

$^{176}\text{Os}$        $Z = 76$        $N = 100$       [link to full NNDC output](#)

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

BE = 1403.192 ( 0.028) MeV

Qbeta+ = 2.965 ( 0.040) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-4.574	( 0.039)	-----		
1760S 1	0.000	0+			1    3.6 M    5
1760S 2	0.135	2+			2
1760S 3	0.396	4+			3
1760S 4	0.601	0+			4
1760S 5	0.742	2+			5
1760S 6	0.743	6+			6
1760S 7	0.864	2+			7
1760S 8	1.026	4+			8
1760S 9	1.038	3+			9
1760S 10	1.158	8+			10
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1760S 11	1.224	4+			11
1760S 12				1.350 (3)-	12
1760S 13	1.410	5+			13
1760S 14	1.432	6+			14
1760S 15				1.475 (4)-	15
1760S 16				1.517 (5)-	16
1760S 17	1.634	10+			17
1760S 18				1.708 (6-)	18
1760S 19				1.754 (7-)	19
1760S 20				1.930	20
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1760S 21				1.979 (7)	21
1760S 22				2.021 (8-)	22
1760S 23				2.076 (9-)	23
1760S 24				2.103	24
1760S 25				2.139	25
1760S 26	2.168	12+			26
1760S 27				2.265 (9)	27
1760S 28				2.395 (10-)	28
1760S 29				2.474 (11-)	29
1760S 30				2.571 (12+)	30
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1760S 31				2.622 (11)	31
1760S 32	2.755	14+			32
1760S 33				2.818 (12-)	33
1760S 34				2.938 (13-)	34
1760S 35				3.051 (13)	35
1760S 36				3.295 (14-)	36

1760S 37		3.382	16+				37
1760S 38						3.457 (15-)	38
1760S 39						3.547 (15)	39
1760S 40						3.567 (16+)	40
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1760S 41						3.829 (16-)	41
1760S 42		4.019	18+				42
1760S 43						4.024 (17-)	43
S-p	=	4.099	( 0.040)	-----	-----	-----	-----
1760S 44						4.100 (17)	44
1760S 45						4.177 (18+)	45
1760S 46						4.420 (18-)	46
1760S 47						4.635 (19-)	47
1760S 48						4.683 (20+)	48
1760S 49						4.699 (19)	49
1760S 50						5.043 (20-)	50
-----							
1760S 51						5.287 (21-)	51
1760S 52						5.349 (21)	52
1760S 53						5.399 (22+)	53
1760S 54						5.976 (23-)	54
1760S 55						6.057 (23)	55
1760S 56						6.147 (24+)	56
S-2p	=	6.449	( 0.040)	-----	-----	-----	-----
1760S 57						6.683 (25-)	57
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S-p	=	4.099	( 0.040)	-----	-----	-----	-----
S-n	=	10.064	( 0.030)	-----	-----	-----	-----
S-2p	=	6.449	( 0.040)	-----	-----	-----	-----
S-2n	=	18.245	( 0.030)	-----	-----	-----	-----
S-alpha	=	-4.574	( 0.039)	-----	-----	-----	-----
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S+p	=	-1.238	( 0.034)				
S+n	=	-7.930	( 0.032)				
S+2p	=	-4.477	( 0.030)				
S+2n	=	-17.589	( 0.031)				
S+alpha	=	5.237	( 0.030)				
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gap p	=	2.860	( 0.052)				
gap n	=	2.134	( 0.044)				
gap 2p	=	1.972	( 0.050)				
gap 2n	=	0.656	( 0.043)				
gap alpha	=	0.663	( 0.050)				