

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

Based on ensdf_240402 (Apr 2024), 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
47CR 32			10.022	(31/2-)	32

S-p = 4.776 (0.005) -----
S-n = 13.163 (0.013) -----
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)