

Table 6.4 from (79AJ01):
Levels of ${}^6\text{Li}$ from ${}^6\text{Li}(e, e')$ and ${}^6\text{Li}(\gamma, \gamma')$ ^a

E_x (MeV)	$J^\pi; T$	Γ_{γ_0} (eV)	Multipolarity	Refs.
2.183 ± 0.009 ^b	$3^+; 0$	$(4.40 \pm 0.34) \times 10^{-4}$	E2	(EI69)
3.563 ± 0.010	$0^+; 1$	8.31 ± 0.36	M1	(EI69)
		8.1 ± 0.5 ^c	M1	(RA69B)
		8.16 ± 0.19	M1	(BE75Y)
4.27 ± 0.04	$2^+; 0$	$(5.4 \pm 2.8) \times 10^{-3}$	E2	(EI69) ^d
5.37 ^e	$2^+; 1$	0.19 ± 0.04 ^f	M1	(HU70E)

^a See also Tables 6.5 in (74AJ01) and 6.6 in (66LA04).

^b $B(\text{E}2)\uparrow = 21.8 \pm 0.8 e \cdot \text{fm}^4$ (YE74).

^c From (γ, γ') .

^d $\Gamma = 690 \pm 120$ keV.

^e $E_x = 5.32 \pm 0.05$ MeV, $\Gamma = 330^{+120}_{-40}$ keV (HU69E), $E_x = 5.38 \pm 0.02$ MeV, $\Gamma = 530 \pm 30$ keV (HU70E), $E_x = 5.41 \pm 0.04$ MeV, $\Gamma = 540 \pm 30$ keV (NE71A), $\Gamma = 440 \pm 100$ keV (EI69). The excitation of this state shows a transverse angular dependence (EI69).

^f Probable value but 0.08 ± 0.04 eV cannot be excluded: see (HU70E).