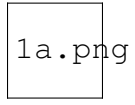# Introduction

Background

Analysis

The raw scans of 2.0V, 2.3V, and 2.6V excitation can be found in the appendix section. To calculate the location of peaks on the scans we had to first find a way to measure the associated voltages of each peak. To do so each plot has two points of measured voltages located. From this we used the image viewing program "Faststone Image Viewer" to find the pixel distance from the two points. This gives us a scale of $\frac{Votlage}{Pixel}$.

Appendix

1a.png

References

[Treatment of Errors] Gardiner, Jeff. n.d. Treatment of Errors. Waterloo (On): University of Waterloo.

[Helium Excitation] Gardiner, Jeff. n.d. Helium Excitation. Waterloo (On): University of Waterloo.