

^{15}N $Z = 7$ $N = 8$ adopted link ENSDF link

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

BE = 115.492 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
15N 1			0.000 1/2 1/2-		1 STABLE
15N 2	5.270	5/2+			2 1.79 PS 10
15N 3	5.299	1/2+			3 17 FS 5
15N 4			6.324 3/2-		4 0.146 FS 8
15N 5	7.155	5/2+			5 12 FS 6
15N 6	7.301	3/2+			6 0.42 FS 4
15N 7	7.567	7/2+			7 8 FS +8-4
15N 8	8.313	1/2+			8 1.2 FS 8
15N 9	8.571	3/2+			9 0.5 FS 5
15N 10	9.050	1/2+			10 0.35 FS 6
15N 11			9.152 3/2-		11 0.97 FS 25
15N 12	9.155	5/2+			12 5 FS +4-2
15N 13			9.222 1/2-		13 90 FS LT
15N 14			9.760 5/2-		14 1.8 FS 6
15N 15			9.829 7/2-		15 12 FS 5
15N 16			9.925 3/2-		16 0.21 FS 4

S-p = 10.207 (0.000)-----
 S-n = 10.833 (0.000)-----
 S-2p = 31.038 (0.001)-----
 S-2n = 21.387 (0.000)-----
 S-alpha= 10.991 (0.000)-----

S+p = -12.127 (0.000)
 S+n = -2.489 (0.002)
 S+2p = -12.728 (0.000)
 S+2n = -8.374 (0.015)
 S+alpha = -4.014 (0.000)

gap p = -1.920 (0.000)
 gap n = 8.344 (0.002)
 gap 2p = 18.311 (0.001)
 gap 2n = 13.013 (0.015)
 gap alpha = 6.977 (0.000)