

Table 6.5 from (1988AJ01): Parameters of levels of ${}^6\text{Li}$ ^a

E_x (MeV \pm keV)	$\Gamma_{\text{c.m.}}$ (keV)	Reactions
2.185 \pm 3 2.187 \pm 3 2.188 \pm 6 2.203 \pm 6	20.0 \pm 2.8 24 \pm 2 ^c	${}^4\text{He}(d, d){}^4\text{He}$ ${}^4\text{He}(d, d){}^4\text{He}$ ${}^6\text{Li}(p, p'), (d, d'), {}^7\text{Li}(d, t){}^6\text{Li}$ ${}^9\text{Be}(p, \alpha){}^6\text{Li}$
2.186 \pm 2 3.56288 \pm 0.10 4.34 \pm 40 4.27 \pm 40 4.40 \pm 120 4.32 \pm 40 4.3 \pm 100 4.3 \pm 200 4.30 \pm 10	24 \pm 2 (8.2 \pm 0.2) $\times 10^{-3}$ 1490 \pm 150 1820 \pm 110 600 \pm 100 1600 \pm 300 850 \pm 50, 480 \pm 80	“best” values Table 6.4 ${}^4\text{He}(d, d){}^4\text{He}$ ${}^6\text{Li}(e, e'){}^6\text{Li}$ ${}^6\text{Li}(p, p'){}^6\text{Li}$ ${}^6\text{Li}(d, d'){}^6\text{Li}$ ${}^7\text{Li}({}^3\text{He}, \alpha){}^6\text{Li}$ ${}^7\text{Li}({}^3\text{He}, \alpha d){}^4\text{He}$ ${}^9\text{Be}(p, \alpha){}^6\text{Li}$
4.312 \pm 22 5.379 \pm 17 ^d 5.33 \pm 80 5.34 \pm 20 5.325 \pm 5	1700 \pm 100 540 \pm 20 ^d 560 ⁺³⁴⁰ ₋₁₀₀ 560 \pm 40 ^b 270 \pm 12	“best” values ${}^6\text{Li}(e, e'){}^6\text{Li}$ ${}^6\text{Li}(p, p'){}^6\text{Li}$ ${}^7\text{Li}({}^3\text{He}, \alpha){}^6\text{Li}$ ${}^9\text{Be}(p, \alpha){}^6\text{Li}$
5.366 \pm 15 5.65 \pm 50 ^e 5.7 5.65 \pm 200 5.65 \pm 40	540 \pm 20 1000 ⁺⁶⁰⁰ ₋₄₀₀ ^b 1650 \pm 300 900 \pm 60, 1260 \pm 120	“best” values ${}^4\text{He}(d, d){}^4\text{He}$ ${}^6\text{Li}(p, p'){}^6\text{Li}$ ${}^7\text{Li}({}^3\text{He}, \alpha d){}^4\text{He}$ ${}^9\text{Be}(p, \alpha){}^6\text{Li}$
5.65 \pm 50	1500 \pm 200	“best” values

^a For references and other values see Tables 6.5 in (1979AJ01, 1984AJ01).

^b See references (c) and (d) in Table 6.5 in (1979AJ01).

^c And C.P. Browne, private communication.

^d See Table 6.4 in (1979AJ01).

^e See Table 6.3 in (1979AJ01).