

^{166}Os $Z = 76$ $N = 90$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1305.812 (0.018) MeV

Qbeta+ = 6.462 (0.075) 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 = 0.000 (0.000)-----

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

S-2n = 21.152 (0.151)-----

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

S+p = 1.070 (0.026)

S+n = -9.142 (0.075)

S+2p = -0.154 (0.151)

S+2n = -20.706 (0.020)

S+alpha = 6.707 (0.026)

gap p = 3.131 (0.039)

gap n = 0.000 (0.000)

gap 2p = 1.620 (0.152)

gap 2n = 0.446 (0.152)

gap alpha = 0.564 (0.036)