

Table 5.1 from (1979AJ01): Energy levels of ${}^5\text{He}$ ^a

E_x (MeV)	$J^\pi; T$	$\Gamma_{\text{c.m.}}$ (MeV)	Decay	Reactions
g.s.	$\frac{3}{2}^-; \frac{1}{2}$	0.60 ± 0.02 ^a	n, α	1 , 4 , 6 , 8 , 9 , 10 , 11 , 12 , 13 , 14 , 15 , 18 , 19 , 20 , 21 , 22 , 23 , 26 , 27 , 29 , 30
4 ± 1	$\frac{1}{2}^-; \frac{1}{2}$	4 ± 1	n, α	4 , 6 , 10 , 18 , 22
16.76 ± 0.13	$\frac{3}{2}^+; \frac{1}{2}$	0.10 ± 0.05	γ , n, d, t, α	1 , 2 , 5 , 6 , 8 , 9 , 11 , 13 , 14 , 15 , 21 , 22
19.8 ± 0.4 ^b	$(\frac{3}{2}, \frac{5}{2})^+; \frac{1}{2}$	2.5 ± 0.5	n, d, t, α	2 , 3 , 5 , 8 , 9 , 10 , 13 , 14 , 15 , 19 , 21 , 22
$24 - 25$ ^b		broad		21 , 22

^a See [Table 5.2 in \(1966LA04\)](#) and reactions [6](#) and [20](#) here.

^b See [\(1974AJ01\)](#), pp. 7 – 8.