Table 13.3 from (1976AJ04): Proton groups from ^{7}Li(^{7}Li, p)^{13}B and ^{11}B(t, p)^{13}B

^{7}Li(^{7}Li, p)^{13}B		^{11}B(t, p)^{13}B			
(1959MO12, 1963CA09)	(1972WY01)	(1964MI04)			(1975AJ1C) [f]
E_x (MeV ± keV)		E_x (MeV ± keV)	L	J^π	E_x (MeV ± keV)
0		0	0	$\frac{3}{2}^-$	0
		3.483 ± 5	1	$(\frac{1}{2}, \frac{3}{2}, \frac{5}{2})^+$	3.483 ± 10
3.50 ± 50 [a]					
		3.533 ± 5	2	$(\frac{1}{2}, \frac{5}{2}, \frac{7}{2})^-$	3.532 ± 10
		3.681 ± 5	1	$(\frac{1}{2}, \frac{3}{2}, \frac{5}{2})^+$	3.683 ± 10
3.70 ± 50 [b]					
		3.712 ± 5	2	$(\frac{1}{2}, \frac{5}{2}, \frac{7}{2})^-$	3.716 ± 10
4.16 ± 50 [c]	[d]	4.13 ± 10	2	$(\frac{1}{2}, \frac{5}{2}, \frac{7}{2})^-$	4.130 ± 10
	4.833 ± 10	4.82 ± 10			4.832 ± 10
5.05 ± 80	5.033 ± 8	5.01 ± 10	1	$(\frac{1}{2}, \frac{3}{2}, \frac{5}{2})^+$	5.020 ± 10
					5.109 ± 10 [g]
	5.391 ± 8	5.38 ± 10 [e]			5.388 ± 10 [h]
	5.557 ± 8				
	6.169 ± 8	6.17 ± 20			6.165 ± 10
	6.419 ± 8				
	6.939 ± 15				
	7.516 ± 8				
	7.859 ± 20				
	8.129 ± 10				
	8.682 ± 9				

[a] The decay is by γ_0.

[b] The decay is primarily by γ_0: the upper limit to the cascade via ^{13}B*(3.5) is 10%.

[c] The decay is $75 \pm 10\%$, $25 \pm 10\%$ and $< 10\%$, respectively to ^{13}B*(0, 3.5, 3.7).

[d] All values in this column are based on $E_x = 4131$ keV for ^{13}B*(4.13).

[e] $\Gamma = 15 \pm 5$ keV.

[f] And O. Hansen, private communication.

[g] $\Gamma_{cm} = 60 \pm 8$ keV.

[h] $\Gamma_{cm} = 10 \pm 10$ keV.