Table 13.3 from (1981AJ01): Proton groups from ^{7}Li(^{7}Li, p)^{13}B and ^{11}B(t, p)^{13}B

^{7}Li(^{7}Li, p)^{13}B (1972WY01)	^{11}B(t, p)^{13}B				
	(1964MI04)			(1978AJ02)	
E_x (MeV ± keV)	E_x (MeV ± keV)	L	J^π	E_x (MeV ± keV)	Γ_{cm} (keV)
0	0	0	$\frac{3}{2}^-$	0	
	3.483 ± 5	1	$(\frac{1}{2}, \frac{3}{2}, \frac{5}{2})^+$ [g]	3.482 ± 10	
[a]	3.533 ± 5	2	$(\frac{1}{2}, \frac{5}{2}, \frac{7}{2})^-$ [g]	3.531 ± 10	
	3.681 ± 5	1	$(\frac{1}{2}, \frac{3}{2}, \frac{5}{2})^+$ [g]	3.681 ± 10	
[a,b]	3.712 ± 5	2	$(\frac{1}{2}, \frac{5}{2}, \frac{7}{2})^-$ [g]	3.715 ± 10	
[c,d]	4.13 ± 10	2	$(\frac{1}{2}, \frac{5}{2}, \frac{7}{2})^-$ [g]	4.128 ± 10	
4.833 ± 10	4.82 ± 10			4.834 ± 10	
5.033 ± 8	5.01 ± 10	1	$(\frac{1}{2}, \frac{3}{2}, \frac{5}{2})^+$ [g]	5.023 ± 10	
				5.106 ± 10	60 ± 10
5.391 ± 8	5.38 ± 10 [e]			5.393 ± 10	10 ± 10
5.557 ± 8				[f]	
6.169 ± 8	6.17 ± 20			6.164 ± 10	
6.419 ± 8				6.434 ± 10	36 ± 5
6.939 ± 15				6.932 ± 10 [h]	55 ± 15
7.516 ± 8				[f]	
7.859 ± 20				[f]	
8.129 ± 10				8.138 ± 10	100 ± 15
8.682 ± 9				8.684 ± 10	89 ± 20
				9.44 ± 30	81 ± 25
				10.22 ± 20	210 ± 20
				10.89 ± 20	
				(11.80)	

[a] See text.

[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] Not observed.

[g] See, however, (1978AJ02), p. 1289.

[h] $L \geq 4$.