



Figure 5.6: Attenuation of the solar spectrum during collection and pixelation by a spectrophotometer.

Intensity $I(\lambda)$ is gathered by the collection optics of the instrument and directed to the entrance slit of the spectrophotometer. Changes to the shape of the intensity spectrum are introduced by the collection optics and the limited resolution of the spectrometer itself, giving altered continuous intensity spectrum $I(\lambda)^*$, as in Figure 5.6b. How the instrument