

¹⁹⁹Fr Z = 87 N = 112 adopted link ENSDF link

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

BE = 1531.357 (0.014) MeV

Qbeta+ = 8.331 (0.016) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-7.817 (0.017)				
S-p	= -0.713 (0.019)				
199FR	1			0.000	1 12 MS +10-4

S-p = -0.713 (0.019)-----

S-n = 10.878 (0.034)-----

S-2p = 1.451 (0.016)-----

S-2n = 19.625 (0.058)-----

S-alpha= -7.817 (0.017)-----

S+p = 0.000 (0.000)

S+n = -8.709 (0.033)

S+2p = 0.000 (0.000)

S+2n = -19.326 (0.016)

S+alpha = 0.000 (0.000)

gap p = 0.000 (0.000)

gap n = 2.168 (0.048)

gap 2p = 0.000 (0.000)

gap 2n = 0.300 (0.060)

gap alpha = 0.000 (0.000)