

Analysis Update

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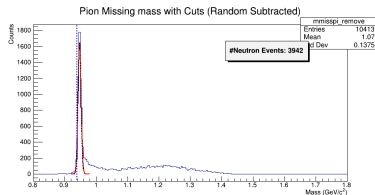
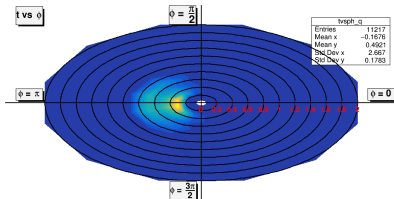
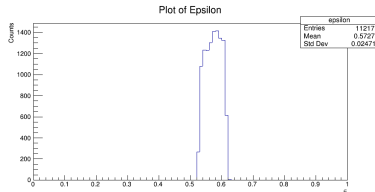
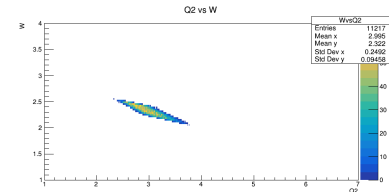
Online Calibrations

- Some of the calibrations used online seemed to have gone missing amongst the git updates
- Found them from various branches/other repositories
- Now included in the PARAM folder, also created a new “general.param” for each run period
- OnlineAutumn2018.param has all of the calibrations used online in September/October 2018 for example
- Likely keep this naming convention for the upcoming run, “OnlineSummer19.param” e.t.c.

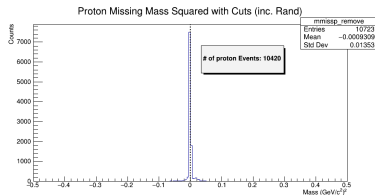
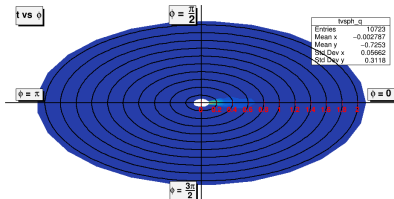
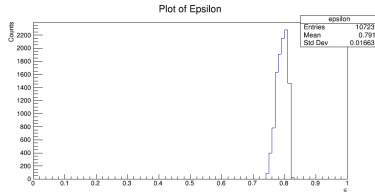
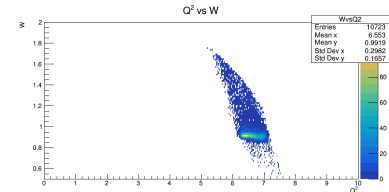
Online Pion Scripts

- Edited the existing kaon scripts to look for pion events instead
- Also created a Standard_Pion.Kinematics file which has pion rather than kaon kinematics for our previous runs
- Works nicely, will need to re-tweak range of some of the final plots and the timing windows
- HeepCoin script also tweaked
- Edited shell scripts for this and for yield calculation so that they should run regardless of where you're trying to run them

Online Pion Scripts



Online Pion Scripts



To be done

- Need to create a script for Heep singles
- Also need a luminosity script
- As mentioned to Mireille, need to add back in the auto filling of the run sheet!
- Also need to go test all of the scripts on counting house machines - end of the week

- New set of replays with calibration updates and fixed to standard.kinematics
- Under Pass1 in the usual directory
- COO and ESAD for the experiment online now for people to read