

^{229}Fr $Z = 87$ $N = 142$ adopted link ENSDF link

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

BE = 1744.599 (0.005) MeV

Qbeta- = 3.106 (0.016) MeV

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

S-alpha=	-2.921 (0.225)				
229FR	1			0.000	1 50.2 S 20

S-p	= 6.864 (0.018)				
S-n	= 5.787 (0.008)				
S-2p	= 16.448 (0.227)				
S-2n	= 10.157 (0.008)				
S-alpha=	-2.921 (0.225)				

S+p	= -8.441 (0.011)				
S+n	= -4.253 (0.008)				
S+2p	= -14.483 (0.014)				
S+2n	= -9.730 (0.009)				
S+alpha	= 3.215 (0.014)				

gap p	= -1.577 (0.022)				
gap n	= 1.534 (0.012)				
gap 2p	= 1.965 (0.227)				
gap 2n	= 0.426 (0.012)				
gap alpha	= 0.294 (0.225)				