

Table 5.3 from (1984AJ01): Energy levels of ${}^5\text{Li}$ ^a

E_x (MeV)	$J^\pi; T$	$\Gamma_{\text{c.m.}}$ (MeV)	Decay	Reactions
g.s.	$\frac{3}{2}^-; \frac{1}{2}$	≈ 1.5	p, α	1, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20
5 – 10	$\frac{1}{2}^-; \frac{1}{2}$	5 ± 2	p, α	1, 6, 9, 11, 13, 15, 17
16.66 ± 0.07	$\frac{3}{2}^+; \frac{1}{2}$	≈ 0.3	γ , p, d, ${}^3\text{He}$, α	1, 2, 3, 6, 11, 13, 14
(18 ± 1)	$(\frac{1}{2}^+); \frac{1}{2}$	broad	γ , p, d, ${}^3\text{He}$, α	1, 2
(20.0 ± 0.5) ^a	$(\frac{3}{2}, \frac{5}{2})^+; \frac{1}{2}$	≈ 5	γ , p, d, ${}^3\text{He}$, α	1, 2, 3, 4, 11, 13

^a See also discussion in reactions 2, 3, 6, 15.