

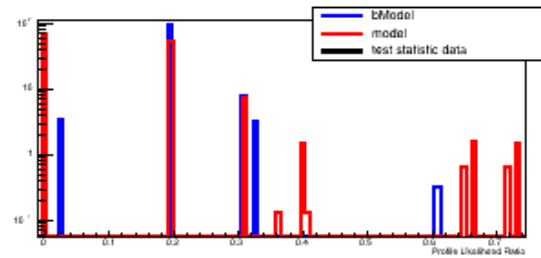
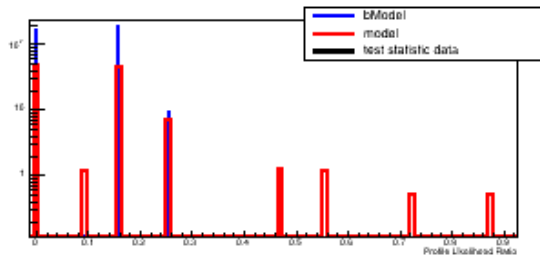
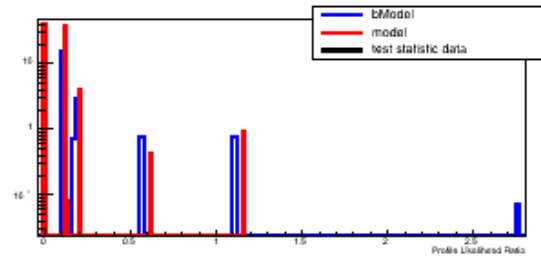
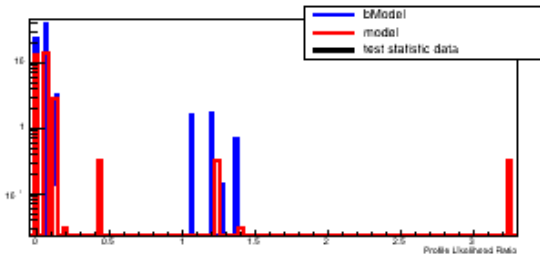
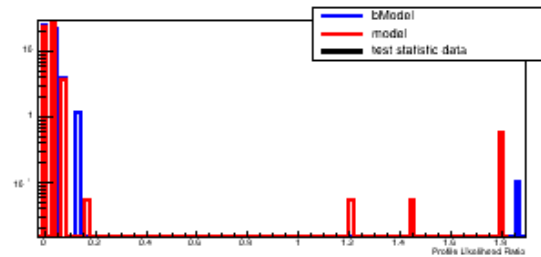
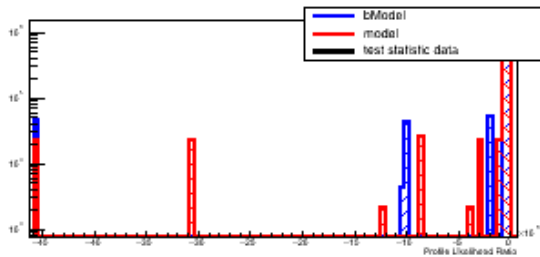
Update 2019/04/18

PLR Run

- Ran new PLR with
 - completely made-up nuisance parameter priors
 - Flat ER and neutrino backgrounds
 - Out-dated EFT signal model
 - Low-energy data from original run4 processing
 - Cherry picked only data points that have appreciable probability of occurring according to my bogus models

Result

- Nonsense because all inputs were bogus anyway, but it ran!



Not sure I trust it though...

- Try to generate data from background model to verify and ran into technical problems...
 - Led to the following cry for help <https://root-forum.cern.ch/t/help-generating-dataset-from-nested-roosimultaneous/33650/3> (if anyone knows a roofit wizard, point them in my direction please)
- May re-organize the implementation a bit if I can't find a solution to (or at least explanation for) this.

Filter code ran... successfully?

- Ran single file test-case. Got the confirmation that it ran correctly

```
Looking for All Jobs that Failed    None
failed!Results:    1 total    1 passed    0
failed
```

- But... Looking at the log I see

```
ERROR: The single electron cut is not set to -1,
0, or a positive number!
```

Kelsey said this could be a problem and is looking into it.