

$^1\text{H}(^{58}\text{Ni}, ^{57}\text{Cu}\gamma)$  1996Zh02

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	M. R. Bhat	NDS 85, 415 (1998)	24-Sep-1998

$E(^{58}\text{Ni})=31$  MeV/u. Reaction products analyzed using the momentum achromat recoil spectrometer (mars). Measured  $E_\gamma$ .

 $^{57}\text{Cu}$  Levels

<u>E(level)</u>	<u><math>J^\pi</math>†</u>
0.0	$3/2^-$
1028 4	$5/2^-$
1106 4	$1/2^-$
2398 10	$5/2^-$

† From Adopted Levels. Assignments based on the  $J^\pi$  of the mirror nuclide  $^{57}\text{Ni}$ .

 $\gamma(^{57}\text{Cu})$ 

<u><math>E_\gamma</math></u>	<u><math>E_i(\text{level})</math></u>	<u><math>J_i^\pi</math></u>	<u><math>E_f</math></u>	<u><math>J_f^\pi</math></u>
1028 4	1028	$5/2^-$	0.0	$3/2^-$
1106 4	1106	$1/2^-$	0.0	$3/2^-$
2398 10	2398	$5/2^-$	0.0	$3/2^-$

 $^1\text{H}(^{58}\text{Ni}, ^{57}\text{Cu}\gamma)$  1996Zh02Level Scheme