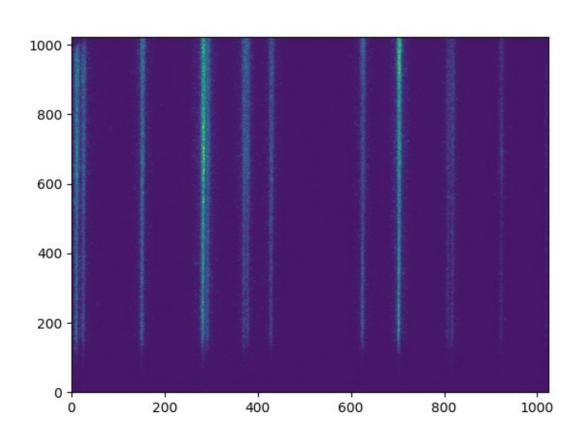
Spectrum Calibration Valentina 03/13/18

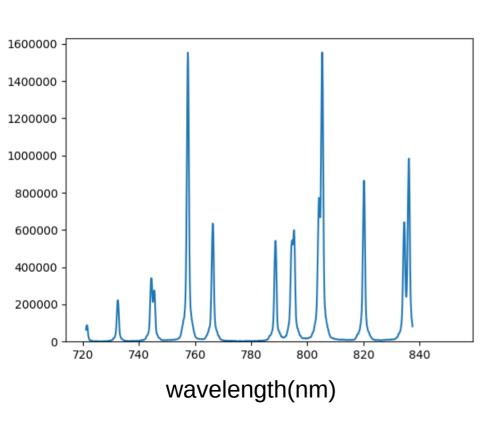
Spec Data Reading

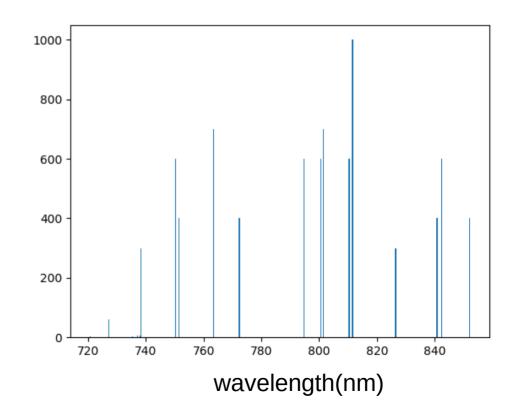
- .sif reader from Josh
- Raw data is a 2d matrix
 - X: wavelength
 - Y: Space (from grating)
- From calibration data:
 - lambda[X] = arrCal[0] + arrCal[1]*X + arrCal[2]*X**2 + arrCal[3]*X**3
- Note that 0th array would have the highest wavelength, so the image should be flipped

2D Matrix

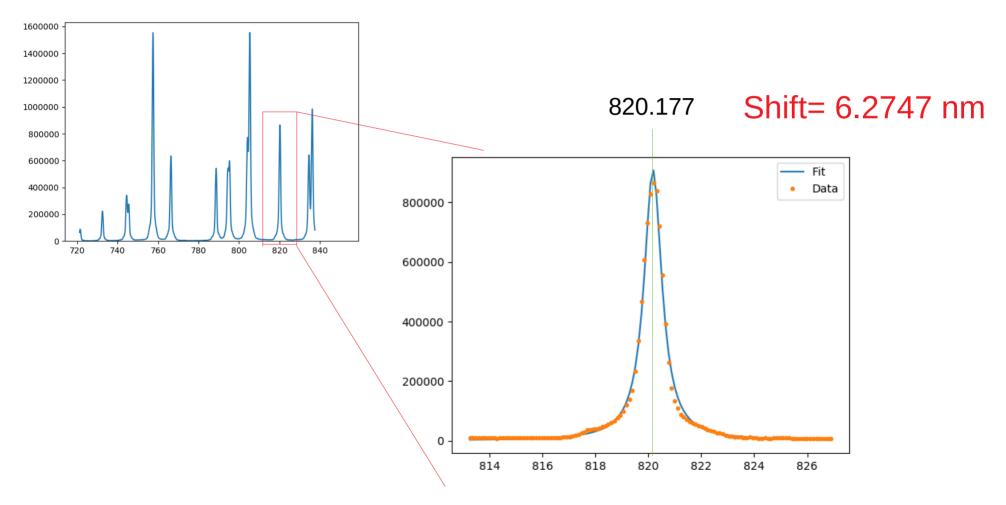


Exp Data vs. NIST Data





Line 826.4522



Shift Exp Data and overlap with NIST Data

