

$^{132}\text{Te}$        $Z = 52$        $N = 80$       adopted link      ENSDF link

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

BE = 1109.920 ( 0.003) MeV

Qbeta- = 0.515 ( 0.005) MeV

	Energy T	J+	J-	J-other	T1/2
132TE 1	0.000	0+			1 3.204 D 13
132TE 2	0.974	2+			2 1.83 PS 18
132TE 3				1.665 (2+)	3
132TE 4	1.671	4+			4
132TE 5	1.775	6+			5 145 NS 8
132TE 6				1.788 (2+)	6
132TE 7				1.925 (7)-	7 28.1 US 15
132TE 8				2.054 (5)-	8
132TE 9				2.108 (3,4+)	9
132TE 10				2.192	10
132TE 11				2.249 (2+)	11
132TE 12				2.364 (2+)	12
132TE 13				2.411	13
132TE 14				2.422 (5-,6,7-)	14
132TE 15				2.488 (2+,3,4+)	15
132TE 16				2.517	16
132TE 17				2.553	17
132TE 18				2.577	18
132TE 19				2.602 (2+,3,4+)	19
132TE 20				2.608 (2+,3,4+)	20
132TE 21				2.665	21
132TE 22				2.701 (8+)	22
132TE 23				2.723 (10+)	23 3.70 US 9
132TE 24				2.764	24
132TE 25				2.764 (4+)	25
132TE 26				2.855 (4+,5,6+)	26
132TE 27				2.885 (2+,3,4+)	27
132TE 28				2.918 (2+,3,4+)	28
132TE 29				2.968	29
132TE 30				2.971 (4+,5,6+)	30
132TE 31				3.015 (4+)	31
132TE 32				3.092	32
132TE 33				3.210	33
132TE 34				3.211 (4+,5)	34
132TE 35				3.235 (5-,6,7-)	35
132TE 36				3.241	36
132TE 37				3.255	37

132TE 38				3.261		38
132TE 39				3.306		39
132TE 40				3.336	(5-,6,7-)	40
-----						
132TE 41				3.351		41
132TE 42				3.429		42
132TE 43				3.478		43
132TE 44				3.489		44
132TE 45				3.519		45
132TE 46				3.525		46
132TE 47				3.563		47
132TE 48				3.593		48
132TE 49				3.629		49
132TE 50				3.660		50
-----						
132TE 51				3.693		51
132TE 52				3.711		52
132TE 53				3.722		53
132TE 54				3.821		54
132TE 55				3.858		55
132TE 56				3.887		56
132TE 57				3.891		57
132TE 58				3.942		58
132TE 59				3.995		59
132TE 60				4.002		60
-----						
132TE 61				4.002		61
132TE 62				4.055		62
132TE 63				4.055		63
132TE 64				4.077		64
132TE 65				4.127		65
132TE 66				4.174		66
-----						
S-alpha=	4.252	(	0.018)	-----		
132TE 67				4.261		67
132TE 68				4.262		68
132TE 69				4.305		69
132TE 70				4.325		70
-----						
132TE 71				4.338		71
132TE 72				4.375		72
132TE 73				4.382		73
132TE 74				4.415		74
132TE 75				4.434		75
132TE 76				4.440		76
132TE 77				4.443		77
132TE 78				4.444		78
132TE 79				4.467		79
132TE 80				4.469		80
-----						
132TE 81				4.489		81

132TE 82				4.490	82
132TE 83				4.514	83
132TE 84				4.533	84
132TE 85				4.534	85
132TE 86				4.584	86
132TE 87				4.585	87
132TE 88				4.589	88
132TE 89				4.604	89
132TE 90				4.607	90
-----					
132TE 91				4.654	91
132TE 92				4.674	92
132TE 93				4.687	93
132TE 94				4.714	94
132TE 95				4.749	95
132TE 96				4.890	96

S-p = 10.496 ( 0.004)-----  
S-n = 8.049 ( 0.003)-----  
S-2p = 19.634 ( 0.004)-----  
S-2n = 13.978 ( 0.003)-----  
S-alpha= 4.252 ( 0.018)-----

S+p = -7.958 ( 0.007)  
S+n = -5.820 ( 0.004)  
S+2p = -17.516 ( 0.003)  
S+2n = -13.488 ( 0.004)  
S+alpha = -3.666 ( 0.003)

gap p = 2.538 ( 0.008)  
gap n = 2.229 ( 0.005)  
gap 2p = 2.119 ( 0.005)  
gap 2n = 0.490 ( 0.006)  
gap alpha = 0.586 ( 0.018)