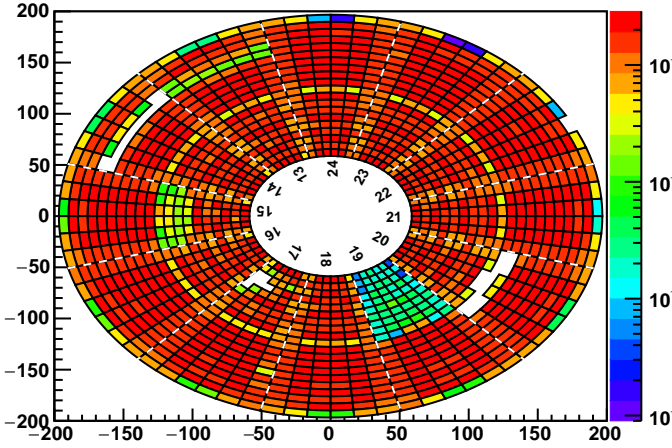
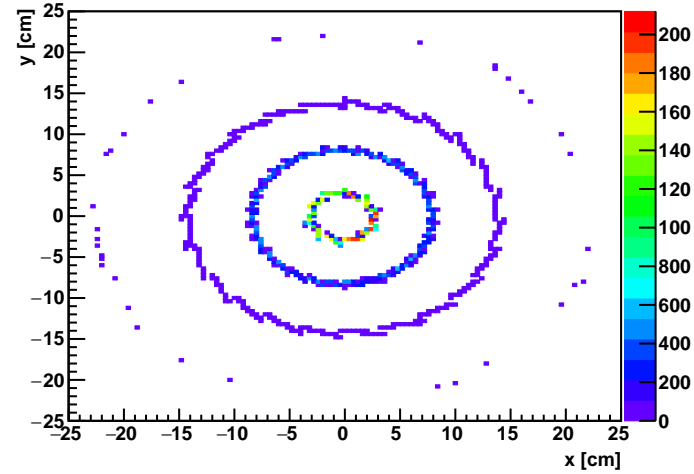


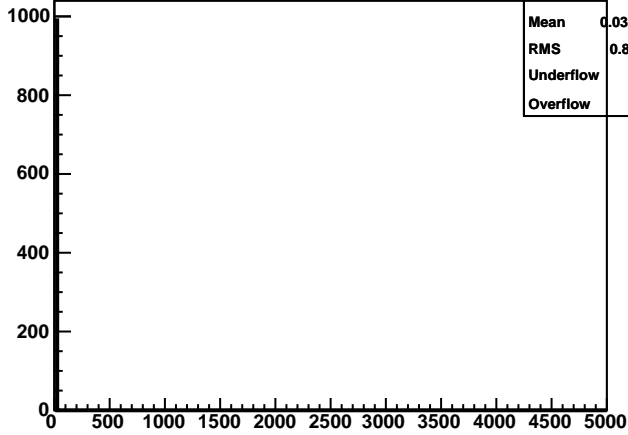
StE point: r-phi distribution of charge, tpcE



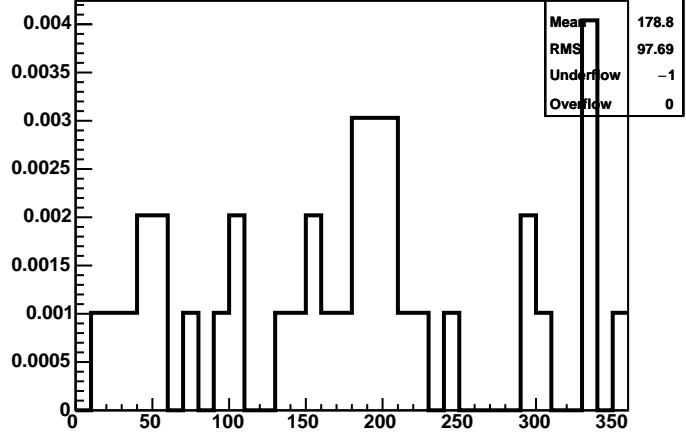
PIXEL, IST, SSD: Distribution of hits in XY



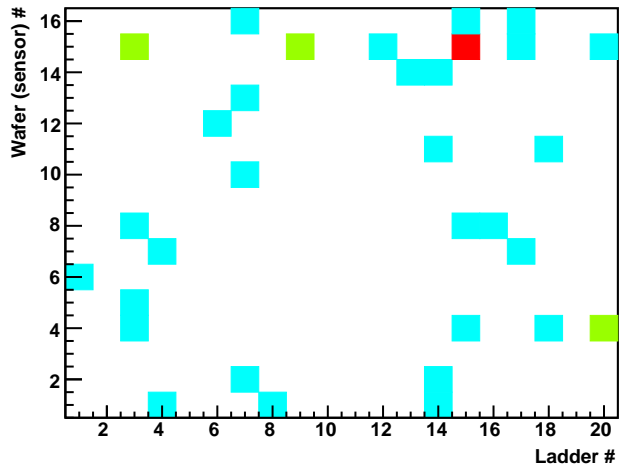
StE point: # hits sst



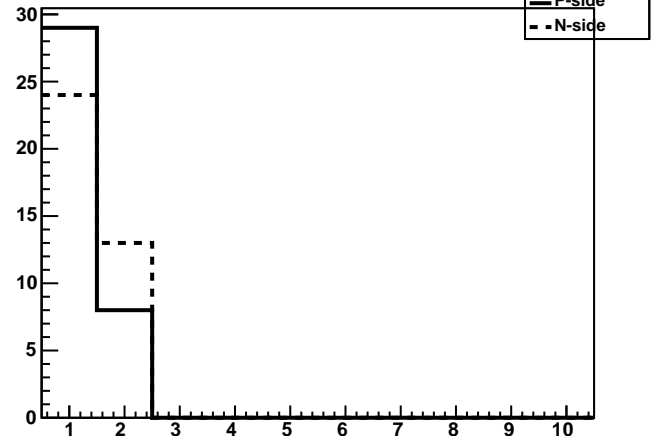
StE SST: ϕ of hits (per event)



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

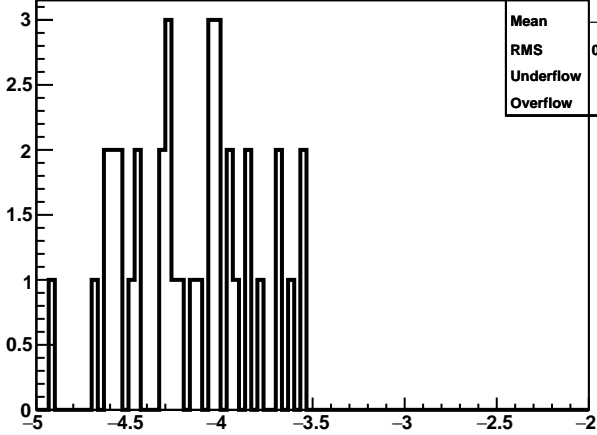


StE SST: size of clusters



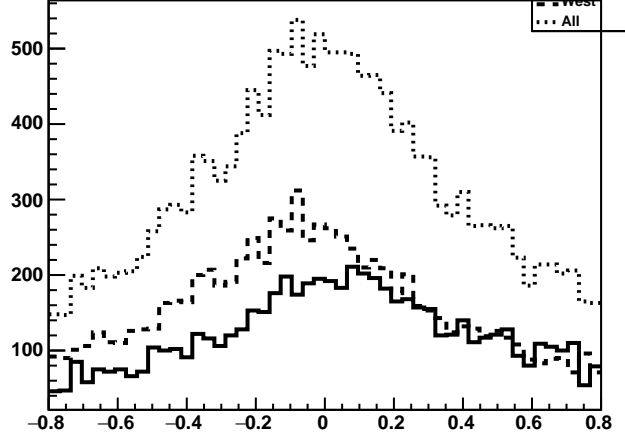
StE SST: log10(energy) of hits

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



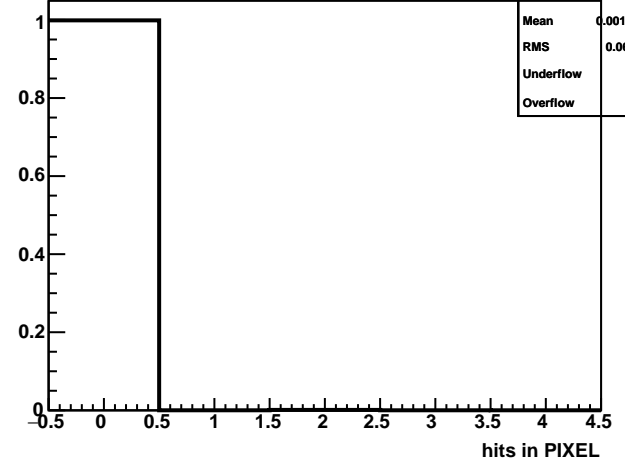
StE globtrk: impact param from prim vtx, tpc

StEQaGrkImpactrT	
Entries	33674
Mean	9.543
RMS	25.27
Underflow	0
Overflow	0



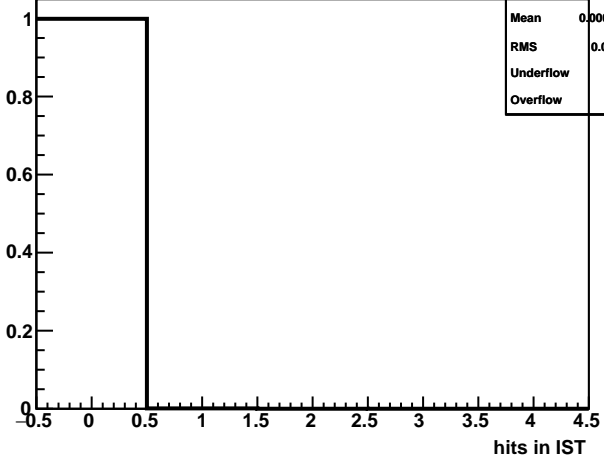
StE PIXEL: Hits per global track

StEQaGrkPxIHit	
Entries	449597
Mean	0.001964
RMS	0.06291
Underflow	-1
Overflow	0



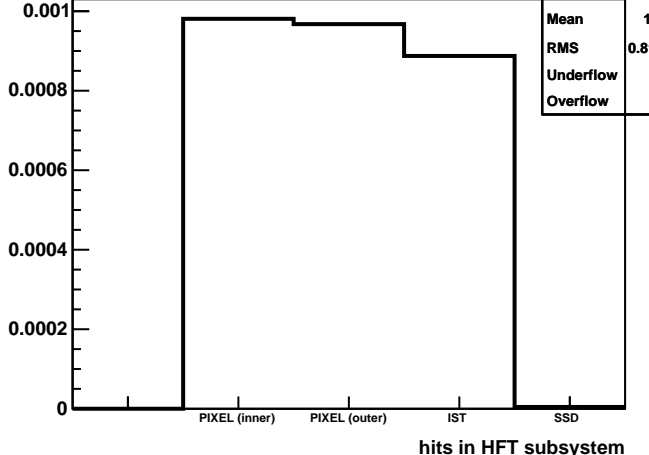
StE IST: Hits per global track

StEQaGrkIstHit	
Entries	449597
Mean	0.0008875
RMS	0.02993
Underflow	-1
Overflow	0



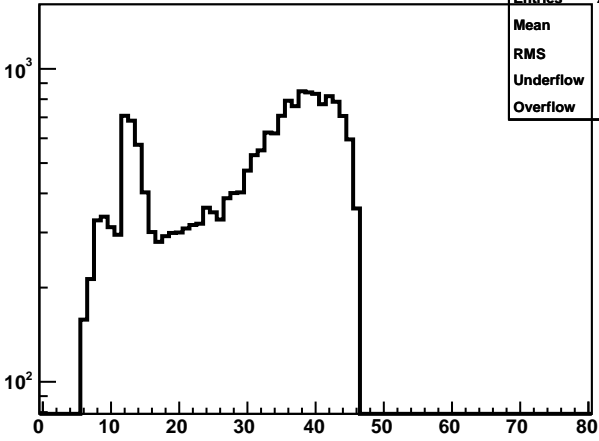
StE HFT: Hits per global track

StEQaGrkHftHit	
Entries	900070
Mean	1.97
RMS	0.8144
Underflow	-1
Overflow	0



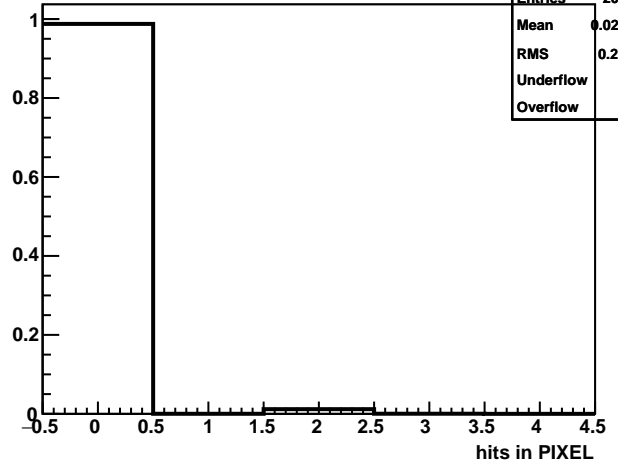
StE primtrk: N fit pnts on trk, tpc

StEQaPtrkNPntFitT	
Entries	20269
Mean	29.42
RMS	11.59
Underflow	0
Overflow	0



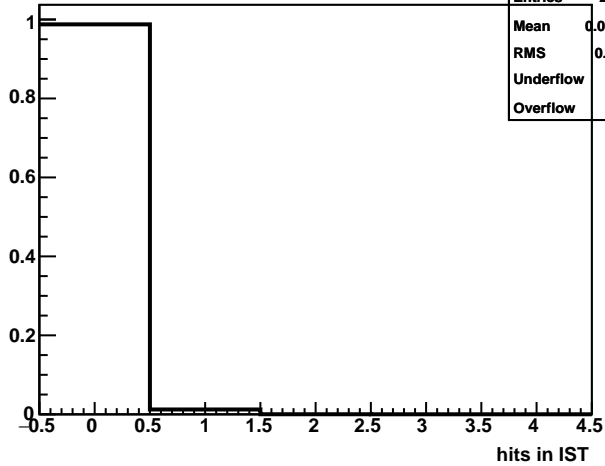
StE PIXEL: Hits per primary track

StEQaPtrkPxIHit	
Entries	20521
Mean	0.02471
RMS	0.2226
Underflow	-1
Overflow	0



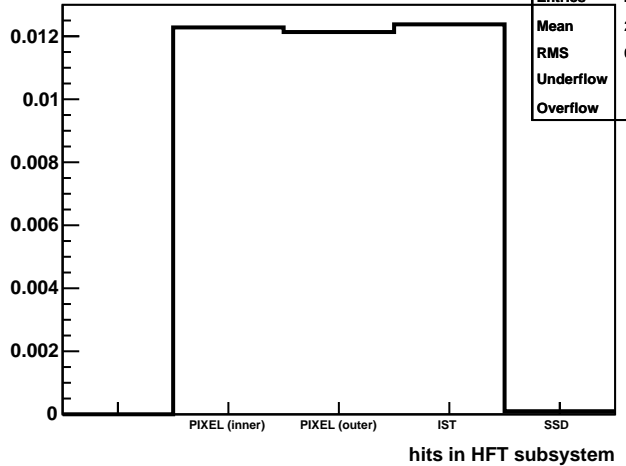
StE IST: Hits per primary track

StEQaPtrkIstHit	
Entries	20521
Mean	0.01238
RMS	0.1114
Underflow	-1
Overflow	0



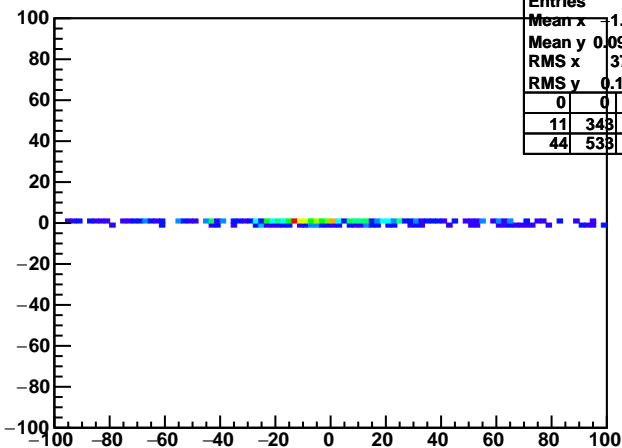
StE HFT: Hits per primary track

StEQaPtrkHftHit	
Entries	41543
Mean	2.008
RMS	0.824
Underflow	-1
Overflow	0



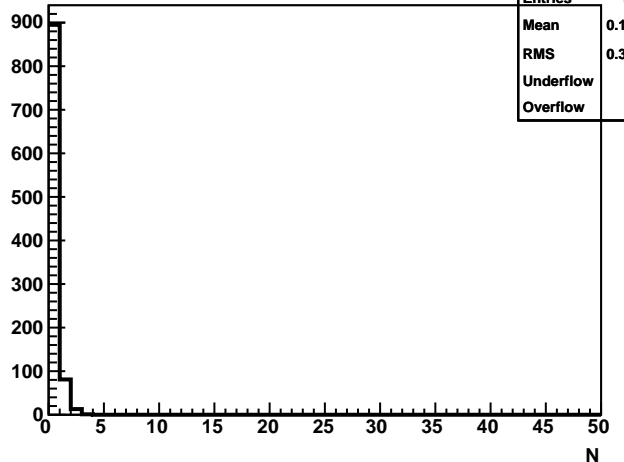
StE VPD vtxz vs TPC vtxz

StEQaTofVpdZvsTpcZ		
Entries	990	
Mean x	-1.322	
Mean y	0.09366	
RMS x	37.46	
RMS y	0.1374	
0	0	0
11	348	18
44	538	41

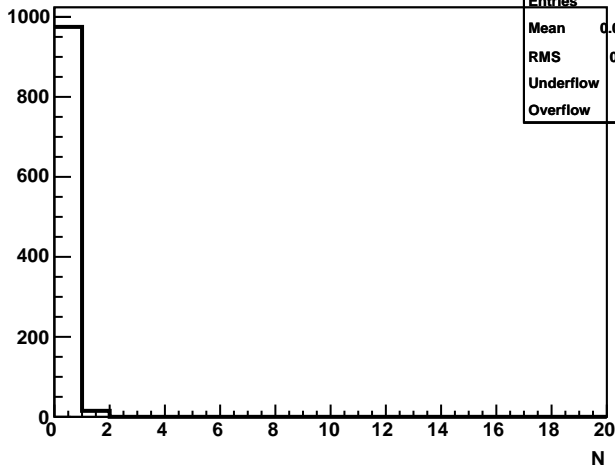


StE Number of MTD hits per event

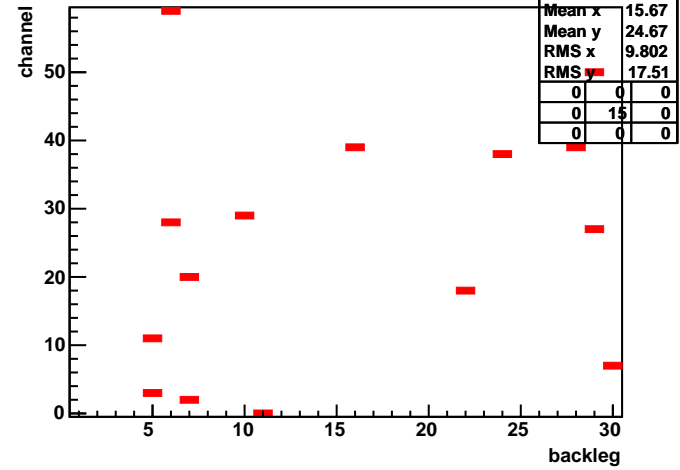
StEQaMtdNHits	
Entries	990
Mean	0.1111
RMS	0.3621
Underflow	0
Overflow	0



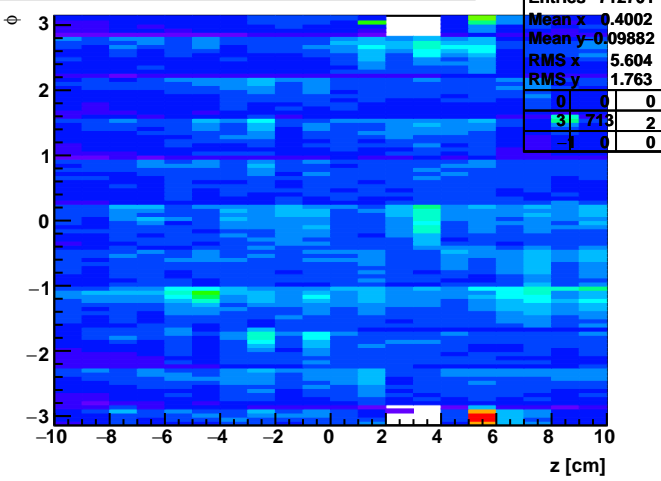
StE Number of matched MTD hits per event



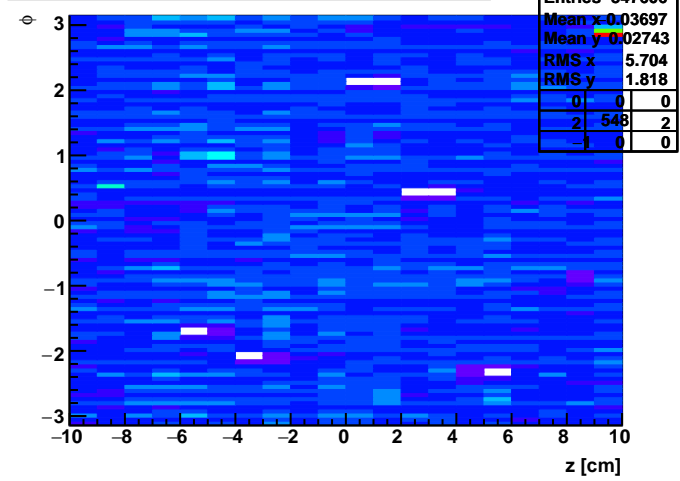
StE MTD: channel vs backlog of matched hits



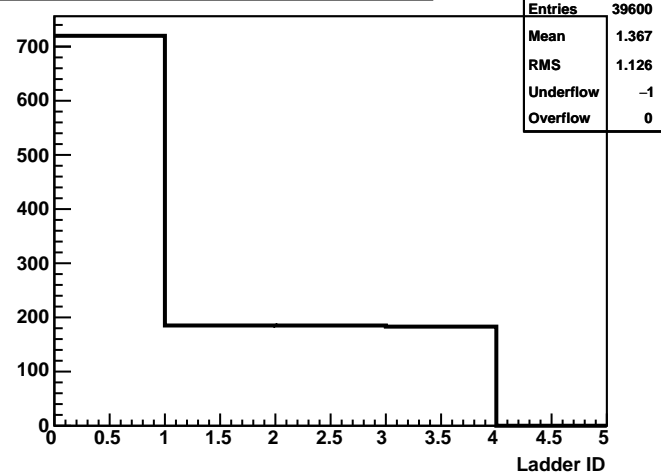
StE PIXEL: hits vs phi vs z in inner layer (per event)



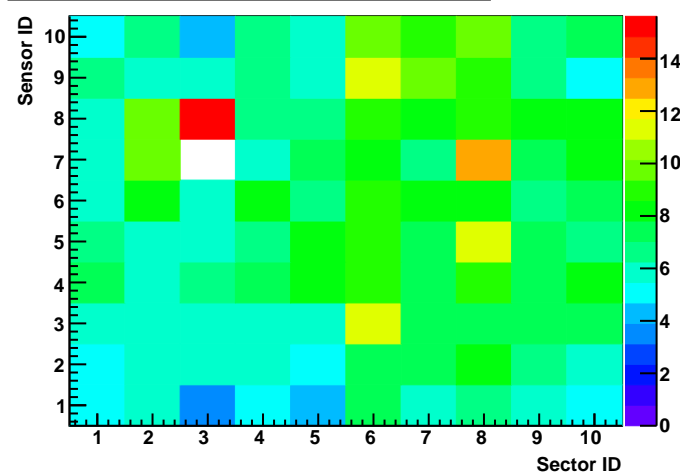
StE PIXEL: hits vs phi vs z in outer layer (per event)



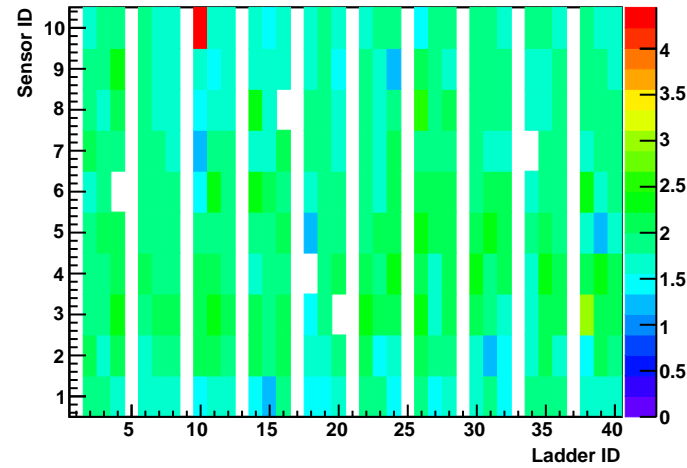
StE PIXEL: hits per ladder (per event)



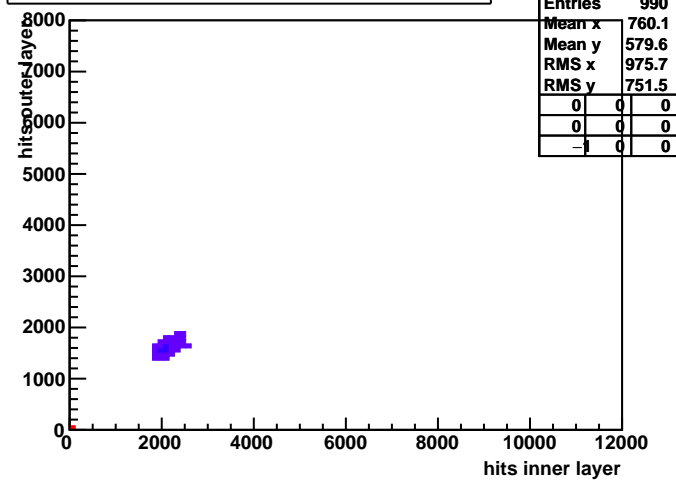
StE PIXEL: hits vs sector vs sensor in inner layer (per event)



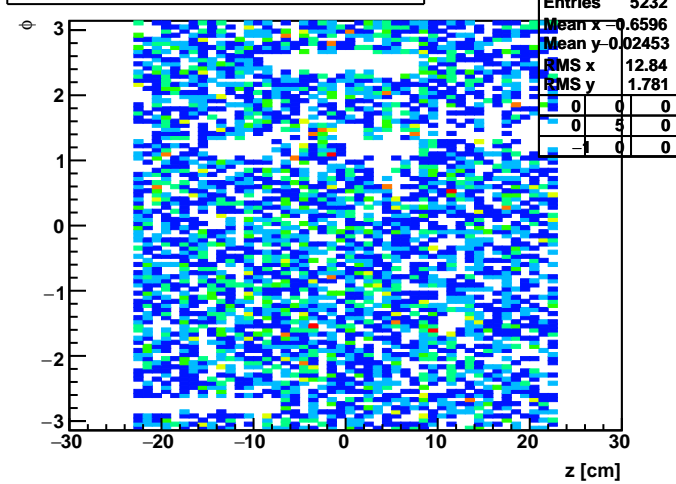
StE PIXEL: hits vs ladder vs sensor in outer layer (per event)



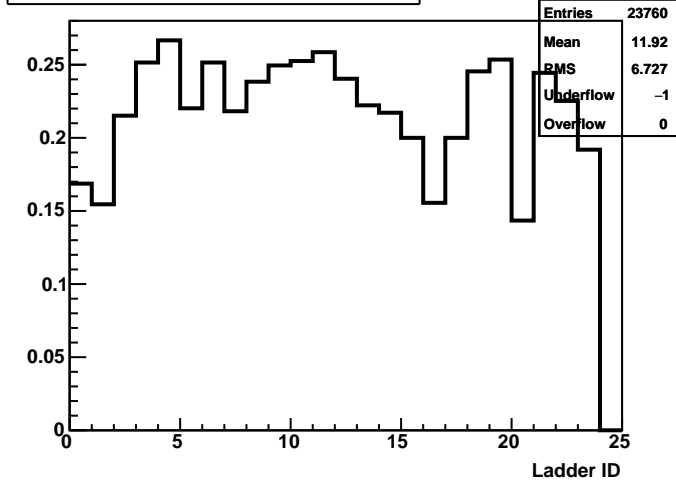
StE PIXEL: Hits in inner vs outer layer (per event)



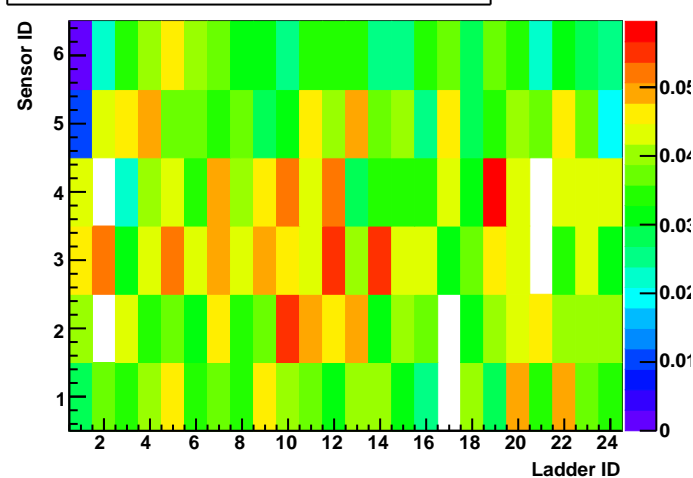
StE IST: Hits vs phi vs z (per event)



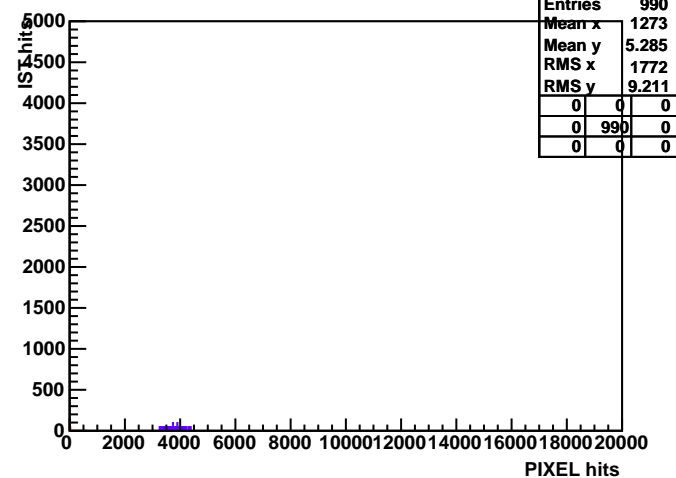
StE IST: Hits per ladder (per event)



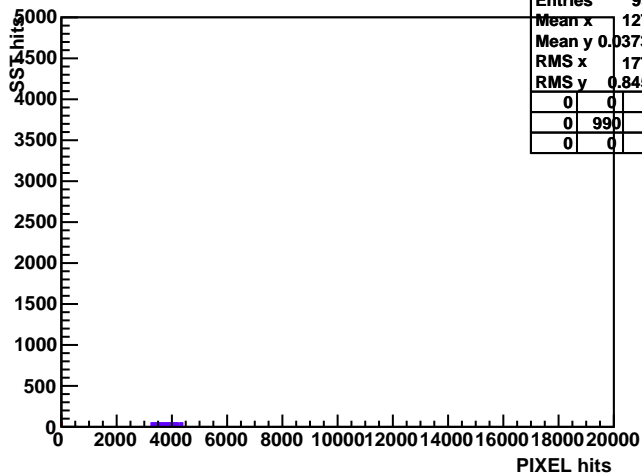
StE IST: Hits vs ladder vs sensor (per event)



StE PIXEL hits vs IST hits



StE PIXEL hits vs SST hits



StE IST hits vs SST hits

