

Table 5.7 from (2002TI10):
Mirror states in $A = 5$ nuclei ^a

⁵ He		⁵ Li		ΔE_x (MeV) ^b
E_x (MeV)	J^π	E_x (MeV)	J^π	
0	$\frac{3}{2}^-$	0	$\frac{3}{2}^-$	—
1.27	$\frac{1}{2}^-$	1.49	$\frac{1}{2}^-$	+0.22
16.84	$\frac{3}{2}^+$	16.87	$\frac{3}{2}^+$	+0.03
19.14	$\frac{5}{2}^+$	19.71	$\frac{5}{2}^+$	+0.57
19.26	$\frac{3}{2}^+$	25.42	$\frac{3}{2}^+$	+6.16
19.31	$\frac{7}{2}^+$	19.45	$\frac{7}{2}^+$	+0.14
19.96	$\frac{3}{2}^-$	19.28	$\frac{3}{2}^-$	-0.68

^a As taken from Tables 5.1 and 5.3.

^b Defined as $E_x(^5\text{Li}) - E_x(^5\text{He})$.