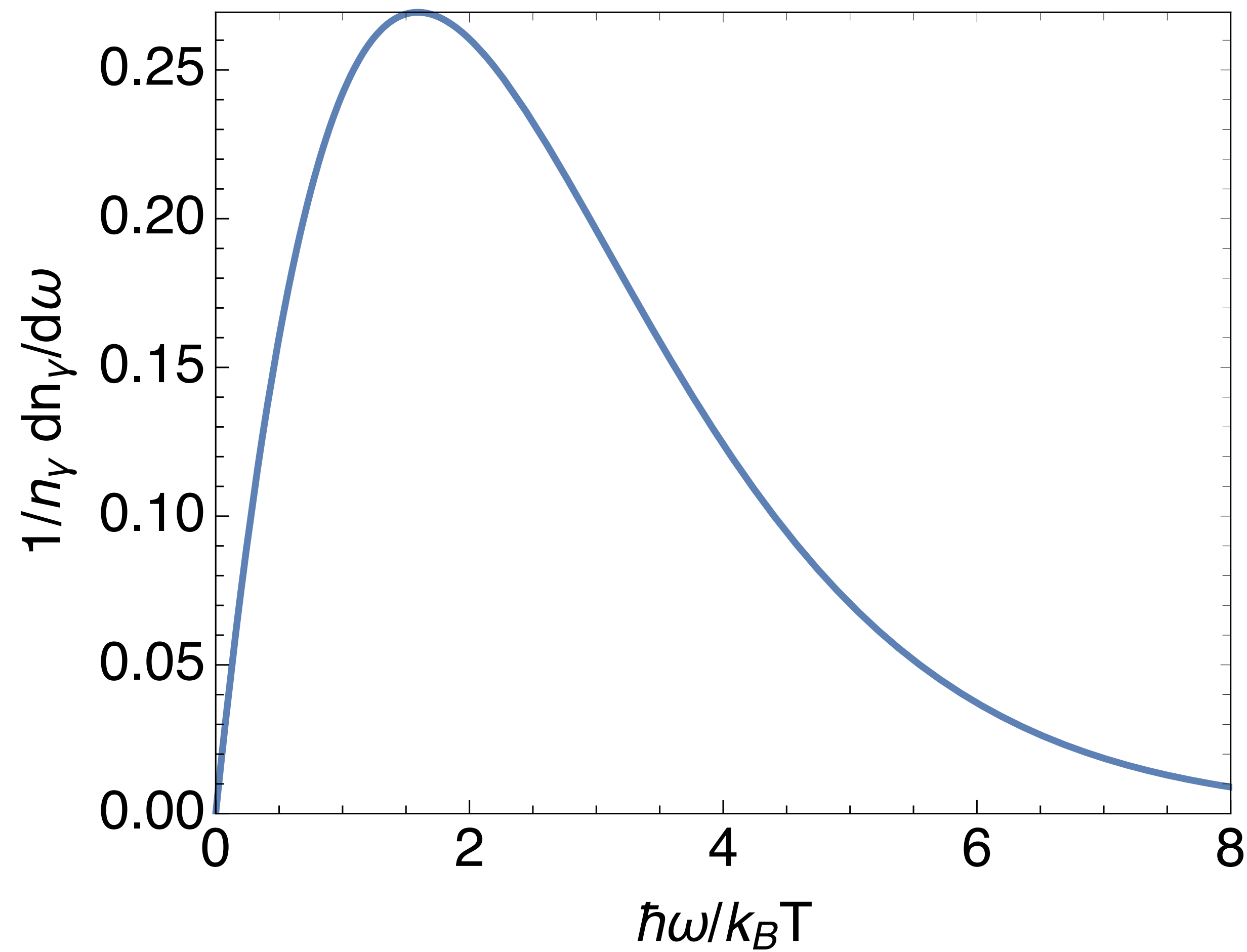
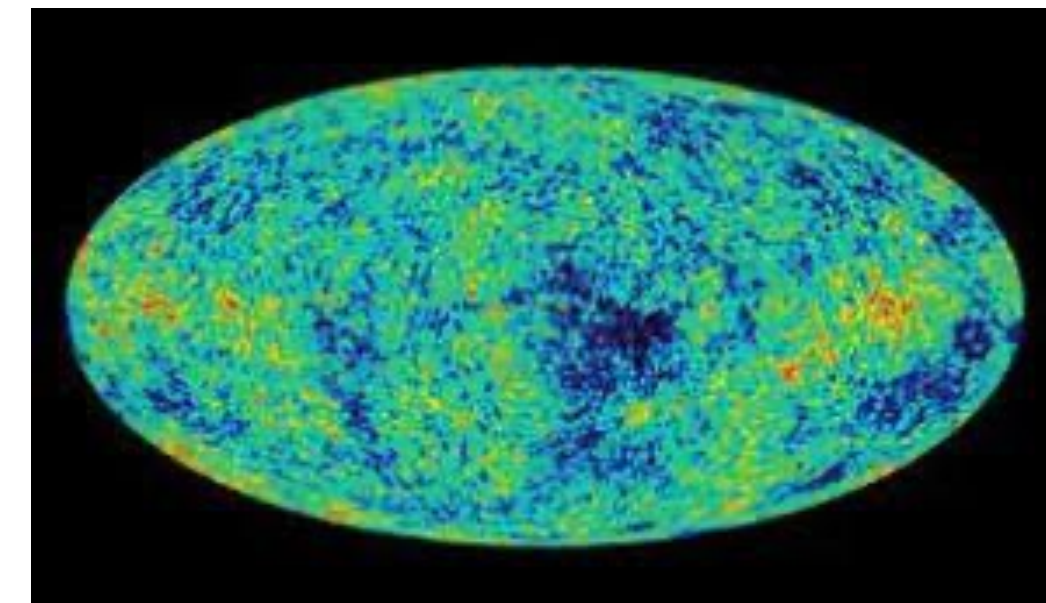
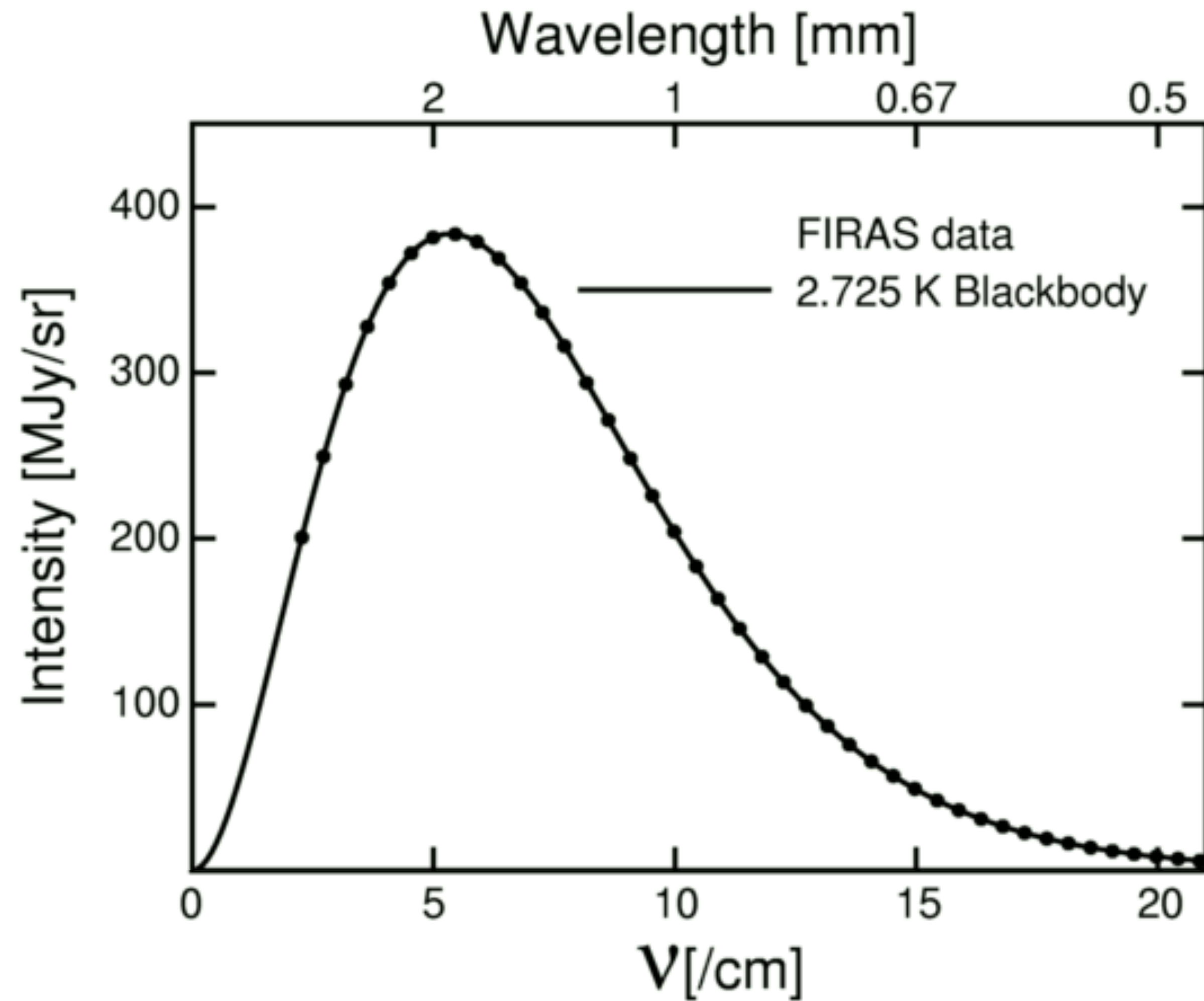


Photon Spectrum



$$\frac{dn_\gamma}{d\omega} \propto \frac{\omega^2}{e^{\hbar\omega/k_B T} - 1}$$

The cosmic microwave background



The intensity is proportional to :

$$I \propto \frac{\nu^3}{e^{h\nu/k_B T} - 1}$$

The frequency is ν and $h\nu = \hbar\omega$