ([1949Or01](#)) representing the discovery of ^{198}Tl ([2013Fr04](#)).

- [1949Or01](#) D. A. Orth, L. Marquez, W. J. Heiman, and D. H. Templeton, Phys. Rev. **75**, 1100 (1949).
[1953Be79](#) I. Bergstrom, R. D. Hill, and G. de Pasquali, Phys. Rev. **92**, 918 (1953).
[2013Fr04](#) C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 365 (2013).

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