^{67}Zn(n,α) 1984Em01,1985Gl04

History

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

1984Em01: thermal neutron from the Grenoble high-flux reactor. α particles were detected with a gold-silicon surface-barrier detector (FWHM=50-60 keV). Measured cross sections.
1985Gl04: E=thermal, resonance. Measured cross sections.
Others: 1978An01 (res). Theoretical: 1988Bu07 (res), 1987Vt01 (thermal).

^{64}Ni Levels

E(level)	J$^{\pi}$[†]	Comments
0	0^+	E(level): population shown by 1985Gl04 through 3^- resonances.
1340	2^+	E(level): from 1984Em01. Eα=3310 *10* from a 2^- resonance.

[†] From Adopted Levels.