

$^{192}\text{Ir}$        $Z = 77$        $N = 115$       adopted link      ENSDF link

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

BE = 1524.288 ( 0.001) MeV  
 Qbeta- = 1.453 ( 0.003) MeV  
 Qbeta+ = 1.047 ( 0.003) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-1.756	( 0.001)	-----		
192IR 1	0.000	4+			1 73.829 D 11
192IR 2				0.013 (6+)	2
192IR 3				0.016 (6-)	3
192IR 4			0.057 1-		4 1.45 M 5
192IR 5				0.067 (4)-	5 15 NS 4
192IR 6				0.072	6
192IR 7			0.084 3-		7 1.9 NS 4
192IR 8				0.105 (1)-	8 17.4 NS 26
192IR 9				0.116 (2)-	9
192IR 10			0.119 3-		10 15 NS GT
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192IR 11				0.123	11
192IR 12				0.129 (0)-	12
192IR 13				0.140 (5+)	13
192IR 14				0.144 (1)-	14
192IR 15				0.145 (5+)	15
192IR 16				0.168 (11-)	16 241 Y 9
192IR 17				0.173	17
192IR 18				0.178	18
192IR 19				0.193 (2)-	19
192IR 20				0.194 (1)+	20 2.7 NS 6
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192IR 21				0.203 LE 3	21
192IR 22				0.213 (1,2)-	22
192IR 23				0.217 (4+)	23
192IR 24				0.223 (6+)	24
192IR 25				0.226 (2)-	25
192IR 26				0.226 (LE2-)	26
192IR 27				0.236 (1-)	27
192IR 28				0.240 (1)-	28
192IR 29				0.241 (2)-	29
192IR 30				0.257 (4,5)-	30
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192IR 31				0.265 (0-)	31
192IR 32				0.267 (3)-	32
192IR 33				0.277 (1+,2+)	33
192IR 34				0.278 (4)-	34
192IR 35				0.284 (2)+	35

192IR 36				0.288	(2)-	36
192IR 37				0.292	(2)-	37
192IR 38		0.311	2-			38
192IR 39				0.320	(2)-	39
192IR 40				0.331	(2)-	40
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192IR 41				0.332	(1)-	41
192IR 42				0.341		42
192IR 43				0.352	(2)+	43
192IR 44				0.366	(2-,3-)	44
192IR 45				0.367	(2)-	45
192IR 46				0.368	(2)-	46
192IR 47				0.380		47
192IR 48				0.390	(2)-	48
192IR 49				0.392	(1,2,3)-	49
192IR 50				0.407		50
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192IR 51				0.415	1-,2-,3-	51
192IR 52				0.418	(3+,4+)	52
192IR 53				0.426		53
192IR 54				0.439	1-,2-,3-	54
192IR 55				0.441	(3+)	55
192IR 56		0.444	0- TO 3-			56
192IR 57				0.451	(1,2)-	57
192IR 58				0.471	1-,2-,3-	58
192IR 59				0.480		59
192IR 60				0.489	1-,2-,3-	60
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192IR 61				0.509	(2,3)-	61
192IR 62				0.513	(4+)	62
192IR 63				0.517	1-,2-,3-	63
192IR 64				0.529	(1-)	64
192IR 65				0.530	1-,2-,3-	65
192IR 66				0.537		66
192IR 67		0.544	0- TO 3-			67
192IR 68				0.559		68
192IR 69				0.570		69
192IR 70				0.582	1-,2-,3-	70
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192IR 71				0.586		71
192IR 72		0.602	0- TO 3-			72
192IR 73		0.615	0- TO 3-			73
192IR 74				0.628	1-,2-,3-	74
192IR 75				0.633		75
192IR 76		0.645	0- TO 3-			76
192IR 77				0.658		77
192IR 78				0.663		78
192IR 79				0.671	(4+)	79
192IR 80				0.681	1-,2-,3-	80
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192IR 81				0.687	1-,2-,3-	81
192IR 82		0.702	0- TO 3-			82
192IR 83				0.708		83
192IR 84		0.714	0- TO 3-			84
192IR 85				0.723		85
192IR 86				0.734		86
192IR 87				0.739	1-,2-,3-	87
192IR 88				0.749		88
192IR 89		0.752	0- TO 3-			89
192IR 90				0.767	1-,2-,3-	90
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192IR 91		0.778	0- TO 3-			91
192IR 92				0.788		92
192IR 93		0.791	0- TO 3-			93
192IR 94				0.797		94
192IR 95				0.813	1-,2-,3-	95
192IR 96				0.822		96
192IR 97				0.825	1-,2-,3-	97
192IR 98		0.841	0- TO 3-			98
192IR 99		0.851	0- TO 3-			99
192IR 100		0.865	0- TO 3-			100
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192IR 101				0.870		101
192IR 102				0.874	1-,2-,3-	102
192IR 103				0.885	1-,2-,3-	103
192IR 104				0.894		104
192IR 105				0.903	1-,2-,3-	105
192IR 106				0.914		106
192IR 107				0.918	1-,2-,3-	107
192IR 108		0.937	0- TO 3-			108
192IR 109				0.944		109
192IR 110				0.950		110
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192IR 111				0.963		111
192IR 112		0.967	0- TO 3-			112
192IR 113				0.978		113
192IR 114				0.999		114
192IR 115				1.003		115
192IR 116		1.014	0- TO 3-			116
192IR 117				1.024	1-,2-,3-	117
192IR 118				1.031		118
192IR 119				1.045		119
192IR 120				1.051	1-,2-,3-	120
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192IR 121				1.060		121
192IR 122				1.069		122
192IR 123				1.075		123
192IR 124				1.088		124
192IR 125				1.094		125
192IR 126				1.107		126

192IR 127			1.112	127
192IR 128			1.132	128
192IR 129			1.145	129
192IR 130			1.152	130
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192IR 131			1.156	131
192IR 132			1.161	132
192IR 133			1.169	133
192IR 134			1.177	134
192IR 135			1.194	135
192IR 136			1.205	136
192IR 137			1.212	137
192IR 138			1.218	138
192IR 139			1.226	139
192IR 140			1.231	140
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192IR 141			1.243	141
192IR 142			1.248	142
192IR 143			1.255	143
192IR 144			1.259	144
192IR 145			1.265	145
192IR 146			1.273	146
192IR 147			1.283	147
192IR 148			1.291	148
192IR 149			1.299	149
192IR 150			1.304	150
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192IR 151			1.323	151
192IR 152			1.331	152
192IR 153			1.339	153
192IR 154			1.343	154
192IR 155			1.348	155
192IR 156			1.360	156
192IR 157			1.366	157
192IR 158			1.372	158
192IR 159			1.381	159
192IR 160			1.388	160
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192IR 161			1.396	161
192IR 162			1.409	162
192IR 163			1.418	163
192IR 164			1.432	164
192IR 165			1.437	165
192IR 166			1.442	166
192IR 167			1.448	167
192IR 168			1.464	168
192IR 169			1.468	169
192IR 170			1.487	170
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192IR 171			1.495	171

192IR 172				1.502		172
192IR 173				1.514		173
192IR 174				1.530		174
192IR 175				1.535		175
192IR 176				1.552		176
192IR 177				1.558		177
192IR 178				1.572		178
192IR 179				1.587		179
192IR 180				1.597		180
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192IR 181				1.608		181
192IR 182				1.626		182
192IR 183				1.635		183
192IR 184				1.641		184
192IR 185				1.648		185
192IR 186				1.659		186
192IR 187				1.667		187
192IR 188				1.677		188
192IR 189				1.692		189
192IR 190				1.703		190
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S-p	=	5.729	( 0.001)	-----		
S-n	=	6.198	( 0.002)	-----		
192IR 191				6.198	1+,2+	191
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S-p	=	5.729	( 0.001)	-----		
S-n	=	6.198	( 0.002)	-----		
S-2p	=	13.831	( 0.005)	-----		
S-2n	=	14.225	( 0.002)	-----		
S-alpha	=	-1.756	( 0.001)	-----		
S+p	=	-6.933	( 0.002)			
S+n	=	-7.772	( 0.002)			
S+2p	=	-11.954	( 0.002)			
S+2n	=	-13.839	( 0.002)			
S+alpha	=	1.272	( 0.003)			
gap p	=	-1.204	( 0.002)			
gap n	=	-1.574	( 0.003)			
gap 2p	=	1.876	( 0.006)			
gap 2n	=	0.386	( 0.003)			
gap alpha	=	-0.484	( 0.004)			