

^{170}Os $Z = 76$ $N = 94$ adopted link ENSDF link

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

BE = 1346.591 (0.010) MeV

Qbeta+ = 4.978 (0.015) MeV

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

S-alpha=	-5.537 (0.014)	-----			
1700S 1	0.000	0+			1 7.37 S 18
1700S 2	0.287	2+			2
1700S 3	0.750	4+			3
1700S 4	1.325	6+			4
1700S 5				1.697 5(-)	5
1700S 6	1.946	8+			6
1700S 7				2.084 7(-)	7
1700S 8				2.503 9(-)	8
1700S 9	2.545	10+			9
1700S 10				2.611	10

1700S 11				2.667	11
S-p =	2.805 (0.015)	-----			
1700S 12				2.832 11(-)	12
1700S 13				2.841 (10+)	13
1700S 14				2.959 (12+)	14
1700S 15				3.054	15
1700S 16				3.130 12(+)	16
1700S 17				3.266 (14+)	17
1700S 18				3.280 13(-)	18
S-2p =	3.611 (0.016)	-----			
1700S 19				3.707	19
1700S 20				3.743 (16+)	20

1700S 21				3.861 (15-)	21
1700S 22				4.349 (18+)	22
1700S 23				4.513 (17-)	23
1700S 24				5.056 (20+)	24
1700S 25				5.139 (19-)	25
1700S 26				5.720 (21-)	26
1700S 27				5.848 (22+)	27
1700S 28				6.398 (23-)	28
1700S 29				6.707 (24+)	29

S-p = 2.805 (0.015)-----
S-n = 11.274 (0.028)-----
S-2p = 3.611 (0.016)-----
S-2n = 20.073 (0.014)-----

S-alpha= -5.537 (0.014)-----

S+p = 0.225 (0.040)

S+n = -8.443 (0.021)

S+2p = -1.759 (0.014)

S+2n = -19.461 (0.016)

S+alpha = 6.183 (0.014)

gap p = 3.030 (0.042)

gap n = 2.831 (0.035)

gap 2p = 1.852 (0.022)

gap 2n = 0.613 (0.021)

gap alpha = 0.646 (0.020)