

^{194}Po $Z = 84$ $N = 110$ adopted link ENSDF link

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

BE = 1511.123 (0.013) MeV

Qbeta+ = 5.018 (0.014) MeV

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

S-alpha=	-6.987 (0.018)				
194Po 1	0.000	0+			1 0.392 S 4
194Po 2	0.319	2+			2 26 PS 5
194Po 3	0.685	4+			3 9.7 PS 28
194Po 4				0.758 (2+)	4
194Po 5	1.147	6+			5
194Po 6				1.210 (4+)	6
194Po 7				1.644 (6+)	7
194Po 8	1.692	8+			8
194Po 9				1.985 (7-)	9
194Po 10				2.066 (8+)	10

194Po 11				2.282 (9-)	11
194Po 12	2.294	10+			12
194Po 13				2.314 (10-)	13 12.9 US 5
S-p =	2.409 (0.015)				
194Po 14	2.623	12+			14
194Po 15				2.654 (10)	15
194Po 16				2.915 (14+)	16
S-2p =	3.031 (0.014)				
194Po 17				3.325 (16+)	17

S-p =	2.409 (0.015)				
S-n =	10.751 (0.019)				
S-2p =	3.031 (0.014)				
S-2n =	19.081 (0.017)				
S-alpha=	-6.987 (0.018)				

S+p =	0.245 (0.016)				
S+n =	-8.183 (0.014)				
S+2p =	-1.598 (0.019)				
S+2n =	-18.607 (0.014)				
S+alpha =	7.349 (0.019)				

gap p =	2.655 (0.022)				
gap n =	2.567 (0.024)				
gap 2p =	1.433 (0.024)				
gap 2n =	0.474 (0.022)				
gap alpha =	0.363 (0.026)				