

Table 11.7 from (1968AJ02):
Resonance parameters in ${}^7\text{Li}(\alpha, \alpha){}^7\text{Li}$ ^a

E_r (MeV)	E_x (MeV)	J^π	$\Gamma_{\text{c.m.}}$ (keV)	Γ_i/Γ_e ^b
1.88	9.86	$\frac{3}{2}^+$	250	4.0
2.50	10.25	$\frac{3}{2}^-$	200	0.04
2.60	10.32	$\frac{5}{2}^-$	100	0
3.03	10.60	$\frac{7}{2}^+$	90	1.0
3.54	11.0	$\frac{5}{2}^-$	4500	1.5
^c		$\frac{1}{2}^+$	4000	4.6
4.10	11.27	$\frac{9}{2}^+$	100	0

^a (1966CU02); assignments not unique: see text.

^b Width ratio: inelastic/elastic.

^c Broad level in background: $E_\lambda(\text{c.m.}) = 1.71$.