

^{106}Zr $Z = 40$ $N = 66$ adopted link ENSDF link

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

BE = 882.980 (-0.212) MeV

Qbeta- = 7.488 (0.212) MeV

	Energy T	J+	J-	J-other	T1/2
106ZR	1 0.000	0+			1 180 MS 9
106ZR	2			0.152 (2+)	2
106ZR	3			0.477 (4+)	3
106ZR	4			0.607 (2+)	4
106ZR	5			0.947 (6+)	5
106ZR	6			1.571 (8+)	6

S-p = 15.470 (-0.470)-----
 S-n = 5.327 (-0.212)-----
 S-2p = 29.556 (-0.377)-----
 S-2n = 9.139 (-0.212)-----
 S-alpha= 8.980 (-0.222)-----

S+p = -12.299 (-0.212)
 S+n = -3.408 (-0.385)
 S+2p = -26.613 (-0.212)
 S+2n = -8.344 (-0.481)
 S+alpha = -8.247 (-0.213)

gap p = 3.171 (0.516)
 gap n = 1.919 (0.439)
 gap 2p = 2.943 (0.433)
 gap 2n = 0.795 (0.526)
 gap alpha = 0.733 (0.308)