

Table 5.3 from (1979AJ01): Energy levels of  ${}^5\text{Li}$  <sup>a</sup>

$E_x$ (MeV)	$J^\pi; T$	$\Gamma_{\text{c.m.}}$ (MeV)	Decay	Reactions
g.s.	$\frac{3}{2}^-; \frac{1}{2}$	$\approx 1.5$	p, $\alpha$	1, 5, 6, 7, 9, 13, 14, 15, 16, 17
5 – 10	$\frac{1}{2}^-; \frac{1}{2}$	$5 \pm 2$	p, $\alpha$	1, 5, 7, 13, 15, 16, 17
$16.66 \pm 0.07$	$\frac{3}{2}^+; \frac{1}{2}$	$\approx 0.3$	$\gamma$ , p, d, ${}^3\text{He}$ , $\alpha$	1, 3, 4, 7, 13, 15
$(18 \pm 1)$	$(\frac{1}{2}^+); \frac{1}{2}$	<b>broad</b>	$\gamma$ , p, d, ${}^3\text{He}$ , $\alpha$	1, 3, 7
$(20.0 \pm 0.5)$	$(\frac{3}{2}, \frac{5}{2})^+; \frac{1}{2}$	$\approx 5$	$\gamma$ , p, d, ${}^3\text{He}$ , $\alpha$	1, 3, 4, 5, 7, 13, 15
<sup>a</sup>				

<sup>a</sup> See also discussion in reactions 3, 4, 7, 14 and 15.