

^{105}Te $Z = 52$ $N = 53$ adopted link ENSDF link

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

BE = 859.618 (0.300) MeV

Qbeta+ = 11.204 (0.301) MeV

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

S-alpha=	-5.069 (0.424)				
105TE 1				0.000 [5/2+]	1 0.62 US 7
105TE 2				0.150 [7/2+]	2

S-p = 0.786 (0.318)-----
 S-n = 11.256 (0.437)-----
 S-2p = 0.289 (0.317)-----
 S-2n = 0.000 (0.000)-----
 S-alpha= -5.069 (0.424)-----

S+p = 2.184 (0.519)
 S+n = -13.480 (0.316)
 S+2p = 0.000 (0.000)
 S+2n = -23.988 (0.319)
 S+alpha = 4.217 (0.424)

gap p = 2.970 (0.609)
 gap n = -2.224 (0.539)
 gap 2p = 0.000 (0.000)
 gap 2n = 0.000 (0.000)
 gap alpha = -0.852 (0.600)