

^{134}Cs $Z = 55$ $N = 79$ adopted link ENSDF link

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

BE = 1125.419 (0.000) MeV
 Qbeta- = 2.059 (0.000) MeV
 Qbeta+ = 1.235 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
134CS 1	0.000	4+			1 2.0652 Y 4
134CS 2	0.011	5+			2 46.6 NS 6
134CS 3				0.060 (3)+	3
134CS 4			0.139 8-		4 2.912 H 2
134CS 5				0.174 (2,3)+	5
134CS 6				0.176 3-,4-	6 49.7 NS 8
134CS 7				0.177 (1)+	7
134CS 8				0.190 (3)+	8
134CS 9			0.194 4-		9
134CS 10				0.198 (2)+	10
134CS 11				0.210 (4,5)+	11
134CS 12				0.234 (3)+	12
134CS 13			0.257 6-		13 12.3 NS 11
134CS 14				0.268 4-,5-	14
134CS 15				0.271 (2,3)+	15
134CS 16				0.291 (2)+	16
134CS 17			0.344 7-		17
134CS 18	0.377	4+			18
134CS 19			0.383 6-		19
134CS 20				0.434 6-,7-	20
134CS 21			0.450 5-		21
134CS 22				0.451 (3)+	22
134CS 23				0.454 3+,4+	23
134CS 24				0.484 (3,4)-	24
134CS 25				0.503 (3,4)+	25
134CS 26				0.519 (3,4)+	26
134CS 27				0.540 (3,4,5)+	27
134CS 28			0.571 4-		28
134CS 29				0.579 (2,3)+	29
134CS 30				0.584 (2,3)+	30
134CS 31				0.613 (4,5)-	31
134CS 32				0.622 (2,3,4,5)+	32
134CS 33				0.624 (5)-	33
134CS 34				0.641	34
134CS 35			0.644 4-		35
134CS 36				0.653	36

134CS 37				0.665		37
134CS 38				0.676		38
134CS 39				0.681		39
134CS 40				0.685	(2,3)-	40

134CS 41				0.689	(4)+	41
134CS 42				0.694	(2,3,4+)	42
134CS 43				0.702	3-,4-	43
134CS 44				0.716	(2,3)-	44
134CS 45				0.720	+	45
134CS 46				0.741	(3+,4)	46
134CS 47				0.749		47
134CS 48		0.753	4-			48
134CS 49				0.784	(GE 6-)	49
134CS 50				0.801	(1+,2,3,4+)	50

134CS 51				0.803		51
134CS 52				0.819		52
134CS 53				0.821		53
134CS 54				0.822	(2,3,4+)	54
134CS 55				0.832	4-,5-	55
134CS 56				0.836	(2+,3,4,5+)	56
134CS 57				0.840	3-,4-	57
134CS 58				0.842		58
134CS 59				0.845		59
134CS 60				0.851		60

134CS 61				0.862		61
134CS 62				0.880	(3+,4+)	62
134CS 63				0.913	3+,4+	63
134CS 64				0.916	3-,4-	64
134CS 65				0.932		65
134CS 66				0.938	(4)-	66
134CS 67				0.941	(4-)	67
134CS 68				0.948	2-,3-,4-	68
134CS 69				0.976	3-,4-	69
134CS 70				0.982		70

134CS 71				0.992	4-,5-	71
134CS 72				1.004		72
134CS 73				1.015		73
134CS 74				1.029		74
134CS 75				1.033		75
134CS 76				1.044	(4)+	76
134CS 77				1.068		77
134CS 78				1.088	(3,4)-	78
134CS 79				1.095	(2)-	79
134CS 80				1.100	(2,3)-	80

134CS 81				1.115		81

134CS 82				1.120		82
134CS 83				1.133		83
134CS 84				1.143	(2,3,4)-	84
134CS 85				1.158		85
134CS 86				1.163	(3-,4)	86
134CS 87				1.171		87
134CS 88				1.182		88
134CS 89				1.188		89
134CS 90				1.210		90

134CS 91				1.215		91
134CS 92				1.219		92
134CS 93				1.233		93
134CS 94		1.239	5-			94
134CS 95				1.251		95
134CS 96				1.254	3-,4-	96
134CS 97				1.263		97
134CS 98				1.266	(3-,4)	98
134CS 99				1.272		99
134CS 100				1.276		100

134CS 101				1.280		101
134CS 102				1.288		102
134CS 103				1.294		103
134CS 104				1.313		104
134CS 105				1.319		105
134CS 106				1.323		106
134CS 107				1.326		107
134CS 108				1.339		108
134CS 109				1.361		109
134CS 110				1.371		110

134CS 111				1.382		111
134CS 112				1.386		112
134CS 113				1.394		113
134CS 114				1.398		114
134CS 115				1.404		115
134CS 116				1.407		116
134CS 117				1.418		117
134CS 118				1.457		118
134CS 119				1.552		119
134CS 120				1.971		120

134CS 121				2.099		121
134CS 122				2.254		122

S-p = 6.537 (0.002)-----
S-n = 6.892 (0.000)-----
S-2p = 15.766 (0.004)-----

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S-2n = 15.881 ( 0.001)-----  
S-alpha= 2.380 ( 0.003)-----  
  
S+p = -8.248 ( 0.000)  
S+n = -8.762 ( 0.000)  
S+2p = -13.724 ( 0.053)  
S+2n = -15.590 ( 0.002)  
S+alpha = -2.047 ( 0.000)  
  
gap p = -1.712 ( 0.002)  
gap n = -1.870 ( 0.000)  
gap 2p = 2.042 ( 0.053)  
gap 2n = 0.291 ( 0.002)  
gap alpha = 0.333 ( 0.003)
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