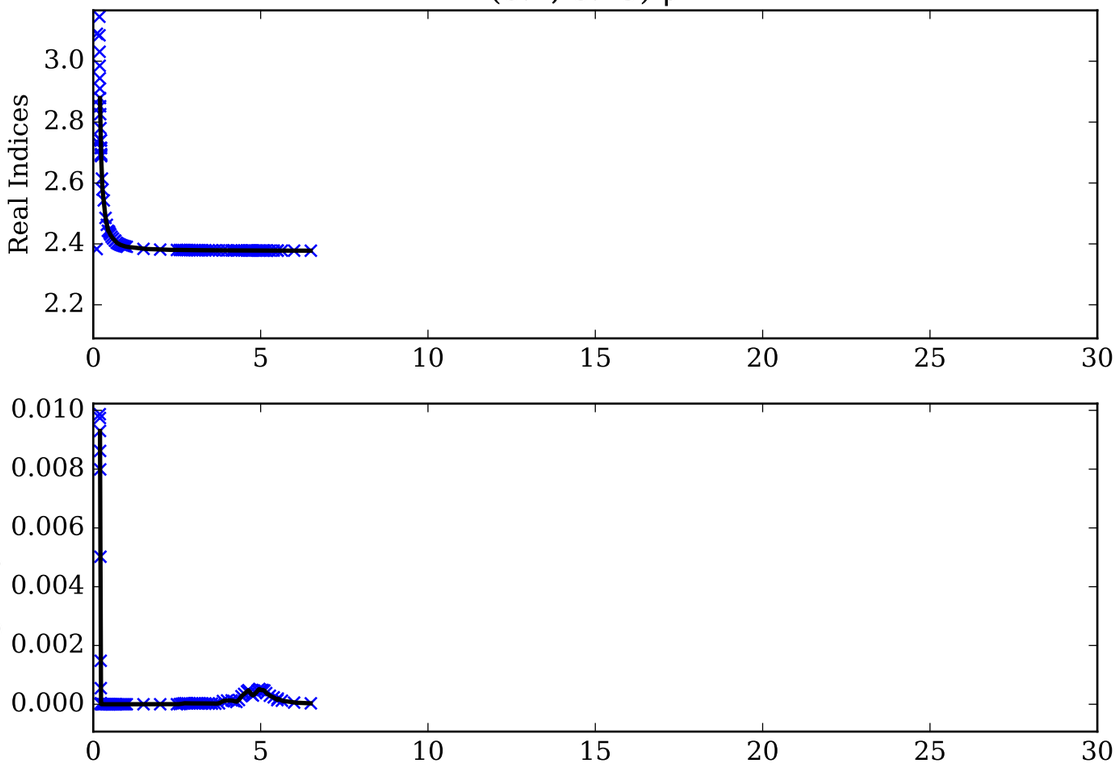
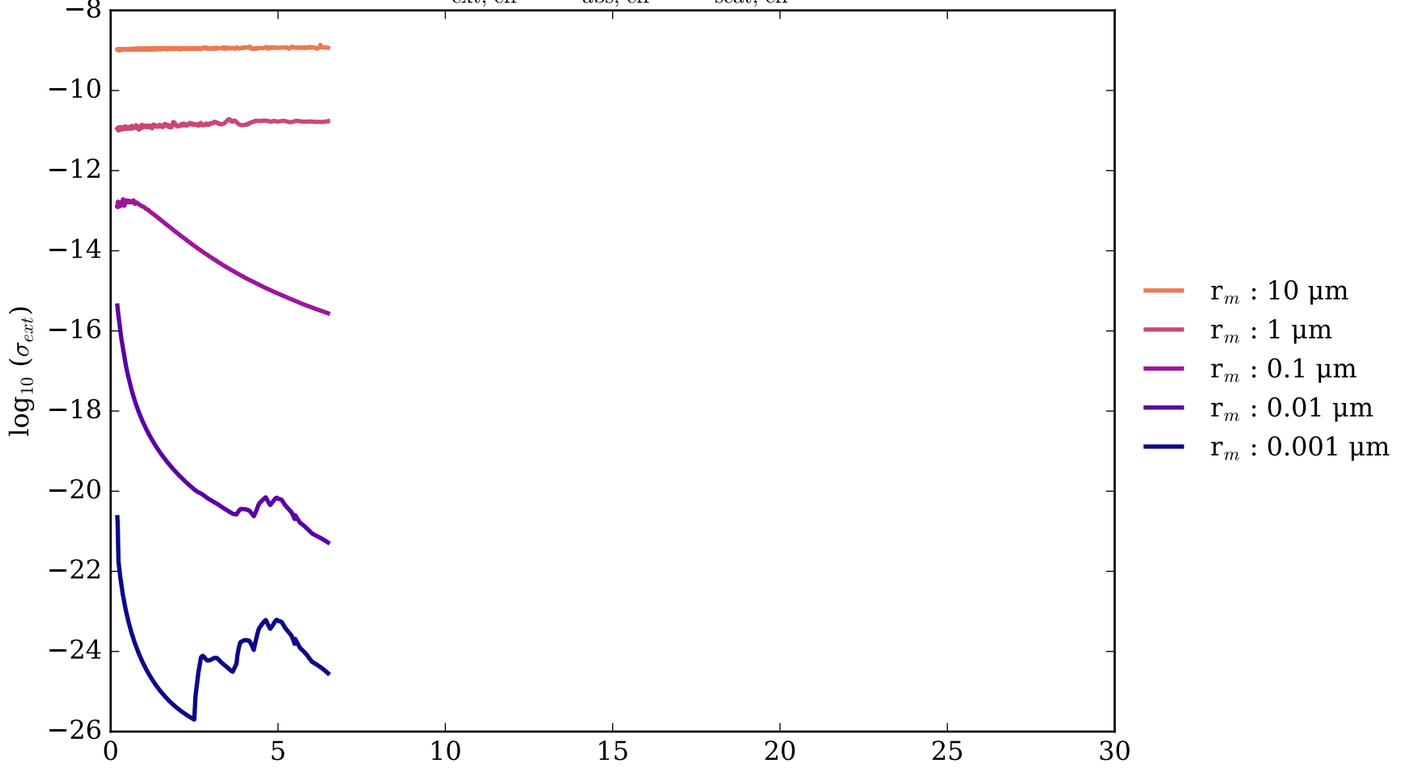
Refractive Indices for Diamond
(0.2, 6.49) μm

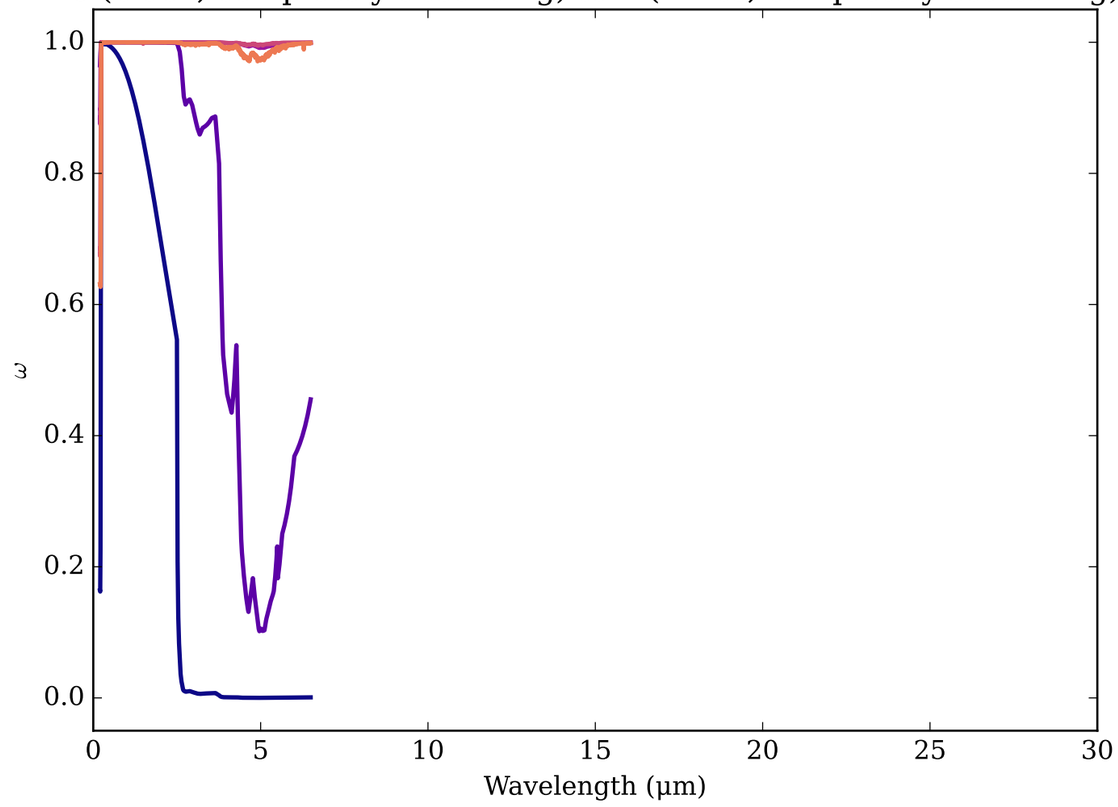


Diamond_palik Effective Extinction Cross Section

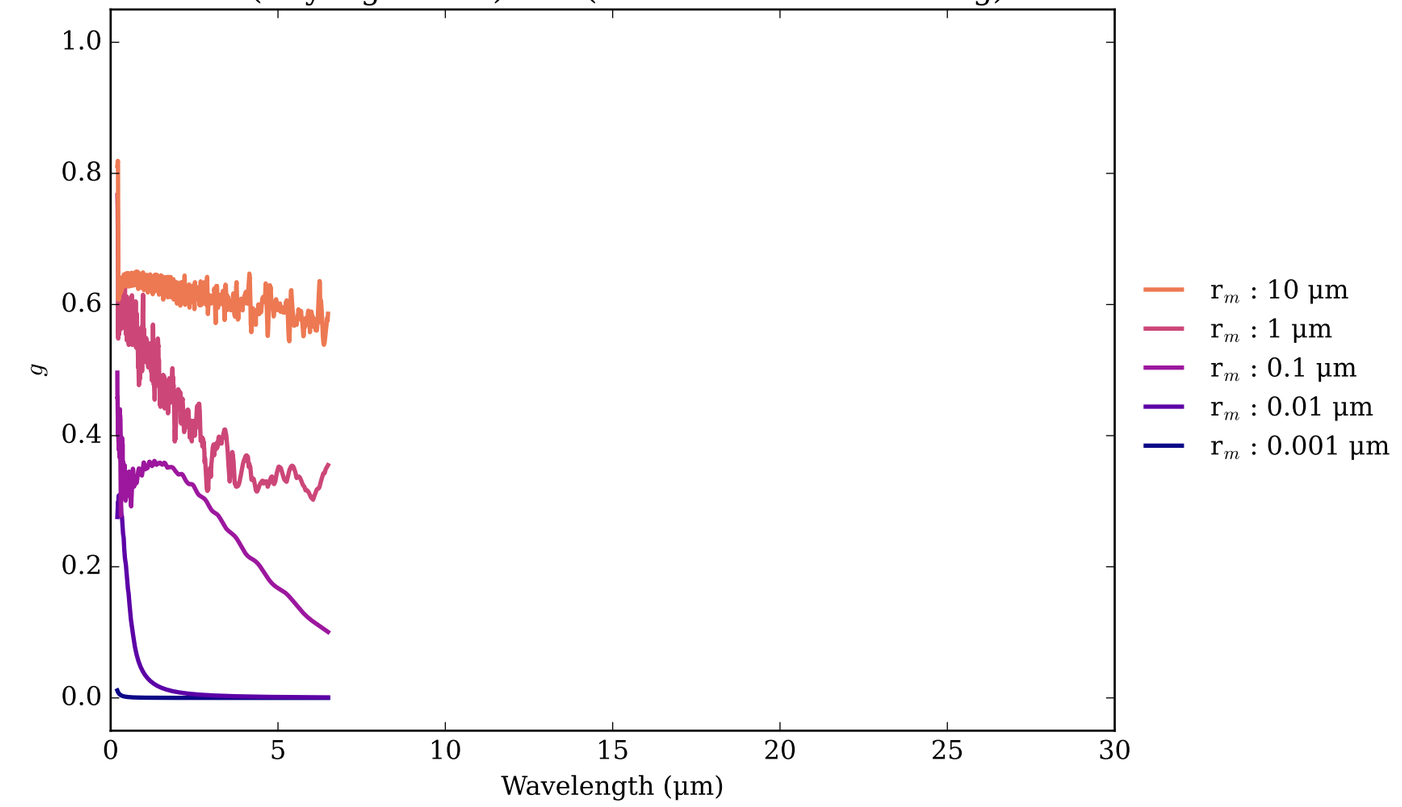
$\sigma_{\text{ext, eff}} = \sigma_{\text{abs, eff}} + \sigma_{\text{scat, eff}}$



Diamond_palik Single Scattering Albedos ω
0 (black, completely absorbing) to 1 (white, completely scattering)



Diamond_palik Asymmetry Parameter g
0 (Rayleigh Limit) to 1 (Total Forward Scattering)



Refractive Indices for Hydrogentated
(0.2, 30.0) μm

Real Indices

Imaginary Indices

Hydrogentated_Diamond_fH025_N0_irradiated Effective Extinction Cross Section

$\sigma_{\text{ext, eff}} = \sigma_{\text{abs, eff}} + \sigma_{\text{scat, eff}}$

$\log_{10}(\sigma_{ext})$

r_m : 10 μm
r_m : 1 μm
r_m : 0.1 μm
r_m : 0.01 μm
r_m : 0.001 μm

Hydrogentated_Diamond_fH025_N0_irradiated Single Scattering Albedos
0 (black, completely absorbing) to 1 (white, completely scattering)

ω

Wavelength (μm)

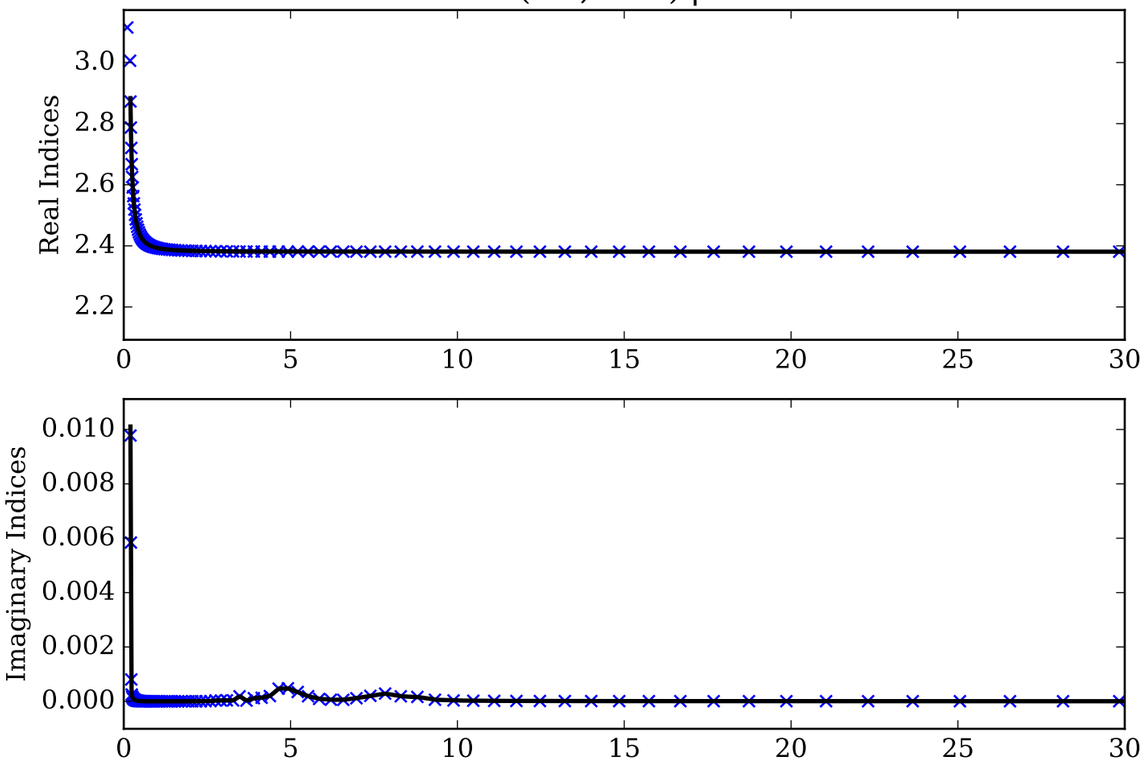
Hydrogentated_Diamond_fH025_N0_irradiated Asymmetry Parameter g
0 (Rayleigh Limit) to 1 (Total Forward Scattering)

g

Wavelength (μm)

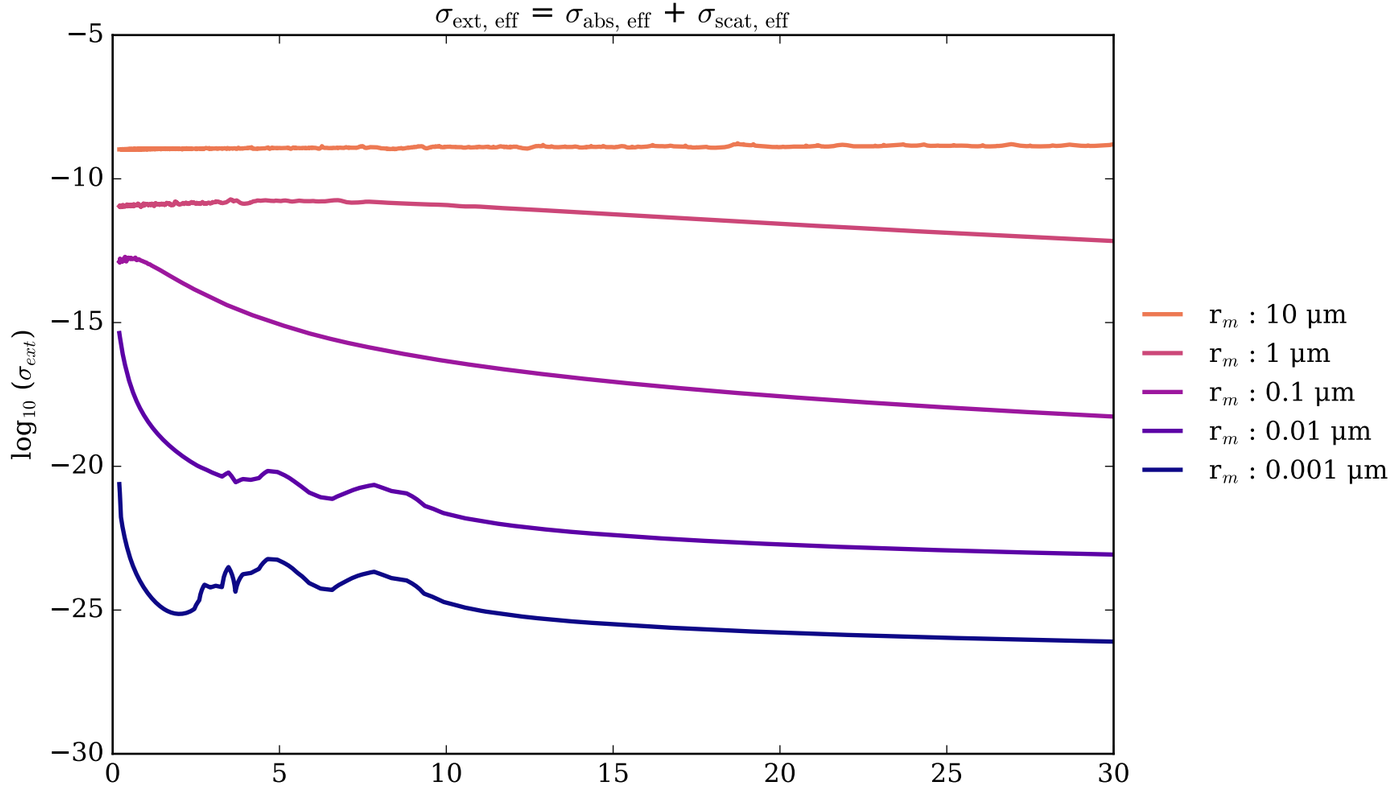
r_m : 10 μm
r_m : 1 μm
r_m : 0.1 μm
r_m : 0.01 μm
r_m : 0.001 μm

Refractive Indices for Hydrogentated
(0.2, 30.0) μm

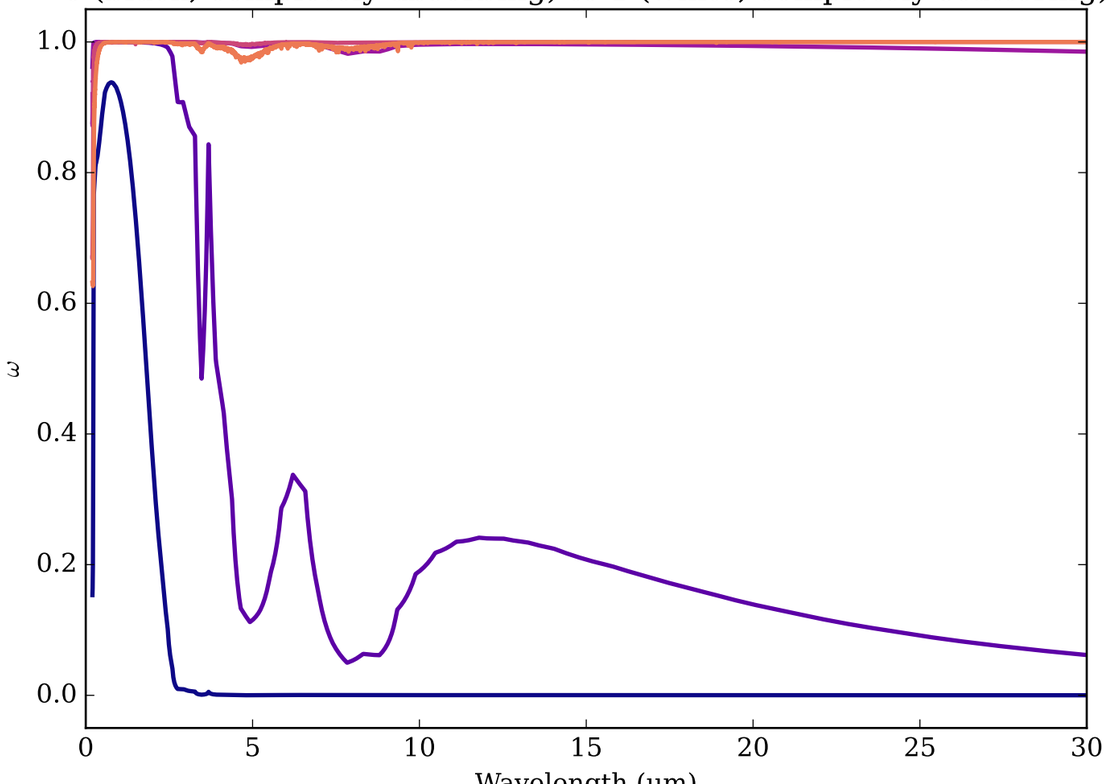


Hydrogentated_Diamond_fH025_N0_not_irradiated Effective Extinction Cross Section

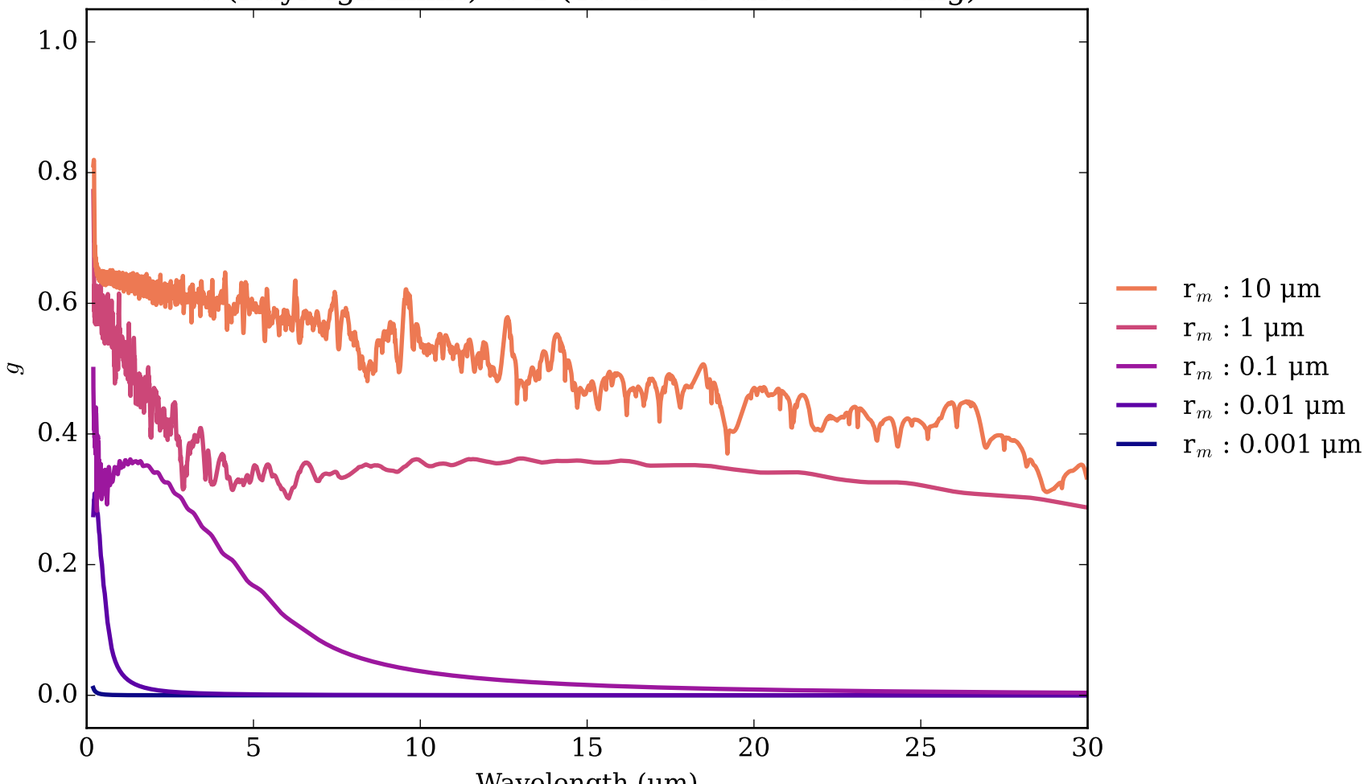
$\sigma_{\text{ext, eff}} = \sigma_{\text{abs, eff}} + \sigma_{\text{scat, eff}}$



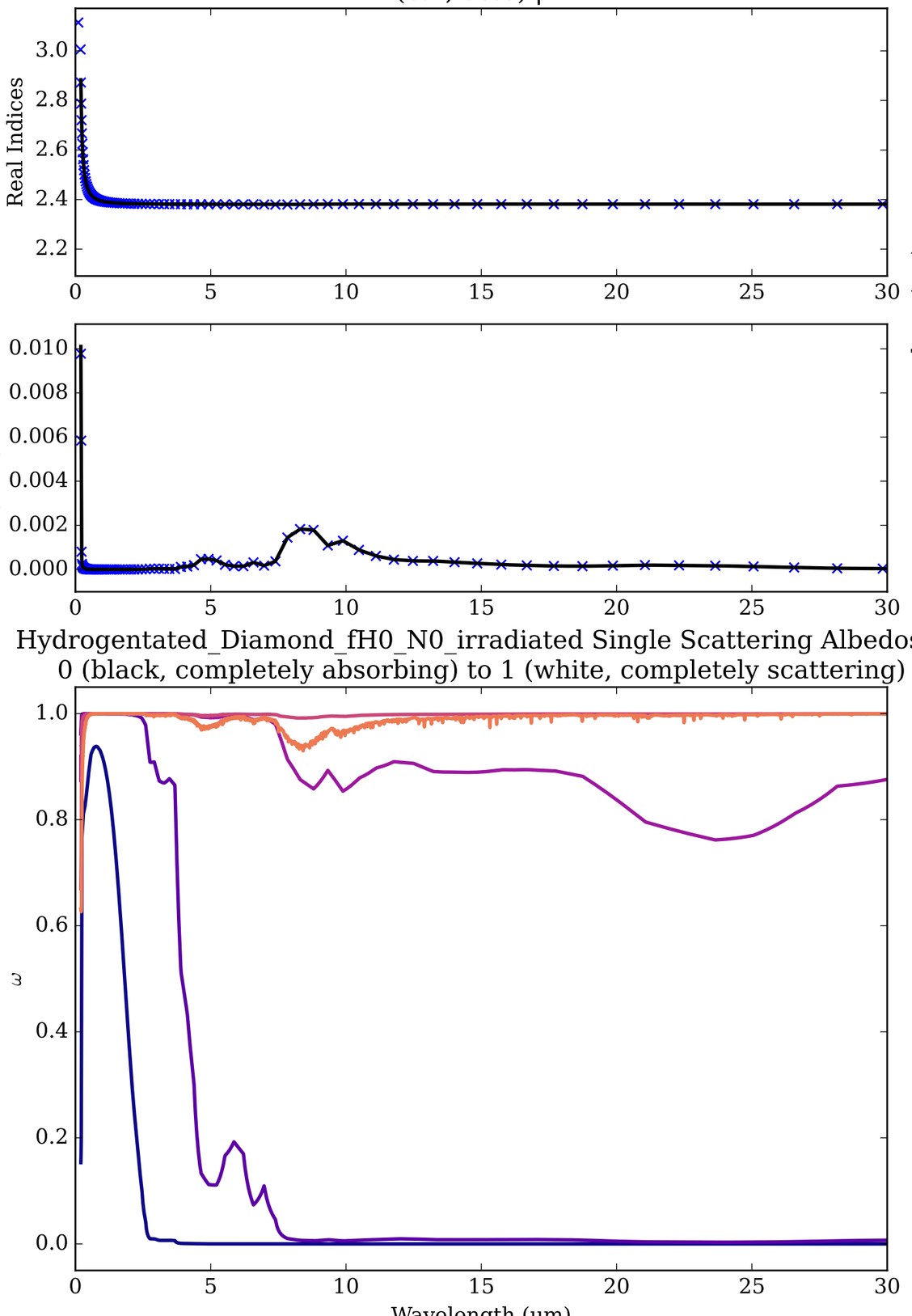
Hydrogentated_Diamond_fH025_N0_not_irradiated Single Scattering Albedo
0 (black, completely absorbing) to 1 (white, completely scattering)



Hydrogentated_Diamond_fH025_N0_not_irradiated Asymmetry Parameter g
0 (Rayleigh Limit) to 1 (Total Forward Scattering)

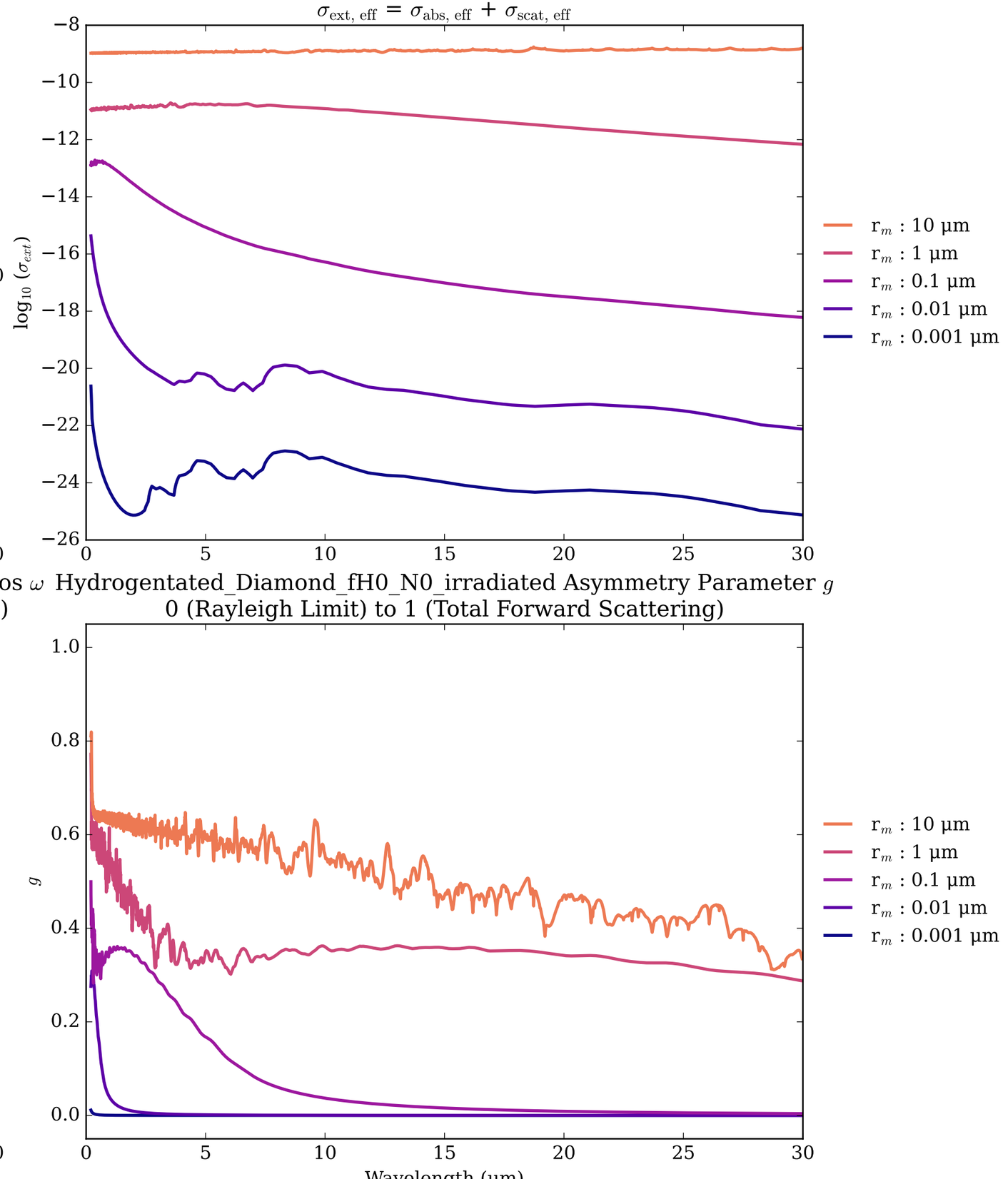


Refractive Indices for Hydrogentated
(0.2, 30.0) μm



Hydrogentated_Diamond_fH0_N0_irradiated Effective Extinction Cross Section

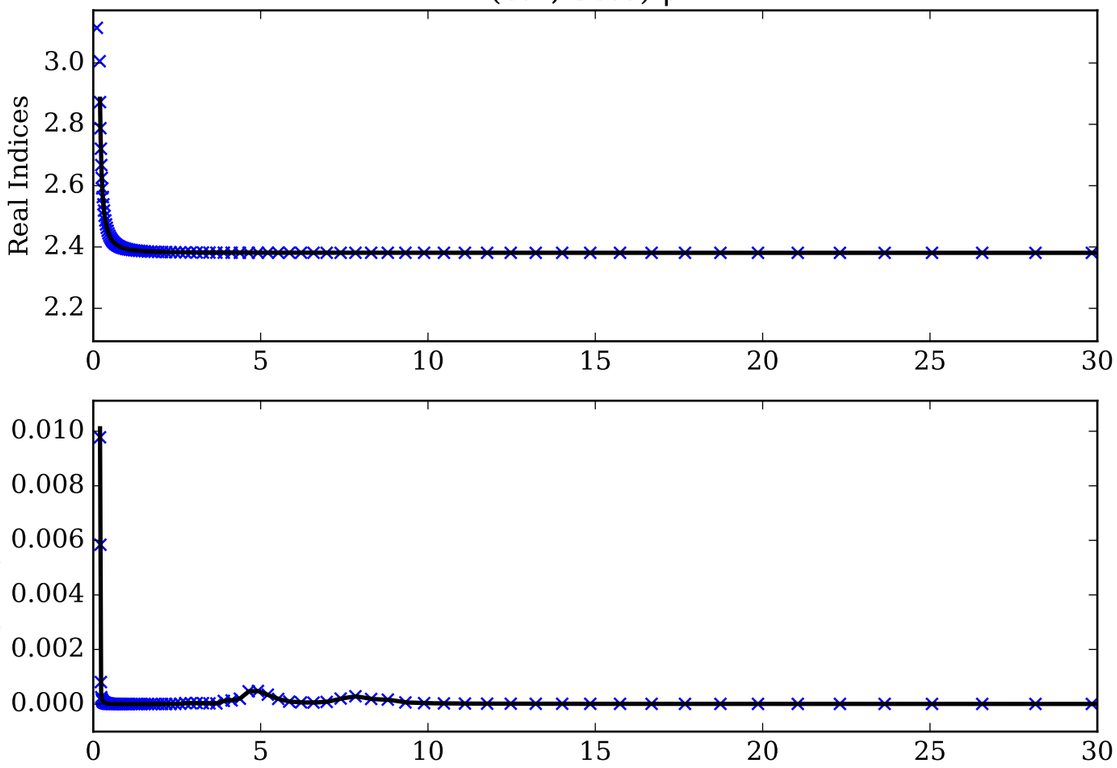
$\sigma_{\text{ext, eff}} = \sigma_{\text{abs, eff}} + \sigma_{\text{scat, eff}}$



Hydrogentated_Diamond_fH0_N0_irradiated Single Scattering Albedos ω
0 (black, completely absorbing) to 1 (white, completely scattering)

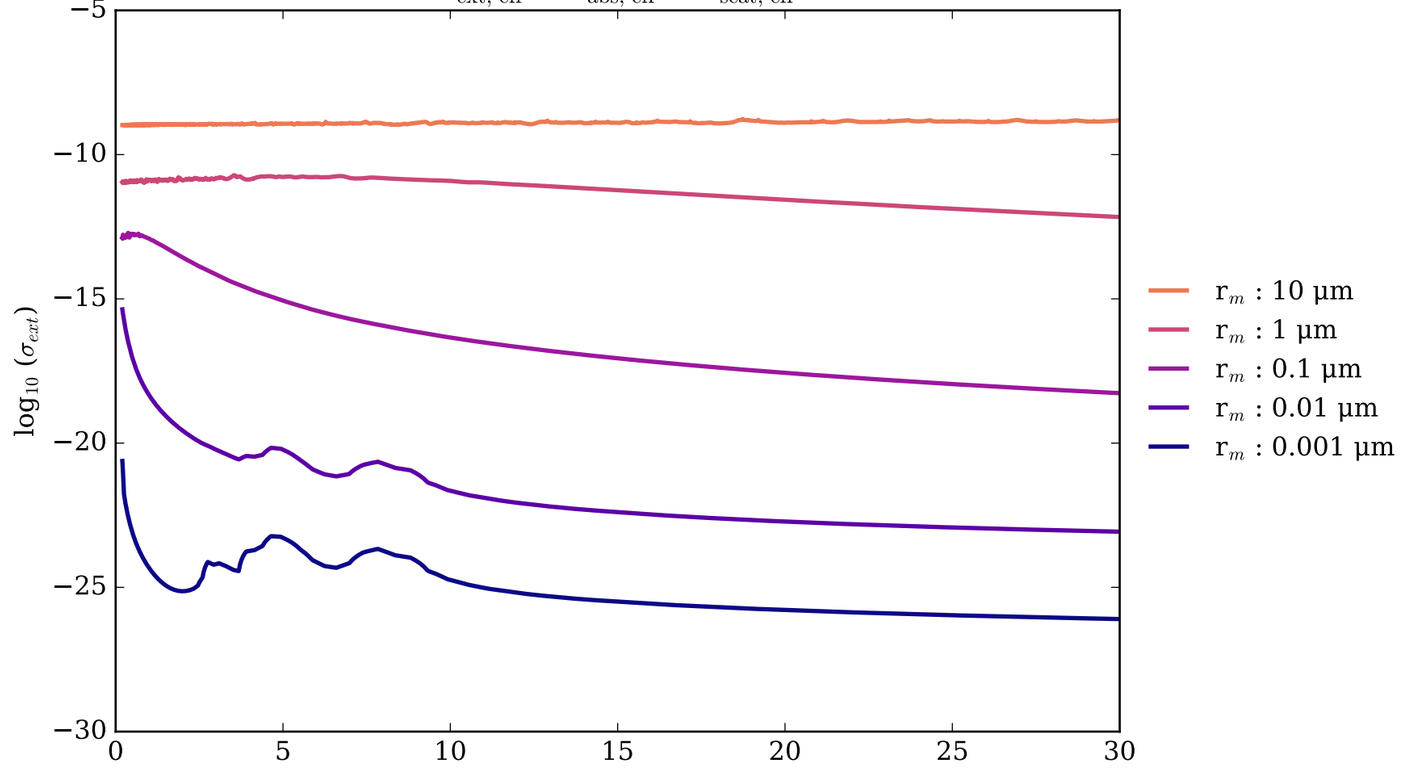
Hydrogentated_Diamond_fH0_N0_irradiated Asymmetry Parameter g
0 (Rayleigh Limit) to 1 (Total Forward Scattering)

Refractive Indices for Hydrogentated
(0.2, 30.0) µm

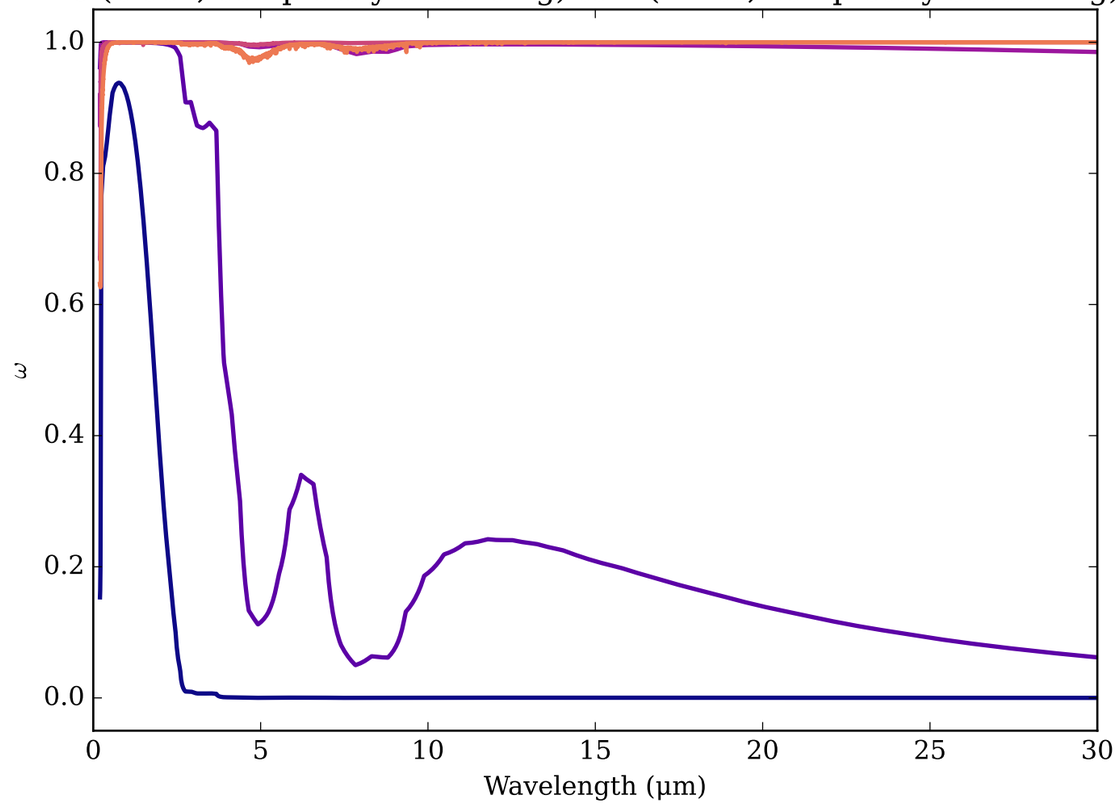


Hydrogentated_Diamond_fH0_N0_not_irradiated Effective Extinction Cross Section

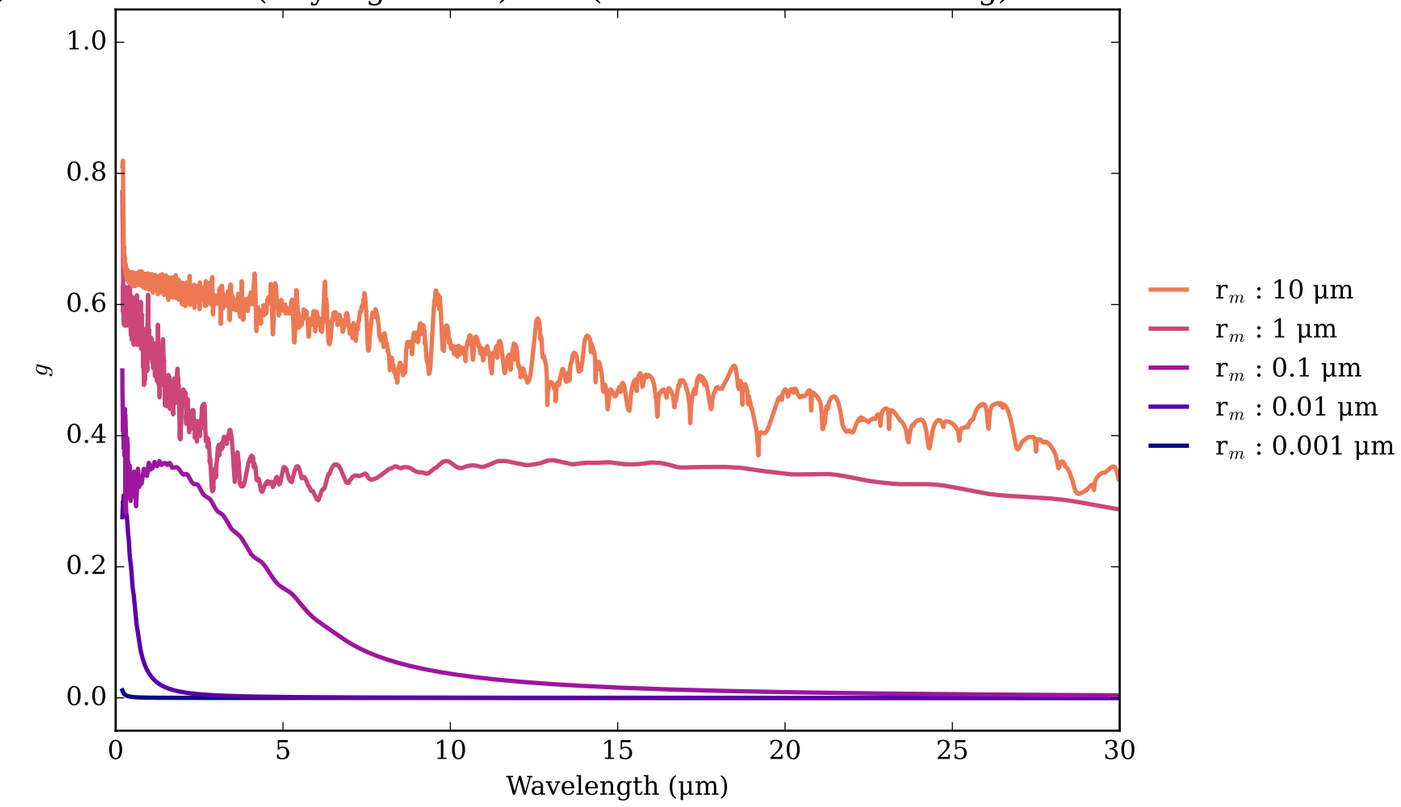
$\sigma_{\text{ext, eff}} = \sigma_{\text{abs, eff}} + \sigma_{\text{scat, eff}}$



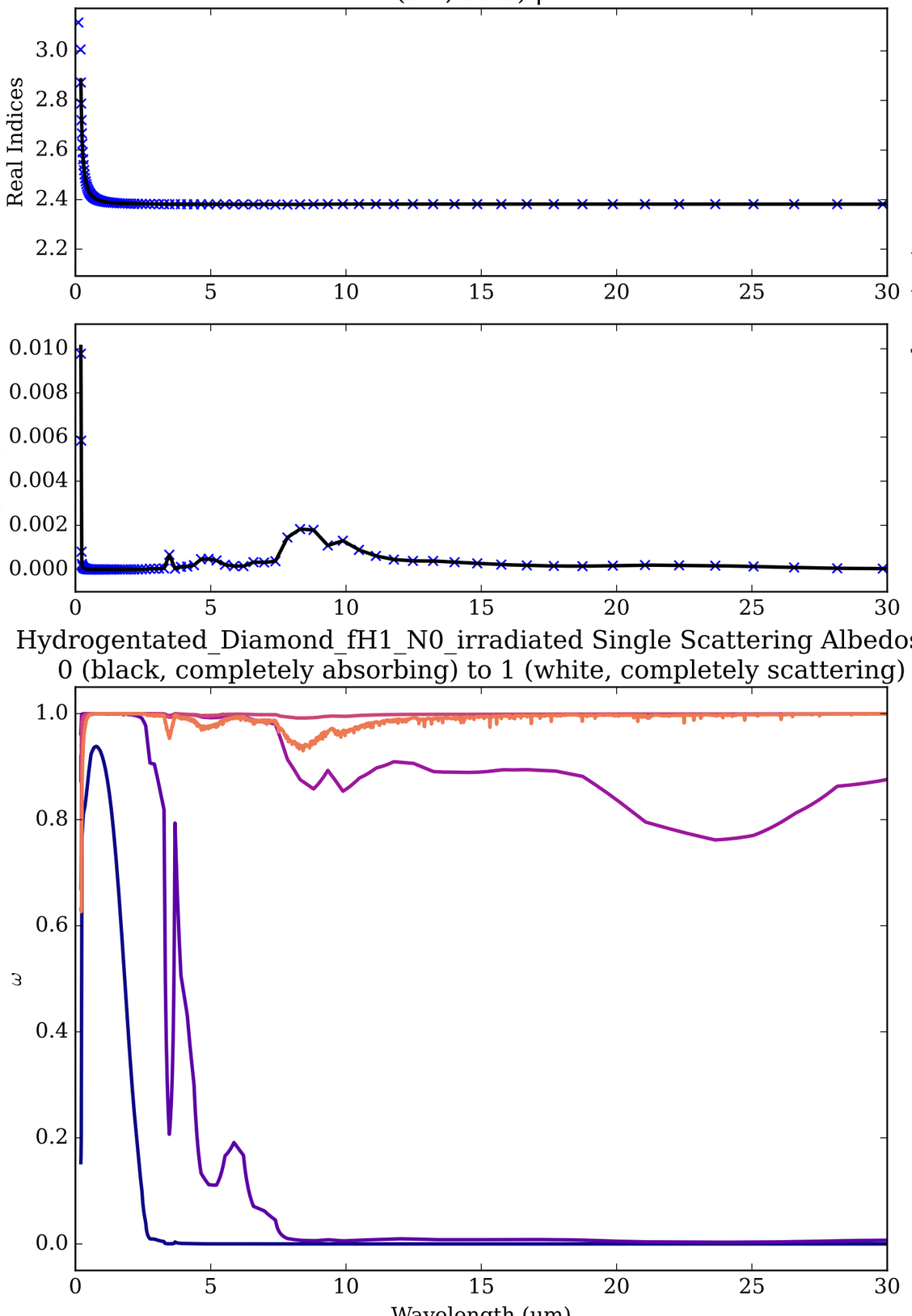
Hydrogentated_Diamond_fH0_N0_not_irradiated Single Scattering Albedo ω
0 (black, completely absorbing) to 1 (white, completely scattering)



Hydrogentated_Diamond_fH0_N0_not_irradiated Asymmetry Parameter g
0 (Rayleigh Limit) to 1 (Total Forward Scattering)

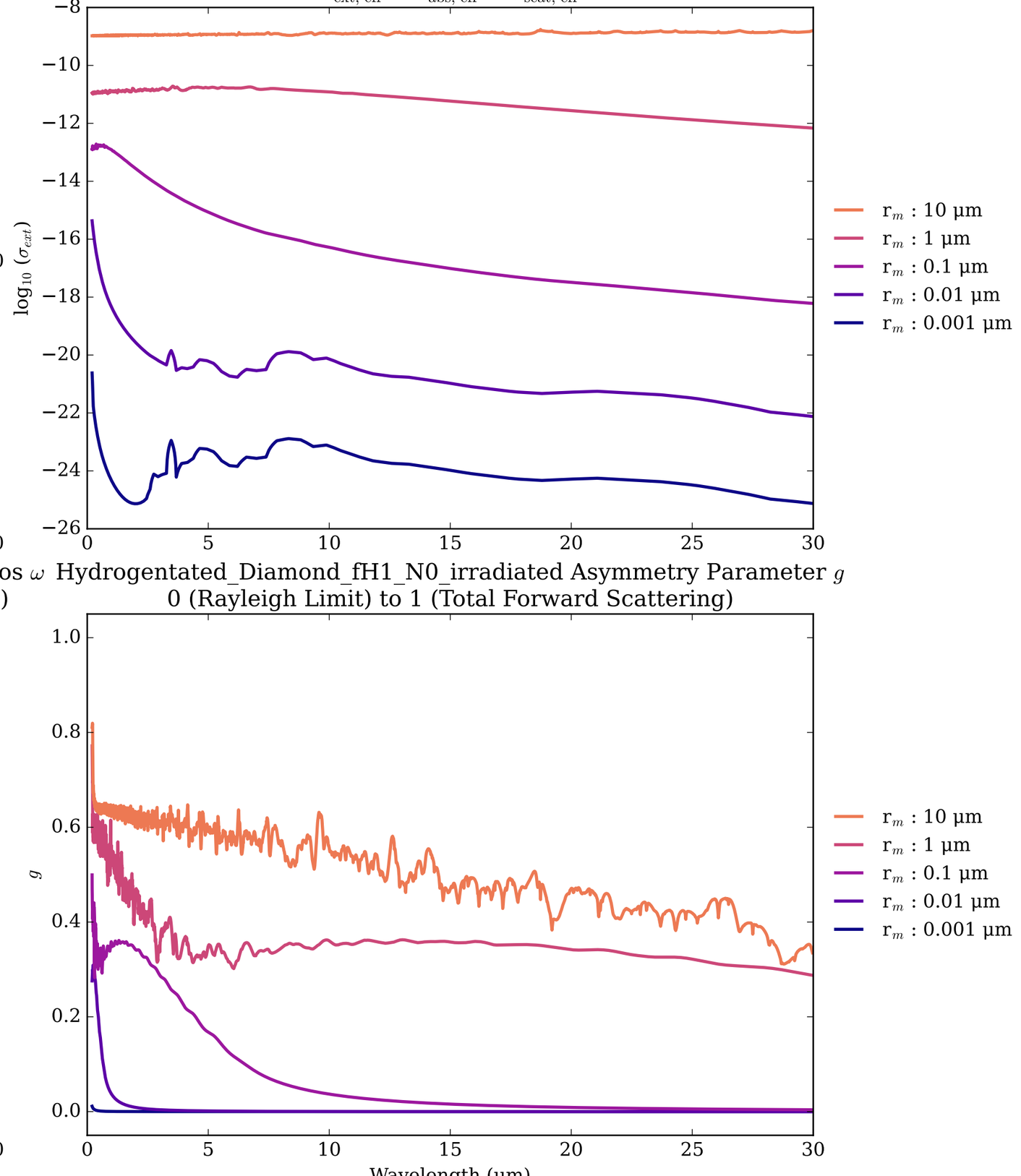


Refractive Indices for Hydrogentated
(0.2, 30.0) μm



Hydrogentated_Diamond_fH1_N0_irradiated Effective Extinction Cross Section

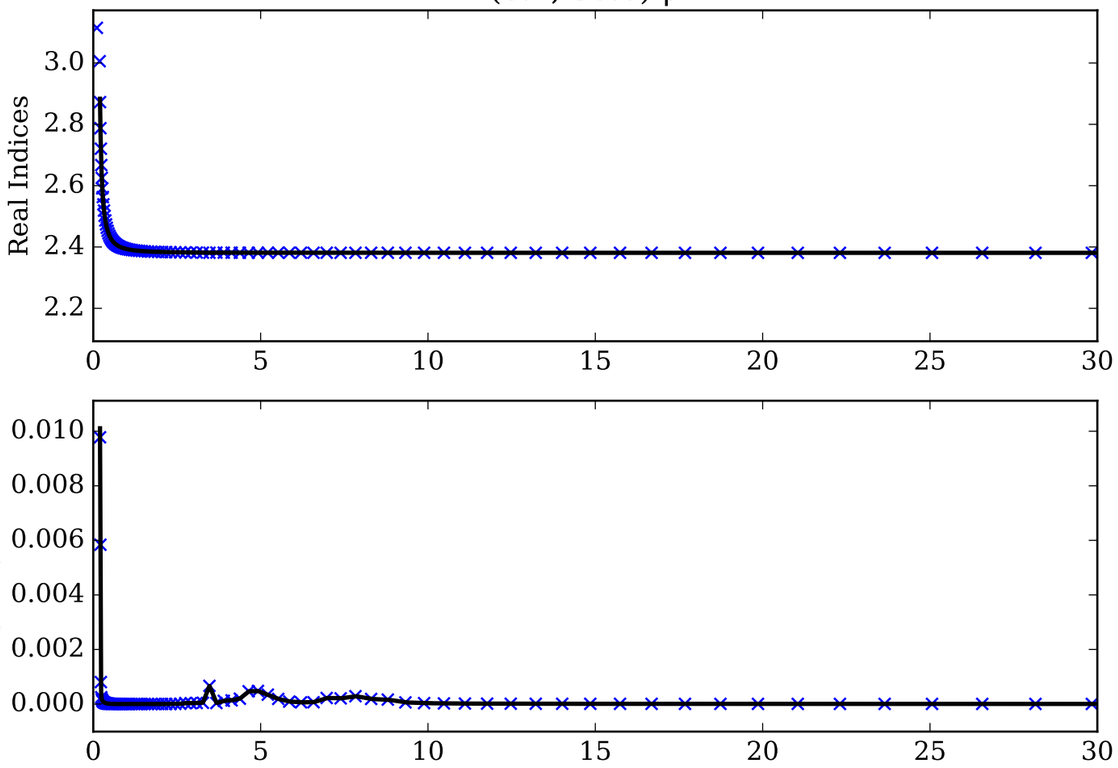
$\sigma_{\text{ext, eff}} = \sigma_{\text{abs, eff}} + \sigma_{\text{scat, eff}}$



Hydrogentated_Diamond_fH1_N0_irradiated Single Scattering Albedos ω
0 (black, completely absorbing) to 1 (white, completely scattering)

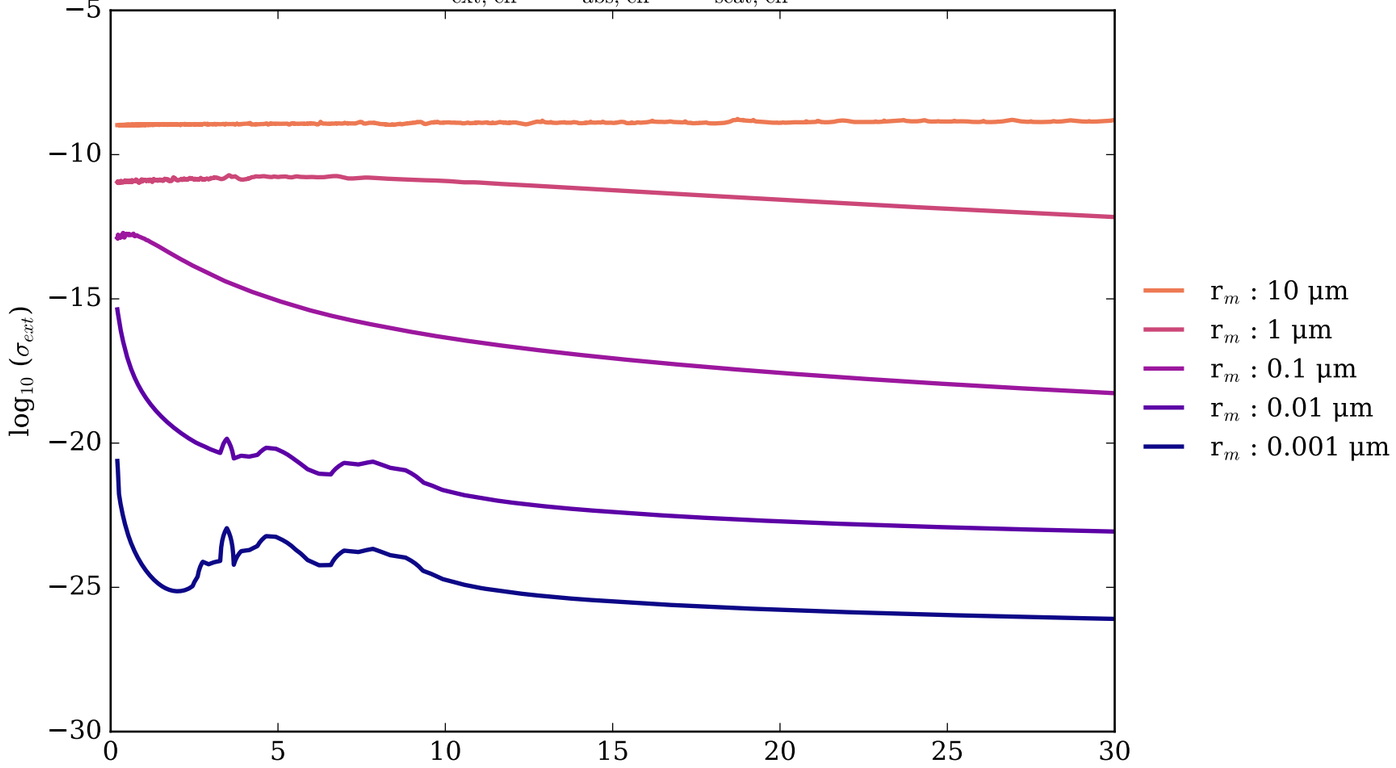
Hydrogentated_Diamond_fH1_N0_irradiated Asymmetry Parameter g
0 (Rayleigh Limit) to 1 (Total Forward Scattering)

Refractive Indices for Hydrogentated
(0.2, 30.0) μm

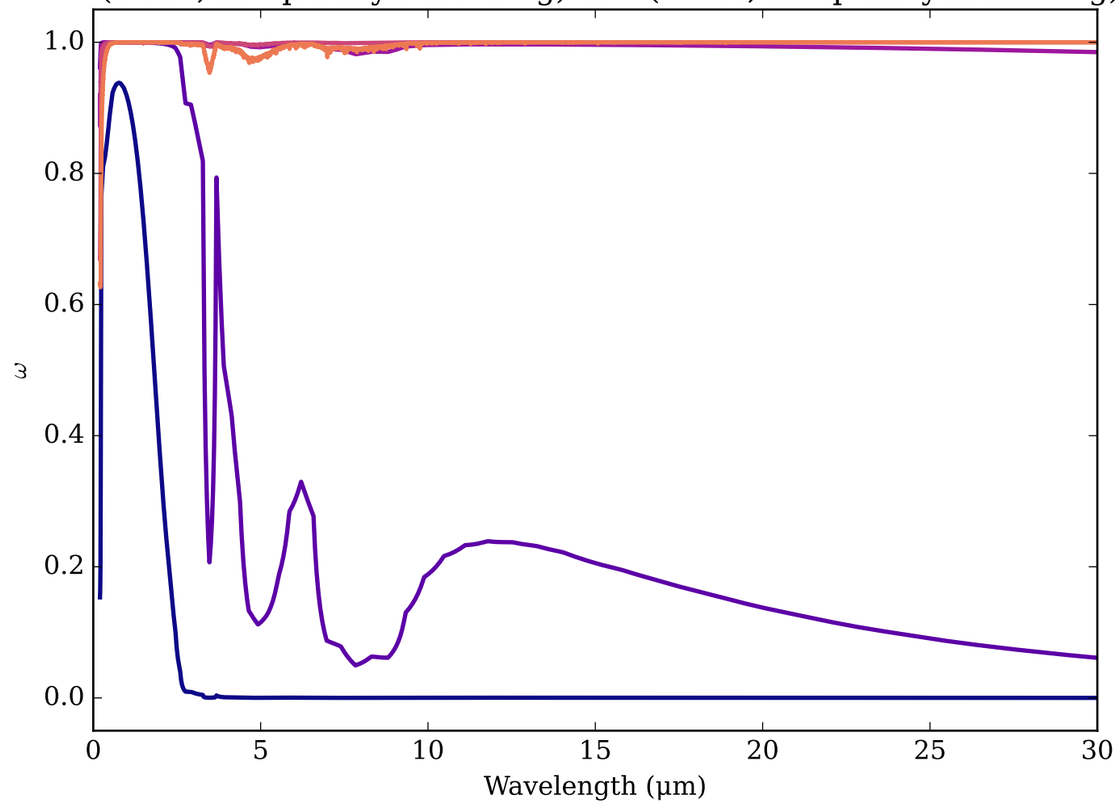


Hydrogentated_Diamond_fH1_N0_not_irradiated Effective Extinction Cross Section

$\sigma_{\text{ext, eff}} = \sigma_{\text{abs, eff}} + \sigma_{\text{scat, eff}}$



Hydrogentated_Diamond_fH1_N0_not_irradiated Single Scattering Albedo ω
0 (black, completely absorbing) to 1 (white, completely scattering)



Hydrogentated_Diamond_fH1_N0_not_irradiated Asymmetry Parameter g
0 (Rayleigh Limit) to 1 (Total Forward Scattering)