^{7}**Li(p,d),^{7}Li(p,pn)**   **2002Ti10**

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Hu, Tilley, Kelley et al.	NP A708, 3 (2002)	23-Aug-2001

1967Ku10: ^{7}Li(p,d) E=33.6 MeV, measured $\sigma(\theta)$, ^{6}Li levels deduced, DWBA analysis.
1968Be72: ^{7}Li(p,d) E=156 MeV, measured $\sigma(E_d,\theta)$. ^{6}Li levels deduced S.
1968Le01: ^{7}Li(p,d) E=100 MeV, measured $\sigma(E_d,\theta)$. ^{6}Li deduced levels, relative S.
1969Ba05: ^{7}Li(p,d) E=155.6 MeV, measured $\sigma(E_d,\theta)$. ^{6}Li deduced levels, J, π, L, S.
1969De04: ^{7}Li(p,d) E=30.3 MeV, measured $\sigma(E_d,\theta)$.
1969Li02: ^{7}Li(p,d) E=100 MeV, measured $\sigma(E_d,\theta)$, ^{6}Li levels deduced S.
1972Az03: ^{7}Li(p,d) E=670 MeV, measured $\sigma(E_d)$, analyzed reaction mechanism.
1974Ka28: ^{7}Li(p,d) E=185 MeV, measured $\sigma(E_d,\theta)$. ^{6}Li levels deduced S.
1976Fa03: ^{7}Li(p,d) E=185 MeV, measured $\sigma(E_d,\theta)$. ^{6}Li deduced levels, S.
1977Gu14: ^{7}Li(p,d) E=16.7, 17.7 MeV, measured $\sigma(E_d,\theta)$.
1980Ba02: ^{7}Li(p,d) E=800 MeV, measured $\sigma(\theta)$. DWBA analysis.
1984Sm04: ^{7}Li(p,d) E=800 MeV, measured $\sigma(\theta)$, $\sigma(E_d)$, deduced reaction mechanism. ^{6}Li deduced high-spin state population
    enhancement. DWBA analysis.
1985Kr13: ^{7}Li(p,d) E=200, 400 MeV, measured $\sigma(E_d)$, $\sigma(\theta)$, ^{6}Li levels deduced spectroscopic factor ratio. DWBA analysis.

^{6}Li Levels

E(level)	J^π	C^{2}S
0	1^+	0.87
2186.	3^+	0.67
3.56×10^3	0^+	0.24
4.31×10^3		0.05
5.37×10^3		0.14