

$^{165}\text{Ho}(\alpha, p\gamma)$ [1973DuZQ](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Coral M. Baglin	NDS 111, 1807 (2010)	15-Jun-2010

$E(\alpha)=28$ MeV; measured $p\gamma$ coin (scin-Ge(Li)).

[1984MoZS](#) report energy dependence of the reaction mechanism for $E\alpha=50, 80$, and 110 MeV.

^{168}Er Levels

<u>$E(\text{level})^\dagger$</u>	<u>$J^\pi^\ddagger$</u>
0.0	0^+
79.8	2^+
263.8	4^+
548.0	6^+
926.8	8^+
1395.5	10^+

† From E_γ .

‡ Adopted values.

$\gamma(^{168}\text{Er})$

<u>$E_\gamma^\dagger$</u>	<u>$E_i(\text{level})$</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>	<u>Comments</u>
(79.8)	79.8	2^+	0.0	0^+	E_γ : rounded value from Adopted Gammas.
184.0	263.8	4^+	79.8	2^+	
284.2	548.0	6^+	263.8	4^+	
378.8	926.8	8^+	548.0	6^+	
468.7	1395.5	10^+	926.8	8^+	

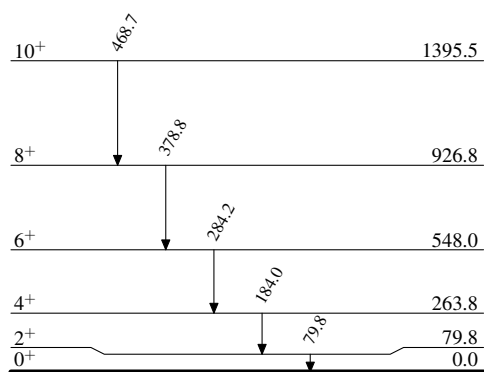
† From [1973DuZQ](#), except As noted.

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Legend

Level Scheme

-----► γ Decay (Uncertain)



$^{168}_{68}\text{Er}_{100}$