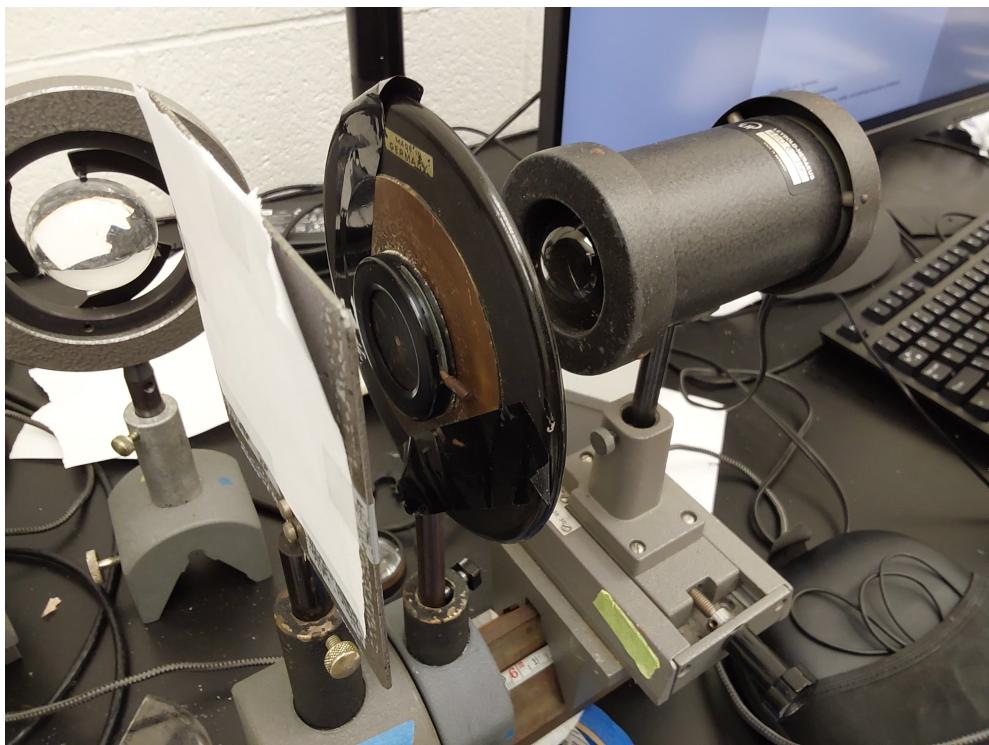


**DATE: 01.07**



**FIGURE 01.07A.1:** Experimental setup, adjusting alignment and diameter of apperature.

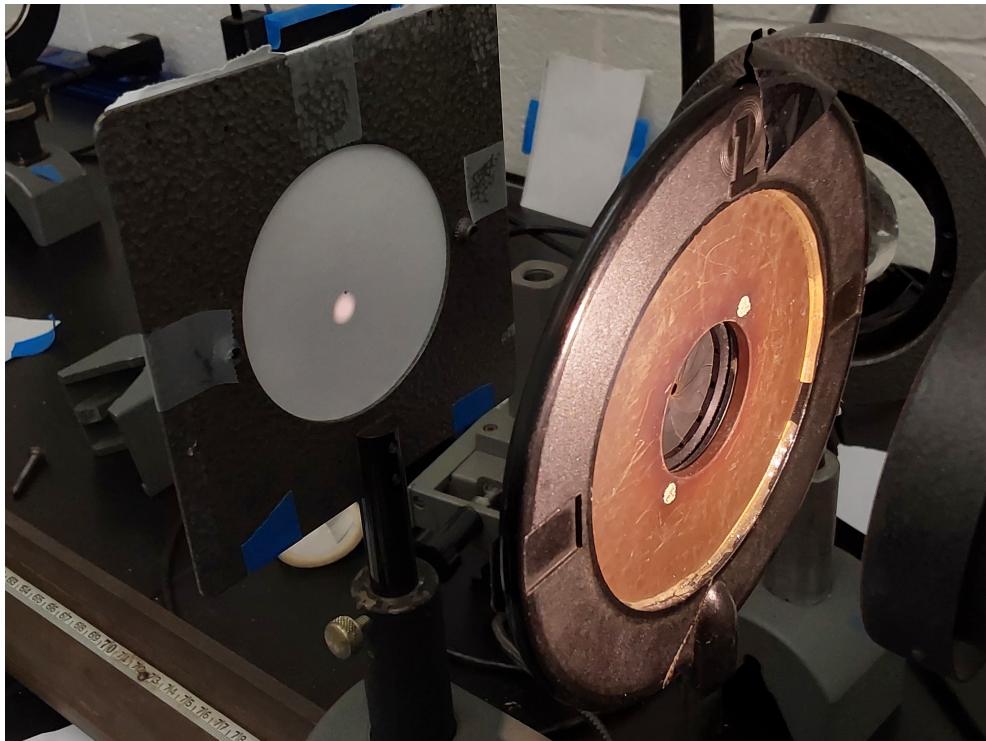


FIGURE 01.07B.1: Prealignment.

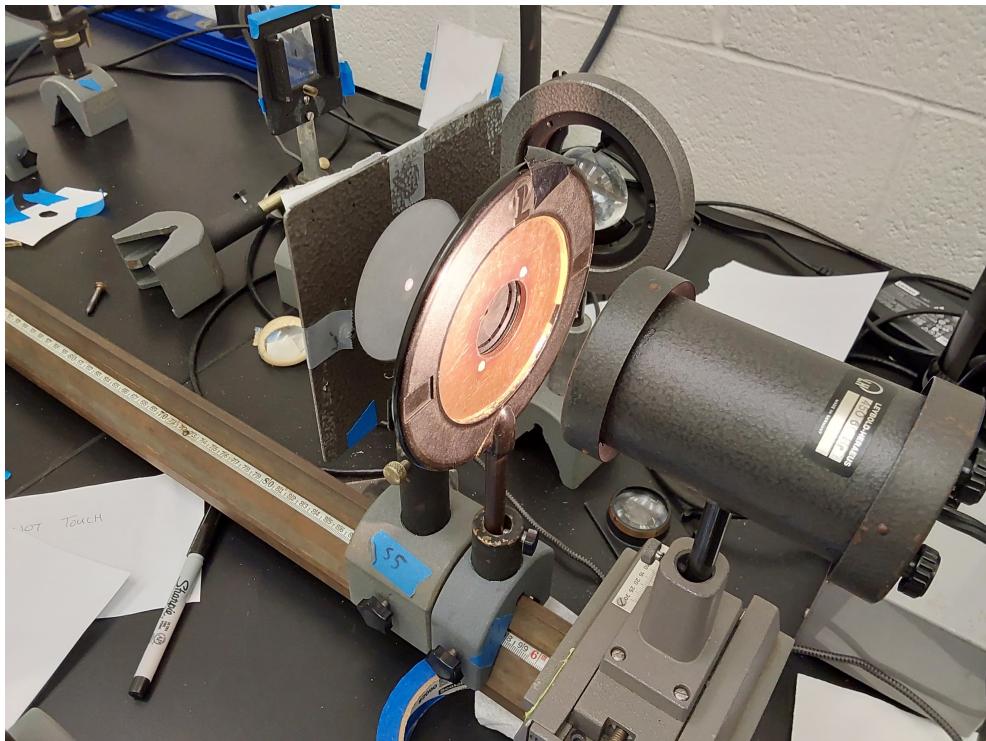


FIGURE 01.07C.1: Alignment Complete

**DATE: 01.11**



**FIGURE 01.11A.1:** Distortion in lens.

DATE: 01.26

40

30

70

80



FIGURE 01.26A.1: Initial plot of raw data without any styling or processing.

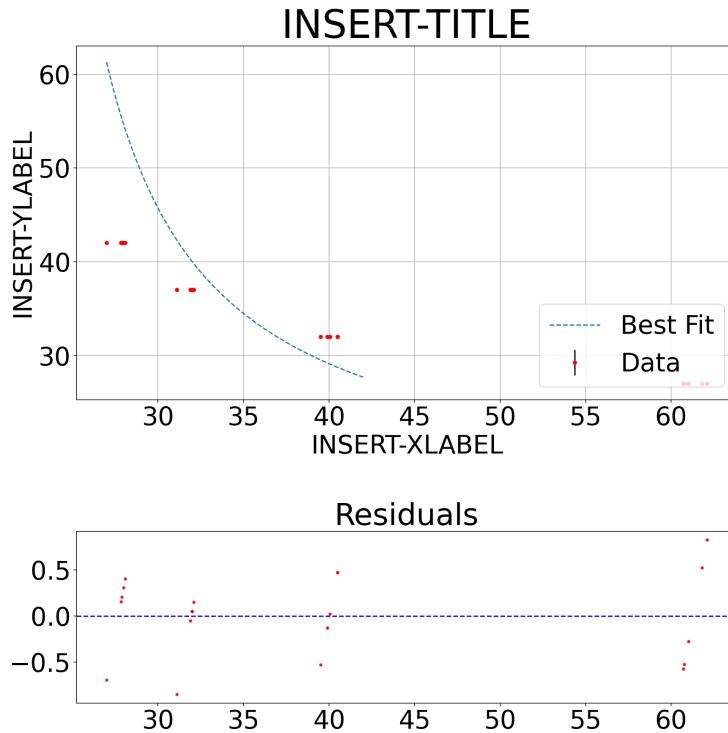


FIGURE 01.26A.2: Plot of data without averaging and fitting to thin-lens equation. The following parameters were found  $f = -8.78472364$ ,  $fp = 29.65207305$ ,  $bp = 13.96601846$

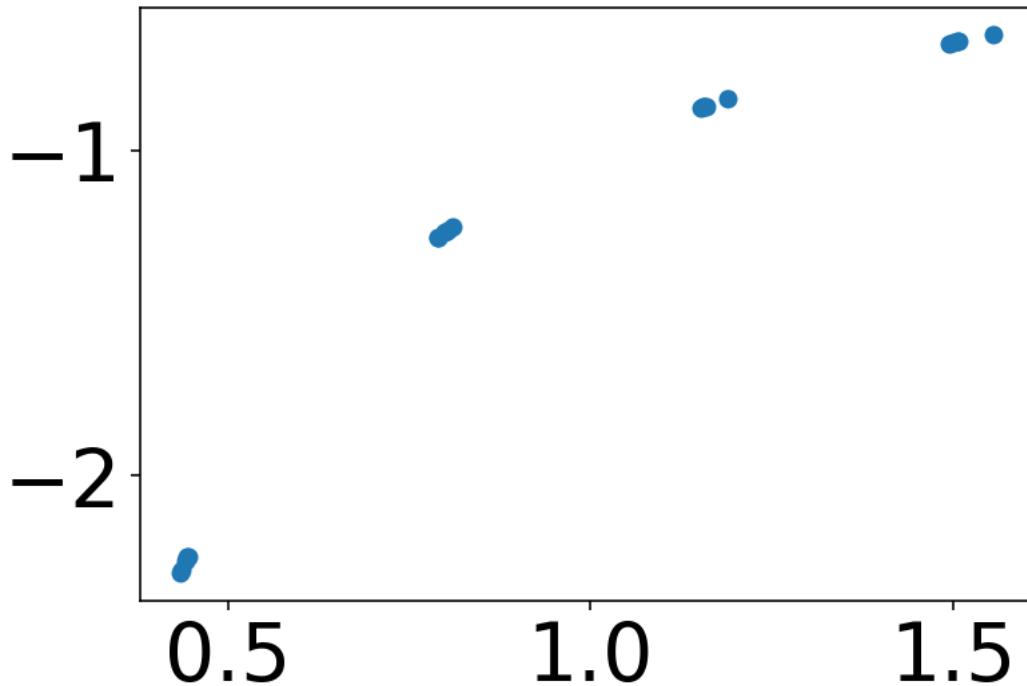
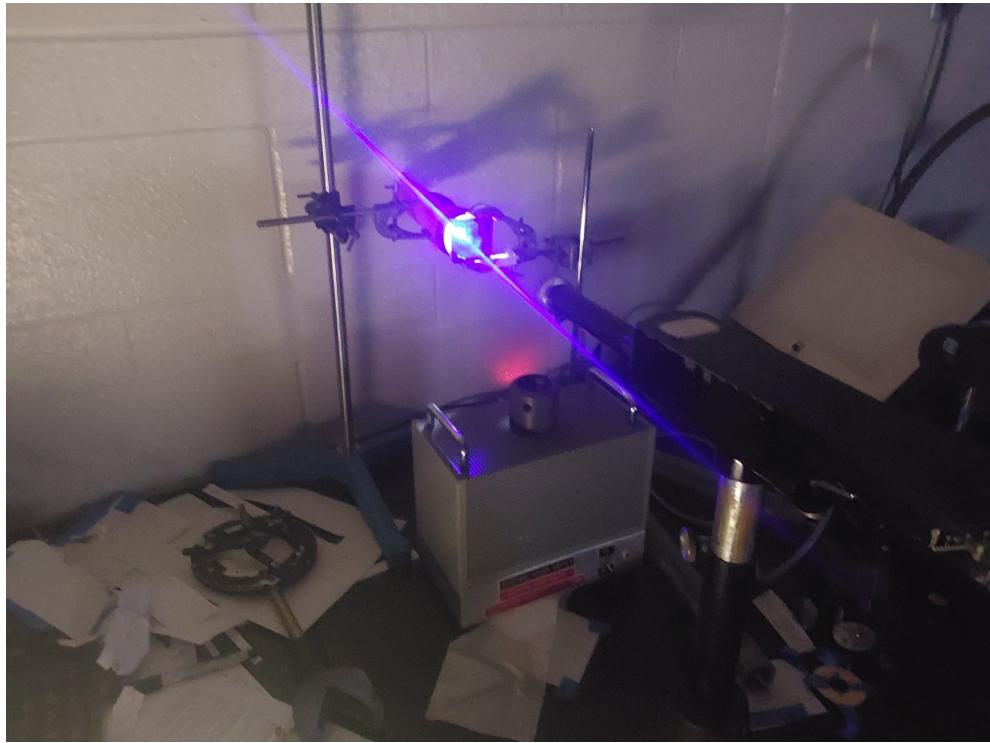


FIGURE 01.26B.1: Initial plot of raw data (magnetization) without any styling or processing.

**DATE: 02.04**



**FIGURE 02.04A.1:** Spectroscope Information



**FIGURE 02.04A.2:** Spectroscope with polarizer Information

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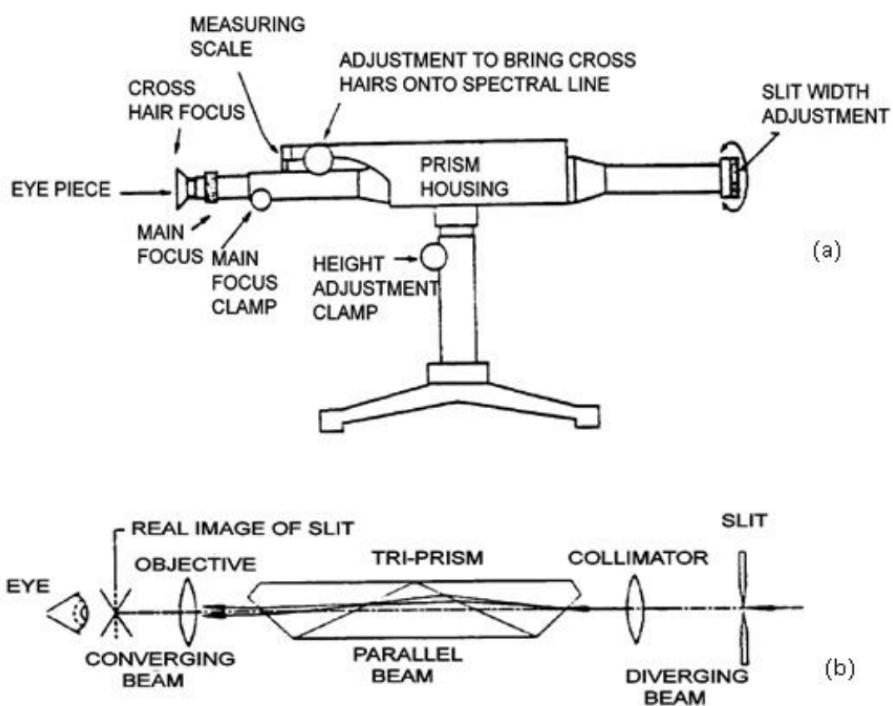
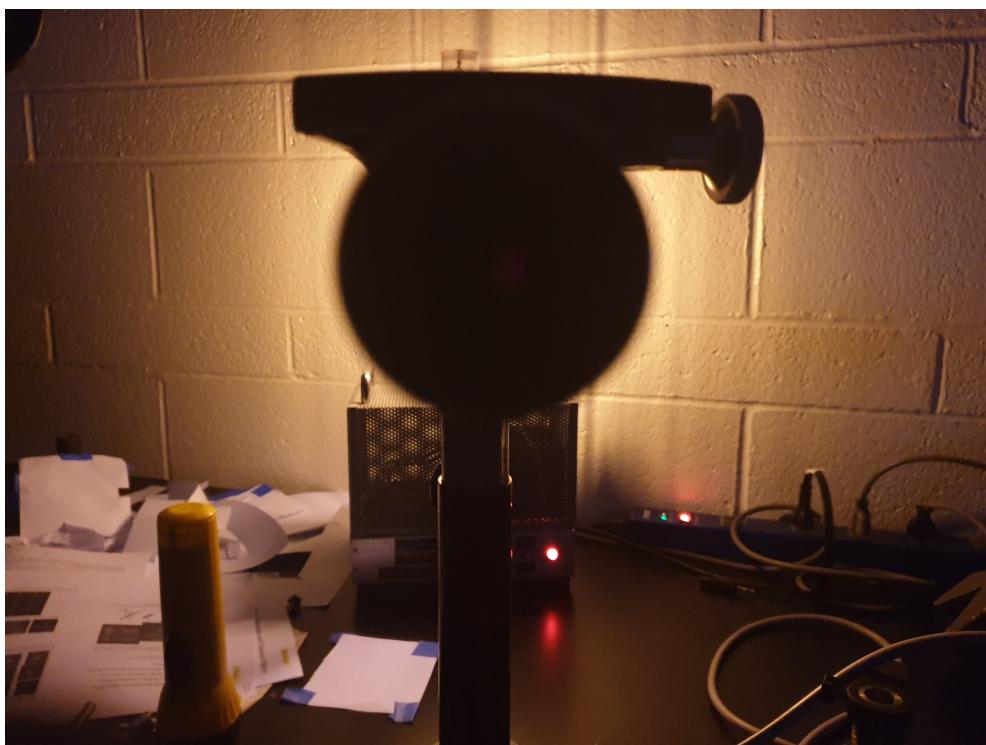
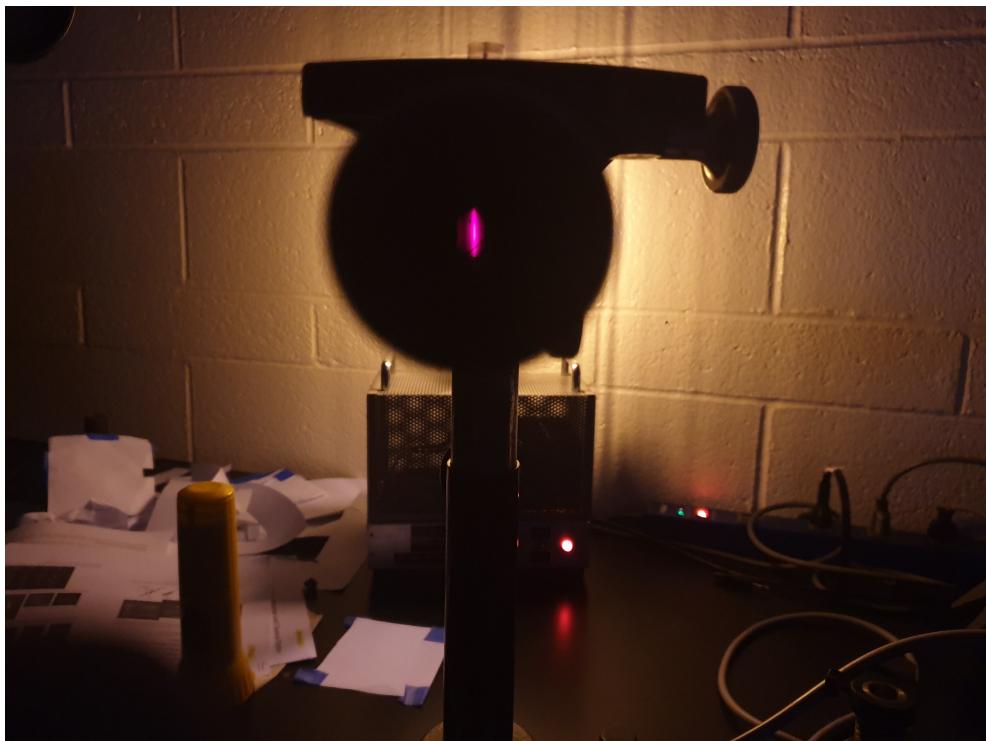


FIGURE 02.05A.1: Spectroscope Diagram taken from [1].

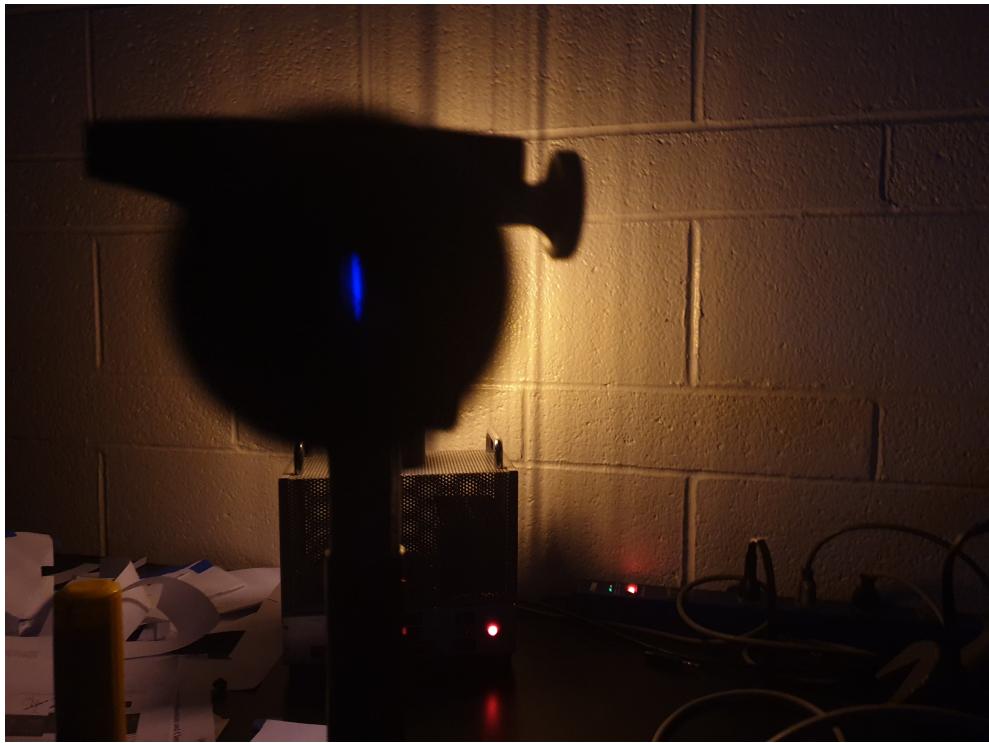
**DATE: MISC.**



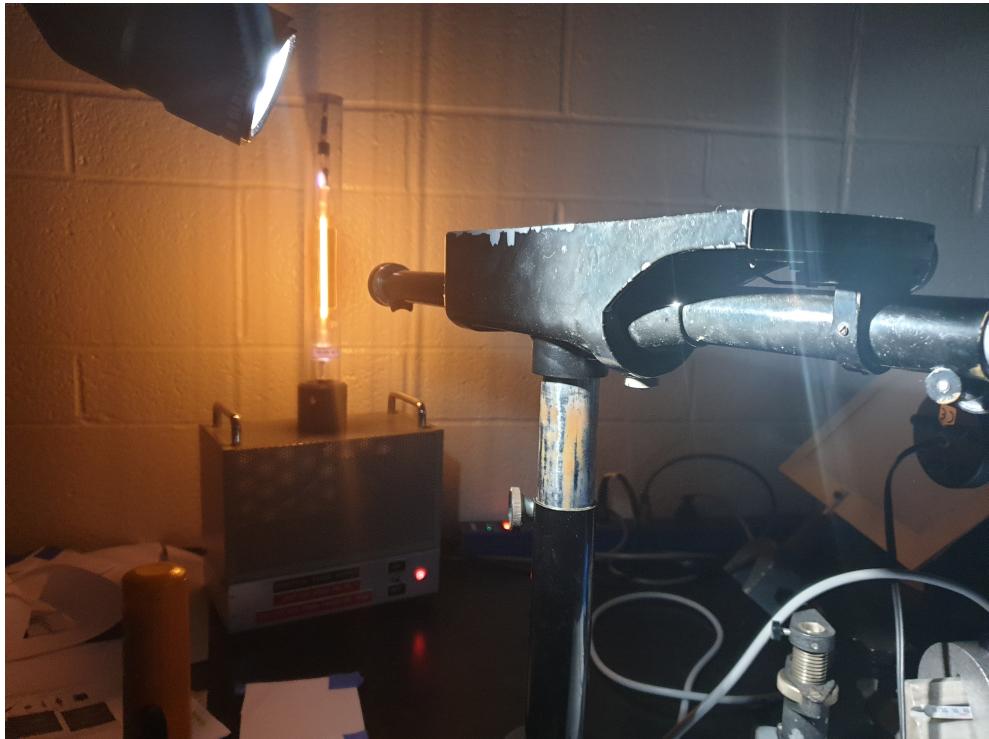
**FIGURE MISC.A.1**



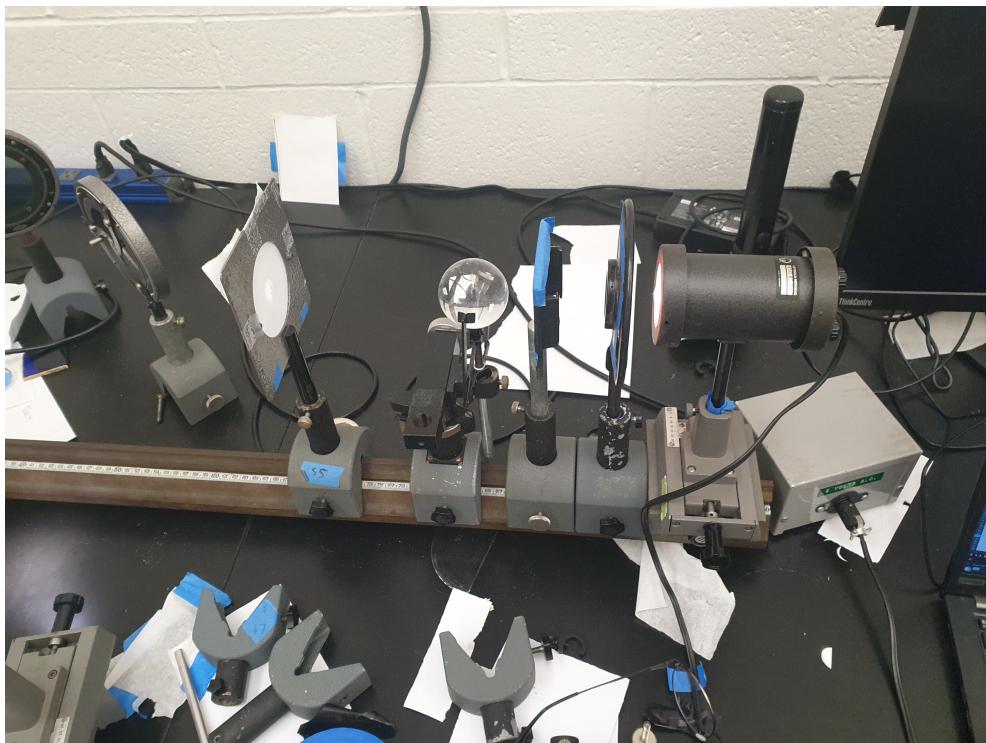
**FIGURE MISC.A.2**



**FIGURE MISC.A.3**



**FIGURE MISC.A.4**



**FIGURE MISC.A.5**

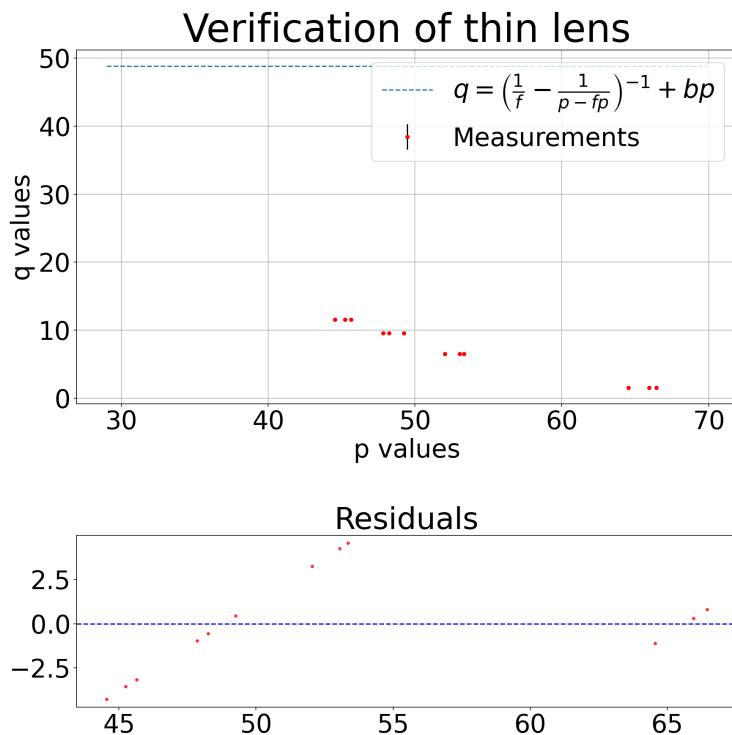


FIGURE MISC.B.1

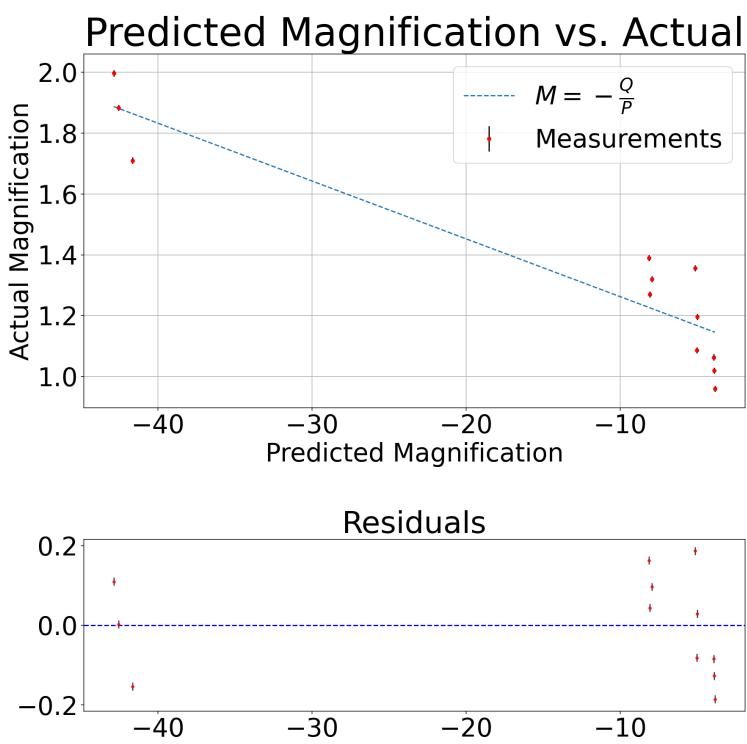


FIGURE MISC.B.2

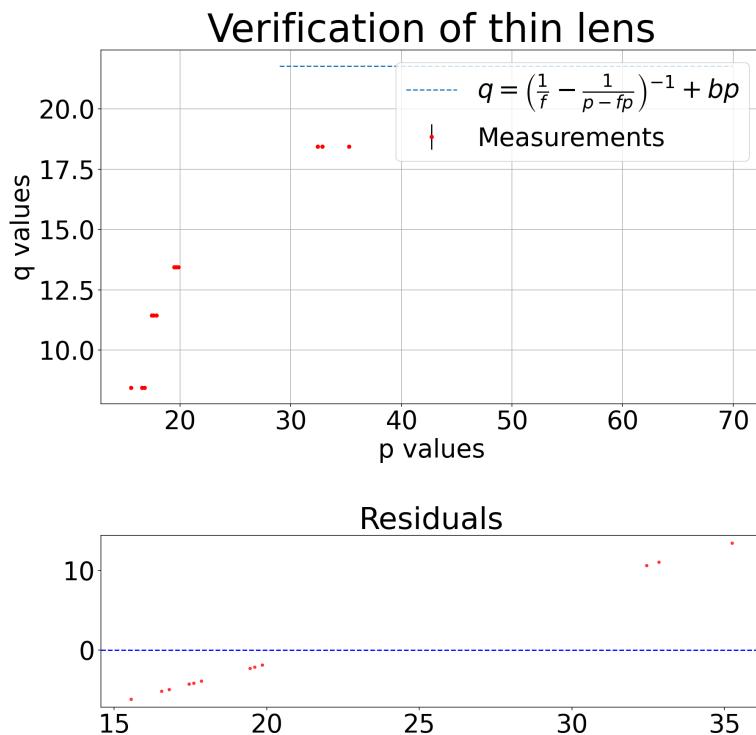


FIGURE MISC.C.1

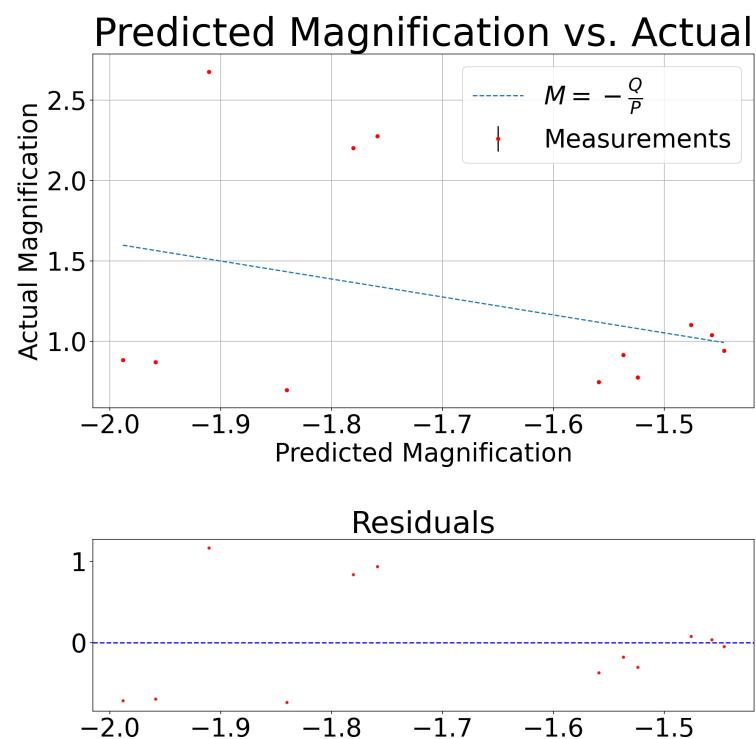
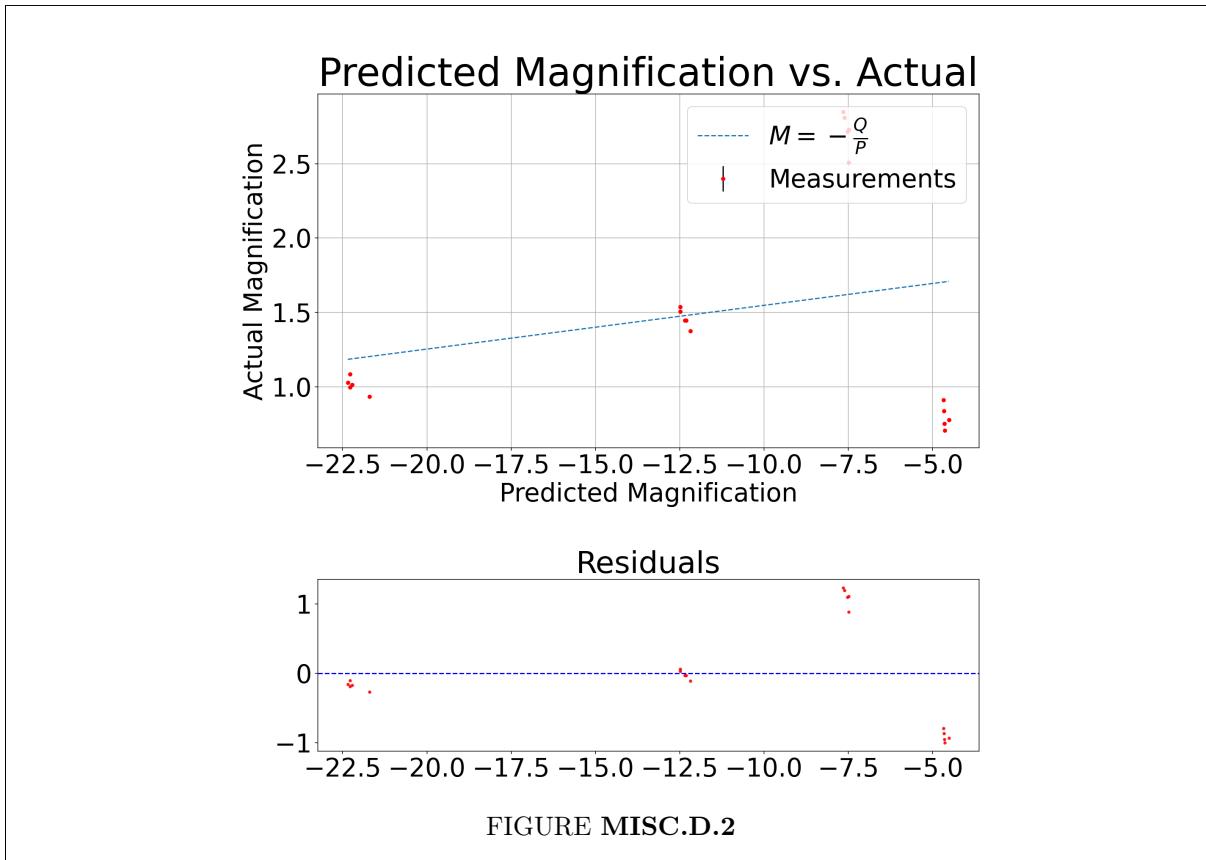
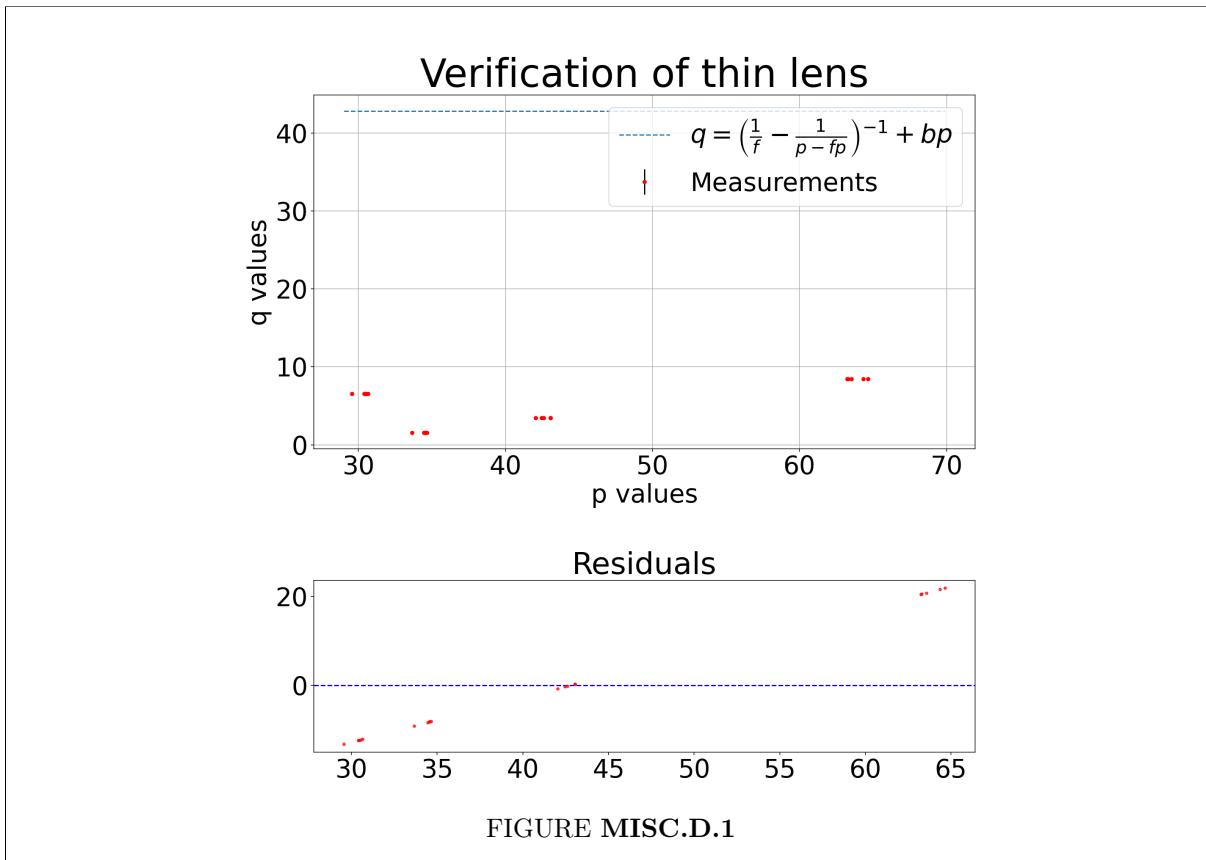


FIGURE MISC.C.2



**DATE: 02.07**

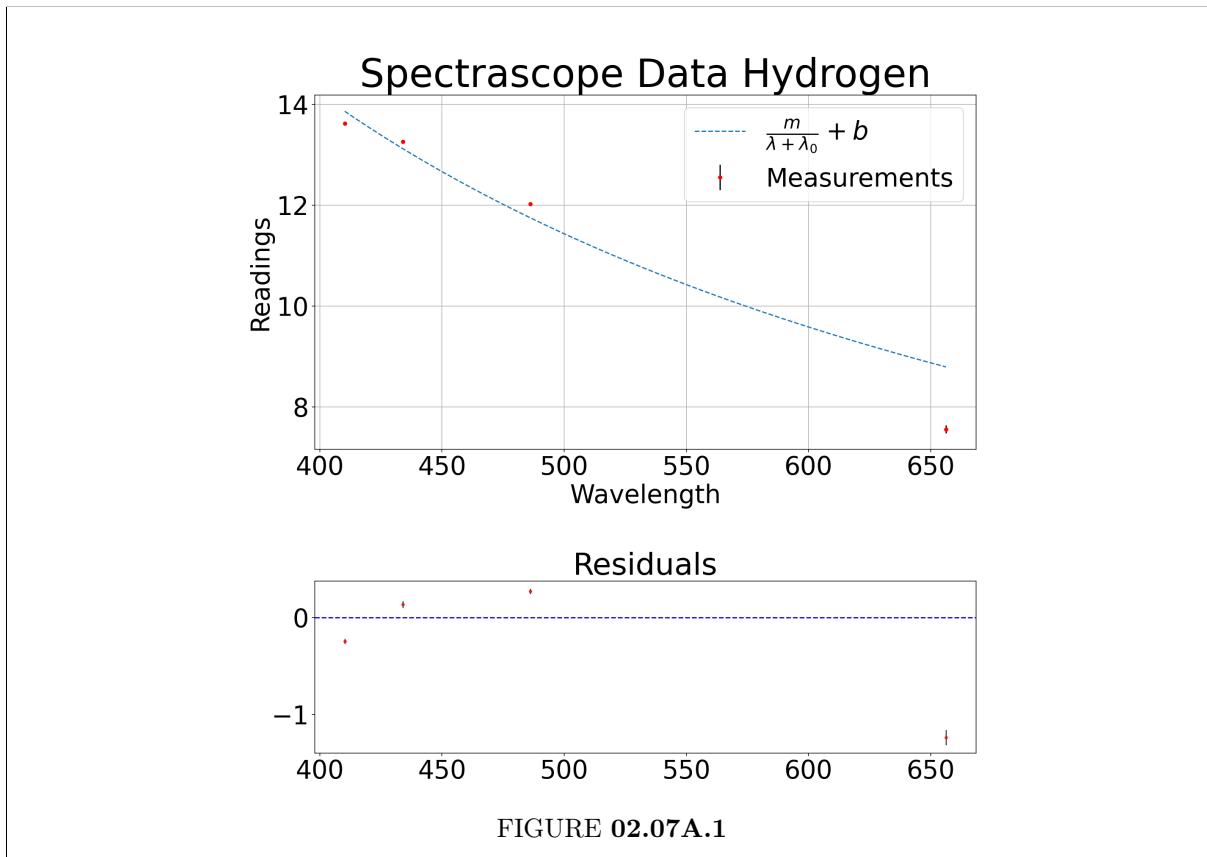


FIGURE 02.07A.1

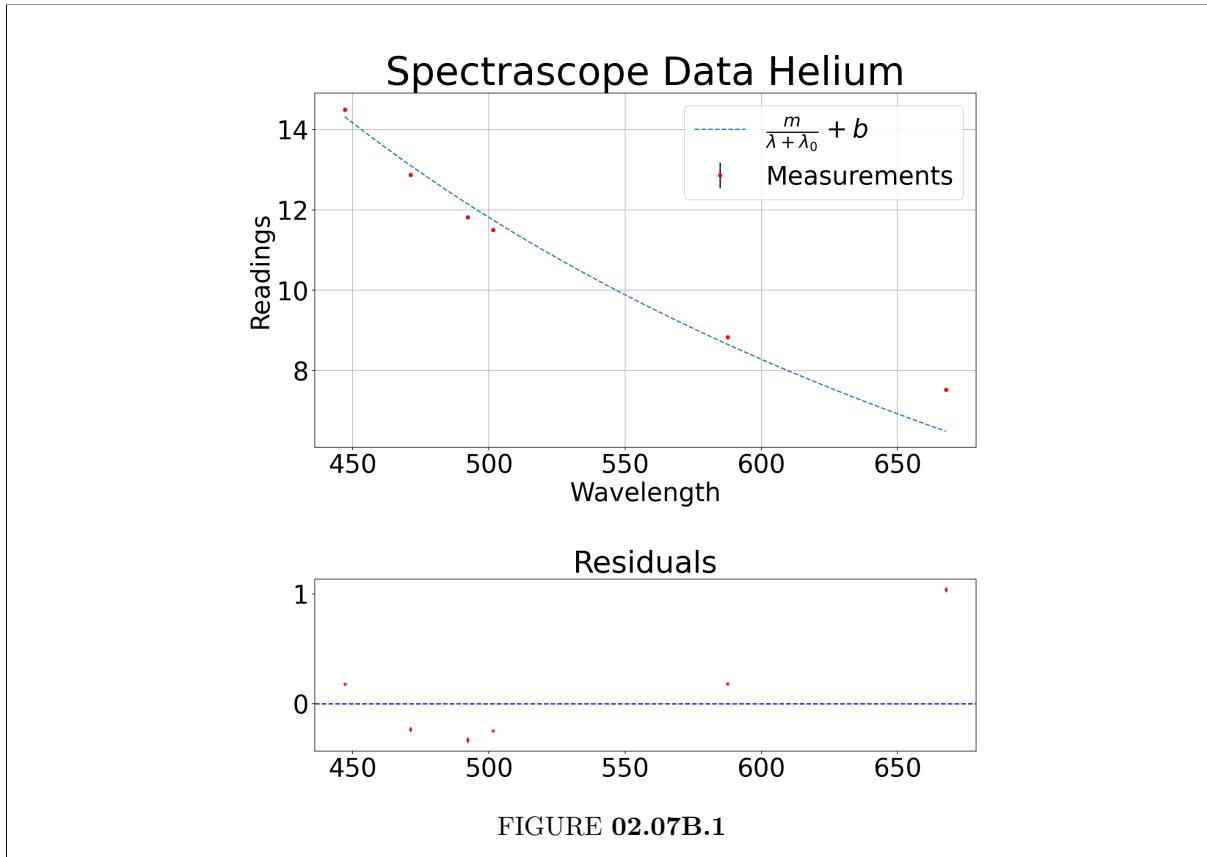


FIGURE 02.07B.1

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3. T. Wogan, “Nmr spectroscopy without the “m” – physics world,” (2011).
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