

$^{66}\text{Zn}(\text{p},\text{p}'\gamma)$ , (pol p,p) IAR [1973Si30](#),[1971Lo22](#),[1968Go21](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Huo Junde, Huang Xiaolong, J. K. Tuli		NDS 106, 159 (2005)	1-Apr-2005

[1973Si30](#): E=3.0-5.8 MeV; measured  $\sigma(\theta)$  at  $90^\circ$  and  $130^\circ$ ,  $\text{p}'\gamma\gamma(\theta)$ .

[1971Lo22](#): E=2.7-2.9 MeV polarized protons; measured  $\sigma(\theta)$ .

[1968Go21](#): E=2.8-4.2 MeV; measured  $\sigma(\theta)$ .

For fine structure near E(res)=4430, see [1978Bo34](#), [1977BoYI](#).

Other: [1981Sa24](#).

 $^{67}\text{Ga}$  Levels

E(level) <sup>†</sup>	J <sup>π</sup>	Comments
(0)		
7988	5/2 <sup>-‡</sup>	E(level): IAR of g.s. level in $^{67}\text{Zn}$ .
8076	1/2 <sup>-‡</sup>	E(level): IAR of 93 level in $^{67}\text{Zn}$ .
8400	3/2 <sup>-#</sup>	E(level): IAR of 394 level in $^{67}\text{Zn}$ .
8960	5/2 <sup>+#</sup>	E(level): IAR of 980 level in $^{67}\text{Zn}$ .
9420		
9510		
9630		
10250	5/2 <sup>+#</sup>	E(level): IAR of 2273 level in $^{67}\text{Zn}$ .
10390	5/2 <sup>+#</sup>	E(level): IAR of 2399 level in $^{67}\text{Zn}$ .
10600		
10760	5/2 <sup>+#</sup>	E(level): IAR of 2794 level in $^{67}\text{Zn}$ .

<sup>†</sup> From the proton resonance energy of [1971Lo22](#) or [1973Si30](#) and S(p)=5268.7 *l3* ([1985Wa02](#)).

<sup>‡</sup> From polarized proton data ([1971Lo22](#)).

<sup>#</sup> From  $\text{p}'\gamma\gamma(\theta)$  ([1973Si30](#)) and L(d,p) ([1967Vo05](#)).