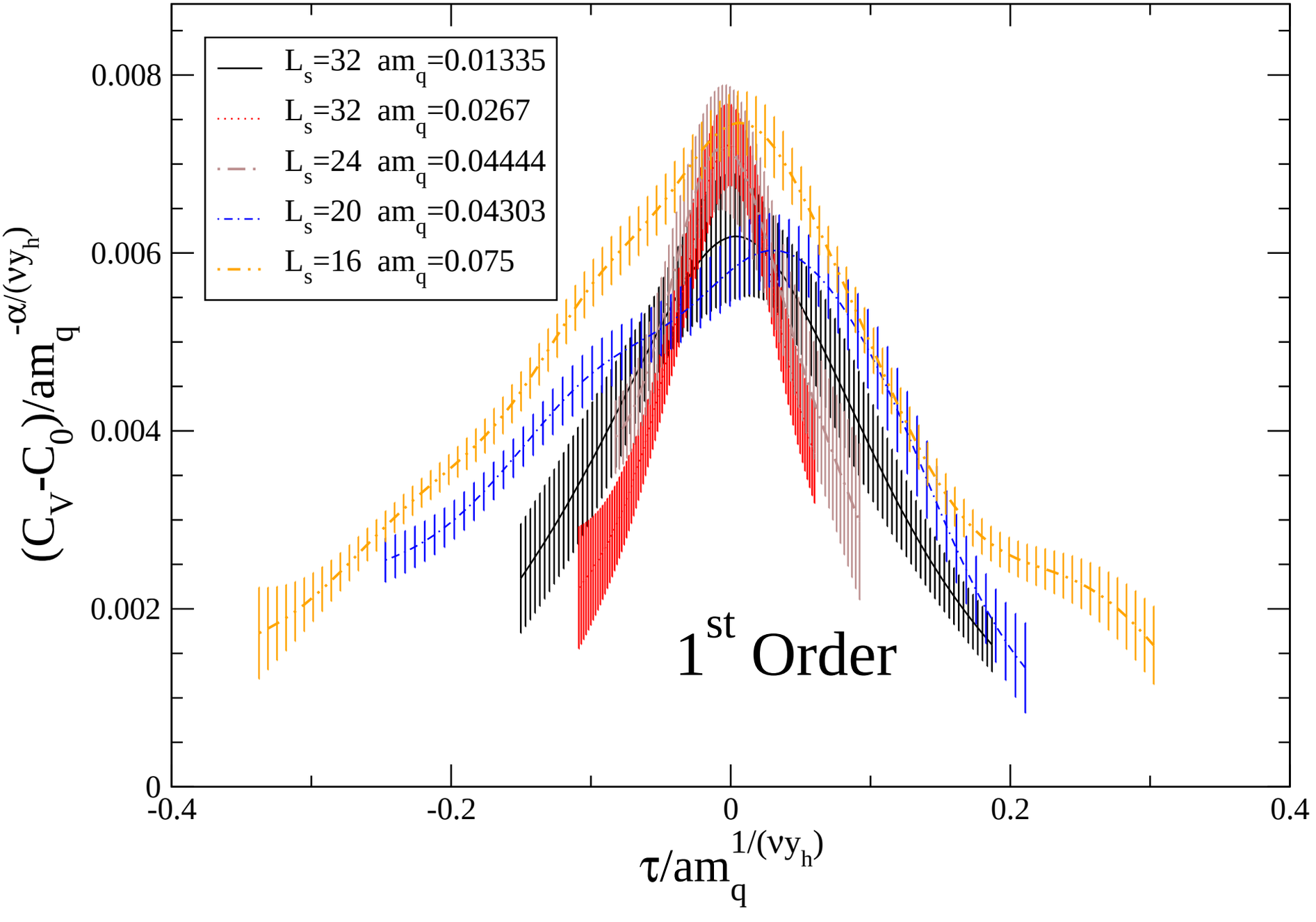
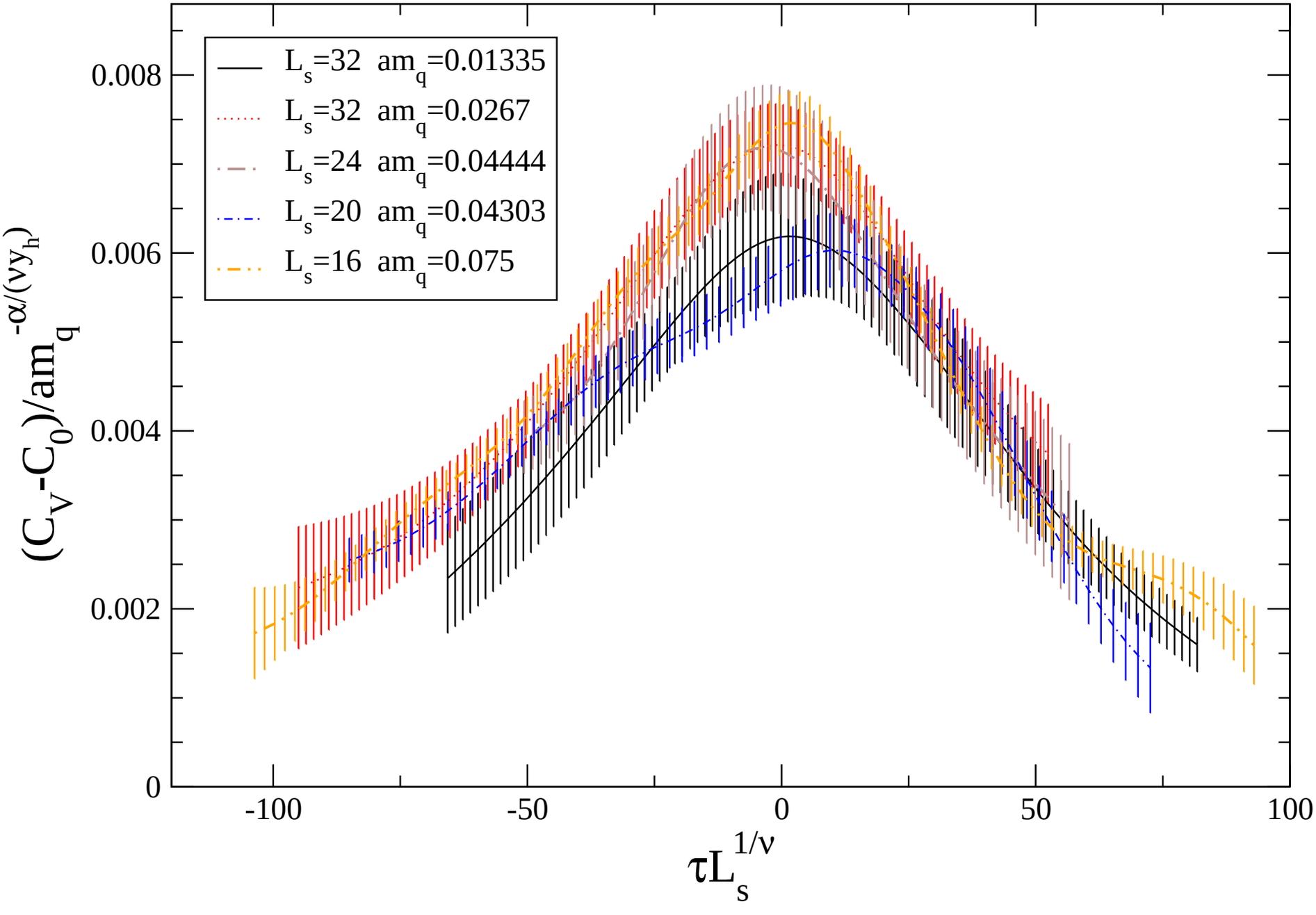
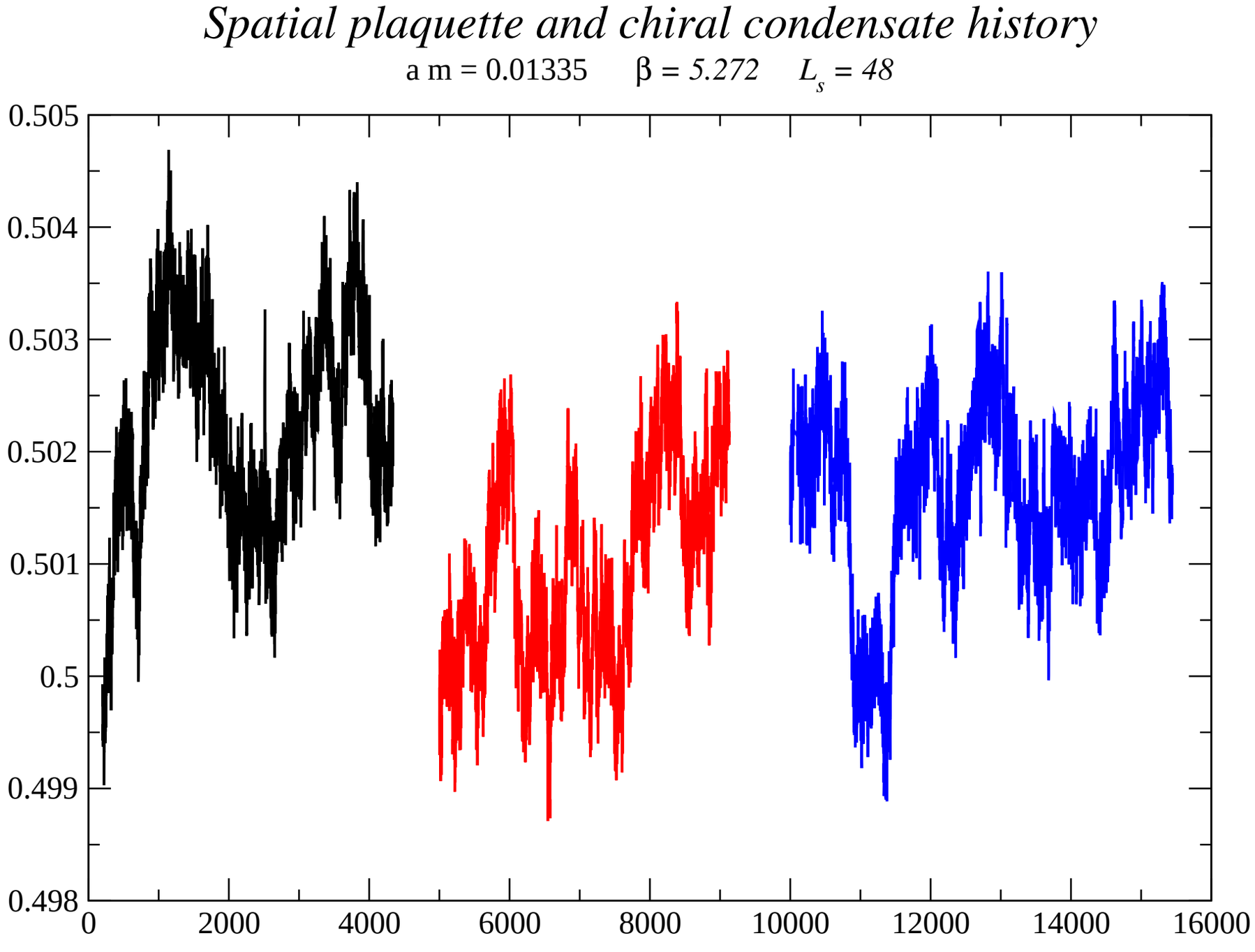
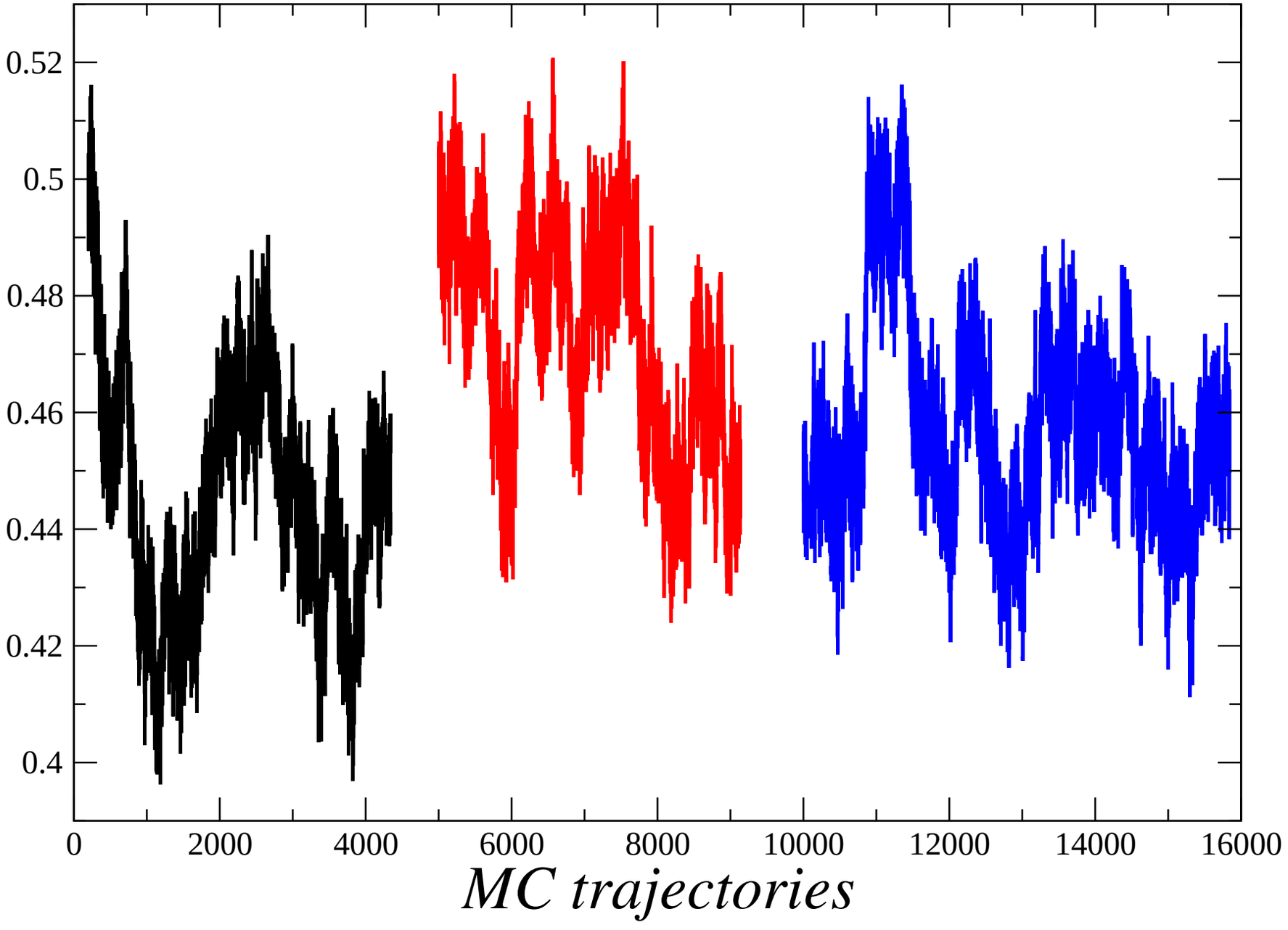
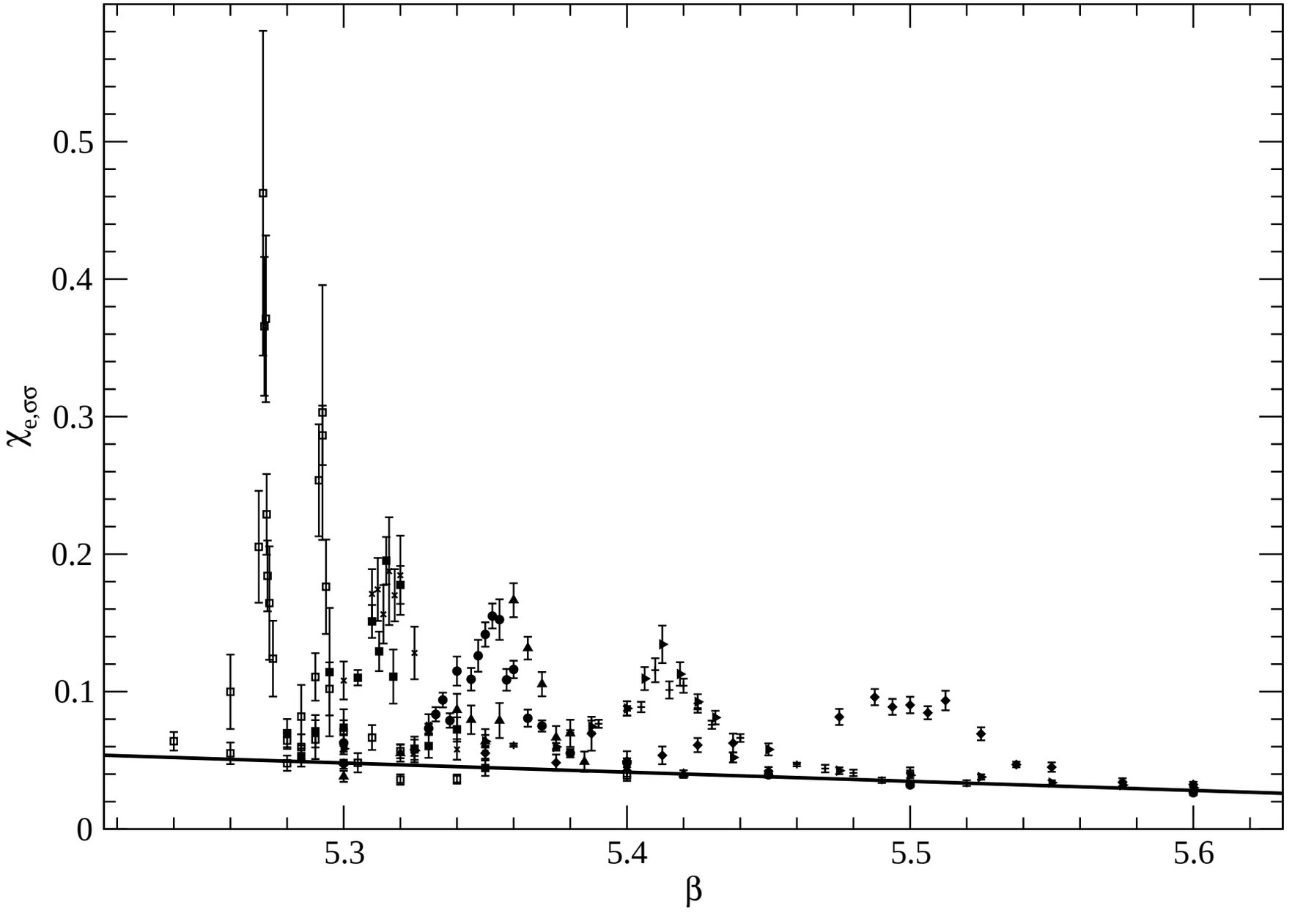
fig


L_s=32 am_q=0.01335
L_s=32 am_q=0.0267
L_s=24 am_q=0.04444
L_s=20 am_q=0.04303
L_s=16 am_q=0.075
1st Order
(C_V-C_0)/am_q^{-α/(νy_h)}
τ/am_q^{1/(νy_h)}
0.008
0.006
0.004
0.002
0
-0.4
-0.2
0
0.2
0.4


L_s=32 am_q=0.01335
L_s=32 am_q=0.0267
L_s=24 am_q=0.04444
L_s=20 am_q=0.04303
L_s=16 am_q=0.075
$(C_V-C_0)/am_q^{-\alpha/(\nu y_h)}$
$\tau L_s^{1/\nu}$
0
0.002
0.004
0.006
0.008
-100
-50
0
50
100


Spatial plaquette and chiral condensate history
a m = 0.01335 β = 5.272 L_s = 48
0.505
0.504
0.503
0.502
0.501
0.5
0.499
0.498
0
2000
4000
6000
8000
10000
12000
14000
16000


0.52
0.5
0.48
0.46
0.44
0.42
0.4
0
2000
4000
6000
8000
10000
12000
14000
16000
MC trajectories


0.5
0.4
0.3
0.2
0.1
0
$\chi_{e,\sigma\sigma}$
5.3
5.4
5.5
5.6
β