

HAWC Updates

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Further Testing of HAL

- This week I have gone and generated log output files for 3 different cases of my limit code
 - Automatic Limit, fit by HAL
 - Manual Limit, fit by hand
 - Powerlaw Limit, fit by HAL using a default model
 - This tests to see if my model has some issue in it
- These Logs were all put up on the HAWC GitLab

Other HAL things

- I have written a short script that takes my model and uses it to generate an example spectrum
 - This seems to working as intended
 - Powerlaw spectrum that ends at a given point
 - These are on GitLab
- I also put the testing for the my HardCutoff Model on GitLab as well

Thesis Changes

- For this week I was asked to put together a slides to discuss my thesis changes
 - Units were clarified $\text{ergs/cm}^2/\text{s}$
 - Information updated and expanded upon
 - “Flow”
 - Location of the Nova Given
 - Greater discussion of reasoning and rationale for doing what we did.
 - HAWC information added
- Section 2 is essentially unchanged
 - Edited for consistence with other sections