

Table 6.7 from (66LA04):  
Levels of  ${}^6\text{Li}$  from (p, p'), (d, d'),  ${}^9\text{Be}(p, \alpha)$ ,  ${}^7\text{Li}(d, t)$

Reaction	$E_x$ (MeV)	$\Gamma_{\text{c.m.}}$ (keV)	Reference
${}^6\text{Li}(p, p'){}^6\text{Li}^*$	2.188	25.4	(BR57A)
${}^6\text{Li}(d, d'){}^6\text{Li}^*$	2.186	24.5	(BR57A)
${}^9\text{Be}(p, \alpha){}^6\text{Li}$	2.192	29	(BR57A)
${}^9\text{Be}(p, \alpha){}^6\text{Li}$	$2.19 \pm 0.02$	$< 35$	(GR63D)
${}^7\text{Li}(d, t){}^6\text{Li}$	(2.18)	$< 27$	(BR57A)
mean	$2.188 \pm 0.006$	26.3	(BR57A)
${}^6\text{Li}(p, p'){}^6\text{Li}^*$	3.559	$< 5$	(BR57A)
${}^9\text{Be}(p, \alpha){}^6\text{Li}$	3.561		(BR57A)
${}^9\text{Be}(p, \alpha){}^6\text{Li}$	$3.55 \pm 0.02$	$< 35$	(GR63D)
mean	$3.560 \pm 0.006$	$< 5$	(BR57A)
${}^9\text{Be}(p, \alpha){}^6\text{Li}$	$4.40 \pm 0.12$	$350 \pm 150$	(GR63D)
${}^6\text{Li}(p, p'){}^6\text{Li}^*$	$4.4 \pm 0.2$	$\approx 600$	(HA65)
${}^9\text{Be}(p, \alpha){}^6\text{Li}$	$5.32 \pm 0.06$	$280 \pm 60$	(GR63D)
${}^6\text{Li}(p, p'){}^6\text{Li}^*$	$5.4 \pm 0.2$	$\approx 1000$	(HA65)
${}^6\text{Li}(p, p'){}^6\text{Li}^*$	$\approx 6.5$		(HA65)
${}^6\text{Li}(p, p'){}^6\text{Li}^*$	$\approx 7.5$		(HA65)