

$^{60}\text{Ni}(\alpha,\text{d})$  1969Lu07,1994Fi01

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Alan L. Nichols, Balraj Singh, Jagdish K. Tuli		NDS 113, 973 (2012)	15-Apr-2012

1969Lu07: E=50.0 MeV, Si telescope, FWHM=170 keV, 20° spectrum.

1994Fi01: E=55 MeV, measured  $\sigma(\text{ED},\theta)$ . DWBA analysis.

All data are from 1969Lu07, except as noted.

 $^{62}\text{Cu}$  Levels

E(level)	$J\pi^{\ddagger}$	L	Comments
40 <sup>†</sup>			
450 <sup>†</sup>			
1020			
1410 <sup>†</sup>			
1850 <sup>†</sup>			
2.33×10 <sup>3</sup> <sup>†</sup>	6 <sup>-</sup>		Configuration= $\pi p_{3/2} \otimes \nu g_{9/2}$ .
2660	6 <sup>-</sup>	5	Configuration= $\pi p_{3/2} \otimes \nu g_{9/2}$ .
3170 <sup>†</sup>			
4770 <sup>†</sup>	9 <sup>+</sup>		Configuration= $\pi g_{9/2} \otimes \nu g_{9/2}$ .
5070 <sup>†</sup>	(7 <sup>+</sup> )		Possible configuration= $\pi g_{9/2} \otimes \nu d_{5/2}$ .
5690			
6390			
7710			

<sup>†</sup> From 1994Fi01.

<sup>‡</sup> From 1994Fi01, based on angular distributions and DWBA analysis.