

^{179}Au $Z = 79$ $N = 100$ adopted link ENSDF link

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

BE = 1407.949 (0.012) MeV

Qbeta+ = 7.280 (0.014) MeV

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

S-alpha=	-5.981 (0.017)				
179AU	1			0.000 (1/2+,3/2+)	1 7.1 S 3

S-p = 0.280 (0.015)-----

S-n = 10.757 (0.016)-----

S-2p = 3.519 (0.023)-----

S-2n = 19.585 (0.015)-----

S-alpha= -5.981 (0.017)-----

S+p = -2.551 (0.017)

S+n = -8.708 (0.013)

S+2p = -2.388 (0.015)

S+2n = -19.025 (0.023)

S+alpha = 5.976 (0.015)

gap p = -2.271 (0.023)

gap n = 2.048 (0.020)

gap 2p = 1.131 (0.027)

gap 2n = 0.560 (0.028)

gap alpha = -0.005 (0.023)