

^{47}Cr $Z = 24$ $N = 23$ adopted link ENSDF link

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

BE = 395.139 (0.005) MeV

Qbeta+ = 7.444 (0.005) MeV

	Energy T	J+	J-	J-other	T1/2
47CR 1			0.000	3/2-	1 500 MS 15
47CR 2				0.099 (5/2-)	2 2.1 NS LE
47CR 3				0.174 (7/2-)	3 2.1 NS LE
47CR 4				0.472 (3/2+)	4
47CR 5				0.870 (5/2+)	5
47CR 6				1.332 (11/2-)	6
47CR 7				1.345 (7/2+)	7
47CR 8				1.451	8
47CR 9				1.541	9
47CR 10				1.831 (1/2+)	10
47CR 11				1.956 (9/2+)	11
47CR 12				2.131	12
47CR 13				2.406	13
47CR 14				2.557	14
47CR 15				2.618 (11/2+)	15
47CR 16				2.654 (15/2-)	16 0.583 PS 83
47CR 17				2.848	17
47CR 18				3.430	18
47CR 19				3.470 (13/2+)	19
47CR 20				3.504	20
47CR 21				3.747	21
47CR 22				3.766 (17/2-)	22
47CR 23				4.139 (19/2-)	23 0.305 PS 42
47CR 24				4.169	24
47CR 25				4.215 (15/2+)	25
47CR 26				4.295	26
S-p =	4.776 (0.005)				
47CR 27				5.375	27
47CR 28				5.409	28
47CR 29				5.905 (23/2-)	29 0.444 PS LT
47CR 30				7.379 (25/2-)	30
S-alpha=	7.672 (0.008)				
47CR 31				7.911 (27/2-)	31

S-p = 4.776 (0.005)

S-n = 13.163 (0.013)

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S-2p = 10.131 ( 0.005)-----  
S-2n = 31.191 ( 0.036)-----  
S-alpha= 7.672 ( 0.008)-----  
  
S+p = -2.023 ( 0.008)  
S+n = -16.330 ( 0.009)  
S+2p = -4.766 ( 0.025)  
S+2n = -26.912 ( 0.006)  
S+alpha = -8.051 ( 0.005)  
  
gap p = 2.754 ( 0.010)  
gap n = -3.167 ( 0.015)  
gap 2p = 5.365 ( 0.025)  
gap 2n = 4.279 ( 0.036)  
gap alpha = -0.379 ( 0.009)
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