

$^{79}\text{Ge IT decay (39.0 s)}$ 1981Ho24,1980HoZN

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 135, 193 (2016)	31-May-2016

Parent: ^{79}Ge : E=186.02 7; $J^\pi=(7/2^+)$; $T_{1/2}=39.0$ s 10; %IT decay=4 1

 $^{79}\text{Ge Levels}$

E(level)	J^π [†]	$T_{1/2}$
0.0	(1/2) ⁻	
186.02 7	(7/2 ⁺)	39.0 s 10

[†] From Adopted Levels.

 $\gamma(^{79}\text{Ge})$

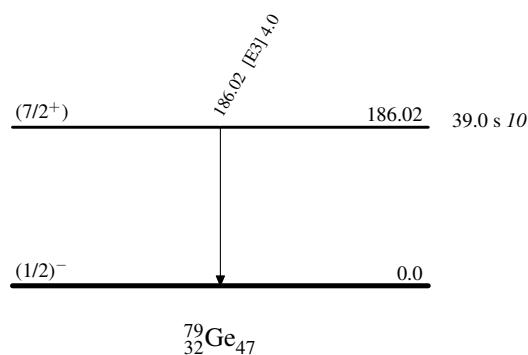
E_γ	I_γ [†]	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Mult.	α [‡]	Comments
186.02 7	100	186.02	(7/2 ⁺)	0.0	(1/2) ⁻	[E3]	0.423	$\alpha(K)=0.362$ 6; $\alpha(L)=0.0522$ 8; $\alpha(M)=0.00774$ 11; $\alpha(N)=0.000380$ 6

[†] For absolute intensity per 100 decays, multiply by 0.028 7.

[‡] Total theoretical internal conversion coefficients, calculated using the BrIcc code (2008Ki07) with Frozen orbital approximation based on γ -ray energies, assigned multipolarities, and mixing ratios, unless otherwise specified.

 $^{79}\text{Ge IT decay (39.0 s)}$ 1981Ho24,1980HoZNDecay Scheme

Intensities: $I_{(\gamma+ce)}$ per 100 parent decays
%IT=4 1

 $^{79}_{32}\text{Ge}_{47}$