

Table 6.3 from (59AJ76): Levels of  ${}^6\text{Li}$  from  ${}^4\text{He}(d, d){}^4\text{He}$  (GA55A) <sup>a</sup>

$E_{\text{res}}$ (MeV)	$\Gamma$ (keV)	$E_x$ (MeV)	$l_d$	$J^\pi$	$E_\lambda$ <sup>b</sup> (MeV)	$\theta_d^2$
		0	0	1 <sup>+</sup>	-2.26	0.51
$1.070 \pm 0.003$	$35 \pm 5$	2.183	2	3 <sup>+</sup>	2.333	0.80
$4.57 \pm 0.08$	900	4.52	2	2 <sup>+</sup>	7.05	1.0
5.1 – 6.5	1000	4.9 – 5.8	2	1 <sup>+</sup>	5.5 – 9.7	0.2 – 1.0

<sup>a</sup> Interaction radius =  $3.5 \times 10^{-13}$  cm.

<sup>b</sup> Measured from  ${}^6\text{Li}$  ground state.