

Pion Data Quality May + June 2018

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aka

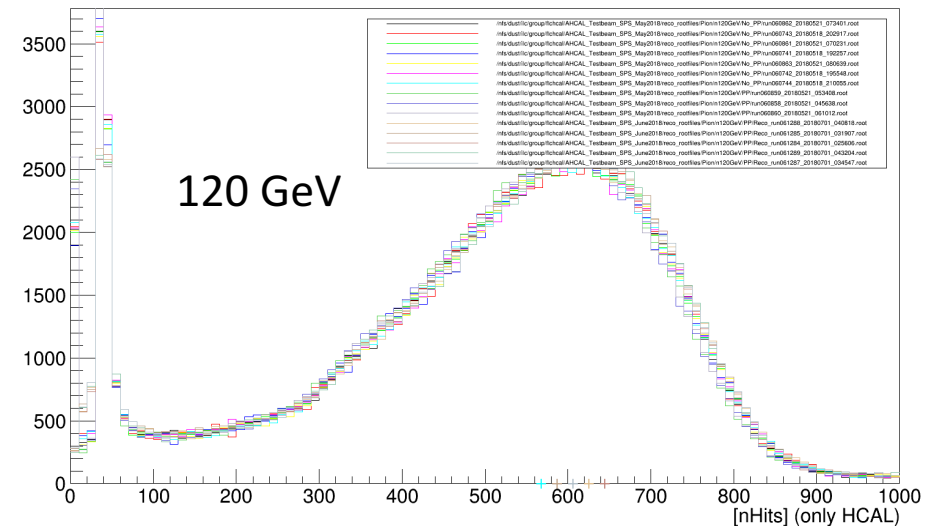
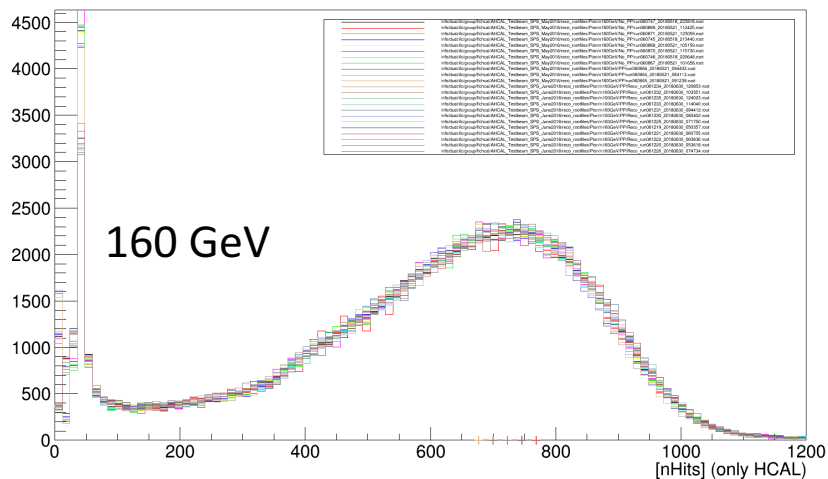
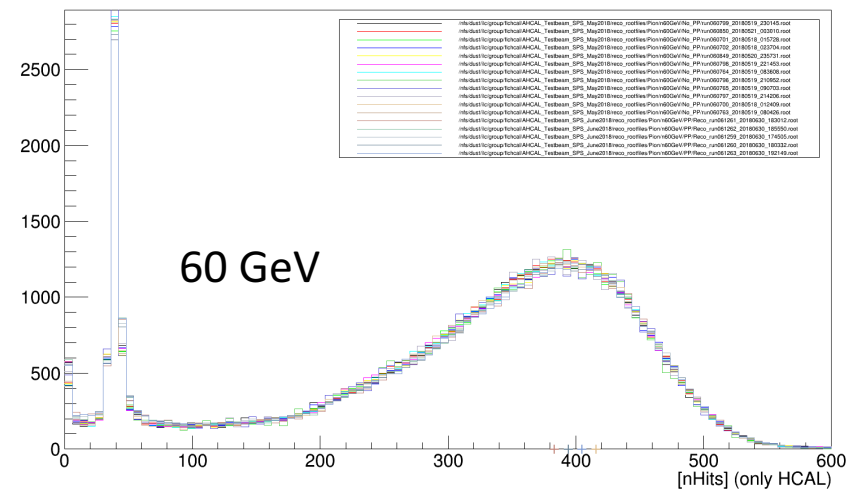
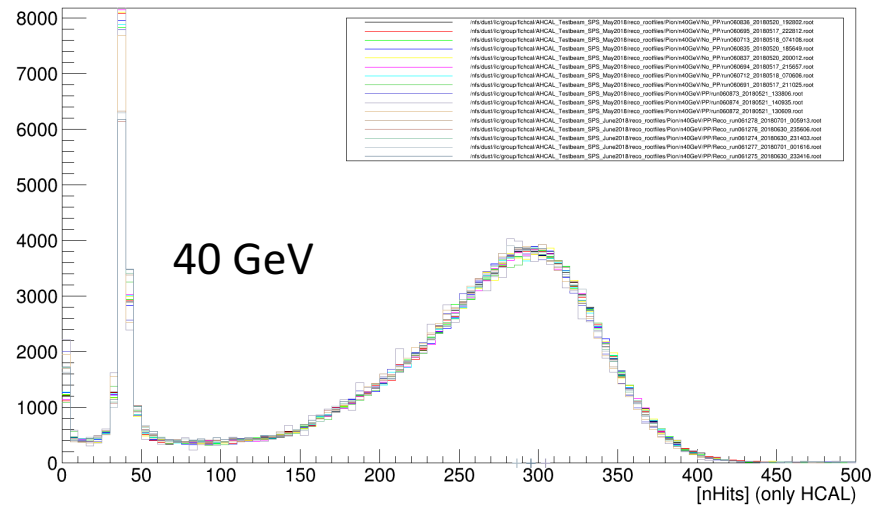


Data Quality Flags

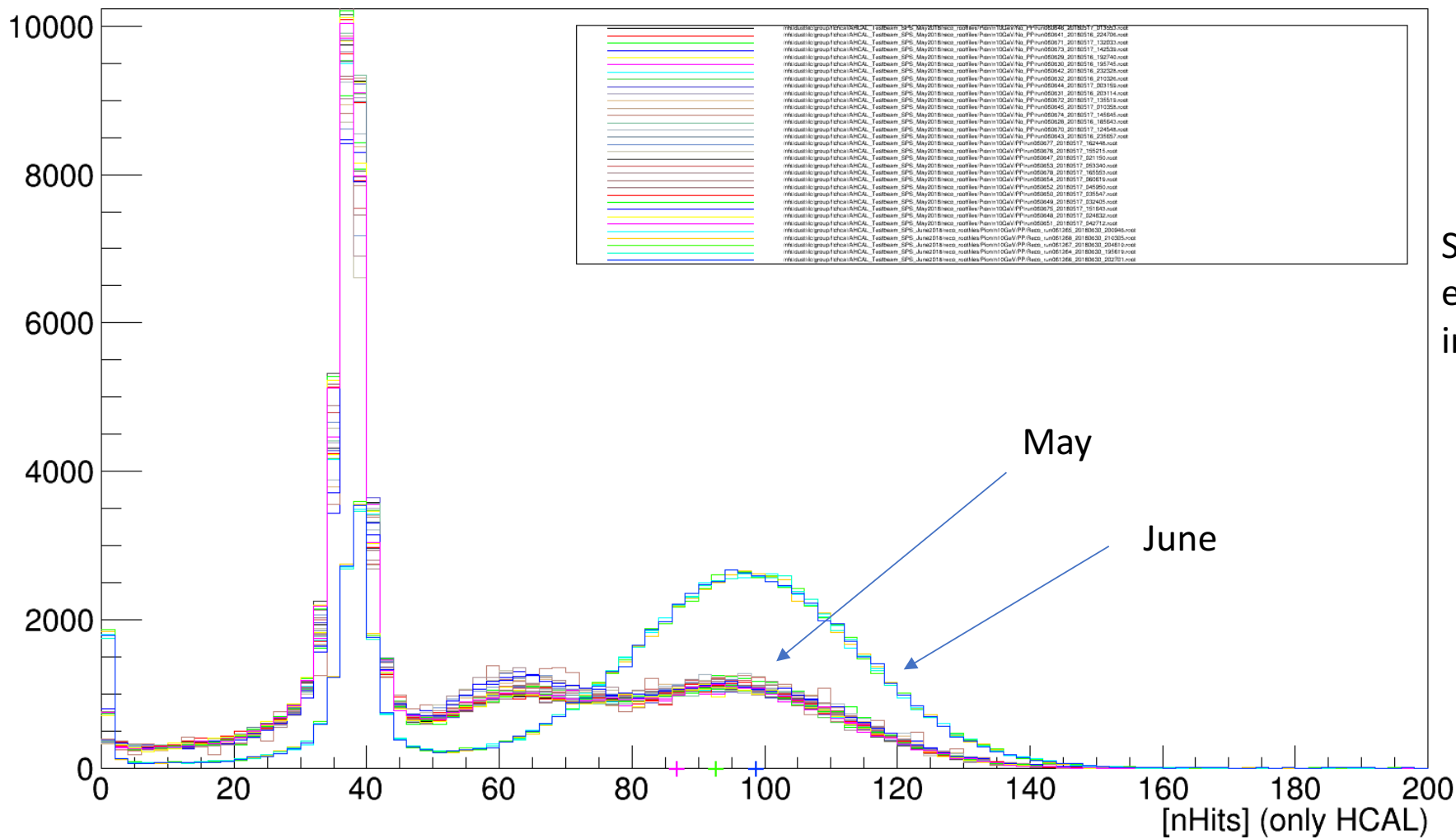
- New column in [runlist](#) “OfflineQualityCheck”
 - Good
 - Check
 - (Bad)
- With ‘standard’ + ‘good’ runs:



When plotting only 'good' runs: [nHits]



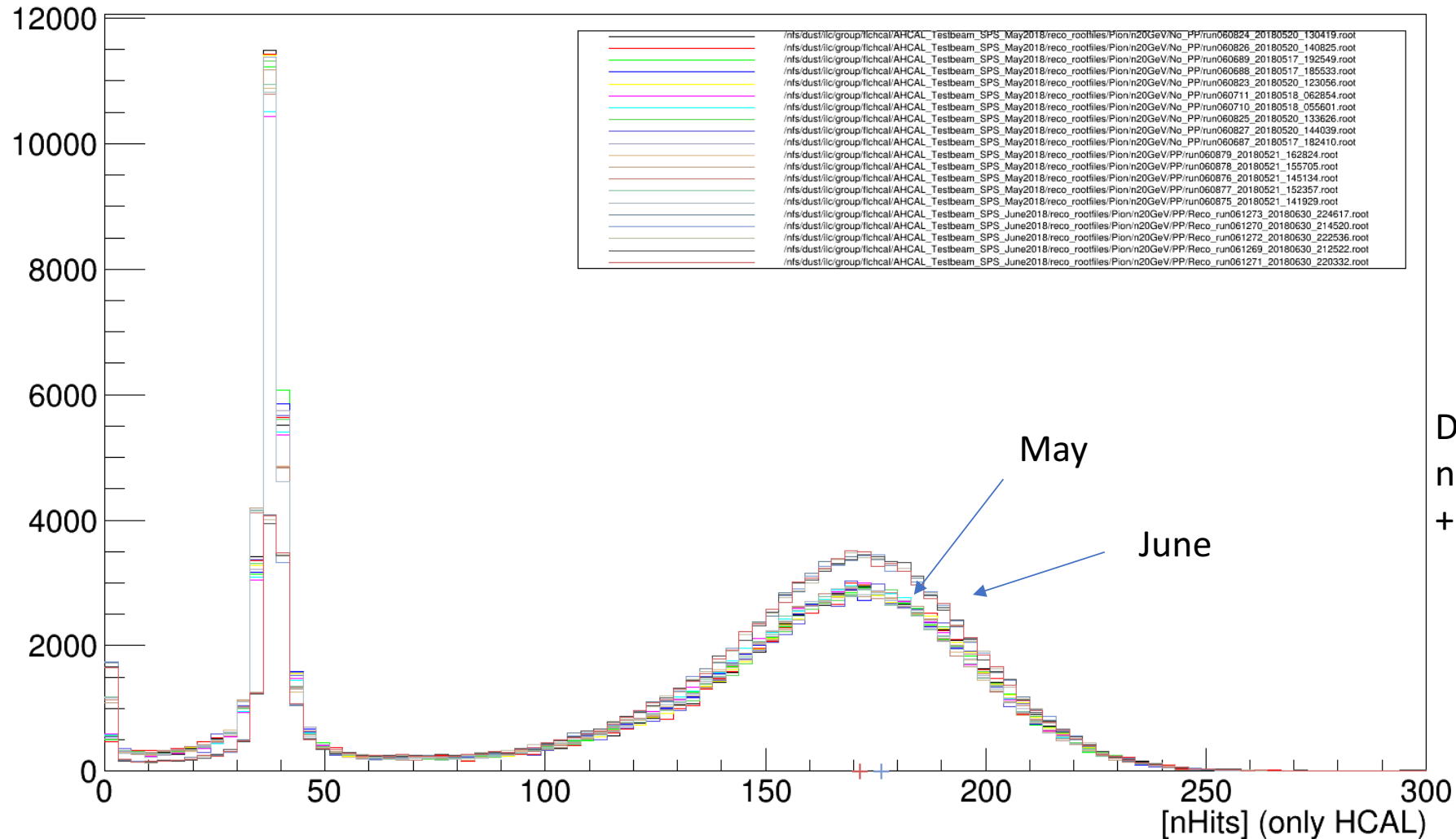
10 GeV ('good')



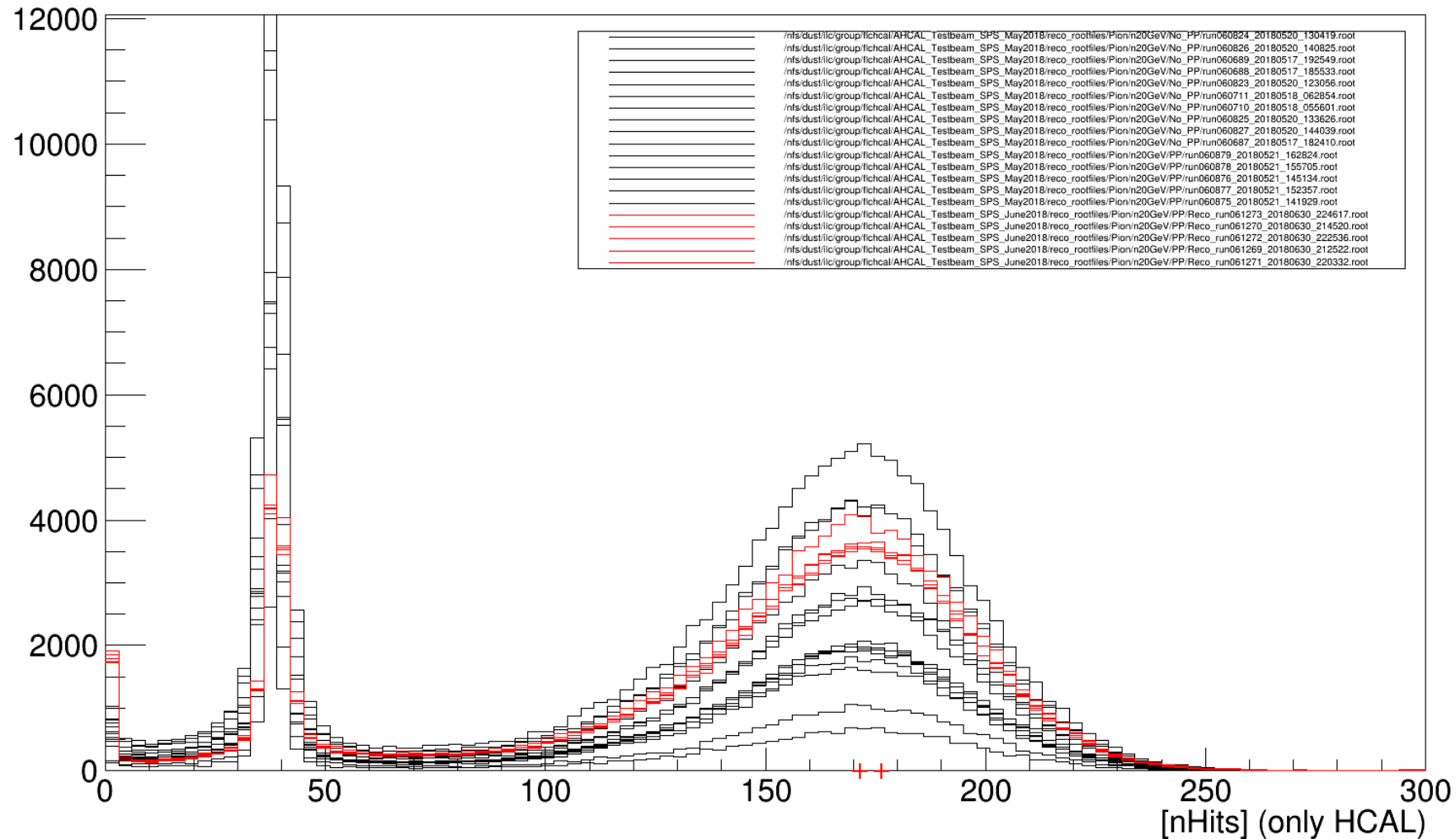
Significantly less
electron contamination
in June



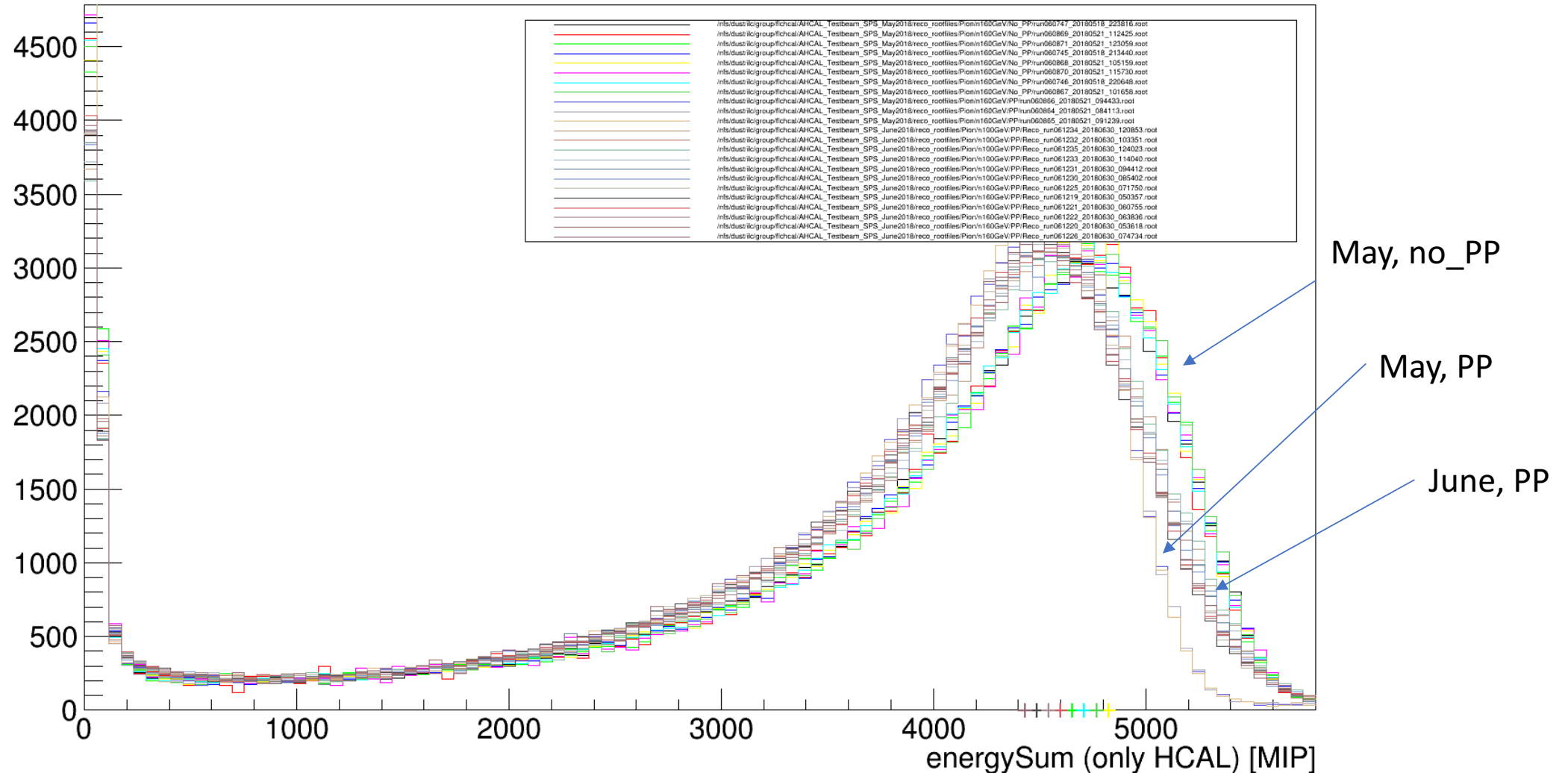
20 GeV ('good')



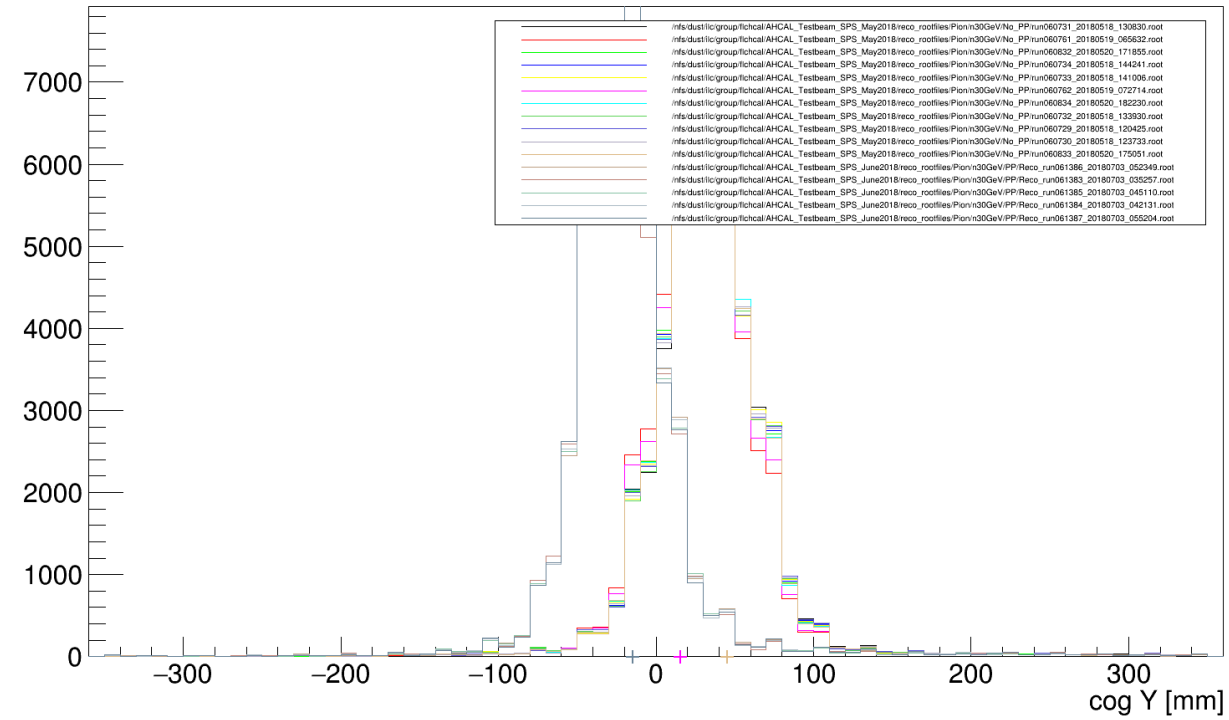
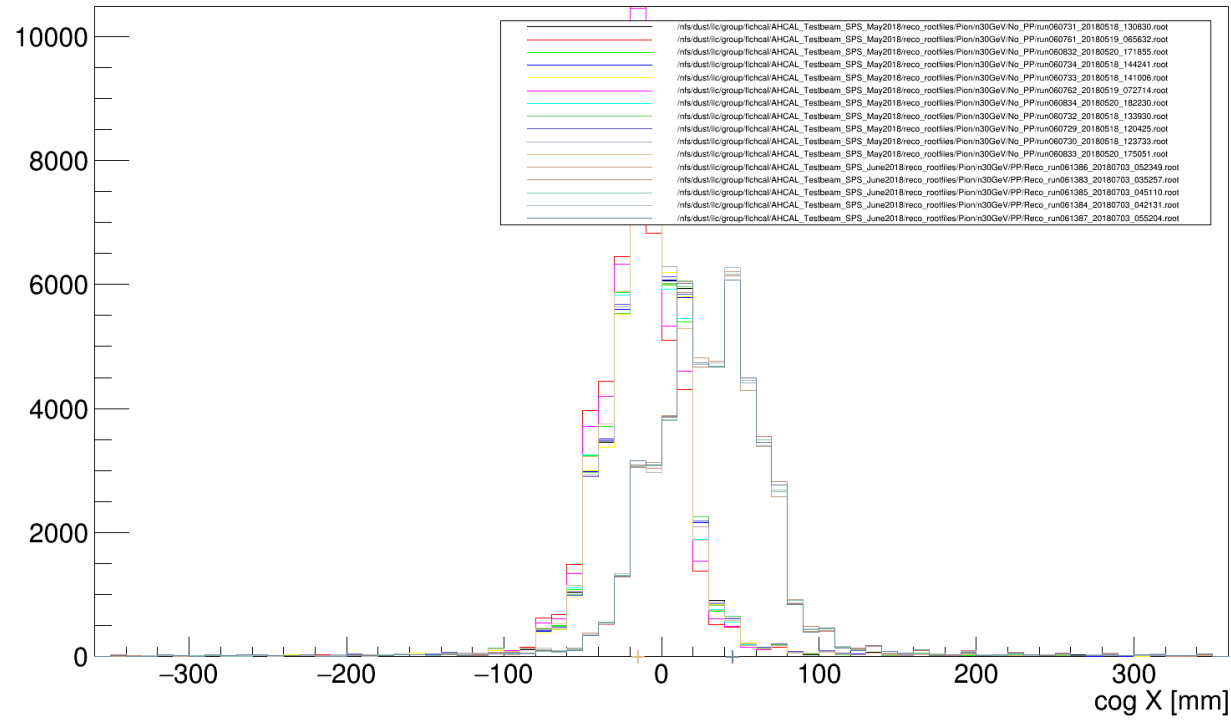
20 GeV ('good') – not normalized



eSum is less beautiful: (here 'good' 160 GeV)



Center of Gravity X & Y (30 GeV ‘good’)



Outlook

- May pion quality check ✓
- June pion quality check ✓
- Documentation on confluence
- Push root macros to stash