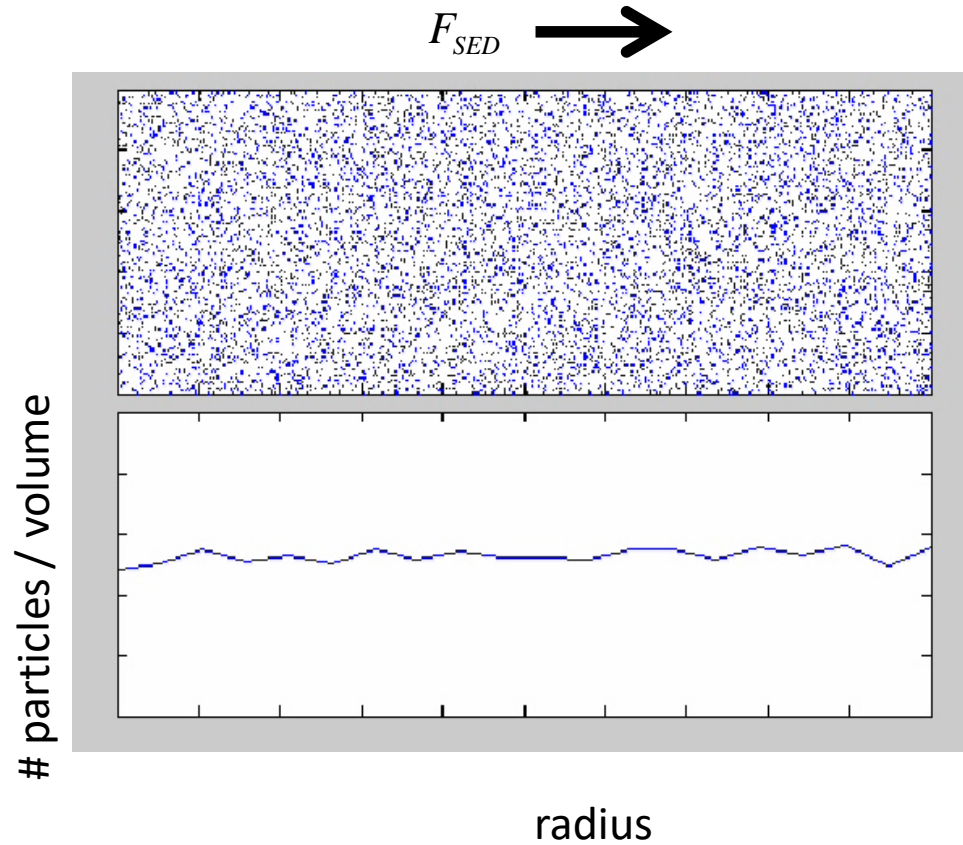


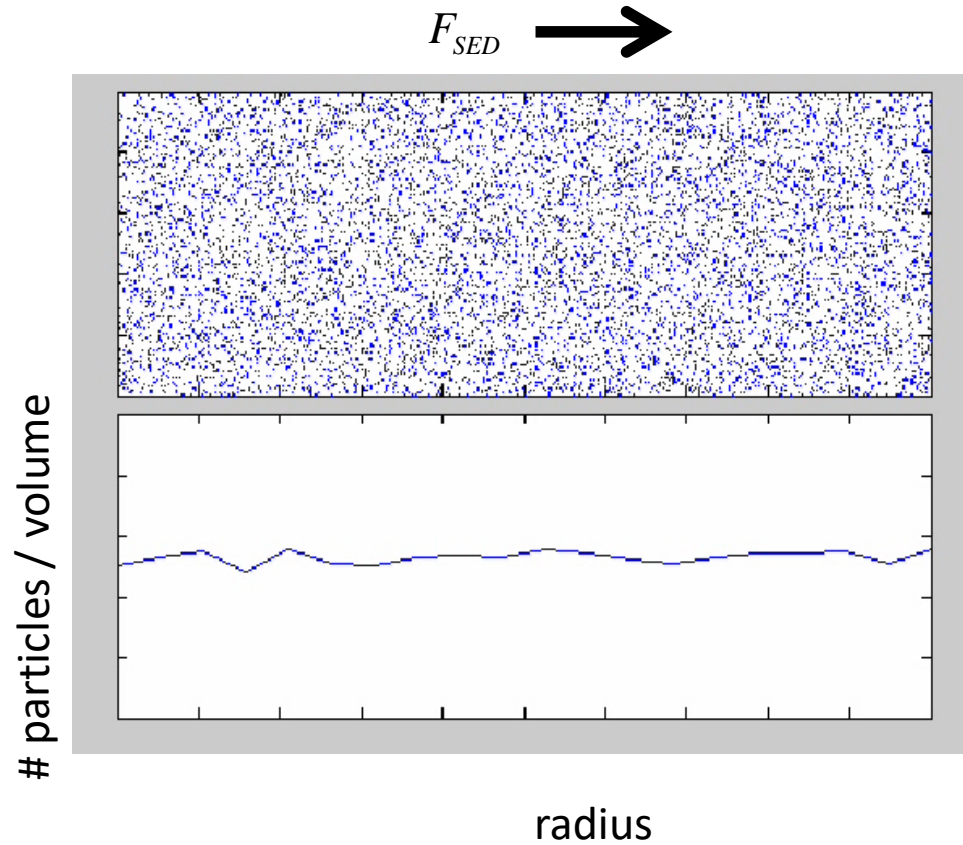
sedimentation = biased random walk



- real-time detection systems triggered with revolution of rotor
- allows to measure sedimentation, diffusion, polydispersity

$$M(1 - \bar{v}\rho) = \frac{s}{D} RT$$

sedimentation = biased random walk



→ after long time, thermodynamic equilibrium reports on buoyant molar mass

$$c(r) = c(r_0) \exp \frac{M(1-\bar{v}\rho)}{RT} \frac{1}{2}(r^2 - r_0^2)$$

for study of protein complexes

