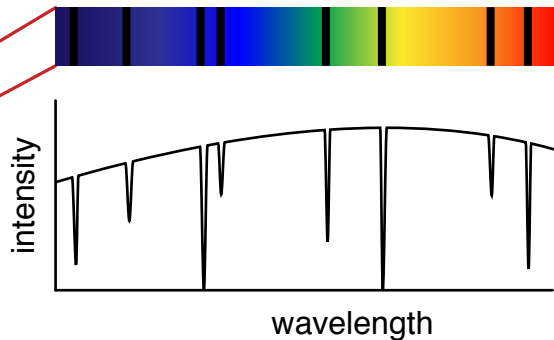
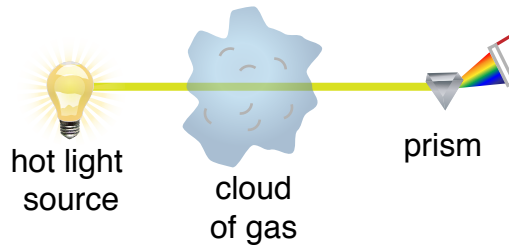


when light from the hot source passes through cooler gas, the atoms in the gas absorb light at specific wavelengths.



dark absorption lines where the cloud has absorbed specific wavelengths.

a dip in intensity at the wavelength of each absorption line.

absorption spectrum