

$^{193}\text{Po}$        $Z = 84$        $N = 109$       adopted link      ENSDF link

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

BE = 1500.373 ( 0.015) MeV

Qbeta+ = 7.559 ( 0.016) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-7.094	( 0.020)	-----		
193PO	1			0.000 (3/2-)	1 399 MS 34
193PO	2			0.100 (13/2+)	2 245 MS 11
193PO	3			0.351 (17/2+)	3
193PO	4			0.375 (15/2+)	4
193PO	5			0.712 (21/2+)	5
193PO	6			0.744 (19/2+)	6
193PO	7			1.176 (25/2+)	7
193PO	8			1.230 (23/2+)	8

S-p = 2.080 ( 0.033)-----

S-n = 8.330 ( 0.018)-----

S-2p = 2.612 ( 0.016)-----

S-2n = 19.399 ( 0.016)-----

S-alpha= -7.094 ( 0.020)-----

S+p = 0.320 ( 0.028)

S+n = -10.751 ( 0.019)

S+2p = -1.202 ( 0.054)

S+2n = -18.934 ( 0.016)

S+alpha = 7.411 ( 0.022)

gap p = 2.400 ( 0.043)

gap n = -2.420 ( 0.027)

gap 2p = 1.410 ( 0.056)

gap 2n = 0.465 ( 0.023)

gap alpha = 0.317 ( 0.030)