

Table 12.37 from (2017KE05):
Summary of $^{12}\text{C}(^6\text{Li}, ^6\text{Li}), (^7\text{Li}, ^7\text{Li})$ angular distributions studies

$E(^6\text{Li})$ (MeV)	^{12}C States	References
4.5-40	g.s., 4.4, 7.7, 9.6, 10.8, 11.8, 12.7, 13.4, 14.1	see references in (1975AJ02)
4.5-100	g.s., 4.4, 7.7	see references in (1980AJ01)
$\vec{20}$ and $\vec{22.8}$		(1976WE10)
9-156	g.s., 4.4, 9.6	see Table 12.20 in (1985AJ01)
24-210	g.s., 4.4, 7.7, 9.6. \approx 10.2, 10.8	see Table 12.20 in (1990AJ01)
12.3	g.s.	(2011BA25)
13	g.s.	(2002LI67, 2013PO08)
20, 50	g.s., 4.44, 7.65, 9.64	(1990TR02)
25.5	g.s.	(2014RO04)
25.5	$^6\text{Li} (\rightarrow d + \alpha)$	(2004SO23, 2005SO14)
$\vec{30}$	g.s., 4.44, 7.65, 9.64	(1994RE01, 1994RE15)
$\vec{30}$	g.s., 4.44	(1996GA29)
$\vec{50}$	g.s., 4.4, 7.65, 9.64	(1995KE10, 1996KE09)
54	g.s.	(2004CA46)
63	g.s.	(2005MB12)
318	g.s.	(1993NA01)
600	g.s., $^6\text{Li} (\rightarrow d + \alpha)$	(2000SC11)
$E(^{12}\text{C}) = 100$	g.s.	(1996KE09)
$E_{\text{cm}} = 2-16$	g.s., 4.44	(1995CA26)
$E(^7\text{Li})$ (MeV)	^{12}C States	References
4.5-36	g.s., 4.4	see references in (1975AJ02)
4.5-89	g.s., 4.4 ($\beta_2^2 = 0.51 \pm 0.02$)	see references in (1980AJ01)
34-78.7	g.s., 4.4, 7.7, 9.6	see Table 12.20 in (1985AJ01)
34-131.8	g.s., 4.4, 7.7, 9.6	see Table 12.20 in (1990AJ01)
7.5, 9, 12, 15	g.s.	(2007PA33)
13	g.s.	(2002LI67)
$\vec{34}$	g.s.	(2001BA29, 2001BA57, 2006MO24)
$\vec{34}$	g.s., 4.4, 7.7, 9.6	(2000BA75, 2002KE04)
350	g.s.	(1995NA16)