
 ${}^{63}\text{Cu}(\alpha, t)$ **1968Ma44**

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

$E=29.0$ MeV, $\sigma(\theta)$.

$J^\pi({}^{63}\text{Cu g.s.})=3/2^-$.

Others: [1968LuZZ](#) (E=40-50 MeV), [1961Yn02](#) (E=43 MeV).

 ${}^{64}\text{Zn}$ Levels

<u>E(level)</u>	<u>J^π[†]</u>	<u>L</u>
0	0 ⁺	1+3
990	2 ⁺	1+3
3040	3 ⁻	4

[†] From the Adopted Levels.