

^{66}Cr $Z = 24$ $N = 42$ adopted link ENSDF link

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

BE = 539.088 (-0.330) MeV

Qbeta- = 11.593 (0.330) MeV

	Energy T	J+	J-	J-other	T1/2
66CR 1	0.000	0+			1 24 MS 2
66CR 2				0.386 (2+)	2
66CR 3				1.069 (4+)	3

S-p = 20.323 (-0.616)-----
 S-n = 4.918 (-0.383)-----
 S-2p = 38.224 (-0.664)-----
 S-2n = 7.660 (-0.446)-----
 S-alpha= 15.412 (-0.497)-----

S+p = -15.739 (-0.386)
 S+n = -2.205 (-0.520)
 S+2p = -33.336 (-0.388)
 S+2n = -6.680 (-0.579)
 S+alpha = -14.176 (-0.433)

gap p = 4.584 (0.727)
 gap n = 2.713 (0.646)
 gap 2p = 4.888 (0.769)
 gap 2n = 0.980 (0.731)
 gap alpha = 1.236 (0.659)