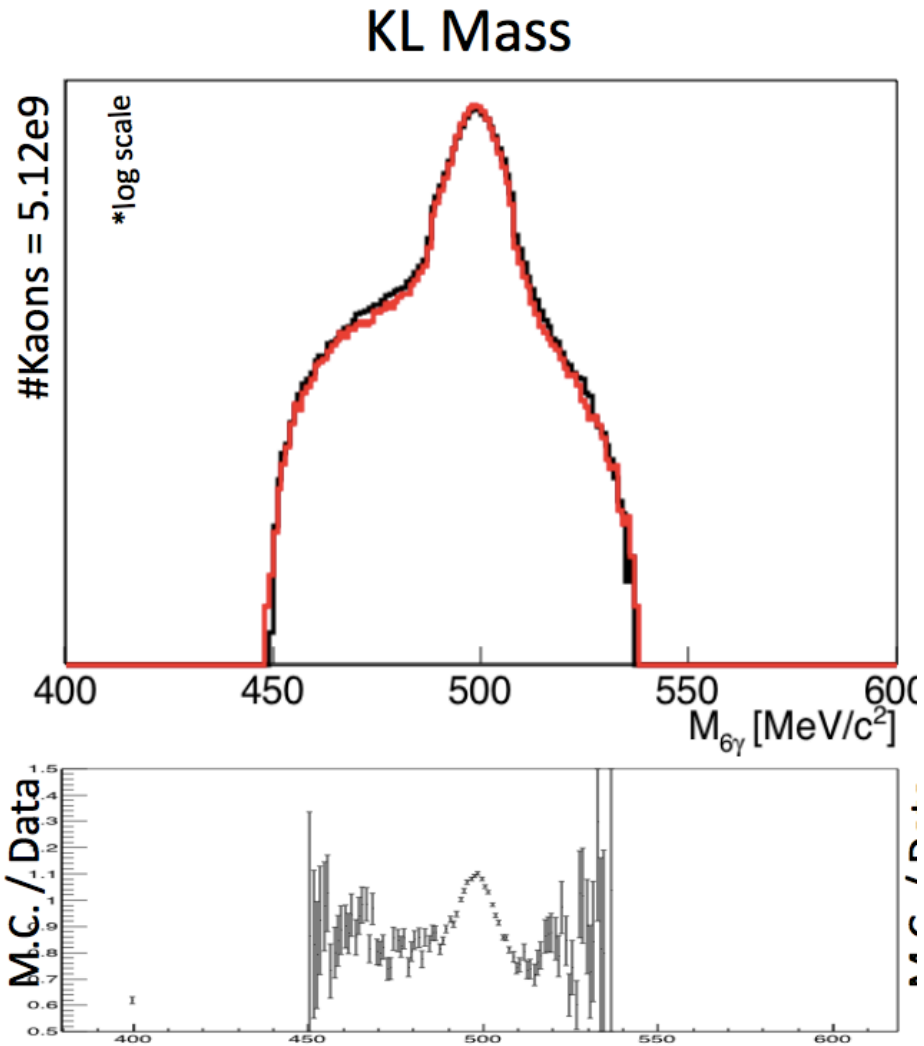
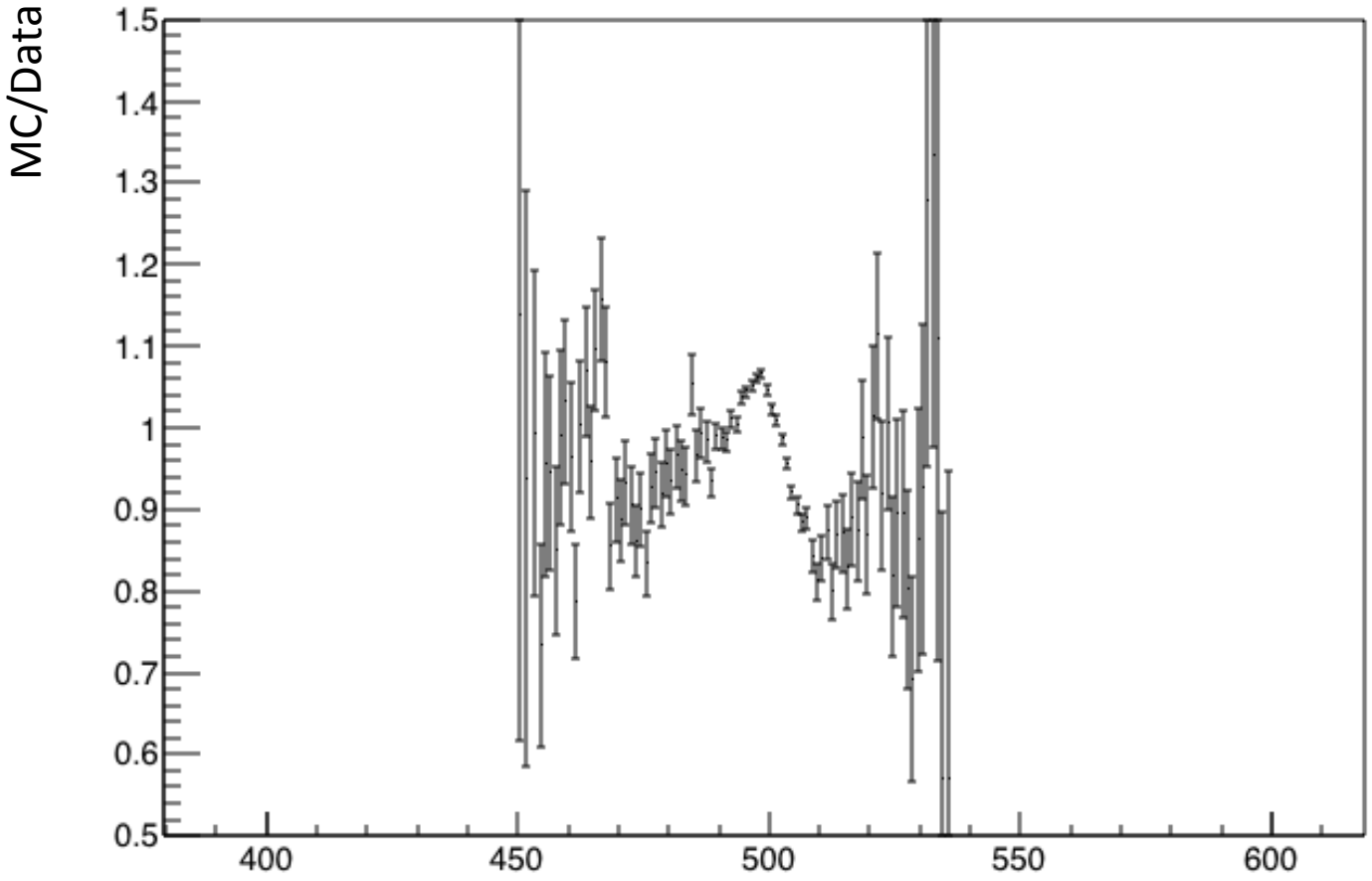
Report 170712

Mass Distributions (Run65)

- Check CsI agreement with g6ana



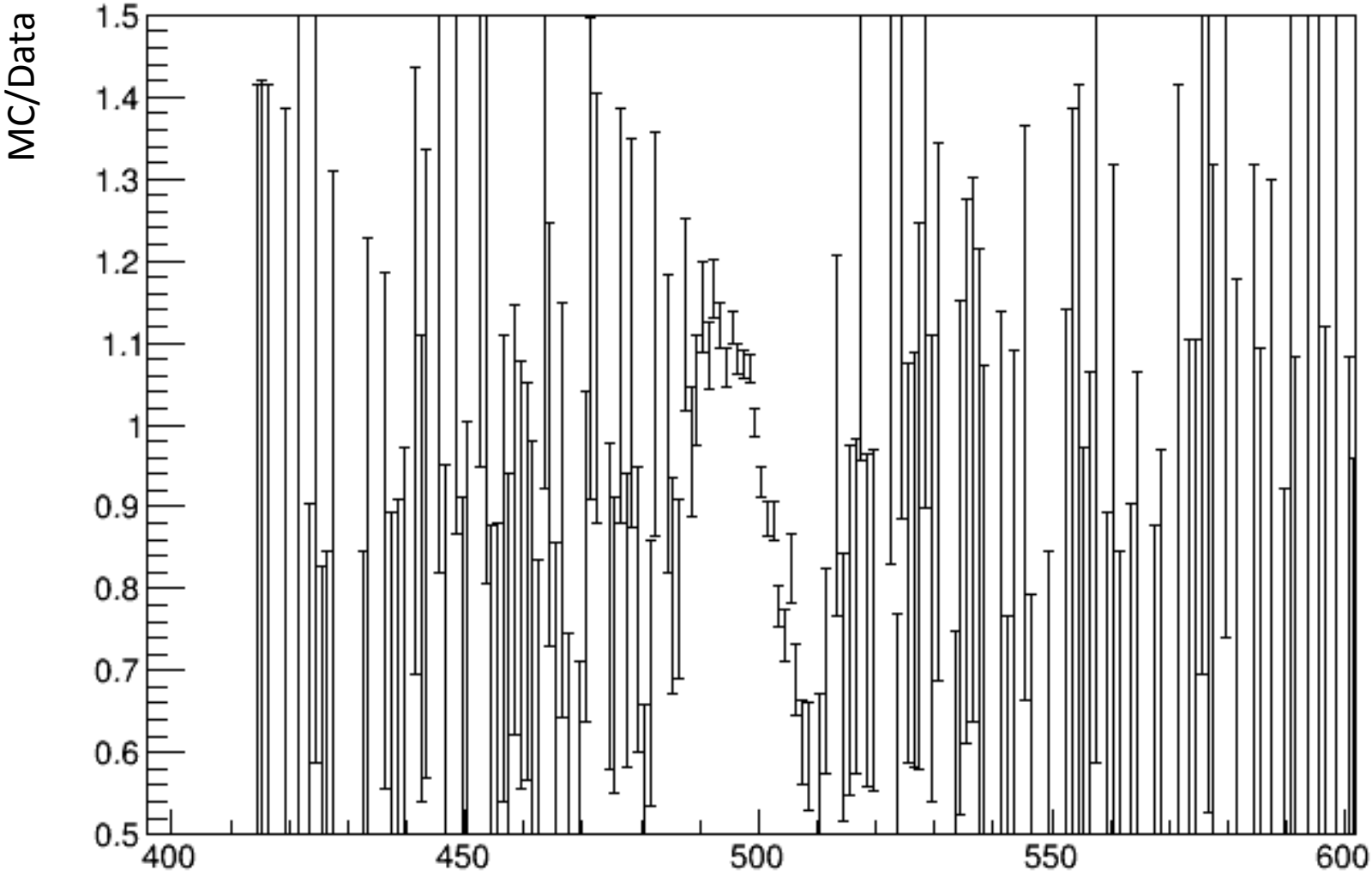
5g+1g with New clustering(Run65)



Discrepancy between MC and Data looks coming from CsI

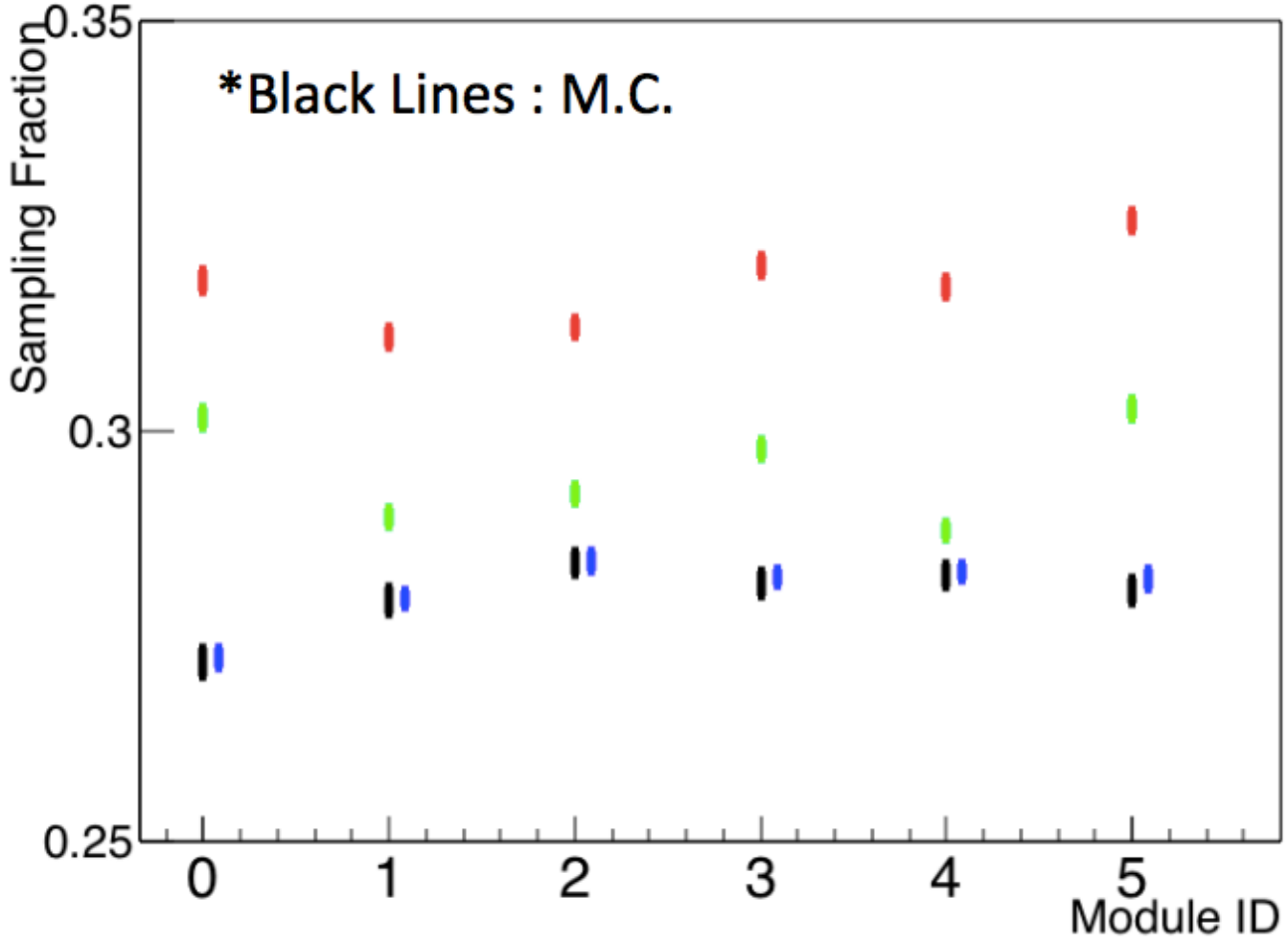
g6ana (Run65)

Area Normalization

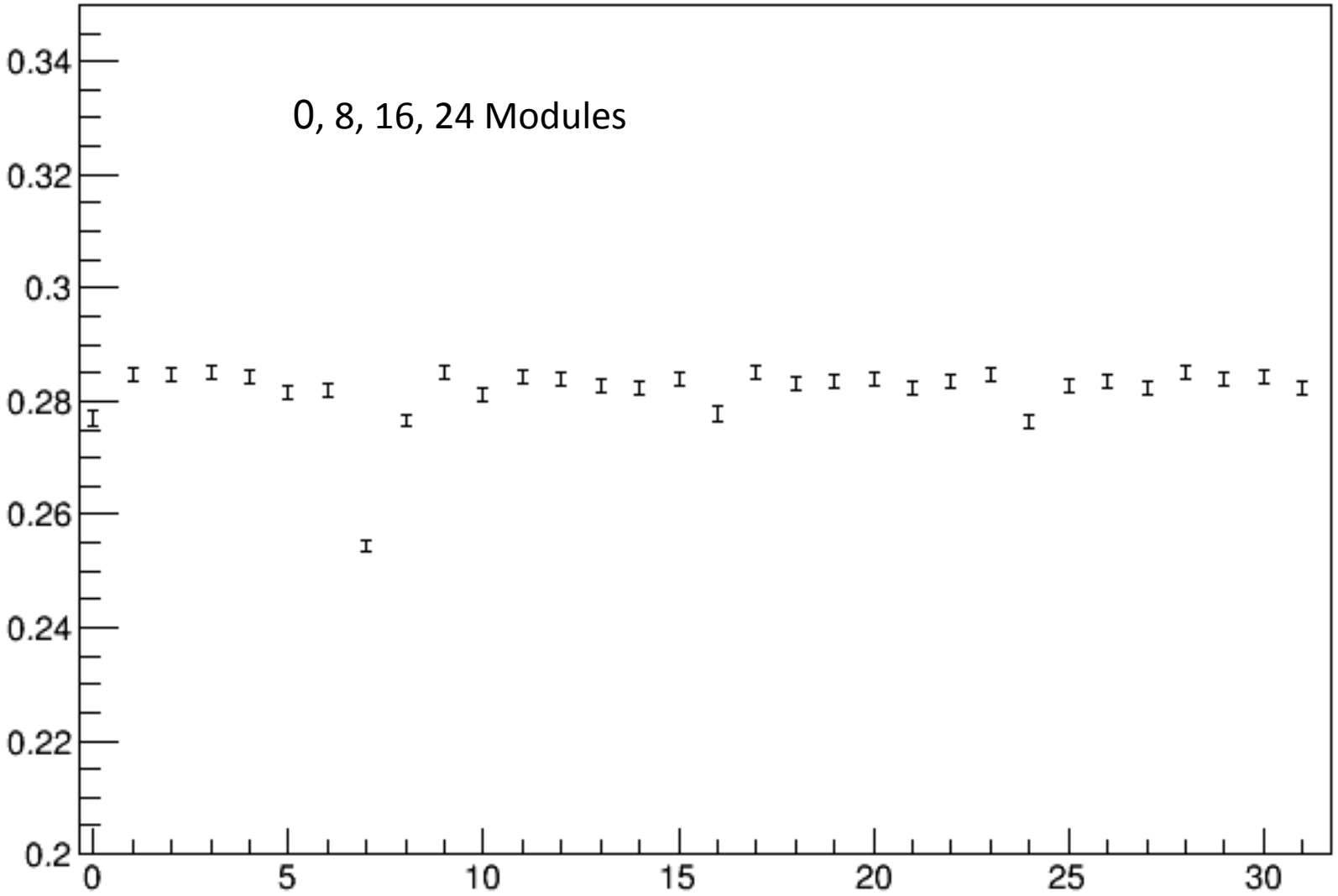


M.C. & Data from shiomi san's production

Sampling Fraction Evaluation

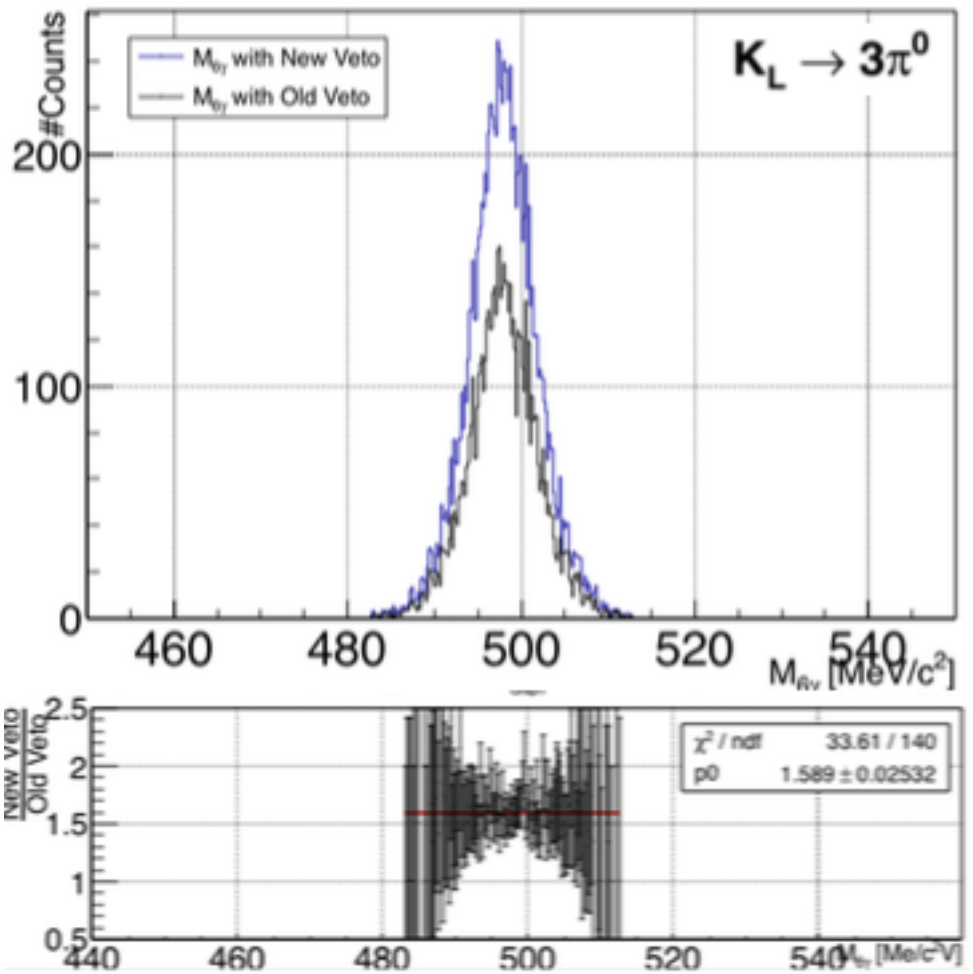


S.F. w/o Acc.



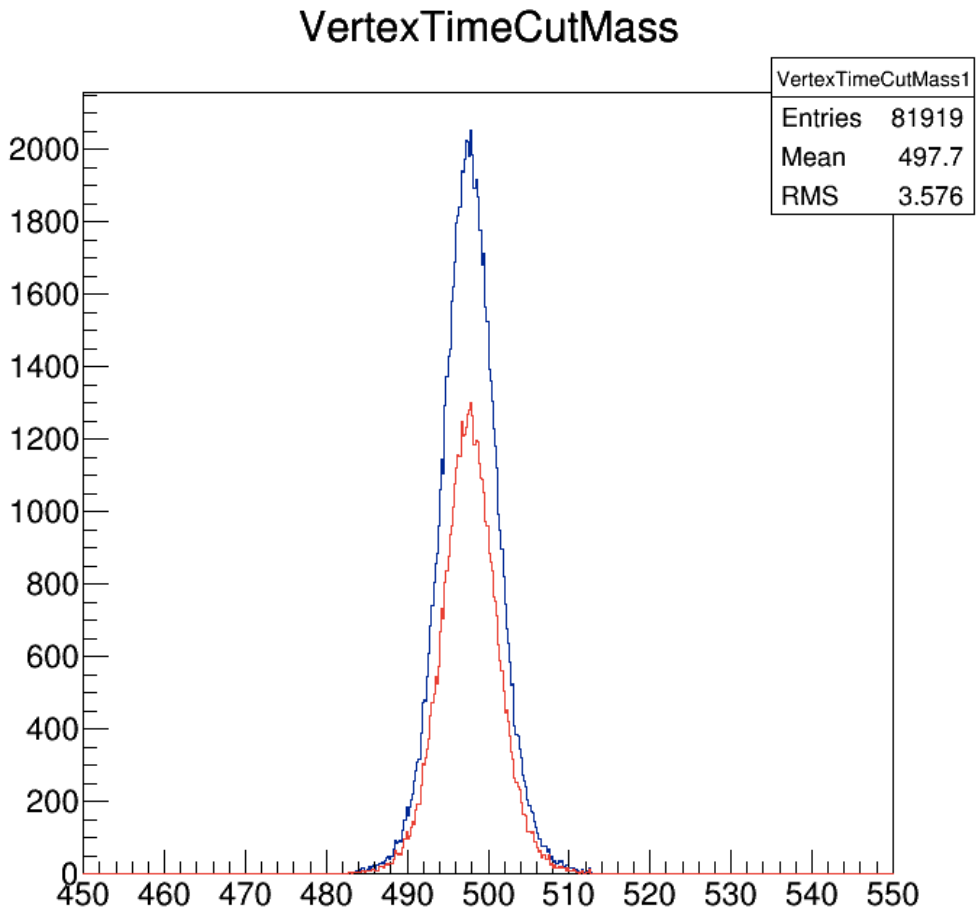
Back Splash Recovery On KL3pi0

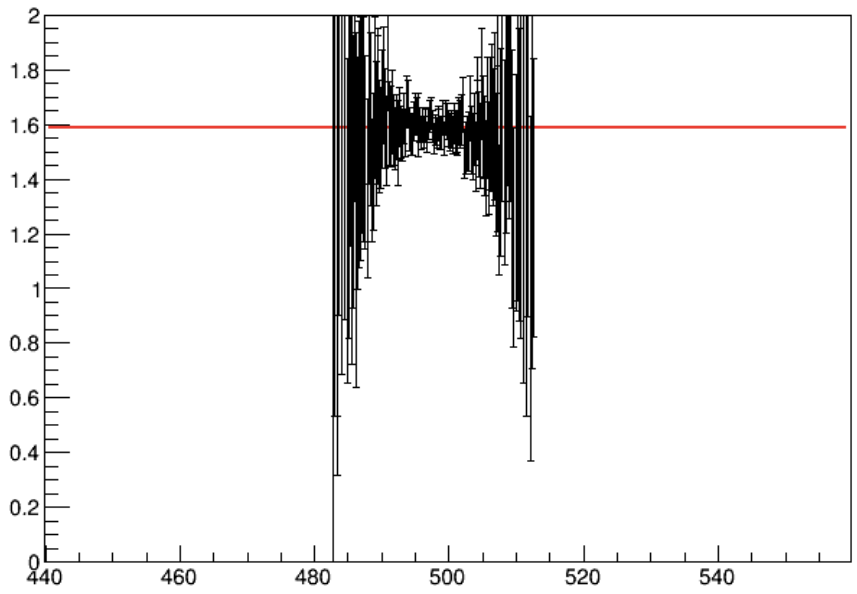
- Need to Check Recovery Efficiency in M.C.



- **60% $K_L \to 3\pi^0$ Recovered**

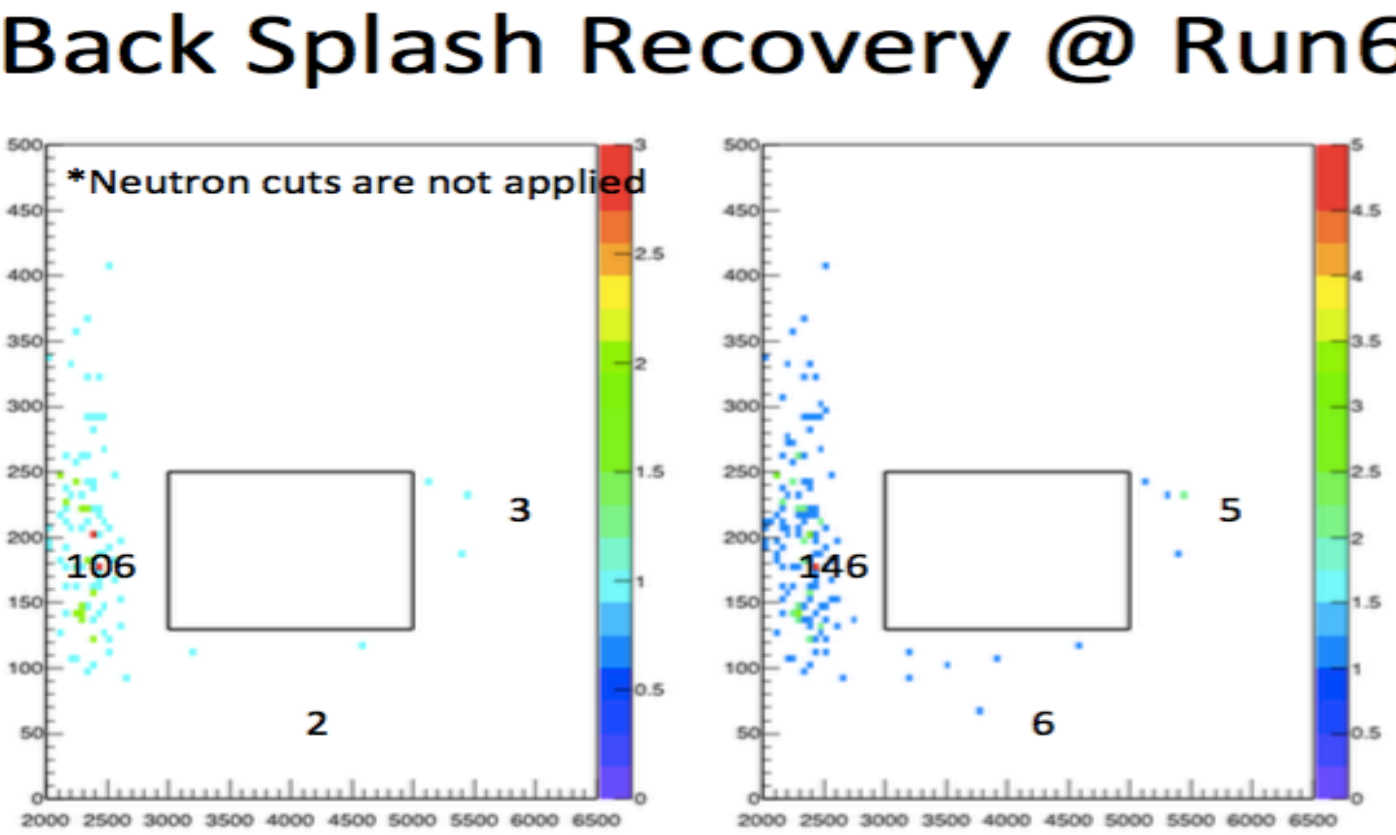
Plots from M.C.





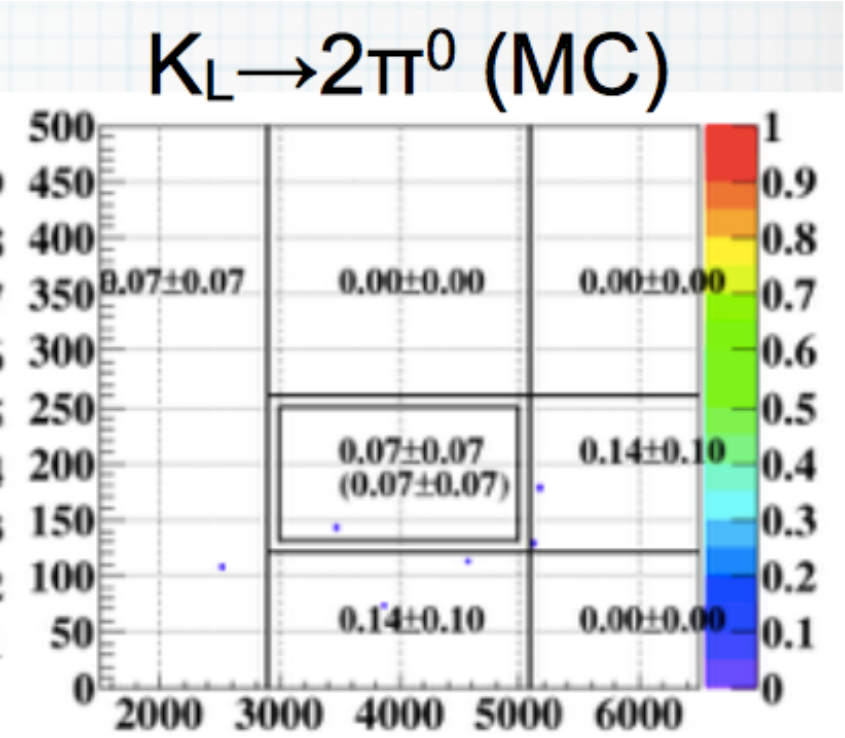
Consistent

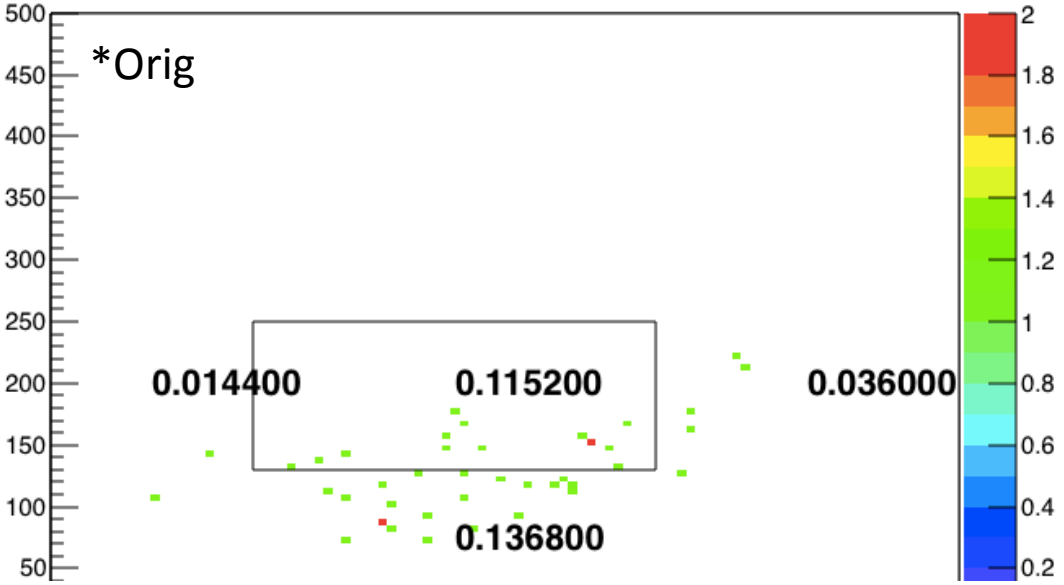
Back Splash Recovery Response

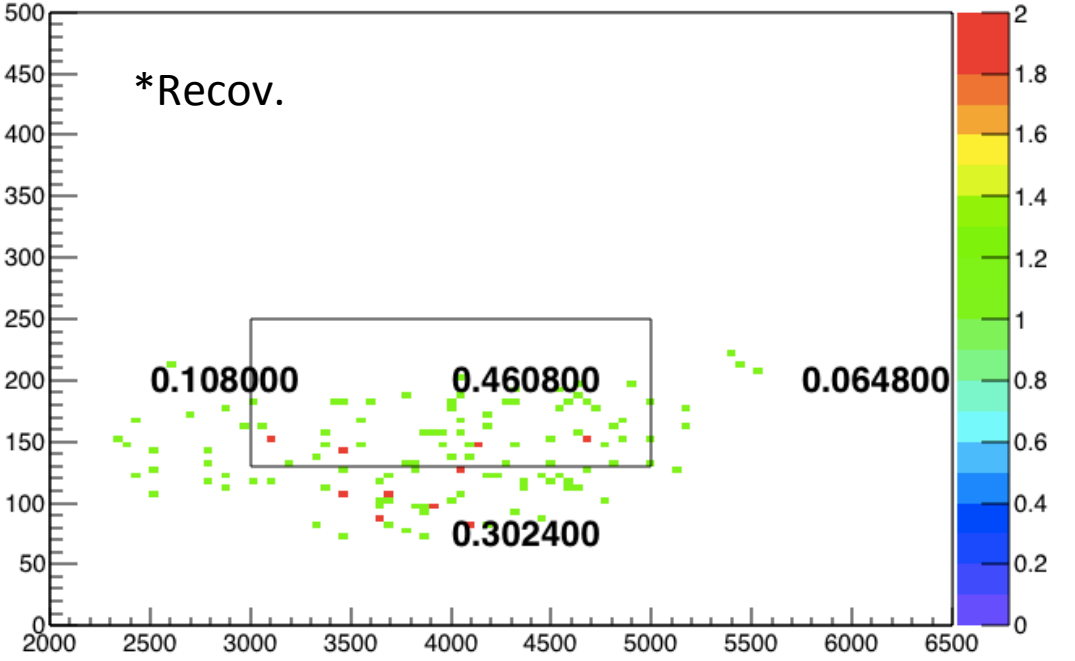


- Background events increased, too.

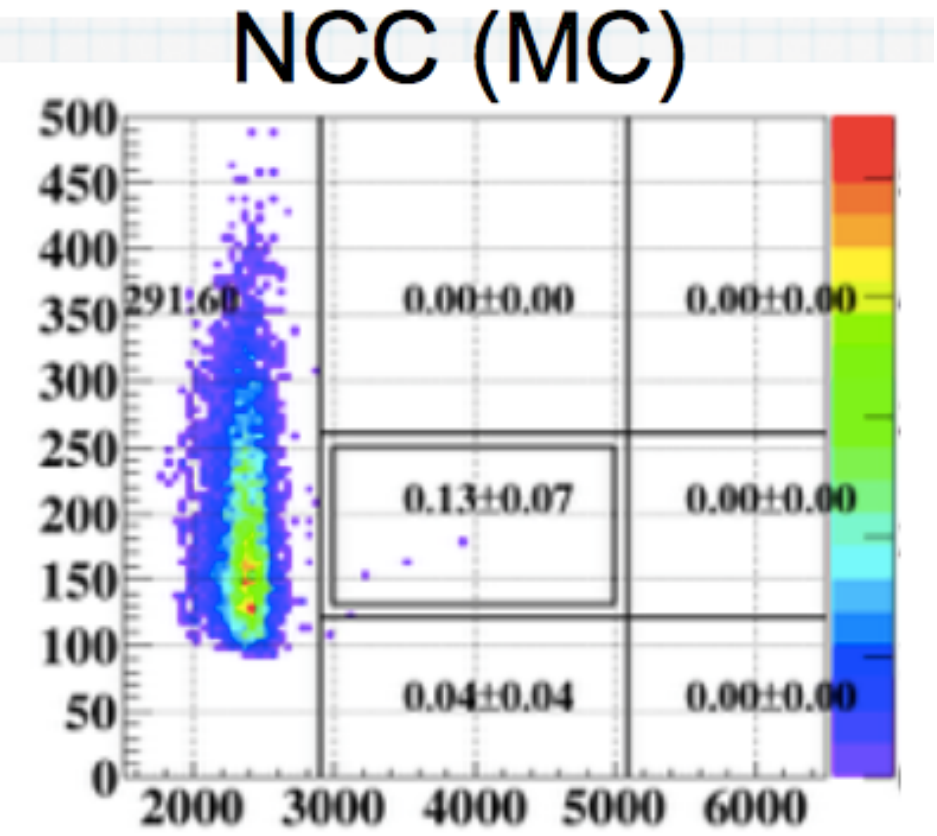
KLpi0pi0 (Run62 Norm)



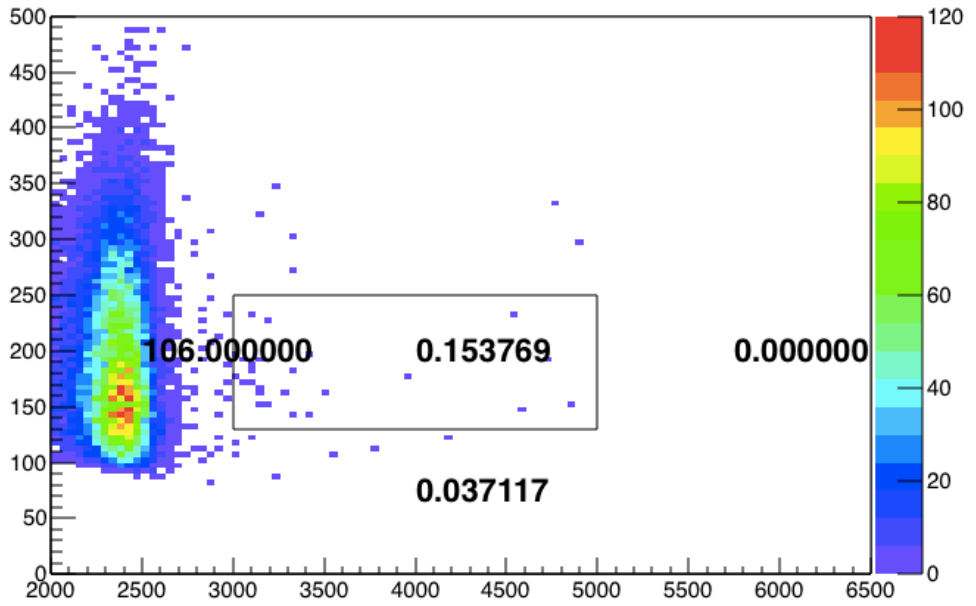


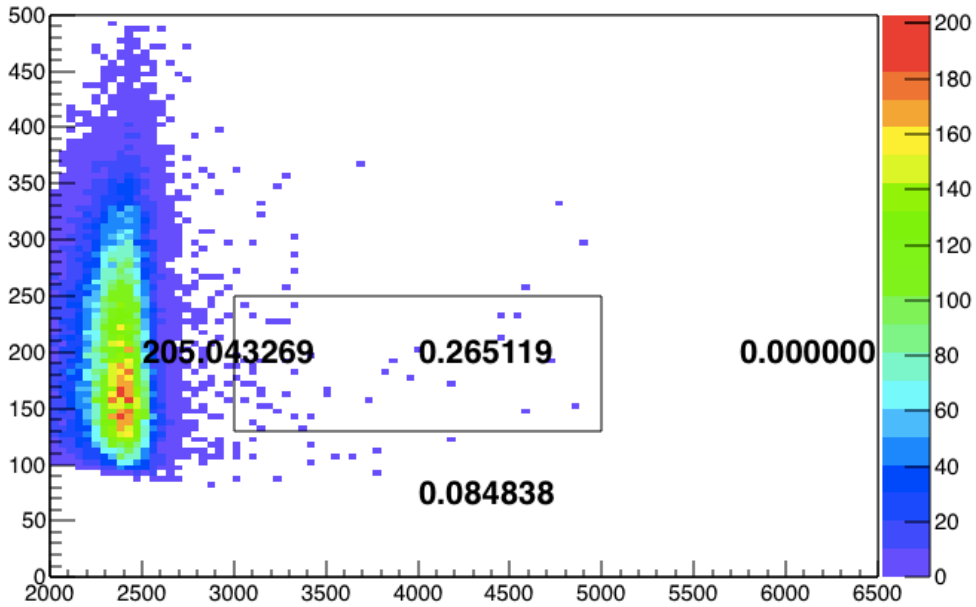


NCC (Run62 event norm.)



M.C. : 106->205
Data : 106->146





More KL3pi0?

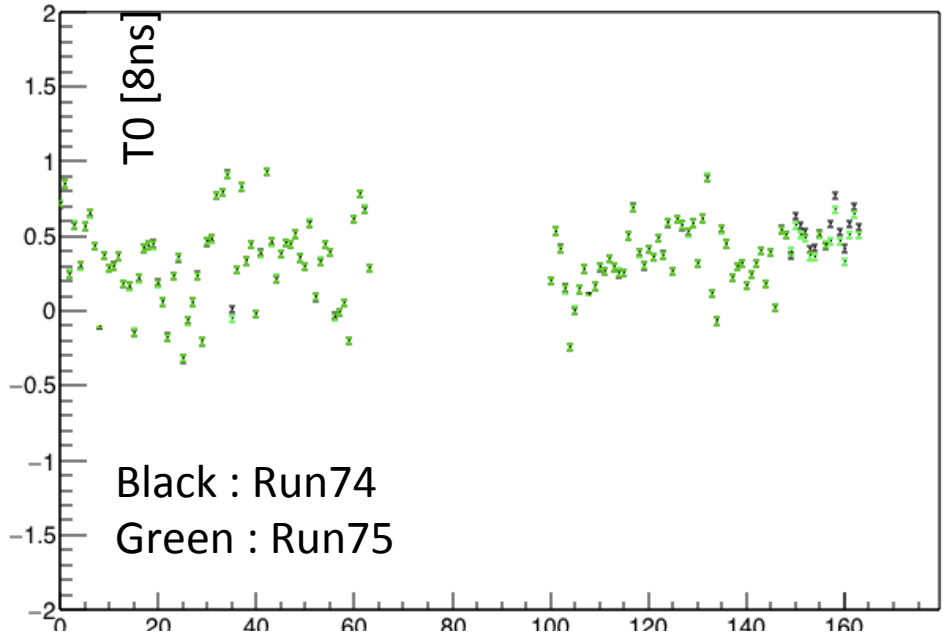
- Currently, 5e2*2e6 KL3pi0 = 5e9
- Run62 KL = 2.6e11
- M.C. Gen. For Run62 KL
  - 2.6e11 / (5.12) ~ 5e10
  - 2e6 * 2.5e4 Generation needed

Run74 & Run75 Calibration

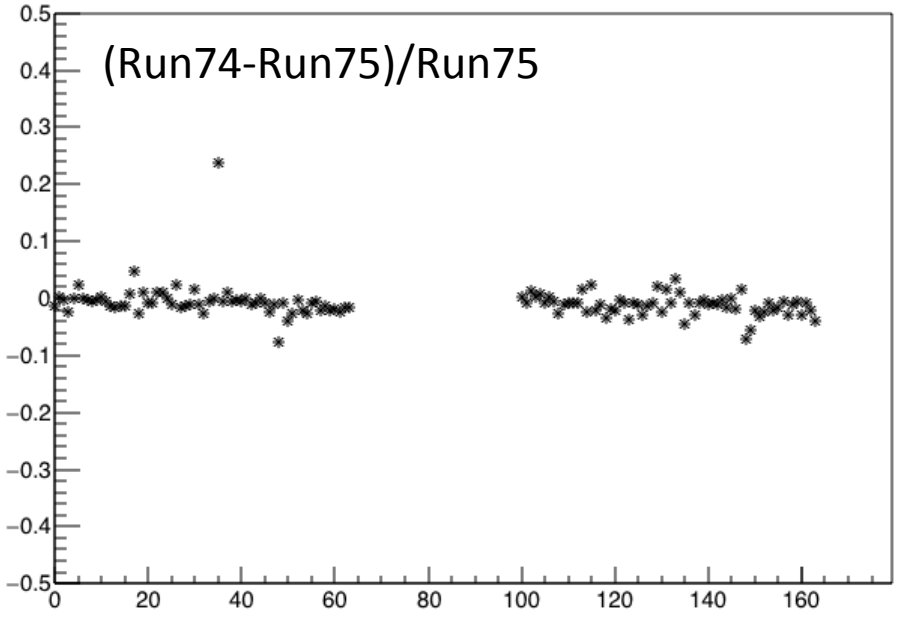
- IBCV 127 Mis-Calibration-> solved
- Calibration Factors are sent to shinohara san.

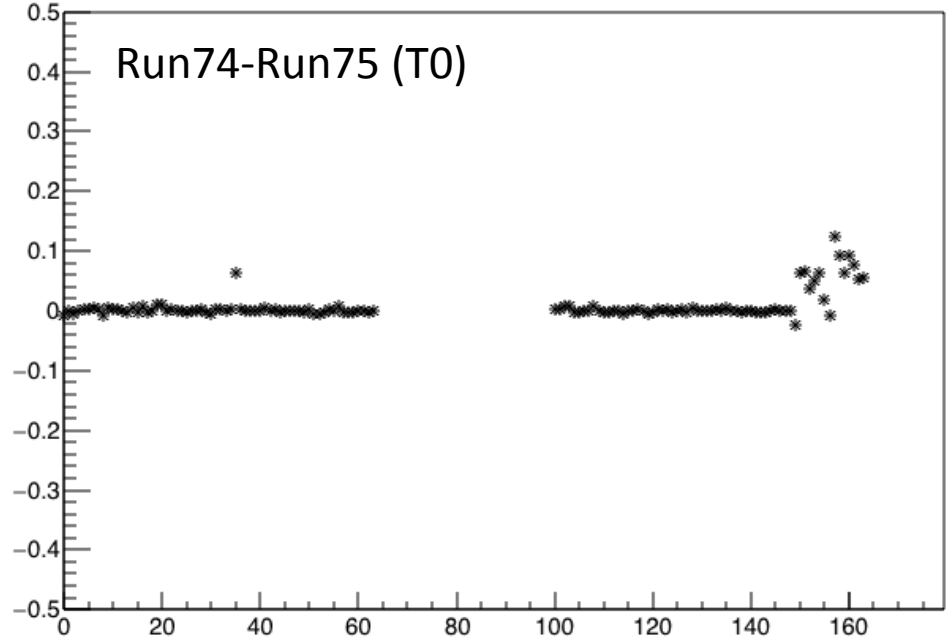
- What kind of plot to explain calibration?

CBAR Calibration Constants

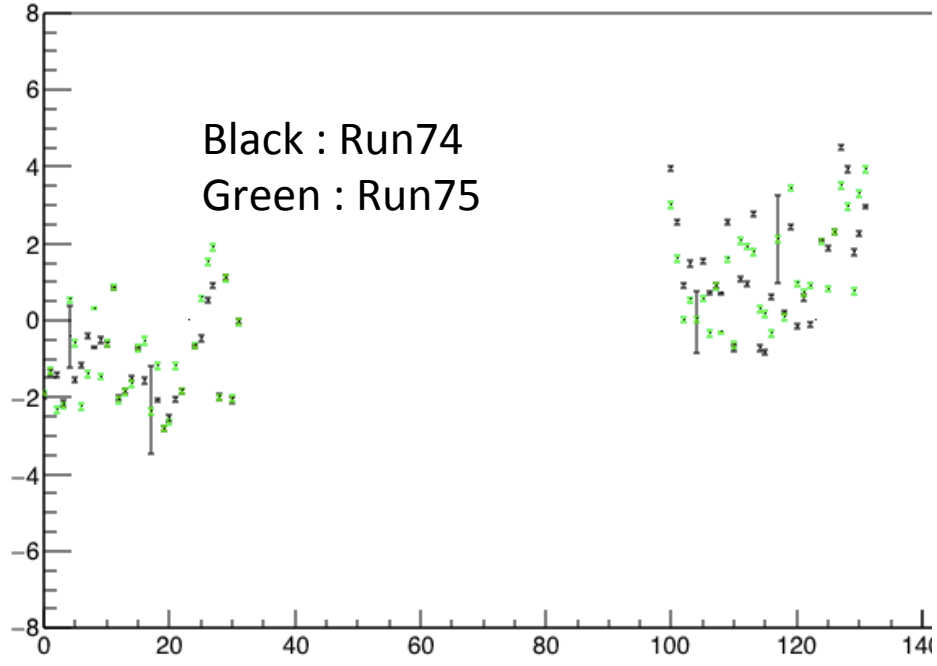


MIP

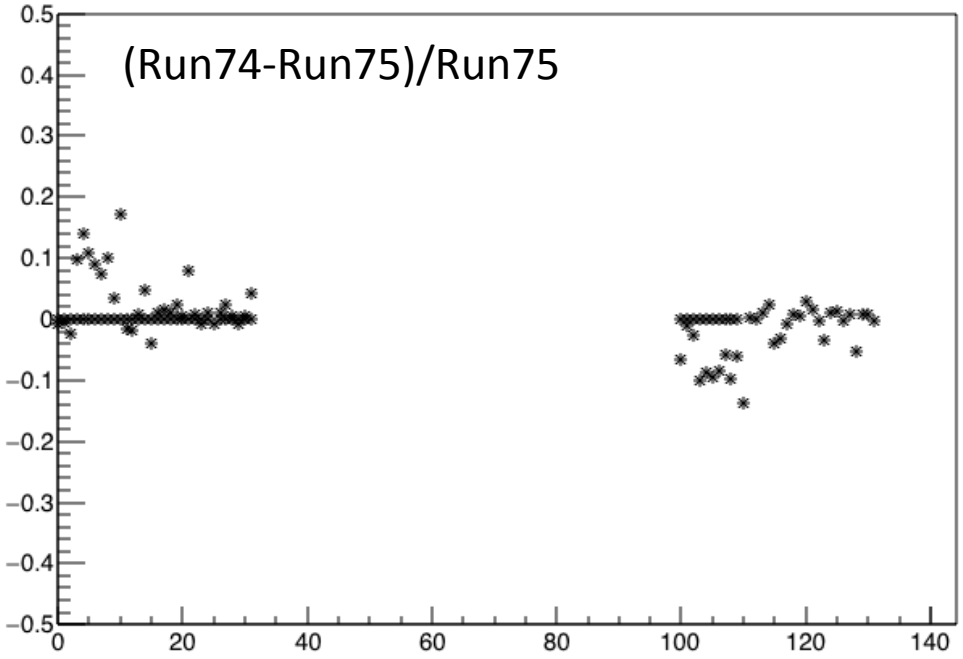




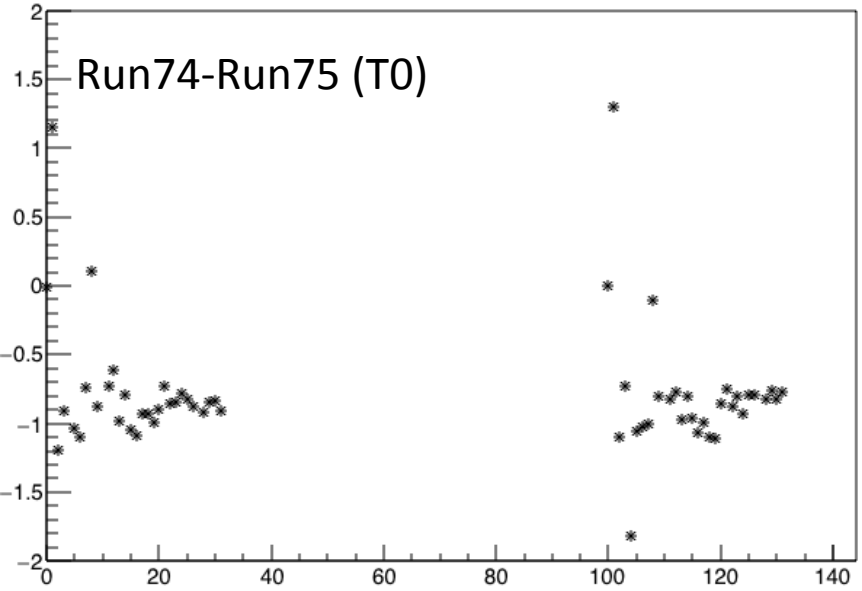
IB Calibration Constants



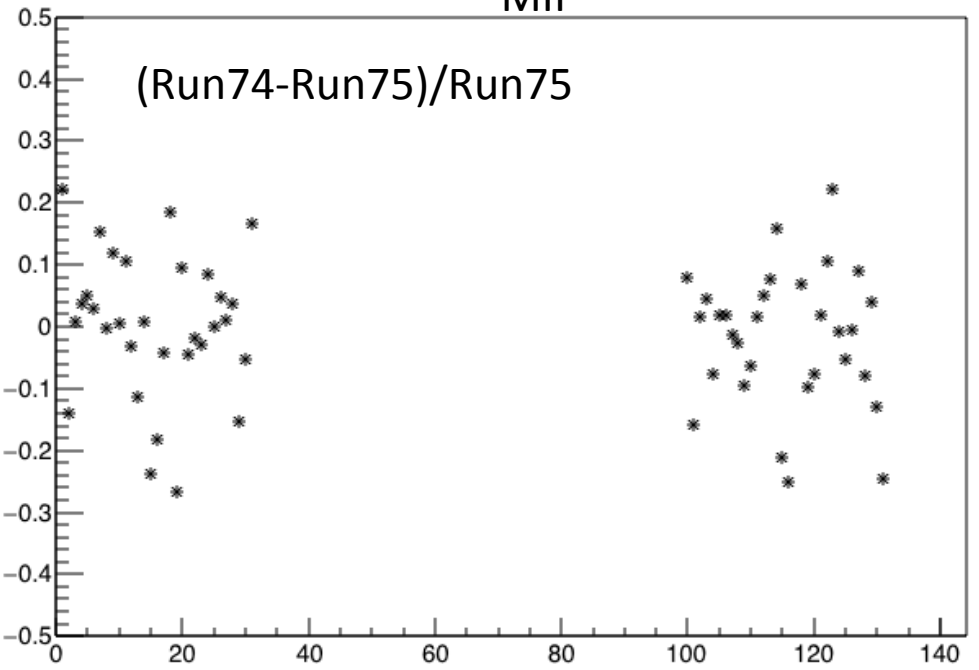
MIP



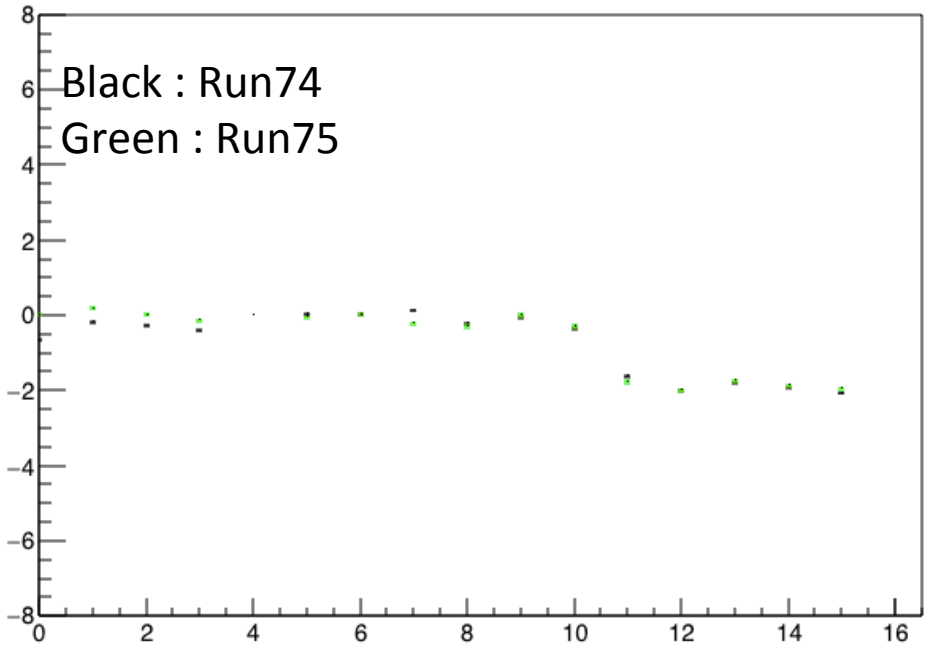
IBCV Calibration Constants

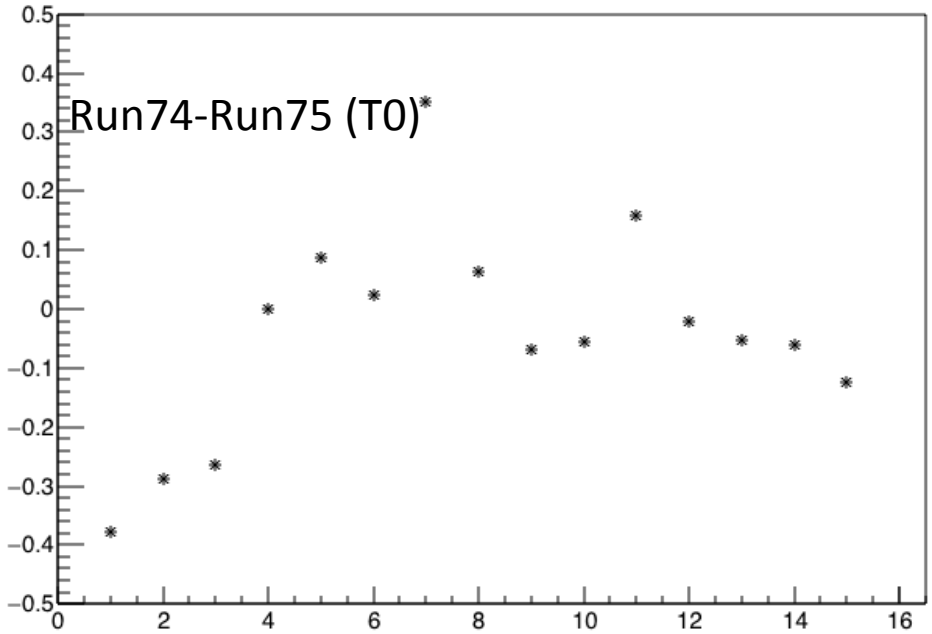


MIP



MBCV Calibration Constants





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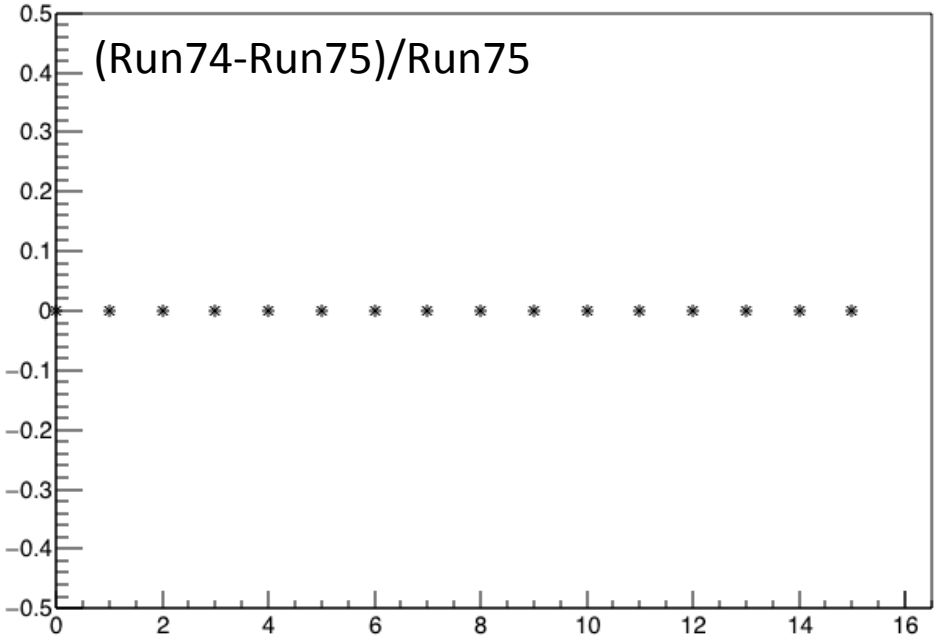
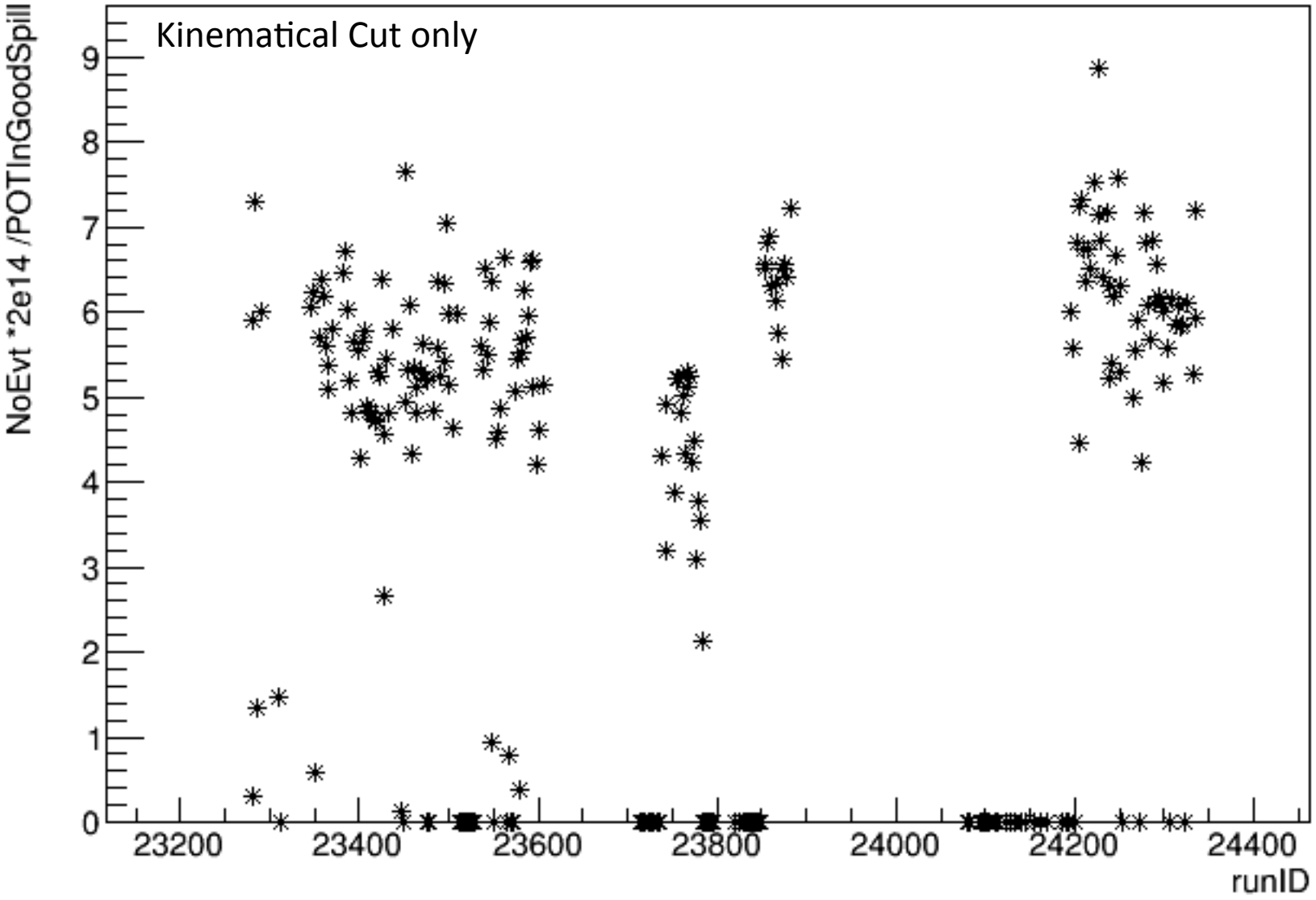


Run69 Flux Study



KLpipipi0 M.C.

- Ongoing..