

^{148}Ho ε decay (2.2 s) 1982No08

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	N. Nica	NDS 117, 1 (2014)	1-Oct-2013

Parent: ^{148}Ho : $E=0.0$; $J^\pi=(1^+)$; $T_{1/2}=2.2$ s 11; $Q(\varepsilon)=9860$ 80; $\% \varepsilon + \% \beta^+$ decay=100.0
 Measured: γ , $\gamma\gamma$, $\gamma(t)$ (1988To03,1982No08).

 ^{148}Dy Levels

E(level)	J^π^\dagger
0.0	0^+
1677.7 3	2^+

† From adopted values.

 ε, β^+ radiations

Normalization is from 1982No08; the basis is not given.

E(decay)	E(level)	$I\beta^+^\dagger$	$I\varepsilon^\dagger$	Log ft	$I(\varepsilon + \beta^+)^\dagger$	Comments
(8.18×10^3) 8)	1677.7	6.9 13	0.50 10	5.49 24	7.4 14	av $E\beta=3320$ 39; $\varepsilon K=0.0562$ 18; $\varepsilon L=0.0083$ 3; $\varepsilon M+=0.00244$ 8
(9.86×10^3) 8)	0.0	89.1 14	3.50 11	4.80 22	92.6 14	av $E\beta=4130$ 39; $\varepsilon K=0.0318$ 8; $\varepsilon L=0.00468$ 12; $\varepsilon M+=0.00137$ 4

† Absolute intensity per 100 decays.

 $\gamma(^{148}\text{Dy})$

Normalization is from 1982No08; the basis is not given.

E_γ	I_γ^\ddagger	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Mult. †
1677.7 3	7.4 14	1677.7	2^+	0.0	0^+	E2

† From adopted gammas.

‡ Absolute intensity per 100 decays.

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Decay Scheme

Intensities: $I(\gamma+ce)$ per 100 parent decays