Pion mass with σ_3

March 17, 2022

$\mathbf{1} \quad \beta = 3$

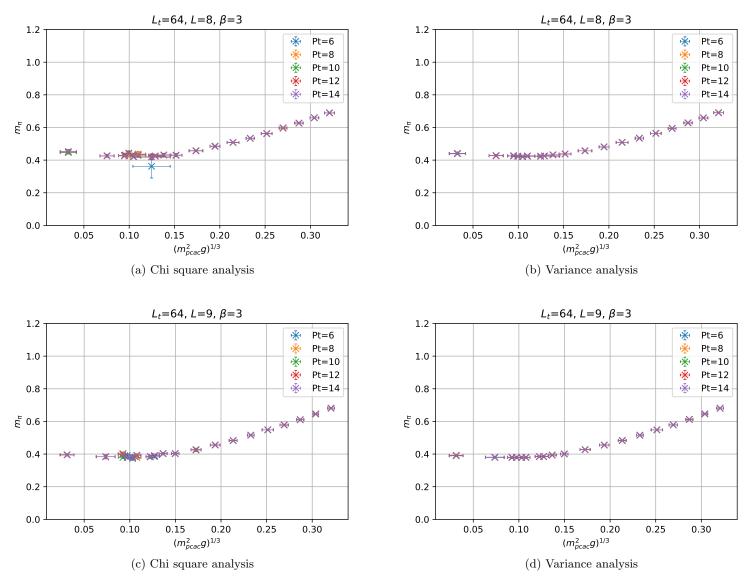
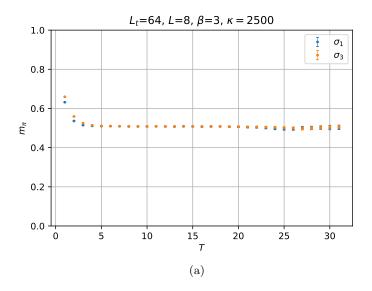
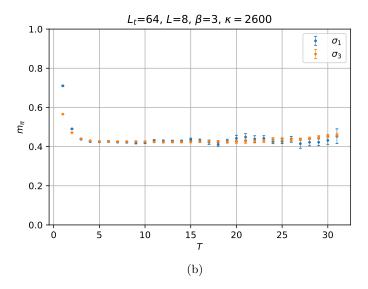


Figure 1: m_{π} vs. $(m_{\rm pcac}^2 g)^{1/3}$ for $\beta = 3$ and two different lattices. The pion mass was measured using σ_3 .





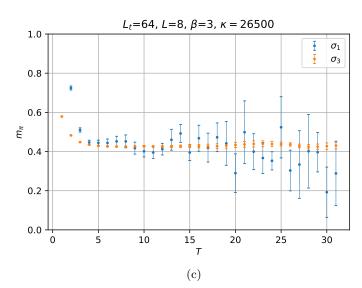


Figure 2: m_{π} vs. T, where T is the time distance between the lattice sites. $\kappa_c \approx 0.267$.

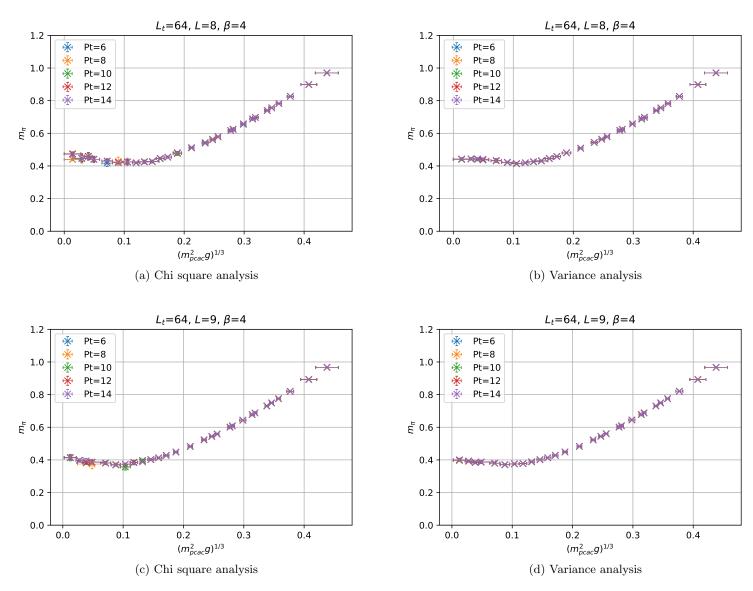
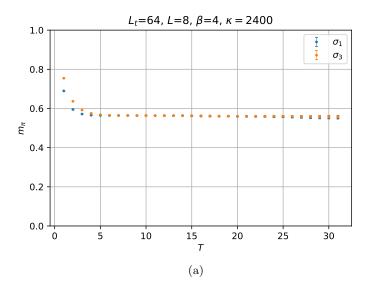
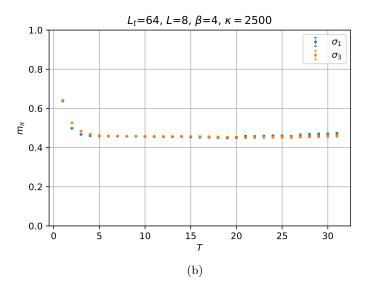


Figure 3: m_{π} vs. $(m_{\rm pcac}^2 g)^{1/3}$ for $\beta = 4$ and two different lattices. The pion mass was measured using σ_3 .





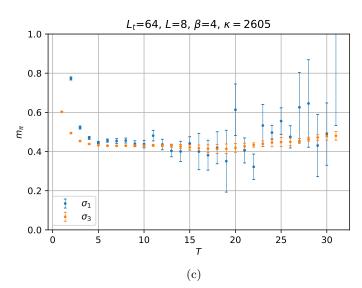


Figure 4: m_{π} vs. T, where T is the time distance between the lattice sites. $\kappa_c \approx 0.265$.

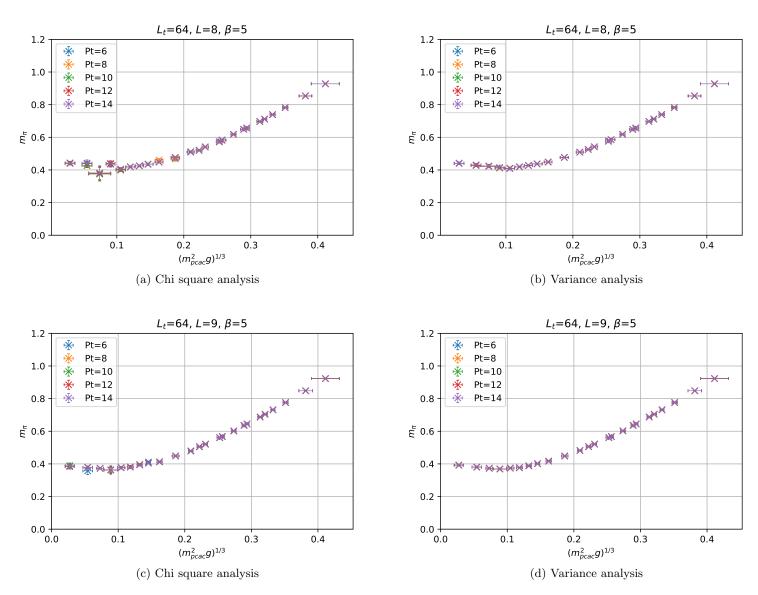
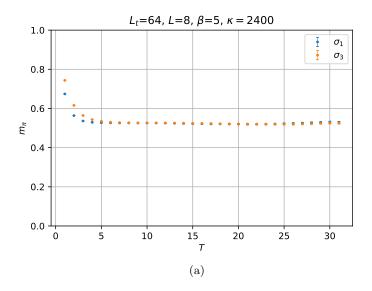
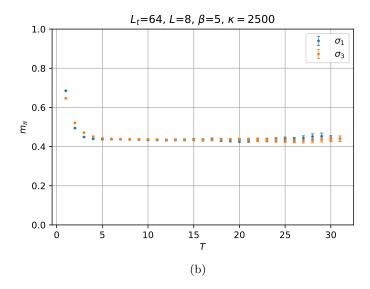


Figure 5: m_{π} vs. $(m_{\rm pcac}^2 g)^{1/3}$ for $\beta = 5$ and two different lattices. The pion mass was measured using σ_3 .





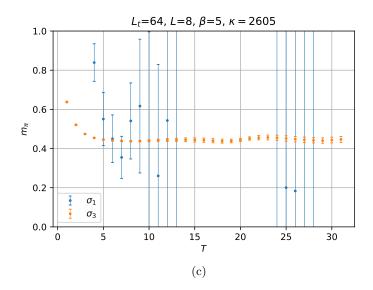


Figure 6: m_{π} vs. T, where T is the time distance between the lattice sites. $\kappa_c \approx 0.262$.