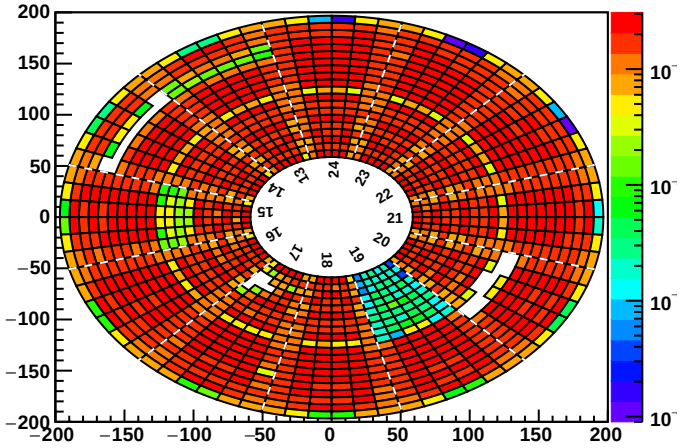
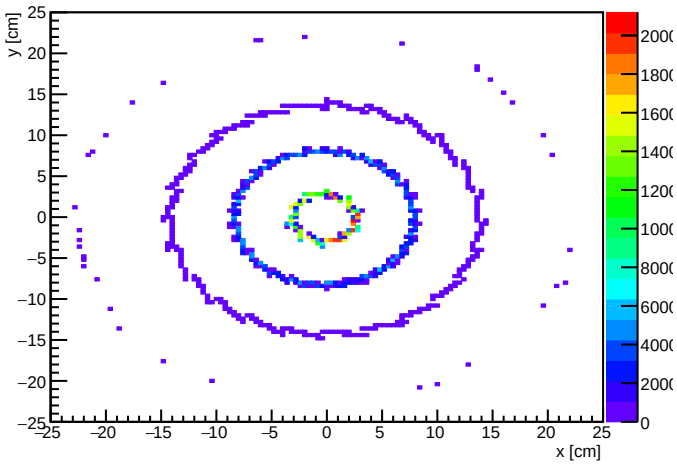
QA plots for pp 200GeV run 2015 for 2025-05-01

General Hists

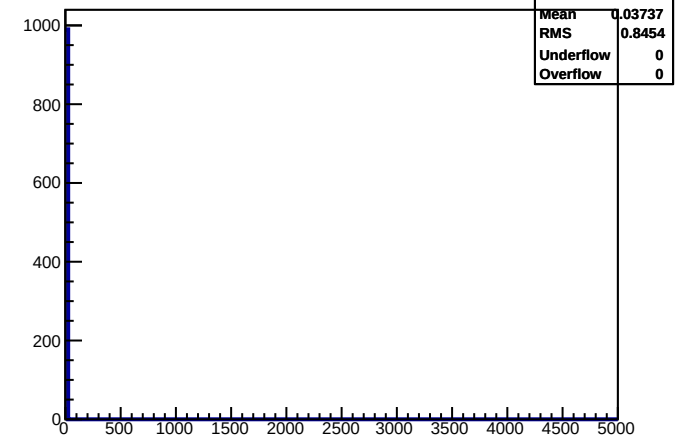
StE point: r-phi distribution of charge, tpcE



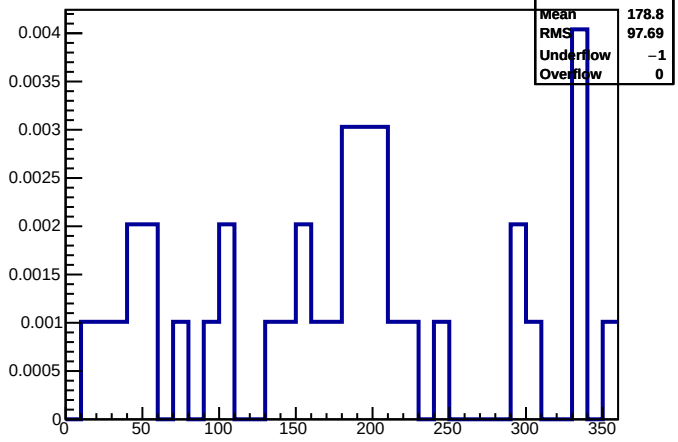
PIXEL, IST, SSD: Distribution of hits in XY



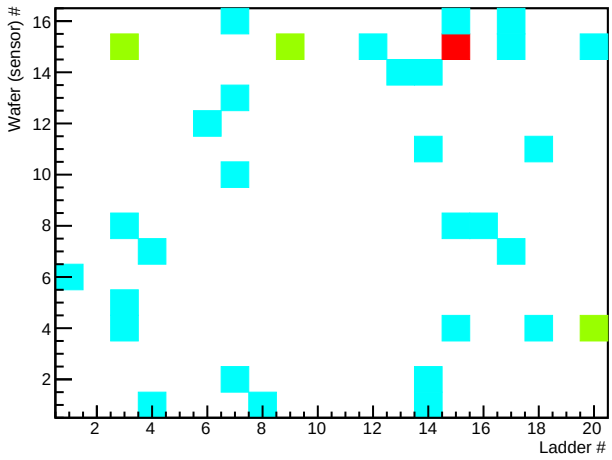
StE point: # hits sst



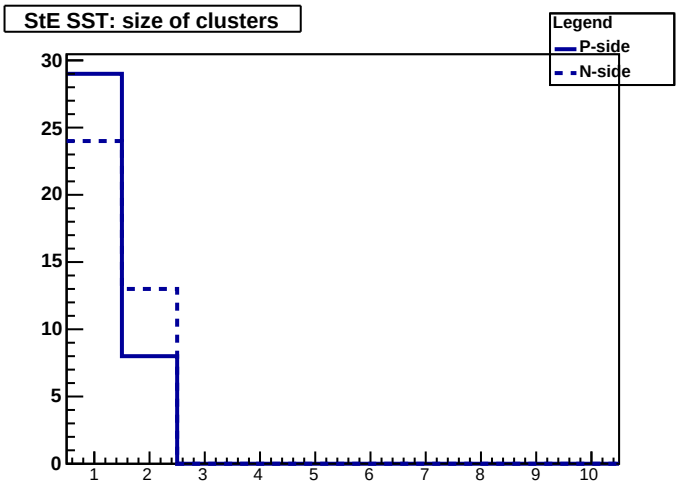
StE SST: ϕ of hits (per event)



StE SST: wafer id vs ladder id (per event)



StE SST: size of clusters



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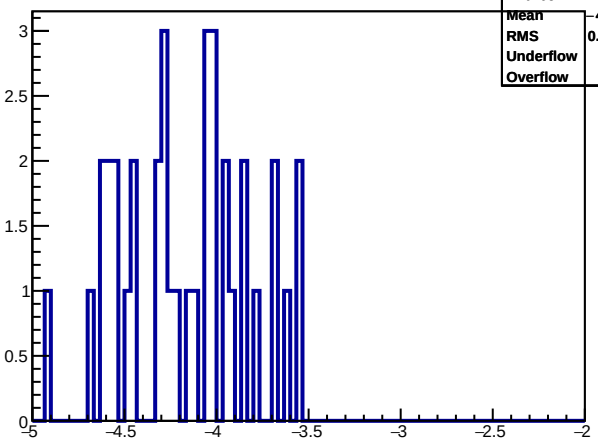
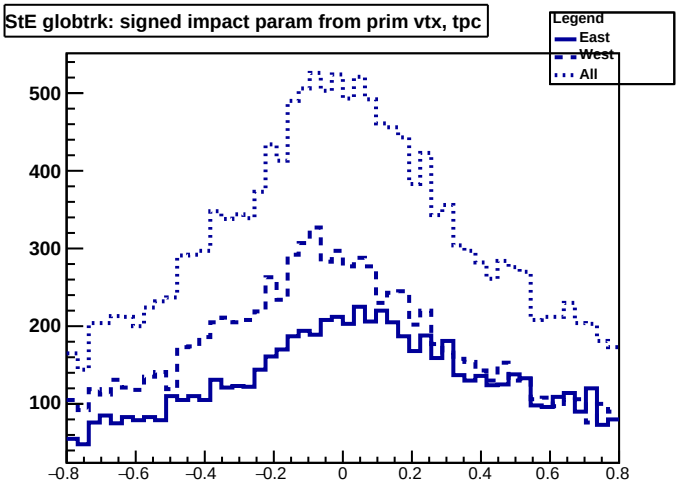
QA plots for pp 200GeV run 2015 for 2025-05-01

StE SST: log10(energy) of hits

StEQaPointESST	
Entries	37
Mean	−4.169
RMS	0.3427
Underflow	0
Overflow	0

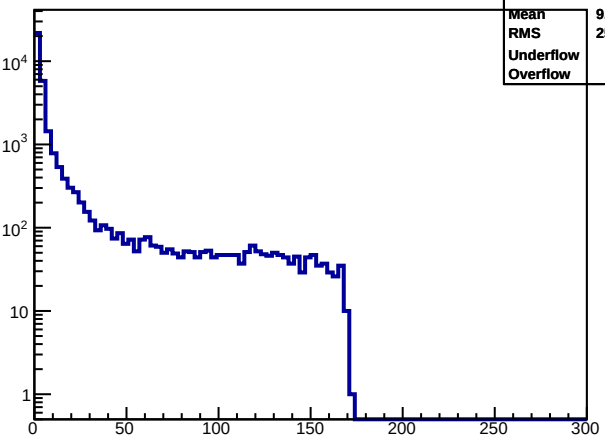


StE globtrk: signed impact param from prim vtx, tpc



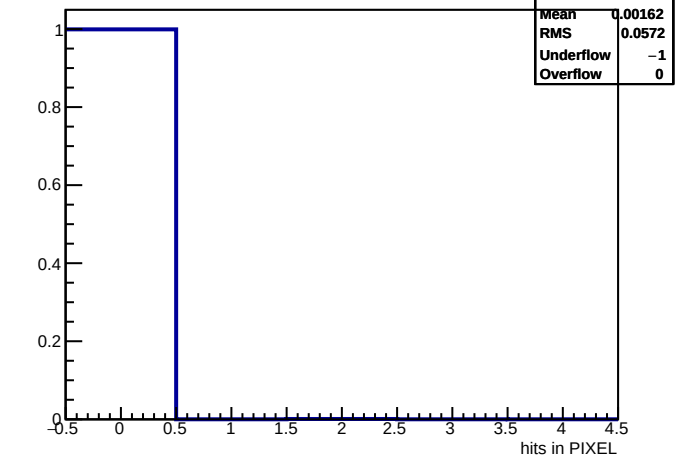
StE globtrk: impact param from prim vtx, tpc

StEQaGtrkImpactrT	
Entries	34216
Mean	9.517
RMS	25.06
Underflow	0
Overflow	0



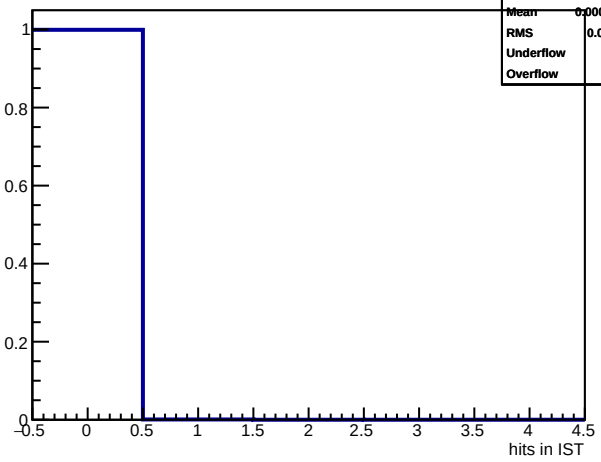
StE PIXEL: Hits per global track

StEQaGtrkPxlHit	
Entries	451969
Mean	0.00162
RMS	0.0572
Underflow	−1
Overflow	0



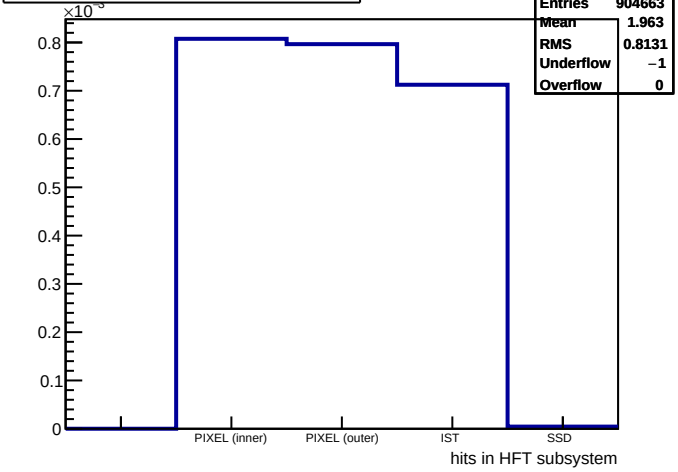
StE IST: Hits per global track

StEQaGtrkIstHit	
Entries	451969
Mean	0.0007124
RMS	0.02685
Underflow	−1
Overflow	0

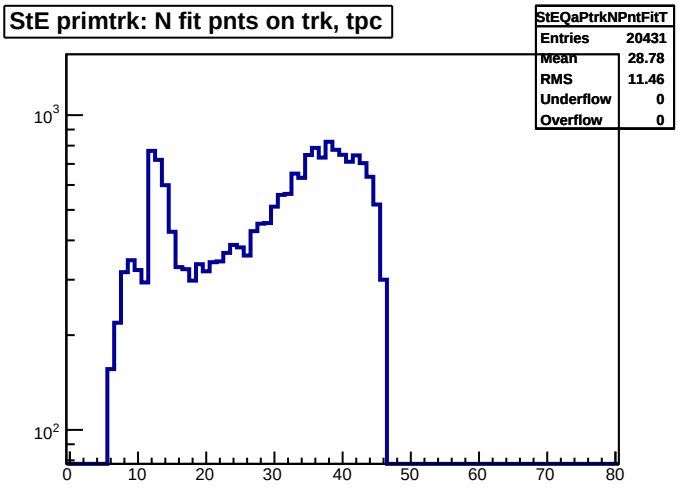


StE HFT: Hits per global track

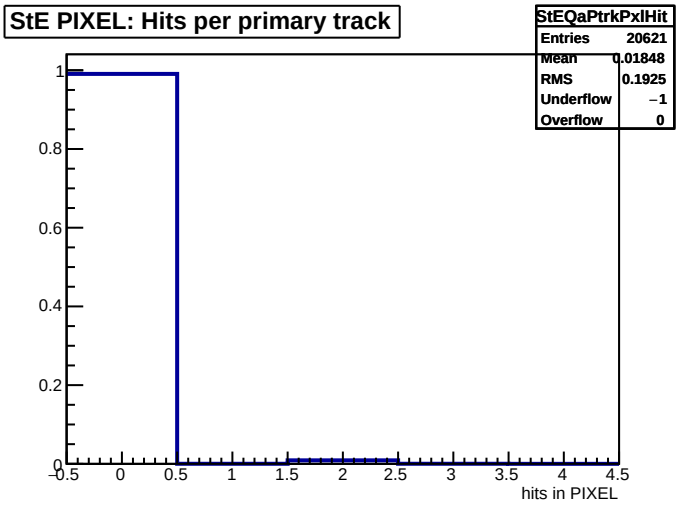
StEQaGtrkHftHit	
Entries	904663
Mean	1.963
RMS	0.8131
Underflow	−1
Overflow	0



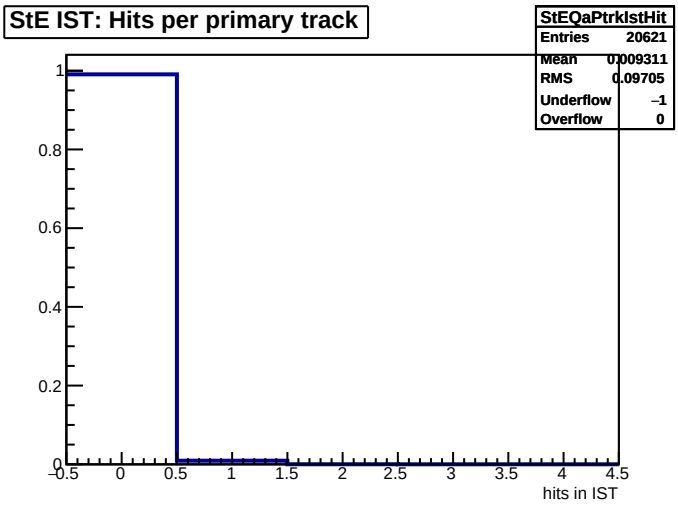
StE primtrk: N fit pnts on trk, tpc



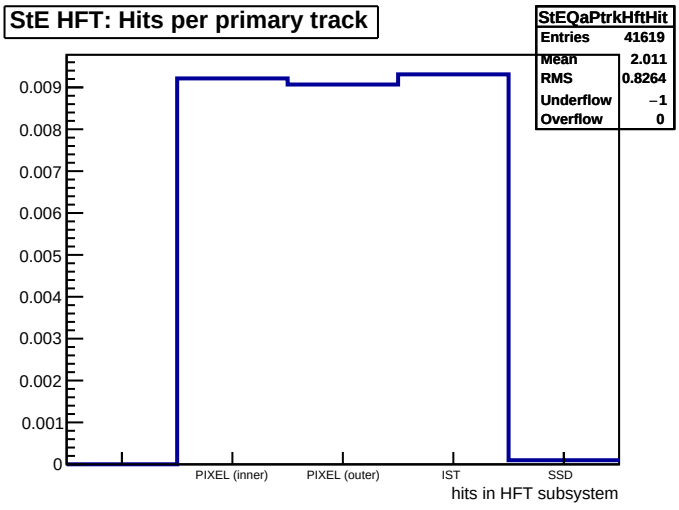
StE PIXEL: Hits per primary track



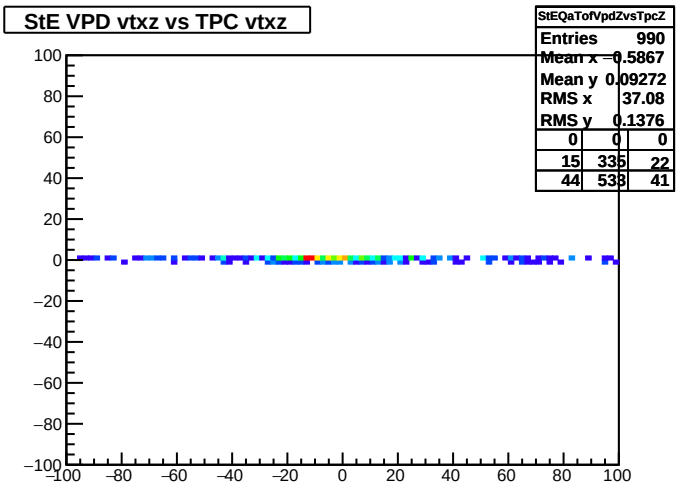
StE IST: Hits per primary track



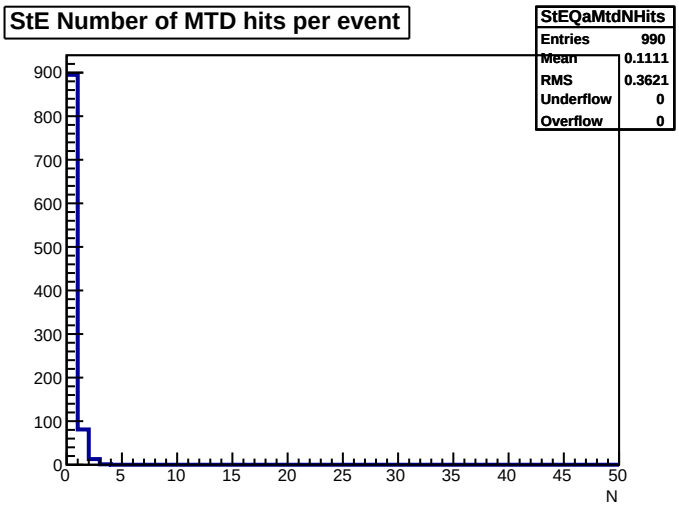
StE HFT: Hits per primary track



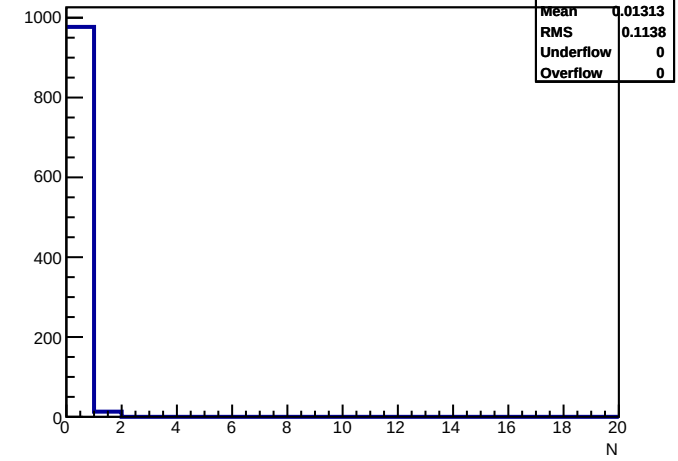
StE VPD vtxz vs TPC vtxz



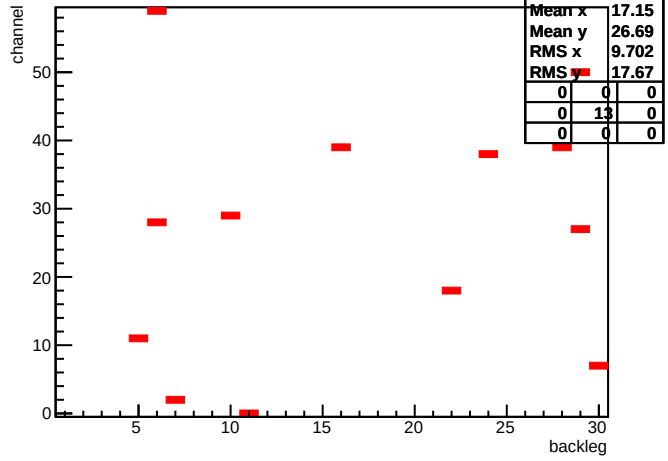
StE Number of MTD hits per event



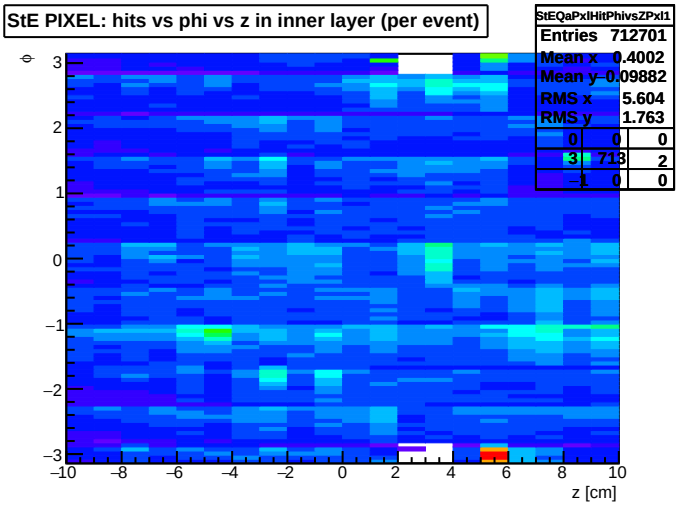
StE Number of matched MTD hits per event



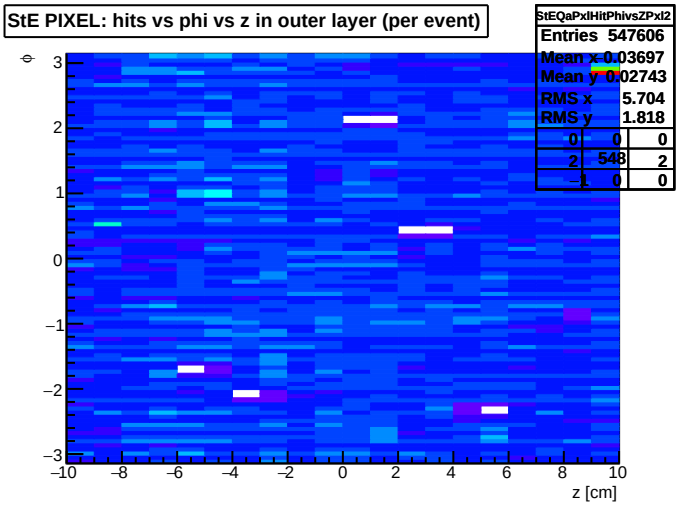
StE MTD: channel vs backleg of matched hits



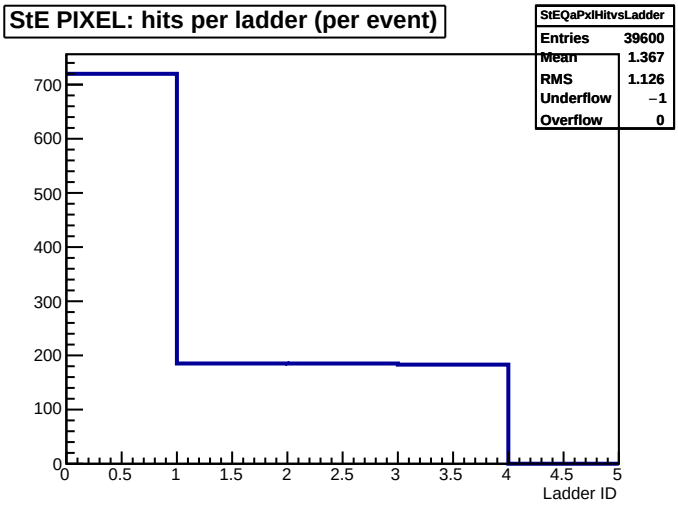
StE PIXEL: hits vs phi vs z in inner layer (per event)



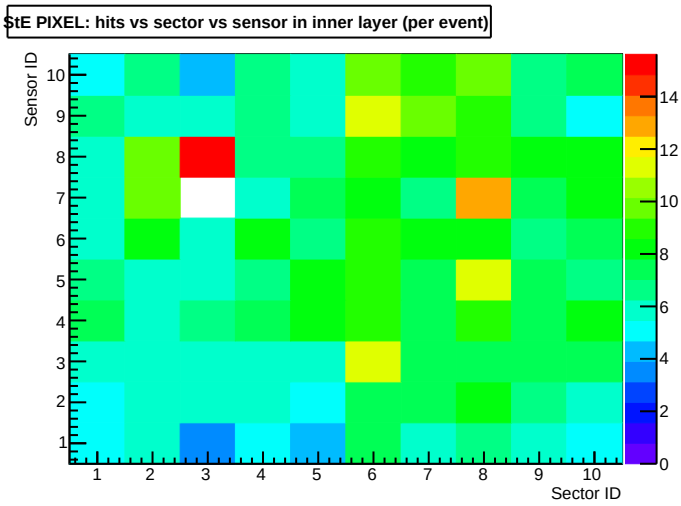
StE PIXEL: hits vs phi vs z in outer layer (per event)



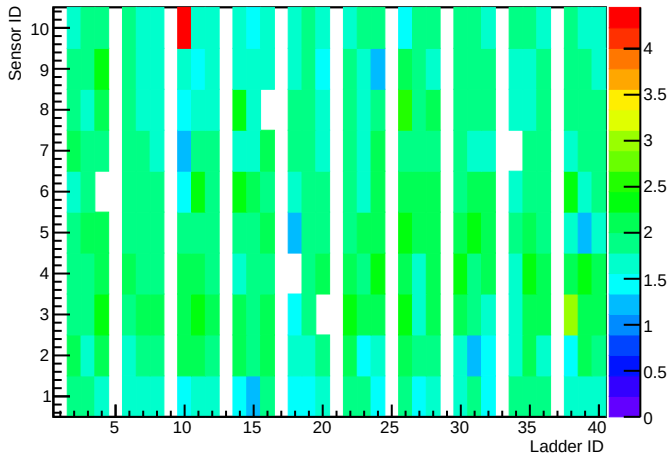
StE PIXEL: hits per ladder (per event)



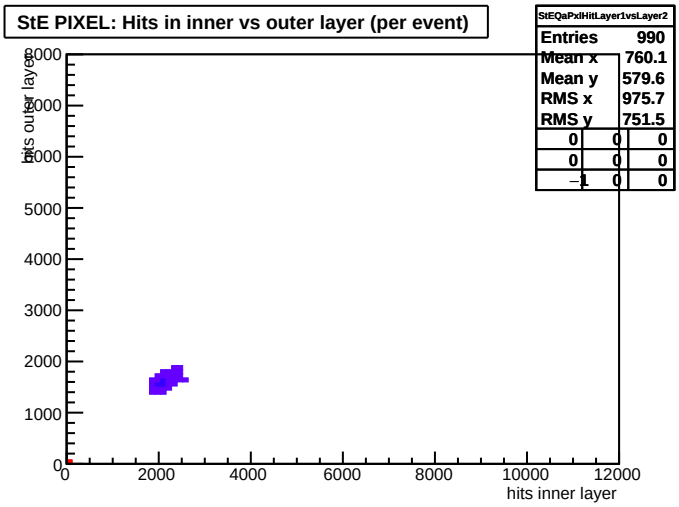
StE PIXEL: hits vs sector vs sensor in inner layer (per event)



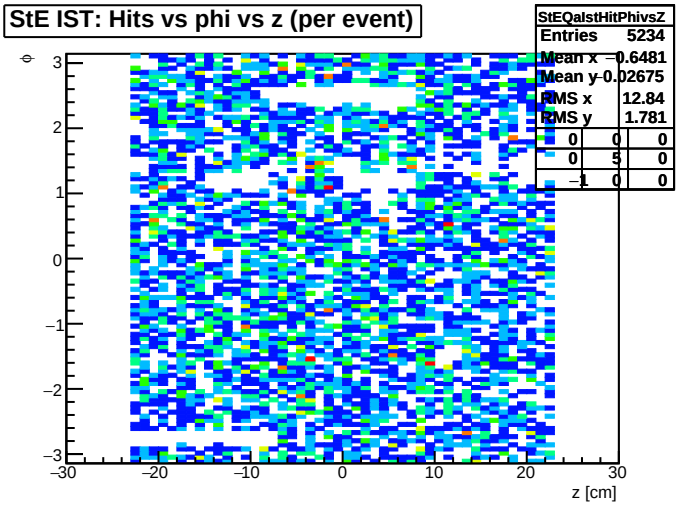
StE PIXEL: hits vs ladder vs sensor in outer layer (per event)



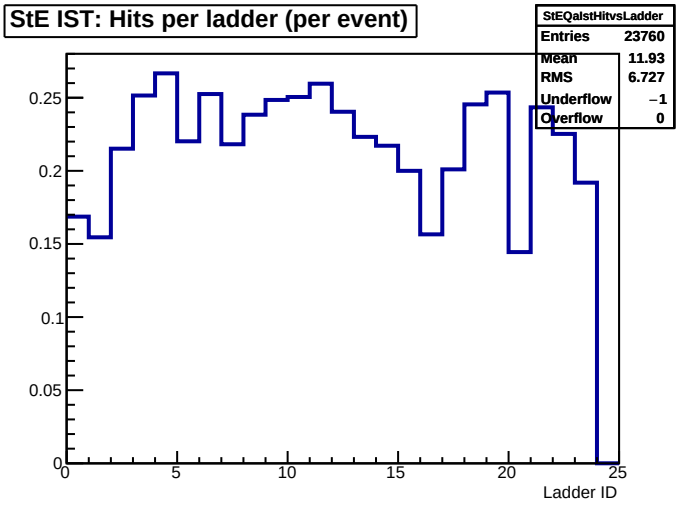
StE PIXEL: Hits in inner vs outer layer (per event)



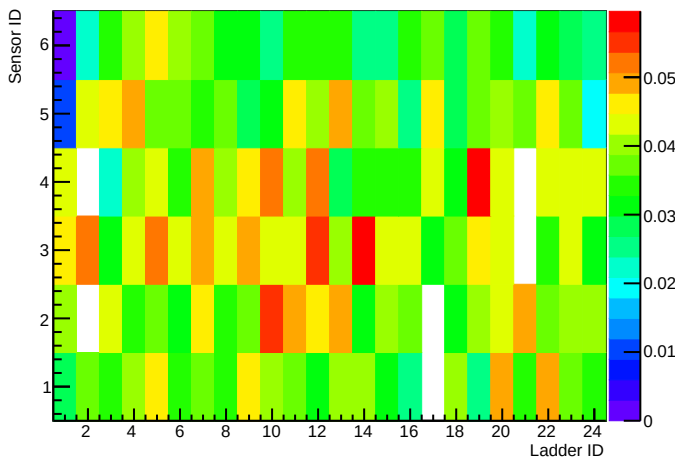
StE IST: Hits vs phi vs z (per event)



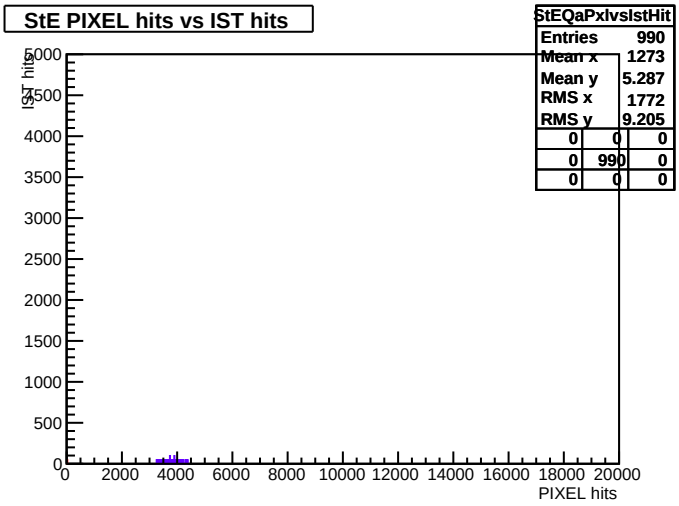
StE IST: Hits per ladder (per event)



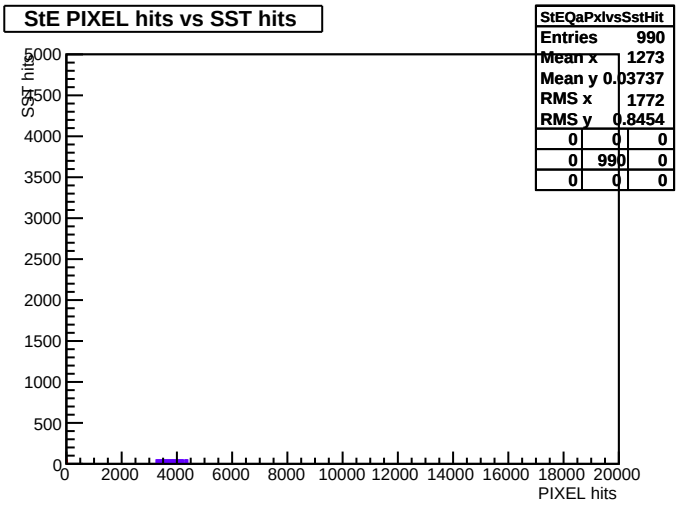
StE IST: Hits vs ladder vs sensor (per event)



StE PIXEL hits vs IST hits



StE PIXEL hits vs SST hits



StE IST hits vs SST hits