

^{238}Bk $Z = 97$ $N = 141$ adopted link ENSDF link

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

BE = 1790.950 (-0.238) MeV

Qbeta+ = 4.691 (0.238) MeV

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

S-alpha=	-7.322 (-0.334)				
238BK	1			0.000	1 144 S 5

S-p	= 2.400 (-0.249)				
S-n	= 7.051 (-0.336)				
S-2p	= 6.554 (-0.335)				
S-2n	= 15.522 (-0.529)				
S-alpha=	-7.322 (-0.334)				

S+p	= -3.223 (-0.337)				
S+n	= -8.003 (-0.337)				
S+2p	= -4.490 (-0.536)				
S+2n	= -14.570 (-0.338)				
S+alpha	= 8.360 (-0.339)				

gap p	= -0.823 (0.419)				
gap n	= -0.952 (0.476)				
gap 2p	= 2.064 (0.632)				
gap 2n	= 0.952 (0.627)				
gap alpha	= 1.038 (0.476)				