

^{58}Ti $Z = 22$ $N = 36$ adopted link ENSDF link

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

BE = 481.842 (0.183) MeV

Qbeta- = 9.513 (0.207) MeV

	Energy T	J+	J-	J-other	T1/2
58Ti 1	0.000	0+			1 58 MS 9
58Ti 2	1.047	2+			2
58Ti 3				2.038 (4+)	3
58Ti 4				2.423 (LE 3)	4
58Ti 5				2.657 (6+)	5
58Ti 6				2.881 (LE 3)	6

S-p = 16.827 (0.257)-----
 S-n = 4.587 (0.276)-----
 S-2p = 31.985 (0.310)-----
 S-2n = 7.637 (0.209)-----
 S-alpha= 8.182 (0.190)-----

S+p = -13.982 (0.229)
 S+n = -3.020 (0.347)
 S+2p = -30.569 (0.183)
 S+2n = -7.325 (0.302)
 S+alpha = -12.360 (0.183)

gap p = 2.845 (0.344)
 gap n = 1.568 (0.443)
 gap 2p = 1.416 (0.360)
 gap 2n = 0.313 (0.367)
 gap alpha = -4.178 (0.264)