

^{113}Tc $Z = 43$ $N = 70$ adopted link ENSDF link

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

BE = 941.229 (0.003) MeV

Qbeta- = 9.056 (0.038) MeV

	Energy T	J+	J-	J-other	T1/2
113TC	1			0.000 (5/2+)	1 152 MS 8
113TC	2			0.114 (5/2-)	2 0.526 US +16-15
113TC	3			0.000 (5/2+)	3

S-p = 12.638 (0.224)-----
 S-n = 5.624 (0.006)-----
 S-2p = 28.477 (0.333)-----
 S-2n = 9.929 (0.011)-----
 S-alpha= 8.547 (0.431)-----

S+p = -14.699 (0.005)
 S+n = -3.860 (0.433)
 S+2p = -25.996 (0.008)
 S+2n = -9.130 (0.230)
 S+alpha = -8.510 (0.010)

gap p = -2.061 (0.224)
 gap n = 1.764 (0.433)
 gap 2p = 2.481 (0.333)
 gap 2n = 0.799 (0.230)
 gap alpha = 0.036 (0.431)