

^{234}Bk $Z = 97$ $N = 137$ adopted link ENSDF link

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

BE = 1759.446 (-0.234) MeV

Qbeta+ = 6.632 (0.235) MeV

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

S-alpha=	-8.110 (-0.328)				
234BK 1			0.000		1 1.4E2 S +14-5

S-p =	1.228 (-0.248)				
S-n =	7.519 (-0.330)				
S-2p =	4.598 (-0.330)				
S-2n =	0.000 (-0.000)				
S-alpha=	-8.110 (-0.328)				

S+p =	0.000 (-0.000)				
S+n =	-8.694 (-0.525)				
S+2p =	0.000 (-0.000)				
S+2n =	-15.982 (-0.527)				
S+alpha =	0.000 (-0.000)				

gap p =	0.000 (0.000)				
gap n =	-1.175 (0.620)				
gap 2p =	0.000 (0.000)				
gap 2n =	0.000 (0.000)				
gap alpha =	0.000 (0.000)				