

^{209}Au $Z = 79$ $N = 130$ adopted link ENSDF link

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

BE = 1627.274 (-0.418) MeV

Qbeta- = 6.425 (0.467) MeV

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

S-alpha=	-1.047	(-0.586)			
209AU	1			0.000 (3/2+)	1 300 NS GT

S-p	= 9.034	(-0.590)			
S-n	= 4.250	(-0.467)			
S-2p	= 0.000	(-0.000)			
S-2n	= 7.706	(-0.466)			
S-alpha=	-1.047	(-0.586)			

S+p	= -10.516	(-0.468)			
S+n	= -3.166	(-0.593)			
S+2p	= -18.482	(-0.420)			
S+2n	= 0.000	(-0.000)			
S+alpha	= 1.533	(-0.419)			

gap p	= -1.482	(0.753)			
gap n	= 1.084	(0.754)			
gap 2p	= 0.000	(0.000)			
gap 2n	= 0.000	(0.000)			
gap alpha	= 0.486	(0.720)			