

Table 5.1 from (1974AJ01): Energy levels of  ${}^5\text{He}$  <sup>a</sup>

$E_x$ (MeV)	$J^\pi; T$	$\Gamma_{\text{c.m.}}$ (MeV)	Decay	Reactions
g.s.	$\frac{3}{2}^-; \frac{1}{2}$	$0.60 \pm 0.02$ <sup>b</sup>	n, $\alpha$	1, 5, 7, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26
$4 \pm 1.5$	$\frac{1}{2}^-; \frac{1}{2}$	$4 \pm 1.5$	n, $\alpha$	5, 7, 11, 12, 14, 20
$16.76 \pm 0.13$	$\frac{3}{2}^+; \frac{1}{2}$	$0.10 \pm 0.05$	$\gamma$ , n, d, t, $\alpha$	1, 2, 6, 7, 9, 12, 14, 19, 20
$19.9 \pm 0.4$ <sup>a</sup>	$(\frac{3}{2}, \frac{5}{2})^+; \frac{1}{2}$	$3 \pm 0.6$	n, d, t, $\alpha$	2, 4, 6, 11, 17, 19, 20
24 – 25		broad		19, 20

<sup>a</sup> See also the discussion “States of  ${}^5\text{He}$ ” section in  ${}^5\text{He}$ .

<sup>b</sup> See Table 5.2 in (1966LA04).