

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

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

BE = 111.955 ( 0.000) MeV

Qbeta+ = 2.754 ( 0.000) MeV

	Energy T	J+	J-	J-other	T1/2
150 1			0.000	1/2-	1 122.24 S 16
150 2	5.183	1/2+			2 5.7 FS 7
150 3	5.241	5/2+			3 2.25 PS 21
150 4			6.176	3/2-	4 1.74 FS LT
150 5	6.793	3/2+			5 20 FS LT
150 6	6.859	5/2+			6 11.1 FS 17
150 7	7.276	7/2+			7 0.49 PS 11
S-p	= 7.297 ( 0.000)	-----			
150 8	7.556	1/2+			8 0.99 KEV 10
150 9	8.284	3/2+			9 3.6 KEV 7
150 10	8.743	1/2+			10 32 KEV
150 11	8.922	5/2+			11 3.3 KEV 3
150 12	8.922	1/2+			12 7.5 KEV
150 13				8.982 (1/2)-	13 3.9 KEV 4
150 14				9.484 (3/2)+	14 200 KEV AP
150 15			9.488	5/2-	15 10.1 KEV 5
150 16			9.609	3/2-	16 8.8 KEV 5
150 17				9.662 (7/2,9/2)-	17 2 KEV 1

S-p = 7.297 ( 0.000)-----

S-n = 13.223 ( 0.000)-----

S-2p = 14.847 ( 0.000)-----

S-2n = 36.402 ( 0.010)-----

S-alpha= 10.219 ( 0.000)-----

S+p = 0.531 ( 0.005)

S+n = -15.664 ( 0.000)

S+2p = -0.933 ( 0.001)

S+2n = -19.807 ( 0.000)

S+alpha = -3.528 ( 0.001)

gap p = 7.827 ( 0.005)

gap n = -2.440 ( 0.001)

gap 2p = 13.914 ( 0.001)

gap 2n = 16.595 ( 0.010)

gap alpha = 6.690 ( 0.001)