

$^{188}\text{Ta}$        $Z = 73$        $N = 115$       adopted link      ENSDF link

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

BE = 1494.224 (-0.188) MeV

Qbeta- = 4.740 ( 0.188) MeV

	Energy T	J+	J-	J-other	T1/2
188TA 1				0.000 (1-)	1 19.6 S 20
S-alpha=	0.000 (-0.263)	-----			
188TA 2				0.099 (7-)	2 19.6 S 20
188TA 3				0.391	3 3.7 US 4
188TA 4				0.000 (1-)	4 19.6 S 20

S-p = 8.135 (-0.265)-----

S-n = 5.103 (-0.196)-----

S-2p = 18.128 (-0.417)-----

S-2n = 11.463 (-0.197)-----

S-alpha= 0.000 (-0.263)-----

S+p = -9.082 (-0.267)

S+n = -6.058 (-0.267)

S+2p = -16.233 (-0.188)

S+2n = -10.956 (-0.267)

S+alpha = -0.086 (-0.201)

gap p = -0.947 ( 0.376)

gap n = -0.955 ( 0.331)

gap 2p = 1.895 ( 0.457)

gap 2n = 0.506 ( 0.332)

gap alpha = -0.086 ( 0.331)