^{60}Ni(p,n)

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 114, 1849 (2013)	31-Dec-2012

E(p)=7.0-7.8 MeV. Neutrons detected by Li-resonance scattering, FWHM≈35 keV. Measured σ(E(p)). Level density too high to identify individual excited states (1967Bi04).

E(p)= 22.5 MeV. Measured σ(E(n)) at 20.8° (c.m.). Microscopic analysis (1990Bo37).

E(p)= 25 MeV. Measured angle integrated neutron spectra. Model calculation (1985Bl12).

E(p)= 134.3 MeV. Measured cross-sections over the angular range of 0.3 to 11.6°. Measured level excitations at 0.7-, 2.5-, 5.5-, 6.7-, 9.1-, 11.6-, and 14.4 MeV (2008An15).