

$^{179}\text{Yb}$        $Z = 70$        $N = 109$       adopted link      ENSDF link

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

BE = 1436.654 (-0.179) MeV

Qbeta- = 2.406 ( 0.179) MeV

	Energy T	J+	J-	J-other	T1/2
179YB	1			0.000 (1/2-)	1 8.0 M 4

S-p = 9.628 (-0.398)-----  
 S-n = 5.047 (-0.179)-----  
 S-2p = 18.353 (-0.560)-----  
 S-2n = 11.809 (-0.179)-----  
 S-alpha= 0.483 (-0.393)-----

S+p = -7.313 (-0.192)  
 S+n = -6.226 (-0.402)  
 S+2p = -15.328 (-0.179)  
 S+2n = -10.622 (-0.404)  
 S+alpha = 0.944 (-0.182)

gap p = 2.315 ( 0.443)  
 gap n = -1.179 ( 0.440)  
 gap 2p = 3.025 ( 0.588)  
 gap 2n = 1.187 ( 0.442)  
 gap alpha = 1.427 ( 0.433)