

Table 11.1 from (1990AJ01): Energy Levels of ^{11}Li ^a

E_x (MeV)	$J^\pi; T$	$\tau_{1/2}$ (ms)	Decay	Reaction
g.s.	$\frac{3}{2}^-, \frac{5}{2}$	8.5 ± 0.2	β^-	1

^a Excited states are calculated at $E_x = 2.68, 3.13$ and 3.62 MeV, with $J^\pi = \frac{5}{2}^+, \frac{3}{2}^+$ and $\frac{9}{2}^+$ [(0+1) $\hbar\omega$ model space] and at $4.58, 21.69$ and 23.22 MeV, with $J^\pi = \frac{1}{2}^-, \frac{3}{2}^-$ and $\frac{5}{2}^-$ [(0+2) $\hbar\omega$ model space] ([1985PO10](#)).