

^{184}W $Z = 74$ $N = 110$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 1472.934 (0.001) MeV

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

S-alpha=	-1.649	(0.002)	-----		

184W	1	0.000	0+		1 STABLE
184W	2	0.111	2+		2 1.251 NS 12
184W	3	0.364	4+		3 46.3 PS +25-13
184W	4	0.748	6+		4 5.75 PS 18
184W	5	0.903	2+		5 1.80 PS 4
184W	6	1.002	0+		6
184W	7	1.006	3+		7
184W	8	1.121	2+		8 56 PS 7
184W	9			1.130 (2)-	9
184W	10	1.134	4+		10 2.30 PS 17

184W	11			1.221 3-	11 45 PS 5
184W	12	1.252	8+		12 1.49 PS 3
184W	13			1.283 (1,2)-	13
184W	14			1.285 5-	14 8.33 US 18
184W	15	1.295	5+		15
184W	16	1.322	(0)+		16
184W	17			1.345 (4-)	17
184W	18	1.360	(4+)		18
184W	19	1.386	2+		19 1.08 PS 10
184W	20	1.425	(3)+		20

184W	21	1.431	2+		21 5 PS GT
184W	22			1.446 6-	22
184W	23	1.477	6+		23 1.82 PS 9
184W	24			1.492 (5-)	24
184W	25			1.502 7-	25 2.35 NS 10
184W	26	1.523	(3+)		26
184W	27	1.537	(4+)		27
184W	28	1.570	(2+)		28
184W	29			1.581 (6-)	29
184W	30	1.614	(1+)		30

184W	31	1.614	0+		31
184W	32			1.615 (1,2)+	32
184W	33	1.628	(1)+		33
184W	34			1.637 (7-)	34
184W	35			1.661	35
184W	36	1.676	(5+)		36

184W	37					1.683			37
184W	38	1.699	(5)+						38
184W	39	1.713	(0)+						39
184W	40	1.722	(1+)						40

184W	41	1.746	(6)+						41
184W	42	1.755	(4+)						42
184W	43	1.775	0+						43
184W	44	1.775	(2)+						44
184W	45	1.796	0+						45
184W	46	1.808	(2+)						46
184W	47					1.847			47
184W	48	1.861	10+					0.570 PS	+24-31
184W	49	1.877	(2)+						49
184W	50					1.894	(2+,3)		50

184W	51					1.921			51
184W	52	1.925	8+						52
184W	53			1.995	1(-)				53
184W	54	2.013	(2)+						54
184W	55					2.030	(5-,6,7-)		55
184W	56	2.031	0+						56
184W	57					2.036	1+,2+		57
184W	58					2.044			58
184W	59			2.056	(1)-			26 FS	5
184W	60					2.061			60

184W	61					2.063	(0,2)+		61
184W	62					2.074	(0,2)-		62
184W	63					2.085	(0,2)-		63
184W	64			2.089	(1)-				64
184W	65	2.098	(1)+					31 FS	4
184W	66	2.104	(2)+						66
184W	67	2.111	0+						67
184W	68					2.112			68
184W	69					2.125	(1,2+)		69
184W	70					2.126			70

184W	71	2.168	(1)+						71
184W	72	2.182	(0+)						72
184W	73					2.195			73
184W	74					2.222	(LE4)		74
184W	75					2.223	(2+,3,4+)		75
184W	76					2.228	(2-,3,4-)		76
184W	77	2.246	(2)+						77
184W	78	2.295	(2)+						78
184W	79	2.310	0+						79
184W	80					2.320	(1-,2-)		80

184W	81					2.329	(1,2+)		81

184W	82					2.350			82
184W	83			2.352	(1)-				83
184W	84	2.370	(1)+						84
184W	85					2.389	(4-,5,6-)		85
184W	86	2.390	(1)+						86
184W	87					2.392			87
184W	88	2.396	(1)+						88
184W	89					2.402			89
184W	90	2.404	0+						90

184W	91	2.421	(0+)						91
184W	92					2.430			92
184W	93					2.440			93
184W	94					2.458	1		94 62 FS 12
184W	95	2.469	(0+)						95
184W	96	2.472	10+						96 0.82 PS +15-4
184W	97					2.479	(8-,9,10+		97
184W	98					2.485			98
184W	99					2.493	(4-,5,6)		99
184W	100					2.509			100

184W	101	2.513	0+						101
184W	102					2.519			102
184W	103					2.521			103
184W	104					2.532			104
184W	105					2.546	1		105 65 FS 15
184W	106					2.555			106
184W	107	2.557	12+						107 0.265 PS +21-24
184W	108	2.568	(0+)						108
184W	109					2.573			109
184W	110					2.582			110

184W	111					2.592			111
184W	112					2.613			112
184W	113					2.619			113
184W	114					2.631			114
184W	115					2.649			115
184W	116					2.652			116
184W	117					2.656			117
184W	118					2.675			118
184W	119					2.694	1		119
184W	120					2.704			120

184W	121					2.707			121
184W	122					2.713	LE3		122
184W	123					2.720			123
184W	124					2.733			124
184W	125					2.739			125
184W	126					2.758			126
184W	127					2.763	1		127 28 FS 6

184W	128				2.768	128			
184W	129				2.798	129			
184W	130				2.803	130			

184W	131				2.813	131			
184W	132				2.815	132			
184W	133	2.825	0+			133			
184W	134				2.837	134			
184W	135				2.845	135			
184W	136				2.849	136			
184W	137				2.854	137			
184W	138				2.856	138			
184W	139	2.871	(0+)			139			
184W	140				2.892	140	31 FS		6

184W	141				2.902	141			
184W	142				2.906	142			
184W	143				2.920	143			
184W	144	2.928	(0+)			144			
184W	145	2.940	(0+)			145			
184W	146				2.947	146			
184W	147				2.949	147			
184W	148				2.951	148	33 FS		6
184W	149	2.969	(1+)			149			
184W	150				2.981	150			

184W	151				2.984	151			
184W	152				3.004	152			
184W	153				3.017	153			
184W	154				3.023	154			
184W	155				3.027	155			
184W	156				3.029	156			
184W	157	3.037	(1+)			157			
184W	158				3.053	158			
184W	159				3.060	159			
184W	160				3.069	160			

184W	161				3.071	161			
184W	162				3.084	162			
184W	163				3.088	163			
184W	164				3.104	164			
184W	165	3.109	(12+)			165	0.35 PS		+14-3
184W	166				3.112	166			
184W	167				3.124	167			
184W	168				3.133	168			
184W	169				3.135	169			
184W	170				3.137	170			

184W	171				3.164	171			
184W	172				3.166	172			

184W 173			3.169	173
184W 174			3.178	174
184W 175			3.184	175
184W 176			3.187	176
184W 177			3.193	177
184W 178			3.202	178
184W 179			3.216	179
184W 180			3.221	180

184W 181			3.225	181
184W 182			3.226	182
184W 183			3.234	183
184W 184			3.245	184
184W 185			3.249	185
184W 186			3.263	186
184W 187			3.264	187
184W 188			3.266	188
184W 189			3.288	189
184W 190			3.290	190

184W 191			3.293	191
184W 192			3.304	192
184W 193			3.307	193
184W 194			3.314	194
184W 195			3.317	195
184W 196			3.319	196
184W 197	3.320	14+		197 0.140 PS +25-10
184W 198			3.329	198
184W 199			3.341	199
184W 200			3.345	200

184W 201			3.349	201
184W 202			3.353	202
184W 203			3.365	203
184W 204			3.370	204
184W 205			3.373	205
184W 206			3.378	206
184W 207			3.384	207
184W 208			3.392	208
184W 209			3.400	209
184W 210			3.414	210

184W 211			3.421	211
184W 212			3.422	212 16 FS 10
184W 213			3.427	213
184W 214			3.441	214
184W 215			3.442	215
184W 216			3.448	216
184W 217			3.456	217
184W 218			3.466 1	218 5.0 FS 12

184W 219				3.473	219			
184W 220				3.488	220			

184W 221				3.501	221			
184W 222				3.507 (1)	222	12 FS		4
184W 223				3.516	223			
184W 224				3.523	224			
184W 225				3.547	225			
184W 226				3.571 (1)	226	4.1 FS		17
184W 227				3.618	227			
184W 228				3.633 1	228	4.7 FS		17
184W 229				3.635	229			
184W 230				3.649	230			

184W 231				3.654	231			
184W 232				3.670	232			
184W 233				3.682 (1)	233	8 FS		5
184W 234				3.684	234			
184W 235				3.686	235			
184W 236				3.703	236			
184W 237				3.707	237			
184W 238				3.715	238			
184W 239				3.716	239			
184W 240				3.744	240			

184W 241				3.771	241			
184W 242				3.782	242			
184W 243				3.807	243			
184W 244				3.863 (14-,15,1244	244	188 NS		38
184W 245				3.883	245			
184W 246				3.930	246			
184W 247				3.962	247			
184W 248				3.972	248			
184W 249				4.062	249			
184W 250		4.117	16+		250	0.125 PS		+32-13

184W 251				4.279	251			
184W 252				6.543	252			
184W 253				6.556	253			
184W 254				6.581	254			
184W 255				6.623	255			
184W 256		6.760	1+		256			
S-p	=	7.701	(0.002)	-----				
S-n	=	7.411	(0.001)	-----				
184W 257				11.900	257	2.90 MEV		17
S-2p	=	14.234	(0.006)	-----				
S-2n	=	13.602	(0.001)	-----				
184W 258				14.800	258	4.70 MEV		22

S-p = 7.701 (0.002) -----
S-n = 7.411 (0.001) -----
S-2p = 14.234 (0.006) -----
S-2n = 13.602 (0.001) -----
S-alpha= -1.649 (0.002) -----

S+p = -5.403 (0.001)
S+n = -5.754 (0.001)
S+2p = -11.873 (0.001)
S+2n = -12.946 (0.001)
S+alpha = 2.143 (0.001)

gap p = 2.298 (0.002)
gap n = 1.657 (0.001)
gap 2p = 2.361 (0.006)
gap 2n = 0.656 (0.002)
gap alpha = 0.494 (0.002)