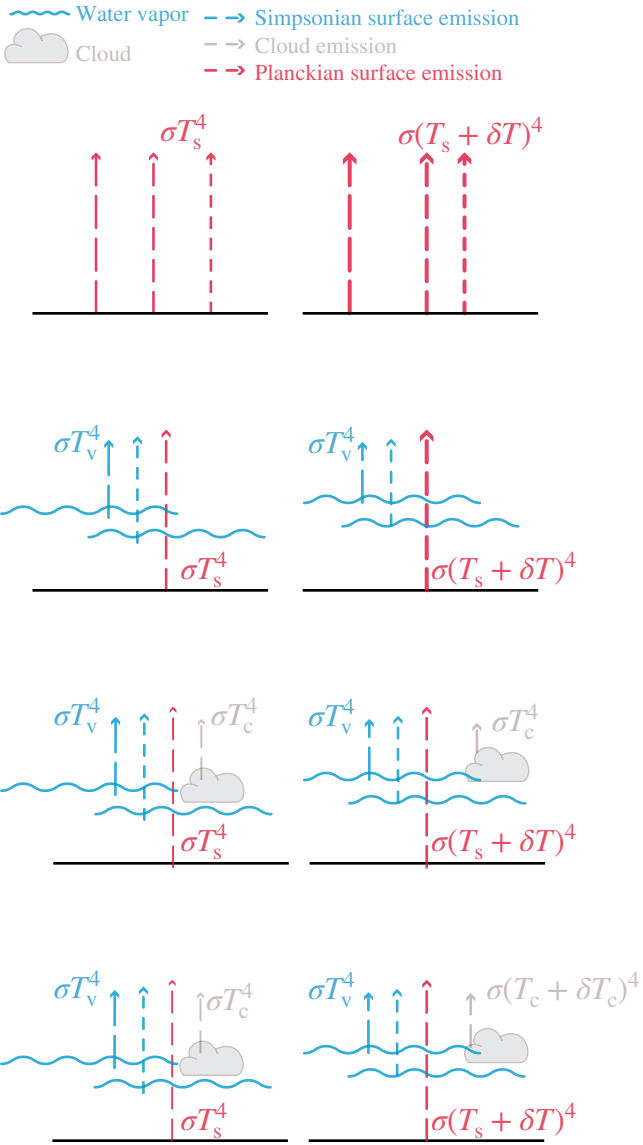

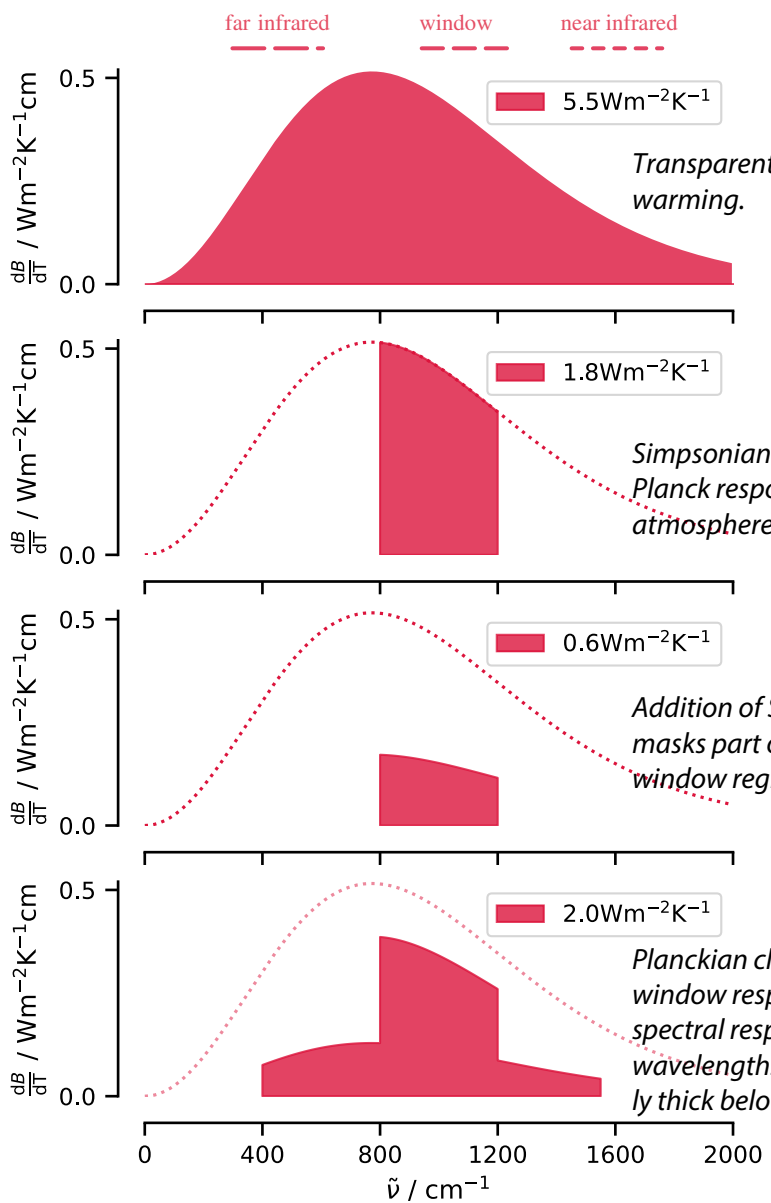

Transparent atmosphere: Planck response to warming.

Simpsonian atmosphere: water vapor masks Planck response at wavenumbers where the atmosphere is optically thick.

Addition of Simpsonian clouds additionally masks part of the response to warming in window region (in proportion to cloud fraction).

Planckian clouds restore some of masked window response, and unmask part of the spectral response from Simpsonian vapor at wavelengths where the vapor becomes optically thick below the clouds.