

^{46}Cr $Z = 24$ $N = 22$ adopted link ENSDF link

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

BE = 381.976 (0.011) MeV

Qbeta+ = 7.604 (0.011) MeV

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

46CR	1 0.000	0+			1 0.26 S 6
46CR	2 0.892	2+			2 5.4 PS 12
46CR	3			1.987 (4+)	3
46CR	4			3.197 (3-)	4
46CR	5			3.227 (6+)	5
46CR	6			3.296	6
46CR	7			3.494	7
46CR	8			3.594 (4-)	8
46CR	9			3.682	9
46CR	10			3.716	10

46CR	11			3.778	11
46CR	12			3.987 (5-)	12
46CR	13			4.235	13
46CR	14			4.306	14
46CR	15			4.434	15
46CR	16			4.817 (8+)	16
46CR	17			4.830 (6-)	17

S-p	= 4.874 (0.011)				
46CR	18			5.117	18
46CR	19			5.346 (7-)	19
46CR	20			6.180 (10+)	20

S-alpha=	6.792 (0.011)				

S-2p	= 6.501 (0.011)				
46CR	21			8.163 (12+)	21
46CR	22			9.152 2 (4+)	22

S-p	= 4.874 (0.011)				
S-n	= 18.028 (0.037)				
S-2p	= 6.501 (0.011)				
S-2n	= 32.192 (0.052)				
S-alpha=	6.792 (0.011)				

S+p	= -0.384 (0.034)				
S+n	= -13.163 (0.013)				
S+2p	= -3.115 (0.093)				
S+2n	= -29.492 (0.014)				
S+alpha	= -7.430 (0.014)				

gap p = 4.490 (0.036)
gap n = 4.865 (0.039)
gap 2p = 3.386 (0.094)
gap 2n = 2.700 (0.054)
gap alpha = -0.638 (0.018)