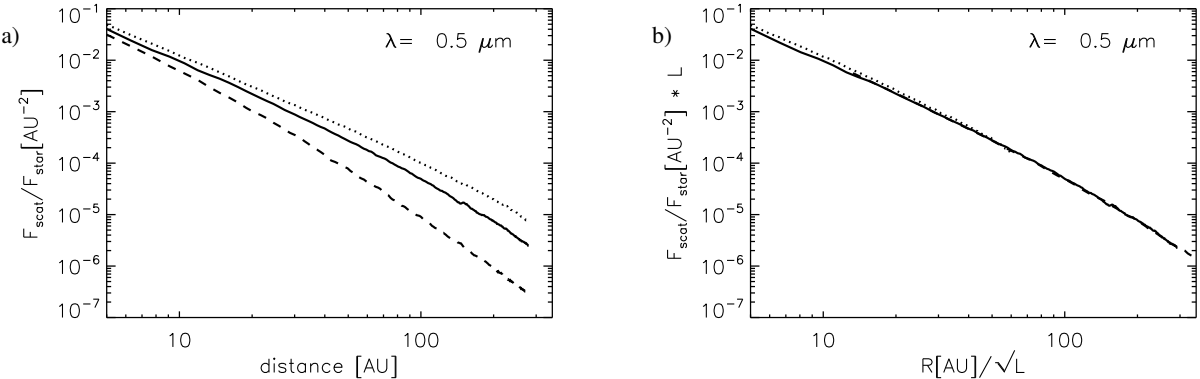
a)
λ= 0.5 μm
$F_{scat}/F_{star}[AU^{-2}]$
distance [AU]
b)
λ= 0.5 μm
$F_{scat}/F_{star}[AU^{-2}] * L$
$R[AU]/\sqrt{L}$