

${}^6\text{Li}(\text{p},\text{p}')$ 2002Ti10,1990Gi04

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

- 1967Hi13: ${}^6\text{Li}(\text{p},\text{p}),(\text{p},\text{p}')$ E=15.3 MeV, measured $\sigma(\theta)$. ${}^6\text{Li}$ deduced levels, wave functions.
 1968Ge04: ${}^6\text{Li}(\text{p},\text{p}),(\text{p},\text{p}')$ E=155 MeV, measured $\sigma(\theta)$, $\text{p}(\theta)$.
 1968Me25: ${}^6\text{Li}(\text{p},\text{p}),(\text{p},\text{p}')$ E=14-16 MeV, measured $\sigma(E_{\text{p}'},\theta)$.
 1970Hu13: ${}^6\text{Li}(\text{p},\text{p}),(\text{p},\text{p}')$ E=185 MeV, measured $\sigma(E_{\text{p}'},\theta)$.
 1972Br20: ${}^6\text{Li}(\text{p},\text{p}),(\text{p},\text{p}')$ E=25-45 MeV, measured $\sigma(E,\theta)$.
 1972Ja07: ${}^6\text{Li}(\text{p},\text{p})$ E=144 MeV, measured $\sigma(\theta)$.
 1977Ki08: ${}^6\text{Li}(\text{P},\text{P}'\gamma)$ E=4.9-5 MeV, measured γ -spectra. ${}^6\text{Li}$ deduced levels.
 1981He21: ${}^6\text{Li}(\text{p},\text{p}),(\text{p},\text{p}')$ E=136 MeV, measured $\sigma(\theta)$.
 1982Pe06: ${}^6\text{Li}(\text{p},\text{p}),(\text{p},\text{p}')$ E=24.4 MeV, measured $\sigma(E_{\text{p}'})$, $\sigma(\theta)$. ${}^6\text{Li}(\text{p},\text{p}),(\text{p},\text{p}')$ E=24-25 MeV, analyzed data.
 1990Gi04: ${}^6\text{Li}(\text{pol p},\text{p}),(\text{pol p},\text{p}')$ E=200 MeV, measured $\sigma(\theta)$, $A_{\gamma}(\text{THETA})$.
 1994He11: ${}^6\text{Li}(\text{pol p},\text{p})$ E=72 MeV, measured depolarization parameter.

 ${}^6\text{Li}$ Levels

E(level)	J^{π}	$T_{1/2}$
0.0	1^+	
2.19×10^3	3^+	
3.56×10^3	0^+	
4.40×10^3 12		1.49 MeV 15
5.33×10^3 8		0.56 MeV 34
5.7×10^3		1.0 MeV 6