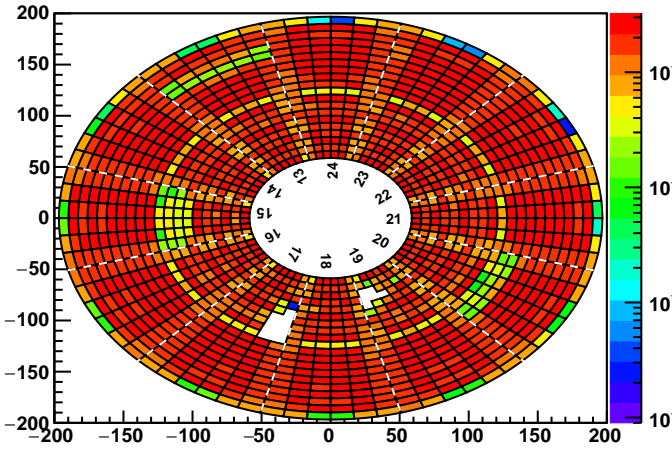
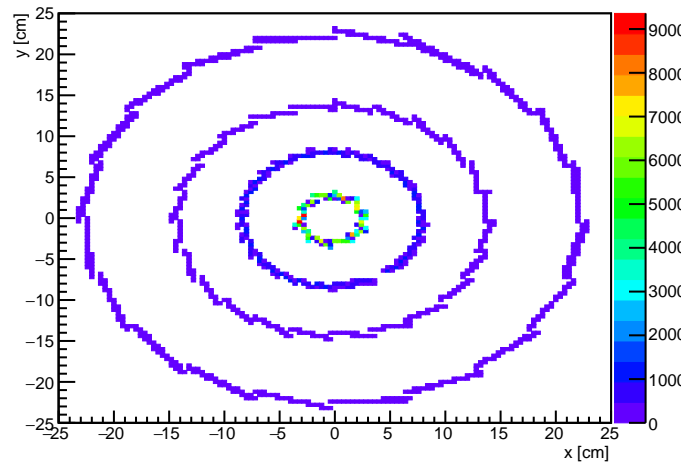


StE point: r-phi distribution of charge, tpcE

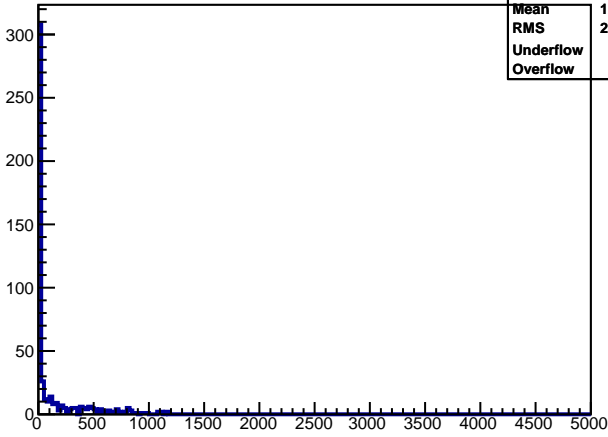


PIXEL, IST, SSD: Distribution of hits in XY



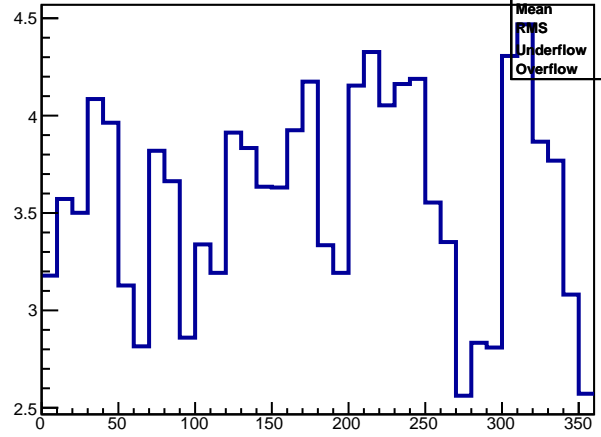
StE point: # hits sst

StEQaPointSst	
Entries	493
Mean	128.8
RMS	243.9
Underflow	0
Overflow	0

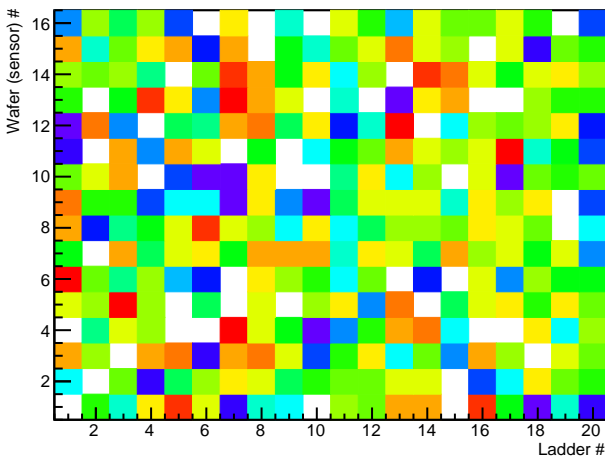


StE SST:  $\phi$  of hits (per event)

StEQaPointPhiSST	
Entries	63505
Mean	180
RMS	102.2
Underflow	-1
Overflow	0

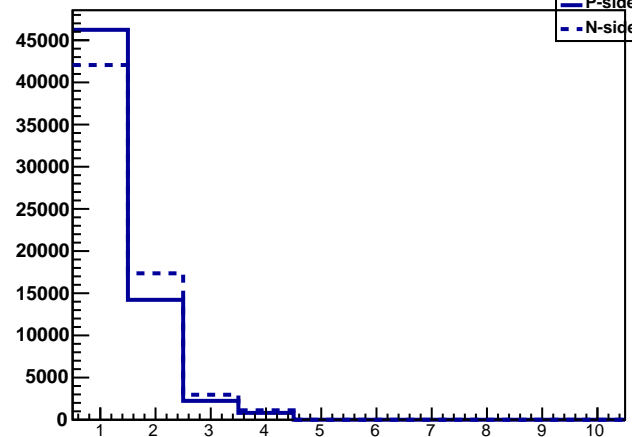


StE SST: wafer id vs ladder id (per event)

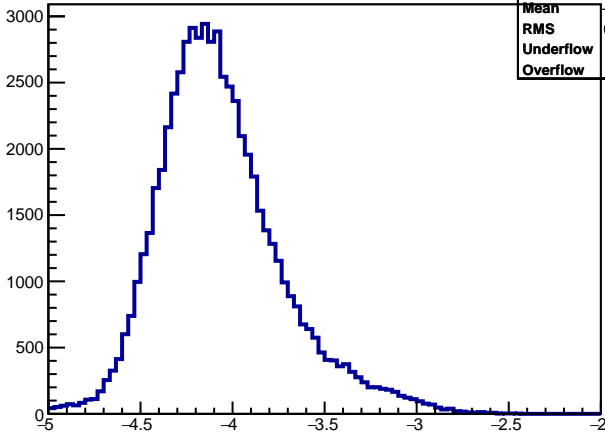


StE SST: size of clusters

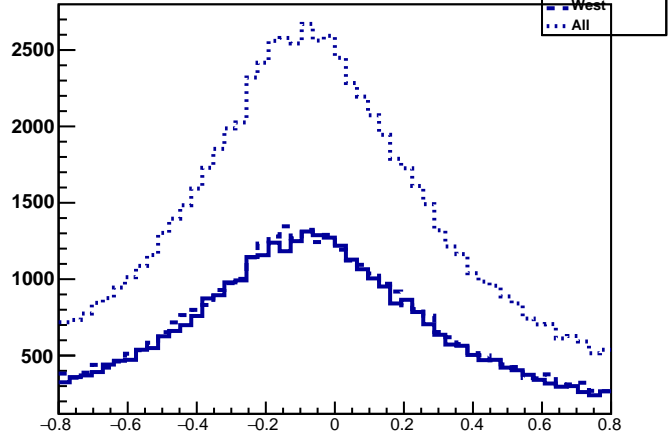
Legend  
— P-side  
- - N-side



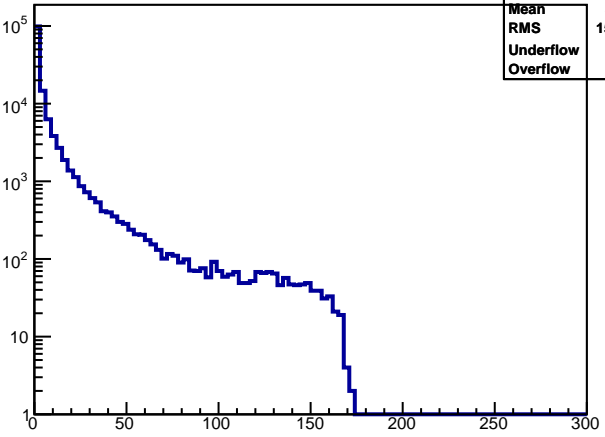
StE SST: log10(energy) of hits



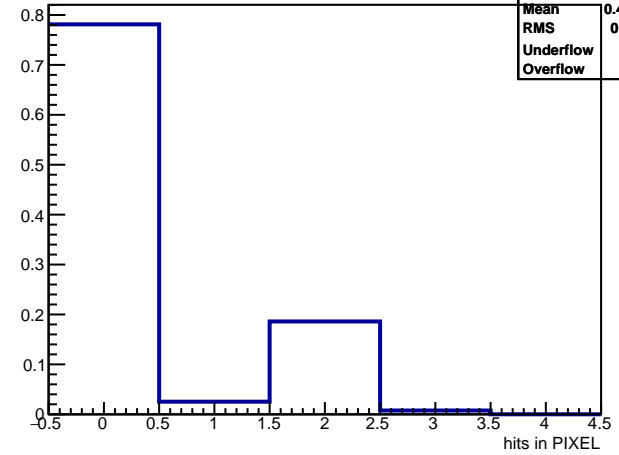
StE globtrk: signed impact param from prim vtx, tpc



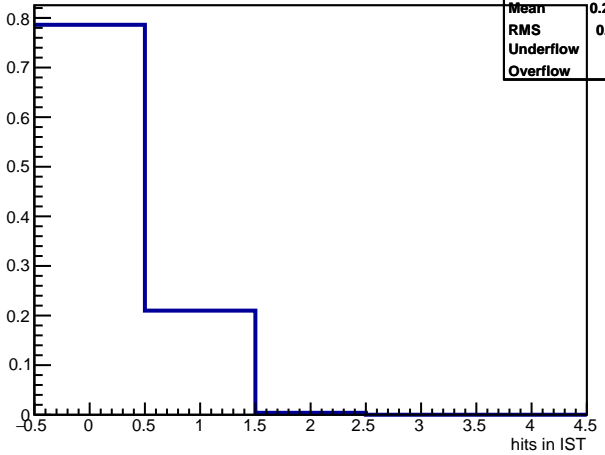
StE globtrk: impact param from prim vtx, tpc



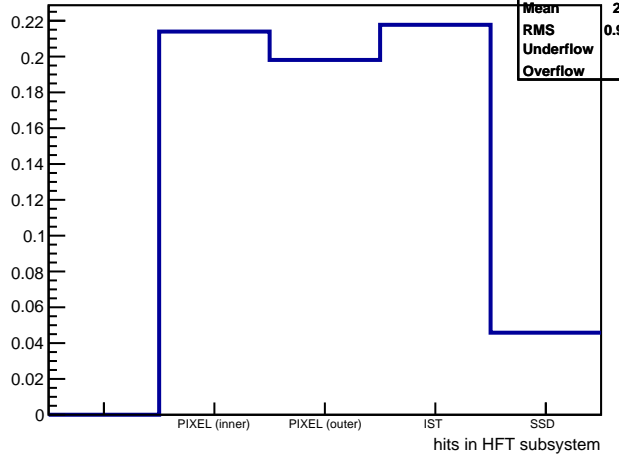
StE PIXEL: Hits per global track



StE IST: Hits per global track

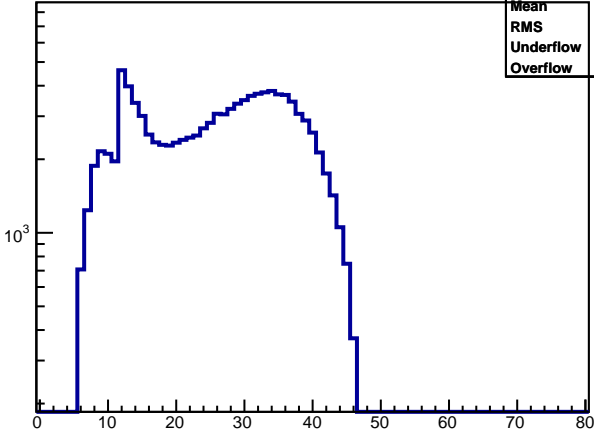


StE HFT: Hits per global track



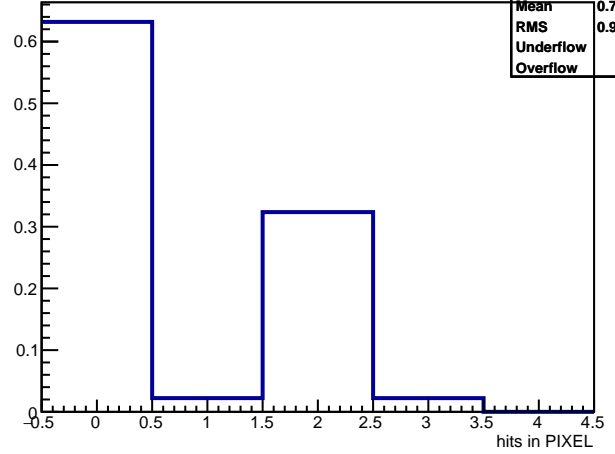
StE primtrk: N fit pnts on trk, tpc

StEQaPtrkNPntFitT
Entries 107601
Mean 25.81
RMS 10.41
Underflow 0
Overflow 0



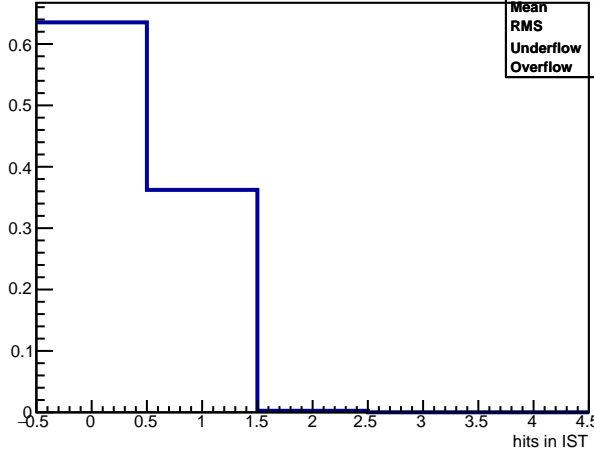
StE PIXEL: Hits per primary track

StEQaPtrkPxIHit
Entries 170306
Mean 0.7362
RMS 0.9873
Underflow -1
Overflow 0



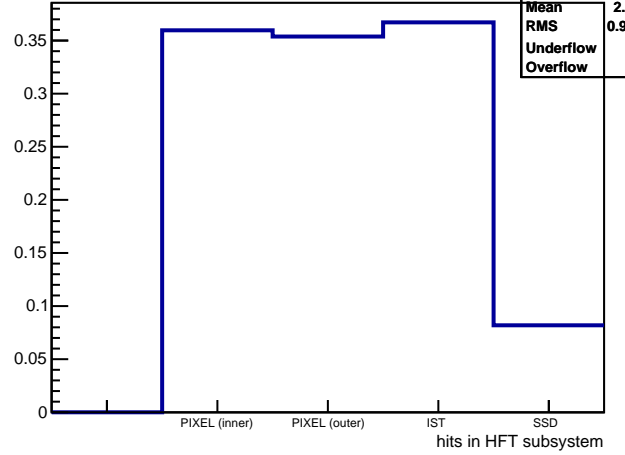
StE IST: Hits per primary track

StEQaPtrkIstHit
Entries 170306
Mean 0.3671
RMS 0.487
Underflow -1
Overflow 0



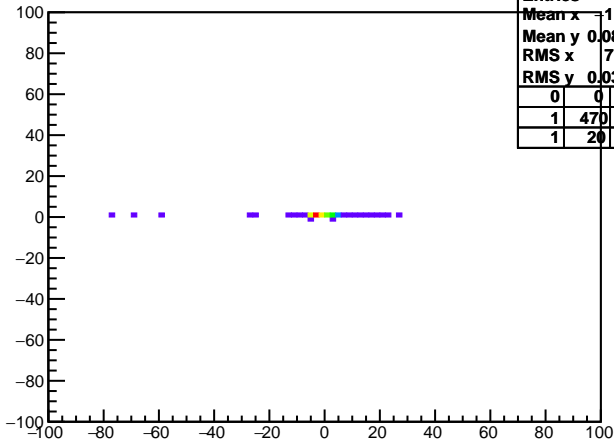
StE HFT: Hits per primary track

StEQaPtrkHftHit
Entries 462115
Mean 2.147
RMS 0.9409
Underflow -1
Overflow 0



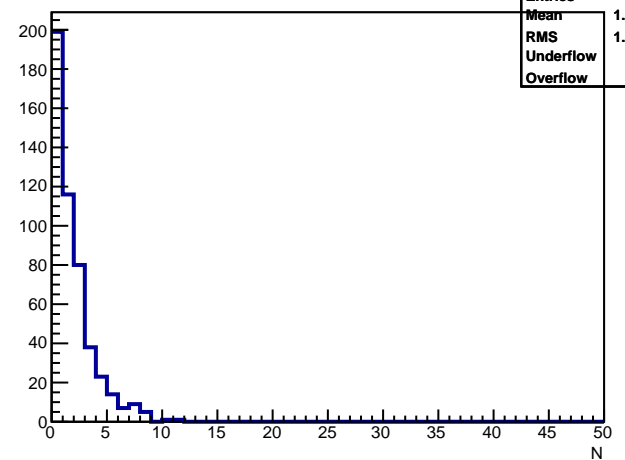
StE VPD vtxz vs TPC vtxz

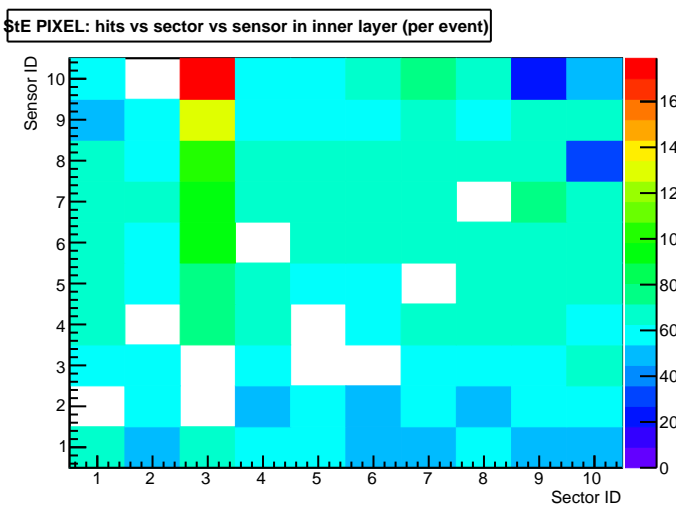
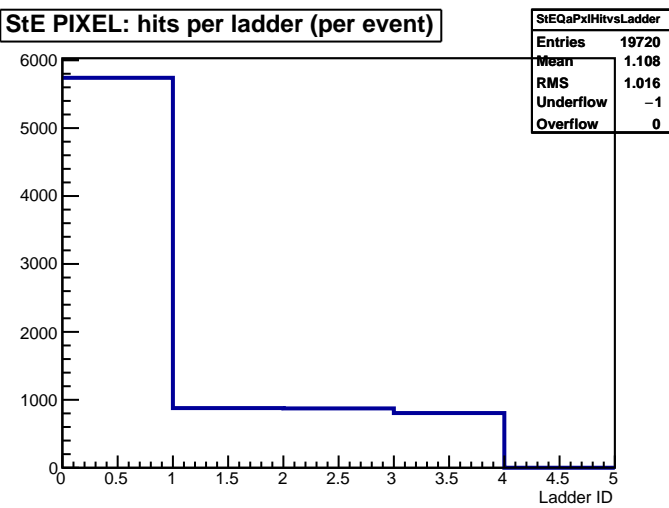
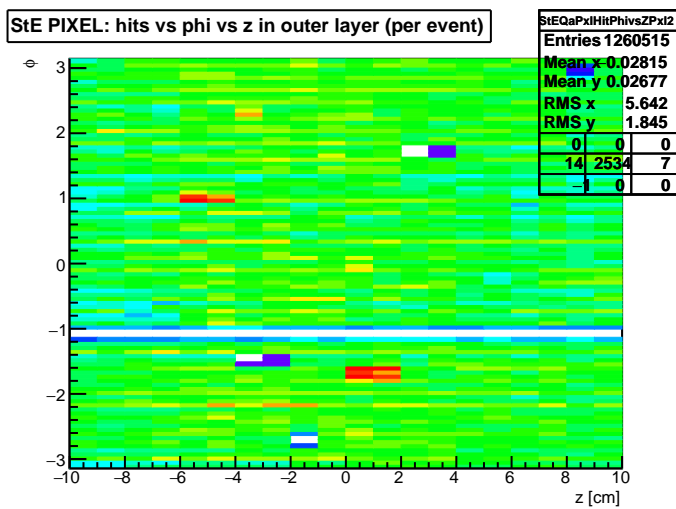
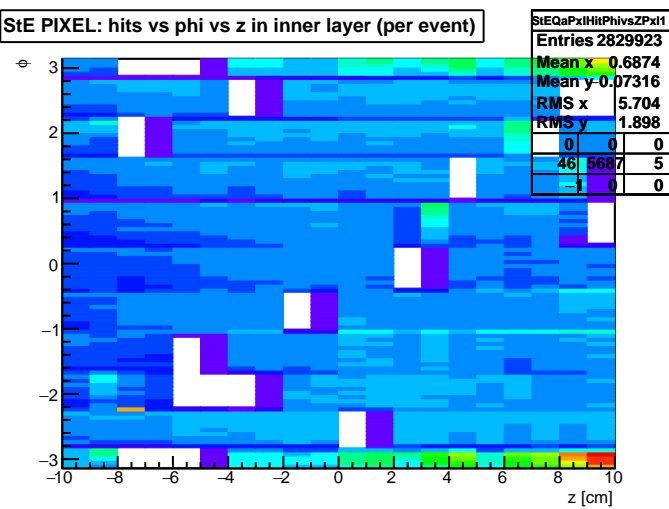
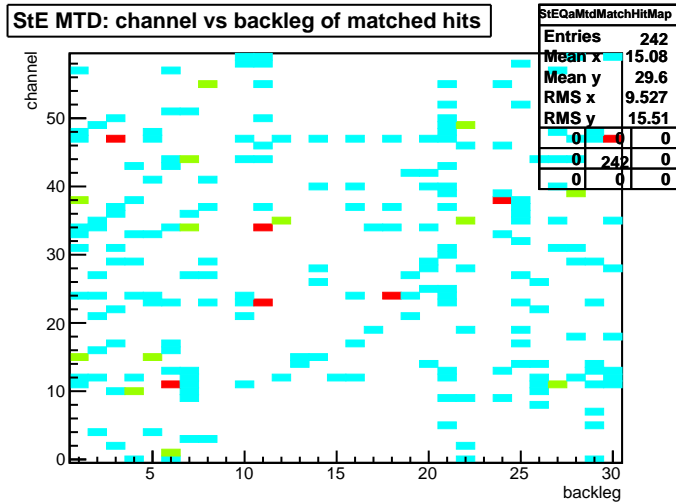
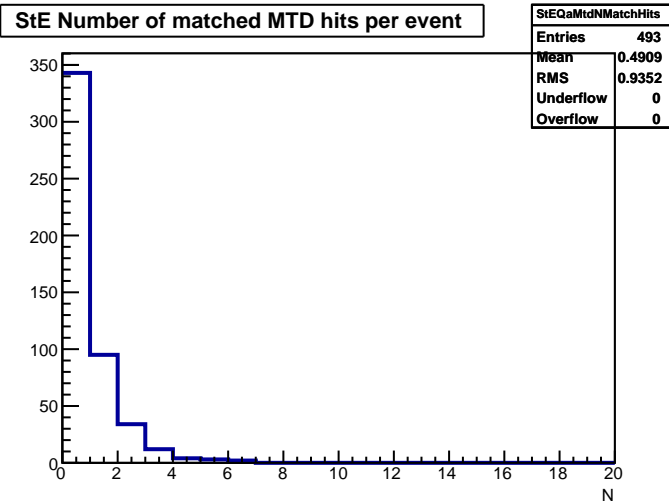
StEQaTofVpdZvsTpcZ
Entries 493
Mean x -1.284
Mean y 0.08985
RMS x 7.208
RMS y 0.03633
0 0 0
1 470 1
1 20 0



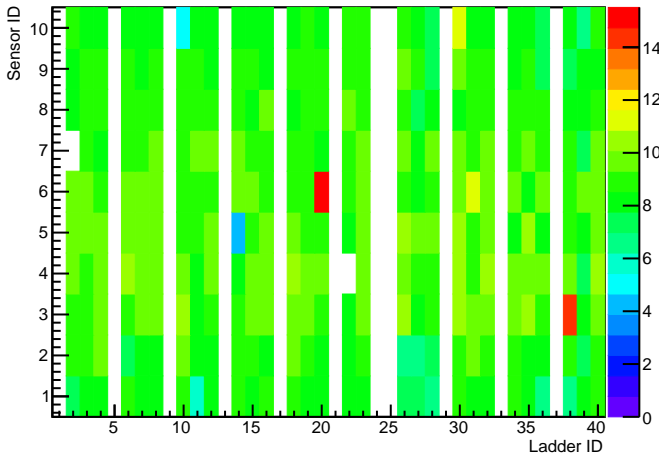
StE Number of MTD hits per event

StEQaMtdNHits
Entries 493
Mean 1.456
RMS 1.848
Underflow 0
Overflow 0

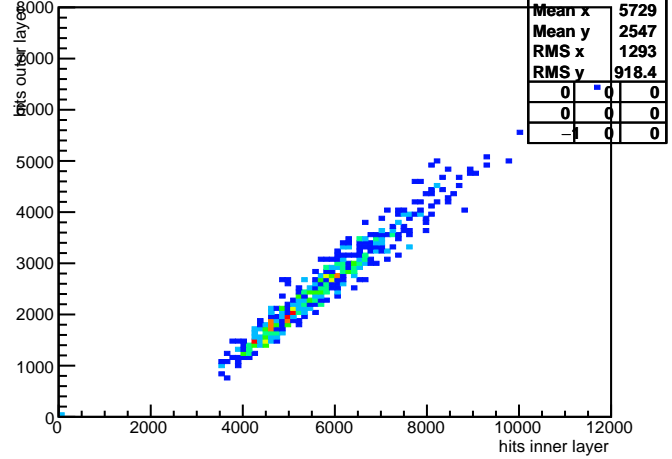




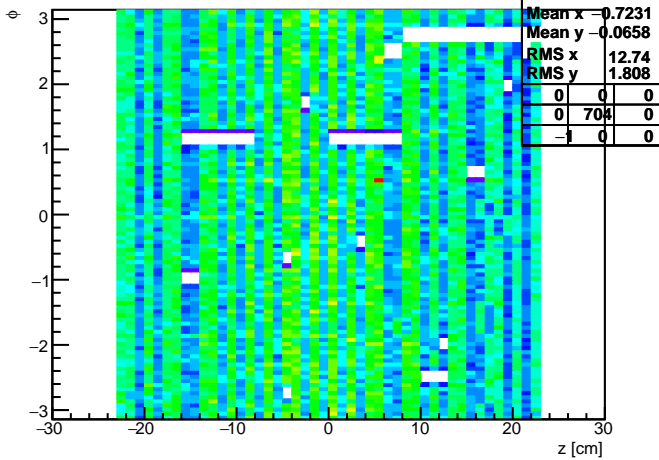
StE PIXEL: hits vs ladder vs sensor in outer layer (per event)



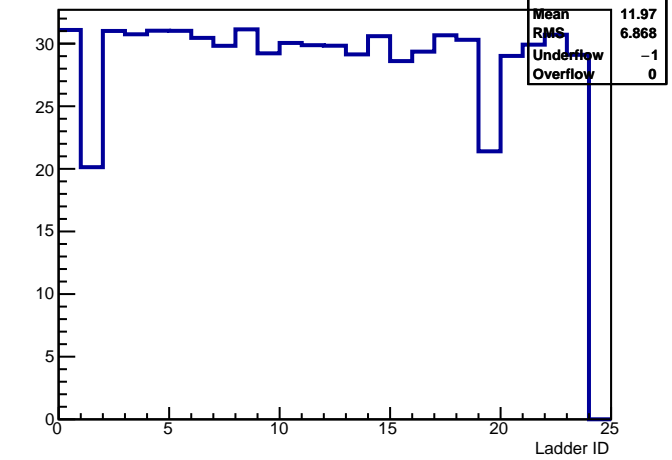
StE PIXEL: Hits in inner vs outer layer (per event)



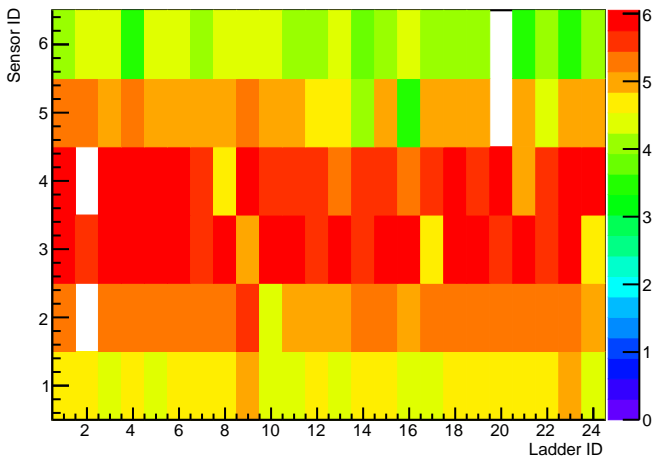
StE IST: Hits vs phi vs z (per event)



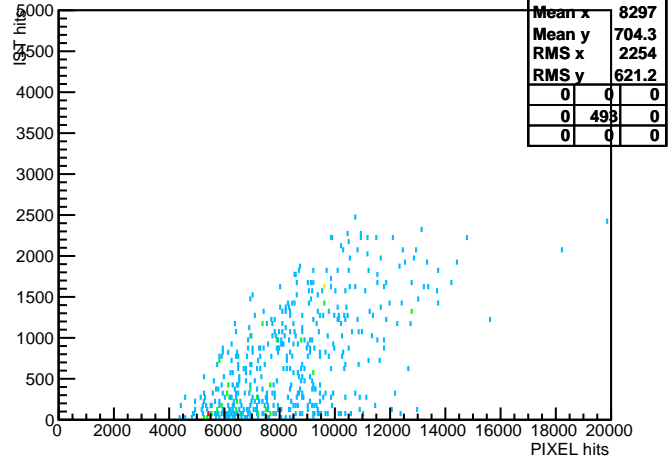
StE IST: Hits per ladder (per event)



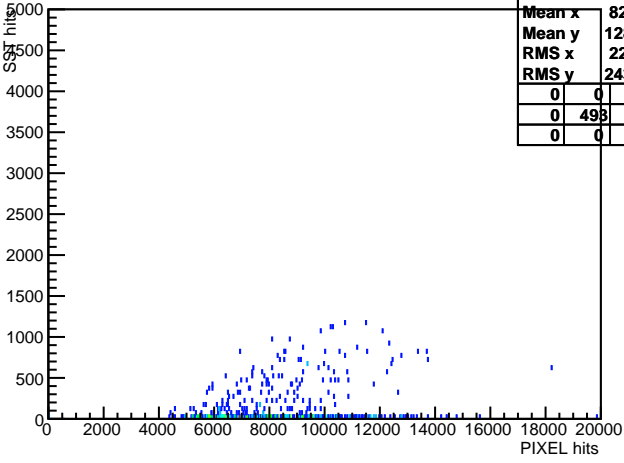
StE IST: Hits vs ladder vs sensor (per event)



StE PIXEL hits vs IST hits

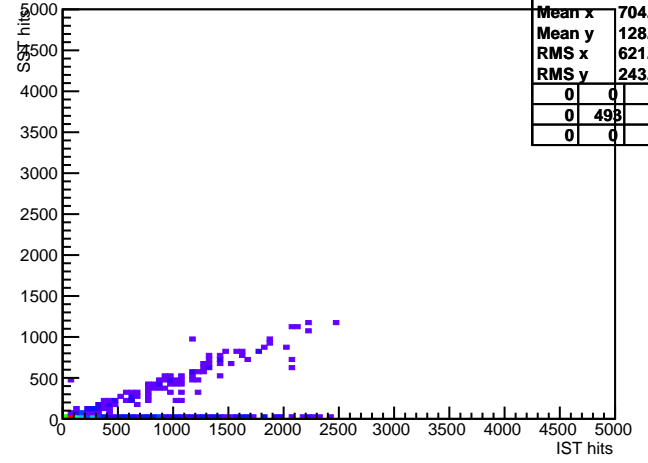


StE PIXEL hits vs SST hits



StEQaPxlvvsSstHit		
Entries	493	
Mean x	8297	
Mean y	128.8	
RMS x	2254	
RMS y	243.9	
0	0	0
0	493	0
0	0	0

StE IST hits vs SST hits



StEQalstvsSsdHit		
Entries	493	
Mean x	704.3	
Mean y	128.8	
RMS x	621.2	
RMS y	243.9	
0	0	0
0	493	0
0	0	0