## $^{6}$Li(e,e′) 2002Ti10

History

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

1966Ra29: $^{6}$Li(e,e) E<230 MeV, measured $\sigma$(E), deduced magnetic form factor.
1971Li10: $^{6}$Li(e,e),(e,e′) E=200, 500 MeV, measured $\sigma(\theta)$, deduced form factors. $^{6}$Li deduced rms nulear radius.
1972Bu01: $^{6}$Li(e,e) E=23-97 MeV, measured $\sigma$(E). $^{6}$Li deduced rms nuclear radii.
1988Bu25: $^{6}$Li(e,e′) E=90-260 MeV, measured $\sigma$(E,$\theta$).
1989Li09: $^{6}$Li(e,e),(e,e′) E=80-680 MeV, measured longitudinal, transverse form factors.

### $^{6}$Li Levels

| E(level) | $J^{\pi}$ | $T_{1/2}$ | Comments |
|---|---|---|---|
| 0 | | | |
| 2183 *9* | $3^{+}$ | | T=0; $\Gamma_{\gamma 0}=4.40\times10^{-4}$ eV *34* |
| 3562.88 *10* | $0^{+}$ | | T=1; $\Gamma_{\gamma 0}=8.19$ eV *17* |
| 4270 *40* | $2^{+}$ | | T=0; $\Gamma_{\gamma 0}=5.4\times10^{-3}$ eV *28* |
| 5379 *17* | $2^{+}$ | 540 keV *20* | T=1; $\Gamma_{\gamma 0}=0.27$ eV *5* |