

^{191}Po $Z = 84$ $N = 107$ adopted link ENSDF link

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

BE = 1480.973 (0.007) MeV

Qbeta+ = 8.171 (0.010) MeV

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

S-alpha=	-7.493 (0.009)				
191PO	1			0.000 (3/2-)	1 22 MS 1
191PO	2			0.040 (13/2+)	2 93 MS 3
191PO	3			0.301 (17/2+)	3
191PO	4			0.668 (21/2+)	4
191PO	5			1.132 (25/2+)	5
191PO	6			1.671 (29/2+)	6

S-p = 1.762 (0.022)-----

S-n = 8.577 (0.015)-----

S-2p = 1.803 (0.016)-----

S-2n = 19.789 (0.023)-----

S-alpha= -7.493 (0.009)-----

S+p = 0.706 (0.029)

S+n = -11.069 (0.013)

S+2p = -0.466 (0.026)

S+2n = -19.399 (0.016)

S+alpha = 7.694 (0.052)

gap p = 2.467 (0.036)

gap n = -2.492 (0.020)

gap 2p = 1.337 (0.030)

gap 2n = 0.390 (0.028)

gap alpha = 0.201 (0.053)