

${}^9\text{C}$ $Z = 6$ $N = 3$ adopted link ENSDF link

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

BE = 39.037 (0.002) MeV

Qbeta+ = 16.494 (0.002) MeV

	Energy T	J+	J-	J-other	T1/2

9C 1			0.000 3/2 3/2-		1 126.5 MS 10
S-p	= 1.300 (0.002)	-----			
S-2p	= 1.436 (0.002)	-----			
9C 2			2.218 3/2 1/2-		2 52 KEV 11
9C 3			3.542 3/2 5/2-		3 673 KEV 50
9C 4	4.400 3/2 5/2+				4 2.75 MEV 11
9C 5				5.750 3/2	5 601 KEV 50
9C 6				9.000	6

S-p	= 1.300 (0.002)	-----
S-n	= 14.225 (0.018)	-----
S-2p	= 1.436 (0.002)	-----
S-2n	= 0.000 (0.000)	-----
S-alpha	= 10.651 (2.005)	-----

S+p	= 2.600 (0.400)
S+n	= -21.284 (0.002)
S+2p	= 4.250 (0.060)
S+2n	= -34.404 (0.002)
S+alpha	= -8.220 (0.010)

gap p	= 3.900 (0.400)
gap n	= -7.059 (0.018)
gap 2p	= 5.686 (0.060)
gap 2n	= 0.000 (0.000)
gap alpha	= 2.431 (2.005)