

Table 6.2 from (74AJ01): Energy levels of ${}^6\text{Li}$

E_x (MeV \pm keV)	$J^\pi; T$	$\Gamma_{\text{c.m.}}$ (keV)	Decay	Reactions
g.s.	$1^+; 0$	—	—	1, 2, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 40, 41, 42, 43, 44, 45, 46
2.185 ± 3	$3^+; 0$	26.3	γ, d, α	1, 2, 5, 6, 10, 11, 12, 13, 14, 15, 16, 20, 21, 22, 24, 28, 29, 36, 39
3.562 ± 5	$0^+; 1$	< 5	γ	1, 6, 8, 10, 11, 12, 13, 14, 16, 20, 21, 22, 24, 32, 45, 46
4.31 ± 30	$2^+; 0$	1500 ± 200 ^a	γ, d, α	1, 5, 10, 12, 13, 20, 22, 24
5.366 ± 15	$2^+; 1$	540 ± 20	γ	1, 10, 12, 20, 21, 22
5.7 ± 100	$1^+; 0$		d, α	5
25.0 ± 1000	$(4)^-; 1$	≈ 4000	$\gamma, (\text{n}), \text{t}, {}^3\text{He}$	1
26.6 ± 400	$(3^-); 0$	broad	$\gamma, (\text{n}), \text{t}, {}^3\text{He}$	1

^a F.C. Barker, private communication.