

SHMS HGGER Calib Update

2023/08/17

Nathan Heinrich

Finished calibration, doing final checks.

Implemented peicewise functions as parameterization

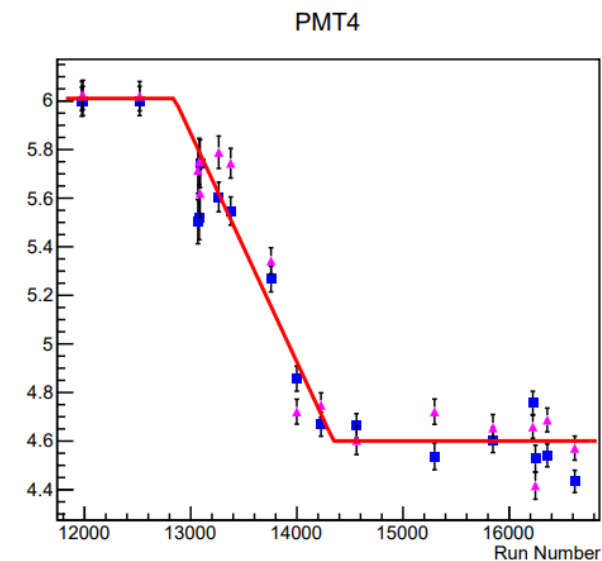
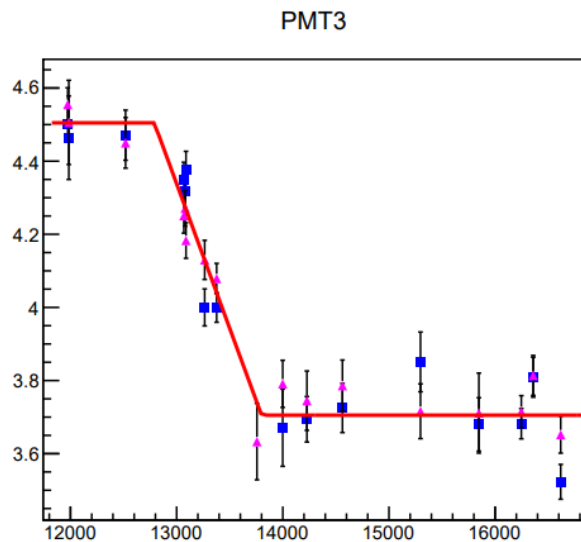
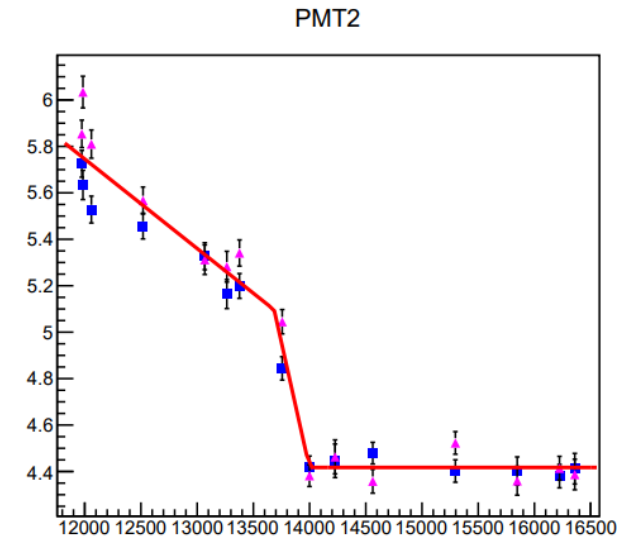
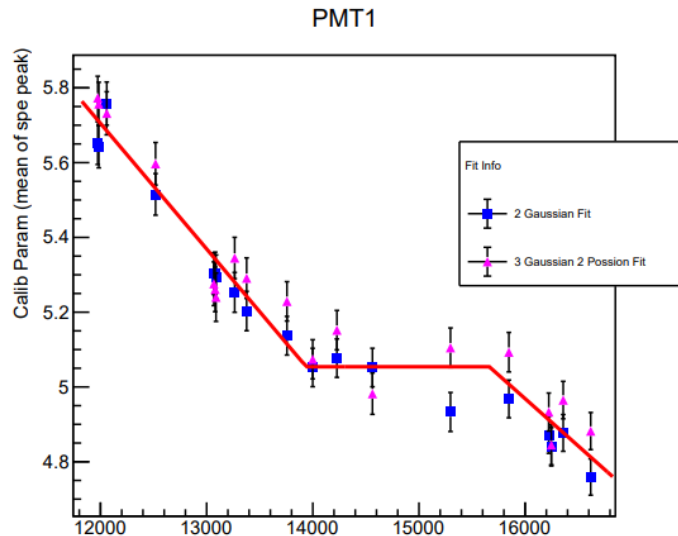
Now showing some of the comparison with online

Calibration Parameters

I had previously fit calibration data

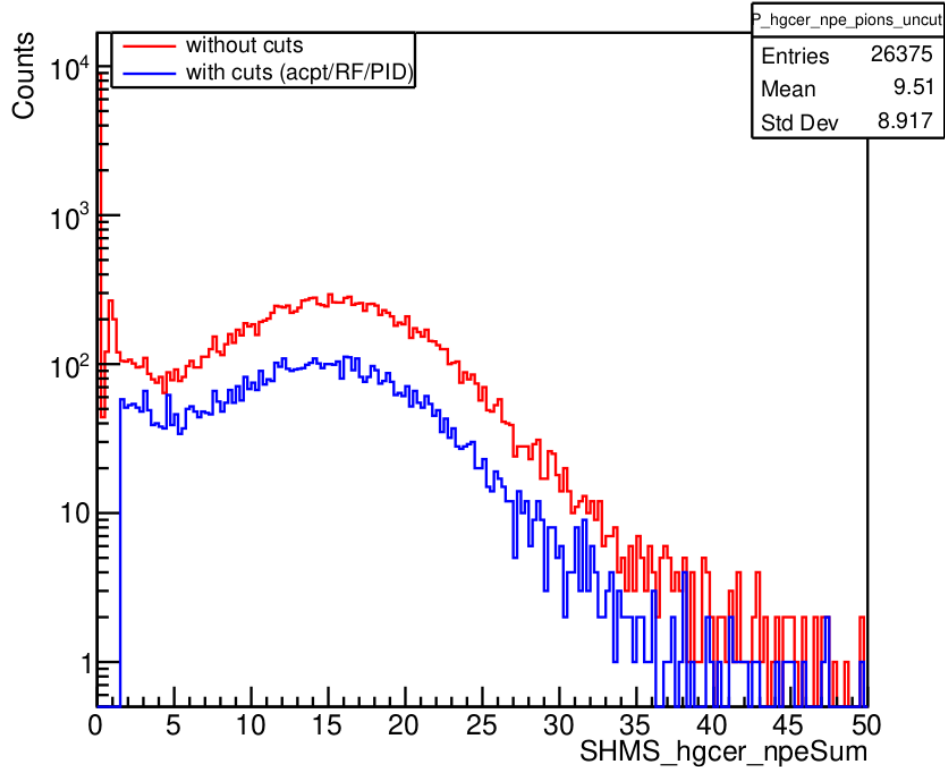
I implemented these functions into standard.database

These changes are pushed to the github

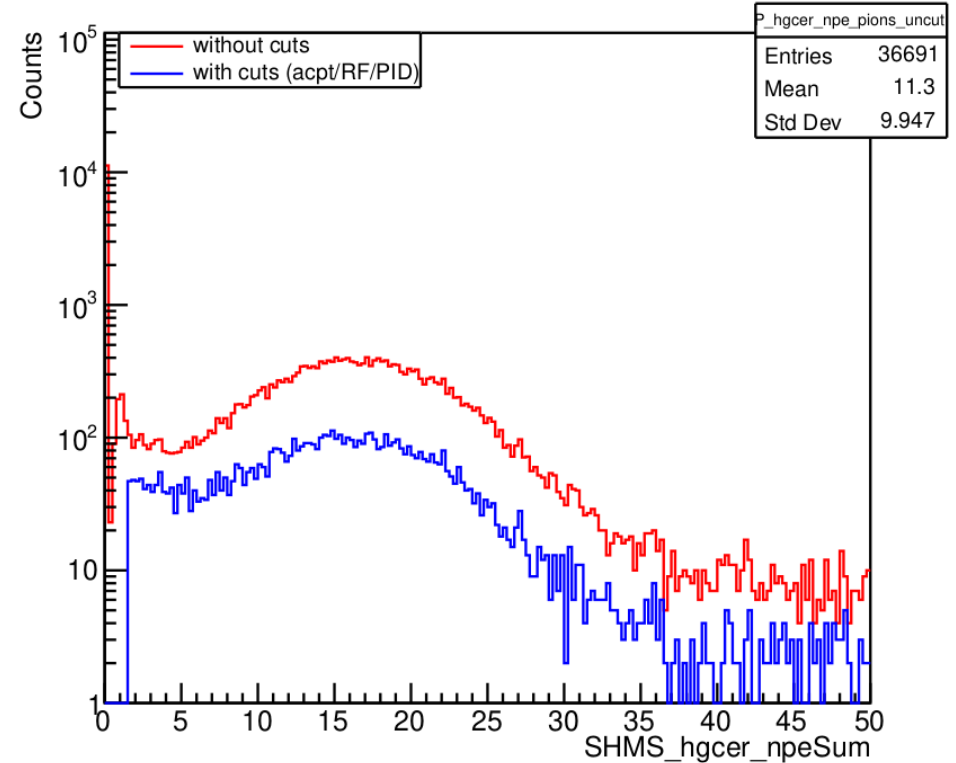


Q² 6.00 W 3.19 Center Low e (12446)

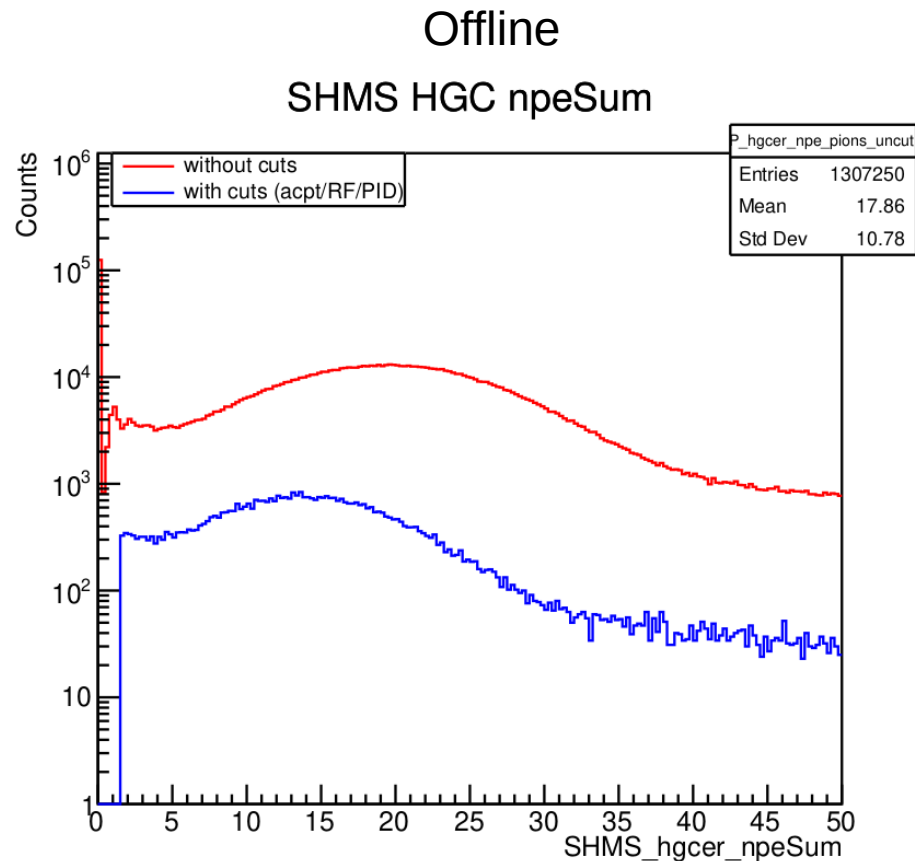
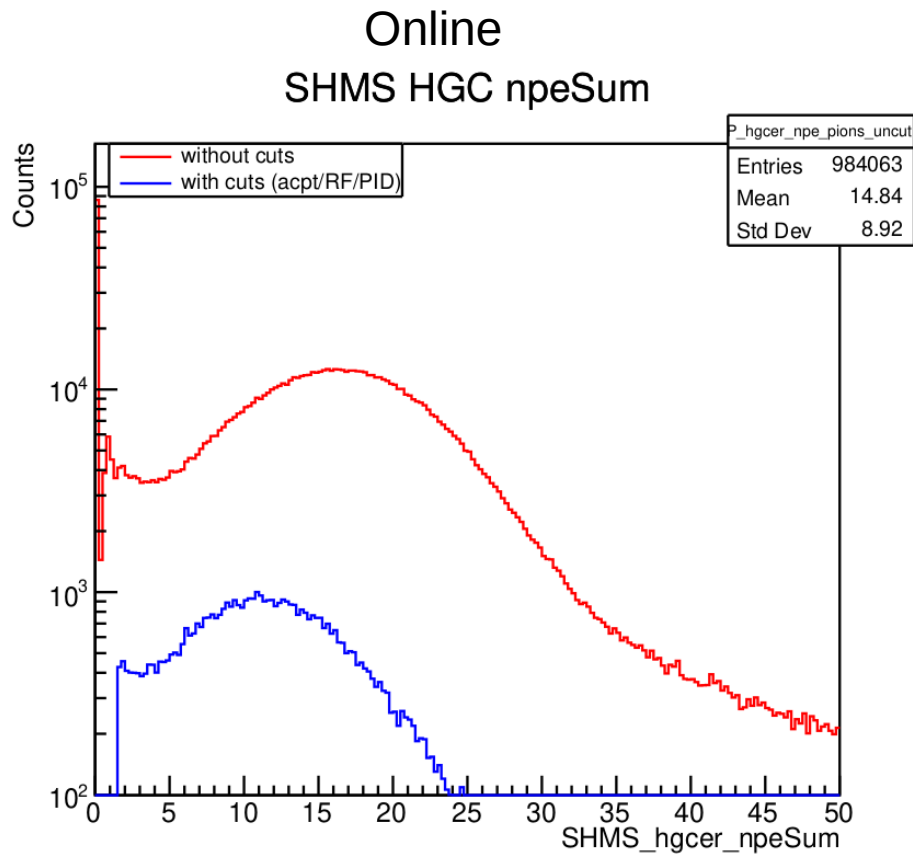
Online
SHMS HGC npeSum



Offline
SHMS HGC npeSum

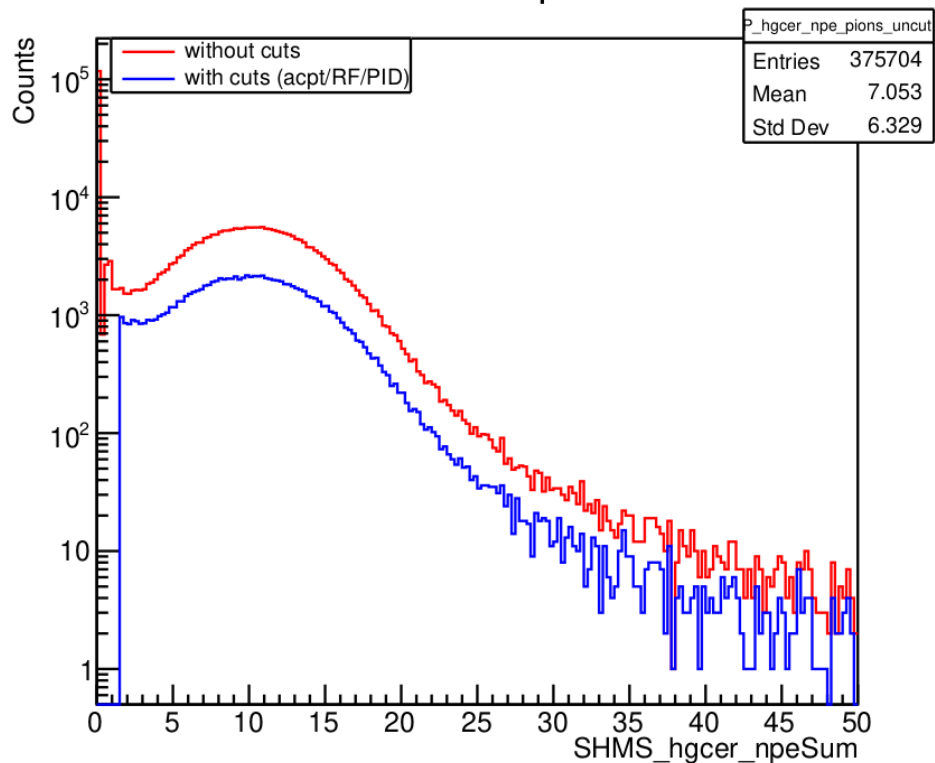


Q² 6.00 W 2.4 Center LD- Low e (13472)

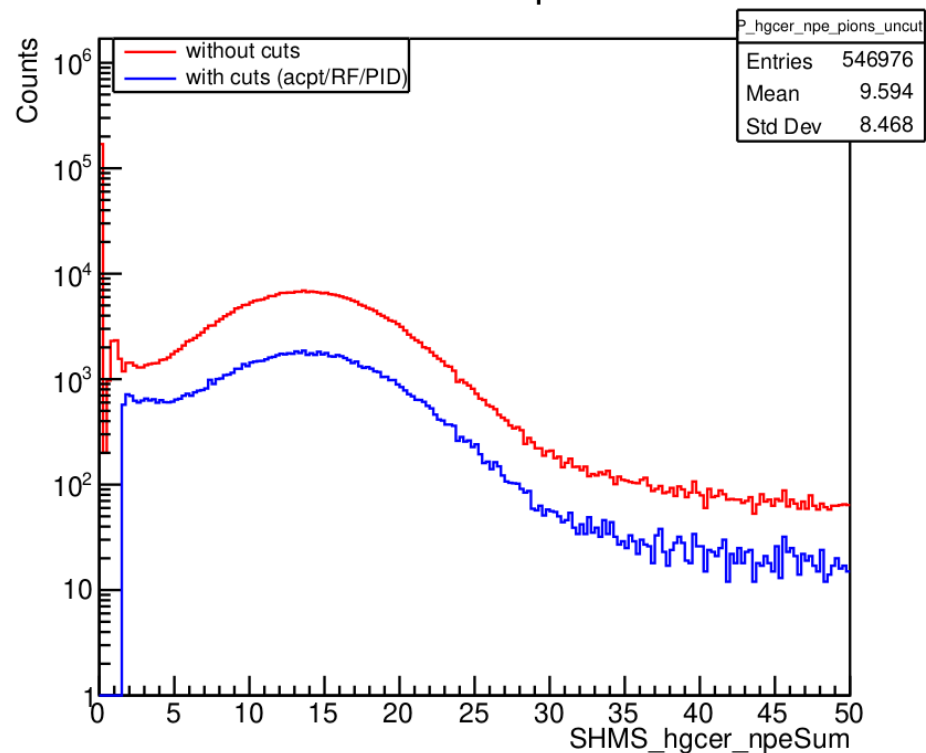


Q^2 2.45 W 3.2 left low e (14545)

Online
SHMS HGC npeSum

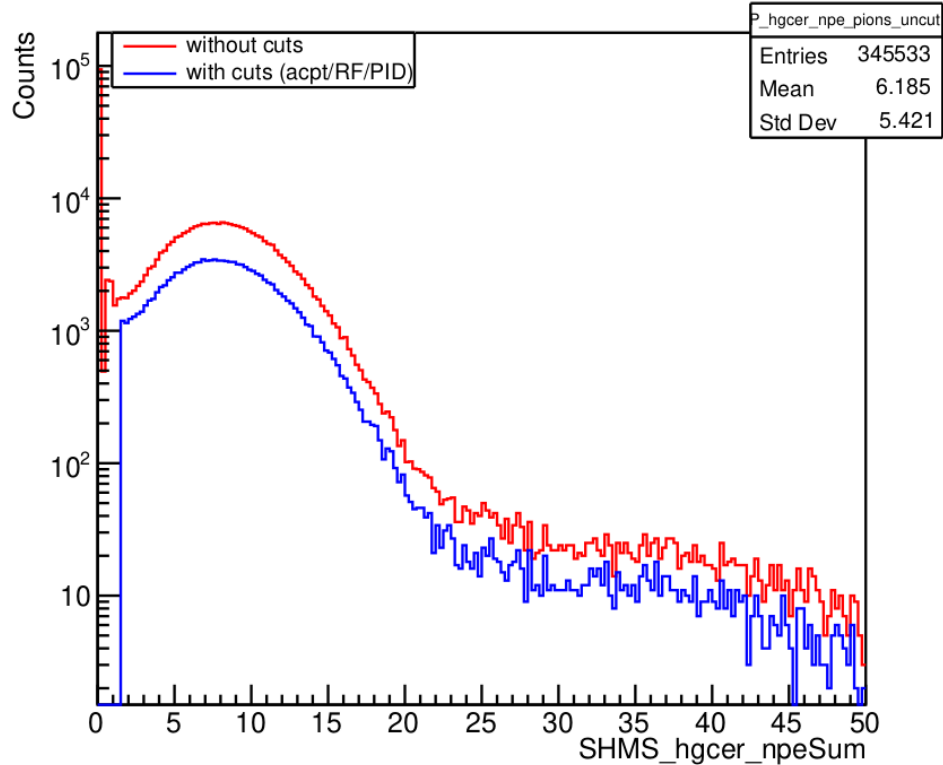


Offline
SHMS HGC npeSum

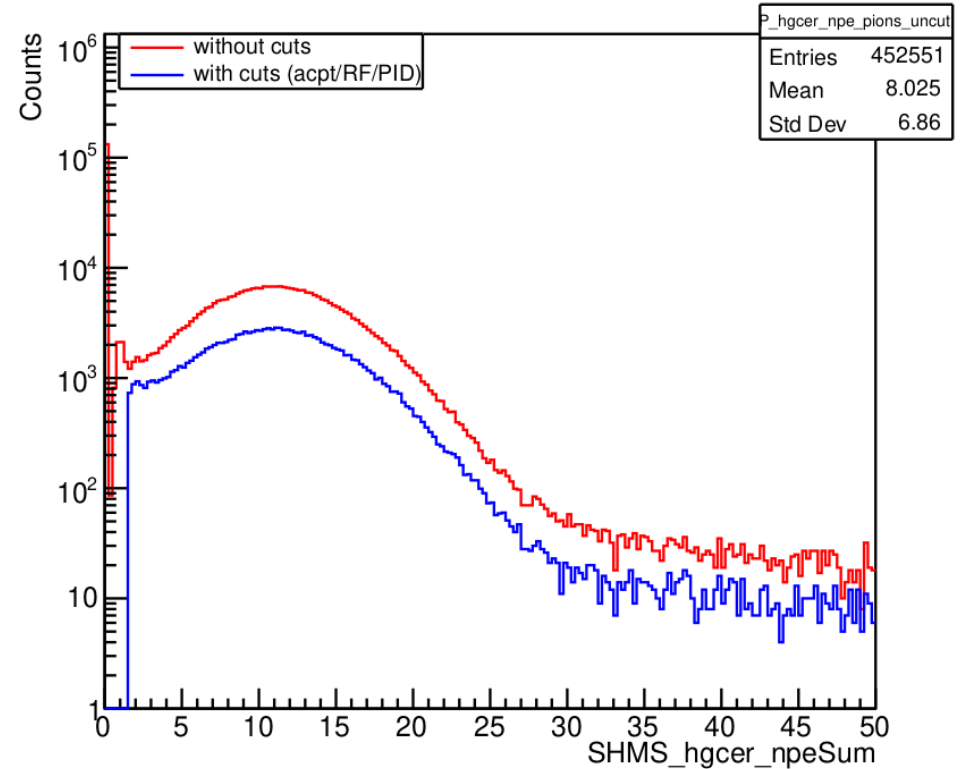


Q^2 3.85 W 2.62 Center high e (15103)

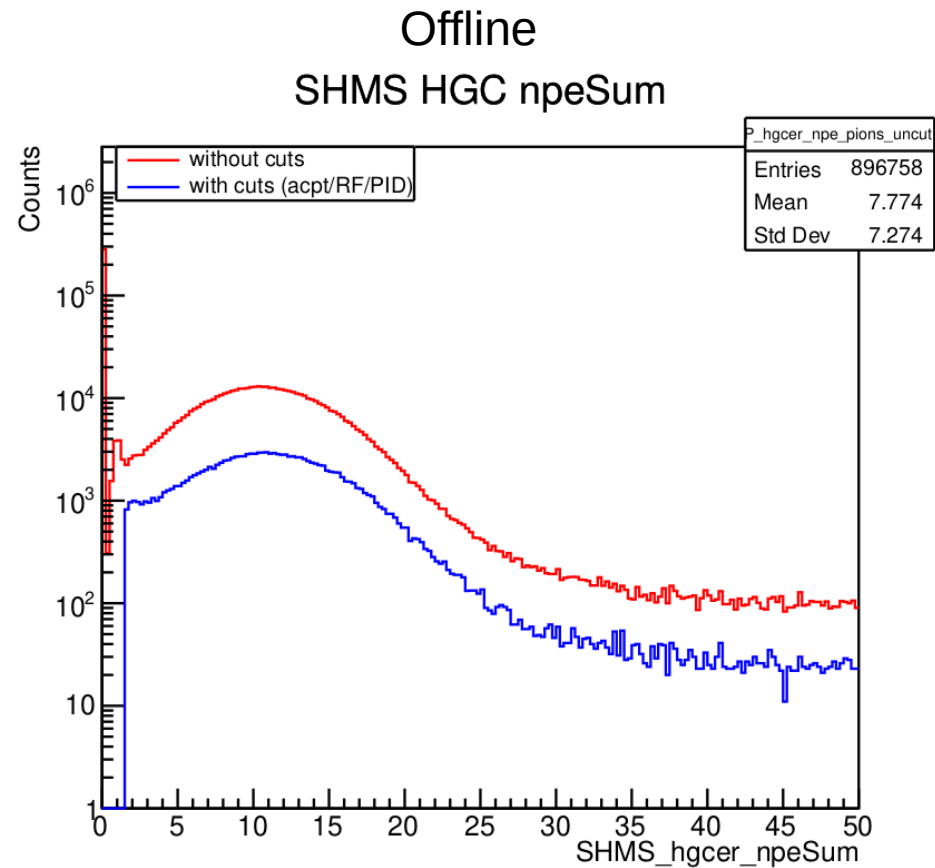
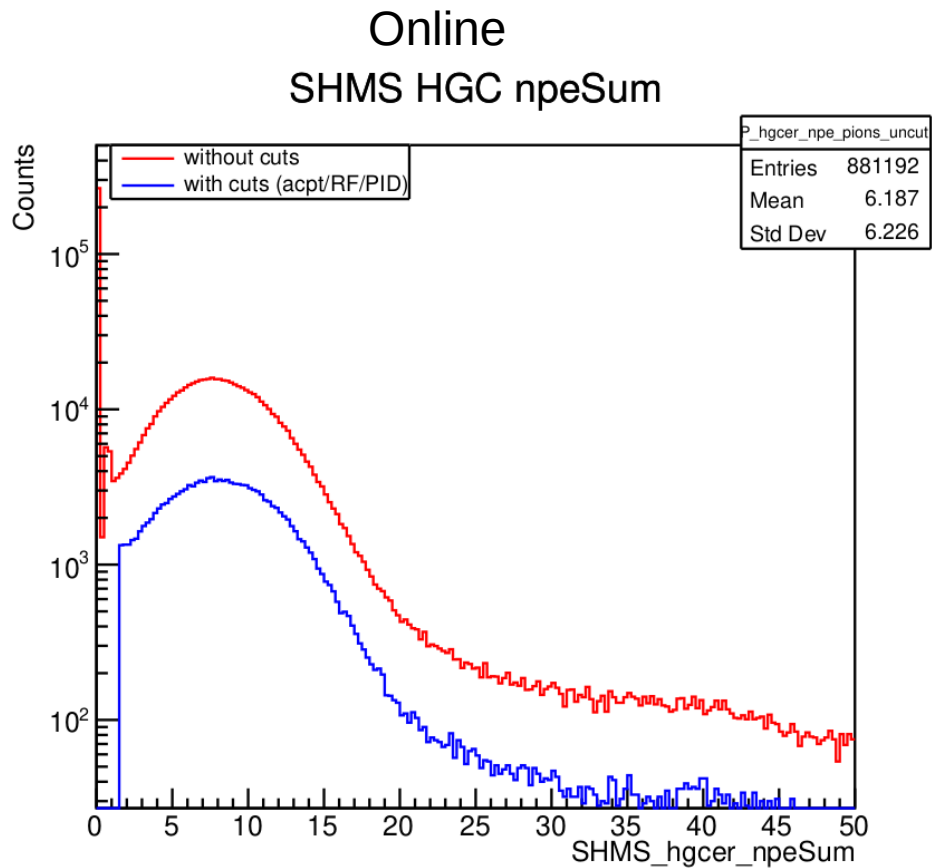
Online
SHMS HGC npeSum



Offline
SHMS HGC npeSum



Q^2 1.6 W 3.08 Left Low e (16487)



Conclusion

- I had meant to get 2 more settings in these but did not finish before the farm went down for maintenance today.
 - I'll add these to the slides before I post them
- Calibration looks good.