

^{201}Au $Z = 79$ $N = 122$ adopted link ENSDF link

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

BE = 1586.930 (0.003) MeV

Qbeta- = 1.262 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
201AU 1	0.000	3/2+			1 26.0 M 8
201AU 2	0.101	1/2+			2
201AU 3	0.359	3/2+			3
201AU 4				0.549	4
S-alpha= 0.562 (0.020)-----					
201AU 5			0.594	11/2-	5
201AU 6	0.653	5/2+			6
201AU 7	0.810	5/2+			7
201AU 8	0.897	1/2+			8
201AU 9	1.055	3/2+			9
201AU 10	1.216	5/2+			10

201AU 11				1.242 (5/2+)	11
201AU 12	1.465	5/2+			12
201AU 13			1.506	11/2-	13
201AU 14				1.548	14
201AU 15				1.664	15
201AU 16				1.698	16
201AU 17				1.760	17
201AU 18				1.900	18
201AU 19				1.941	19
201AU 20				1.981	20

201AU 21				2.055	21

S-p = 7.091 (0.020)-----

S-n = 7.232 (0.027)-----

S-2p = 16.580 (0.041)-----

S-2n = 13.450 (0.003)-----

S-alpha= 0.562 (0.020)-----

S+p = -8.234 (0.003)

S+n = -6.024 (0.024)

S+2p = -13.938 (0.003)

S+2n = -12.885 (0.004)

S+alpha = 0.155 (0.003)

gap p = -1.143 (0.021)

gap n = 1.208 (0.036)

gap 2p = 2.642 (0.041)
gap 2n = 0.564 (0.006)
gap alpha = 0.717 (0.021)