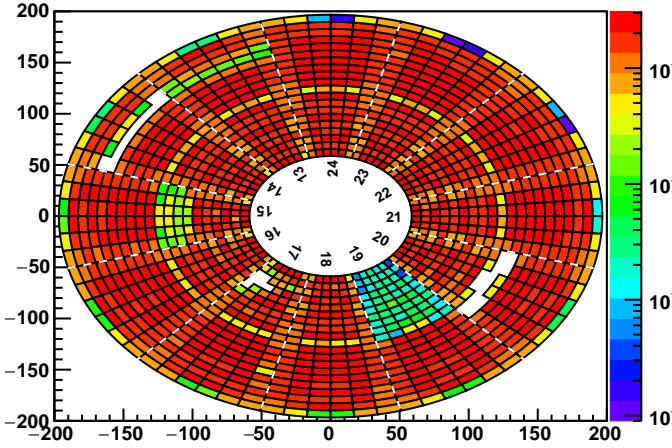
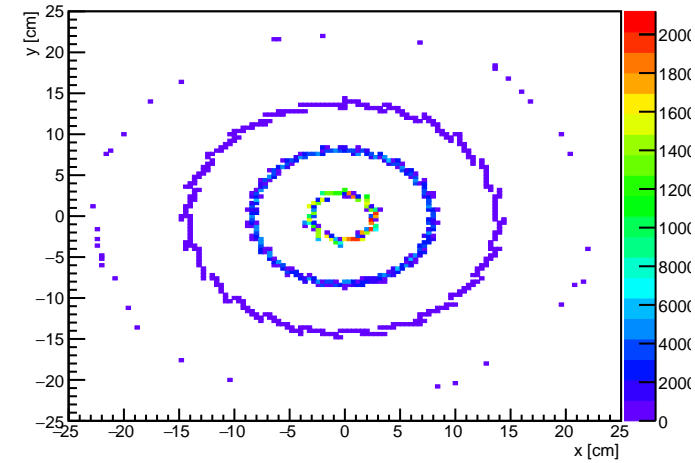


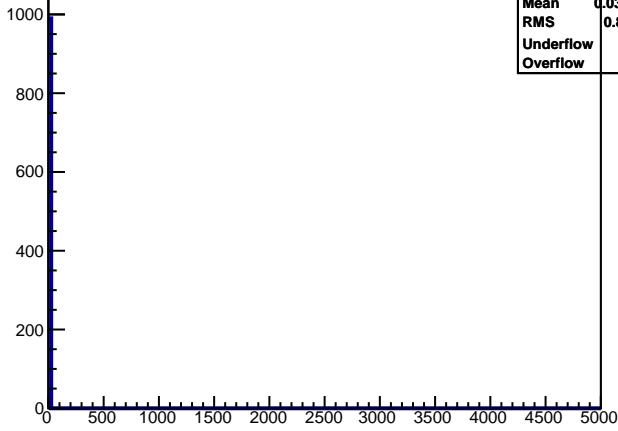
StE point: r-phi distribution of charge, tpcE



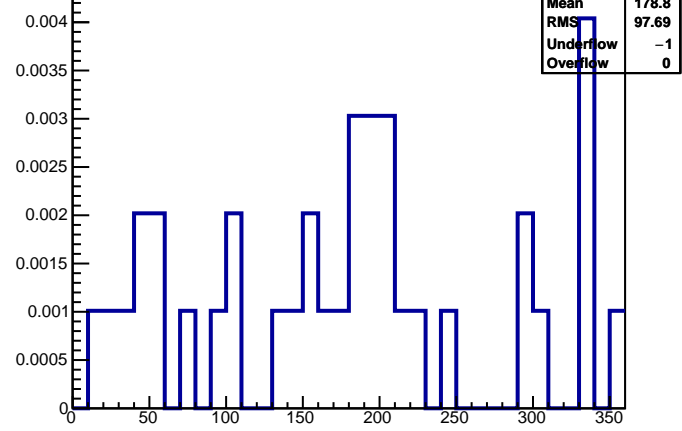
PIXEL, IST, SSD: Distribution of hits in XY



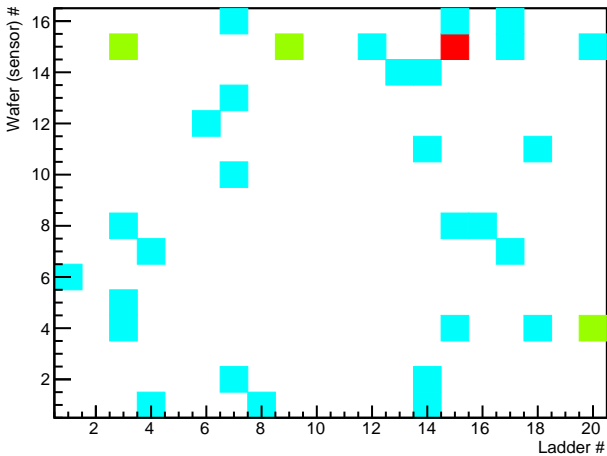
StE point: # hits sst



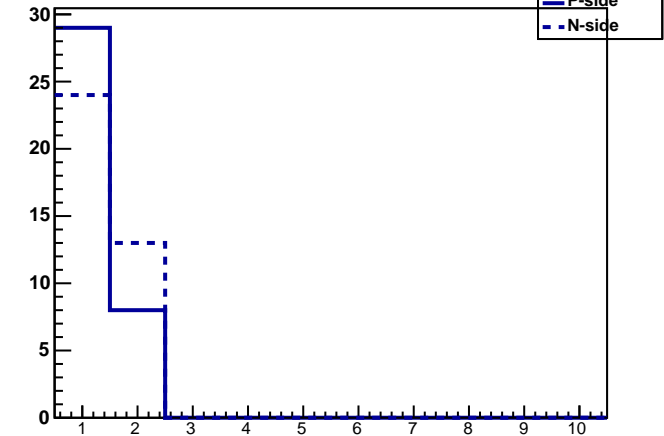
StE SST: ϕ of hits (per event)



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

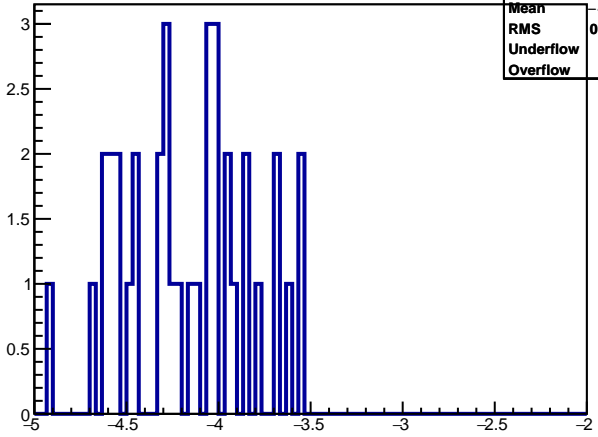


StE SST: size of clusters



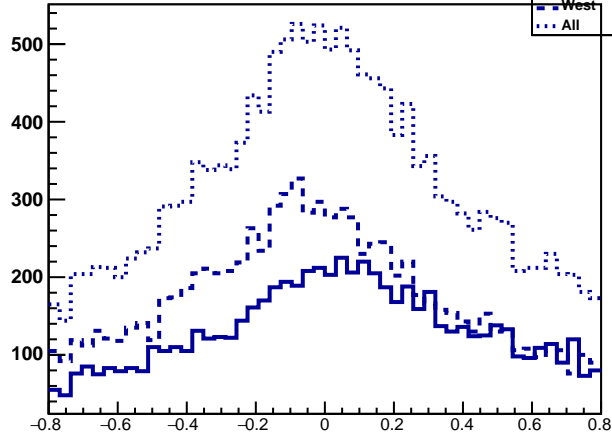
StE SST: log10(energy) of hits

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



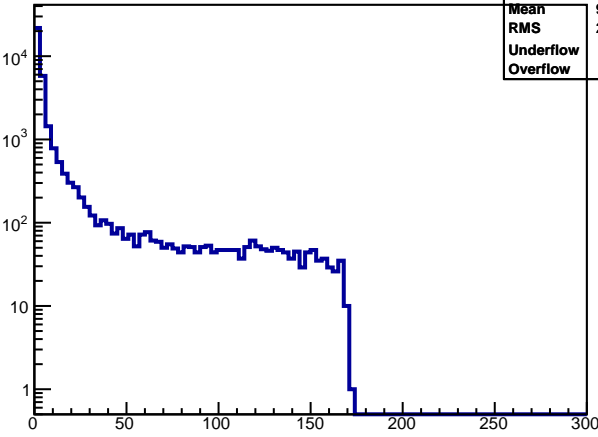
StE globtrk: signed impact param from prim vtx, tpc

Legend	
— East	
- - - West	
... All	



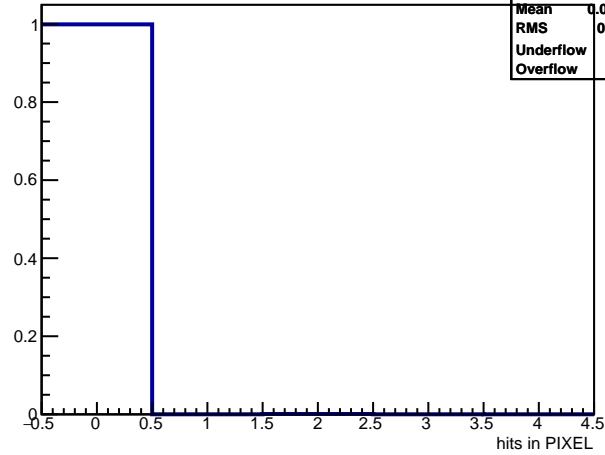
StE globtrk: impact param from prim vtx, tpc

StEQaGtrkImpactrT	
Entries	34216
Mean	9.517
RMS	25.06
Underflow	0
Overflow	0



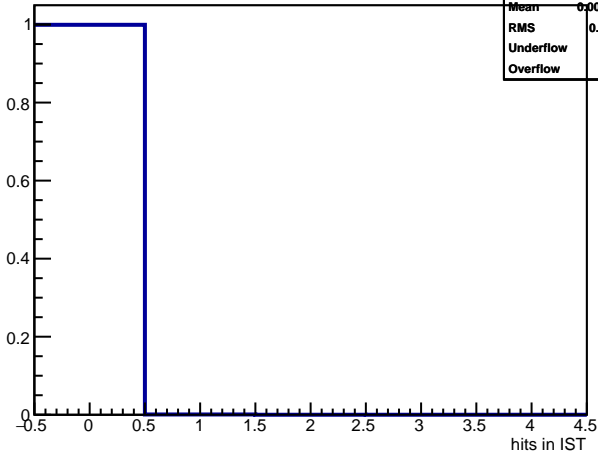
StE PIXEL: Hits per global track

StEQaGtrkPxHit	
Entries	451969
Mean	0.00162
RMS	0.0572
Underflow	-1
Overflow	0



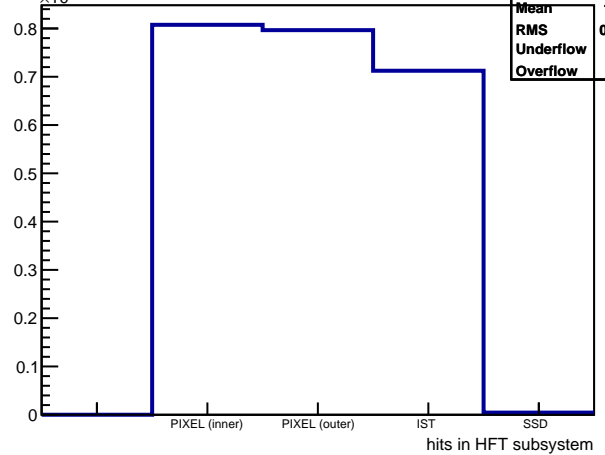
StE IST: Hits per global track

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



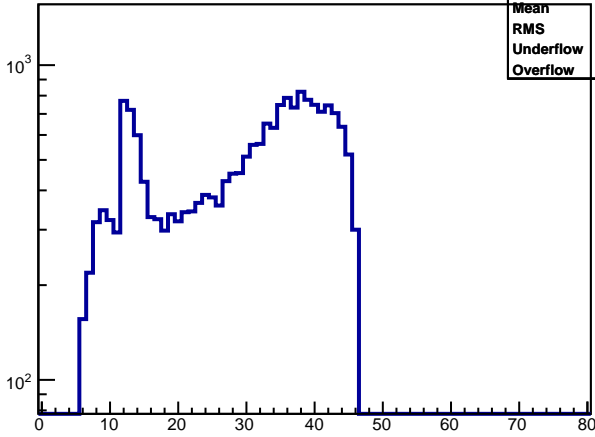
StE HFT: Hits per global track

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



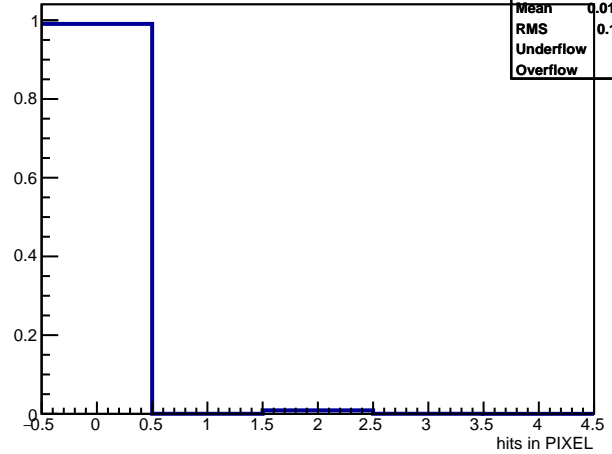
StE primtrk: N fit pnts on trk, tpc

StEQaPtrkNPntFitT	
Entries	20431
Mean	28.78
RMS	11.46
Underflow	0
Overflow	0



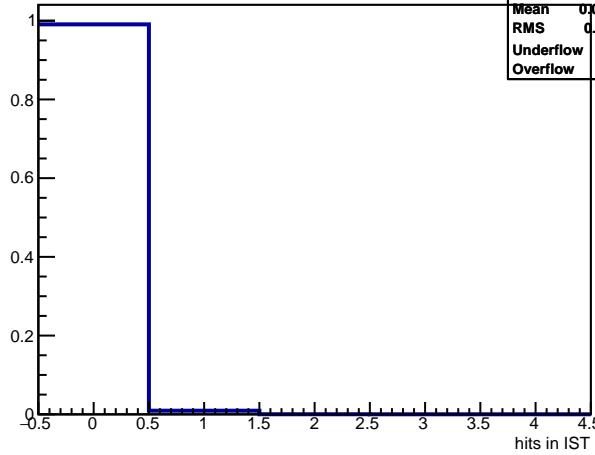
StE PIXEL: Hits per primary track

StEQaPtrkPxIHit	
Entries	20621
Mean	0.01848
RMS	0.1925
Underflow	-1
Overflow	0



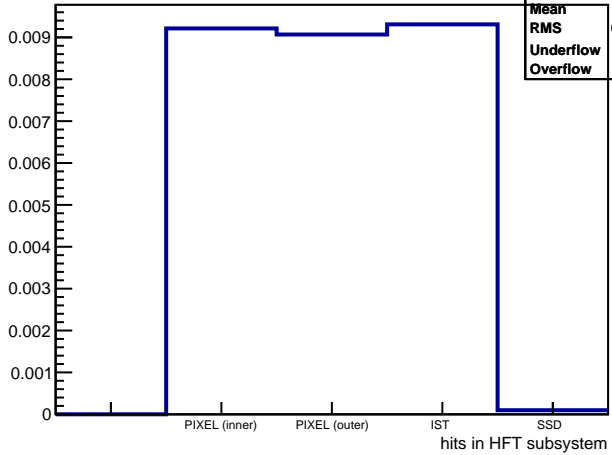
StE IST: Hits per primary track

StEQaPtrkIstHit	
Entries	20621
Mean	0.009311
RMS	0.09705
Underflow	-1
Overflow	0



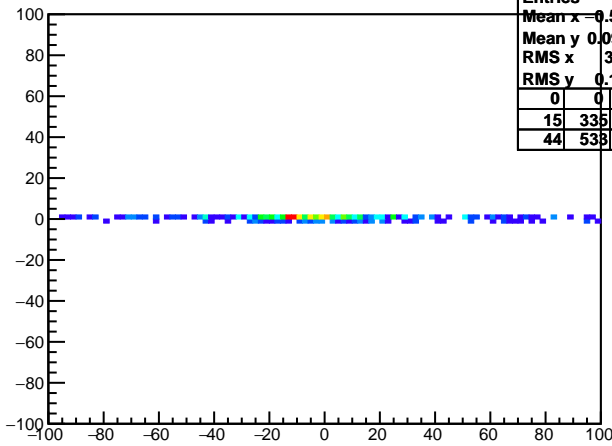
StE HFT: Hits per primary track

StEQaPtrkHftHit	
Entries	41619
Mean	2.011
RMS	0.8264
Underflow	-1
Overflow	0



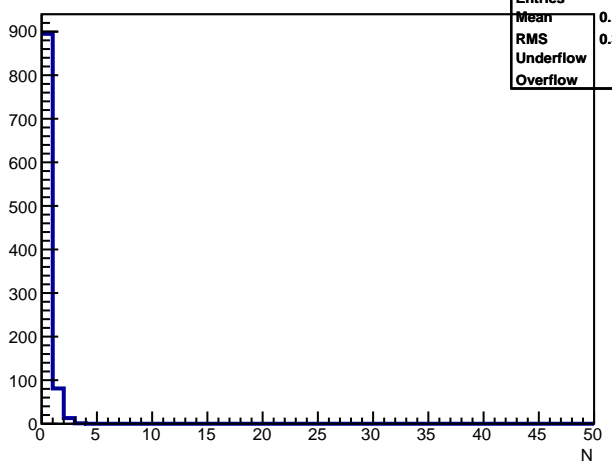
StE VPD vtxz vs TPC vtxz

StEQaTofVpdZvsTpcZ		
Entries	990	
Mean x	-0.5867	
Mean y	0.09272	
RMS x	37.08	
RMS y	0.1376	
0	0	0
15	33	22
44	53	41

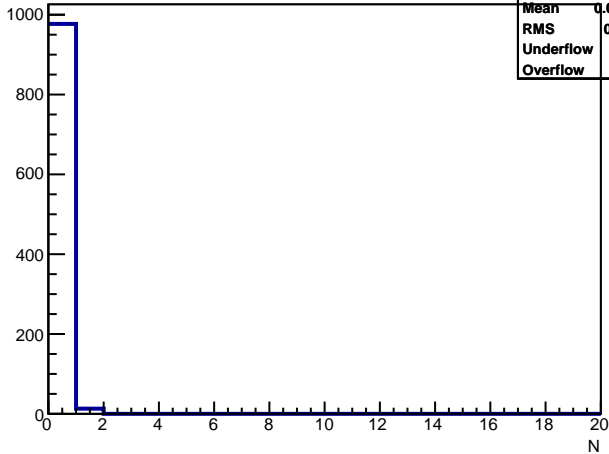


StE Number of MTD hits per event

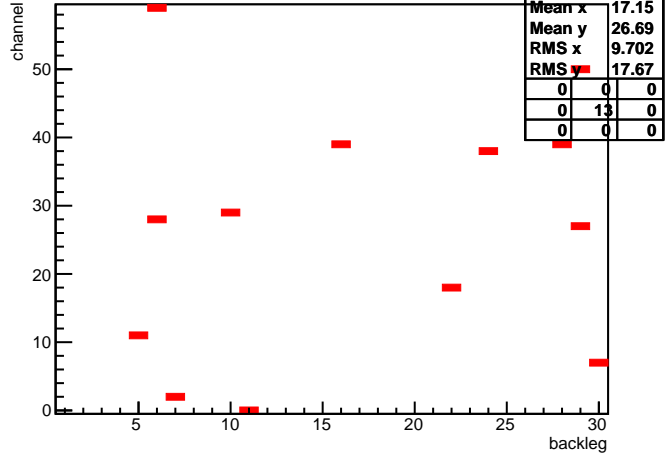
StEQaMtdNHits	
Entries	990
Mean	0.1111
RMS	0.3621
Underflow	0
Overflow	0



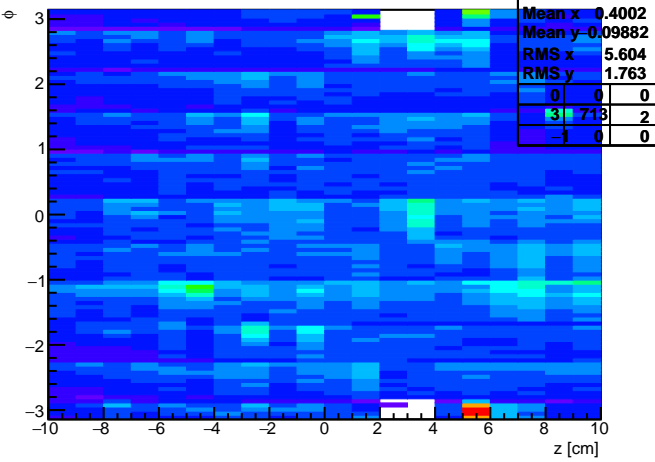
StE Number of matched MTD hits per event



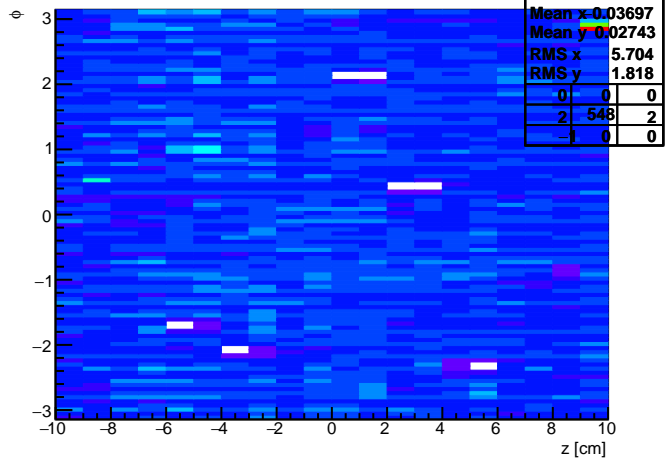
StE MTD: channel vs backlog of matched hits



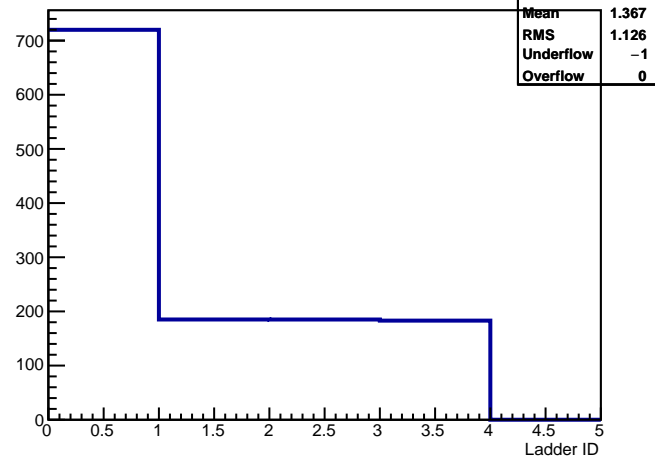
StE PIXEL: hits vs phi vs z in inner layer (per event)



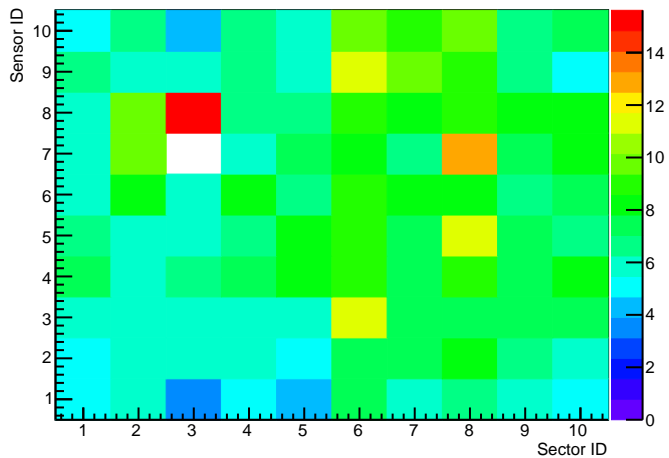
StE PIXEL: hits vs phi vs z in outer layer (per event)



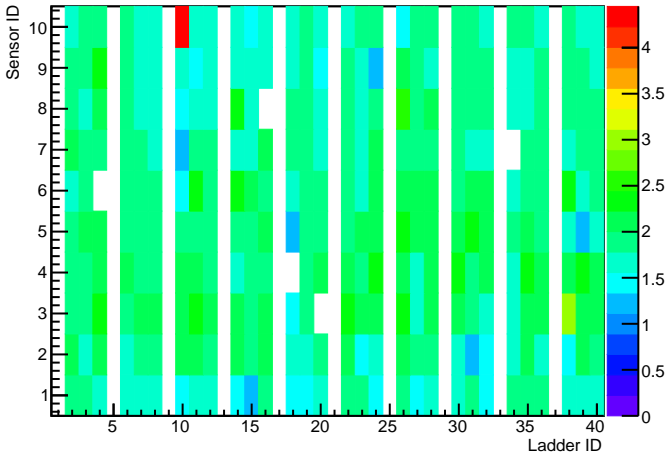
StE PIXEL: hits per ladder (per event)



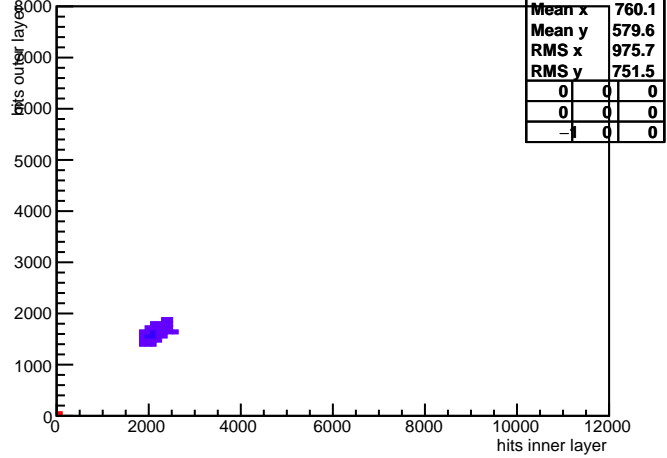
StE PIXEL: hits vs sector vs sensor in inner layer (per event)



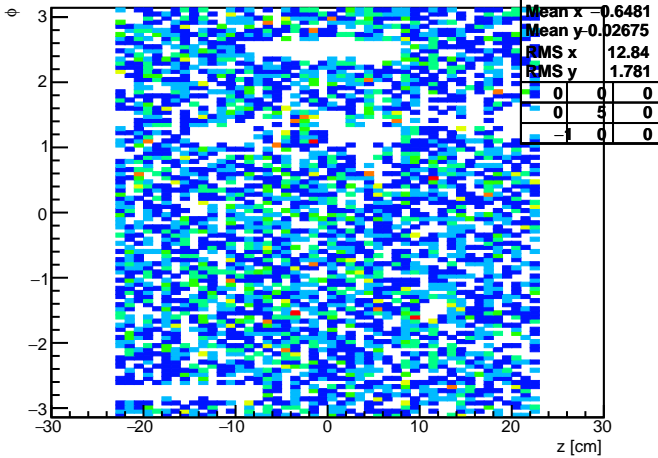
StE PIXEL: hits vs ladder vs sensor in outer layer (per event)



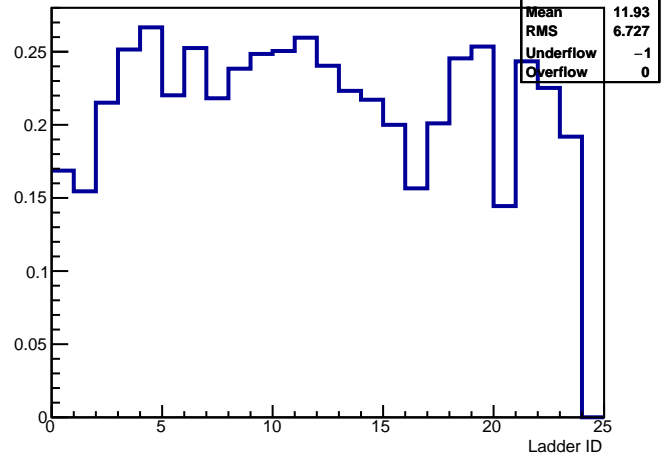
StE PIXEL: Hits in inner vs outer layer (per event)



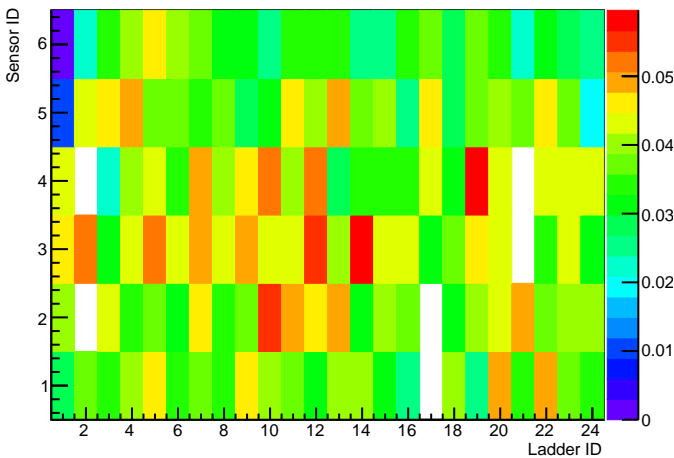
StE IST: Hits vs phi vs z (per event)



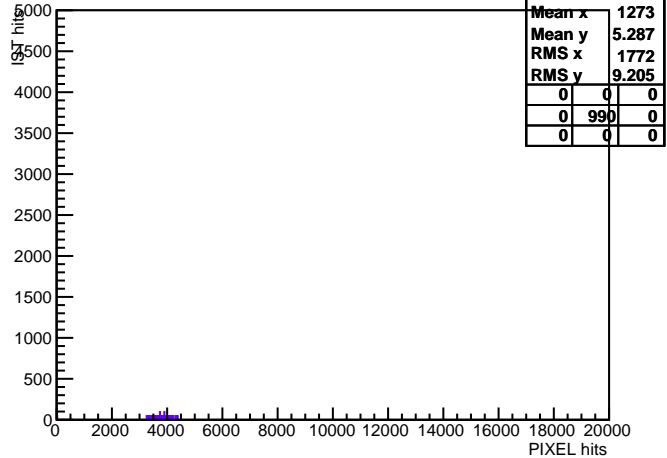
StE IST: Hits per ladder (per event)



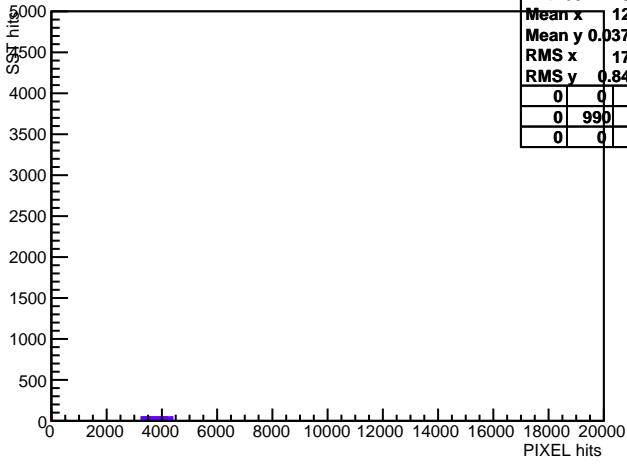
StE IST: Hits vs ladder vs sensor (per event)



StE PIXEL hits vs IST hits



StE PIXEL hits vs SST hits



StE IST hits vs SST hits

