

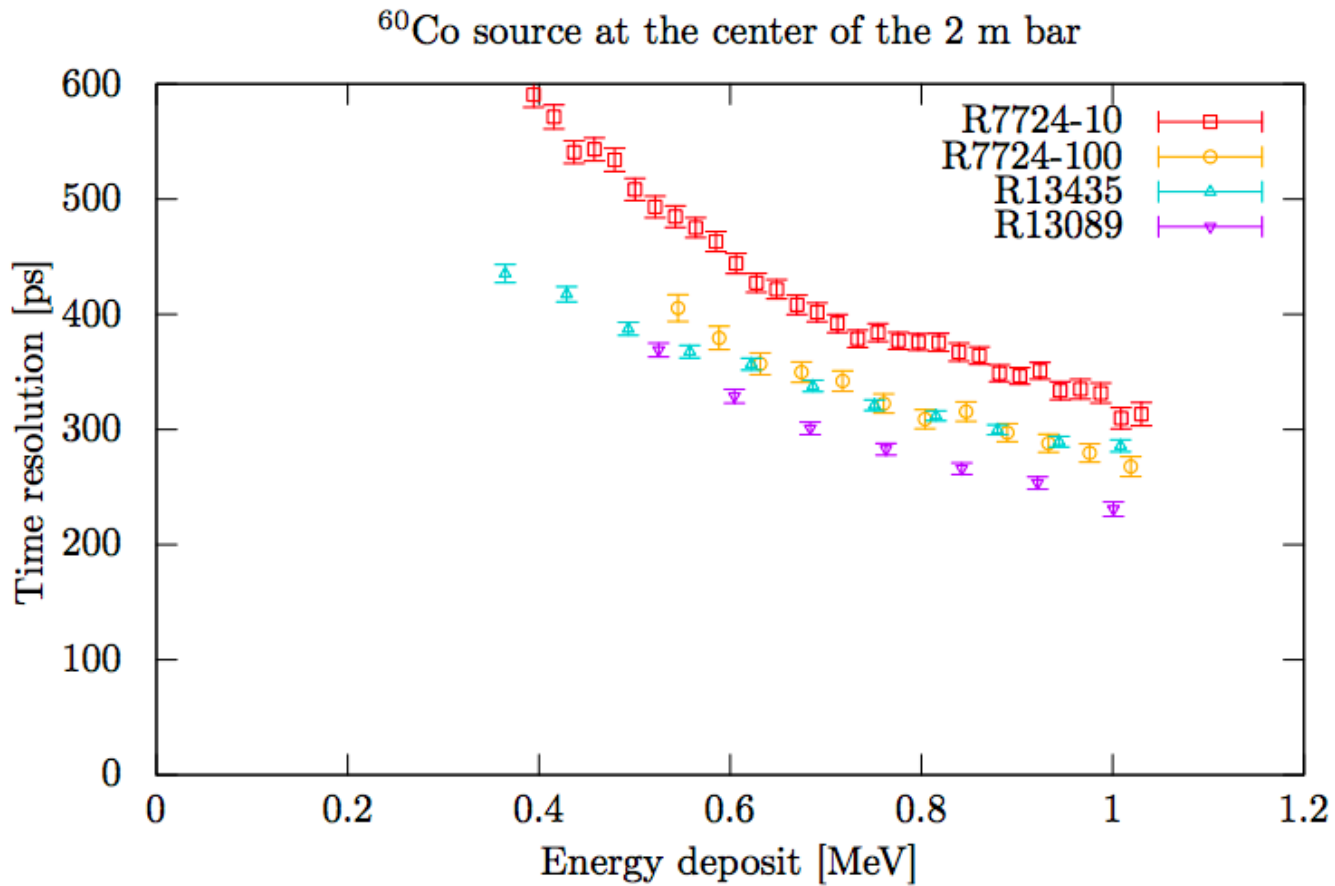
Update on BAND: PMT Resolutions

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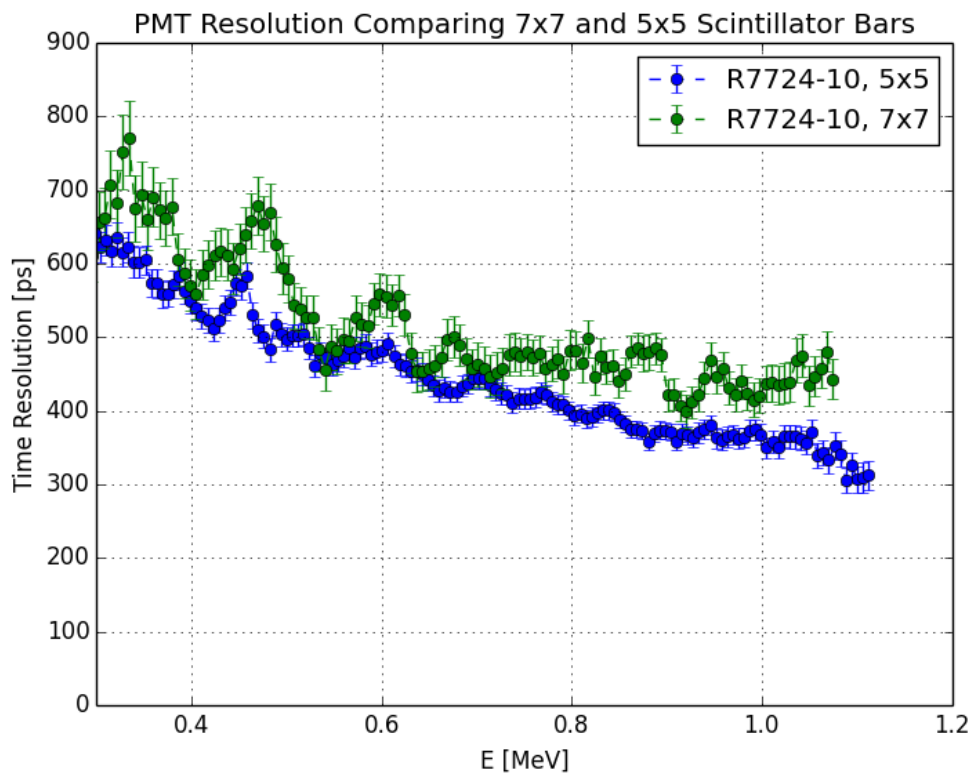
Methodology

- Test various sources (Co, Cs, Na) on setup to get ADC-to-energy calibration
- Goal: investigate PMT resolution as function of energy
- *For these plots, the sources are depositing energy at the center of a 2 meter bar*

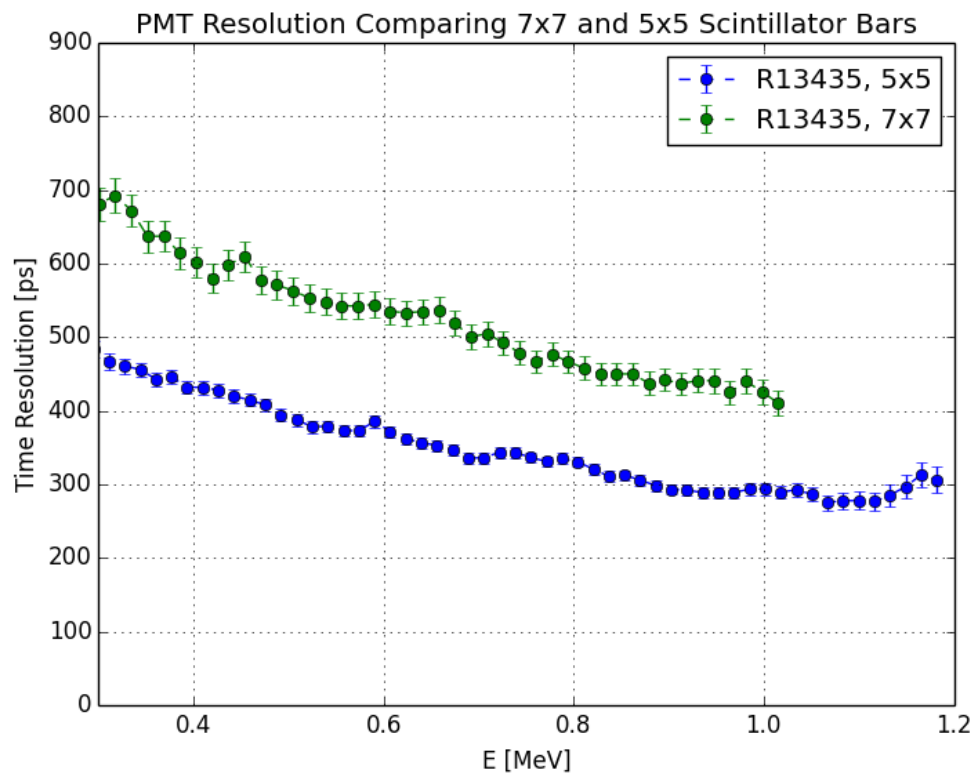
Previous Results by Axel & Adin



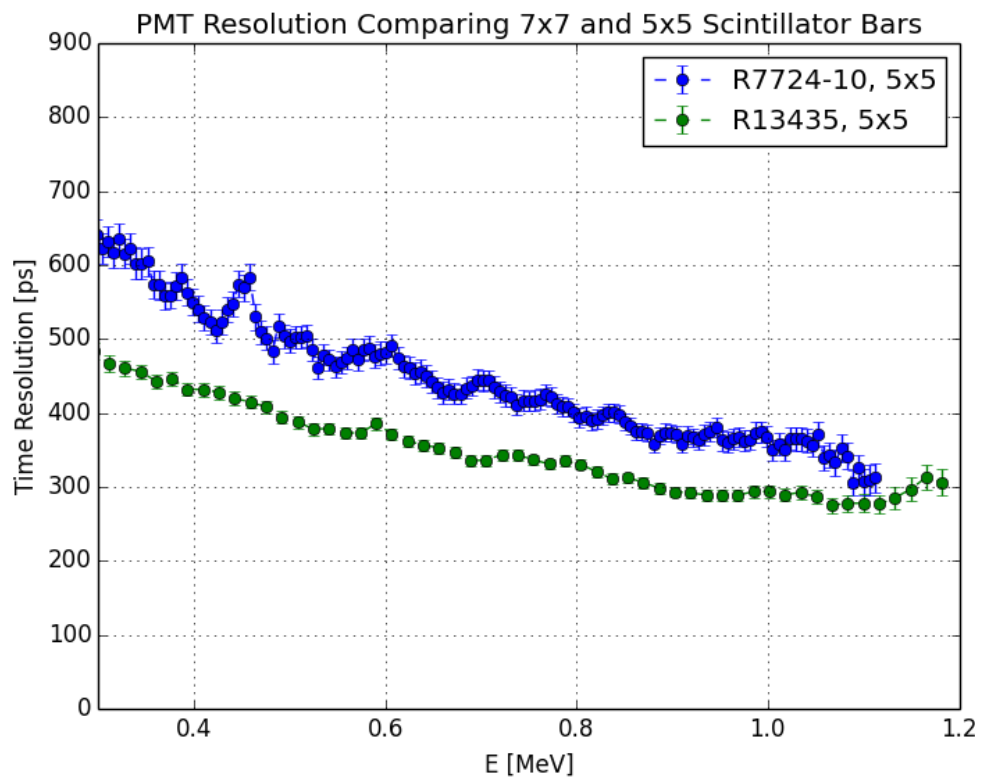
Same PMT



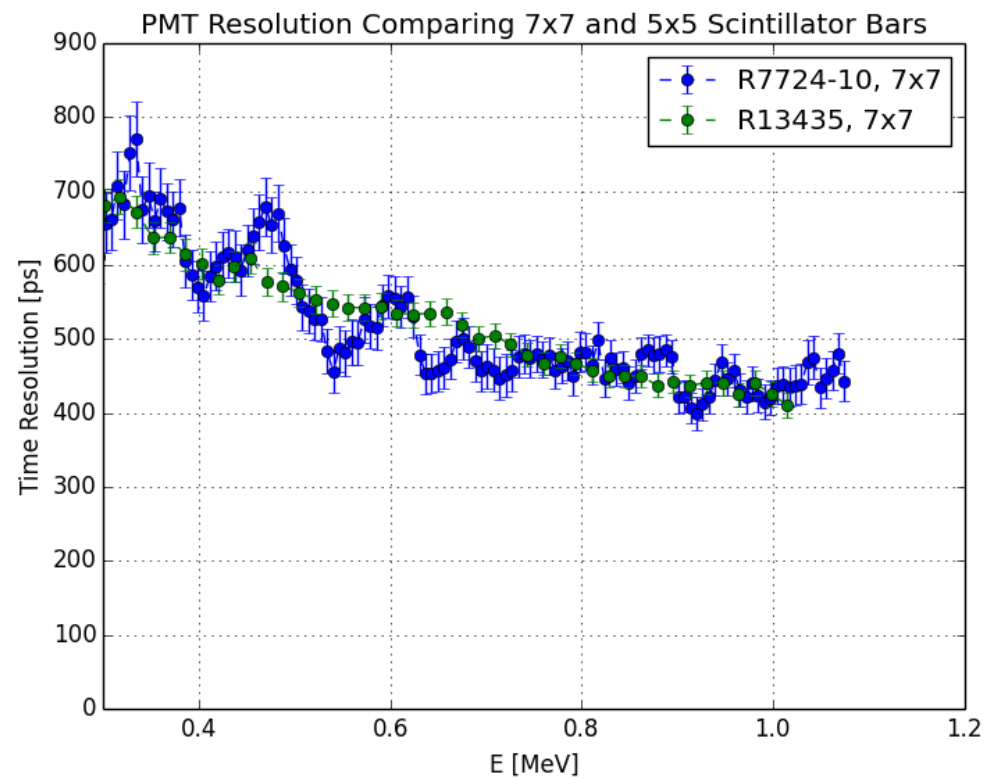
Same PMT



Same Bar



Same Bar

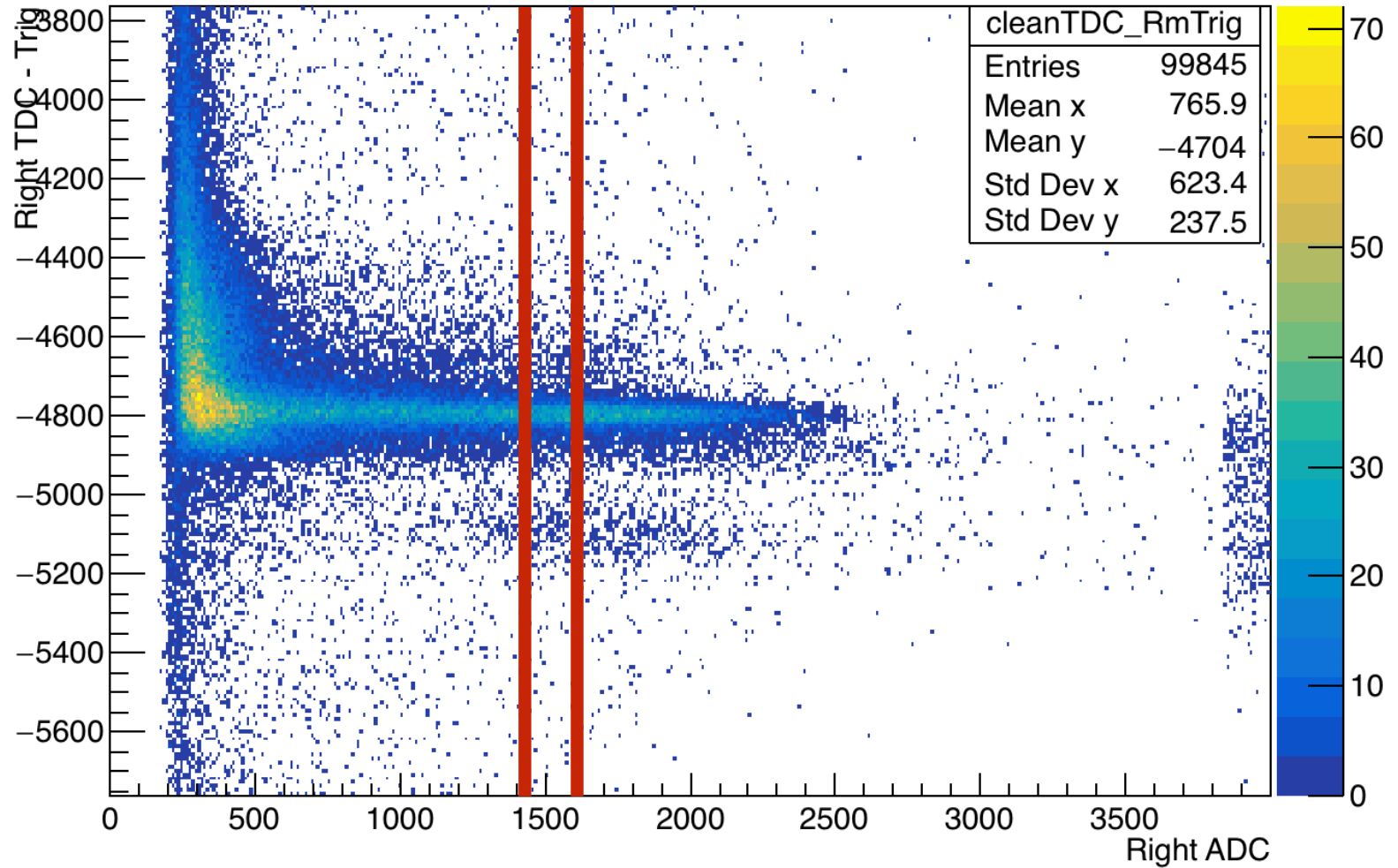


To Do

- Test 7x7 bars with light-guides & other PMTs
- Finish Geant4 simulation work

Back Up Slides

Right PMT - Trigger



Right PMT - Trigger: Sample Projection

ProjectionY of binx=139 [x=1380..1390]

