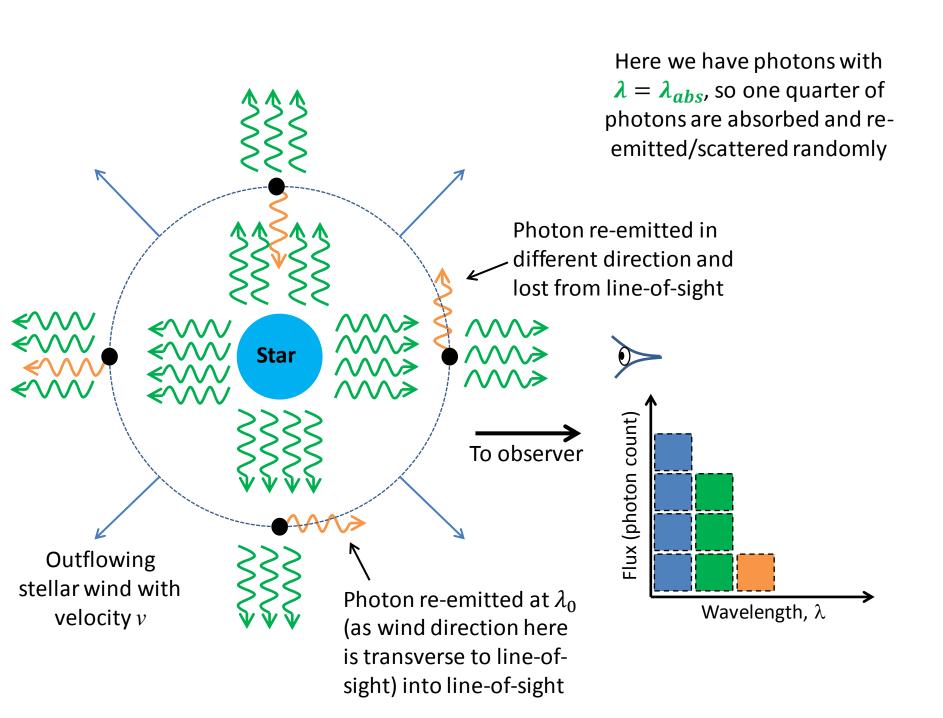
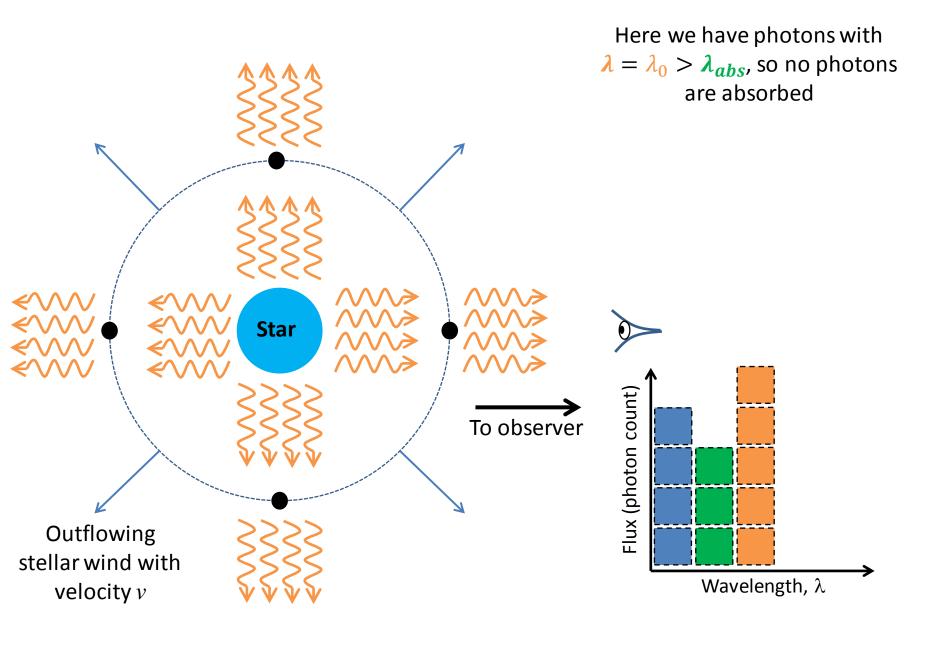
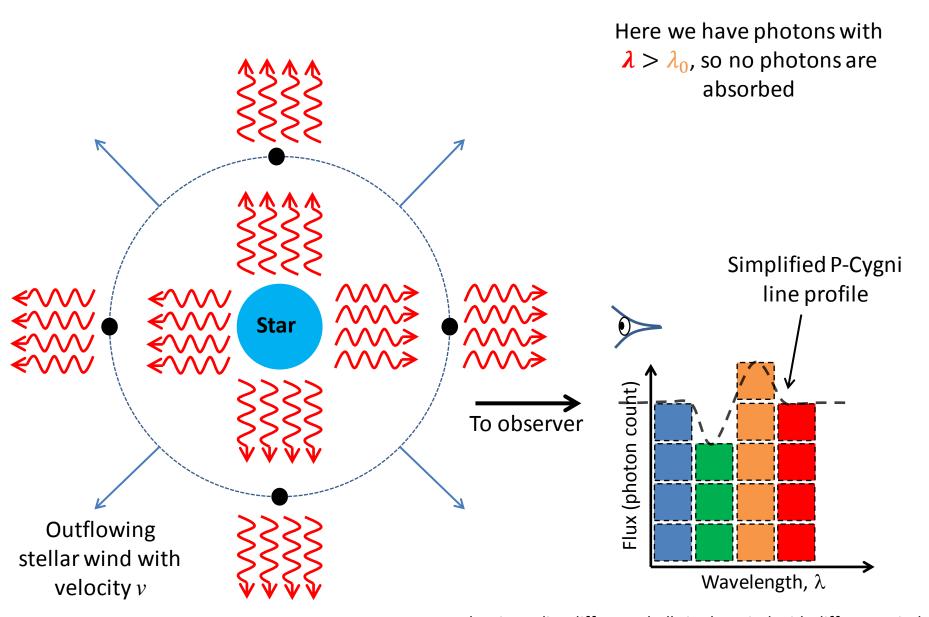


^{*}The probability for absorption and emission are really set by the Einstein coefficients of the transition, and will be much smaller than 25%

^{**}Re-emission will actually be isotropic







Note that in reality different shells in the wind with different wind velocities, and the turbulent nature of the wind, will lead to Doppler broadening of the absorption and emission line profiles.