

^{204}Fr $Z = 87$ $N = 117$ adopted link ENSDF link

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

BE = 1577.877 (0.025) MeV

Qbeta+ = 8.578 (0.026) MeV

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

S-alpha=	-7.170 (0.035)				
204FR	1			0.000 (3+)	1 1.8 S 3
204FR	2			0.041 (7+)	2 1.6 S +5-3
204FR	3			0.316 (10-)	3 0.8 S 2

S-p = 0.498 (0.025)-----
 S-n = 8.340 (0.025)-----
 S-2p = 3.375 (0.037)-----
 S-2n = 18.637 (0.025)-----
 S-alpha= -7.170 (0.035)-----

S+p = -2.093 (0.034)
 S+n = -9.989 (0.026)
 S+2p = -1.701 (0.070)
 S+2n = -17.997 (0.037)
 S+alpha = 7.729 (0.069)

gap p = -1.595 (0.042)
 gap n = -1.648 (0.036)
 gap 2p = 1.675 (0.079)
 gap 2n = 0.640 (0.045)
 gap alpha = 0.558 (0.077)