

Table 12.6 from (2017KE05): States observed in ${}^7\text{Li}({}^7\text{Li}, {}^8\text{Li} + \alpha)$ and ${}^7\text{Li}({}^7\text{Li}, {}^9\text{Be} + \text{t})$

E_x (MeV)	Breakup mode	Branching ratio
11.67	$\alpha + {}^8\text{Li}$	≈ 100
13.44	$\alpha + {}^8\text{Li}$	≈ 100
14.1	$\alpha + {}^8\text{Li}$	> 94.9
	$\text{t} + {}^9\text{Be}$	< 5.1
15.90	$\alpha + {}^8\text{Li}$	99.6 ± 4.2
(15.87)	$\text{t} + {}^9\text{Be}$	0.4 ± 0.2