

^{166}Os $Z = 76$ $N = 90$ adopted link ENSDF link

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

BE = 1305.812 (0.018) MeV

Qbeta+ = 6.406 (0.090) MeV

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

S-alpha=	-6.143	(0.025)	-----		
1660S	1 0.000	0+			1 213 MS 5
1660S	2 0.432	2+			2
1660S	3 1.021	4+			3
1660S	4			1.562 (3-)	4
1660S	5 1.725	6+			5
S-2p =	1.774	(0.020)	-----		
1660S	6			1.931 (5-)	6

S-p =	2.061	(0.030)	-----		
1660S	7 2.351	8+			7
1660S	8			2.426 (6-)	8
1660S	9			2.452 (7-)	9
1660S	10 3.009	10+			10

1660S	11			3.026 (8-)	11
1660S	12			3.521 (12+)	12
1660S	13			3.911 (14+)	13

S-p = 2.061 (0.030)-----

S-n = 11.717 (0.166)-----

S-2p = 1.774 (0.020)-----

S-2n = 21.149 (0.151)-----

S-alpha= -6.143 (0.025)-----

S+p = 1.070 (0.026)

S+n = -9.139 (0.083)

S+2p = -0.156 (0.151)

S+2n = -20.706 (0.021)

S+alpha = 6.707 (0.026)

gap p = 3.131 (0.039)

gap n = 2.578 (0.186)

gap 2p = 1.617 (0.152)

gap 2n = 0.443 (0.152)

gap alpha = 0.565 (0.036)