

^{36}Ca $Z = 20$ $N = 16$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 281.372 (0.040) MeV

Qbeta+ = 10.966 (0.040) MeV

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

^{36}Ca 1	0.000	0+			1 101.2 MS 20
S-p =	2.567 (0.040)				-----
S-2p =	2.651 (0.040)				-----
^{36}Ca 2				3.045 (2+)	2
S-p =	2.567 (0.040)				-----
S-n =	0.000 (0.000)				-----
S-2p =	2.651 (0.040)				-----
S-2n =	0.000 (0.000)				-----
S-alpha=	6.676 (0.040)				-----
S+p =	0.000 (0.000)				
S+n =	-14.756 (0.040)				
S+2p =	0.000 (0.000)				
S+2n =	-31.750 (0.040)				
S+alpha =	-4.824 (0.165)				
gap p =	0.000 (0.000)				
gap n =	0.000 (0.000)				
gap 2p =	0.000 (0.000)				
gap 2n =	0.000 (0.000)				
gap alpha =	1.852 (0.170)				