

$^{107}\text{Zr}$        $Z = 40$        $N = 67$       adopted link      ENSDF link

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

BE = 886.388 (-0.321) MeV

Qbeta- = 9.673 ( 0.321) MeV

	Energy T	J+	J-	J-other	T1/2
107ZR	1			0.000	1 146 MS 4

S-p = 15.598 (-0.620)-----  
 S-n = 3.408 (-0.385)-----  
 S-2p = 30.428 (-0.615)-----  
 S-2n = 8.735 (-0.321)-----  
 S-alpha= 9.166 (-0.381)-----

S+p = -12.783 (-0.321)  
 S+n = -4.936 (-0.538)  
 S+2p = -27.186 (-0.321)  
 S+2n = -7.848 (-0.633)  
 S+alpha = -8.314 (-0.321)

gap p = 2.815 ( 0.698)  
 gap n = -1.528 ( 0.662)  
 gap 2p = 3.242 ( 0.694)  
 gap 2n = 0.887 ( 0.709)  
 gap alpha = 0.852 ( 0.499)