

^{11}Be $Z = 4$ $N = 7$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 65.478 (0.000) MeV

Qbeta- = 11.509 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
11BE 1	0.000	3/2 1/2+			1 13.76 S 7
11BE 2			0.320	1/2-	2 115 FS 10
S-n =	0.502 (0.000)				
11BE 3	1.783	5/2+			3 100 KEV 10
11BE 4			2.654	3/2-	4 206 KEV 8
11BE 5			3.400	3/2-	5 122 KEV 8
11BE 6				3.889 (3/2+,5/2-)	6 8 KEV LT
11BE 7			3.955	3/2-	7 10 KEV 5
11BE 8			5.255	5/2-	8 45 KEV 10
11BE 9				5.400	9
11BE 10	5.849	1/2+			10 139 KEV 17
11BE 11				5.980	11
11BE 12				6.050	12 320 KEV 40
11BE 13				6.300	13
11BE 14				6.510	14 120 KEV 50
11BE 15				6.705 (7/2-)	15 40 KEV 20
11BE 16				7.030 (5/2-)	16 0.30 MEV 10
11BE 17				7.100	17
S-2n =	7.314 (0.000)				
11BE 18			8.020	3/2-	18 230 KEV 55
11BE 19			8.200	3/2-	19
S-alpha=	8.321 (0.008)				
11BE 20				8.813 3/2-, (9/2-)	20 0.20 MEV 5
11BE 21				9.400	21 7.0 MEV 5
11BE 22				9.600	22
S-p =	20.164 (0.013)				
S-n =	0.502 (0.000)				
S-2p =	35.337 (0.047)				
S-2n =	7.314 (0.000)				
S-alpha=	8.321 (0.008)				
S+p =	-14.097 (0.001)				
S+n =	-3.171 (0.002)				
S+2p =	-31.630 (0.000)				
S+2n =	-2.661 (0.010)				
S+alpha =	-12.729 (0.001)				

gap p = 6.068 (0.013)
gap n = -2.669 (0.002)
gap 2p = 3.706 (0.047)
gap 2n = 4.653 (0.010)
gap alpha = -4.408 (0.008)