

Table 6.3 from (79AJ01): Levels of  ${}^6\text{Li}$  from  ${}^4\text{He}(\text{d}, \text{d}){}^4\text{He}$  <sup>a</sup>

$E_{\text{d}}$ (MeV)	$1.070 \pm 0.003$ <sup>b</sup>	$4.8 \pm 0.1$ <sup>c</sup>	$6.26 \pm 0.05$ <sup>d</sup>
$J^{\pi}; T$	$3^{+}; 0$	$2^{+}; 0$	$1^{+}; 0$
$E_{\text{x}}$ (MeV)	2.185	4.7	5.65
reduced elastic width			
$\gamma_{\lambda}^2, l = 0$			0.005
$\gamma_{\lambda}^2, l = 2$	0.80	1.6	2.5
reduced width for proton emission			
$\gamma_{\lambda}^2, l = 1$		1.3	0.8
reduced width for neutron emission			
$\gamma_{\lambda}^2, l = 1$		1.3	0.8
interaction radius $a$ (fm)	3.5	4.2	4.12

<sup>a</sup> See also [Table 6.4 in \(74AJ01\)](#).

<sup>b</sup> [\(GA55A\)](#).

<sup>c</sup> [\(SC72D\)](#).

<sup>d</sup> [\(HA77Q\)](#); error in  $E_{\text{d}}$  is estimated.