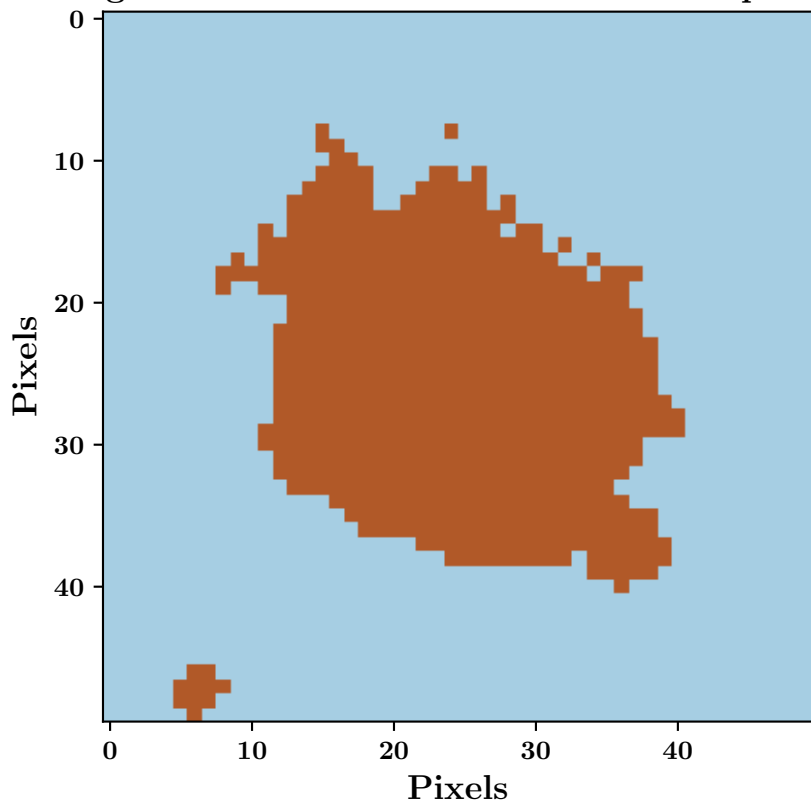
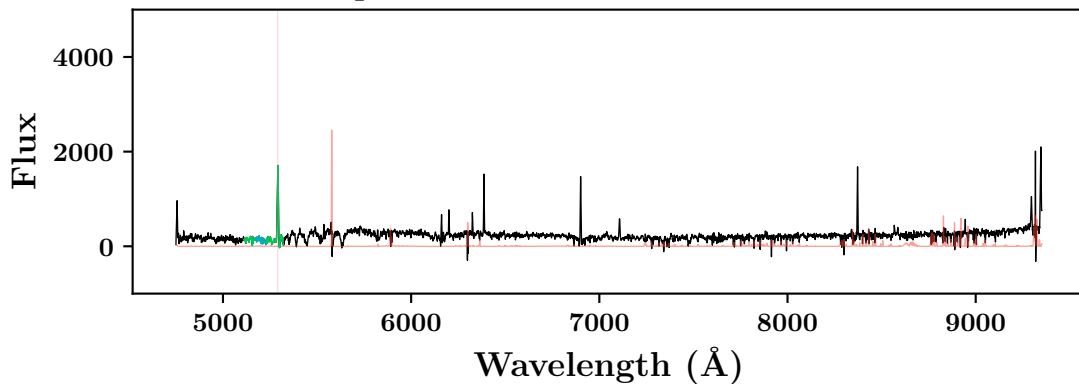


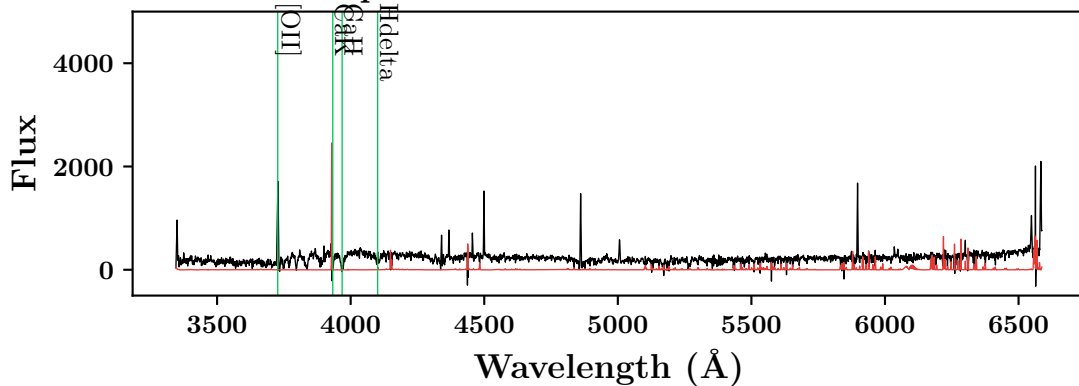
Segmentation area used to extract 1D spectra



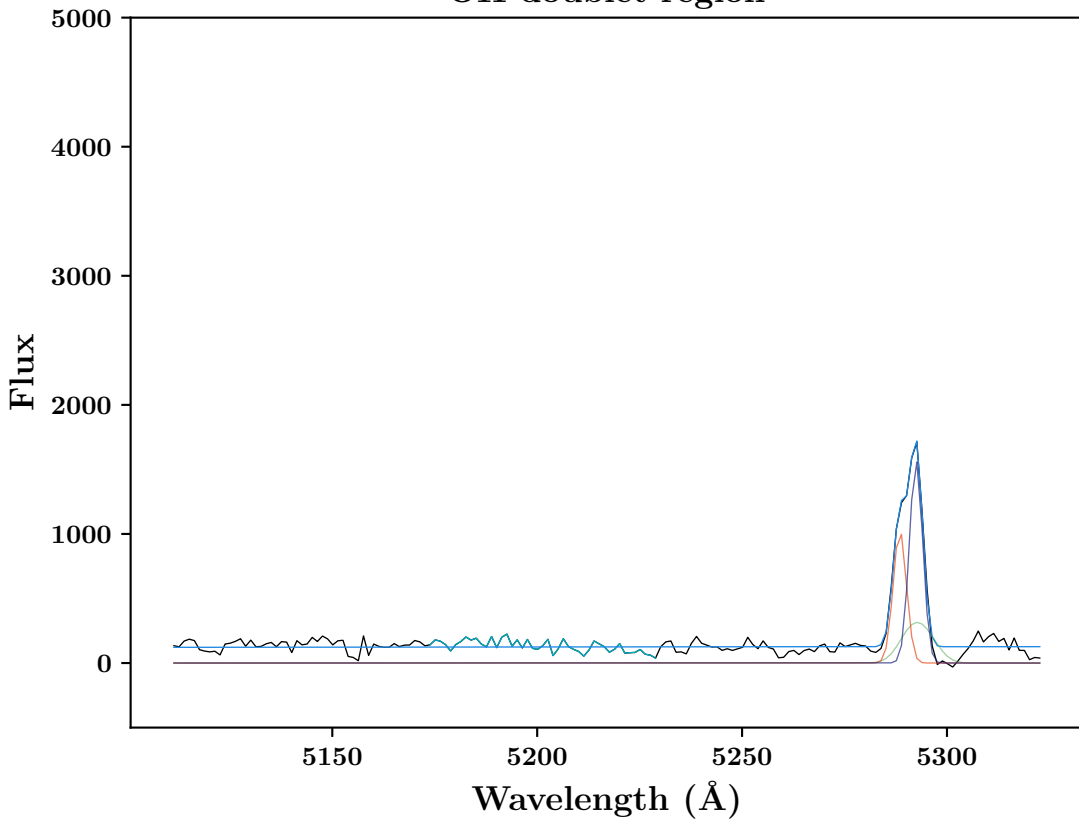
Spectra: cross-section redshifted



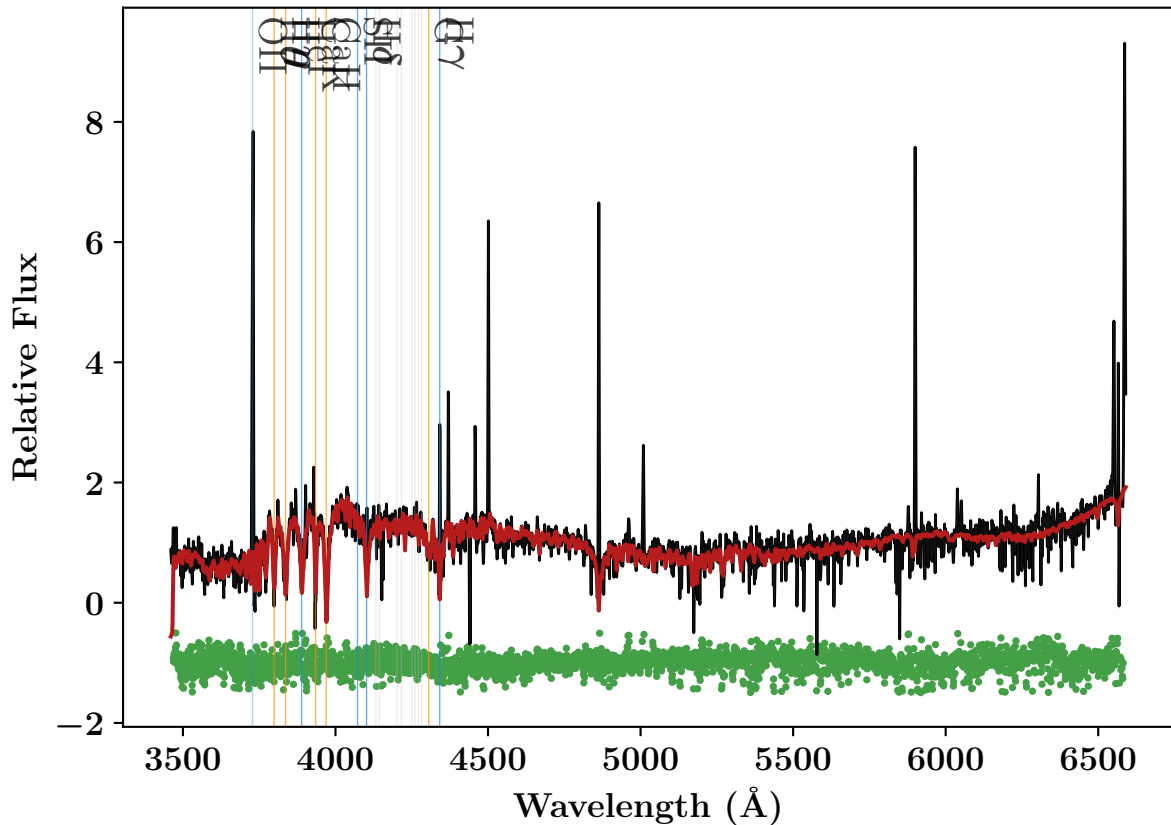
Spectra: cross-section corrected



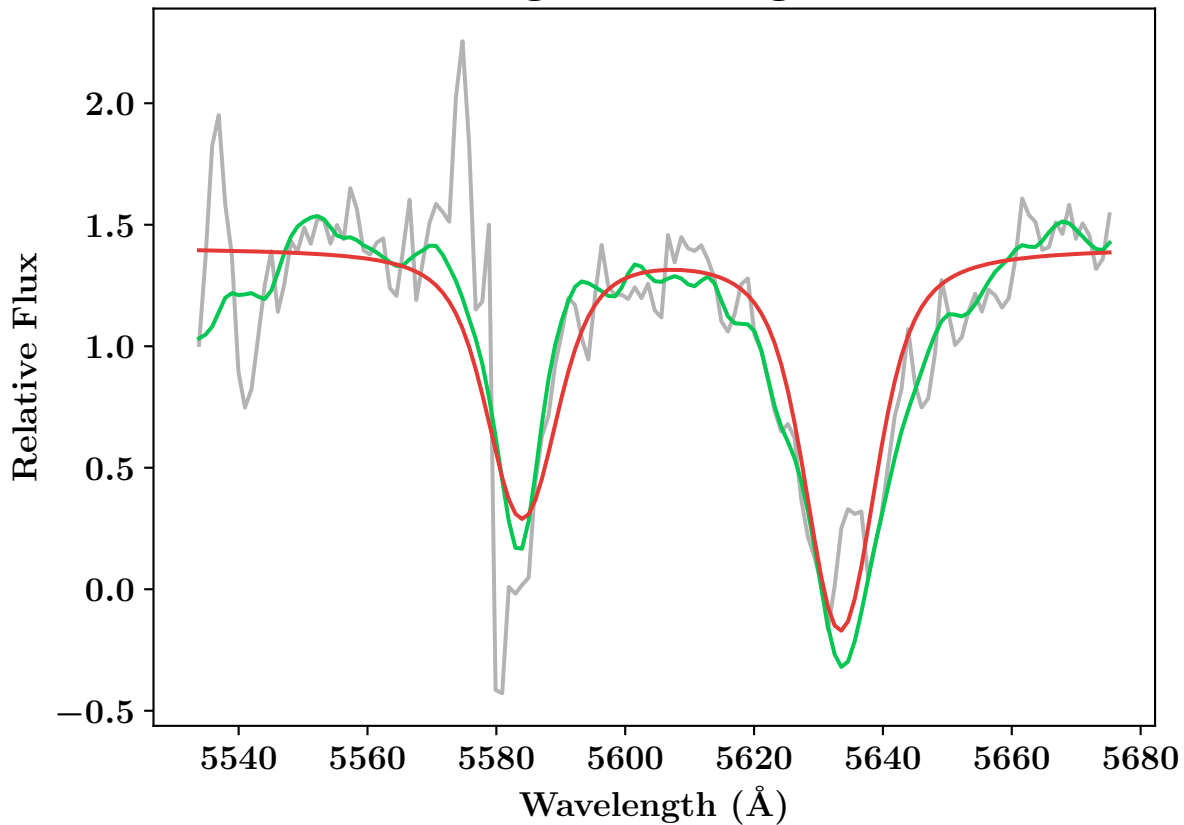
# OII doublet region



Spectra with pPXF overlaid



# Voigt Fitted Region



## Variables and numbers for cube 540

HST V-band magnitude: 21.4602

S/N from spectra: 6.961770971468245

OII sigma lmfit: 91.10032916204413

OII sigma pPXF: 0.5996101784328653

Voigt sigma lmfit: 81.96968579298284

Voigt sigma pPXF: 67.72243018955135