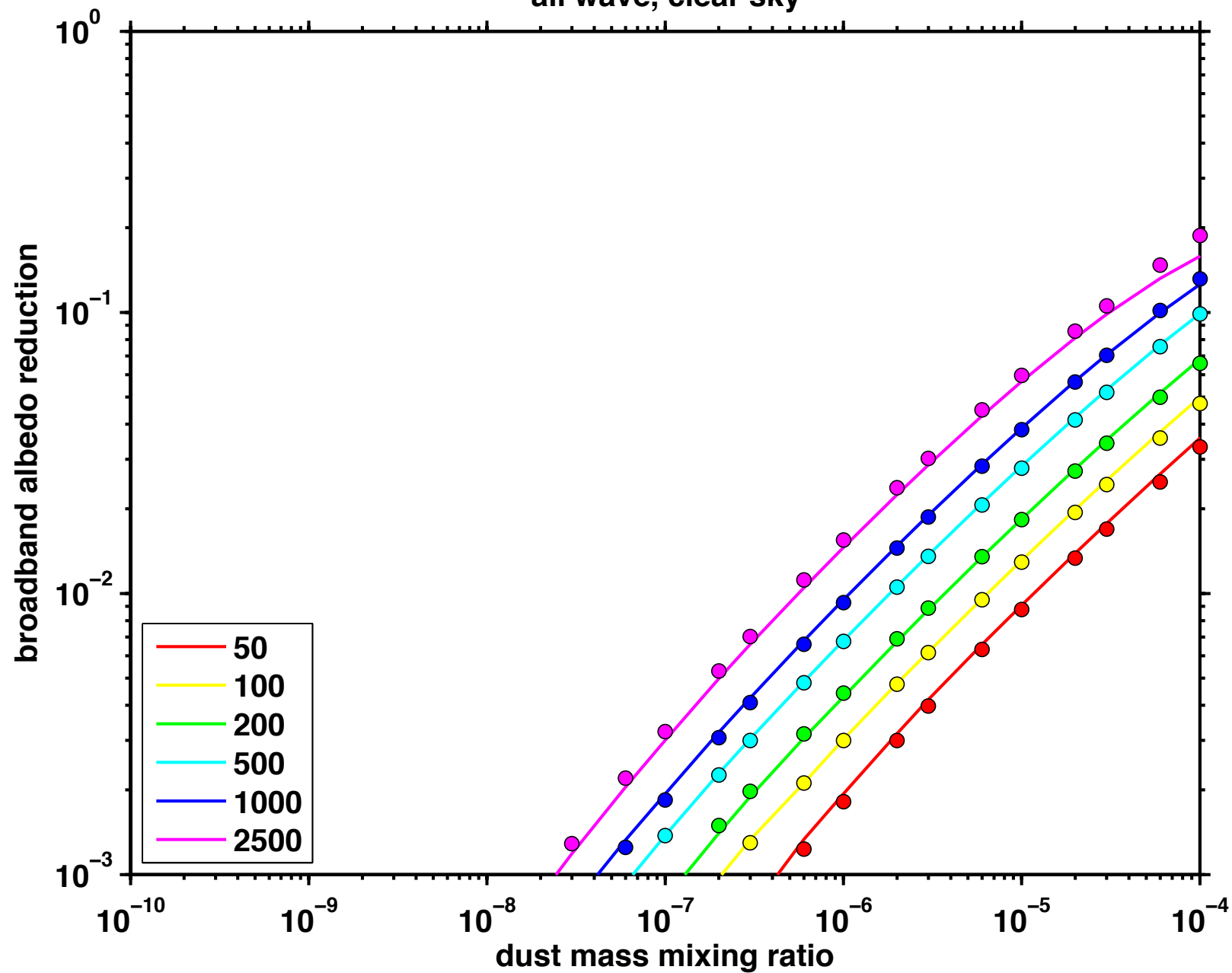


Evaluation of BC equivalent  
– snow containing only dust

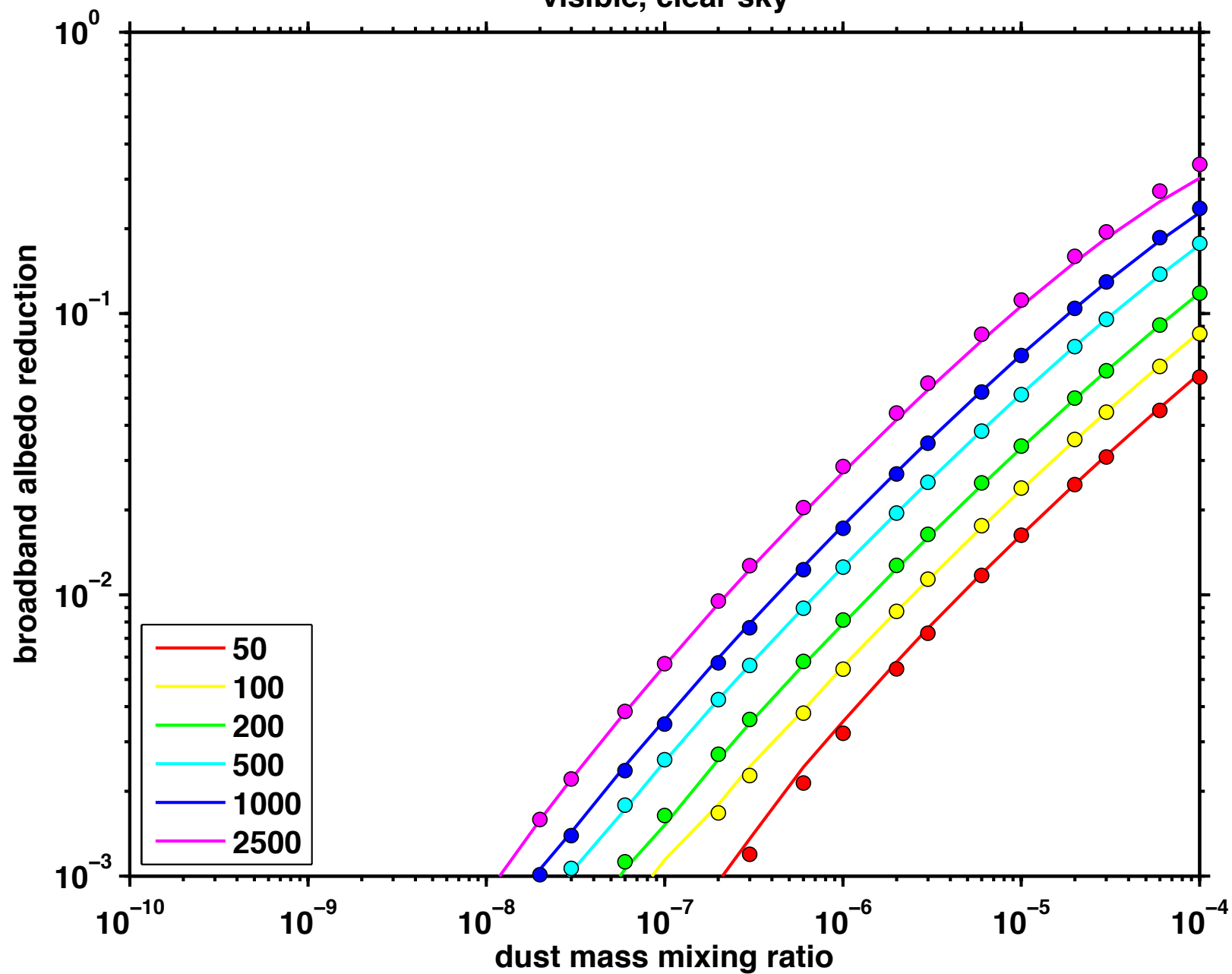
# 1. Albedo change due to dust

- Solid curves: DISORT output
- Dots: albedo change calculated using BC albedo reduction parameterization and BC equivalent factor  $f$

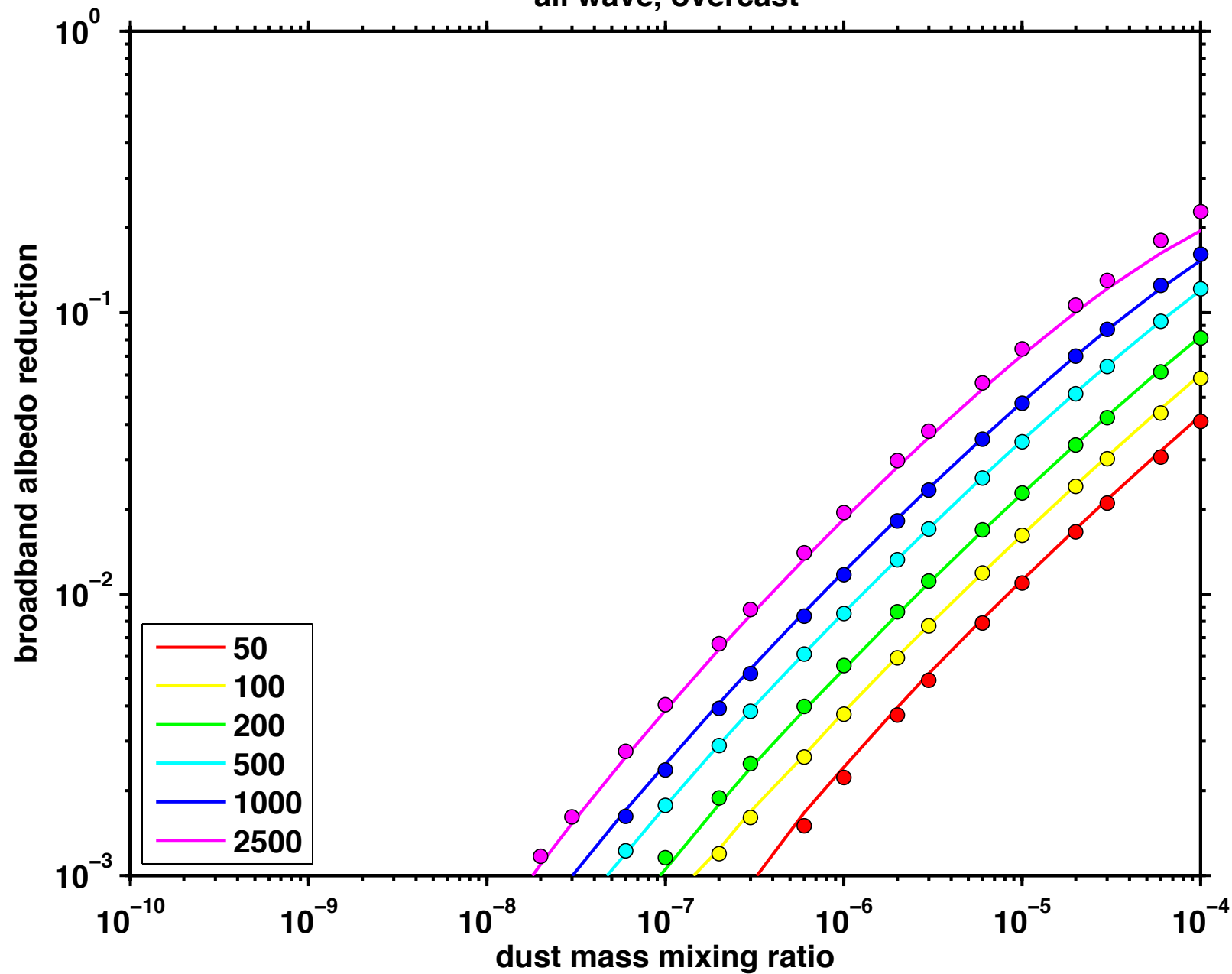
all wave, clear sky

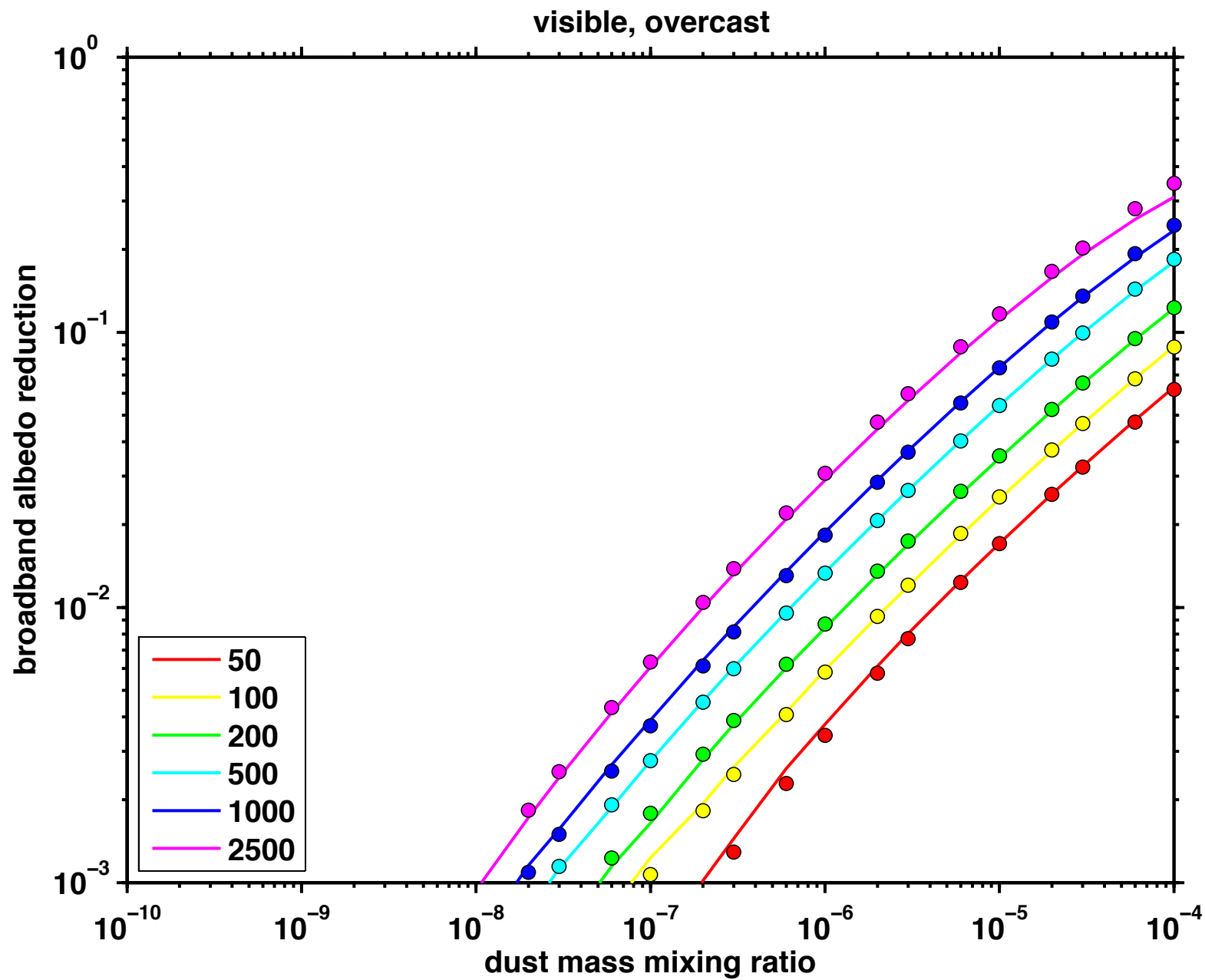


visible, clear sky



all wave, overcast





## 2. Error

- Error in albedo reduction if albedo reduction is calculated using BC equivalent factor and parameterization

