

^{238}Th $Z = 90$ $N = 148$ adopted link ENSDF link

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

BE = 1798.090 (-0.238) MeV

Qbeta- = 1.578 (0.239) MeV

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

S-alpha=	-3.117 (-0.238)				
238TH	1 0.000	0+			1 9.4 M 20

S-p	= 8.740 (-0.530)				
S-n	= 5.554 (-0.239)				
S-2p	= 0.000 (-0.000)				
S-2n	= 9.925 (-0.238)				
S-alpha=	-3.117 (-0.238)				

S+p	= -6.360 (-0.337)				
S+n	= -3.970 (-0.534)				
S+2p	= -14.335 (-0.238)				
S+2n	= 0.000 (-0.000)				
S+alpha	= 3.642 (-0.339)				

gap p	= 2.380 (0.629)				
gap n	= 1.584 (0.585)				
gap 2p	= 0.000 (0.000)				
gap 2n	= 0.000 (0.000)				
gap alpha	= 0.525 (0.415)				