^{64}Zn(^{3}He,^{3}He′) 1971Ha45

History

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

E=24 MeV, $\sigma(\theta)$, CCBA calculations. Deduced β and βR for different optical potentials and form factors (see table below).
Others:
1972Ca06: E=33.2 MeV, $\sigma(\theta)$, optical-model parameters.
1971SiZJ: E=29, 30, 32, 35 MeV. $\sigma(\theta)$, optical-model parameters.
1967Fo05: E=18 MeV, $\sigma(\theta)$, optical-model parameters.
Additional information 1.

^{64}Zn Levels

E(level)	L	Comments
0		
992	2	β_2=0.195, 0.200, 0.210, 0.215, 0.250, with different optical potential parameter sets.
2990	3	β_3=0.145, 0.165, 0.172, 0.175, 0.180, with different optical potential parameter sets.