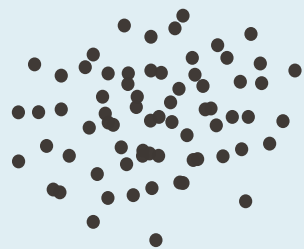


OsloAero

Nucleation

Formation

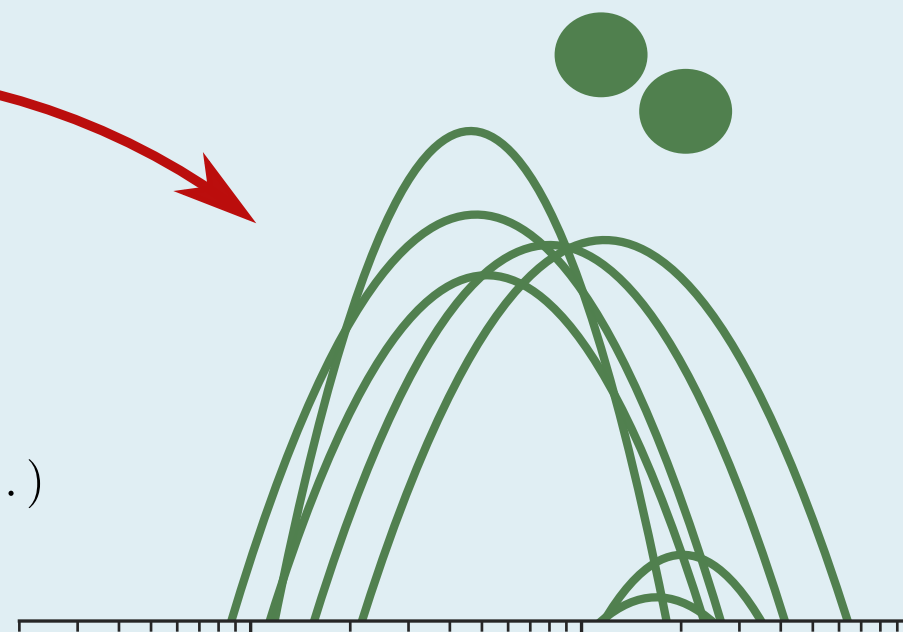
Modal scheme



$$J_{nuc} = f(\text{H}_2\text{SO}_4], [\text{ORG}])$$



$$J_{23.6 \text{ nm}} = J_{nuc} \cdot g(\text{Coag}_{sink}, \text{GR}, \dots)$$



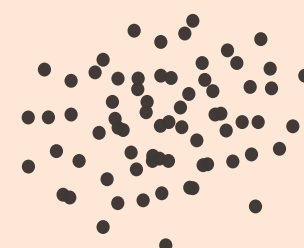
OsloAeroSec

Nucleation

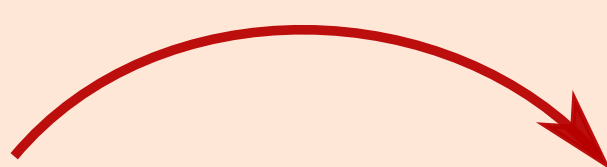
Formation

Sectional

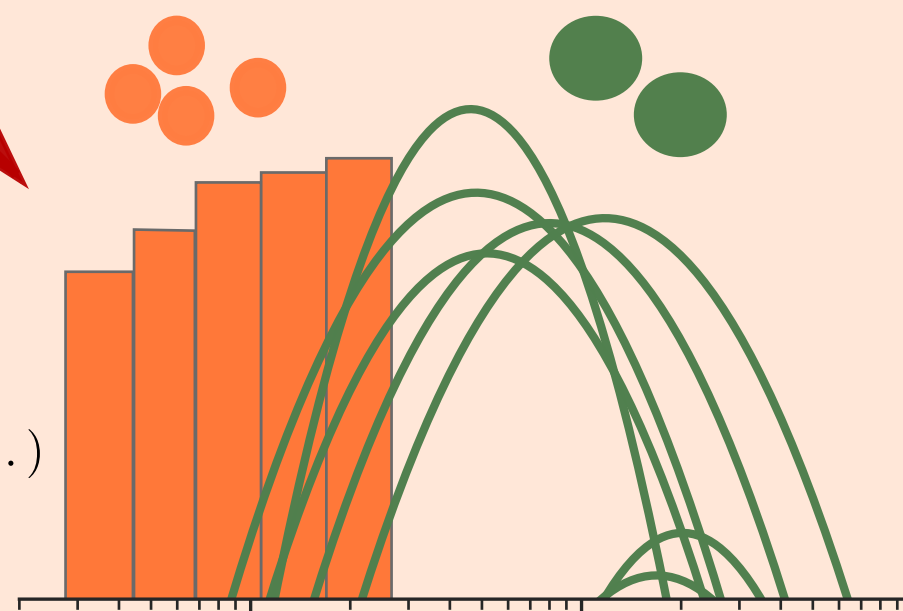
Modal scheme



$$J_{nuc} = f(\text{H}_2\text{SO}_4], [\text{ORG}])$$



$$J_{5 \text{ nm}} = J_{nuc} \cdot g(\text{Coag}_{sink}, \text{GR}, \dots)$$



~2 nm

5 nm

23.6 nm\*

Particle diameter