

^{42}Cr $Z = 24$ $N = 18$ adopted link ENSDF link

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

BE = 313.152 (-0.294) MeV

Qbeta+ = 14.674 (0.361) MeV

	Energy T	J+	J-	J-other	T1/2

S-2p	= -1.483 (-0.302)				
42CR	1 0.000	0+			1 13.3 MS 10

S-p	= 0.527 (-0.358)				
S-n	= 21.396 (-0.505)				
S-2p	= -1.483 (-0.302)				
S-2n	= 0.000 (-0.000)				
S-alpha	= 6.734 (-0.423)				

S+p	= 2.993 (-0.486)				
S+n	= -17.088 (-0.364)				
S+2p	= 0.000 (-0.000)				
S+2n	= -36.632 (-0.298)				
S+alpha	= -8.290 (-0.436)				

gap p	= 3.520 (0.604)				
gap n	= 4.308 (0.622)				
gap 2p	= 0.000 (0.000)				
gap 2n	= 0.000 (0.000)				
gap alpha	= -1.556 (0.607)				