

^{171}Au $Z = 79$ $N = 92$ adopted link ENSDF link

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

BE = 1325.952 (0.021) MeV

Qbeta+ = 9.904 (0.084) MeV

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

S-alpha=	-7.085 (0.028)				
S-p	= -1.448 (0.028)				
171AU	1			0.000 (1/2+)	1 22 US +3-2
S-2p	= 0.047 (0.031)				
171AU	2			0.259 (11/2-)	2 1.04 MS 3
171AU	3			0.870	3
171AU	4			1.804	4
171AU	5			0.000 (1/2+)	5

S-p = -1.448 (0.028)-----

S-n = 11.852 (0.171)-----

S-2p = 0.047 (0.031)-----

S-2n = 21.948 (0.339)-----

S-alpha= -7.085 (0.028)-----

S+p = -0.788 (0.151)

S+n = -9.827 (0.060)

S+2p = 0.000 (0.000)

S+2n = -21.412 (0.031)

S+alpha = 0.000 (0.000)

gap p = -2.236 (0.154)

gap n = 2.025 (0.181)

gap 2p = 0.000 (0.000)

gap 2n = 0.536 (0.340)

gap alpha = 0.000 (0.000)