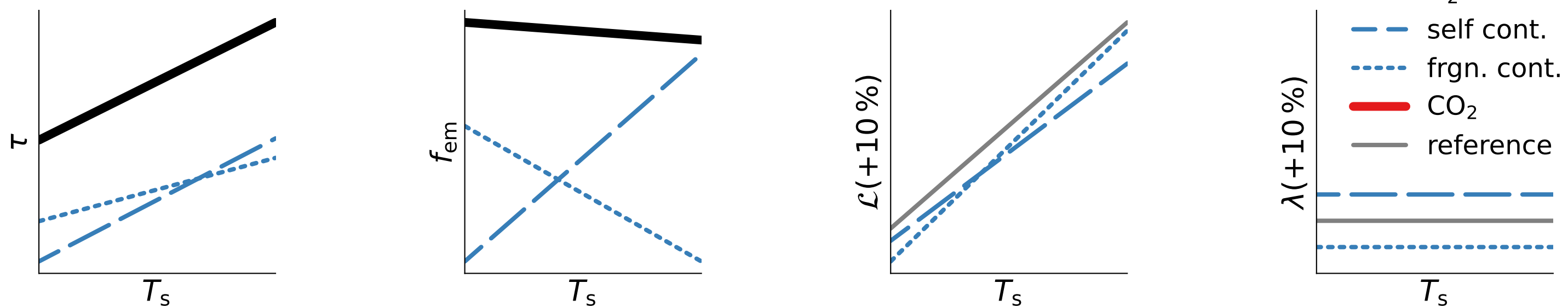
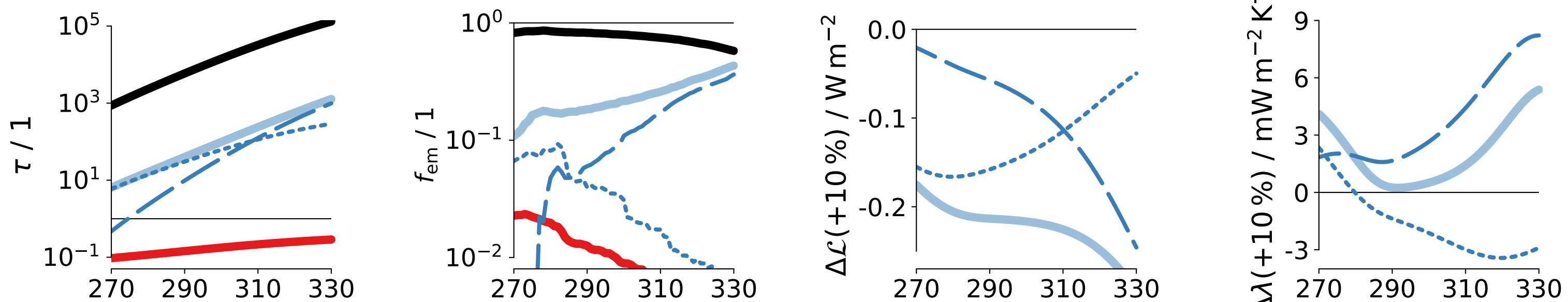


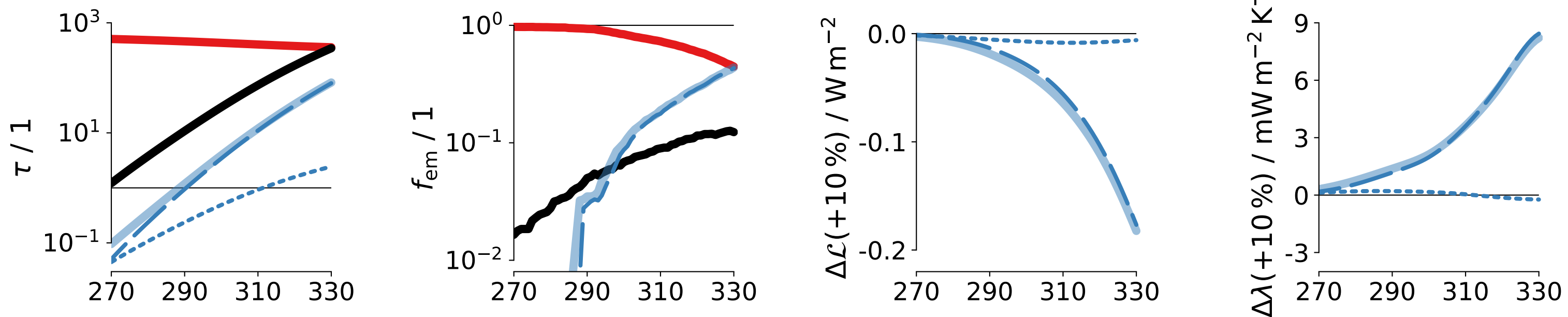
# **a** sketch of FIR



# **b** FIR (200 $\text{cm}^{-1}$ to 600 $\text{cm}^{-1}$ )



# **c** $\text{CO}_2$ (600 $\text{cm}^{-1}$ to 750 $\text{cm}^{-1}$ )



# **d** window (750 $\text{cm}^{-1}$ to 1250 $\text{cm}^{-1}$ )

