Table 7.1 from (1988AJ01): Energy levels of ^{7}He [a]

$E_{\rm x}$ (MeV) [b]	$J^{\pi}; T$	$\Gamma_{\rm c.m.}$ (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).