

Table 6.5 from (1979AJ01): Levels of  ${}^6\text{Li}$  from  ${}^6\text{Li}(p, p')$ ,  
 ${}^6\text{Li}(d, d')$ ,  ${}^7\text{Li}(d, t)$ ,  ${}^7\text{Li}({}^3\text{He}, \alpha)$  and  ${}^9\text{Be}(p, \alpha)$  <sup>a</sup>

Reaction	Refs.	$E_x$ (MeV $\pm$ keV)	$\Gamma_{c.m.}$ (keV)
(p, p'), (d, d'), (d, t)	(1957BR12)	$2.188 \pm 6$	26.3
( ${}^3\text{He}, \alpha$ )	(1968CO07)	$2.17 \pm 20$	
(p, p'), (p, $\alpha$ )	(1957BR12)	$3.560 \pm 6$	< 5
(p, p' $\gamma$ ), (p, $\alpha\gamma$ )	(1977KI08)	$3.5629 \pm 0.6$	
(p, p')	(1975VO04)	$4.40 \pm 0.12$	$1490 \pm 150$
(d, d')	(1975BR21)	$4.32 \pm 0.04$	$1820 \pm 110$
( ${}^3\text{He}, \alpha$ )	(1975SC31)	$4.3 \pm 0.1$	$600 \pm 100$ <sup>b</sup>
(p, p')	(1975VO04)	$5.33 \pm 0.08$	$560^{+340}_{-100}$
( ${}^3\text{He}, \alpha$ )	(1968CO07)	$5.34 \pm 0.02$	$560 \pm 40$ <sup>c,d</sup>
(p, p')	(1975VO04)	5.7	$1000^{+600}_{-400}$ <sup>d</sup>

<sup>a</sup> See also Table 6.6 in (1974AJ01).

<sup>b</sup> See also Table 6.4.

<sup>c</sup>  $600 \pm 50$  keV (1976DE30) [p,  $\alpha$ ].

<sup>d</sup> See also (1965HA17).