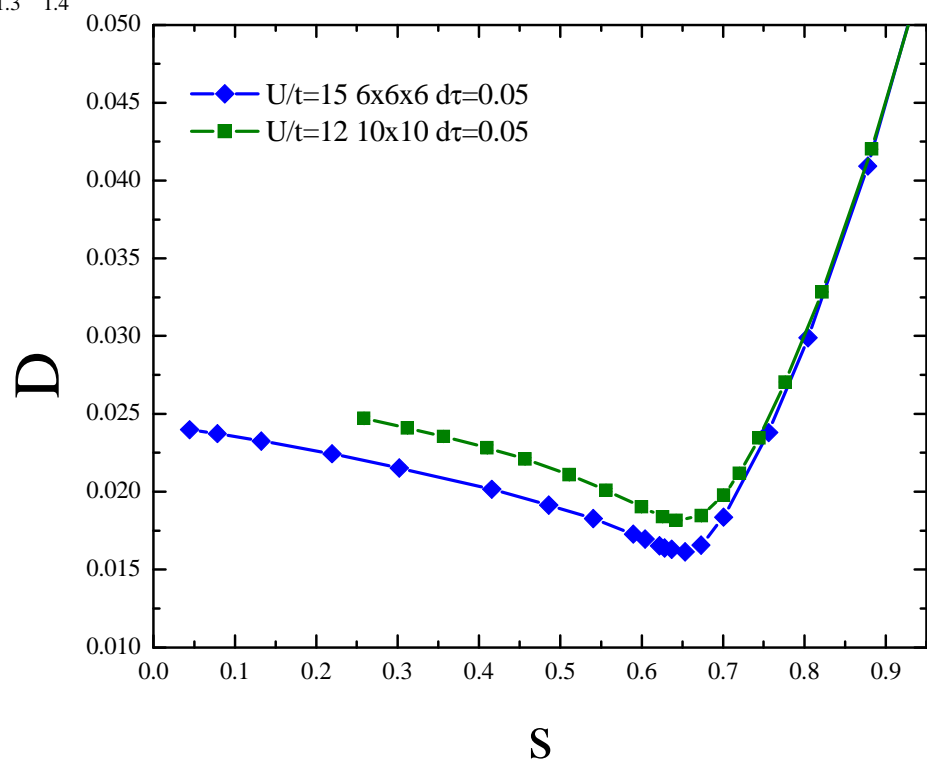
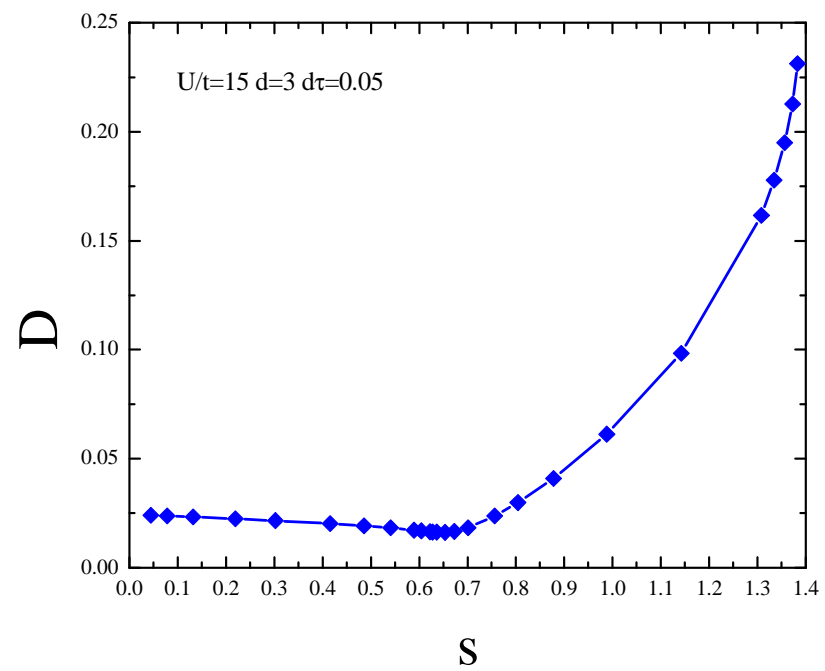
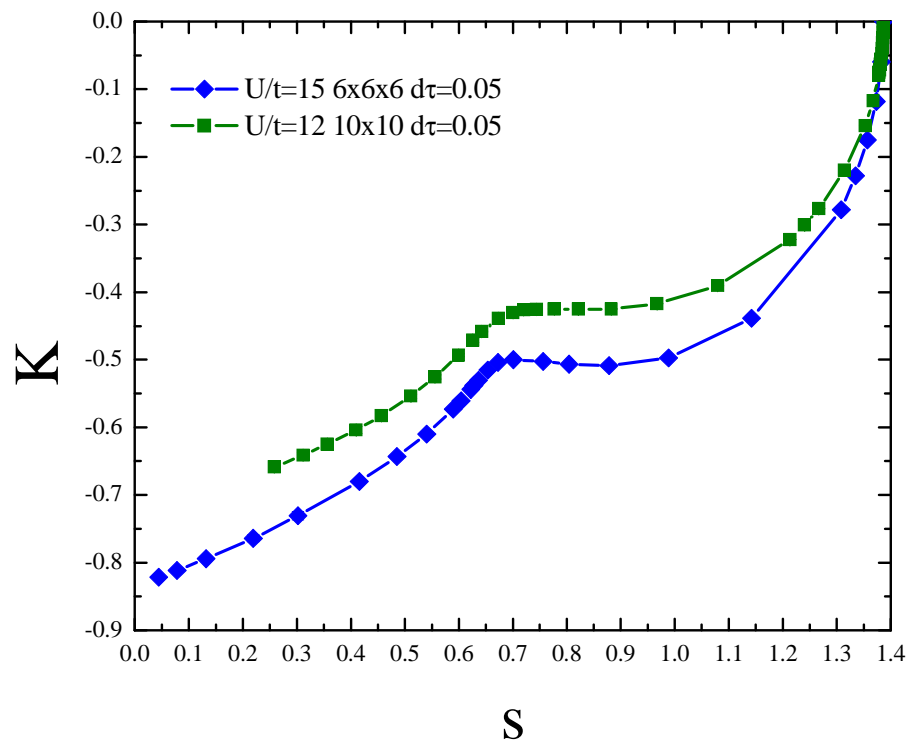


Richard's suggestions

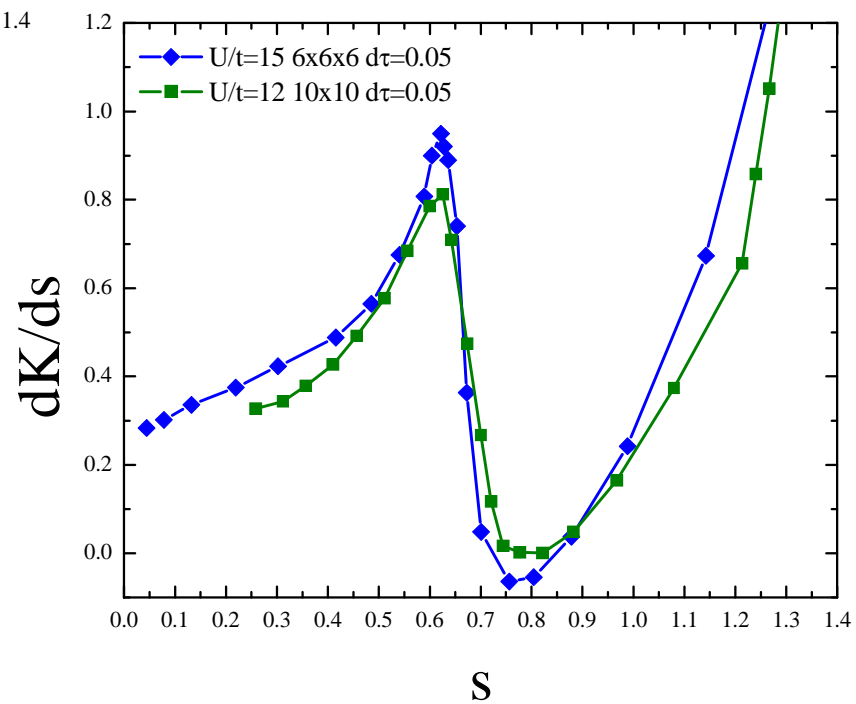
Data plotted are for $U=15$ $6\times 6\times 6$ lattices and $\delta\tau=0.05$
(no $\delta\tau$ corrections for now!!)

All data show a clear, different feature at $\ln(2)$

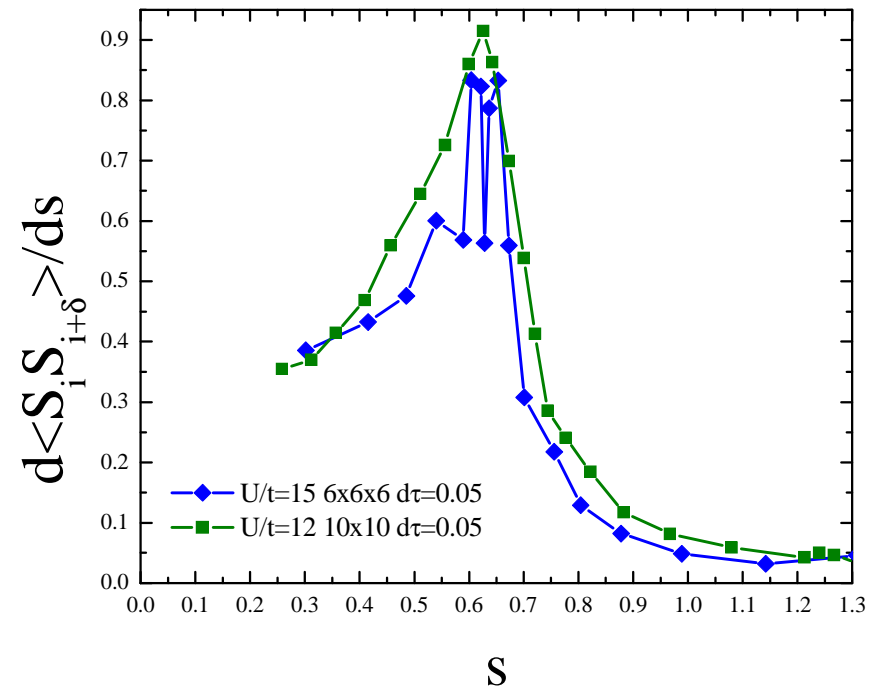
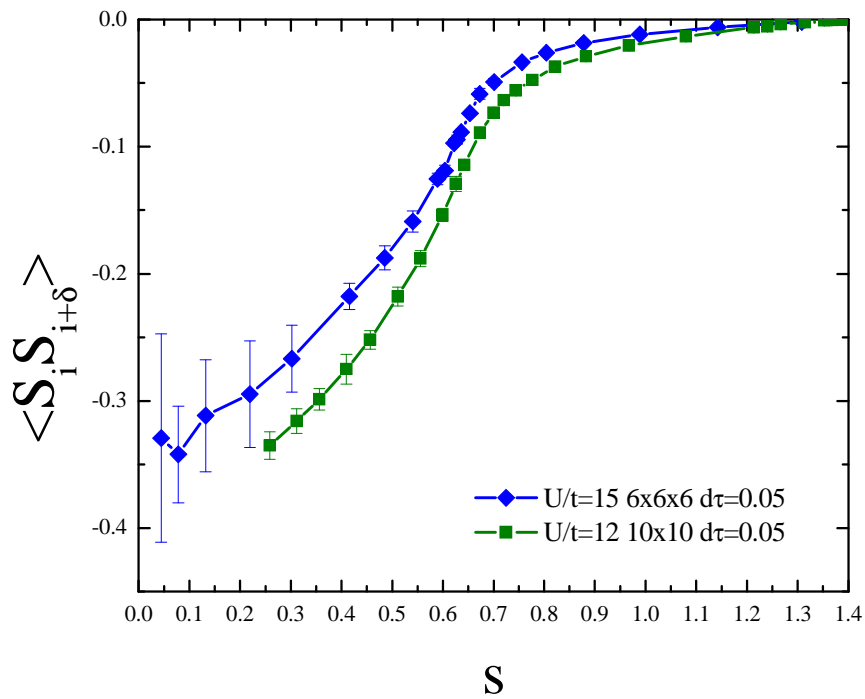




The Kinetic energy (K) has a very clear feature at $s \sim \ln(2)$.



Spin-spin nearest neighbor correlations (I have not checked at larger separation, but my guess is that the noise is going to be high) and its derivative with respect to s . Despite the noise, there is a clear change in the behavior of the spin-spin correlation function at $s \sim \ln(2)$



Charge-charge correlation functions at nearest neighbor sites

