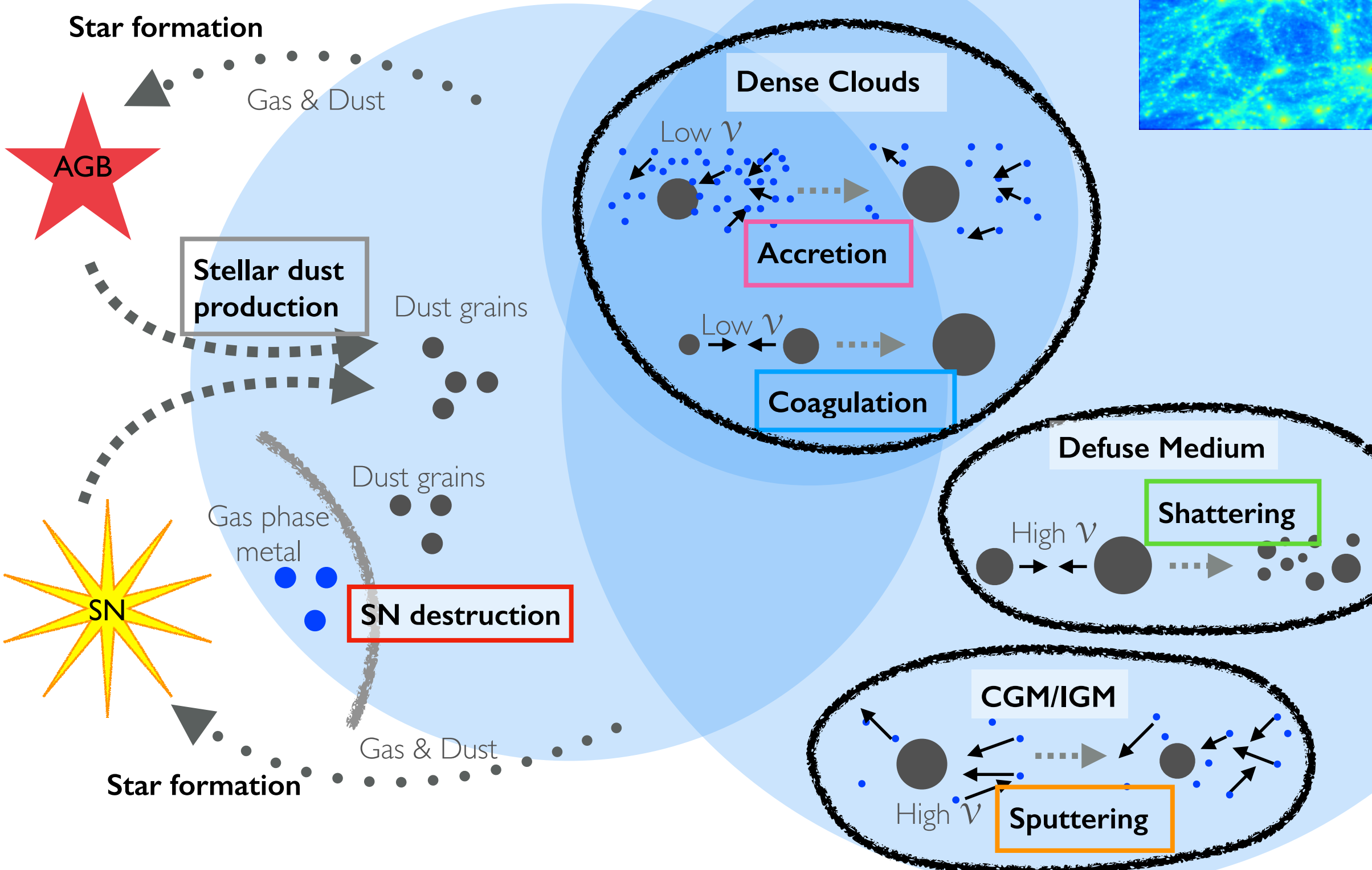
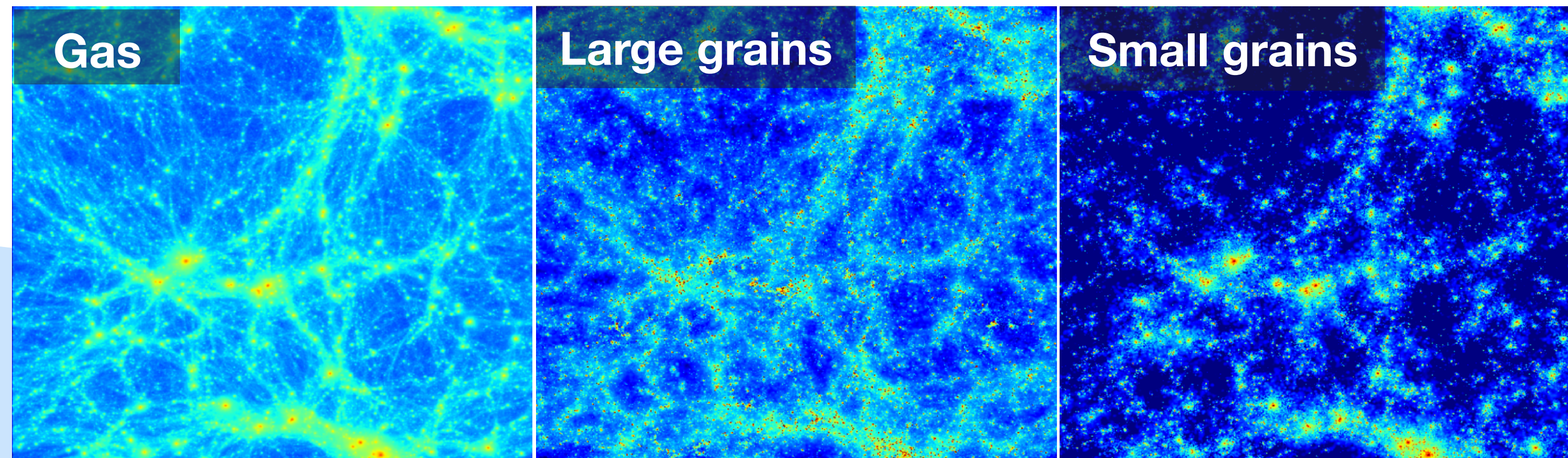


Cosmological simulation with dust evolution

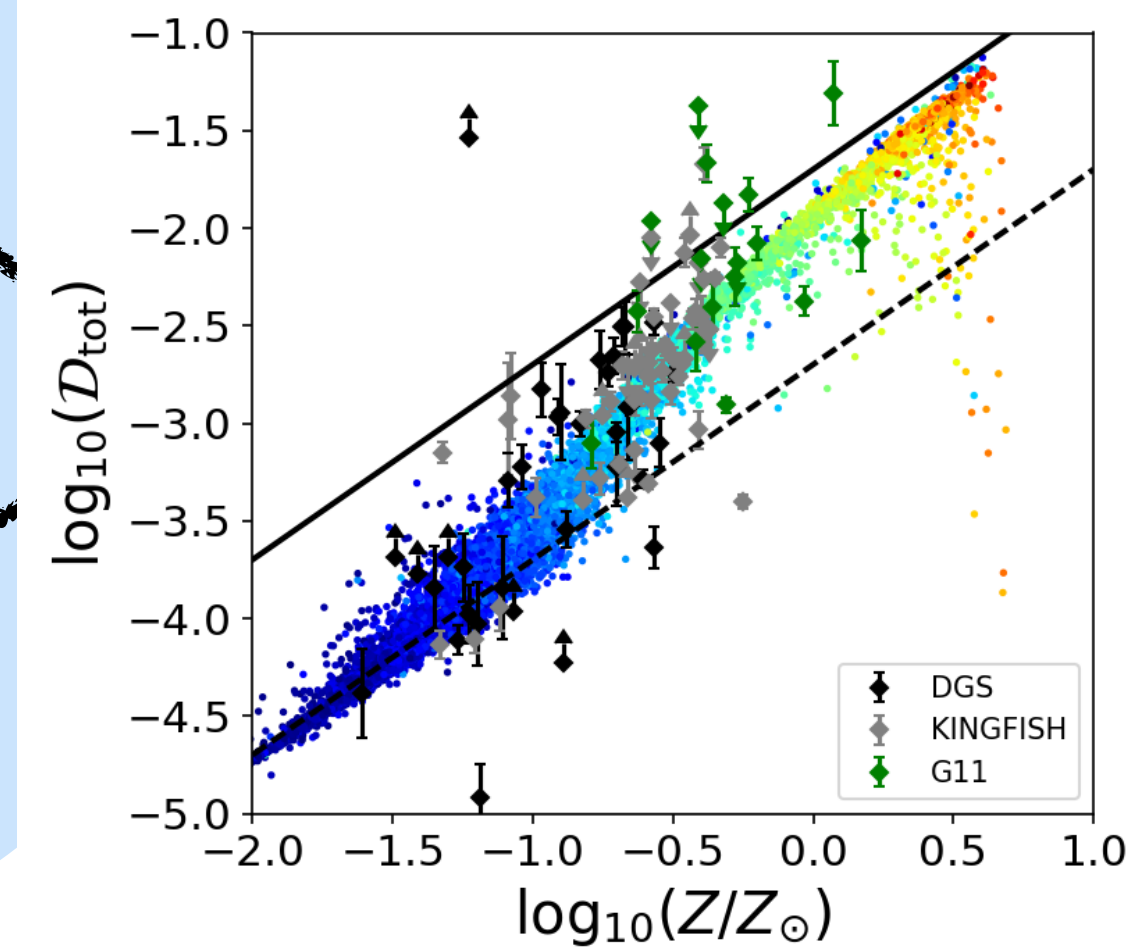
Kuan-Chou Hou (ASIAA/NTU), Shohei Aoyama, Hiroyuki Hirashita(ASIAA), Ikkoh Shimizu & Kentaro Nagamine (Osaka University)

Hydro Simulation + Dust model

- Stellar production & destruction
- ISM processes
- Grain size distribution is represented by small and large grains



Dust-to-gas ratio vs Metallicity



Redshift evolution of dust mass function

