

⁷⁹Ge-1

Isomerism was first established in ⁷⁹Ge by B.Grapengiesser et al. in 1974 at the Studsvik Science Research Laboratory, Nyköping, Sweden, ([1974Gr29](#)) by measuring a half-life of 18.5(5) s in addition to the previously observed ~40 s halflife ([1970Ka04](#)). The latter was assigned to be an isomeric state and its observation represents the discovery of ⁷⁹Ge ([2012Gr19](#)).

- [1970Ka04](#) M. Karras, T. E. Ward, and H. Ihochi, Nucl. Phys. A **147**, 120 (1970).
[1974Gr29](#) B. Grapengiesser, E. Lund, and G. Rudstam, J. Inorg. Nucl. Chem. **36**, 2409 (1974).
[2012Gr19](#) J. L. Gross and M. Thoennessen, At. Data Nucl. Data Tables **98**, 983 (2012).

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