

$^{213}\text{Tl}$        $Z = 81$        $N = 132$       adopted link      ENSDF link

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

BE = 1654.037 ( 0.027) MeV

Qbeta- = 4.987 ( 0.028) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-1.533 ( 0.419)				
213TL 1				0.000 (1/2+)	1 23.8 S 44

S-p = 8.493 ( 0.214)-----

S-n = 4.677 ( 0.214)-----

S-2p = 0.000 ( 0.000)-----

S-2n = 8.281 ( 0.050)-----

S-alpha= -1.533 ( 0.419)-----

S+p = -9.256 ( 0.027)

S+n = -3.393 ( 0.216)

S+2p = -14.733 ( 0.028)

S+2n = -7.913 ( 0.217)

S+alpha = 4.521 ( 0.032)

gap p = -0.763 ( 0.215)

gap n = 1.284 ( 0.304)

gap 2p = 0.000 ( 0.000)

gap 2n = 0.368 ( 0.222)

gap alpha = 2.988 ( 0.420)