

^{215}Po $Z = 84$ $N = 131$ adopted link ENSDF link

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

BE = 1670.158 (0.002) MeV

Qbeta- = 0.715 (0.007) MeV

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

S-alpha=	-7.526	(0.003)	-----		
215PO 1	0.000	9/2+			1 1.781 MS 5
215PO 2	0.271	7/2+			2 195 PS 15
215PO 3				0.294 (11/2)+	3
215PO 4	0.402	5/2+			4 66 PS 7
215PO 5				0.518 7/2+,9/2+	5
215PO 6				0.608 (11/2+,13/2+)	6
215PO 7				0.677	7
215PO 8				0.708	8
215PO 9				0.713 (15/2+)	9
215PO 10				0.733	10

215PO 11				0.835	11
215PO 12				0.877	12
215PO 13				0.891	13
215PO 14				0.930	14
215PO 15				1.021 (19/2+)	15
215PO 16				1.074 (5/2+)	16
215PO 17				1.078	17
215PO 18				1.094	18
215PO 19				1.176	19
215PO 20				1.247 (23/2+)	20

215PO 21				1.295	21
215PO 22				1.399	22
215PO 23				1.503 (23/2-)	23
215PO 24				1.682 (25/2-)	24
215PO 25				2.001 (-)	25
215PO 26				2.159 (-)	26

S-p = 6.630 (0.011)-----

S-n = 4.143 (0.003)-----

S-2p = 11.916 (0.007)-----

S-2n = 10.031 (0.004)-----

S-alpha= -7.526 (0.003)-----

S+p = -4.491 (0.004)

S+n = -5.747 (0.003)

S+2p = -10.378 (0.005)

S+2n = -9.717 (0.007)
S+alpha = 6.946 (0.003)

gap p = 2.139 (0.012)
gap n = -1.604 (0.004)
gap 2p = 1.538 (0.009)
gap 2n = 0.313 (0.008)
gap alpha = -0.580 (0.004)