

^{15}C $Z = 6$ $N = 9$ adopted link ENSDF link

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

BE = 106.503 (0.001) MeV

Qbeta- = 9.772 (0.001) MeV

	Energy T	J+	J-	J-other	T1/2
15C	1 0.000	3/2 1/2+			1 2.449 S 5
15C	2 0.740	5/2+			2 2.61 NS 7
S-n	= 1.218 (0.001)	-----			
15C	3		3.103	1/2-	3 40 KEV LE
15C	4		4.220	5/2-	4 14 KEV LE
15C	5		4.657	3/2-	5
15C	6 4.780	3/2+			6 1740 KEV 400
15C	7			5.833 (3/2+)	7 64 KEV 8
15C	8		5.866	1/2-	8
15C	9			6.358 (5/2,7/2+,9/2+)	9 20 KEV LT
15C	10			6.417 (3/2 TO 7/2)	10 50 KEV AP
15C	11			6.449 (9/2-,11/2)	11 14 KEV LT
15C	12			6.536	12 14 KEV LT
15C	13			6.626 (3/2)	13 20 KEV 10
15C	14			6.841	14 14 KEV LT
15C	15			6.881 (9/2)	15 20 KEV LT
15C	16			7.095 (3/2)	16 15 KEV LT
15C	17			7.352 (9/2,11/2)	17 20 KEV 10
15C	18			7.414	18
15C	19			7.750	19
15C	20			8.010	20
15C	21			8.110	21
15C	22			8.470 (9/2 TO 13/2)	22 40 KEV 15
15C	23			8.559 (7/2 TO 13/2)	23 40 KEV 15
15C	24			9.000	24
S-2n	= 9.394 (0.001)	-----			
15C	25			9.730	25
15C	26			9.789 (9/2 TO 15/2)	26 20 KEV 15
S-p	= 21.080 (0.021)	-----			
S-n	= 1.218 (0.001)	-----			
S-2p	= 38.364 (0.010)	-----			
S-2n	= 9.394 (0.001)	-----			
S-alpha	= 12.729 (0.001)	-----			
S+p	= -11.478 (0.002)				
S+n	= -4.250 (0.004)				

S+2p = -25.260 (0.001)
S+2n = -4.984 (0.017)
S+alpha = -8.965 (0.003)

gap p = 9.601 (0.021)
gap n = -3.032 (0.004)
gap 2p = 13.104 (0.010)
gap 2n = 4.411 (0.017)
gap alpha = 3.764 (0.003)