

^{228}Rn $Z = 86$ $N = 142$ adopted link ENSDF link

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

BE = 1737.735 (0.018) MeV

Qbeta- = 1.859 (0.019) MeV

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

S-alpha=	-2.817 (0.225)				
228Rn	1 0.000	0+			1 65 S 2

S-p	= 9.584 (0.228)				
S-n	= 5.714 (0.023)				
S-2p	= 16.971 (0.452)				
S-2n	= 9.646 (0.021)				
S-alpha=	-2.817 (0.225)				

S+p	= -6.864 (0.018)				
S+n	= -3.953 (0.022)				
S+2p	= -15.305 (0.020)				
S+2n	= -9.115 (0.231)				
S+alpha	= 2.828 (0.020)				

gap p	= 2.720 (0.228)				
gap n	= 1.761 (0.032)				
gap 2p	= 1.666 (0.453)				
gap 2n	= 0.531 (0.232)				
gap alpha	= 0.012 (0.226)				