

^{181}Au $Z = 79$ $N = 102$ adopted link ENSDF link

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

BE = 1426.974 (0.020) MeV

Qbeta+ = 6.510 (0.024) MeV

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

S-alpha=	-5.751 (0.028)				
181AU 1			0.000	(3/2-)	1 13.7 S 14

S-p	= 0.730 (0.022)	-----			
S-n	= 10.317 (0.021)	-----			
S-2p	= 4.367 (0.022)	-----			
S-2n	= 19.025 (0.023)	-----			
S-alpha=	-5.751 (0.028)	-----			

S+p	= -2.995 (0.022)
S+n	= -8.504 (0.027)
S+2p	= -3.294 (0.022)
S+2n	= -18.463 (0.022)
S+alpha	= 5.688 (0.029)

gap p	= -2.265 (0.032)
gap n	= 1.813 (0.034)
gap 2p	= 1.073 (0.031)
gap 2n	= 0.562 (0.032)
gap alpha	= -0.063 (0.040)