

Table 7.1 from (1988AJ01): Energy levels of ${}^7\text{He}$ ^a

E_x (MeV) ^b	$J^\pi; T$	$\Gamma_{\text{c.m.}}$ (keV)	Decay	Reactions
g.s.	$(\frac{3}{2})^-; \frac{3}{2}$	160 ± 30	n	1 , 2 , 3 , 4

^a Excited states are calculated at 4.27, 4.55 and 5.38 MeV with $J^\pi = \frac{1}{2}^-, \frac{1}{2}^+$ and $\frac{5}{2}^-$ [(0 + 1) $\hbar\omega$ model space]. In the (0 + 2) $\hbar\omega$ model space the excited states are at 3.43, 5.03 and 7.47 MeV with $J^\pi = \frac{1}{2}^-, \frac{5}{2}^-$ and $\frac{3}{2}^-$ (1985PO10).

^b See also reactions [2](#) and [4](#), and the preliminary reports in (1987BEYI, 1987BO40).