

^{188}Tl

The first observation of ^{188}Tl by Vandlik et al. was reported in the 1970 paper “The new isotopes ^{190}Tl and ^{188}Tl ” (1970Va27). PbF_2 was bombarded with 660 MeV protons from the Dubna synchrocyclotron. The thallium fraction was chemically separated and γ spectra were measured with a Ge(Li) detector. Results were given in a table, assigning a half-life of $1.6_{-0.5}^{+1}$ min to ^{188}Tl .

Adapted from reference (2013Fr04)

1970Va27 Y. Vandlik, N. G. Zaitseva, Z. Mate, I. Mahunka *et al.*, Bull. Acad. Sci. USSR, Phys. Ser. **34**, 1472 (1971).

2013Fr04 C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 365 (2013).

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