

^{13}C $Z = 6$ $N = 7$ adopted link ENSDF link

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

BE = 97.108 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
13C	1		0.000 1/2 1/2-		1 STABLE
13C	2 3.089	1/2+			2 1.07 FS 10
13C	3		3.685 3/2-		3 1.10 FS 9
13C	4 3.854	5/2+			4 8.60 PS 14
S-n	= 4.946 (0.000)	-----			
13C	5 6.864	5/2+			5 6 KEV
13C	6			7.492 (7/2+)	6 5 KEV LT
13C	7		7.547 5/2-		7 1.2 KEV 3
13C	8 7.686	3/2+			8 70 KEV 5
13C	9 8.200	3/2+			9 1100 KEV 300
13C	10		8.860 1/2-		10 150 KEV 30

13C	11 9.500	9/2+			11 5 KEV LE
13C	12		9.897 3/2-		12 26 KEV 3

S-p = 17.533 (0.001)-----
 S-n = 4.946 (0.000)-----
 S-2p = 31.630 (0.000)-----
 S-2n = 23.667 (0.000)-----
 S-alpha= 10.648 (0.000)-----

S+p = -7.551 (0.000)
 S+n = -8.176 (0.000)
 S+2p = -14.847 (0.000)
 S+2n = -9.394 (0.001)
 S+alpha = -6.359 (0.000)

gap p = 9.983 (0.001)
 gap n = -3.230 (0.000)
 gap 2p = 16.783 (0.001)
 gap 2n = 14.273 (0.001)
 gap alpha = 4.290 (0.000)