

^{235}Th $Z = 90$ $N = 145$ adopted link ENSDF link

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

BE = 1782.331 (0.013) MeV
 Qbeta- = 1.729 (0.019) MeV

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

S-alpha=	-3.376 (0.017)				
235TH 1			0.000	(1/2+)	1 7.2 M 1

S-p	= 8.112 (0.019)				
S-n	= 4.667 (0.013)				
S-2p	= 14.894 (0.016)				
S-2n	= 10.857 (0.013)				
S-alpha=	-3.376 (0.017)				

S+p	= -5.973 (0.019)				
S+n	= -5.834 (0.019)				
S+2p	= -13.205 (0.013)				
S+2n	= -10.205 (0.021)				
S+alpha	= 4.130 (0.013)				

gap p	= 2.140 (0.027)				
gap n	= -1.167 (0.023)				
gap 2p	= 1.689 (0.020)				
gap 2n	= 0.651 (0.024)				
gap alpha	= 0.754 (0.022)				