

^{236}U $Z = 92$ $N = 144$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1790.410 (0.001) MeV

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

S-alpha=	-4.573	(0.002)	-----		
236U 1	0.000	0+			1 2.342E7 Y 4
236U 2	0.045	2+			2 234 PS 6
236U 3	0.149	4+			3 124 PS 7
236U 4	0.310	6+			4 58 PS 3
236U 5	0.522	8+			5 24 PS 2
236U 6			0.688	1-	6 3.78 NS 9
236U 7			0.744	3-	7
236U 8	0.782	10+			8 11.6 PS 11
236U 9			0.848	5-	9
236U 10	0.919	0+			10

236U 11				0.958 (2+)	11
236U 12				0.960 (2+)	12
236U 13			0.967	1-	13
236U 14			0.988	2-	14
236U 15			1.000	7-	15
236U 16				1.002 (3+)	16
236U 17				1.036 (3-)	17
236U 18				1.051 (4+)	18
236U 19				1.053 (4)-	19 100 NS 4
236U 20				1.059 (4+)	20

236U 21				1.066 (3+,4+)	21
236U 22				1.070 (4-)	22
236U 23	1.085	12+			23 5.3 PS 8
236U 24				1.094 (2+,5+)	24
236U 25				1.104 (5-)	25
236U 26				1.111 (2-)	26
236U 27				1.127 (5+)	27
236U 28				1.147 (3+,4+)	28
236U 29				1.149 (3-)	29
236U 30				1.164 (5-)	30

236U 31				1.164 (6-)	31
236U 32				1.172	32
236U 33				1.192	33
236U 34			1.198	9-	34
236U 35				1.221 (2+,5+)	35
236U 36				1.232 (7-)	36
236U 37				1.232 (4-)	37

236U	38					1.240		38
236U	39					1.249	2+,5+	39
236U	40					1.265	3+,4+	40

236U	41					1.271	(1-,2,3)	41
236U	42					1.282	(5-)	42
236U	43					1.320	(8-)	43
236U	44					1.320	2+,5+	44
236U	45					1.329	3+,4+	45
236U	46					1.333	3+,4+	46
236U	47					1.343	(6-)	47
236U	48					1.347	(3+,4+)	48
236U	49					1.351	3+,4+	49
236U	50					1.381	3+,4+	50

236U	51					1.392		51
236U	52					1.400	2+,5+	52
236U	53					1.413	(7-)	53
236U	54	1.426	14+					54 2.8 PS 3
236U	55			1.443	11-			55
236U	56					1.472	(6-)	56
236U	57					1.542	(7-)	57
236U	58					1.572		58
236U	59					1.580	(1,2)	59
236U	60					1.605	1-,2+	60

236U	61					1.622	(8-)	61
236U	62					1.643		62
236U	63					1.662	1,2+	63
236U	64					1.690		64
236U	65			1.732	13-			65
236U	66					1.748		66
236U	67					1.776	2	67
236U	68					1.791	1(+)	68
236U	69	1.801	16+					69 2.1 PS 2
236U	70					1.808	1,2+	70

236U	71					1.855		71
236U	72					1.865	1,2+	72
236U	73					1.897		73
236U	74					1.912		74
236U	75					1.947		75
236U	76					1.973	1,2+	76
236U	77					1.979	1-,2	77
236U	78					1.981	1,2+	78
236U	79					2.054	1(+)	79
236U	80			2.060	15-			80

236U	81					2.087	1(-)	81
236U	82					2.096	1(+)	82

236U	83					2.114		83
236U	84					2.155	0,1,2	84
236U	85					2.177		85
236U	86					2.189	1(+)	86
236U	87					2.190	(1,2+)	87
236U	88	2.204	18+					88 1.17 PS 12
236U	89					2.227	(2)	89
236U	90					2.234		90

236U	91					2.244	1	91
236U	92					2.251	1(+)	92
236U	93					2.260		93
236U	94					2.285	1(+)	94
236U	95			2.426	17-			95
236U	96					2.436	1(+)	96
236U	97					2.440	1(+)	97
236U	98					2.457	1(+)	98
236U	99					2.494	1(+)	99
236U	100					2.499	1(+)	100

236U	101	2.632	20+					101 0.84 PS 12
236U	102					2.699	1(+)	102
236U	103					2.712	1(-)	103
236U	104					2.750	(0+)	104 120 NS 2
236U	105					2.756	1(+)	105
236U	106					2.770	(2+)	106
236U	107					2.817	(4+)	107
236U	108					2.822	(19-)	108
236U	109					2.823	1(+)	109
236U	110					2.838	1(+)	110

236U	111					2.878	1(-)	111
236U	112					2.891	(6+)	112
236U	113					2.924	(2)	113
236U	114					2.969	1(+)	114
236U	115					2.992	(8+)	115
236U	116	3.081	22+					116 0.65 PS 15
236U	117					3.144	1(+)	117
236U	118					3.434	(0+)	118
236U	119					3.550	(24+)	119 0.41 PS 8
236U	120					4.039	(26+)	120 0.33 PS 9

236U	121					4.549	(28+)	121 0.17 PS 7
236U	122					5.077	(30+)	122

S-p = 7.133 (0.014)-----
S-n = 6.546 (0.002)-----
S-2p = 12.746 (0.003)-----
S-2n = 11.843 (0.002)-----

S-alpha= -4.573 (0.002)-----

S+p = -4.862 (0.002)

S+n = -5.126 (0.002)

S+2p = -10.859 (0.002)

S+2n = -11.279 (0.002)

S+alpha = 5.256 (0.002)

gap p = 2.271 (0.014)

gap n = 1.420 (0.002)

gap 2p = 1.887 (0.003)

gap 2n = 0.564 (0.002)

gap alpha = 0.683 (0.002)