Getting Started with axionCAMB

1. Go to https://github.com/dgrin1/axionCAMB and download the ZIP file via the green button in the upper right corner.

2. Open the ZIP file.

3. Open the Makefile and specify which compiler you wish to use.

4. Open the inidriver

    ```
    emacs inidriver_axion.F90
    ```

    find the line that says

    ```
    print*, "Warning: you have chosen a high axion mass. Entropy
    production is not included, and may affect the relic abundance
    calculation."
    ```

    and remove the highlighted text (it's a weird argument length thing that you won't have to deal with again).

5. Compile axionCAMB by entering

    ```
    make
    ```

    on the command line. Any time that you modify an axionCAMB file you need to

    ```
    make
    ```

    ```
    make clean
    ```

    in order to keep axionCAMB up to date with your changes.

6. Run axionCAMB by entering

```
./camb inifiles/params.ini
```

on the command line. Once it runs you will see new data files added to your directory. If you ever have any questions about these outputs, check the CAMB ReadMe (http://camb.info/readme.html).