

^{171}Os $Z = 76$ $N = 95$ adopted link ENSDF link

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

BE = 1355.034 (0.018) MeV

Qbeta+ = 6.953 (0.033) MeV

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

S-alpha=	-5.371 (0.026)				
1710S 1				0.000 (5/2-)	1 8.3 S 2
1710S 2				0.077 (7/2-)	2
1710S 3				0.186 (13/2+)	3
1710S 4				0.208 (9/2-)	4
1710S 5				0.211 (7/2-,9/2-)	5
1710S 6				0.440 (17/2+)	6
1710S 7				0.445 (11/2-)	7
1710S 8				0.601 (13/2-)	8
1710S 9				0.626 (15/2+)	9
1710S 10				0.887 (21/2+)	10

1710S 11				0.895 (15/2-)	11
1710S 12				1.068 (19/2+)	12
1710S 13				1.110 (17/2-)	13
1710S 14				1.138 (17/2+)	14
1710S 15				1.286 (19/2+)	15
1710S 16				1.400 (19/2-)	16
1710S 17				1.454 (25/2+)	17
1710S 18				1.539 (21/2+)	18
1710S 19				1.547	19
1710S 20				1.620 (23/2+)	20

1710S 21				1.643 (21/2-)	21
1710S 22				1.753 (23/2+)	22
1710S 23				1.802 (23/2+)	23
1710S 24				1.878	24
1710S 25				1.911 (23/2-)	25
1710S 26				2.017 (25/2+)	26
1710S 27				2.082 (29/2+)	27
1710S 28				2.141 (25/2-)	28
1710S 29				2.162 (27/2+)	29
1710S 30				2.202 (27/2+)	30

1710S 31				2.247	31
1710S 32				2.337 (25/2-)	32
1710S 33				2.359 (27/2-)	33
1710S 34				2.414 (27/2-)	34
1710S 35				2.423 (27/2+)	35
1710S 36				2.521 (29/2-)	36

1710S	37				2.559	(29/2+)	37
1710S	38				2.630	(29/2-)	38
1710S	39				2.676	(31/2-)	39
S-p	=	2.682	(0.022)	-----			
1710S	40				2.720		40
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1710S	41				2.726	(33/2+)	41
1710S	42				2.794	(31/2+)	42
1710S	43				2.840	(31/2-)	43
1710S	44				2.894	(33/2-)	44
1710S	45				3.078	(31/2+)	45
1710S	46				3.115	(35/2-)	46
1710S	47				3.118	(33/2-)	47
1710S	48				3.175	(33/2+)	48
1710S	49				3.333	(37/2+)	49
1710S	50				3.373	(35/2-)	50
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1710S	51				3.416	(37/2-)	51
1710S	52				3.416	(35/2+)	52
1710S	53				3.506	(37/2+)	53
1710S	54				3.667	(37/2-)	54
1710S	55				3.726	(39/2-)	55
1710S	56				3.897	(41/2+)	56
S-2p	=	3.957	(0.024)	-----			
1710S	57				3.969	(39/2-)	57
1710S	58				4.055	(41/2-)	58
1710S	59				4.082	(39/2+)	59
1710S	60				4.160	(41/2+)	60
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1710S	61				4.299	(41/2-)	61
1710S	62				4.459	(43/2-)	62
1710S	63				4.539	(45/2+)	63
1710S	64				4.635	(43/2-)	64
1710S	65				4.767	(45/2-)	65
1710S	66				4.792	(43/2+)	66
1710S	67				4.884	(45/2+)	67
1710S	68				5.219	(47/2-)	68
1710S	69				5.278	(49/2+)	69
1710S	70				5.503	(49/2-)	70
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1710S	71				5.644	(49/2+)	71
1710S	72				6.109	(53/2+)	72
1710S	73				6.260	(53/2-)	73

S-p = 2.682 (0.022)-----
S-n = 8.443 (0.021)-----
S-2p = 3.957 (0.024)-----
S-2n = 19.717 (0.032)-----
S-alpha= -5.371 (0.026)-----

S+p = -0.371 (0.037)
S+n = -11.018 (0.022)
S+2p = -2.217 (0.066)
S+2n = -19.284 (0.024)
S+alpha = 6.164 (0.026)

gap p = 2.311 (0.043)
gap n = -2.575 (0.030)
gap 2p = 1.740 (0.070)
gap 2n = 0.433 (0.040)
gap alpha = 0.793 (0.037)