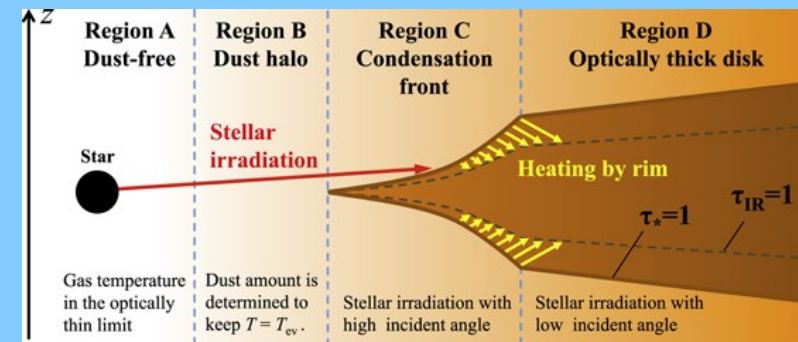


WIDGET – Wall and Inner Disk Grain Equilibrium Treatment

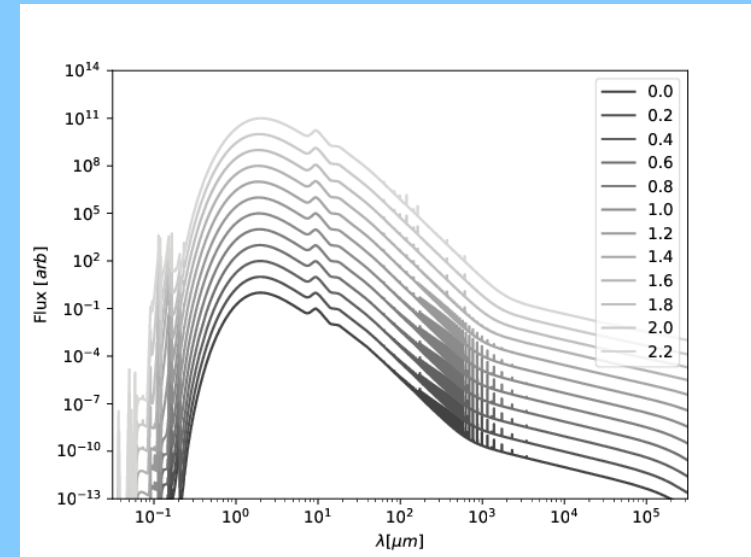
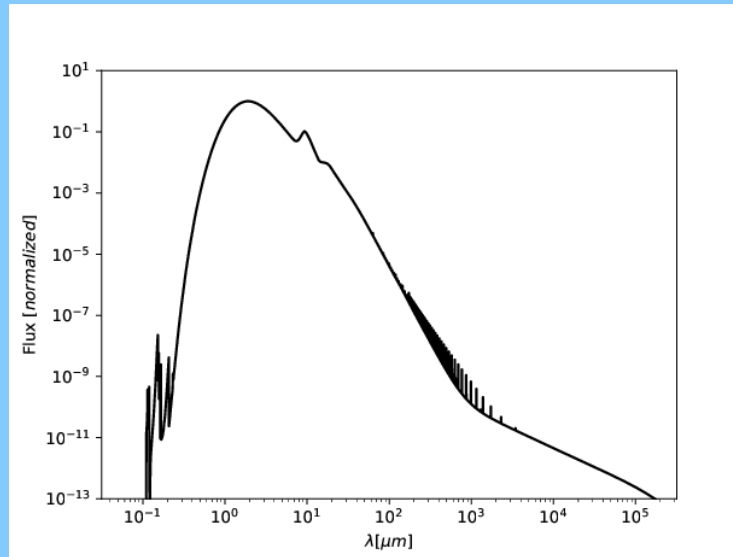
Connor Robinson (Boston University)
Alex Jones (University of Hertfordshire)



Ueda, Okuzumi and Flock, 2017

Main aim

To investigate the curvature, location and grain abundances of the puffed-up inner wall found in proto-planetary disks using Cloudy simulations



Model parameters

- $H_{den} = 10.53$ to -15.9
- Stop temperature = 1000 K
- Blackbody at 4400 K
- $Q(H) = 33.20$
- Radius = 12
- Grains ISM function sublimation
- Cosmic rays background

