^{9}Be(p,2p)   2004Ti06

History

Type	Author	Citation	Literature Cutoff Date
Update	J. H. Kelley, J. L. Godwin, C. G. Sheu	ENSDF	31-Mar-2004

1966Ty01: ^{9}Be(p,2p) E=460 MeV, measured $\sigma(E_P,\theta)$, Q.

1967Ro06: ^{9}Be(p,2p) E=156 MeV, measured $\sigma(E_{P_1}+E_{P_2},\theta)$.

1970Gr39: ^{9}Be(p,2p) E=180, 660 MeV, measured $\sigma(E(^8Li),\theta(^8Li))$.

1981Fr24: ^{9}Be(p,2p) E=0.8 GeV, measured pp-coin, $\sigma(\theta_1,\theta_2)$ vs proton momentum. Deduced excitation spectrum.

1985Be30: ^{9}Be(p,2p) E=1 GeV, measured angle-integrated $\sigma(E_{P_1})$, $\sigma(E_N)$. Deduced proton, neutron space distribution role.

1985Do16: ^{9}Be(p,2p) E=1 GeV, measured energy spectra.

2000Sh01: ^{9}Be(p,2p) E=70 MeV, measured proton spectra, neutron spectra, pp-, np-coin, $\sigma(E,\theta)$. Deduced 1S and 1p shell contributions.

^{8}Li Levels

E(level)	J^π	$T_{1/2}$	Comments
0.0			
980			unresolved.
2.26×10^3			unresolved.
$9.\times10^3$?	$1^-,2^-$	≈6 MeV	
$16.\times10^3$?	$1^-,2^-$	≈8 MeV	possibly due to continuum protons.