

^{36}Ca $Z = 20$ $N = 16$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 281.372 (0.040) MeV

Qbeta+ = 10.966 (0.040) MeV

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

36CA 1	0.000	0+			1 101.2 MS 20
S-p =	2.567 (0.040)				
S-2p =	2.651 (0.040)				
36CA 2	3.045	(2+)			2
S-p =	2.567 (0.040)				
S-n =	19.712 (0.214)				
S-2p =	2.651 (0.040)				
S-2n =	37.490 (0.309)				
S-alpha=	6.676 (0.040)				
S+p =	2.947 (0.299)				
S+n =	-14.756 (0.040)				
S+2p =	3.250 (0.307)				
S+2n =	-31.750 (0.040)				
S+alpha =	-4.967 (0.079)				
gap p =	5.514 (0.301)				
gap n =	4.955 (0.217)				
gap 2p =	5.900 (0.309)				
gap 2n =	5.740 (0.311)				
gap alpha =	1.709 (0.089)				