

^{244}Bk $Z = 97$ $N = 147$ adopted link ENSDF link

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

BE = 1832.800 (0.014) MeV

Qbeta+ = 2.262 (0.014) MeV

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

S-alpha=	-6.779	(0.020)	-----		
244BK	1			0.000 (4-)	1 5.02 H 3
244BK	2			0.140	2
244BK	3			0.170	3
244BK	4			0.200	4

S-p = 3.757 (0.014)-----

S-n = 6.047 (0.015)-----

S-2p = 9.332 (0.014)-----

S-2n = 13.202 (0.242)-----

S-alpha= -6.779 (0.020)-----

S+p = -4.618 (0.015)

S+n = -6.971 (0.015)

S+2p = -7.473 (0.091)

S+2n = -12.890 (0.062)

S+alpha = 7.048 (0.014)

gap p = -0.861 (0.021)

gap n = -0.924 (0.021)

gap 2p = 1.859 (0.092)

gap 2n = 0.313 (0.250)

gap alpha = 0.269 (0.025)