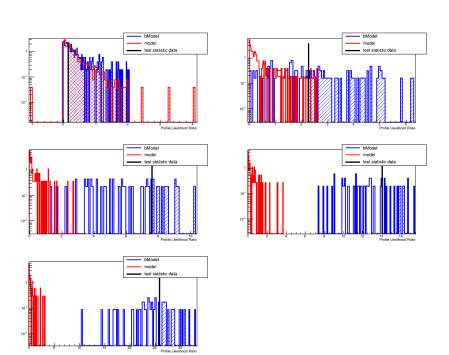
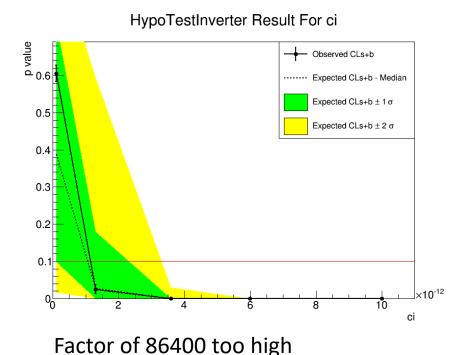
EFT Progress 2018-01-31

Shaun Alsum

POI now c^2 (coupling constant)

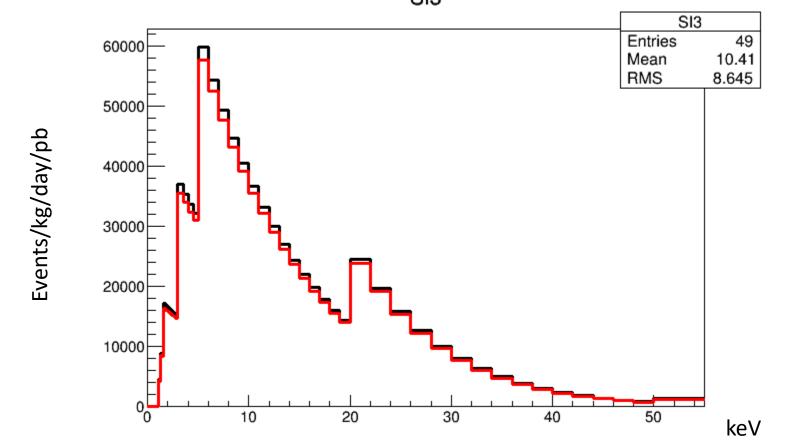
- Specifically, $(c/m_v^2)^2$ where $m_v = (2G_F)^{-1/2}$
- Results in limit ~10⁻⁷, correct scale.





WIMP Spectrum Comparison

 Comparing both shape and overall scale of the WIMP recoil spectrum.



One problem

 After taking away the erroneous factor of 86400 and trying to further restrict the scanning range of the hypotestinverter, time to run a limit changed from ~50 minutes to at least 10 hours. Almost no idea what's caused this.

Re-arranged code and put in github

- Is available on the EFT branch of the lux limits code.
- Carl Gwilliam has gotten it working on the liverpool cluster.
 - A few minor changes using cvmfs instead of pdsf module system.