

${}^{64}\text{Zn}(\text{n},\text{n}')$  1964Ro05

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

1964Ro05: E=14 MeV.  $\sigma(\theta)$  for g.s., first  $2^+$  and  $3^-$  states.

1985Ko10: E=0.5 meV to 143 keV. Measured scattering lengths.

1977Ko20: E=1.5, 2.0, 2.5, 3.0 MeV. Data for first three excited states.

1971Ko44: E<1.6 MeV. Cross section for first  $2^+$  state.

[Additional information 1.](#)

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

E(level) <sup>†</sup>	J $\pi$ <sup>‡</sup>	Comments
0	$0^+$	
920	$2^+$	$\beta_2=0.23$ 3 (1964Ro05).
3300	$3^-$	$\beta_3=0.23$ 3 (1964Ro05).

<sup>†</sup> From 1964Ro05.

<sup>‡</sup> From the Adopted Levels.