^{63}Cu(p,t) 1972Iw02

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Kazimierz Zuber, Balraj Singh	NDS 125, 1 (2015)	25-Jan-2015

1972Iw02: E(p)=51.9 MeV. Magnetic spectrograph, θ(c.m.)=5°−50°. $\sigma(\theta)$ compared to $\sigma(\theta)$ of ^{62}Ni(p,t). No L-transfer values are given, but transfer to ^{61}Cu g.s. has L=0 and to the other states probably L=2.
1964Ba34: E=40 MeV. Measured $\sigma(\theta)$ for g.s., DWBA analysis.
$J^{\pi}(^{63}$Cu g.s.)=3/2^{-}.

^{61}Cu Levels

E(level)	Relative σ
0	100
480	2.8
970	2.8
1310	15.7
1390	1.9