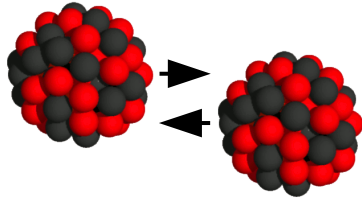
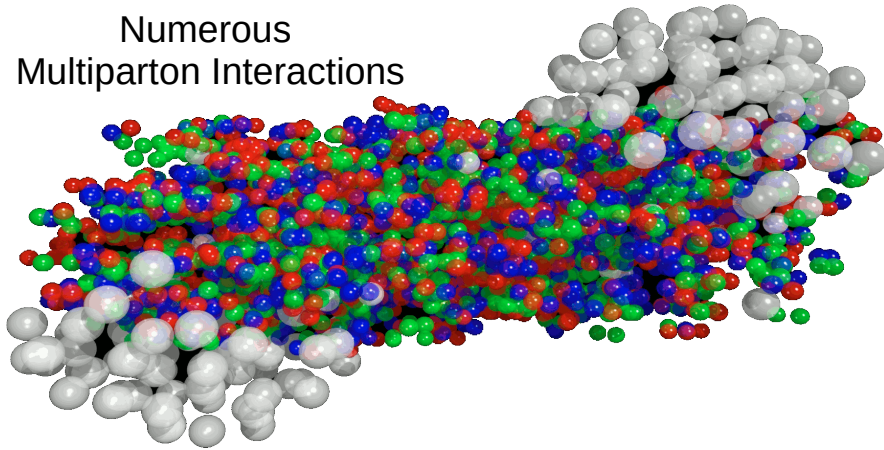


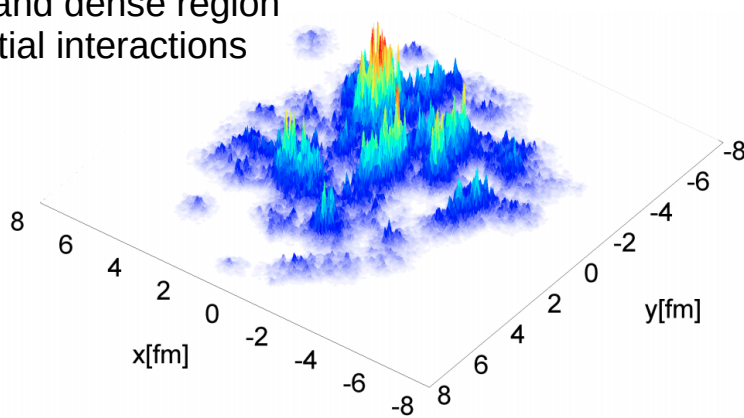
Heavy-ion Collisions RHIC/LHC



Numerous
Multiparton Interactions



Large and dense region
of initial interactions

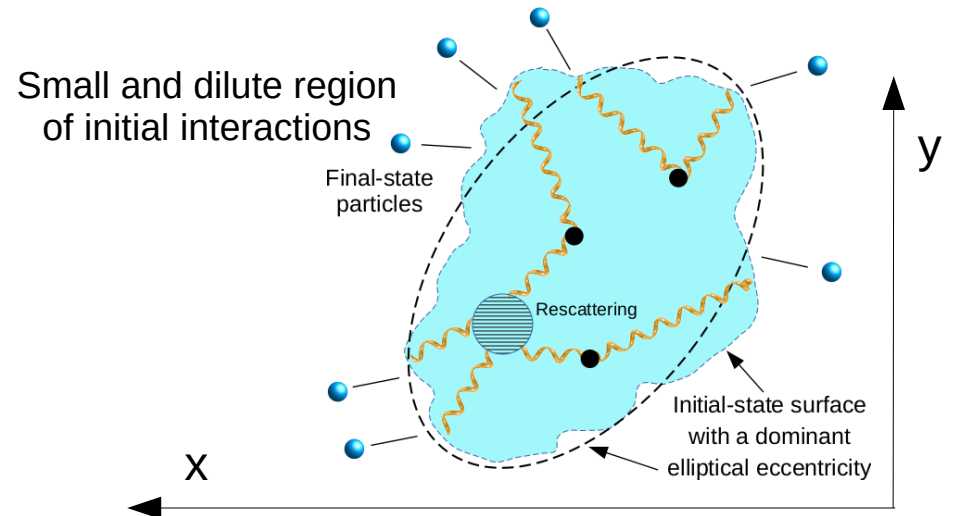


Numerous Multiparton Interactions lead
to a thermal equilibrium

ep Scattering HERA



A Few
Multiparton Interactions



Can there be enough Multiparton
Interactions to reach thermal equilibrium?