

$^{73}\text{Rb}$        $Z = 37$        $N = 36$       adopted link      ENSDF link

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

BE = 606.271 ( 0.041) MeV

Qbeta+ = 10.540 ( 0.041) MeV

	Energy T	J+	J-	J-other	T1/2
S-p =	-0.640 ( 0.042)				
73RB 1				0.000 (3/2-)	1 81 NS LT
S-alpha=	2.177 ( 0.059)				
73RB 2				3.230 3/2 (1/2-)	2

S-p = -0.640 ( 0.042)-----  
 S-n = 15.727 ( 0.506)-----  
 S-2p = 4.087 ( 0.041)-----  
 S-2n = 29.893 ( 0.428)-----  
 S-alpha= 2.177 ( 0.059)-----

S+p = -2.083 ( 0.084)  
 S+n = -13.976 ( 0.041)  
 S+2p = -0.404 ( 0.303)  
 S+2n = -27.350 ( 0.041)  
 S+alpha = -2.839 ( 0.235)

gap p = -2.723 ( 0.094)  
 gap n = 1.751 ( 0.507)  
 gap 2p = 3.683 ( 0.306)  
 gap 2n = 2.543 ( 0.430)  
 gap alpha = -0.662 ( 0.242)