^{185}Os $Z = 76$ $N = 109$ adopted link ENSDF link

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

BE = 1476.541 (0.001) MeV
Qbeta+ = 1.013 (0.001) MeV

	Energy T	J+	J-	J-other	T1/2	
S-alpha= -3.003 (0.002)						
185OS 1			0.000	1/2-	1	93.6 D 5
185OS 2			0.037	3/2-	2	
185OS 3			0.097	5/2-	3	
185OS 4			0.102	7/2-	4	3.0 US 4
185OS 5			0.128	3/2-	5	
185OS 6			0.198	7/2-	6	
185OS 7			0.222	5/2-	7	
185OS 8			0.261	9/2-	8	
185OS 9	0.276	11/2+			9	0.78 US 5
185OS 10			0.318	9/2-	10	
185OS 11			0.352	7/2-	11	
185OS 12	0.402	9/2+			12	
185OS 13				0.407 (1/2-,3/2)	13	
185OS 14	0.414	13/2+			14	
185OS 15			0.449	11/2-	15	
185OS 16				0.469 (1/2-,3/2)	16	
185OS 17			0.477	11/2-	17	
185OS 18			0.505	9/2-	18	
185OS 19				0.539	19	
185OS 20	0.590	15/2+			20	
185OS 21	0.591	11/2+			21	
185OS 22				0.599 (3/2-)	22	
185OS 23				0.627	23	
185OS 24				0.642 (3/2-,5/2+)	24	
185OS 25				0.646	25	
185OS 26			0.660	13/2-	26	
185OS 27			0.666	13/2-	27	
185OS 28				0.679	28	
185OS 29			0.707	11/2-	29	
185OS 30				0.729 (5/2-,7/2-)	30	
185OS 31				0.747	31	
185OS 32	0.776	17/2+			32	
185OS 33	0.782	13/2+			33	
185OS 34				0.797 1/2,3/2,5/2+	34	
185OS 35				0.802 (5/2-)	35	
185OS 36				0.843 (3/2-,5/2+)	36	

185OS	37			0.865	15/2-		37
185OS	38					0.880	1/2,3/2,5/2+	38
185OS	39			0.903	13/2-		39
185OS	40			0.907	15/2-		40
185OS	41					0.965	(1/2,3/2)	41
185OS	42	1.025	19/2+					42
185OS	43	1.025	15/2+					43
185OS	44					1.061	1/2,3/2,5/2+	44
185OS	45			1.070	1/2-			45
185OS	46					1.116	(3/2-,5/2+)	46
185OS	47			1.117	17/2-			47
185OS	48					1.123	(3/2-)	48
185OS	49			1.174	17/2-			49
185OS	50	1.177	17/2+					50
185OS	51					1.180	(1/2,3/2,5/2+)	51
185OS	52			1.180	15/2-			52
185OS	53			1.213	1/2-			53
185OS	54	1.222	21/2+					54
185OS	55					1.275	(3/2-)	55
185OS	56	1.322	17/2+					56
185OS	57			1.354	19/2-			57
185OS	58					1.354	1/2,3/2,5/2+	58
185OS	59			1.404	17/2-			59
185OS	60					1.419	1/2,3/2,5/2+	60
185OS	61					1.442	(17/2+)	61
185OS	62			1.462	19/2-			62
185OS	63					1.507	1/2,3/2,5/2+	63
185OS	64	1.519	19/2+					64
185OS	65					1.541	1/2,3/2,5/2+	65
185OS	66	1.552	19/2+					66
185OS	67	1.566	23/2+					67
185OS	68	1.591	19/2+					68
185OS	69	1.647	21/2+					69
185OS	70			1.670	21/2-			70
185OS	71					1.733	(21/2+)	71
185OS	72	1.744	25/2+					72
185OS	73	1.746	21/2+					73
185OS	74			1.756	19/2-			74
185OS	75			1.769	21/2-			75
185OS	76	1.770	5/2+					76
185OS	77	1.844	21/2+					77
185OS	78	1.866	5/2+					78
185OS	79	1.908	5/2+					79
185OS	80			1.929	23/2-			80
185OS	81					1.937	(19/2+)	81

185OS 82				1.966	(21/2+)	82	
185OS 83				1.981	(21/2+)	83	
185OS 84			1.987	23/2-		84	5.5 NS 10
185OS 85			1.994	21/2-		85	
185OS 86	2.000	23/2+				86	
185OS 87	2.003	5/2+				87	
185OS 88				2.034	(21/2+)	88	
185OS 89				2.040	(21/2+)	89	
185OS 90			2.095	23/2-		90	
185OS 91	2.108	23/2+				91	
185OS 92				2.157	(21/2-)	92	
185OS 93				2.164	(23/2)+	93	
185OS 94				2.198	(23/2-)	94	
185OS 95	2.204	27/2+				95	
185OS 96	2.249	25/2+				96	
185OS 97			2.264	25/2-		97	
185OS 98	2.281	25/2+				98	
185OS 99			2.305	25/2-		99	
185OS 100	2.351	29/2+				100	
185OS 101	2.387	25/2+				101	
185OS 102				2.403	(23/2)-	102	
185OS 103			2.435	25/2-		103	
185OS 104				2.511	(25/2+)	104	
185OS 105			2.552	27/2-		105	
185OS 106			2.571	27/2-		106	
185OS 107	2.575	27/2+				107	
185OS 108			2.602	27/2-		108	
185OS 109				2.654	(25/2)-	109	
185OS 110	2.679	27/2+				110	
185OS 111			2.790	27/2-		111	
185OS 112			2.849	29/2-		112	
185OS 113				2.885	(29/2)+	113	
185OS 114				2.899	(29/2-)	114	
185OS 115	2.929	31/2+				115	
185OS 116				2.942	(27/2)	116	
185OS 117				2.969	(29/2)+	117	
185OS 118				2.987	(29/2)+	118	
185OS 119			2.989	29/2-		119	
185OS 120	3.038	33/2+				120	
185OS 121				3.067	(27/2)-	121	
185OS 122				3.138	(29/2)-	122	
185OS 123			3.140	31/2-		123	
185OS 124			3.213	31/2-		124	
185OS 125				3.220	(31/2)+	125	
185OS 126			3.225	31/2-		126	
185OS 127				3.309	(31/2)+	127	

185OS 128					3.333	(29/2)-	128	
185OS 129					3.377	(29/2+)	129	
185OS 130			3.461	33/2-			130	
185OS 131					3.512	(31/2)-	131	
185OS 132					3.537	(31/2+)	132	
185OS 133					3.545	(33/2)	133	
185OS 134					3.552	(33/2)+	134	
185OS 135					3.663	(33/2)+	135	
185OS 136			3.694	33/2-			136	
185OS 137			3.703	35/2-			137	
185OS 138	3.719	35/2+					138	
185OS 139	3.788	37/2+					139	
185OS 140					3.807	(33/2)+	140	
185OS 141					3.817	(33/2)-	141	
185OS 142					3.872	(35/2)-	142	
185OS 143					3.877	(33/2)	143	
185OS 144					3.889	(33/2)	144	
185OS 145					3.893	(35/2)-	145	
185OS 146					3.905	(35/2)+	146	
185OS 147					4.011	(35/2)+	147	
185OS 148					4.101	(37/2)-	148	
185OS 149					4.165	(35/2)	149	
185OS 150					4.209		150	
185OS 151					4.247	(37/2)+	151	
185OS 152					4.278	(35/2)	152	
185OS 153					4.300	(35/2)	153	
185OS 154					4.305	(39/2)-	154	
185OS 155					4.428	(37/2)-	155	
185OS 156					4.432	(37/2)	156	
185OS 157	4.528	39/2+					157	
185OS 158					4.536	(39/2)-	158	
185OS 159	4.554	41/2+					159	
185OS 160					4.581	(39/2)	160	
185OS 161					4.630	(39/2)-	161	
185OS 162					4.647	(39/2)+	162	
185OS 163					4.732	(39/2)	163	
185OS 164					4.793	(41/2)-	164	
185OS 165					4.883		165	
185OS 166					4.977	(43/2)-	166	
185OS 167					5.007	(41/2)	167	18 NS 2
185OS 168					5.204	(41/2)-	168	
185OS 169					5.235	(43/2)-	169	
185OS 170					5.274	(43/2)+	170	
185OS 171	5.285	45/2+					171	
185OS 172					5.426		172	

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185OS 173 |                |                |   5.432                    173
185OS 174 |                |                |   5.542     (45/2)-        174
185OS 175 |                |                |   5.713     (47/2)-        175
185OS 176 |                |                |   5.786                    176
S-p    =   5.875 ( 0.004)-------------------------------------------------------------------------
185OS 177 |                |                |   5.962                    177
185OS 178 |                |                |   6.018     (47/2)+        178
185OS 179 |                |                |   6.046     (49/2)+        179
185OS 180 |                |                |   6.203                    180
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185OS 181 |                |                |   6.286                    181
185OS 182 |                |                |   6.339     (49/2)-        182
185OS 183 |                |                |   6.350                    183
185OS 184 |                |                |   6.506     (51/2)-        184
185OS 185 |                |                |   6.580                    185
185OS 186 |                |                |   6.587                    186
S-n    =   6.625 ( 0.001)-------------------------------------------------------------------------
185OS 187 |                |                |   6.804                    187
185OS 188 |                |                |   6.836     (51/2)+        188
185OS 189 |                |                |   6.886     (53/2)+        189
185OS 190 |                |                |   7.007                    190
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185OS 191 |                |                |   7.033                    191
185OS 192 |                |                |   7.099                    192
185OS 193 |                |                |   7.359     (55/2)-        193


S-p    =   5.875 ( 0.004)-------------------------------------------------------------------------
S-n    =   6.625 ( 0.001)-------------------------------------------------------------------------
S-2p   =  11.018 ( 0.001)-------------------------------------------------------------------------
S-2n   =  15.285 ( 0.050)-------------------------------------------------------------------------
S-alpha=  -3.003 ( 0.002)-------------------------------------------------------------------------

S+p       =  -3.655 ( 0.017)
S+n       =  -8.266 ( 0.001)
S+2p      =  -8.457 ( 0.024)
S+2n      = -14.556 ( 0.001)
S+alpha   =   3.912 ( 0.010)

gap p     =   2.220 ( 0.017)
gap n     =  -1.641 ( 0.002)
gap 2p    =   2.561 ( 0.024)
gap 2n    =   0.729 ( 0.050)
gap alpha =   0.909 ( 0.010)
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