

^{192}Au $Z = 79$ $N = 113$ adopted link ENSDF link

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

BE = 1520.660 (0.016) MeV

Qbeta+ = 3.516 (0.016) MeV

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

S-alpha=	-3.148 (0.018)-----				
192AU 1			0.000 1-		1 4.94 H 9
192AU 2			0.032 2-		2 0.69 NS 2
192AU 3			0.073 3-		3
192AU 4				0.120 0-,1-,2-	4
192AU 5				0.135 (5)+	5 29 MS
192AU 6				0.146 (1,2)-	6
192AU 7				0.157 0-,1-	7 0.05 NS LT
192AU 8				0.167 (1)-	8
192AU 9				0.205 0-,1-,2-	9
192AU 10				0.225 (6)+	10

192AU 11				0.243 (7)+	11
192AU 12				0.245 0-,1-	12
192AU 13				0.263 0-,1-	13
192AU 14	0.306	1+			14 0.18 NS LT
192AU 15				0.372 (8)+	15
192AU 16				0.432 (11-)	16 160 MS 20
192AU 17				0.437 0-,1-	17
192AU 18				0.659 (12-)	18
192AU 19				0.839 (13-)	19
192AU 20				1.099 (14-)	20

192AU 21				1.547 (15-)	21
192AU 22				1.820 (16-)	22
192AU 23				1.963 (15+)	23
192AU 24				2.176 (17+)	24
192AU 25				2.316 (17-)	25
192AU 26				2.431 (18+)	26
192AU 27				2.516 (18+)	27
192AU 28				2.583 (20+)	28 5.4 NS 3
192AU 29				2.608 (18-)	29
192AU 30				2.642 (17+,18+,19+)	30

192AU 31				2.977 (20+)	31
192AU 32			3.009 19-		32
192AU 33				3.013 (20)	33
192AU 34				3.044	34
192AU 35				3.317 (22)	35
192AU 36				3.524 (22)	36

192AU	37				3.591	37
192AU	38				3.783	38
S-p	=	4.363	(0.016)	-----		
192AU	39				4.635	39

S-p	=	4.363	(0.016)	-----		
S-n	=	7.046	(0.017)	-----		
S-2p	=	10.597	(0.016)	-----		
S-2n	=	16.081	(0.016)	-----		
S-alpha	=	-3.148	(0.018)	-----		

S+p	=	-5.579	(0.022)
S+n	=	-8.704	(0.018)
S+2p	=	-8.743	(0.021)
S+2n	=	-15.582	(0.016)
S+alpha	=	2.851	(0.020)

gap p	=	-1.216	(0.028)
gap n	=	-1.658	(0.024)
gap 2p	=	1.853	(0.026)
gap 2n	=	0.499	(0.023)
gap alpha	=	-0.297	(0.027)