



sPHENIX Status

9 am Meeting

June 9th, 2025

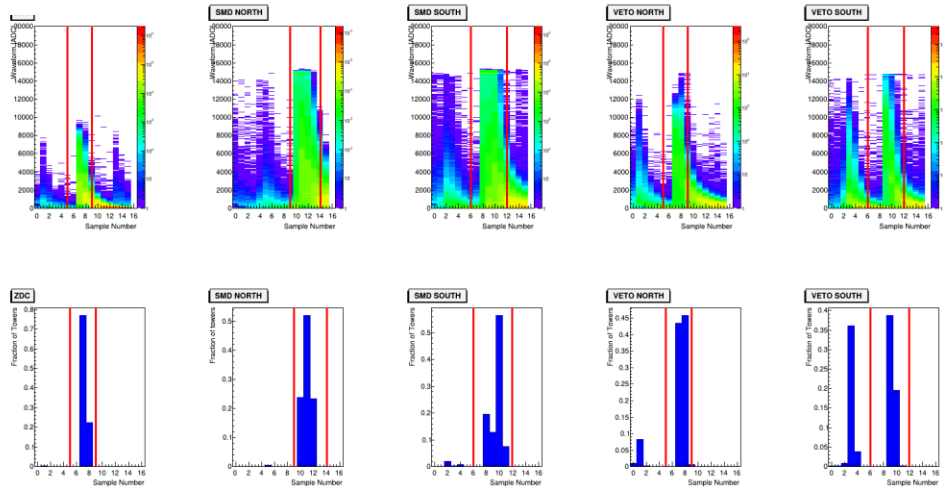
Rosi Reed
Lehigh University
sPHENIX Run Coordinator

Ron Belmont
UNC Greensboro
sPHENIX Deputy Run Coordinator

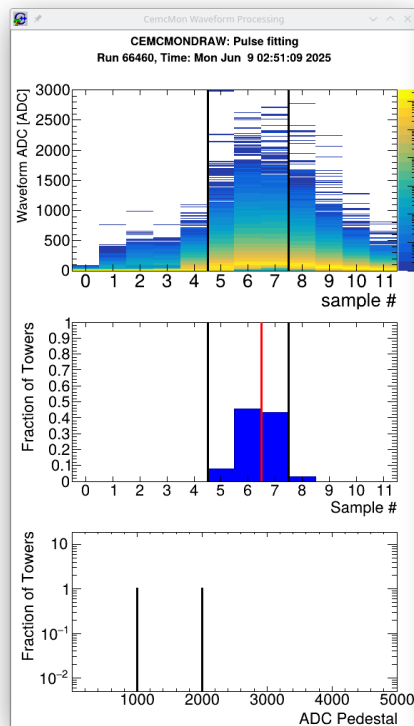


ZDC

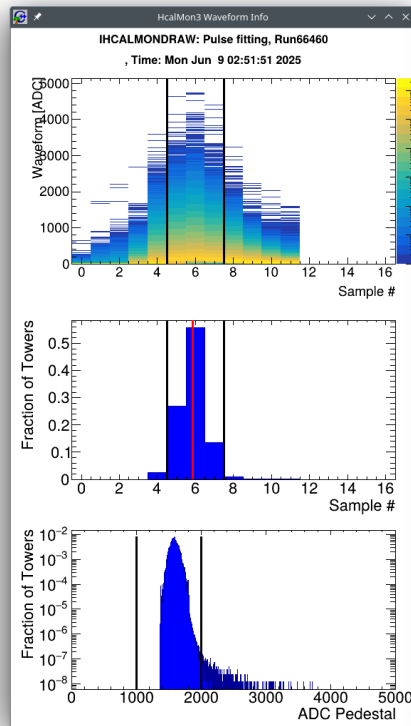
ZDCMONDRAW_1 Run 66460, Time: Mon Jun 9 02:53:15 2025



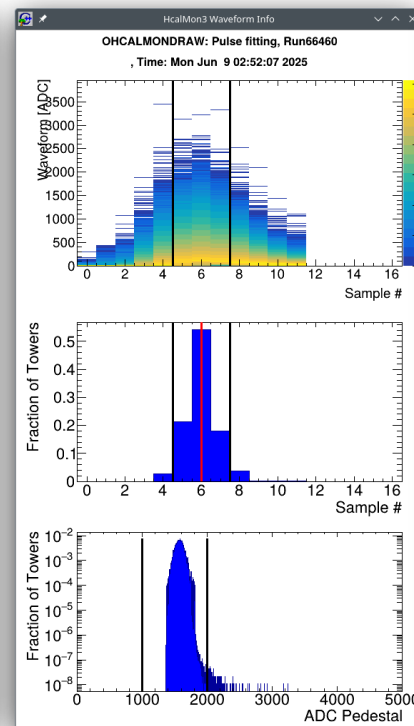
EMCal



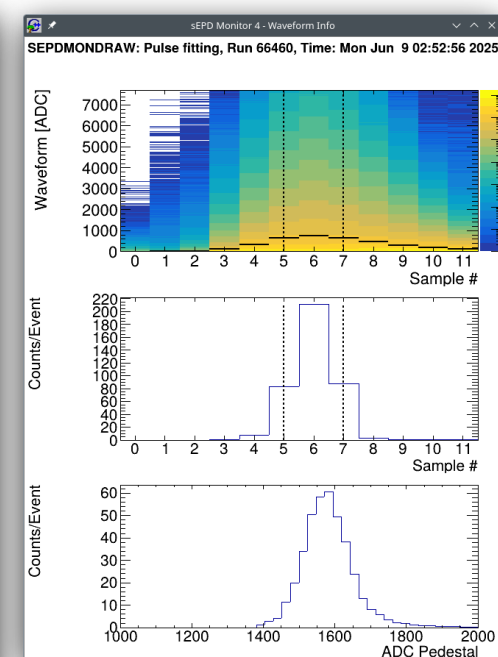
IHCal



OHCal



sEPD



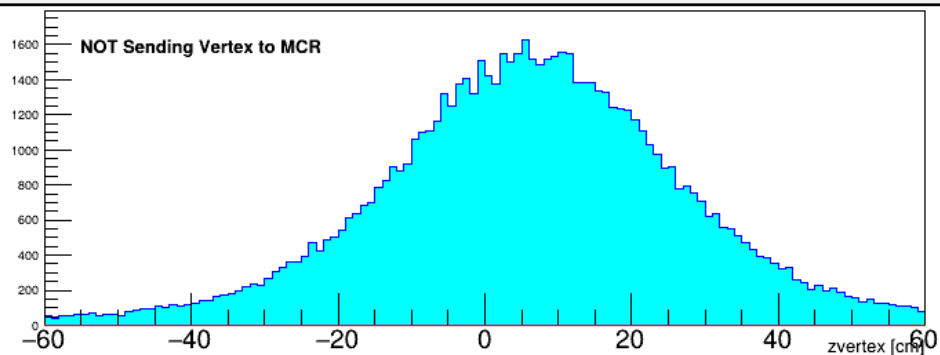
Calo Based Detectors Timed In!

- Timing settings from Run 24 were mostly correct
- Fine adjustment of the MBD brought everything in line

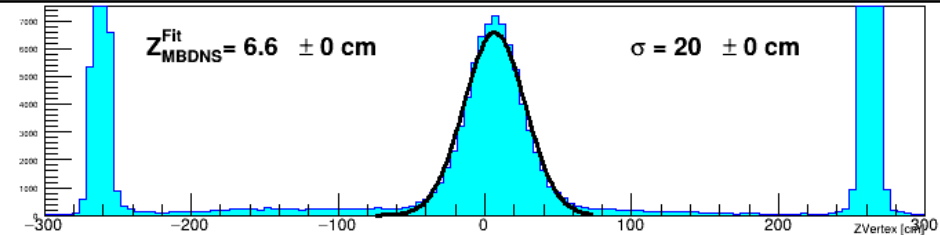
MBD ONLINE MONITOR

Run #66461 Events: 324420 Date: Mon Jun 9 03:20:17 2025

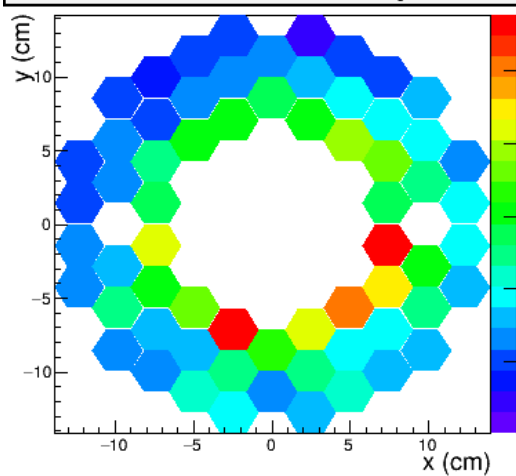
MBD zvertex



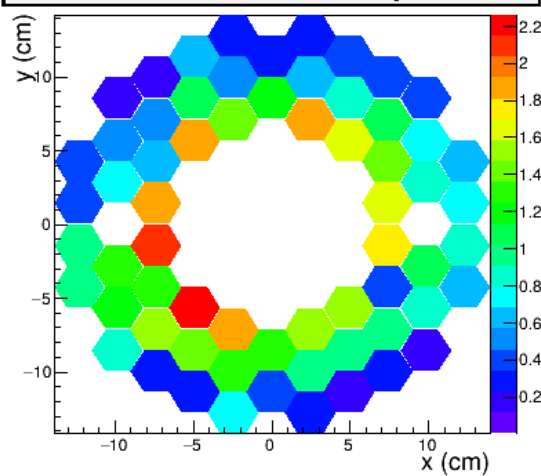
MBD ZVertex (TRIG = MBDNS>=2)



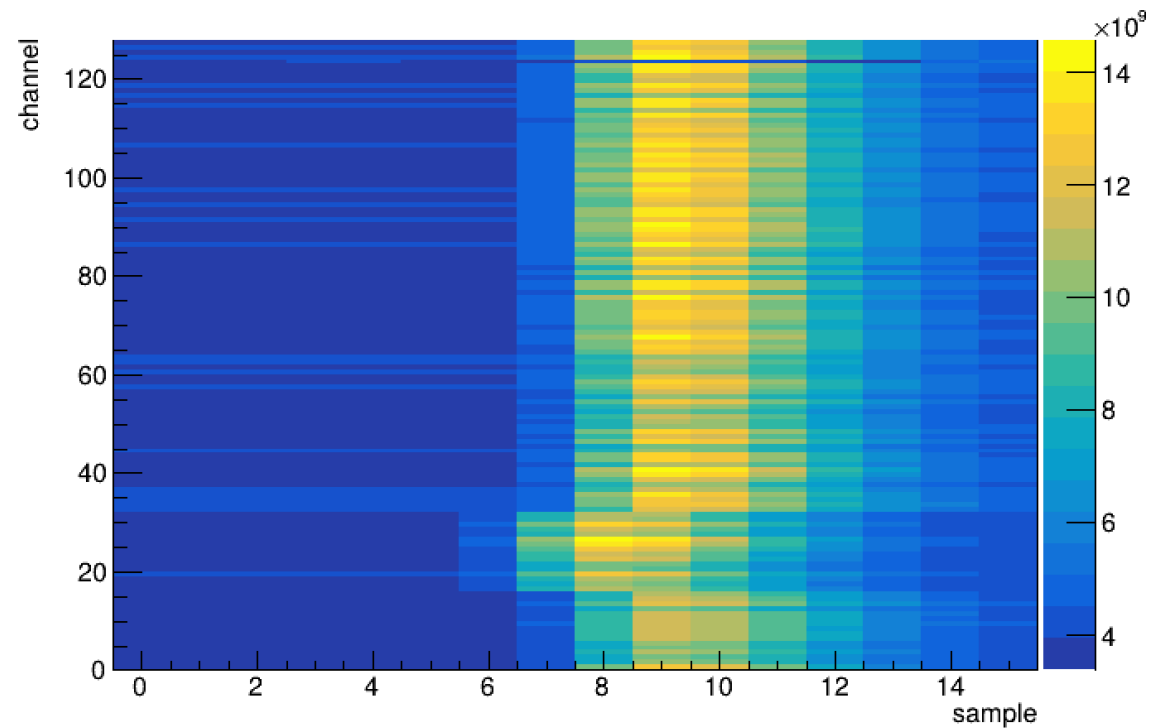
MBD South Hitmap



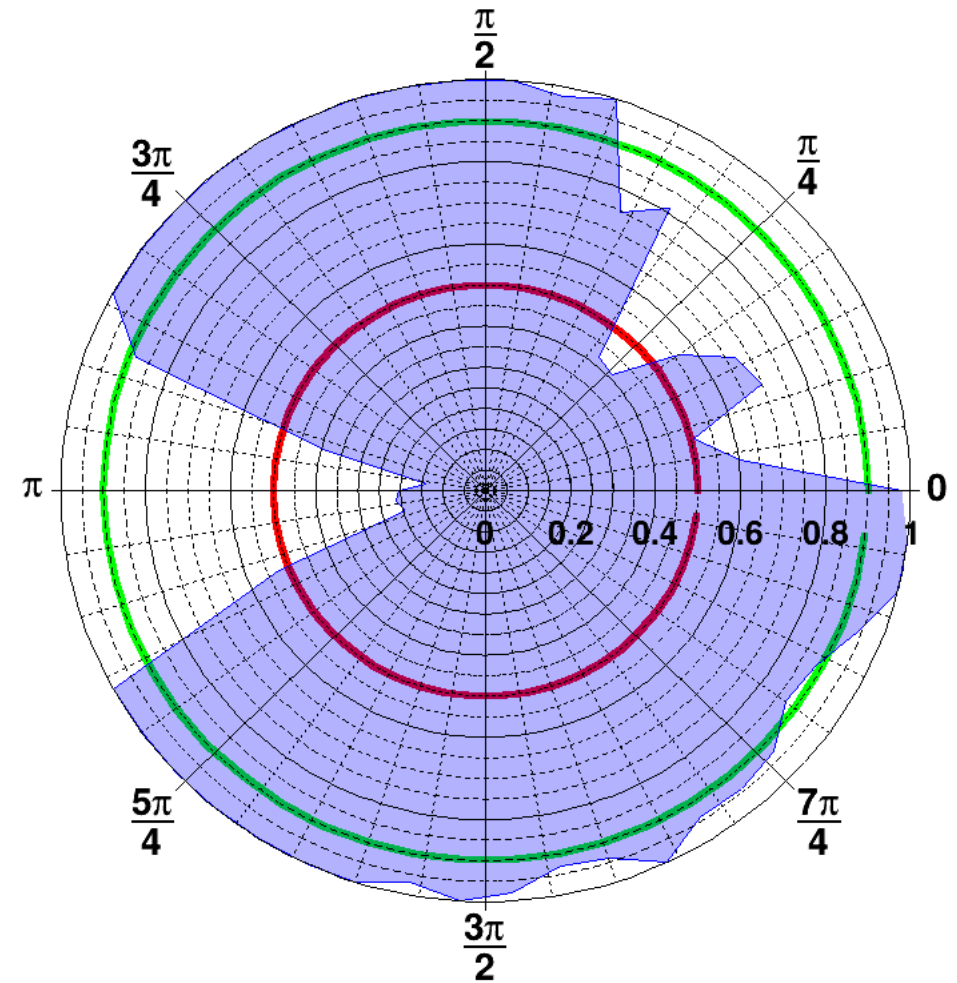
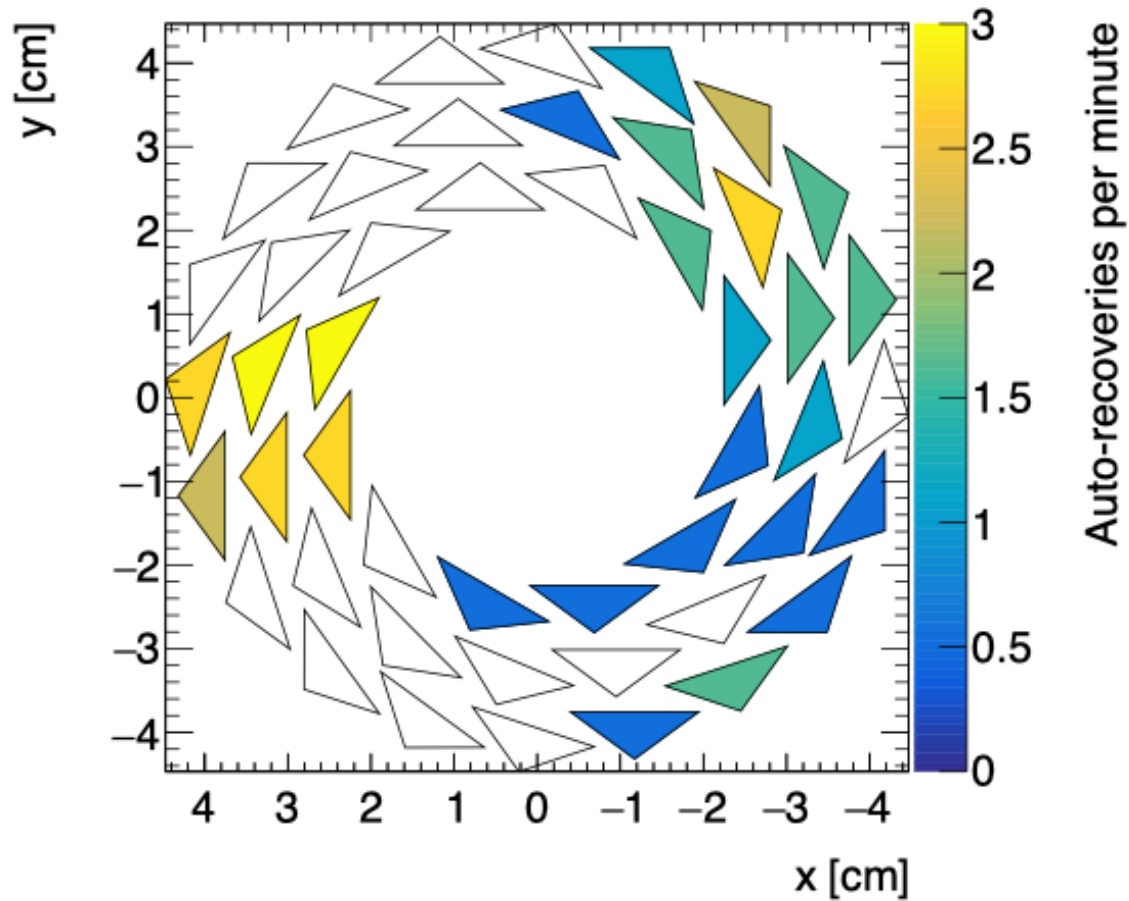
MBD North Hitmap



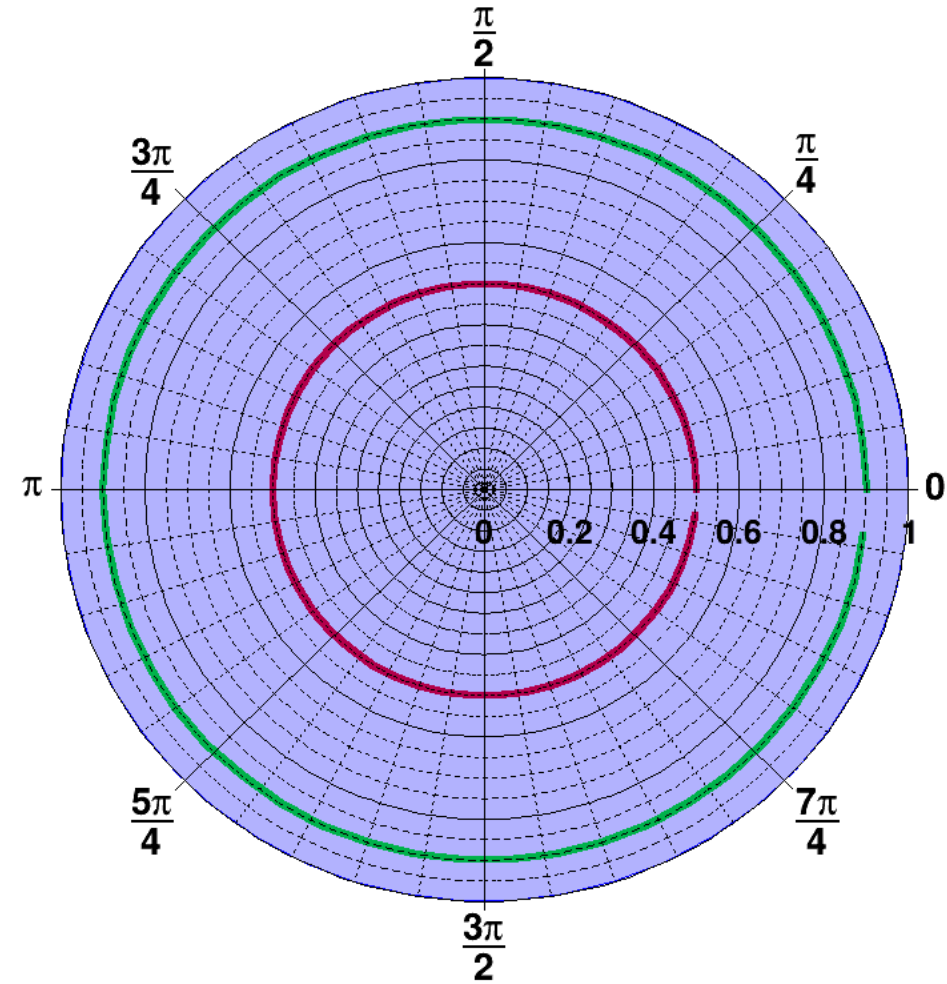
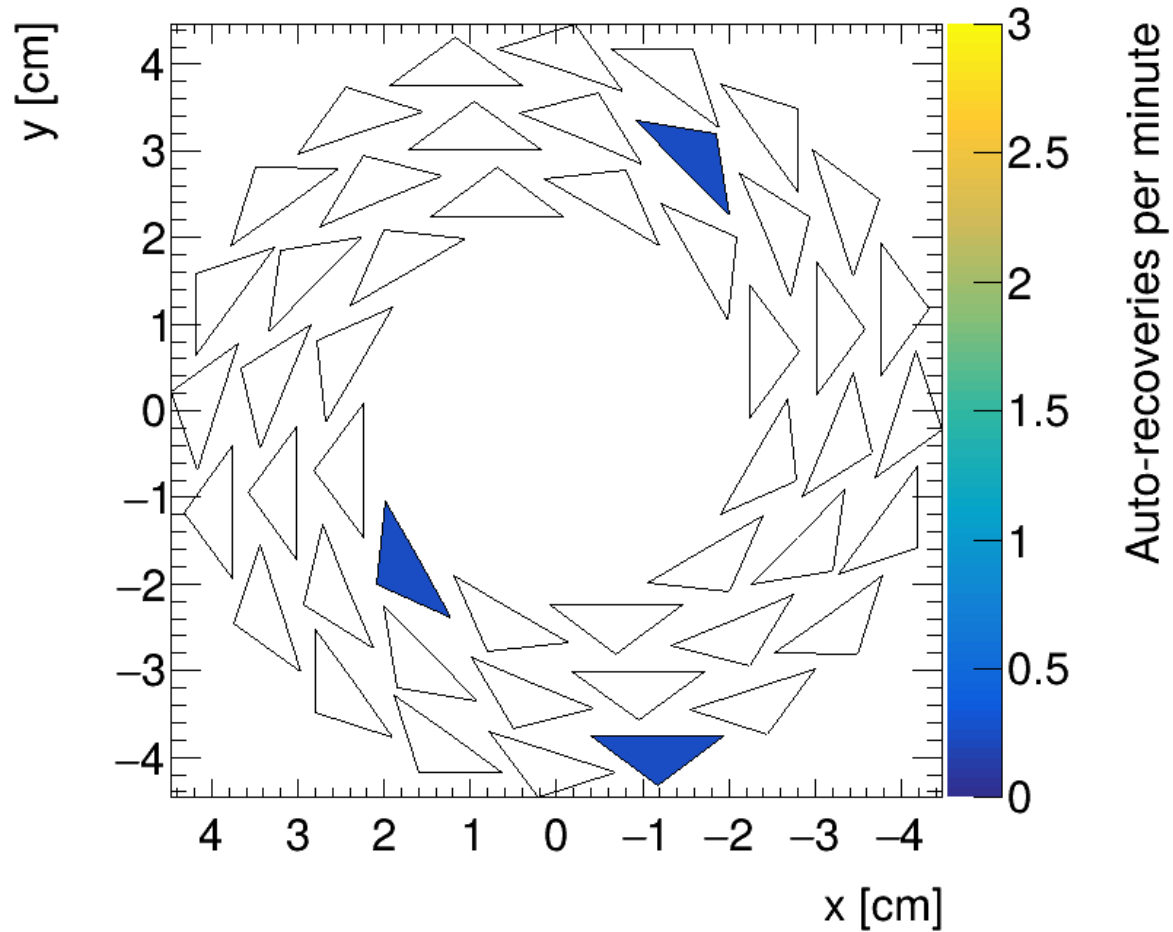
MBD



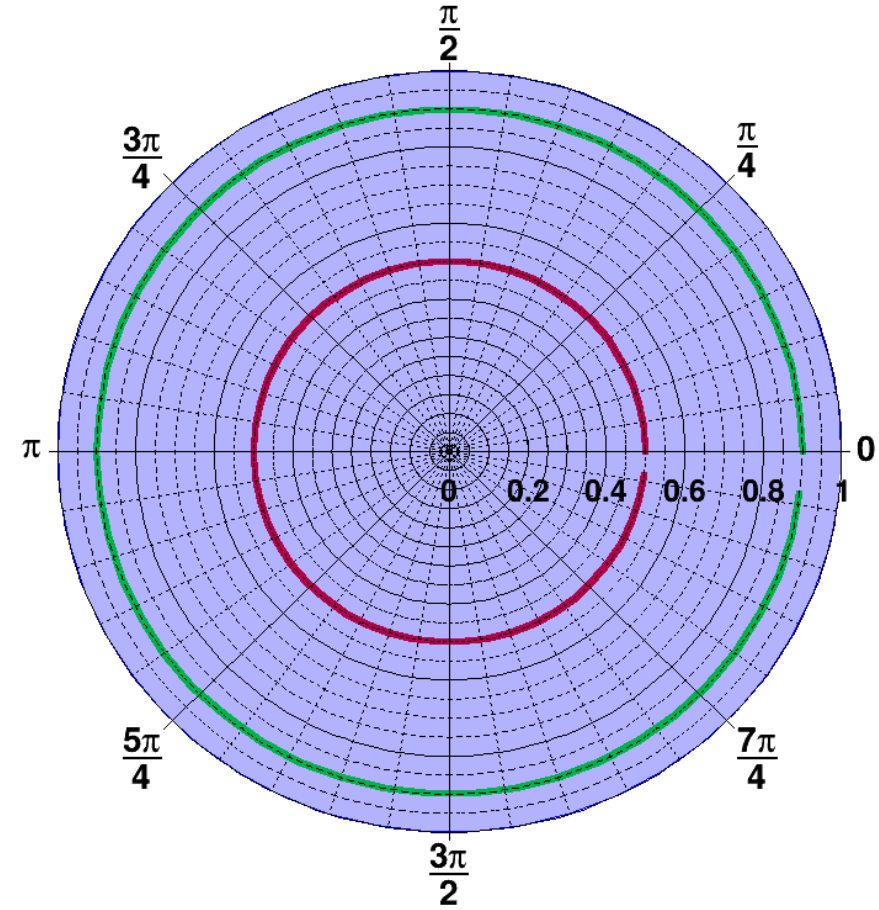
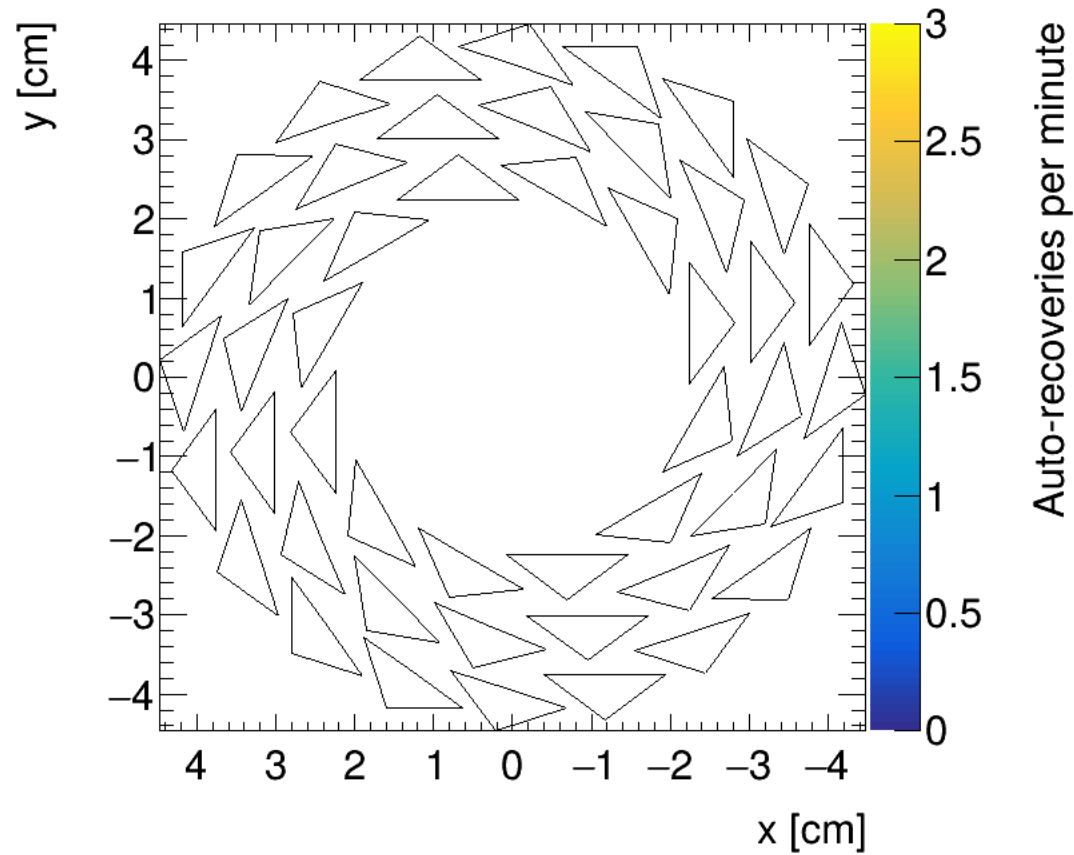
MVTX Streaming Mode (6x6 – Fill 35578)



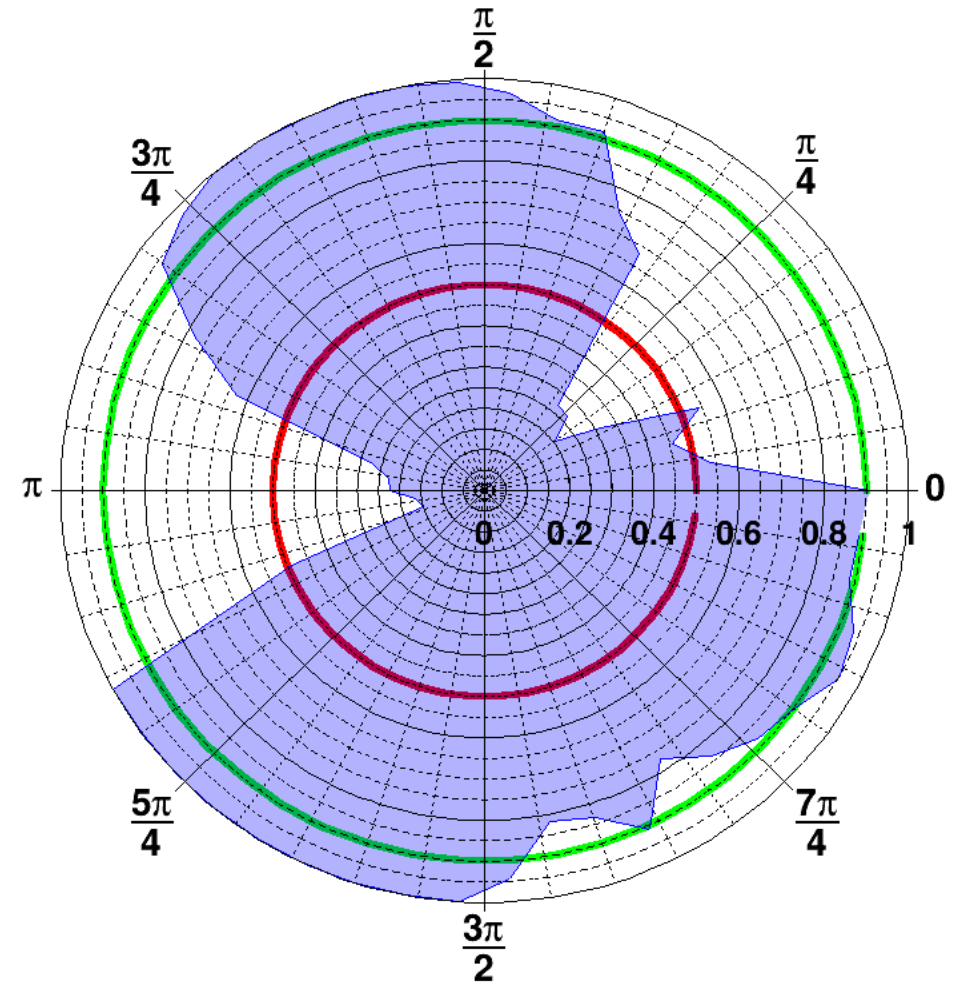
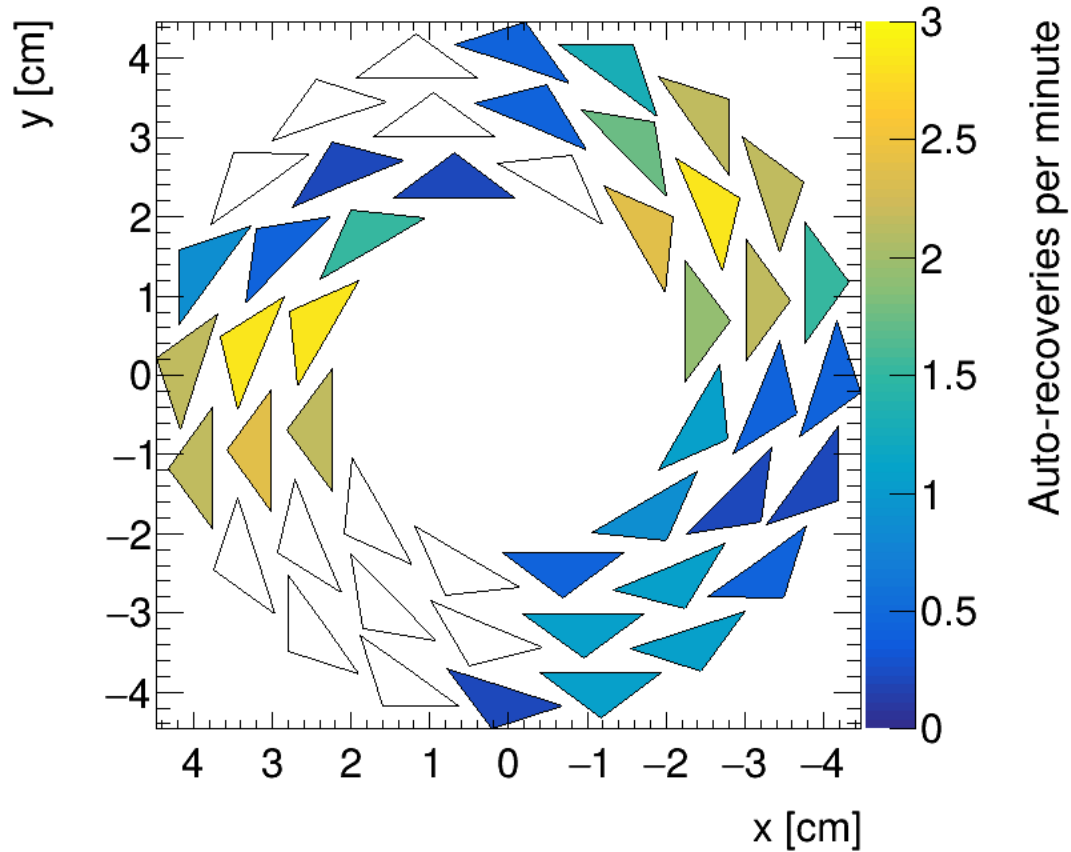
MVTX Extended Mode (6x6 – Fill 35578)



MVTX Triggered Mode (6x6 – Fill 35578)



MVTX Streaming Single Yellow Beam (6 bunches)



Current Status

- TPC is performing a gain scan
- INTT is starting timing tests
- Detectors are timed in
- MVTX background studies to commence (we should run with clock triggers and increase to 12 kHz)
 - The background is still there
 - But I haven't yet compared the beam to last year (maybe still needs some tuning?)