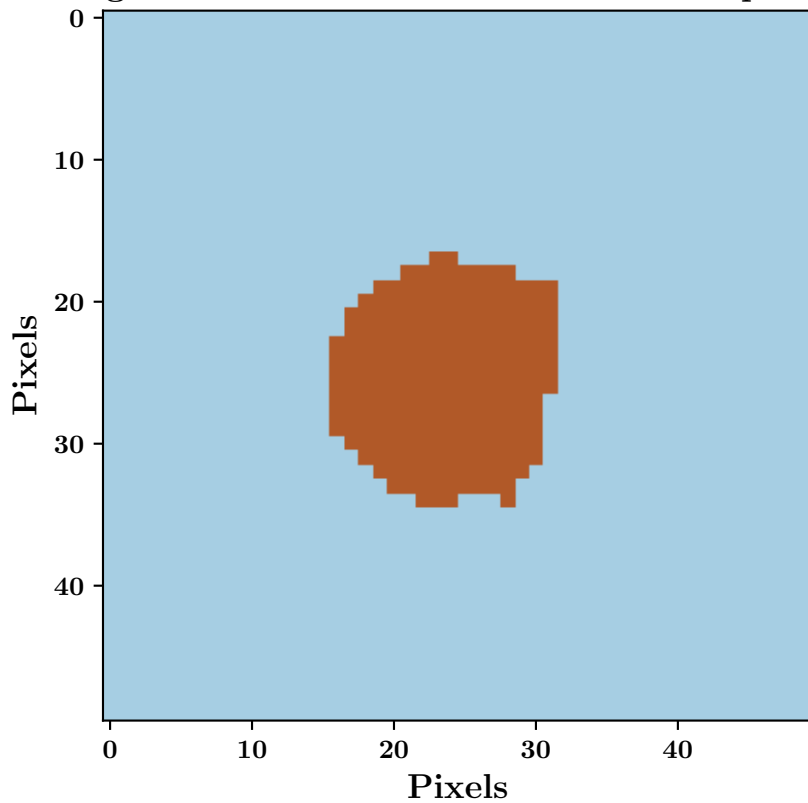
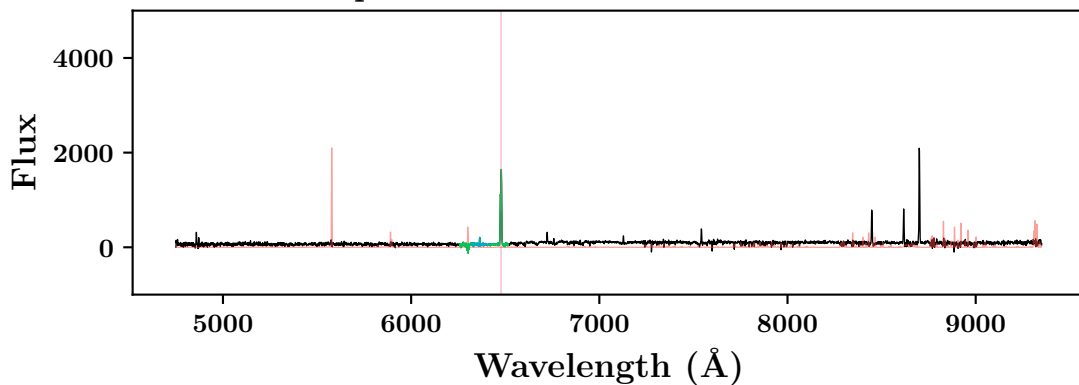


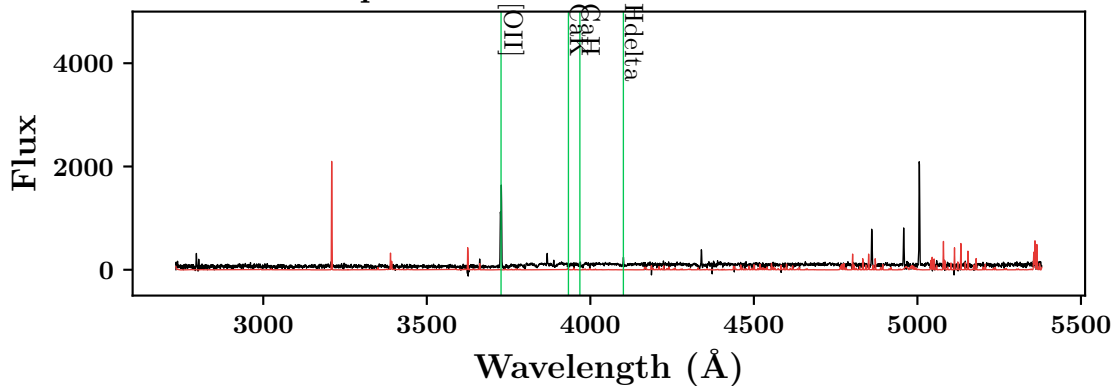
Segmentation area used to extract 1D spectra



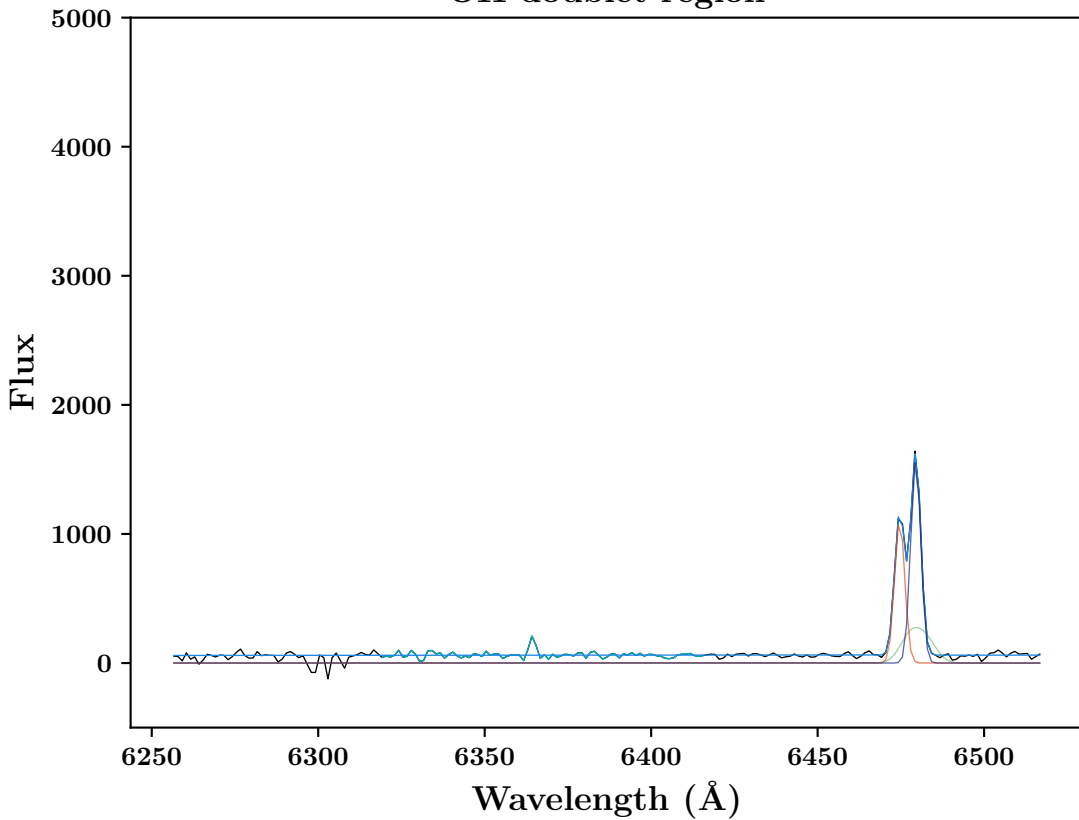
Spectra: cross-section redshifted



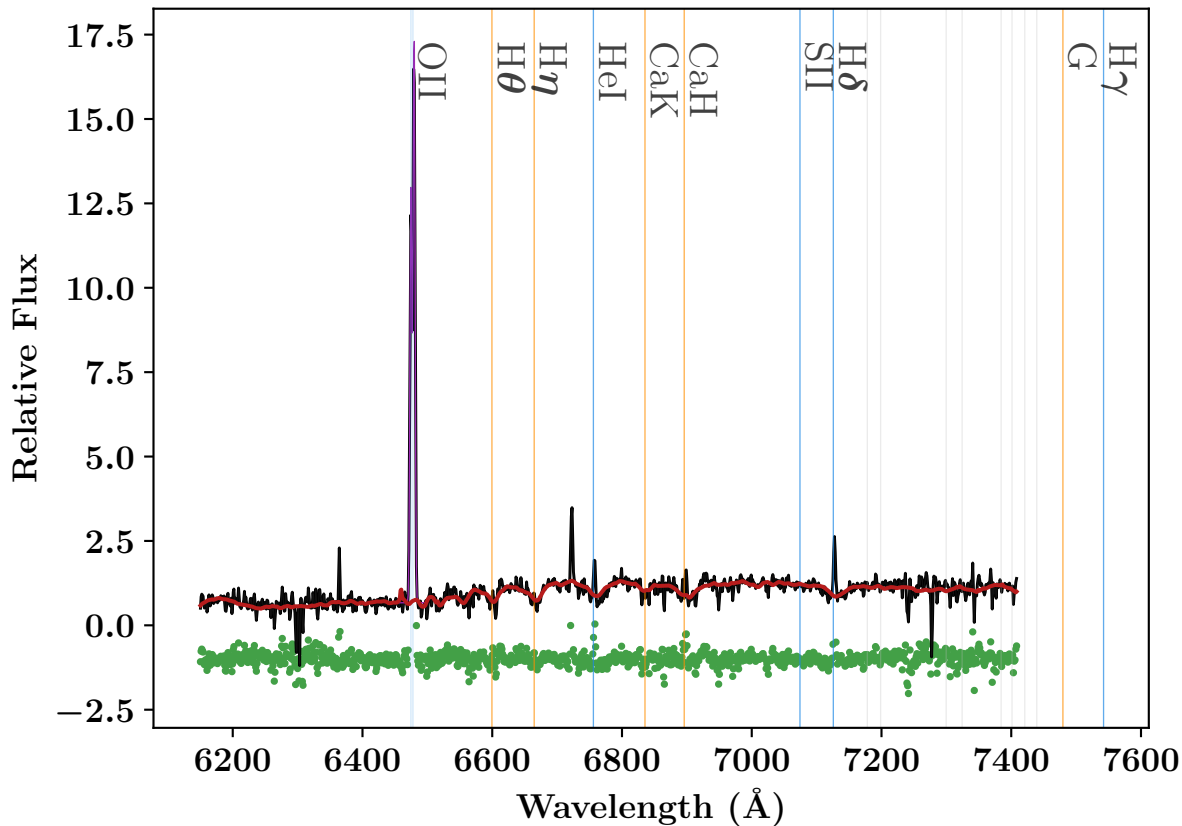
Spectra: cross-section corrected



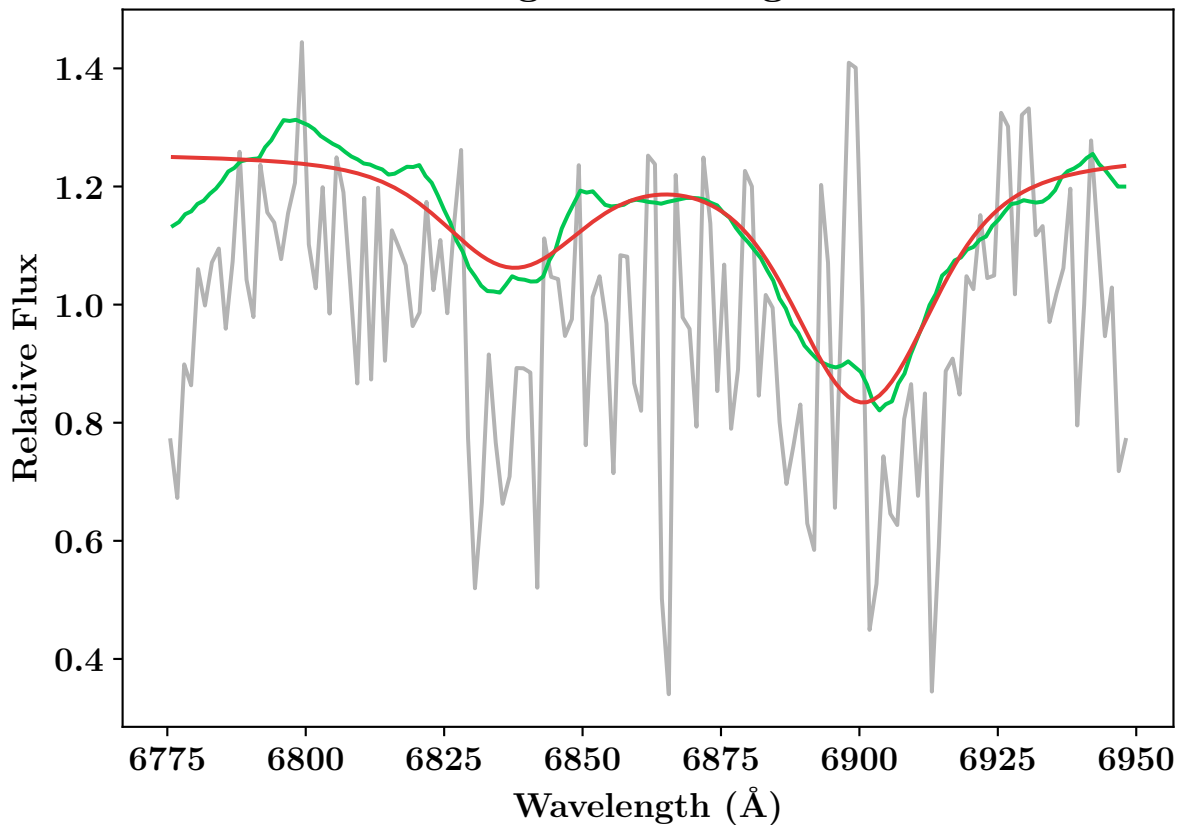
OII doublet region



Spectra with pPXF overlayed



Voigt Fitted Region



Variables and numbers for cube 554

HST V-band magnitude: 23.4013

S/N from spectra: 6.850022423022595

OII sigma lmfit: 199.59221650891365

OII sigma pPXF: 0.5589065735277574

Voigt sigma lmfit: 35.57396240018807

Voigt sigma pPXF: 23.942081559588377