

^{130}Te $Z = 52$ $N = 78$ adopted link ENSDF link

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

BE = 1095.942 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
130TE 1	0.000	0+			1 0.79E+21 Y GT
130TE 2	0.839	2+			2 2.30 PS 5
130TE 3	1.588	2+			3
130TE 4	1.633	4+			4
130TE 5				1.815 (6)+	5 9.8 NS 5
130TE 6	1.886	2+			6
130TE 7				1.965 (0+)	7
130TE 8	1.982	4+			8
130TE 9			2.101 5-		9
130TE 10	2.139	3+			10
130TE 11				2.146 (7)-	11 115 NS 8
130TE 12				2.191 (2+)	12
130TE 13				2.283 (2+)	13
130TE 14				2.300 (2+)	14
130TE 15				2.331 (4+)	15
130TE 16				2.405 (6)-	16
130TE 17				2.418	17
130TE 18				2.432 (7)-	18
130TE 19			2.436 4-		19
130TE 20	2.449	4+			20
130TE 21				2.467 (2+)	21
130TE 22			2.527 3-		22
130TE 23				2.575	23
130TE 24				2.581 (2+)	24
130TE 25				2.607 1	25
130TE 26				2.649 (8+)	26

S-p = 10.013 (0.021)-----
S-n = 8.419 (0.001)-----
S-2p = 18.569 (0.018)-----
S-2n = 14.502 (0.001)-----
S-alpha= 3.763 (0.011)-----

S+p = -7.379 (0.001)
S+n = -5.929 (0.000)
S+2p = -16.504 (0.000)
S+2n = -13.978 (0.003)
S+alpha = -3.198 (0.000)

gap p = 2.634 (0.021)
gap n = 2.490 (0.001)
gap 2p = 2.065 (0.018)
gap 2n = 0.524 (0.004)
gap alpha = 0.565 (0.011)