S2w Scans

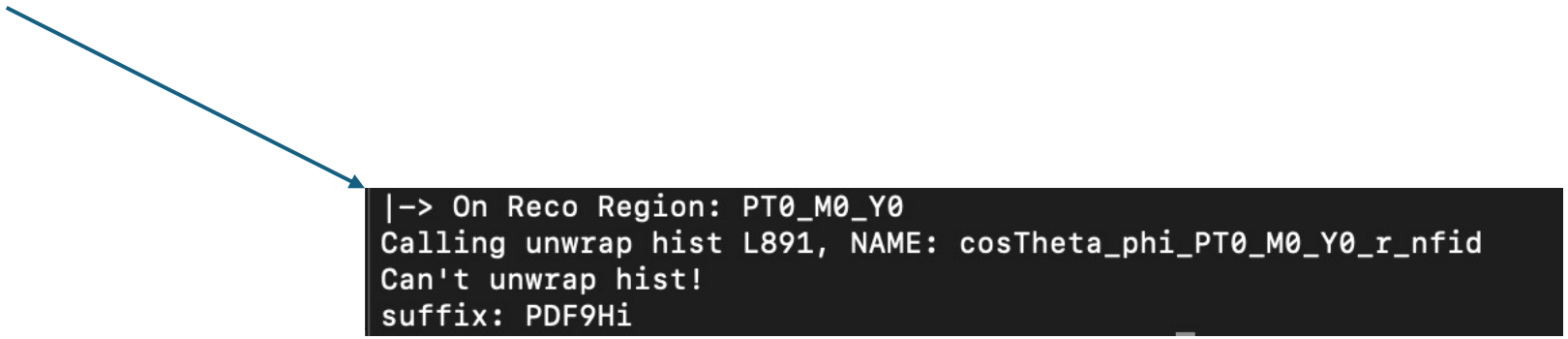
- Currently running full run 2 jobs with slightly finer Y binning than previously used by Julian (6 bins from 0 – 2.4 instead of 3) in order to overlap with the CF channel
- Fastest jobs finish in ~2.5 days, slowest 5 days. Faster than using the Ai binning but not as fast as I would have hoped
- The NAF is causing issues though, 593 jobs had to be resubmitted out of 1749
- Many other users on the NAF using the available cores so I’m not confident all jobs will be finished this time next week

CC Obs Data Fit

- Fit had not yet converged when the job hit thewalltime
- Job has been resubmitted but has not yet started running again
- The job seems to be slowly converging but at some point it may be worth cutting it off (currently sitting at > 400 fit iterations)
- Statistical NPs have essentially converged and so have many Ai.
- However there are still some Ai and other NPs where changes between iterations are relatively large (1% and greater)
- Probably best to leave the fit running for a bit longer

Electron and Muon Compatibility

- Reminded myself how to do the compatibility with just the stat uncertainty, didn’t finish it through to making plots since fitting may take some time.
- Did the necessary jiggery-pokery to get the systematics into the correct format to do the compatibility fit with systematics added
- PDF variations are, however, stopping the workspace step from properly completing
- Will look into this!



CF

- Lukas' 10 TB of local group disk quota seems to have turned up as an increase to our shared space quota, rather than being on the local group disk
- This is enough to download the new ntuples!
- Download script has been submitted to condor, will take a couple of days to finish if nothing goes wrong.
- Other calibration points still open (sorry…)
  - Variance correction with CB model for 15/16 and 18
  - Gaussian model implementation for 15/16
  - Implement possibility of hybrid calibration model into aidy
  - Ask Filip to push changes for calibration systematics