

⁶⁴Zn(n,pγ) 1975Di11

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh and Jun Chen		NDS 178, 41 (2021).	12-Nov-2021

1975Di11: E(n)=4.85, 5.40, 5.90 MeV. Measured Eγ at θ=125°.
1968Iw01: ⁶⁴Zn(n,p),E(n)=14.1 MeV. Measured σ(θ), deduced level density parameter.
Additional information 1.

⁶⁴Cu Levels

E(level) [†]	J ^π [‡]
0	1 ⁺
159	2 ⁺
278	2 ⁺
344	1 ⁺
362	3 ⁺
574	(4) ⁺

[†] From Eγ data.
[‡] From Adopted Levels.

γ(⁶⁴Cu)

E _γ	E _i (level)	J _i ^π	E _f	J _f ^π
159	159	2 ⁺	0	1 ⁺
203	362	3 ⁺	159	2 ⁺
211	574	(4) ⁺	362	3 ⁺
278	278	2 ⁺	0	1 ⁺
344	344	1 ⁺	0	1 ⁺

$^{64}\text{Zn}(\text{n,p}\gamma)$ 1975Di11

Level Scheme

