Running Otto's Minflux Script

Things to install before starting

Install Spyder https://www.spyder-ide.org/

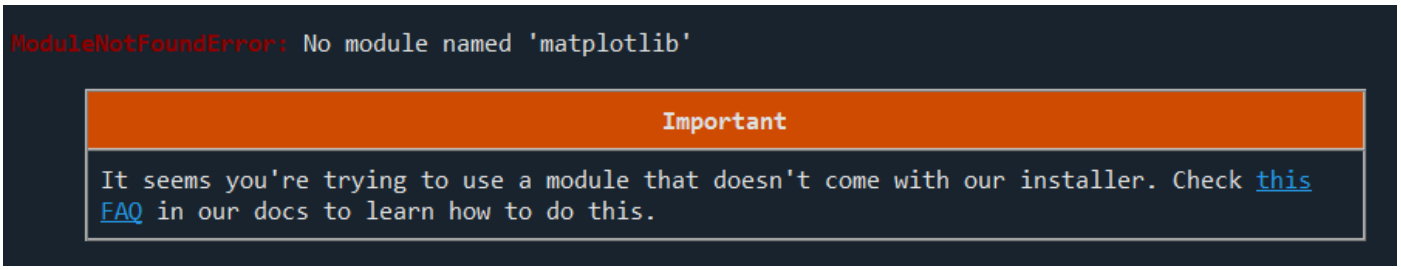
Install miniconda https://repo.anaconda.com/miniconda/ (this is to install any libraries that might be missing from Spyder).

Make sure Imspector is installed, I used version 16.3.15620-m2205.

A copy of "plot width and thickness of filaments_newDataFormat.py"

Running and resolving errors

When this code is run in Spyder, you might get this error.



This just means we need to install matplotlib in our python environment. This is why we installed miniconda.

Search for and open the Anaconda command prompt

create a new environment: **conda create --name <my-env>**

Type "y" when prompted

Activate the new environment: **activate <my-env>**

Install matplotlib in this environment: **conda install -c conda-forge matplotlib**

Type "y" when prompted

To switch to the new environment in Spyder, go to **Tools->Preferences->Python Interpreter->Use the follow interpreter.**

You'll need to restart the kernel before continuing. Go to **Console->Restart kernel.**

Since we change environments we might need to install the spyder kernel in this new environment:
conda install spyder-kernels=3.0

Type "y" when prompted

Running the software script again might produce an error with scikit-learn.

Install scikit-learn by typing: **conda install -c conda-forge scikit-learn**

Install pandas typing: **conda install -c conda-forge python pandas**

The script should run after this.

Running the script

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