

^{175}Os $Z = 76$ $N = 99$ adopted link ENSDF link

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

BE = 1393.128 (0.012) MeV

Qbeta+ = 5.183 (0.030) MeV

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

S-alpha=	-4.556	(0.030)	-----		
1750S 1				0.000 (5/2-)	1 1.4 M 1
1750S 2				0.090 (7/2-)	2
1750S 3				0.102 (1/2-)	3
1750S 4				0.106 (7/2+)	4 10 NS 2
1750S 5				0.148 (9/2+)	5
1750S 6				0.176 (3/2-)	6
1750S 7				0.194 (5/2-)	7
1750S 8				0.208 (9/2-)	8
1750S 9				0.218 (11/2+)	9
1750S 10				0.279 (13/2+)	10

1750S 11				0.347 (11/2-)	11
1750S 12				0.356 (7/2-)	12
1750S 13				0.382 (9/2-)	13
1750S 14				0.444 (15/2+)	14
1750S 15				0.504	15
1750S 16				0.505 (13/2-)	16
1750S 17				0.524 (17/2+)	17
1750S 18				0.615 (11/2-)	18
1750S 19				0.645 (13/2-)	19
1750S 20				0.680 (15/2-)	20

1750S 21				0.784 (19/2+)	21
1750S 22				0.869 (17/2-)	22
1750S 23				0.890 (21/2+)	23
1750S 24				0.940 (15/2-)	24
1750S 25				0.970 (17/2-)	25
1750S 26				1.073 (19/2-)	26
1750S 27				1.211 (23/2+)	27
1750S 28				1.289 (21/2-)	28
1750S 29				1.327 (19/2-)	29
1750S 30				1.351 (25/2+)	30

1750S 31				1.352 (21/2-)	31
1750S 32				1.518 (23/2-)	32
1750S 33				1.708 (27/2+)	33
1750S 34				1.757 (25/2-)	34
1750S 35				1.771 (23/2-)	35
1750S 36				1.786 (25/2-)	36

1750S 37				1.881	(29/2+)	37
1750S 38				2.011	(27/2-)	38
1750S 39				2.266	(29/2-)	39
1750S 40				2.268	(31/2+)	40

1750S 41				2.268	(27/2-)	41
1750S 42				2.274	(29/2-)	42
1750S 43				2.471	(33/2+)	43
1750S 44				2.549	(31/2-)	44
1750S 45				2.795	(33/2-)	45
1750S 46				2.816	(31/2-)	46
1750S 47				2.833	(33/2-)	47
1750S 48				2.886	(35/2+)	48
1750S 49				3.116	(37/2+)	49
1750S 50				3.126	(35/2-)	50

1750S 51				3.369	(37/2-)	51
1750S 52				3.410	(35/2-)	52
1750S 53				3.438	(37/2-)	53
1750S 54				3.560	(39/2+)	54
S-p	=	3.721	(0.030)	-----		
1750S 55				3.741	(39/2-)	55
1750S 56				3.815	(41/2+)	56
1750S 57				3.993	(41/2-)	57
1750S 58				4.059	(39/2-)	58
1750S 59				4.086	(41/2-)	59
1750S 60				4.289	(43/2+)	60

1750S 61				4.404	(43/2-)	61
1750S 62				4.563	(45/2+)	62
1750S 63				4.667	(45/2-)	63
1750S 64				4.772	(45/2-)	64
1750S 65				5.065	(47/2+)	65
1750S 66				5.115	(47/2-)	66
1750S 67				5.352	(49/2+)	67
1750S 68				5.391	(49/2-)	68
1750S 69				5.881	(51/2+)	69
S-2p	=	5.956	(0.030)	-----		
1750S 70				6.170	(53/2+)	70

1750S 71				6.172	(53/2-)	71
1750S 72				7.008	(57/2+)	72

S-p	=	3.721	(0.030)	-----		
S-n	=	8.181	(0.016)	-----		
S-2p	=	5.956	(0.030)	-----		
S-2n	=	18.810	(0.019)	-----		
S-alpha	=	-4.556	(0.030)	-----		

S+p = -1.066 (0.014)
S+n = -10.097 (0.016)
S+2p = -3.843 (0.019)
S+2n = -17.994 (0.019)
S+alpha = 5.412 (0.014)

gap p = 2.656 (0.034)
gap n = -1.916 (0.022)
gap 2p = 2.113 (0.036)
gap 2n = 0.816 (0.027)
gap alpha = 0.857 (0.033)