

$^{170}\text{Au}$        $Z = 79$        $N = 91$       adopted link      ENSDF link

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

BE = 1314.100 (-0.170) MeV

Qbeta+ = 12.518 ( 0.171) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-7.170	(-0.238)			
S-p	= -1.396	(-0.240)			
S-2p	= -0.307	(-0.179)			
170AU	1			0.000 (2-)	1 0.29 MS +5-4
170AU	2			0.285 (9+)	2 0.62 MS +5-4
S-p	= -1.396	(-0.240)			
S-n	= 10.096	(-0.378)			
S-2p	= -0.307	(-0.179)			
S-2n	= 22.516	(-0.377)			
S-alpha=	-7.170	(-0.238)			
S+p	= -0.206	(-0.382)			
S+n	= -11.852	(-0.171)			
S+2p	= 0.000	(-0.000)			
S+2n	= -21.679	(-0.179)			
S+alpha	= 0.000	(-0.000)			
gap p	= -1.602	( 0.451)			
gap n	= -1.756	( 0.415)			
gap 2p	= 0.000	( 0.000)			
gap 2n	= 0.837	( 0.417)			
gap alpha	= 0.000	( 0.000)			