

^{229}Np $Z = 93$ $N = 136$ adopted link ENSDF link

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

BE = 1741.772 (0.101) MeV

Qbeta+ = 2.591 (0.101) MeV

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

S-alpha=	-7.020 (0.130)				
229NP	1			0.000	1 4.0 M 2

S-p	= 2.708 (0.102)				
S-n	= 8.060 (0.101)				
S-2p	= 7.607 (0.101)				
S-2n	= 14.920 (0.127)				
S-alpha=	-7.020 (0.130)				

S+p	= -4.158 (0.102)				
S+n	= -6.636 (0.115)				
S+2p	= -5.974 (0.252)				
S+2n	= -14.320 (0.113)				
S+alpha	= 6.957 (0.101)				

gap p	= -1.450 (0.144)				
gap n	= 1.424 (0.153)				
gap 2p	= 1.633 (0.272)				
gap 2n	= 0.600 (0.170)				
gap alpha	= -0.063 (0.165)				