

^{199}Pb $Z = 82$ $N = 117$ adopted link ENSDF link

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

BE = 1567.272 (0.007) MeV

Qbeta+ = 2.828 (0.029) MeV

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

S-alpha=	-3.357 (0.024)				
199PB 1		0.000	3/2-		1 90 M 10

S-p =	4.992 (0.010)				
S-n =	7.236 (0.011)				
S-2p =	9.270 (0.008)				
S-2n =	16.629 (0.008)				
S-alpha=	-3.357 (0.024)				

S+p =	-2.428 (0.024)				
S+n =	-9.090 (0.012)				
S+2p =	-5.867 (0.008)				
S+2n =	-16.182 (0.015)				
S+alpha =	5.496 (0.008)				

gap p =	2.564 (0.026)				
gap n =	-1.855 (0.016)				
gap 2p =	3.402 (0.011)				
gap 2n =	0.447 (0.017)				
gap alpha =	2.139 (0.026)				