

Table 11.1 from (1990AJ01): Energy Levels of  $^{11}\text{Li}$  <sup>a</sup>

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

<sup>a</sup> 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](#)).