

^{173}Au $Z = 79$ $N = 94$ adopted link ENSDF link

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

BE = 1347.365 (0.023) MeV

Qbeta+ = 9.105 (0.067) MeV

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

S-alpha=	-6.836	(0.033)	-----		
S-p	-0.986	(0.025)	-----		
173AU	1			0.000 (1/2+)	1 26.3 MS 12
173AU	2			0.214 (11/2-)	2 12.2 MS 1
173AU	3			0.806 (15/2)	3
173AU	4			0.888 (13/2)	4
S-2p	0.998	(0.045)	-----		
173AU	5			1.766 (17/2)	5
173AU	6			2.198 (21/2)	6
S-p	-0.986	(0.025)	-----		
S-n	11.585	(0.061)	-----		
S-2p	0.998	(0.045)	-----		
S-2n	21.412	(0.031)	-----		
S-alpha=	-6.836	(0.033)	-----		
S+p	-1.098	(0.030)			
S+n	-9.313	(0.175)			
S+2p	0.000	(0.000)			
S+2n	-20.714	(0.045)			
S+alpha	7.067	(0.031)			
gap p	-2.084	(0.039)			
gap n	2.272	(0.186)			
gap 2p	0.000	(0.000)			
gap 2n	0.698	(0.054)			
gap alpha	0.231	(0.045)			