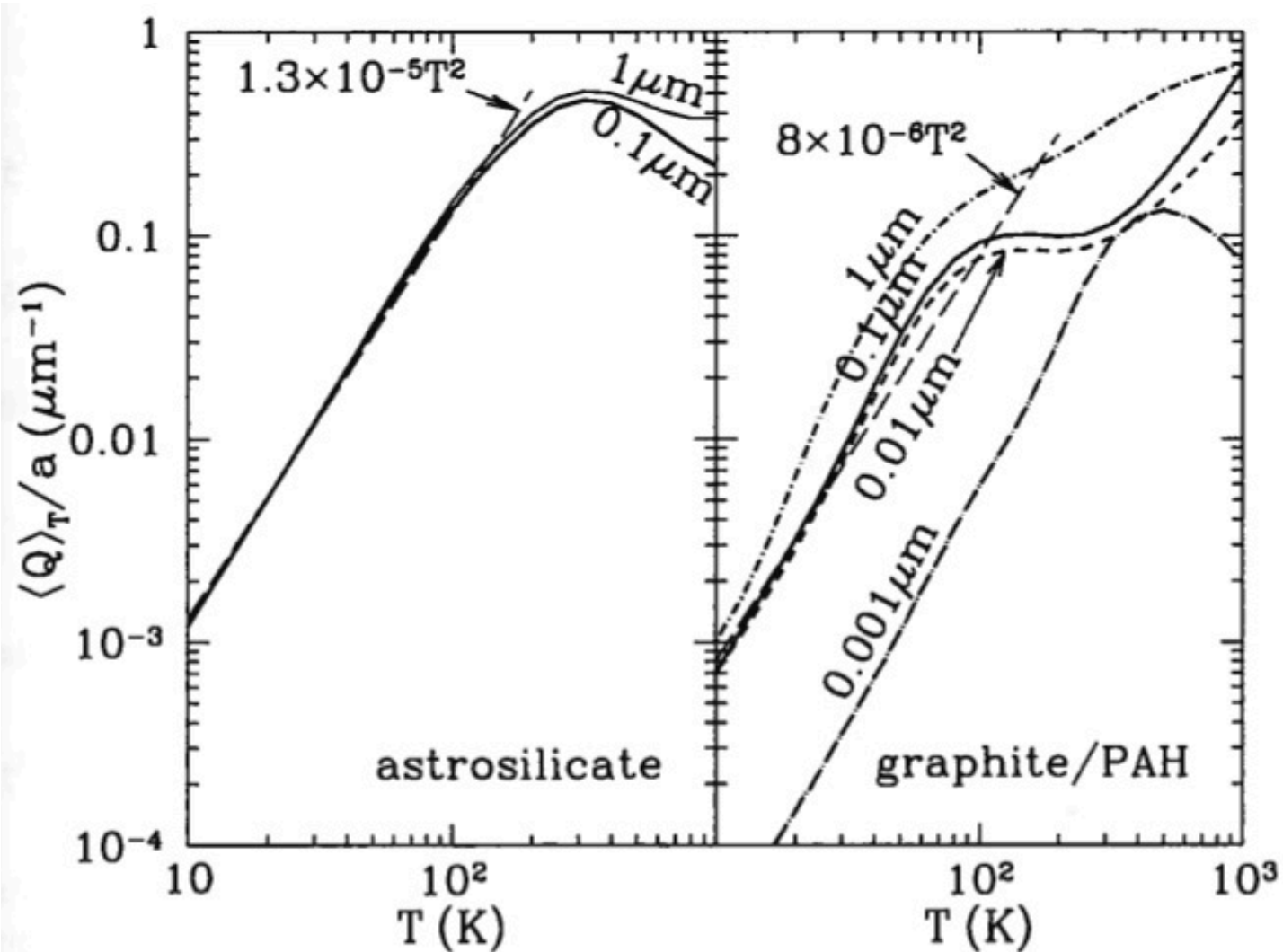
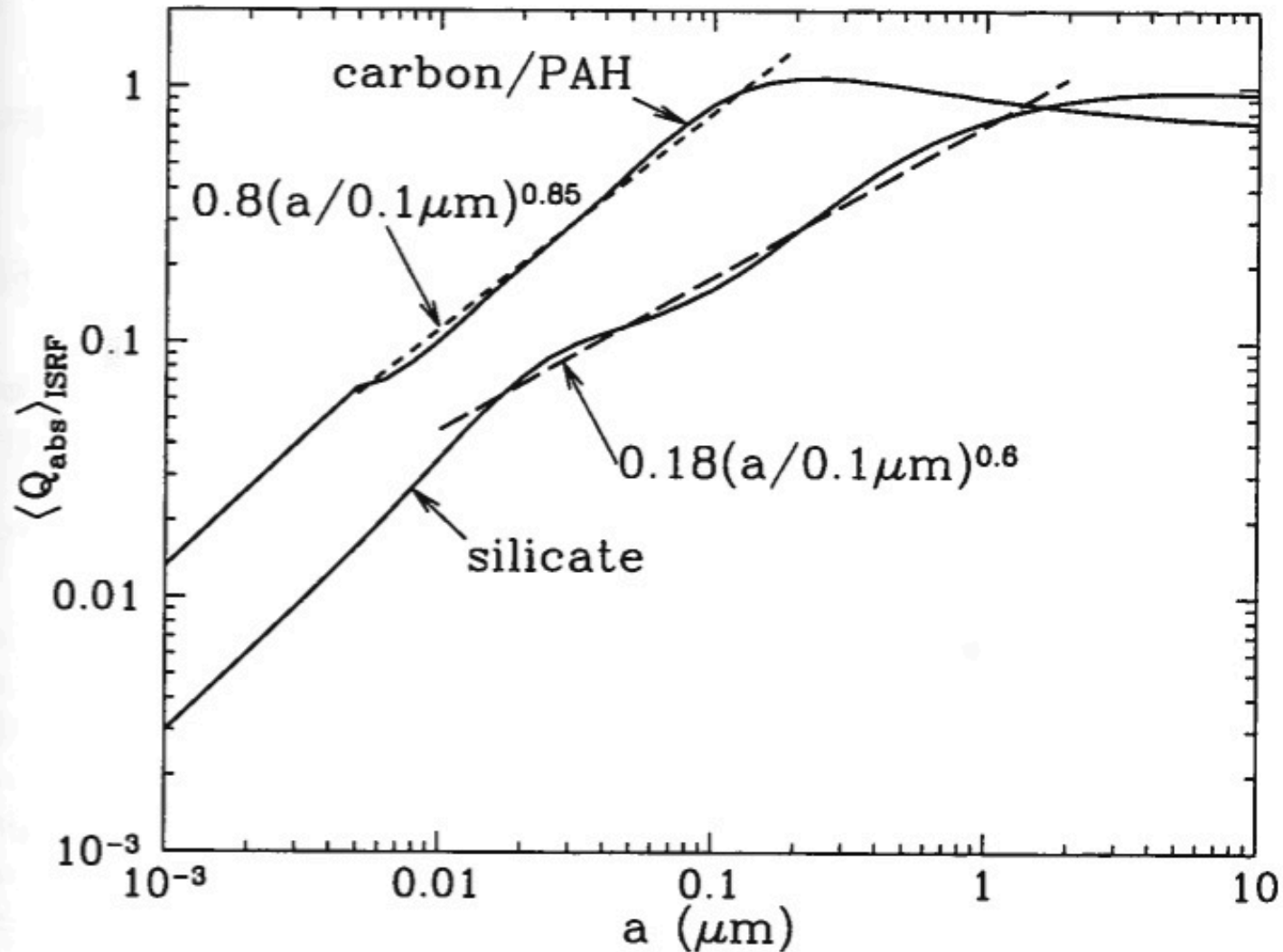


# Planck averaged Emission Efficiency



**Figure 24.3** Planck-averaged absorption efficiency divided by grain radius as a function of grain temperature  $T$  for spheres of amorphous silicate (left) and graphite/PAH (right).

# Absorption Coefficient averaged over ISRF



**Figure 24.2** Absorption efficiency  $\langle Q_{\text{abs}} \rangle_{\text{ISRF}}$  averaged over the ISRF spectrum of Mathis et al. (1983) for spheres of amorphous silicate and aromatic carbonaceous material (graphite/PAH), as a function of radius  $a$ .