

^{149}Tb α decay (4.16 min) [1974To07](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli		NDS 110, 507 (2009)	1-Oct-2008

Parent: ^{149}Tb : E=40.0; $J^\pi=11/2^-$; $T_{1/2}=4.16$ min 4; $Q(\alpha)=4077.5$ 22; % α decay=0.022 3

^{149}Tb -% α decay: Average of 0.00020 4 ([1973Bi06](#)) and 0.00025 5 ([1964Ma19](#)).

Measured: E(α).

 ^{145}Eu Levels

E(level)	J^π †
0.0	5/2 ⁺

† Adopted values.

 α radiations

E α	E(level)	I α †	Comments
3999 7	0.0	100	E α : from 1974To07 . Other: 3990 30 (1964Ma19).

† For absolute intensity per 100 decays, multiply by 0.00022 3.