

Table 12.11 from (1968AJ02):
 Maxima in yields of $^{11}\text{B}(p, n)^{11}\text{C}$ and $^{11}\text{B}(p, p')^{11}\text{B}^*$

Peak number	(1955BA22, 1964BA16) ^d		(1959GI47) ^d	(1961LE11) ^d			(1965OV01) ^{c,d}	
	E_p (MeV)	Γ_{lab} (keV)	E_p (MeV)	E_p (MeV)	Γ_{lab} (keV)	σ (mb)	E_p (MeV)	res. in group(s)
1								
2								
3	3.17	100	3.18 ^a					
4	3.65	500	3.67 ^a					
5								
6	4.05	200					4.10	n ₀
7								
8	4.70	150	4.70				4.62	n ₀
9	5.10	150	5.10	5.065	210	335	5.07	n ₀
10	5.5			5.48	300	308	5.50	n ₀
11	6.05	500		6.03	610	430	6.01	n ₀ , n ₁
12							6.4	n ₀
13	7.30	300		7.28	420	365	7.3	n ₀ , n ₁
14	7.75	60		7.73	70	322	7.73	n ₀ , n ₁
15	8.26	350		8.25	410	363	8.25	n ₀ , n ₁
16	(8.30)	(≤ 50)						
17	8.67 ^b	140		8.64	230	370	8.6	n ₀ , n ₂
18	9.0							
19	9.26	80		9.24	140	320	9.25	n ₀ , n ₂
20	9.7			9.79	1000	295	9.79	n ₀ , n ₁
21	10.16 ^b	200		10.13	150	310	10.1	n ₀ , n ₂
22	10.92 ^b	400		10.91	480	282	10.9	n ₀
23	11.88 ^b	300						
Peak number	(1955BA22) ^e		(1963AN12) ^f		(1965SE06) ^g		E_x (MeV)	
	E_p (MeV)	Γ_{lab} (keV)	E_p (MeV)	Γ_{lab} (keV)	E_p (MeV)	Γ_{lab} (keV)		
1			2.0		1.98 ^f		17.77	
2	2.664	48	2.63	≈ 300	2.66 ^{e,f}	46	18.40	
3	3.15	100	3.15	≈ 90	3.15 ^{e,f}	100	18.86	
4	3.4	500			3.5 ^e	broad	19.3	

Table 12.11 from (1968AJ02):
 Maxima in yields of $^{11}\text{B}(p, n)^{11}\text{C}$ and $^{11}\text{B}(p, p')^{11}\text{B}^*$ (continued)

Peak number	(1955BA22) ^e		(1963AN12) ^f		(1965SE06) ^g		E_x (MeV)
	E_p (MeV)	Γ_{lab} (keV)	E_p (MeV)	Γ_{lab} (keV)	E_p (MeV)	Γ_{lab} (keV)	
5	3.78	50					19.42
6							19.69
7	4.28	100					19.88
8	4.68	200					20.24
9	5.13	200					20.60
10							20.99
11							21.49
12							21.8
13							22.64
14							23.04
15							23.52
16							(23.56)
17							23.89
18							24.2
19							24.44
20							24.93
21							25.26
22							25.96
23							26.84

^a (1965SE06): $E_p = 3.12$ and ≈ 3.65 MeV.

^b See also (1960FU1A).

^c Widths ≈ 200 keV, except $E_p = 6.4$ and ≥ 9.25 which are wider.

^d (p, n).

^e (p, p').

^f (p, p).

^g See also Table 12.10.