

¹⁶⁵Ho(γ,γ):Mossbauer [1972Ge21](#),[1972HaVV](#),[1970BIZT](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh and Jun Chen		NDS 194,460 (2024)	31-Oct-2022

Measured lifetime of 94.7 level and hyperfine structure.
Other: [1966Ro10](#).

¹⁶⁵Ho Levels

E(level)	J π [†]	T _{1/2}	Comments
0	7/2 ⁻		
94.7	9/2 ⁻	22.0 ps 4	T _{1/2} : weighted average of 22 ps 1 (1972Ge21), 20 ps 3 (1972HaVV), 22.0 ps 4 (1970BIZT). Other: ≥ 22 ps (1966Ro10). $\mu(94.7)/\mu(\text{g.s.})=0.99$ 4 (1972Ge21).

[†] From the Adopted Levels.

$\gamma(^{165}\text{Ho})$

E $_{\gamma}$	E _i (level)	J $^{\pi}_i$	E _f	J $^{\pi}_f$
94.7	94.7	9/2 ⁻	0	7/2 ⁻

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Level Scheme

