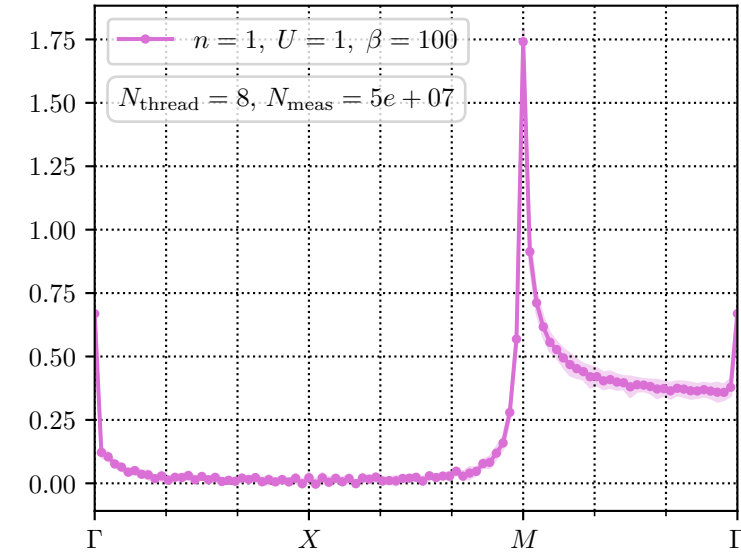
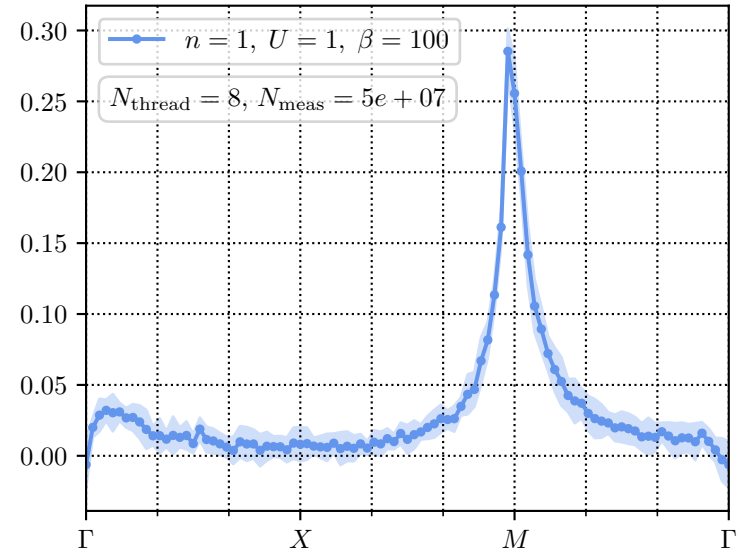


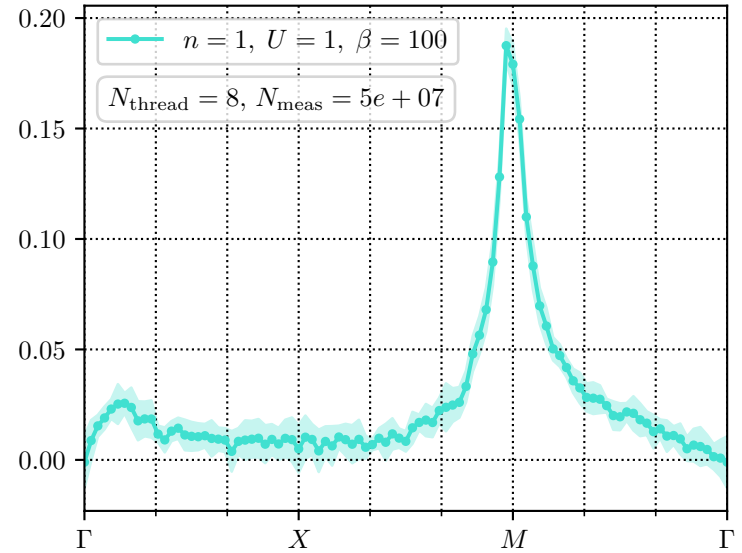
$$\chi_{\text{ch}}^{(2)}[G_H, U](\mathbf{q}, iq_0)$$



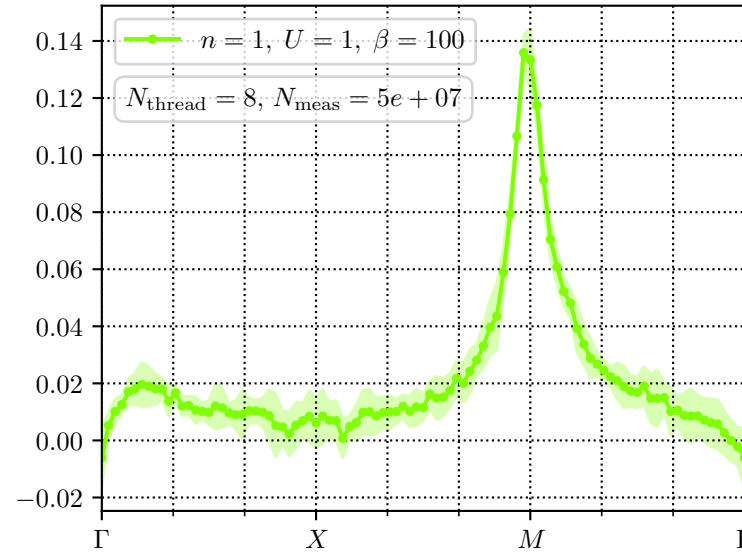
$$\chi_{\text{ch}}^{(2)}[G_H, U](\mathbf{q}, iq_1)$$



$$\chi_{\text{ch}}^{(2)}[G_H, U](\mathbf{q}, iq_2)$$



$$\chi_{\text{ch}}^{(2)}[G_H, U](\mathbf{q}, iq_3)$$



$$\chi_{\text{ch}}^{(2)}[G_H, U](\mathbf{q}, iq_4)$$

