

^{192}Os $Z = 76$ $N = 116$ adopted link ENSDF link

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

BE = 1526.117 (0.002) MeV

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

S-alpha=	-0.361	(0.004)	-----		
192OS 1	0.000	0+			1 STABLE
192OS 2	0.206	2+			2 288 PS 4
192OS 3	0.489	2+			3 32.6 PS +9-10
192OS 4	0.580	4+			4 14.7 PS 4
192OS 5	0.690	3+			5
192OS 6	0.910	4+			6 9.8 PS 4
192OS 7	0.957	0+			7 10.3 PS +10-11
192OS 8	1.070	4+			8 6.5 PS +11-9
192OS 9	1.089	6+			9 2.47 PS +8-13
192OS 10				1.128 (2+)	10

192OS 11	1.144	5+			11
192OS 12	1.206	0+			12 35 PS 13
192OS 13			1.341 3-		13 78 PS 10
192OS 14				1.362 (5+)	14
192OS 15				1.410 (2+)	15
192OS 16				1.450 (2+)	16
192OS 17				1.457 (4+)	17
192OS 18	1.465	6+			18 2.73 PS +36-21
192OS 19				1.561 (4-)	19
192OS 20				1.592 (3)	20

192OS 21				1.613 (2+)	21
192OS 22				1.645 (6+)	22
192OS 23				1.665 (1+,2+)	23
192OS 24	1.708	8+			24 0.81 PS 4
192OS 25	1.713	7+			25
192OS 26				1.734 (2+)	26
192OS 27				1.780 (2+,3,4+)	27
192OS 28				1.808 2(+)	28
192OS 29				1.827 1	29
192OS 30				1.837 (1,2)+	30

192OS 31				1.858 (2,3)+	31
192OS 32				1.868 (2+)	32
192OS 33				1.869 (2,3)	33
192OS 34				1.879 (2+)	34
192OS 35				1.895 (3+)	35
192OS 36				1.903 (1,2)+	36
192OS 37				1.922 1,3	37

1920S	38	1.924	0+					38		
1920S	39					1.937	(2+)	39		
1920S	40					1.940	(4+)	40		

1920S	41					1.941	(0+,1,2)	41		
1920S	42					1.948	(2)	42		
1920S	43					1.952	(1,2+)	43		
1920S	44					1.960		44		
1920S	45					1.968	(7+)	45		
1920S	46					1.985	(1,2+)	46		
1920S	47					1.997	1	47		
1920S	48					2.015	(10-)	48	5.9 S	1
1920S	49					2.016		49		
1920S	50					2.030		50		

1920S	51					2.043		51		
1920S	52					2.047	(1+,2)	52		
1920S	53					2.052	(2,3)	53		
1920S	54					2.081	(1,2+)	54		
1920S	55					2.099	(2+)	55		
1920S	56					2.128		56		
1920S	57	2.134	8+					57	1.34 PS	+16-20
1920S	58					2.147	(0+,1,2)	58		
1920S	59					2.173	(1,2+)	59		
1920S	60					2.187	(2+,3)	60		

1920S	61					2.208	(LE4)	61		
1920S	62					2.223		62		
1920S	63					2.258		63		
1920S	64					2.275	(3,4+)	64		
1920S	65					2.309	(2+,3,4)	65		
1920S	66					2.337	(1,2)	66		
1920S	67					2.359		67		
1920S	68					2.391	1	68	104 FS	9
1920S	69	2.419	10+					69	0.45 PS	+11-4
1920S	70					2.423		70		

1920S	71					2.466		71		
1920S	72					2.478	1	72	35 FS	13
1920S	73					2.489		73		
1920S	74					2.508		74		
1920S	75					2.619		75		
1920S	76					2.643		76		
1920S	77					2.694	1	77	31 FS	8
1920S	78					2.748	1	78	57 FS	14
1920S	79					2.788		79		
1920S	80					2.805	1	80	66 FS	5

1920S	81					2.814	1	81	22 FS	4
1920S	82					2.820	1	82	123 FS	13

1920S 83				2.865	1	83	84 FS	6
1920S 84				2.887		84		
1920S 85		2.894	10+			85		
1920S 86				2.904	1	86	23.2 FS	16
1920S 87				2.915	1	87	10.4 FS	15
1920S 88				2.941	1	88	91 FS	7
1920S 89				2.948	1	89	7.8 FS	5
1920S 90				2.966	1	90	95 FS	8

1920S 91				2.978		91		
1920S 92				2.987	(12+)	92		
1920S 93				3.046	1	93	11.3 FS	12
1920S 94				3.088		94		
1920S 95				3.104	(12+)	95	2.1 PS	GE
1920S 96				3.149	1	96	127 FS	14
1920S 97				3.196	1	97	62 FS	4
1920S 98				3.207	1	98	109 FS	13
1920S 99		3.211	12+			99		
1920S 100				3.217	1	100	69 FS	5

1920S 101				3.240	1	101	29 FS	5
1920S 102				3.258	1	102	123 FS	13
1920S 103				3.273	1	103	39.7 FS	24
1920S 104				3.281	1	104	72 FS	7
1920S 105				3.289	1	105	6.0 FS	7
1920S 106				3.429	1	106	28 FS	4
1920S 107				3.536	1	107	9.8 FS	25
1920S 108				3.668	(14+)	108		
1920S 109				3.757	1	109	38 FS	4
1920S 110				3.836	1	110	29 FS	3

1920S 111				3.865	1	111	71 FS	14
1920S 112				3.891		112		
1920S 113				4.114	(16+)	113	0.19 US	10

S-p = 8.821 (0.011)-----
S-n = 7.558 (0.002)-----
S-2p = 16.091 (0.035)-----
S-2n = 13.317 (0.002)-----
S-alpha= -0.361 (0.004)-----

S+p = -5.943 (0.003)
S+n = -5.583 (0.003)
S+2p = -13.456 (0.002)
S+2n = -12.696 (0.003)
S+alpha = 0.813 (0.002)

gap p = 2.878 (0.011)
gap n = 1.975 (0.004)

gap 2p = 2.636 (0.036)
gap 2n = 0.621 (0.004)
gap alpha = 0.452 (0.005)