

Table 8.1 from (1959AJ76): Energy levels of ${}^8\text{Li}$

E_x in ${}^8\text{Li}$ (MeV)	J^π	$\tau_{1/2}$ or Γ (keV)	Decay	Reactions
0	2^+	$\tau_{1/2} = 0.848 \pm 0.004$ sec	β^-	1 , 2 , 3 , 9 , 12 , 14 , 18
0.975 ± 0.012	$\leq 3^+$		(γ)	2 , 9 , 18
2.260 ± 0.005	3^+	28	n	4 , 9
3.22	$1^{(+)}$	≈ 1000	n	5