

$^{34}\text{Ca}$        $Z = 20$        $N = 14$       adopted link      ENSDF link

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

BE      =      243.882 (-0.306) MeV  
 Qbeta+ =      16.116 ( 0.368) MeV

	Energy T	J+	J-	J-other	T1/2
S-p	= -0.054 (-0.364)				
S-2p	= -2.518 (-0.306)				
$^{34}\text{Ca}$	1   0.000	0+			1 35 NS LT

S-p      =      -0.054 (-0.364)-----  
 S-n      =      24.201 (-0.500)-----  
 S-2p     =      -2.518 (-0.306)-----  
 S-2n     =      0.000 (-0.000)-----  
 S-alpha=    9.606 (-0.355)-----

S+p      =      4.902 (-0.492)  
 S+n      =     -17.778 (-0.371)  
 S+2p     =      0.000 (-0.000)  
 S+2n     =     -37.490 (-0.309)  
 S+alpha   =     -5.944 (-0.431)

gap p     =      4.848 ( 0.612)  
 gap n     =      6.423 ( 0.623)  
 gap 2p    =      0.000 ( 0.000)  
 gap 2n    =      0.000 ( 0.000)  
 gap alpha =      3.662 ( 0.559)