

^{59}Ti $Z = 22$ $N = 37$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 484.862 (-0.295) MeV

Qbeta- = 11.745 (0.325) MeV

	Energy T	J+	J-	J-other	T1/2
59TI 1			0.000	(5/2-)	1 28.5 MS 25
59TI 2			0.113	(1/2-)	2 594 NS 50

S-p = 17.675 (-0.351) -----
 S-n = 3.020 (-0.347) -----
 S-2p = 33.878 (-0.496) -----
 S-2n = 7.607 (-0.360) -----
 S-alpha= 9.640 (-0.336) -----

S+p = -14.510 (-0.347)
 S+n = -4.305 (-0.381)
 S+2p = -31.209 (-0.295)
 S+2n = -6.676 (-0.424)
 S+alpha = -12.737 (-0.304)

gap p = 3.165 (0.493)
 gap n = -1.286 (0.515)
 gap 2p = 2.669 (0.577)
 gap 2n = 0.931 (0.556)
 gap alpha = -3.097 (0.453)