

Table 5.1 from (1984AJ01): 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>a</sup>	n, $\alpha$	1, 4, 6, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26
$4 \pm 1$	$\frac{1}{2}^-; \frac{1}{2}$	$4 \pm 1$	n, $\alpha$	4, 6, 11, 17, 18, 21
$16.76 \pm 0.13$	$\frac{3}{2}^+; \frac{1}{2}$	$0.10 \pm 0.05$	$\gamma$ , n, d, t, $\alpha$	1, 2, 5, 6, 8, 9, 12, 13, 14, 20, 21
$19.8 \pm 0.4$ <sup>b</sup>	$(\frac{3}{2}, \frac{5}{2})^+; \frac{1}{2}$	$2.5 \pm 0.5$	n, d, t, $\alpha$	2, 3, 5, 8, 9, 11, 13, 14, 16, 20, 21
24 – 25 <sup>b</sup>		broad		20, 21

<sup>a</sup> See Table 5.2 in (1966LA04) and reaction 20 here.

<sup>b</sup> See (1974AJ01), “States of  ${}^5\text{He}$ ” under the “General” section.