

^{18}C $Z = 6$ $N = 12$ adopted link ENSDF link

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

BE = 115.670 (0.030) MeV

Qbeta- = 11.806 (0.035) MeV

	Energy T	J+	J-	J-other	T1/2
18C	1 0.000 3	0+			1 92 MS 2
18C	2 1.588 3	2+			2 15.5 PS 25
18C	3			2.515 3 (2+)	3 3.2 PS LT
18C	4			3.972 3 (2,3)+	4

S-p = 26.086 (0.206)-----
 S-n = 4.184 (0.035)-----
 S-2p = 47.106 (0.168)-----
 S-2n = 4.918 (0.030)-----
 S-alpha= 17.460 (0.136)-----

S+p = -16.352 (0.034)
 S+n = -0.577 (0.103)
 S+2p = -35.701 (0.030)
 S+2n = -3.558 (0.233)
 S+alpha = -18.061 (0.064)

gap p = 9.734 (0.209)
 gap n = 3.607 (0.109)
 gap 2p = 11.405 (0.171)
 gap 2n = 1.359 (0.235)
 gap alpha = -0.601 (0.150)