

^{219}Po $Z = 84$ $N = 135$ adopted link ENSDF link

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

BE = 1689.220 (0.016) MeV

Qbeta- = 2.285 (0.016) MeV

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

S-alpha=	-5.914 (0.055)				
219PO 1			0.000	(9/2+)	1 620 S 59

S-p = 7.824 (0.031)-----

S-n = 3.747 (0.016)-----

S-2p = 14.197 (0.218)-----

S-2n = 9.345 (0.017)-----

S-alpha= -5.914 (0.055)-----

S+p = -5.595 (0.021)

S+n = -5.489 (0.024)

S+2p = -12.788 (0.017)

S+2n = -9.050 (0.025)

S+alpha = 5.283 (0.018)

gap p = 2.229 (0.038)

gap n = -1.743 (0.029)

gap 2p = 1.409 (0.218)

gap 2n = 0.294 (0.030)

gap alpha = -0.631 (0.058)