

^{202}Po $Z = 84$ $N = 118$ adopted link ENSDF link

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

BE = 1582.631 (0.009) MeV

Qbeta+ = 2.809 (0.016) MeV

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

S-alpha=	-5.701 (0.012)				
202PO	1 0.000	0+			1 44.6 M 4
202PO	2 0.677	2+			2
202PO	3 1.249	4+			3
202PO	4			1.303 (2)+	4
202PO	5			1.585 (3,4+)	5
202PO	6 1.667	4+			6
202PO	7			1.689 (3,4+)	7
202PO	8 1.691	6+			8

S-p = 3.802 (0.015)-----

S-n = 9.492 (0.010)-----

S-2p = 6.269 (0.013)-----

S-2n = 17.142 (0.012)-----

S-alpha= -5.701 (0.012)-----

S+p = -1.510 (0.014)

S+n = -7.441 (0.010)

S+2p = -4.607 (0.011)

S+2n = -16.542 (0.013)

S+alpha = 6.384 (0.012)

gap p = 2.291 (0.020)

gap n = 2.051 (0.014)

gap 2p = 1.662 (0.017)

gap 2n = 0.600 (0.018)

gap alpha = 0.683 (0.017)