

Table 8.1 from (1974AJ01): Energy levels of ${}^8\text{Li}$

E_x (MeV \pm keV)	$J^\pi; T$	τ_m or $\Gamma_{c.m.}$ (keV)	Decay	Reactions
g.s.	$2^+; 1$	$\tau_{1/2} = 842 \pm 6$ msec	β^-	1, 2, 3, 10, 11, 14, 17, 18, 19, 20, 21, 23, 24, 25, 26, 27
0.9808 ± 0.1	$1^+; 1$	$\tau_m = 12 \pm 4$ fsec	γ	2, 3, 10, 13, 14, 15, 17, 18, 19, 21, 24, 25, 26
2.261 ± 2	$3^+; 1$	$\Gamma = 31 \pm 5$	γ, n	3, 4, 10, 14, 17, 18, 19, 25
3.21	$1; 1$	≈ 1000	n	5, 14
5.4	$(2^+, 3^+); 1$	≈ 650	n	4, 5
6.1 ± 100		≈ 900	n	4
6.530 ± 20		< 40	(n)	4, 19
7.1 ± 100		≈ 350	n	4
(9.)		≈ 6000		14, 17