

^{108}Te $Z = 52$ $N = 56$ adopted link ENSDF link

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

BE = 896.802 (0.005) MeV

Qbeta+ = 6.664 (0.008) MeV

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

S-alpha=	-3.420	(0.008)	-----		
108TE 1	0.000	0+			1 2.1 S 1
108TE 2	0.625	2+			2
108TE 3	1.289	4+			3
108TE 4	2.048	6+			4
S-p	= 2.417	(0.007)	-----		
108TE 5				2.443 5(-)	5
108TE 6	2.945	8+			6
108TE 7				2.997 7(-)	7
S-2p	= 3.006	(0.007)	-----		
108TE 8				3.644	8
108TE 9				3.661 9(-)	9
108TE 10	3.886	10+			10

108TE 11				4.491 11(-)	11
108TE 12				4.629	12
108TE 13	4.909	12+			13
108TE 14				5.295 13(-)	14
108TE 15	5.980	14+			15
108TE 16				6.090 15(-)	16
108TE 17				7.129 17(-)	17
108TE 18				7.951	18
108TE 19				8.067 19(-)	19
108TE 20				8.929	20

108TE 21				9.327 (21-)	21
108TE 22				9.791	22

S-p = 2.417 (0.007)-----
S-n = 13.196 (0.107)-----
S-2p = 3.006 (0.007)-----
S-2n = 23.705 (0.101)-----
S-alpha= -3.420 (0.008)-----

S+p = 0.820 (0.009)
S+n = -10.005 (0.007)
S+2p = -0.719 (0.101)
S+2n = -22.591 (0.009)
S+alpha = 3.330 (0.010)

gap p = 3.237 (0.011)
gap n = 3.191 (0.107)
gap 2p = 2.287 (0.101)
gap 2n = 1.114 (0.101)
gap alpha = -0.090 (0.013)