Analysis for Fast Relaxation

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March 1, 2016

ACF with Frozen Topology (NP=700)

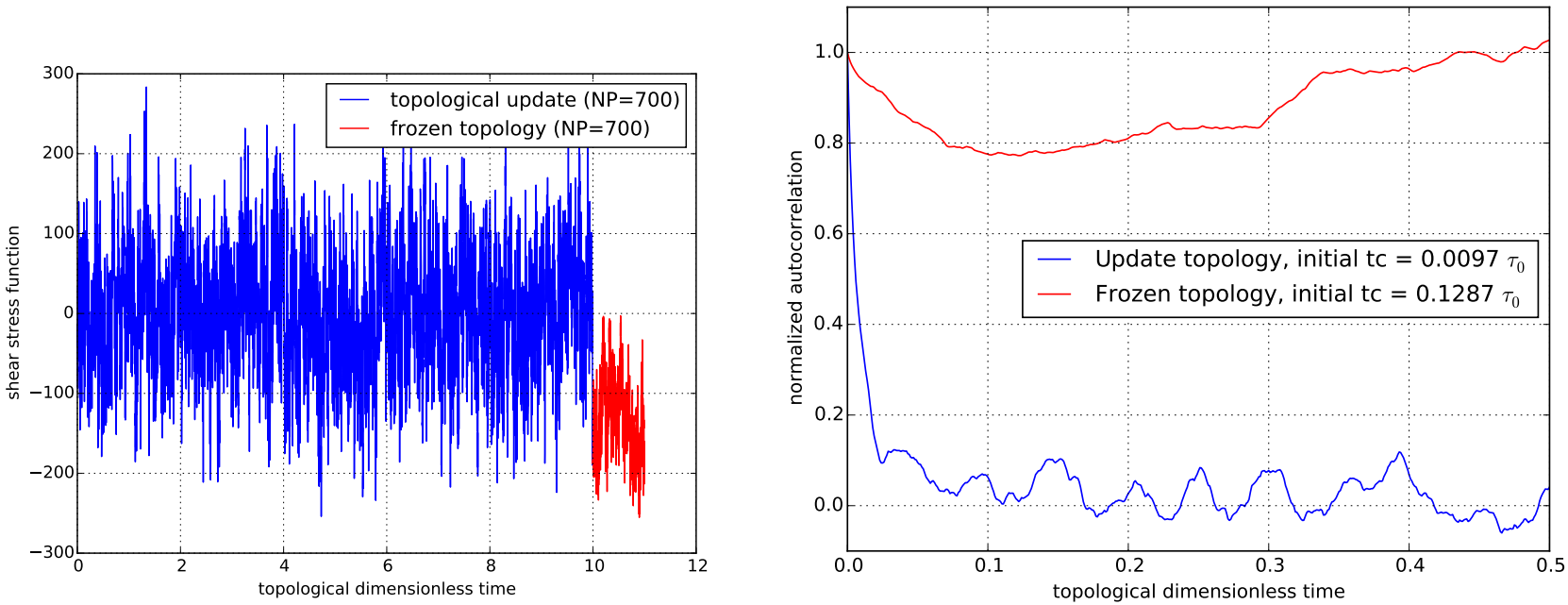
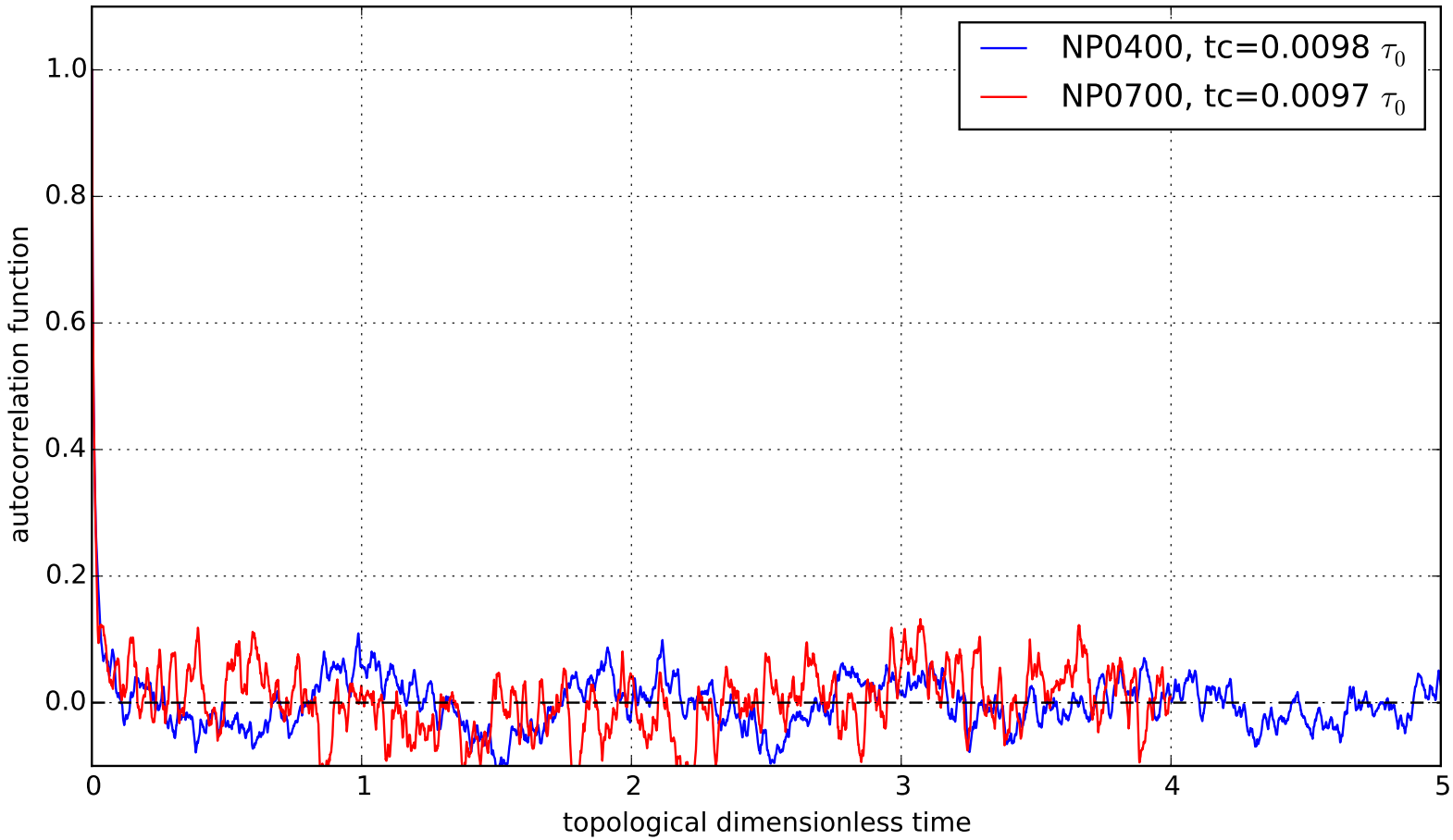
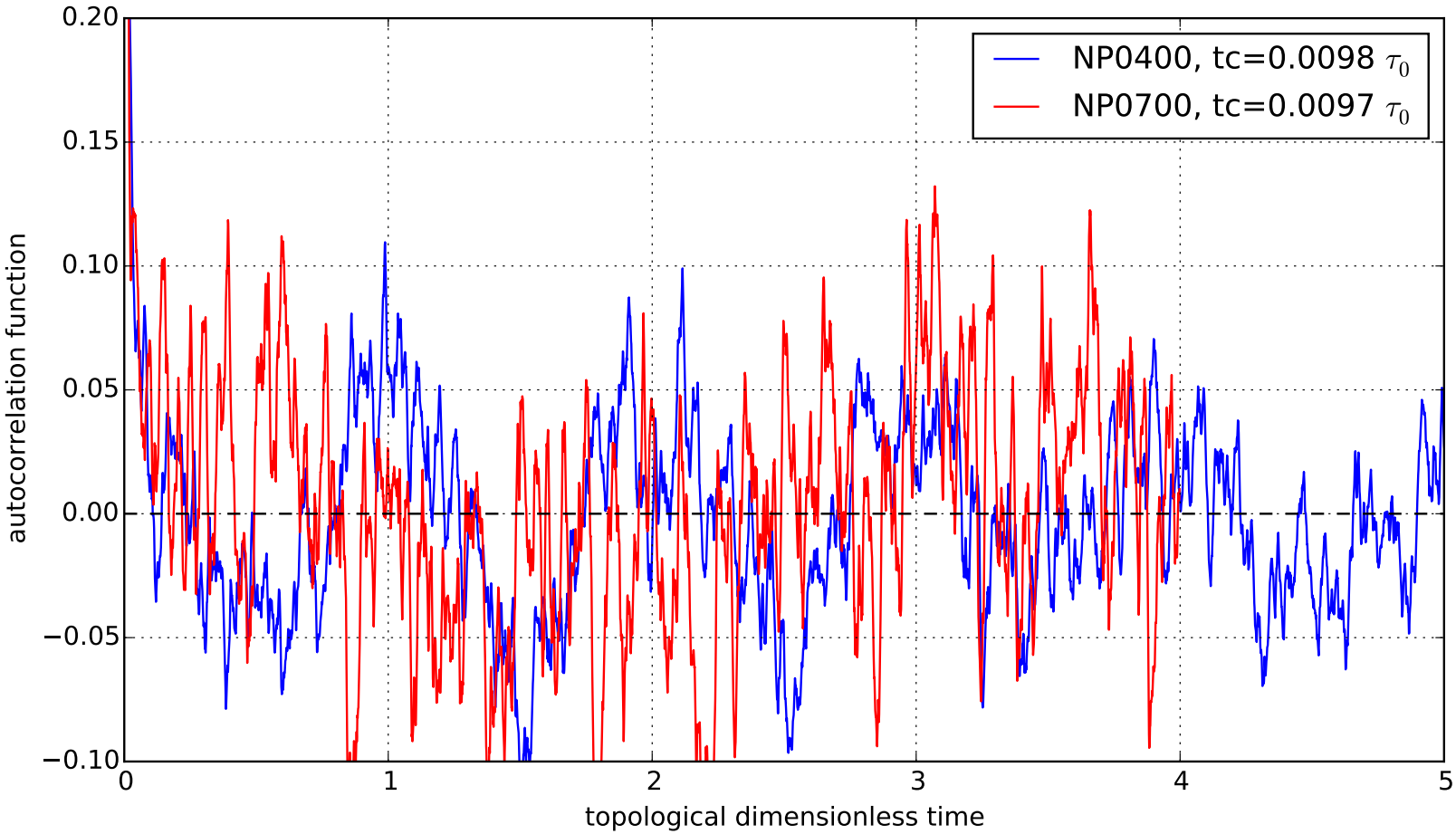


Figure 1: Shear stress function with respect to topological dimensionless time based on τ_0 (left) and the autocorrelation function (right). The initial relax for the frozen topology 13 times slower than the normal text, which means the fast relax is not come from Brownian motion, but might be loosing stress by dissociation is a key.

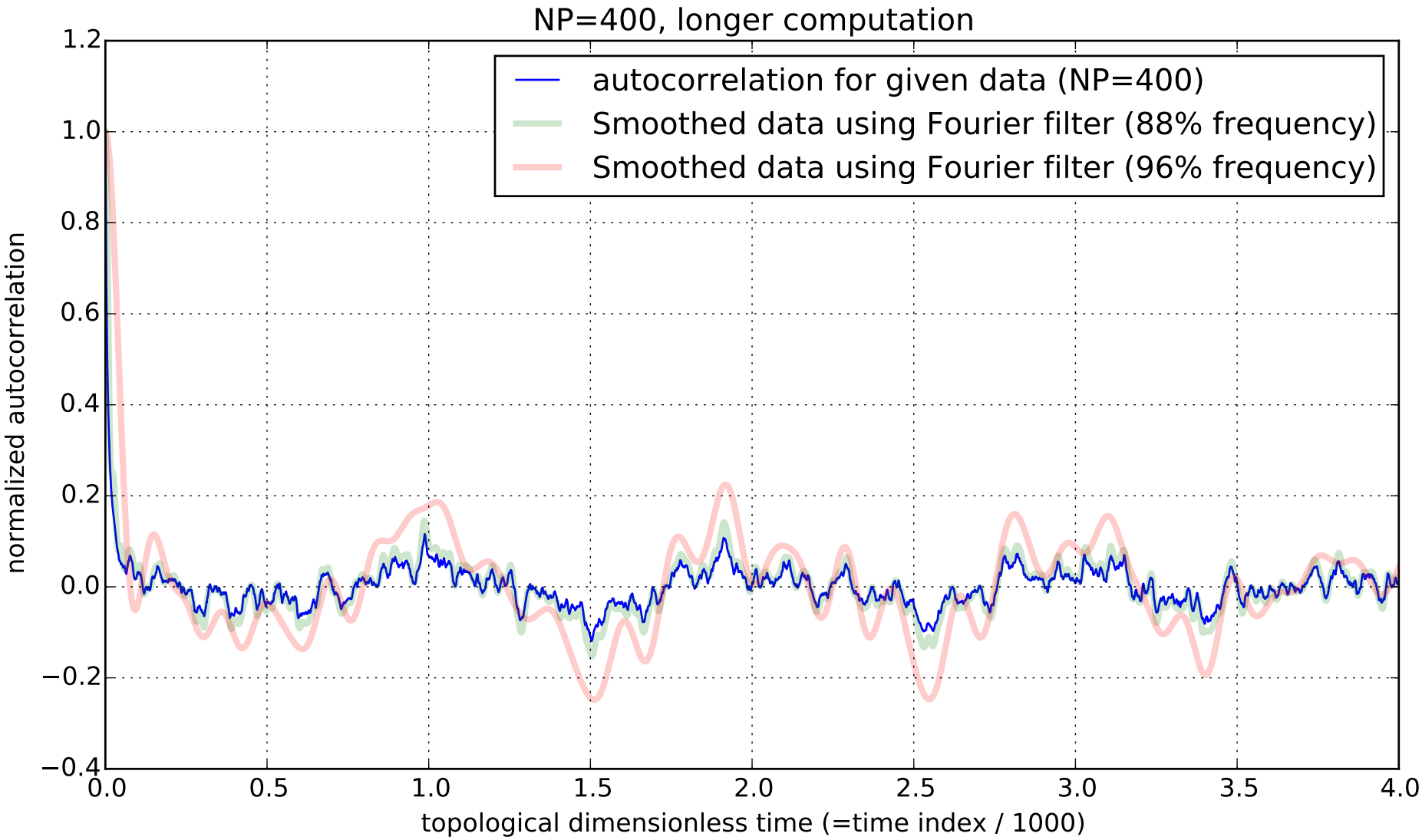
Longtail in ACF (NP=400, 700, short)



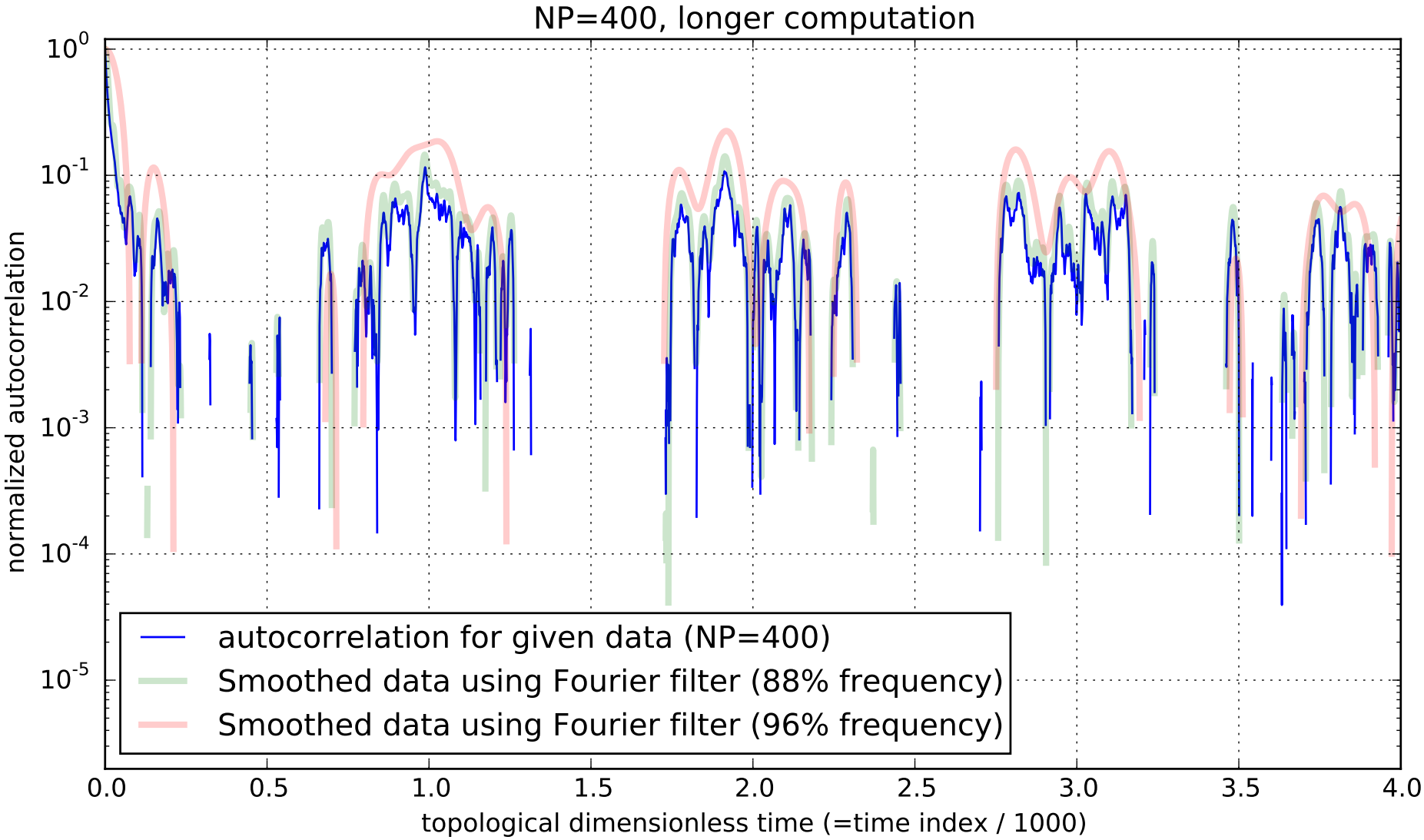
Longtail in ACF (NP=400, 700, short, detail)



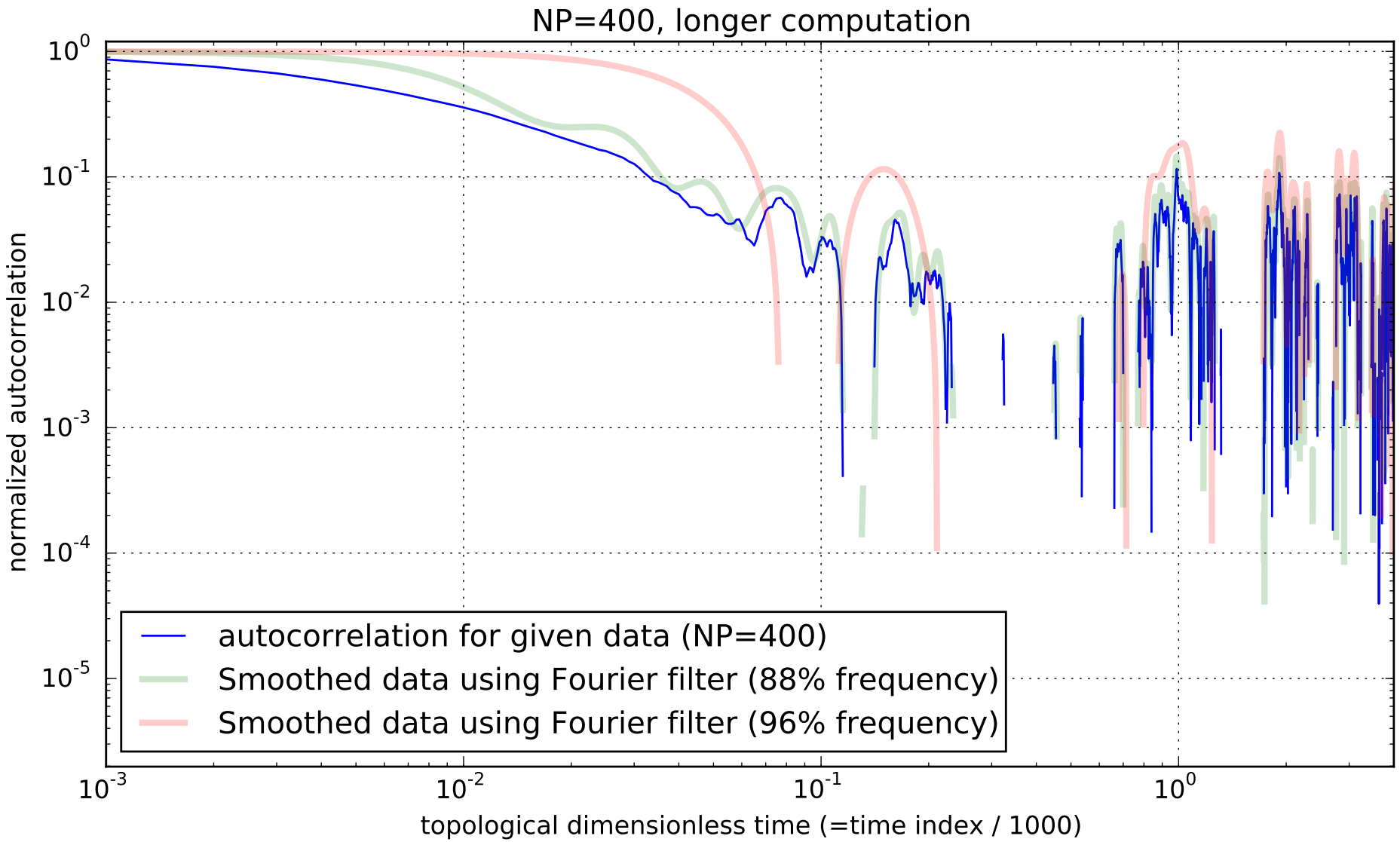
Longtail in ACF (NP=400, long)



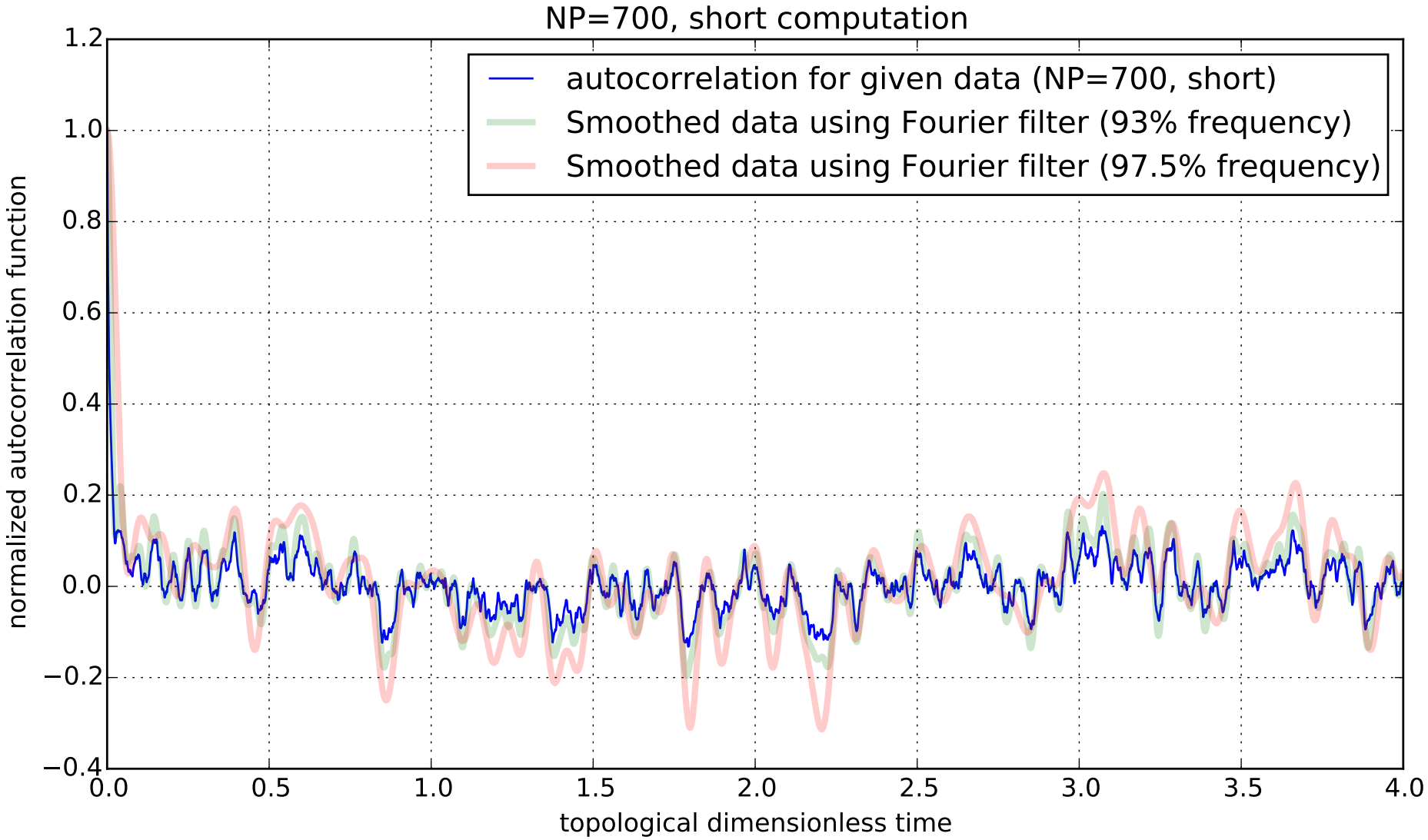
Longtail in ACF (NP=400, long)



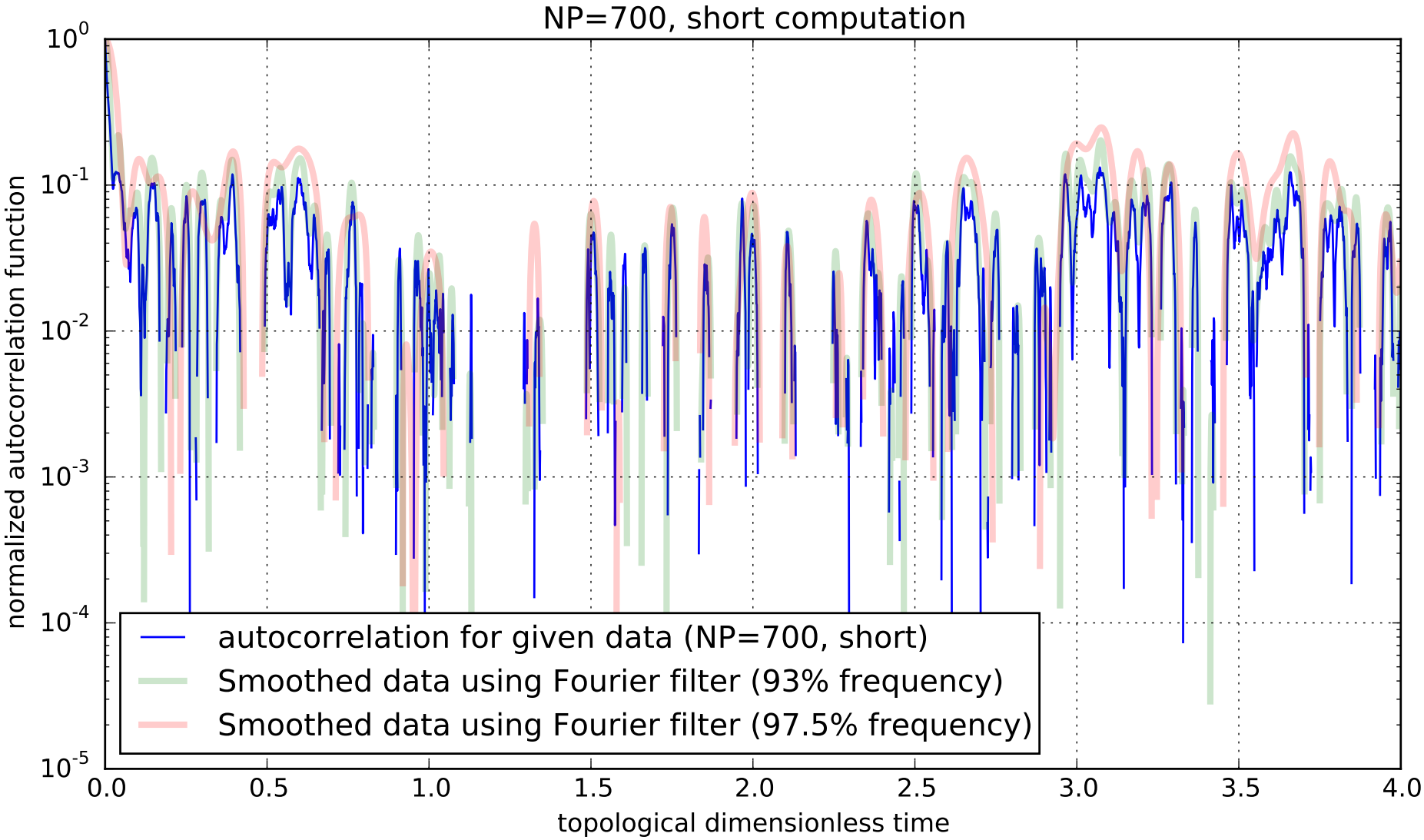
Longtail in ACF (NP=400, long)



Longtail in ACF (NP=700, short)



Longtail in ACF (NP=700, short)



Longtail in ACF (NP=700, short)