sPHENIX Status
RHIC Status Meeting

June 17th, 2025

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sPHENIX Run Coordinator

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UNC Greensboro

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Issues with Appointment Renewal

- There is no feedback during the entire process, so user does not know if their renewal has gone through
  - First indication of an issue is a cancellation of users' SDCC account!
  - Potential to lose key experts for a few days while accounts are fixed
- It would be helpful to get an automatic email after form submission and after the appointment is actually renewed
  - There is usually a few day window that could be used to fix issues
  - It is very nerve-wracking to potentially lose access
- Housing also does not like to reserve dorms/etc for folks after appointment expiration → Difficult to plan shift travel
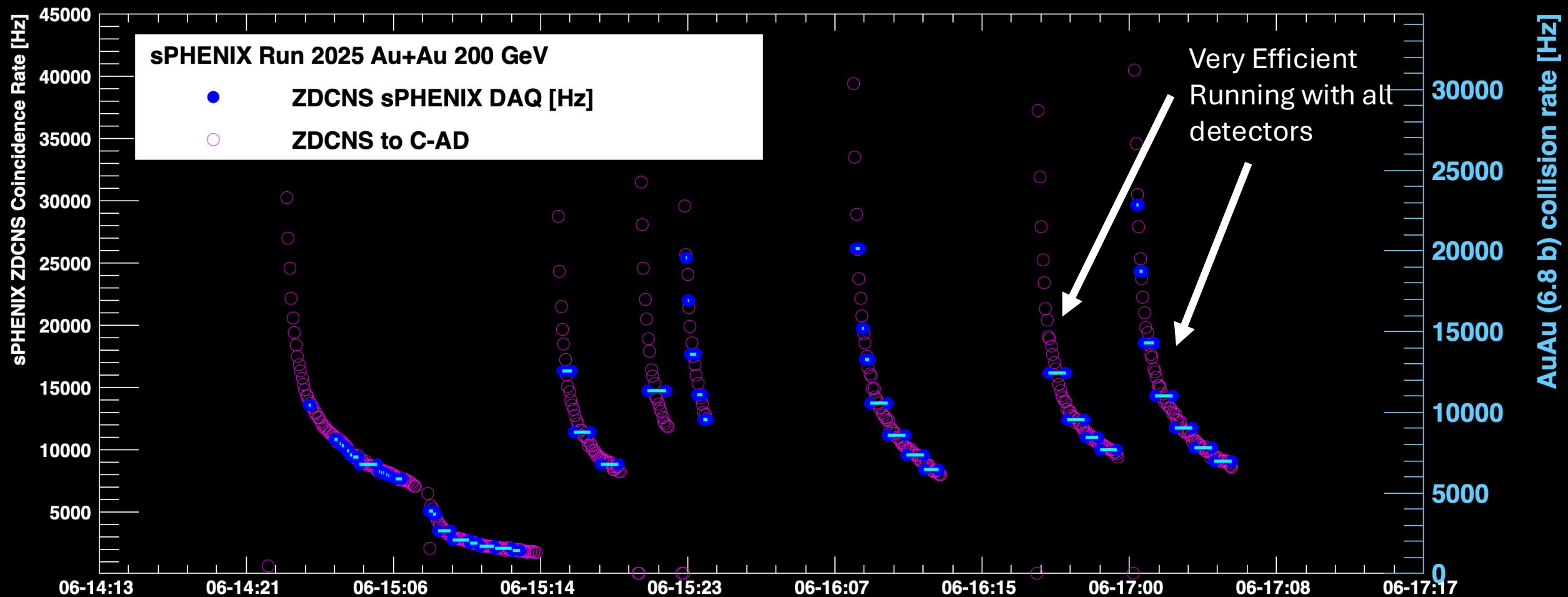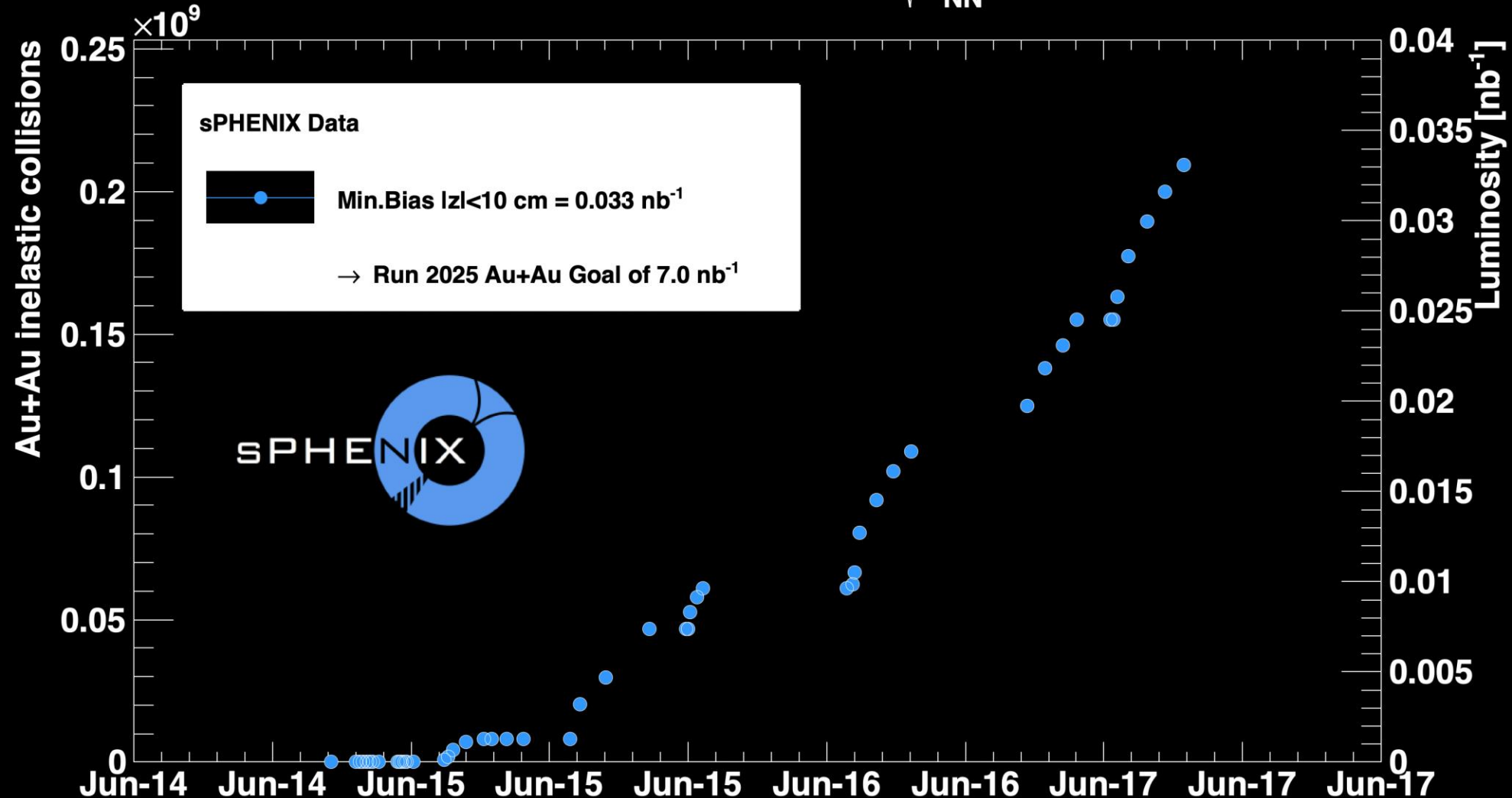
RHIC Run 25
Last week
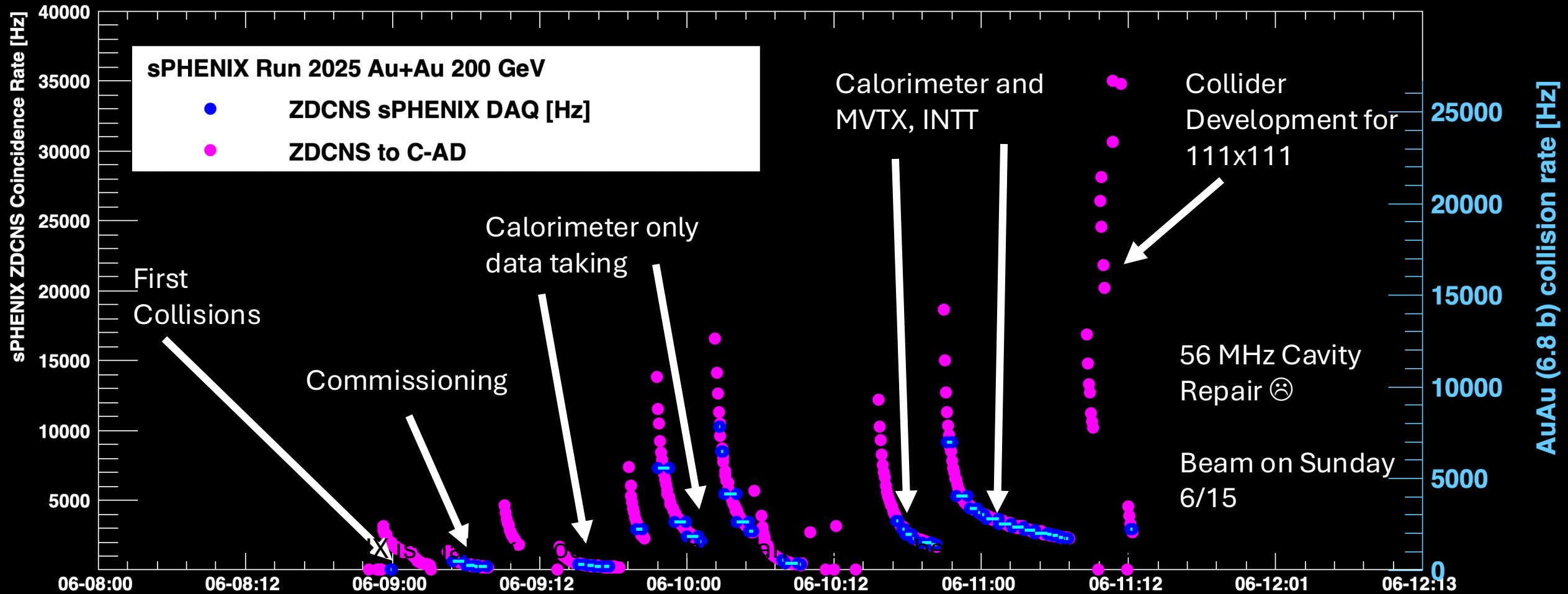
RHIC Run 25

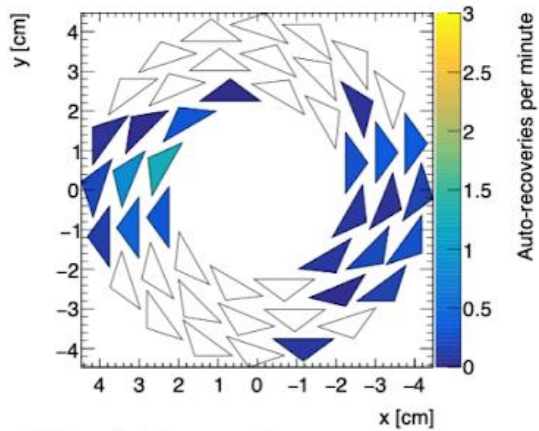# RHIC Run 25

sPHENIX Run 2025 Au+Au $\sqrt{s_{NN}} = 200$ GeV

sPHENIX Data

Min.Bias |z|<10 cm = 0.033 nb^{-1}

→ Run 2025 Au+Au Goal of 7.0 nb^{-1}

Thanks to Jamie Nagle

MVTX 111x111 Triggered Mode
June 16th
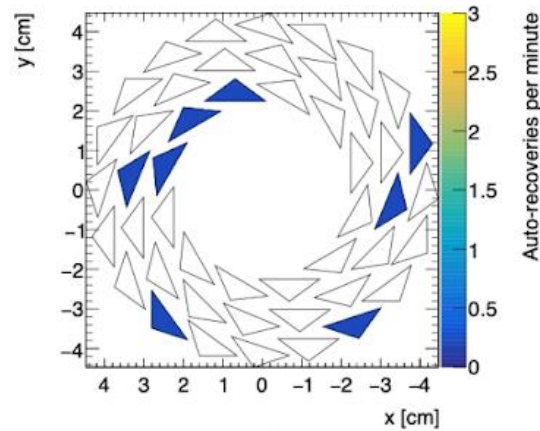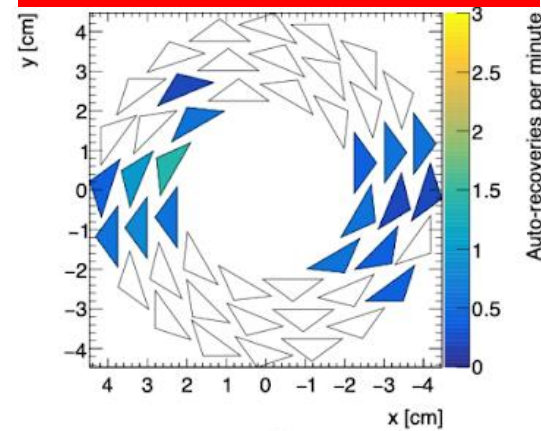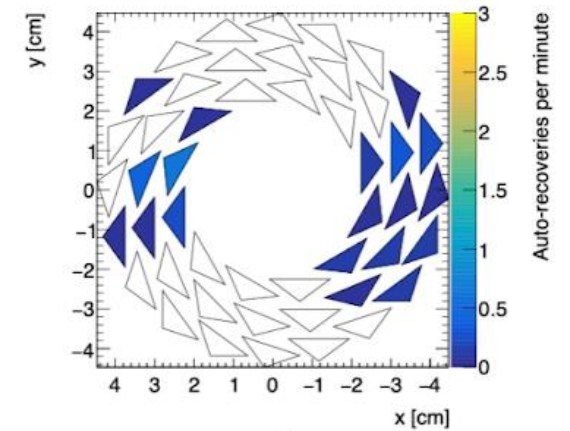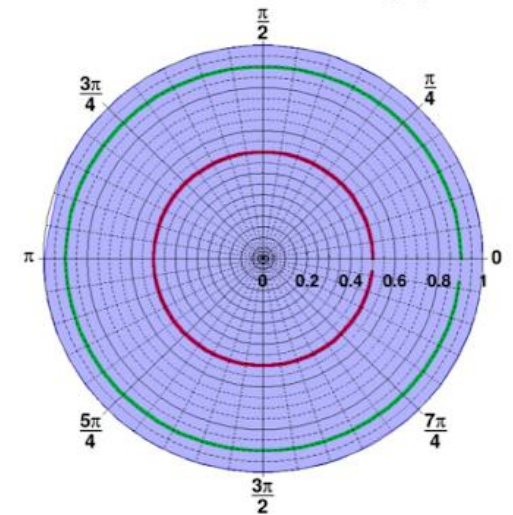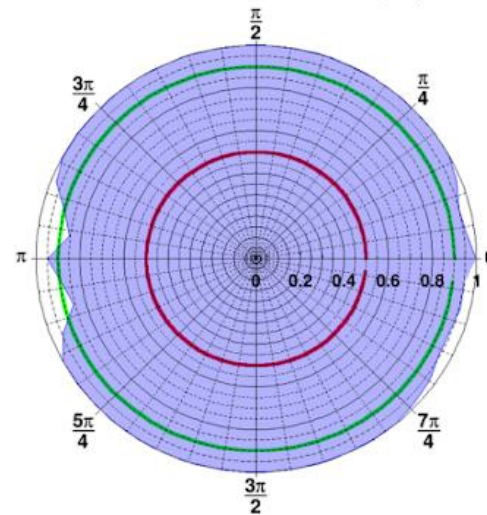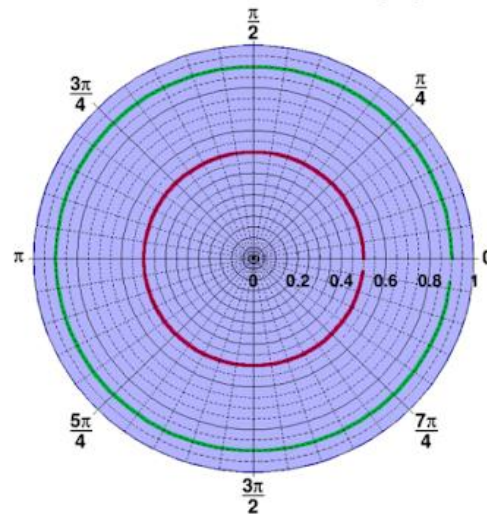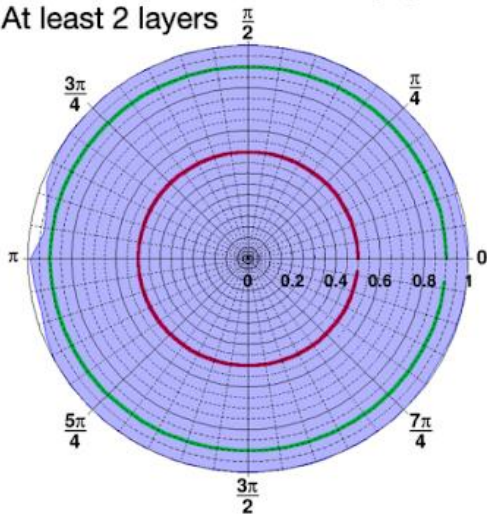
Conclusions

- Our start was very efficient, with many thanks to our DAQ and MVTX teams for their long hours (and of course, thanks to C-AD, cryo, and PS groups, we know it has been a lot of work!)
- MVTX
  - Tune trigger mix for optimal performance after machine development is done
  - 2 week track workfest has begun, evaluate our tracking performance vs rate
  - MVTX background meetings continue for C-AD/sPHENIX coordination
- TPC Tasks
  - Digital currents test on Sat Jun 14 with testing to continue on the test bench for firmware debugging
  - Finish Trip Threshold parameterization and turn TPC fully over to the shift