

^{11}C $Z = 6$ $N = 5$ adopted link ENSDF link

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

BE = 73.441 (0.000) MeV

Qbeta+ = 1.982 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
11C 1			0.000 1/2 3/2-		1 20.364 M 14
11C 2			2.000 1/2-		2 7.1 FS 5
11C 3			4.319 5/2-		3 8.3 FS LT
11C 4			4.804 3/2-		4 7.6 FS LT
11C 5	6.339	1/2+			5 76.2 FS LT
11C 6			6.478 7/2-		6 5.5 FS LT
11C 7	6.905	5/2+			7 48 FS LT
11C 8	7.400	3/2+			8
11C 9	7.500	3/2+			9 63 FS LT

S-alpha=	7.545 (0.000)	-----			
11C 10			8.104 3/2-		10 6 EV +12-2

11C 11			8.420 5/2-		11 0.030 FS 8
11C 12	8.654	7/2+			12 5 KEV LE

S-p	= 8.690 (0.000)	-----			
11C 13	8.699	5/2+			13 15 KEV 1
11C 14	9.200	5/2+			14 500 KEV 90
11C 15				9.645 (3/2-)	15 210 KEV 40
11C 16				9.780 (5/2-)	16 240 KEV 50
11C 17				9.970 (7/2-)	17 120 KEV 20

S-p = 8.690 (0.000)-----

S-n = 13.121 (0.000)-----

S-2p = 15.277 (0.000)-----

S-2n = 34.404 (0.002)-----

S-alpha= 7.545 (0.000)-----

S+p = -0.600 (0.001)

S+n = -18.721 (0.000)

S+2p = -2.112 (0.010)

S+2n = -23.667 (0.000)

S+alpha = -10.219 (0.000)

gap p = 8.090 (0.001)

gap n = -5.600 (0.000)

gap 2p = 13.165 (0.010)

gap 2n = 10.737 (0.002)

gap alpha = -2.674 (0.001)