

^{241}Bk $Z = 97$ $N = 144$ adopted link ENSDF link

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

BE = 1813.284 (-0.241) MeV

Qbeta+ = 2.314 (0.241) MeV

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

S-alpha=	-6.969	(-0.000)			
241BK	1			0.000 (7/2+)	1 4.6 M 4
241BK	2			0.051 (3/2-)	2
241BK	3			0.082 (5/2-)	3
241BK	4			0.128 (7/2-)	4

S-p = 2.997 (-0.241)-----

S-n = 7.764 (-0.340)-----

S-2p = 7.952 (-0.241)-----

S-2n = 14.331 (-0.339)-----

S-alpha= -6.969 (-0.000)-----

S+p = -3.918 (-0.241)

S+n = -6.314 (-0.342)

S+2p = -5.814 (-0.342)

S+2n = -13.469 (-0.241)

S+alpha = 7.755 (-0.344)

gap p = -0.921 (0.341)

gap n = 1.450 (0.482)

gap 2p = 2.138 (0.419)

gap 2n = 0.862 (0.416)

gap alpha = 0.786 (0.344)