

Single Neutron Samples v2 3 discussion and continuing neutron calibration

New results

- **Summary**

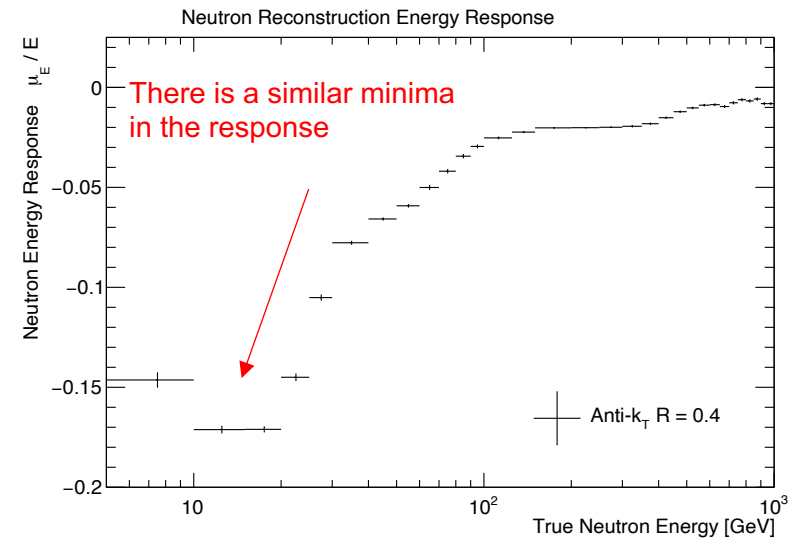
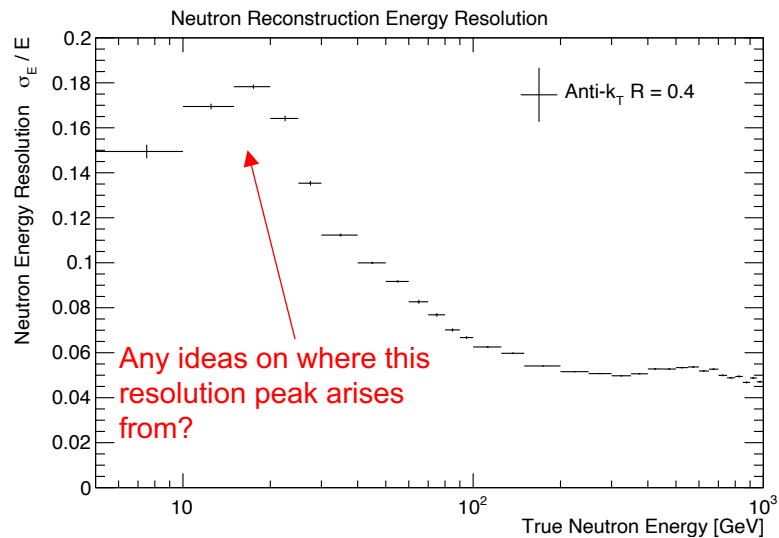
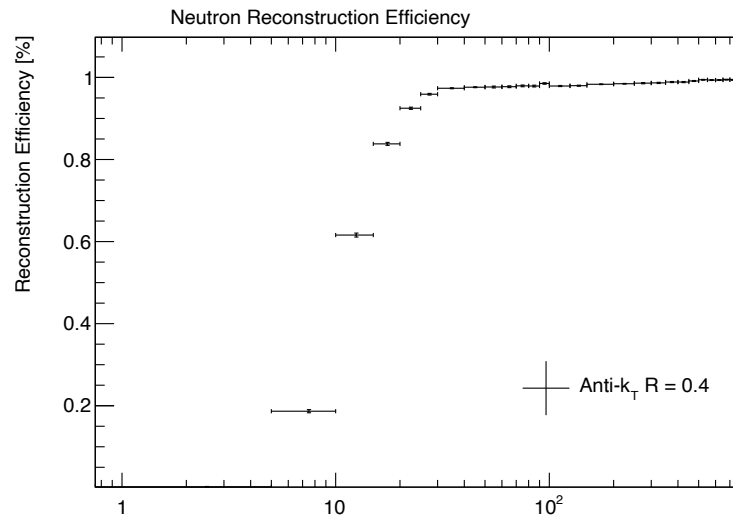
- Looked at reconstruction resolution/response for 0-1000 GeV neutron samples
 - Kiley raised question about a peak in the resolution around 20 GeV
- I continued calibration plots following Rose and Tova
 - However, there seems to be a surprising difference between the 0-50 GeV batch and the rest of the samples
 - This is likely a bug that I have had trouble finding, but I will look more closely on the new computing setup
- ***Also***, we should consider a group name to add to our plots to unify them!

Version 2 Resolution/Response/Efficiency

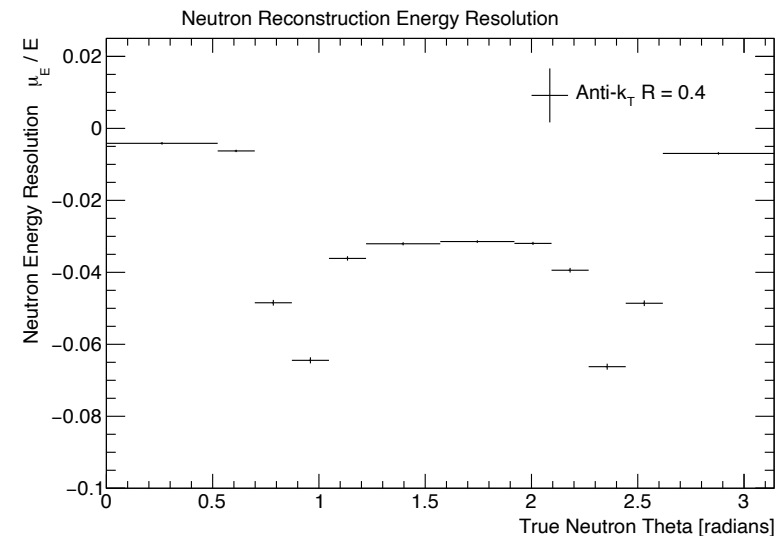
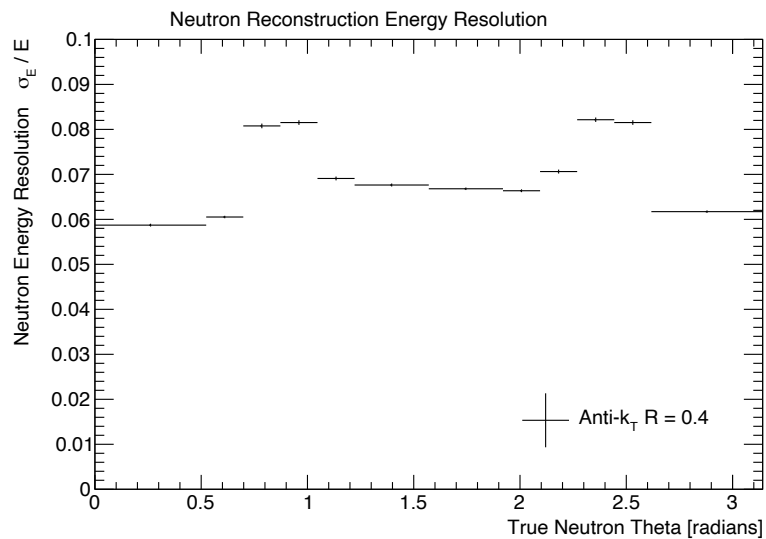
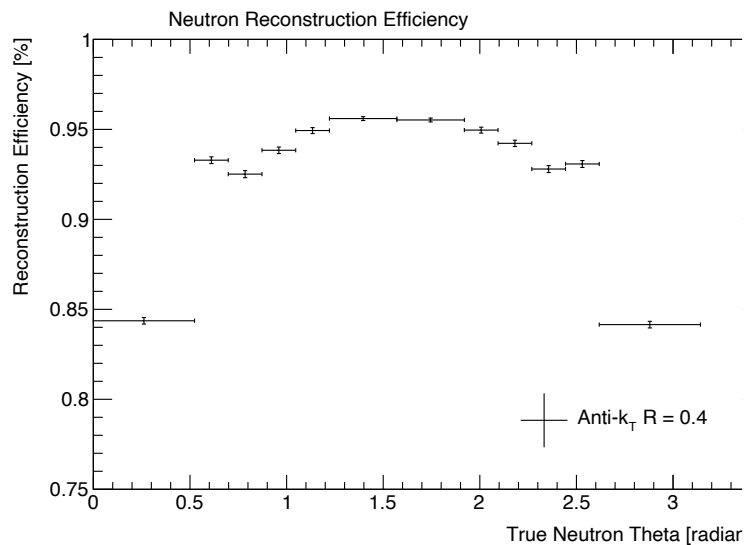
Efficiency

Resolution

Energy



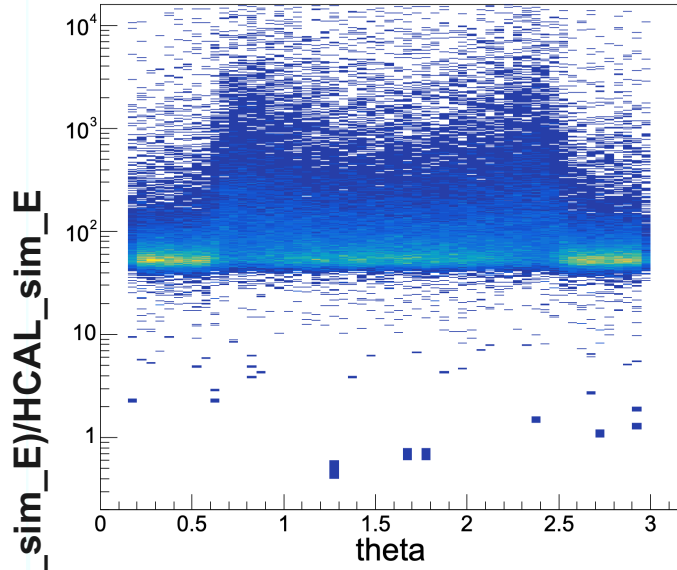
Theta



Initial Calibration Results

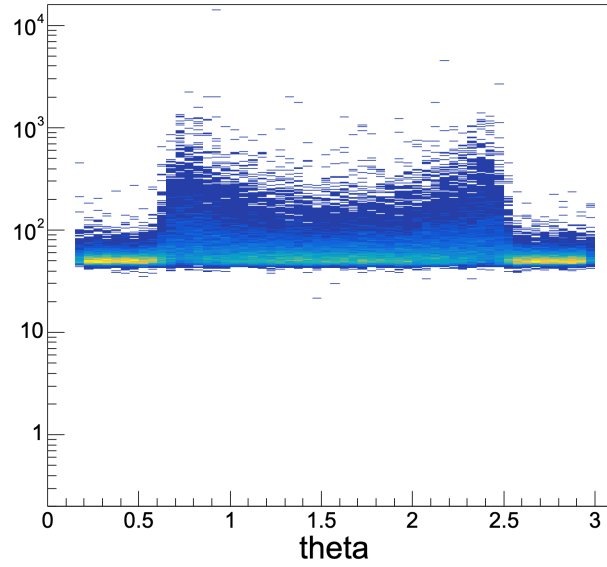
0-50 GeV

theta



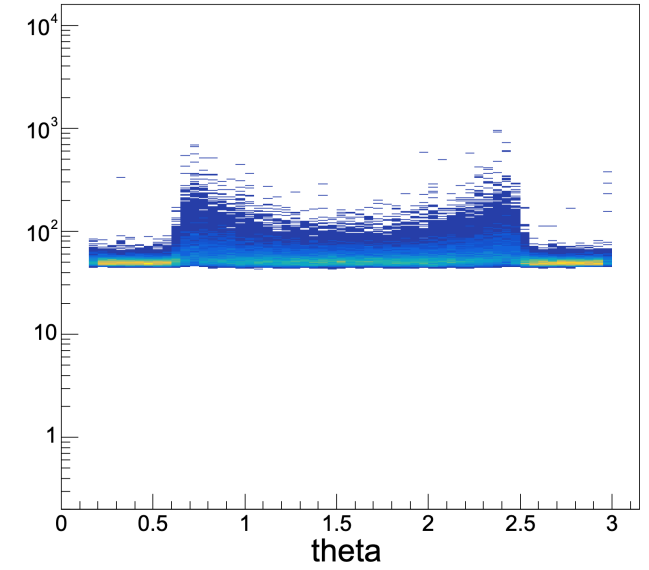
50-250 GeV

theta



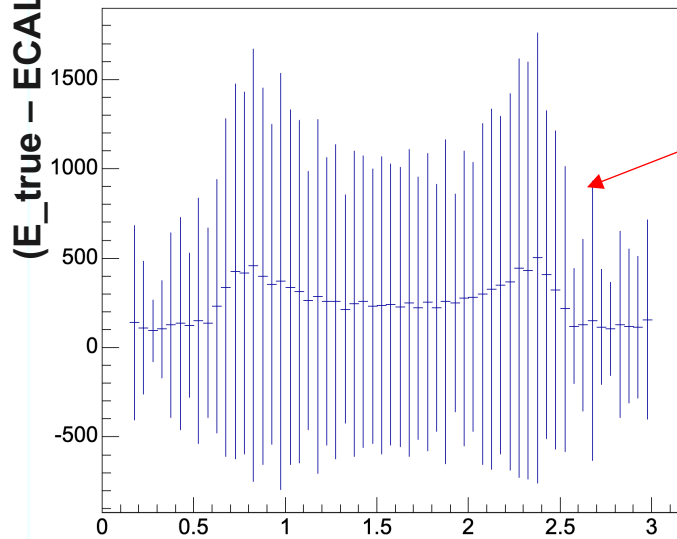
250-1000 GeV

theta

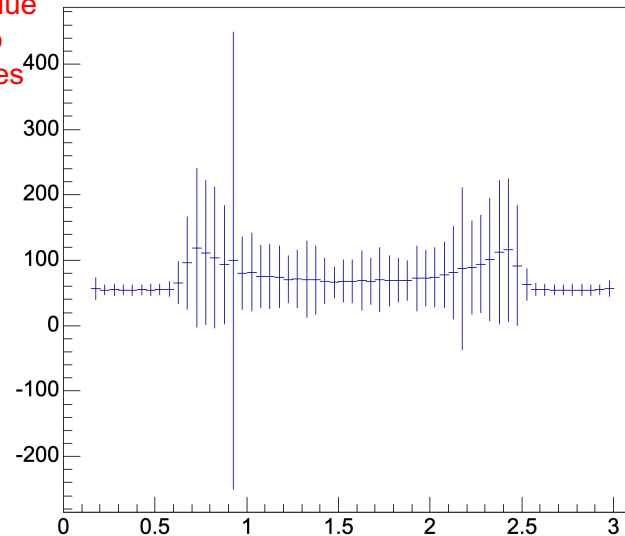


2D Histo

Profile



Much larger error and value compared to other samples



Jun

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