

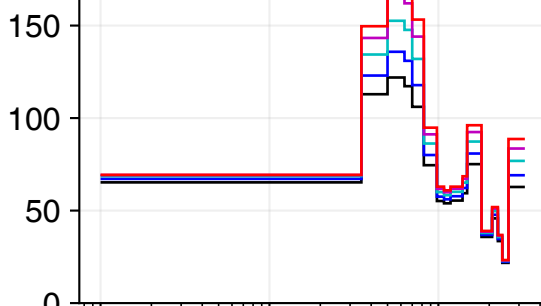
$f(\mu)$; $3.10\text{e}+05 < \lambda < 1.65\text{e}+06$

Wavelength (μm)

10^3 10^2 10^1

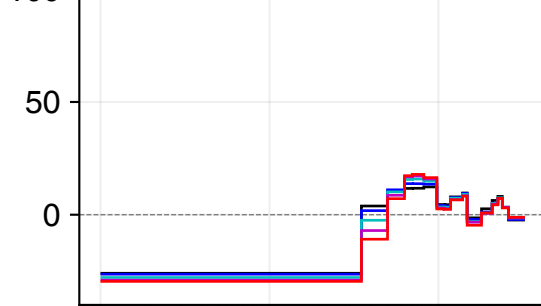
k_{abs} (RRTMG optics)

(a)



k_{abs} (263 K optics) -
RRTMG optics

(c)



Wavenumber (cm^{-1})

— $\mu = 2.00$

— $\mu = 3.06$

— $\mu = 5.19$

— $\mu = 8.83$

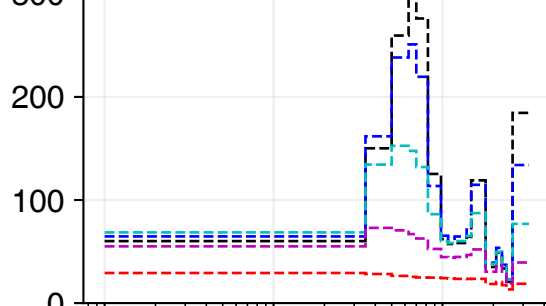
— $\mu = 15.00$

$f(\lambda)$; $\mu = 5.19$

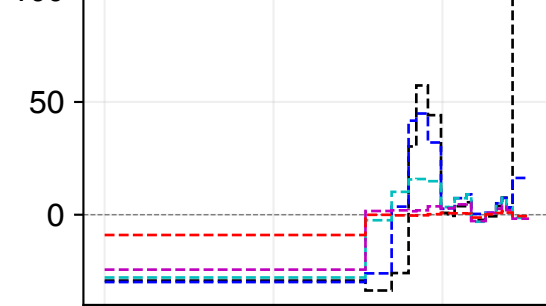
Wavelength (μm)

10^3 10^2 10^1

(b)



(d)



Wavenumber (cm^{-1})

---- $\lambda = 3.10\text{e}+06 \text{ m}^{-1}$

---- $\lambda = 1.41\text{e}+06 \text{ m}^{-1}$

---- $\lambda = 6.40\text{e}+05 \text{ m}^{-1}$

---- $\lambda = 2.91\text{e}+05 \text{ m}^{-1}$

---- $\lambda = 1.24\text{e}+05 \text{ m}^{-1}$