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High precision results

The following results were obtained through several simulations on lattices of size 64×10 and 64×12 with the parameters shown in Table 1

Ntime	64
Ntherm	1000
Nmeasure	10000
Trajectory Steps	10
Nsteps	120
β	4

Table 1: All the simulations were performed with this parameters.

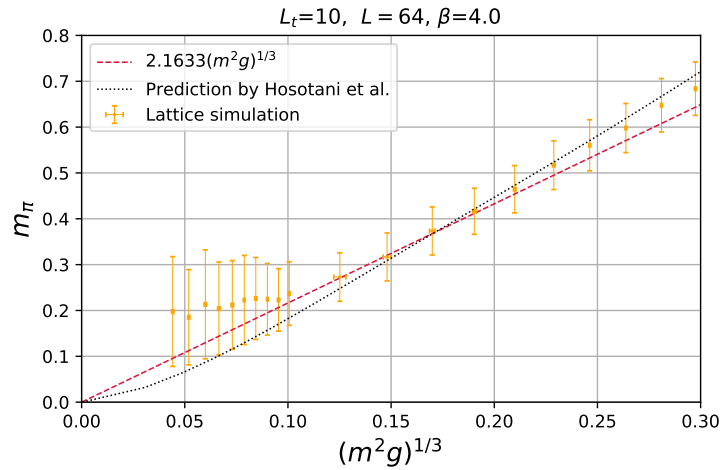
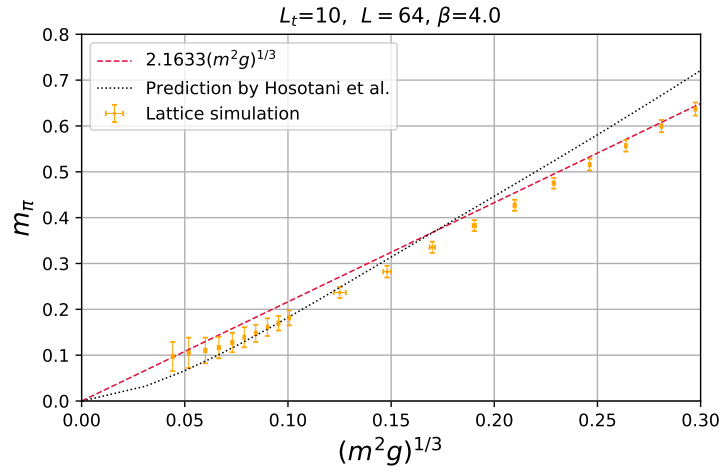
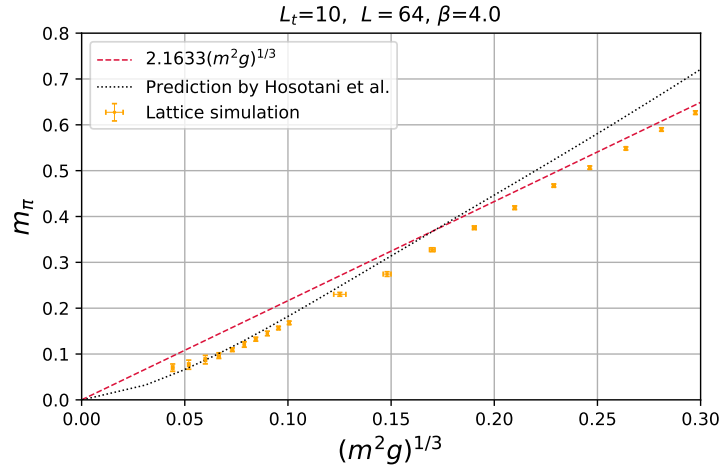
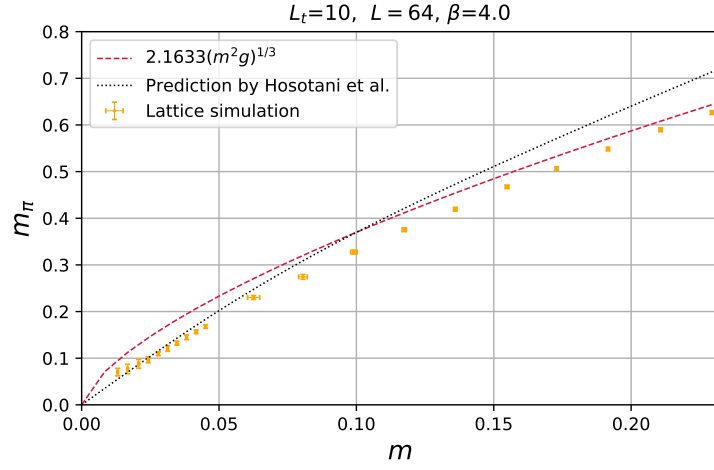
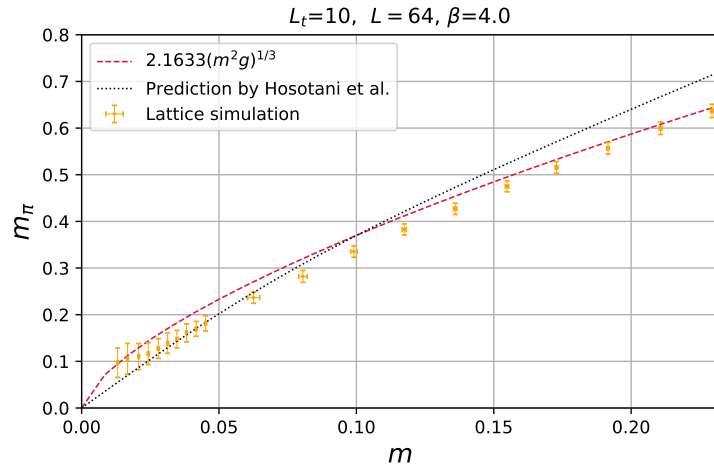


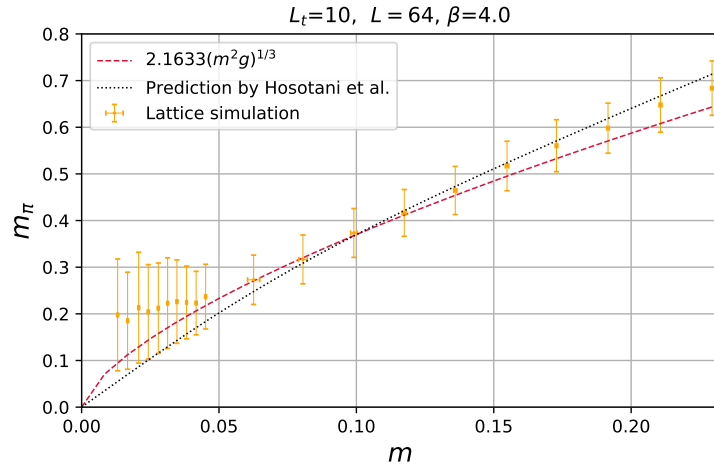
Figure 1: Comparison of $(m^2 g)^{1/3}$ vs. m_π for different number of points used to fit the mass plateau of the pion.



(a) Number of points used to fit the plateau: 2

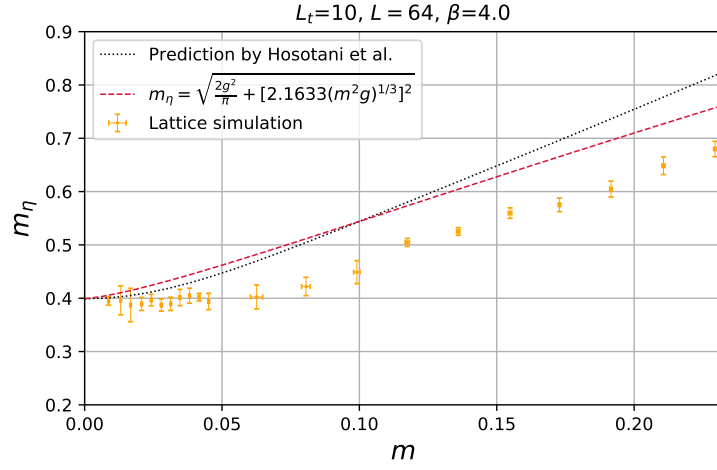


(b) Number of points used to fit the plateau: 3

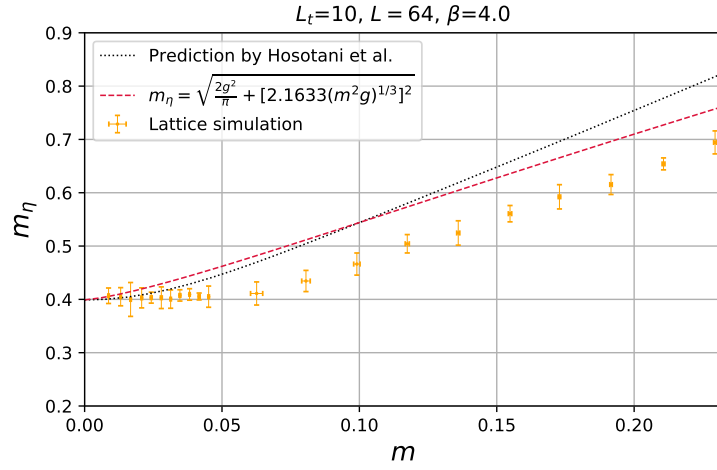


(c) Number of points used to fit the plateau: 3

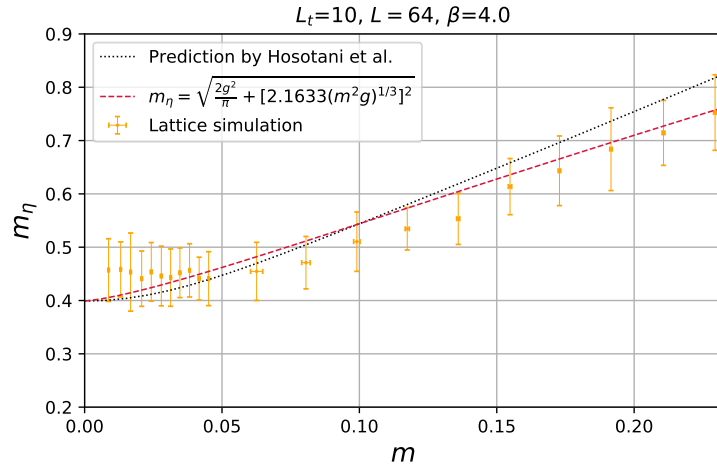
Figure 2: Comparison of m vs. m_π for different number of points used to fit the mass plateau of the pion.



(a) Number of points used to fit the plateau: 2



(b) Number of points used to fit the plateau: 3



(c) Number of points used to fit the plateau: 3

Figure 3: Comparison of m vs. m_η for different number of points used to fit the mass plateau of the pion.

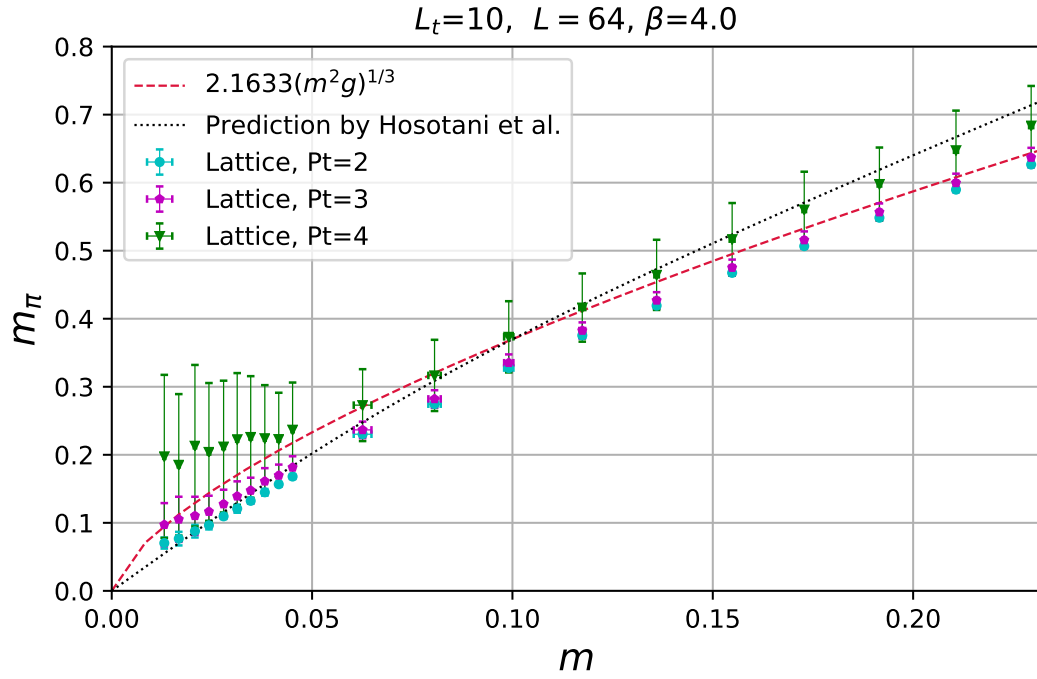
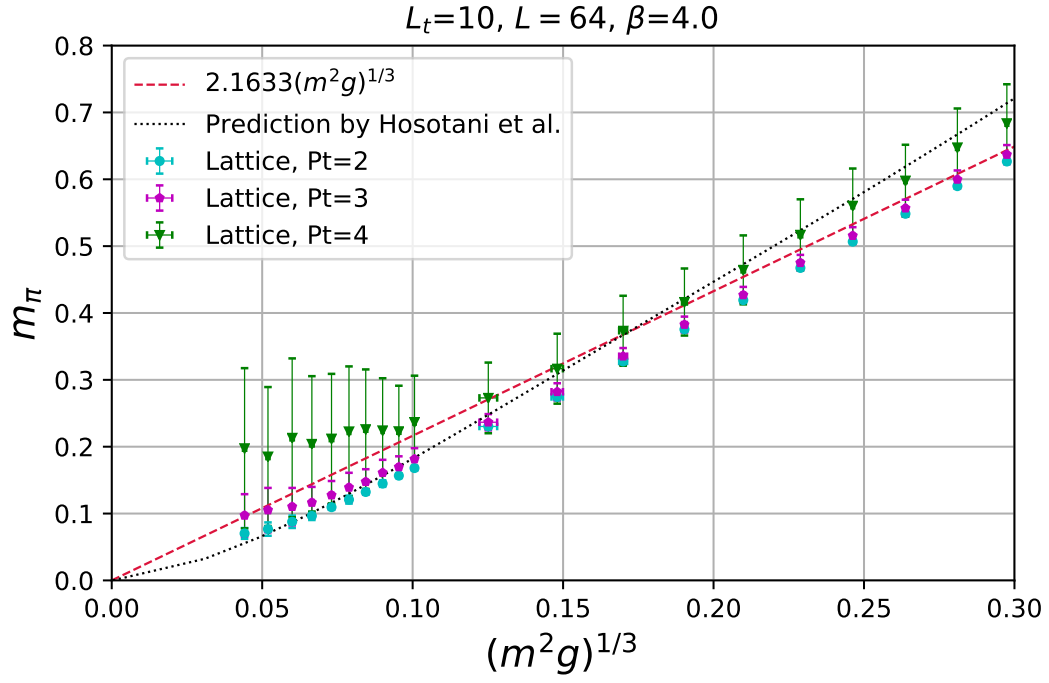


Figure 4: All the results in one plot.

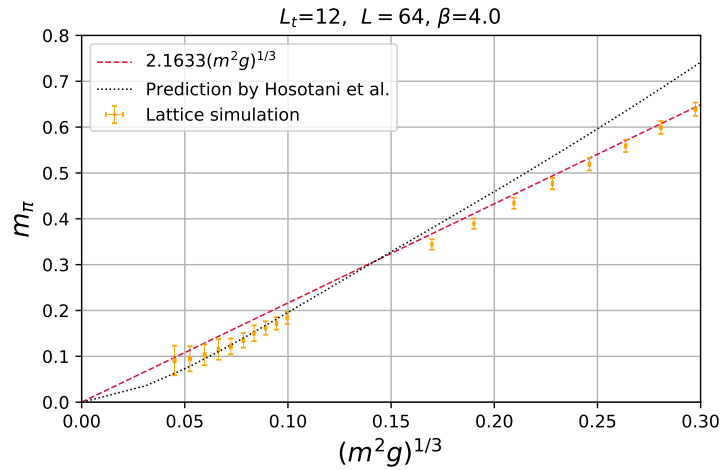
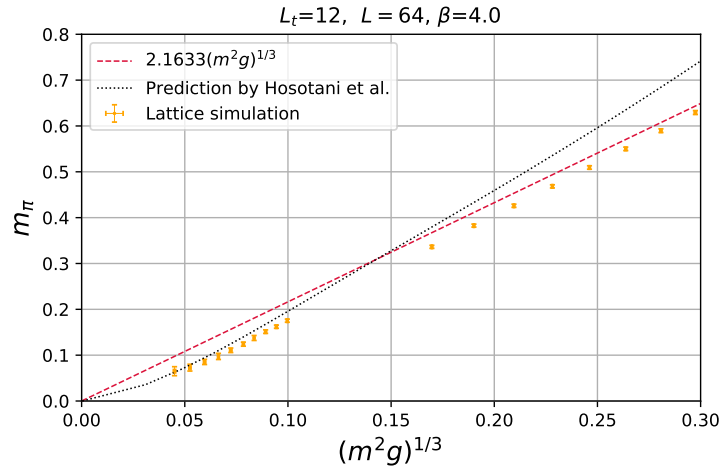
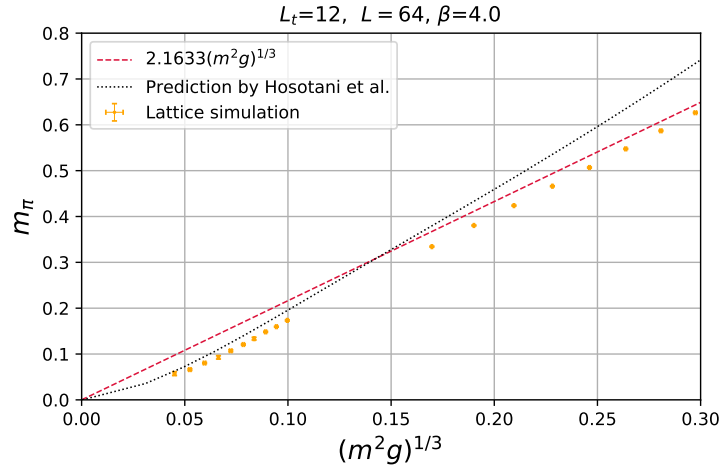
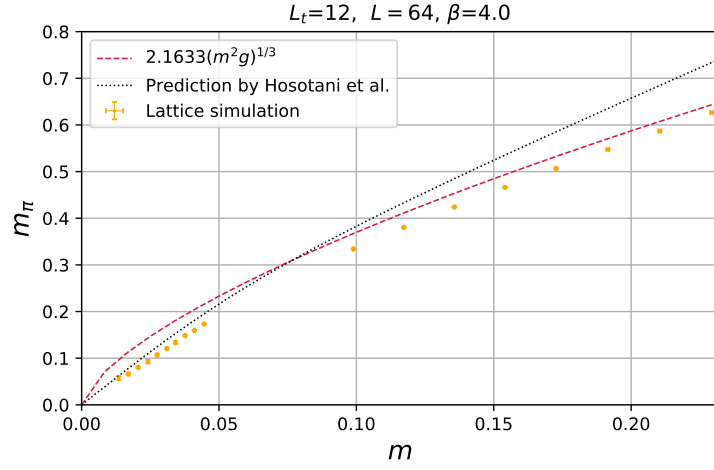
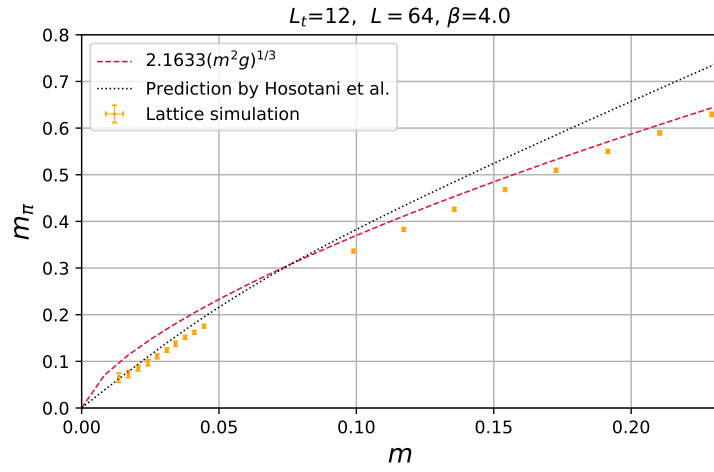


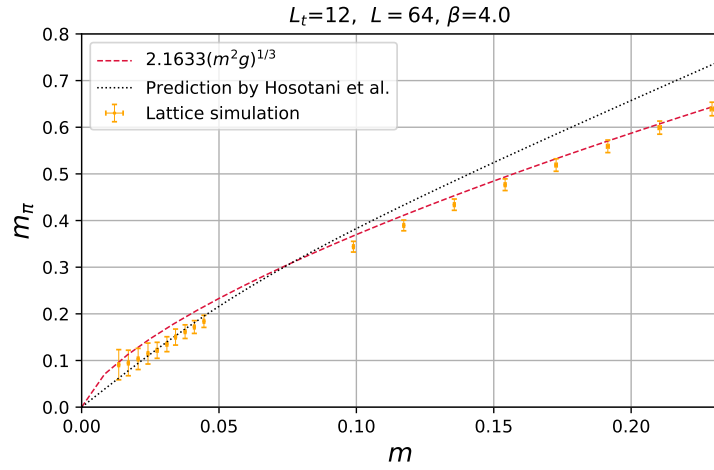
Figure 5: Comparison of $(m^2 g)^{1/3}$ vs. m_π for different number of points used to fit the mass plateau of the pion.



(a) Number of points used to fit the plateau: 2

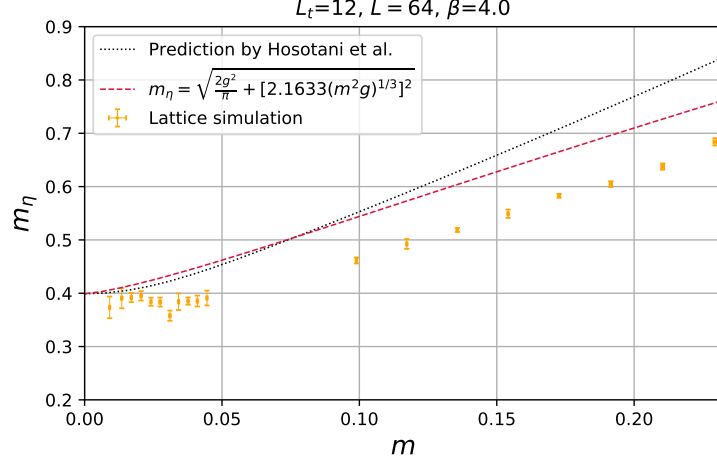


(b) Number of points used to fit the plateau: 3

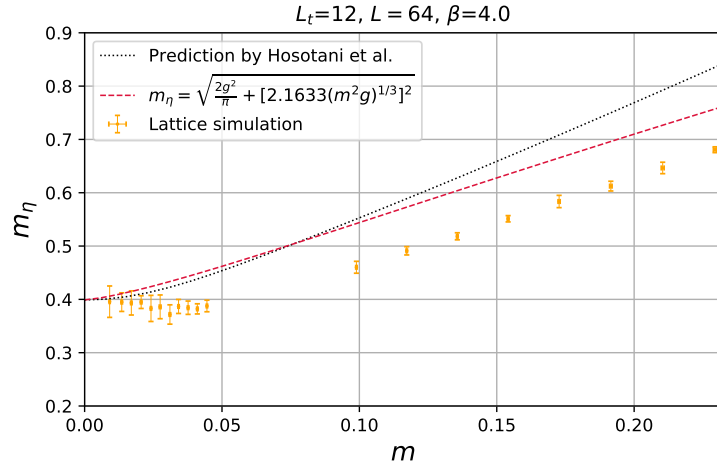


(c) Number of points used to fit the plateau: 3

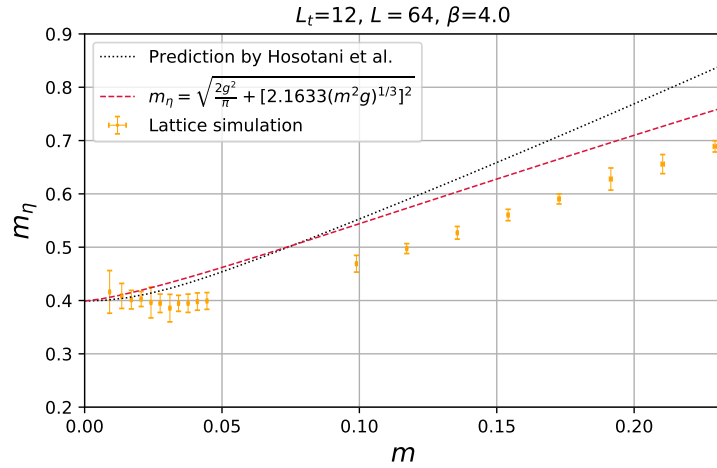
Figure 6: Comparison of m vs. m_π for different number of points used to fit the mass plateau of the pion.



(a) Number of points used to fit the plateau: 2



(b) Number of points used to fit the plateau: 3



(c) Number of points used to fit the plateau: 3

Figure 7: Comparison of m vs. m_η for different number of points used to fit the mass plateau of the pion.

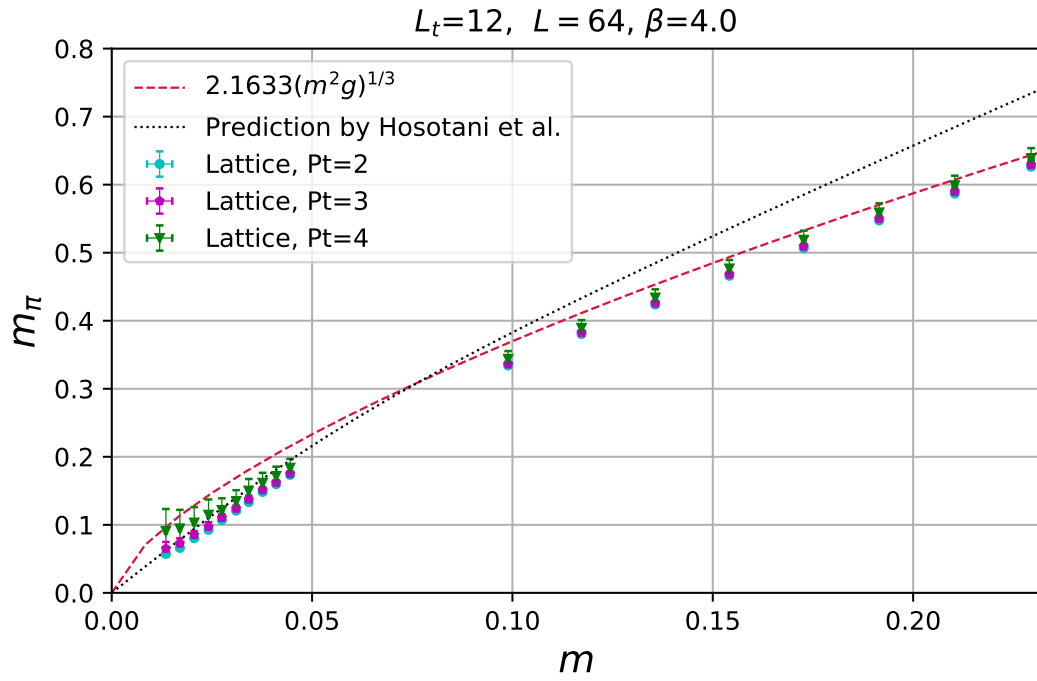
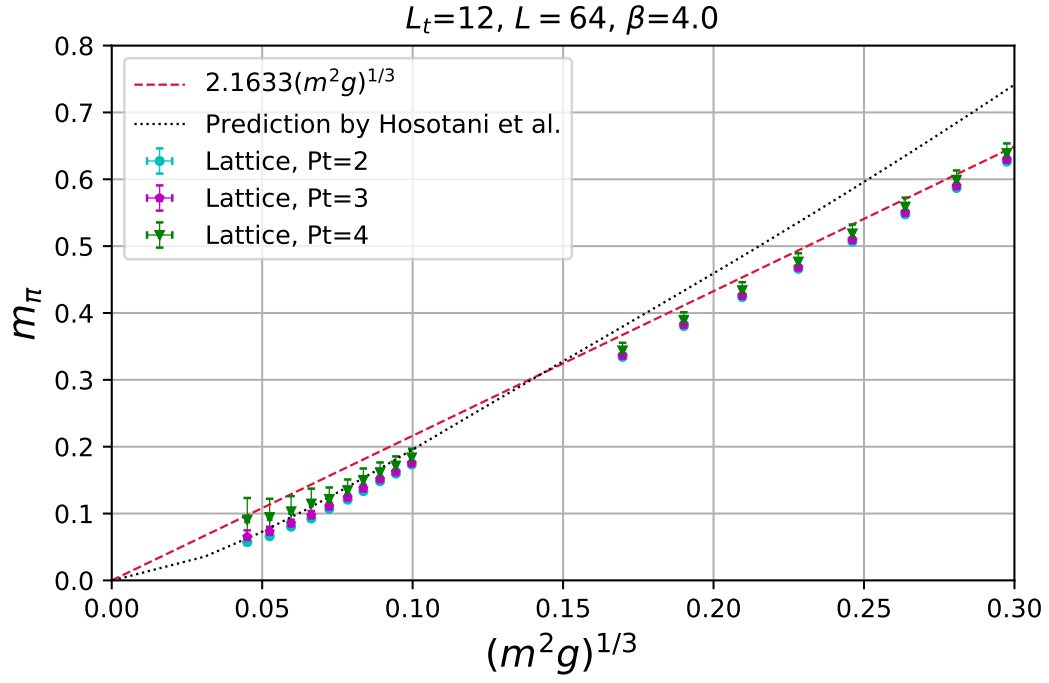


Figure 8: All the results in one plot.