

$^{113}\text{Nb}$        $Z = 41$        $N = 72$       adopted link      ENSDF link

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

BE = 920.159 (-0.452) MeV

Qbeta- = 12.421 ( 0.565) MeV

|       | Energy T | J+ | J- | J-other | T1/2      |
|-------|----------|----|----|---------|-----------|
| 113NB | 1        |    |    | 0.000   | 1 32 MS 4 |

S-p = 15.087 (-0.810)-----  
 S-n = 4.223 (-0.563)-----  
 S-2p = 0.000 (-0.000)-----  
 S-2n = 7.406 (-0.561)-----  
 S-alpha= 10.162 (-0.795)-----

S+p = -16.807 (-0.567)  
 S+n = -2.899 (-0.642)  
 S+2p = -30.201 (-0.507)  
 S+2n = -6.856 (-0.645)  
 S+alpha = -10.360 (-0.572)

gap p = -1.720 ( 0.989)  
 gap n = 1.324 ( 0.854)  
 gap 2p = 0.000 ( 0.000)  
 gap 2n = 0.550 ( 0.855)  
 gap alpha = -0.198 ( 0.980)