

^{110}Te $Z = 52$ $N = 58$ adopted link ENSDF link

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

BE = 919.393 (0.007) MeV

Qbeta+ = 5.220 (0.009) MeV

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

S-alpha=	-2.699	(0.008)	-----					
110TE 1	0.000	0+						1 18.6 S 8
110TE 2	0.657	2+						2
110TE 3	1.402	4+						3
110TE 4						1.578	(2+)	4
110TE 5	1.915	4+						5
110TE 6						2.191	(4+)	6
110TE 7	2.226	6+						7
110TE 8	2.440	6+						8
110TE 9	2.520	6+						9
110TE 10						2.798	(6+)	10

110TE 11	3.088	8+						11
110TE 12	3.093	7+						12
110TE 13						3.220	(7,8+)	13
S-p	= 3.268	(0.008)	-----					
110TE 14	3.288	8+						14
110TE 15	3.346	8+						15
110TE 16				3.507	7-			16
110TE 17				3.612	8-			17
110TE 18				3.735	9-			18
110TE 19	3.781	10+						19
110TE 20				4.166	10-			20

110TE 21				4.353	11-			21
110TE 22	4.504	12+						22
110TE 23	4.656	10+						23
S-2p	= 4.738	(0.008)	-----					
110TE 24				4.837	12-			24
110TE 25				5.080	13-			25
110TE 26	5.188	12+						26
110TE 27	5.281	14+						27
110TE 28				5.559	14-			28
110TE 29				5.866	15-			29
110TE 30	5.876	14+						30

110TE 31						6.128	(16+)	31
110TE 32				6.541	16-			32
110TE 33	6.639	16+						33
110TE 34				6.860	17-			34

110TE 35						6.901	16(+)	35	
110TE 36		6.950	16+					36	
110TE 37						7.210	17(-)	37	
110TE 38		7.582	18+					38	
110TE 39					7.585	18-		39	
110TE 40						7.627	18(+)	40	

110TE 41					7.725	16-		41	
110TE 42		7.820	18+					42	
110TE 43					7.846	19-		43	
110TE 44					8.110	17-		44	
110TE 45							8.134	19(-)	45
110TE 46		8.345	20+					46	
110TE 47							8.439	20(+)	47
110TE 48					8.445	18-		48	
110TE 49		8.590	20+					49	
110TE 50					8.700	20-		50	

110TE 51					8.787	19-		51	
110TE 52							8.792	(19)-	52
110TE 53					8.943	21-		53	
110TE 54					9.164	20-		54	
110TE 55							9.190	(21-)	55
110TE 56		9.229	22+					56	
110TE 57							9.410	22(+)	57
110TE 58					9.561	21-		58	0.37 PS +17-14
110TE 59							9.622		59
110TE 60		9.685	22+					60	

110TE 61					9.993	22-		61	0.24 PS +9-10

S-p = 3.268 (0.008)-----
S-n = 12.586 (0.008)-----
S-2p = 4.738 (0.008)-----
S-2n = 22.591 (0.009)-----
S-alpha= -2.699 (0.008)-----

S+p = -0.013 (0.008)
S+n = -9.429 (0.009)
S+2p = -2.374 (0.011)
S+2n = -21.480 (0.011)
S+alpha = 2.719 (0.013)

gap p = 3.255 (0.012)
gap n = 3.157 (0.012)
gap 2p = 2.363 (0.014)
gap 2n = 1.111 (0.014)
gap alpha = 0.020 (0.015)