

$^{62}\text{Ni}(e,e')$ 1967Du07,1975DeXW,1973It01

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

Additional information 1.

1967Du07: E=45-65 MeV, FWHM=0.23% (140 keV).

1972Li28 (also 1971Li21): E=150, 225 MeV. Measured $\sigma(\theta)$, deduced B(E2), B(E3).

1975DeXW: E=85 MeV, FWHM=100 keV.

1973It01: E=183,250 MeV, FWHM=0.12%.

 ^{62}Ni Levels

E(level)	J^π	Comments
0.0		
1172	2 ⁺	B(E2) \uparrow =0.0877 11 (1967Du07) BE2=0.1021 26 (1975DeXW), BE2=0.062 4 (1972Li28).
2300		From Fig. 13 of 1967Du07; broadened peak suggests multiplet.
3750	3 ⁻	B(E3) \uparrow =0.02010 54 (1967Du07) BE3=0.0238 11 (1975DeXW).
5.53×10 ³ 10	6 ⁺	J^π : from q-dependence of form factors (1973It01).