

$^{63}\text{Cu}(p,\gamma) E=1.3-3.2 \text{ MeV}$  2003Ne20

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

2003Ne20: Measured strength functions from primary  $\gamma$  rays detected with a Ge(Li) detector surrounded by a NaI(Tl) detector. Comparisons with the statistical model calculations.

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

E(level)	$J^\pi$ <sup>†</sup>	$\sigma(\text{exp}) \mu\text{b}$ <sup>‡</sup>	Comments
0	0 <sup>+</sup>	14 4	
992	2 <sup>+</sup>	31 8	
1799	2 <sup>+</sup>	19 5	
1910	0 <sup>+</sup>	3.5 8	
2307	4 <sup>+</sup>	8.2 20	
2609	0 <sup>+</sup>	2.2 5	
2737	4 <sup>+</sup>	6.2 15	
2794	2 <sup>+</sup>	37 9	
2980	3 <sup>+</sup>	7.8 19	
2998	3 <sup>-</sup>		
3006	2 <sup>+</sup>		
3071	(1,2 <sup>+</sup> )		$J^\pi$ : 1 <sup>+</sup> proposed by 2003Ne20.
3078	4 <sup>+</sup>	4.3 10	
3095	(3) <sup>+</sup>	6.9 17	

<sup>†</sup> From the Adopted Levels, unless otherwise stated.

<sup>‡</sup> At E(p)=2.47 MeV.