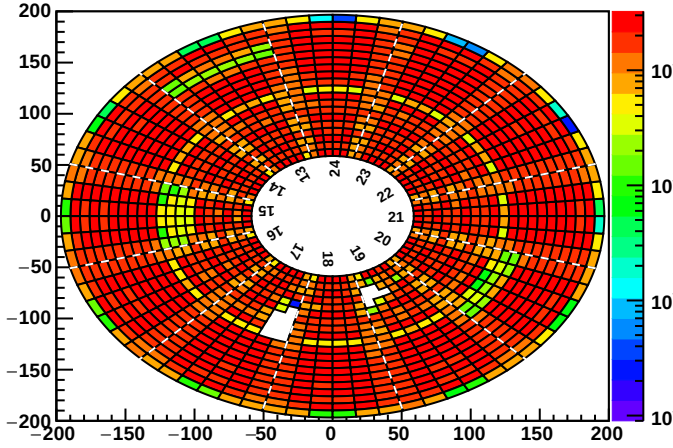
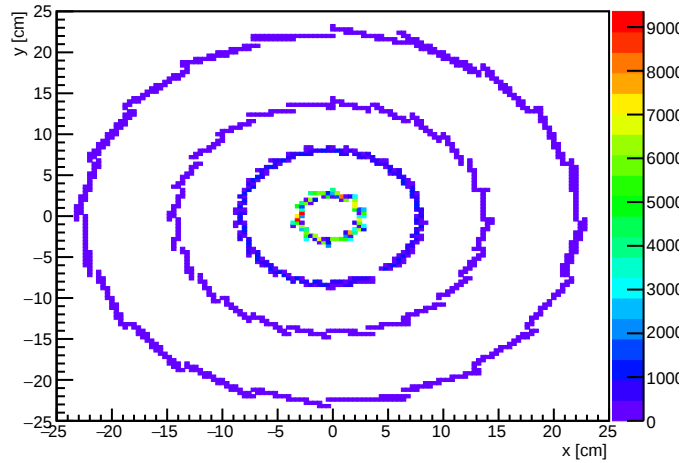


StE point: r-phi distribution of charge, tpcE

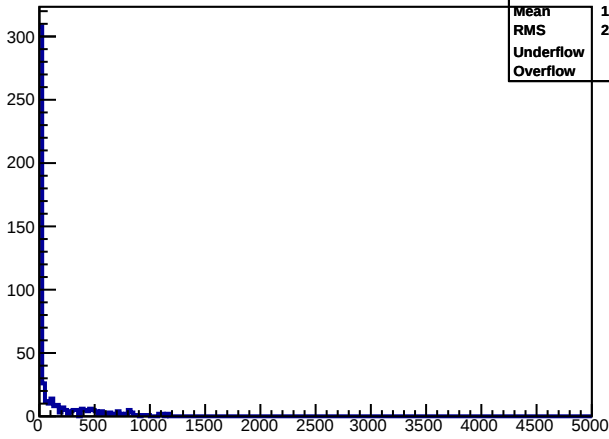


PIXEL, IST, SSD: Distribution of hits in XY

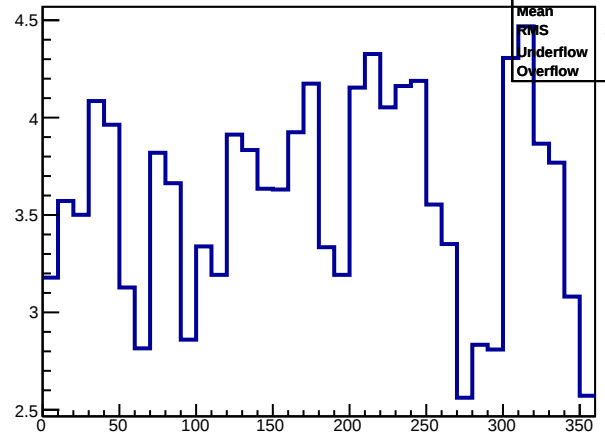


StE point: # hits sst

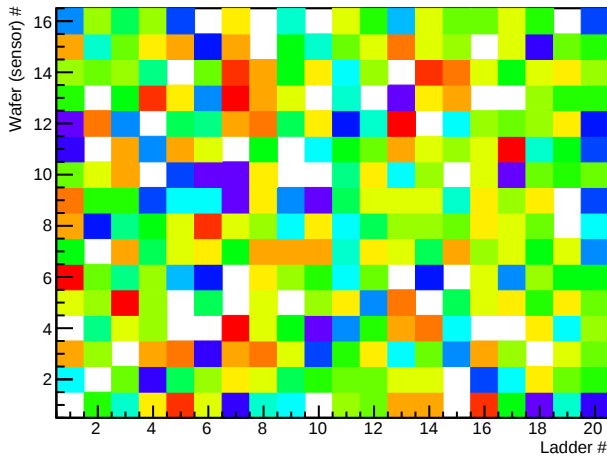
StEQaPointSst	
Entries	493
Mean	128.8
RMS	243.9
Underflow	0
Overflow	0

StE SST: ϕ of hits (per event)

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

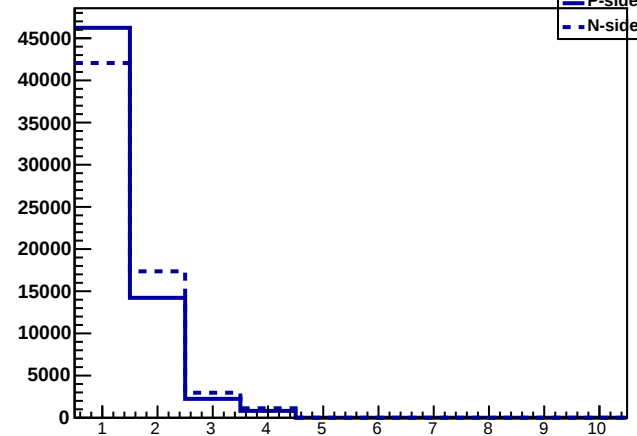


StE SST: wafer id vs ladder id (per event)

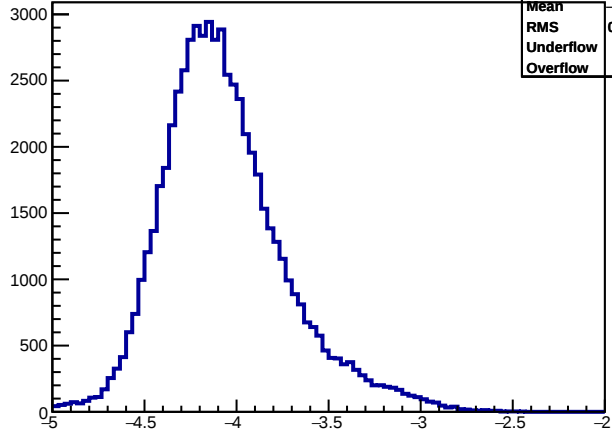


StE SST: size of clusters

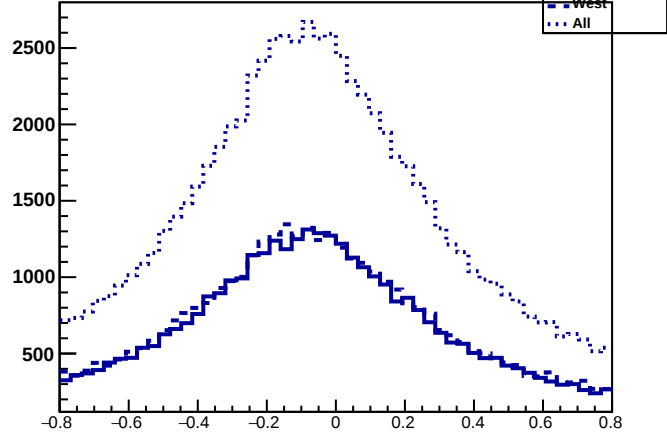
Legend	
—	P-side
- - -	N-side



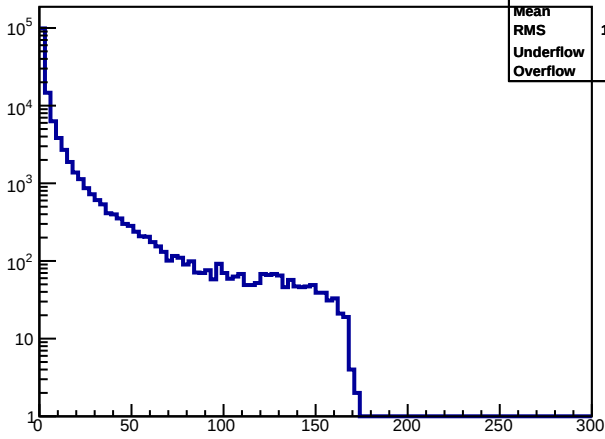
StE SST: log10(energy) of hits



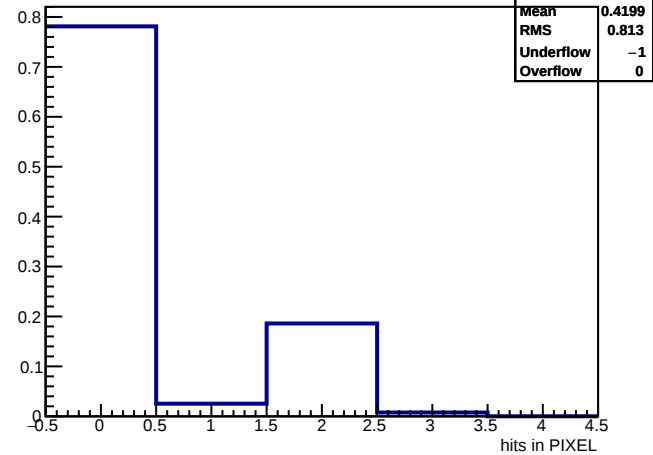
StE globtrk: signed impact param from prim vtx, tpc



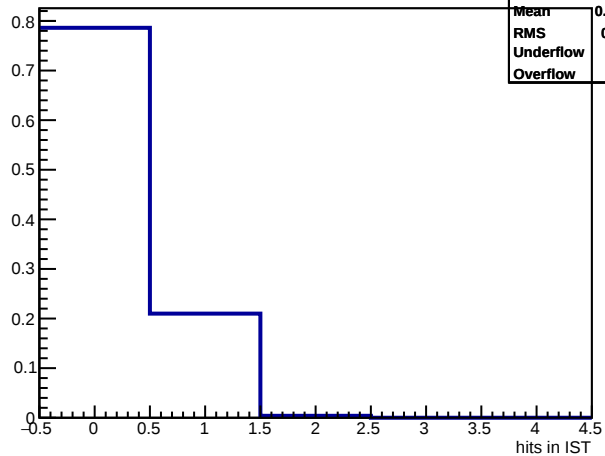
StE globtrk: impact param from prim vtx, tpc



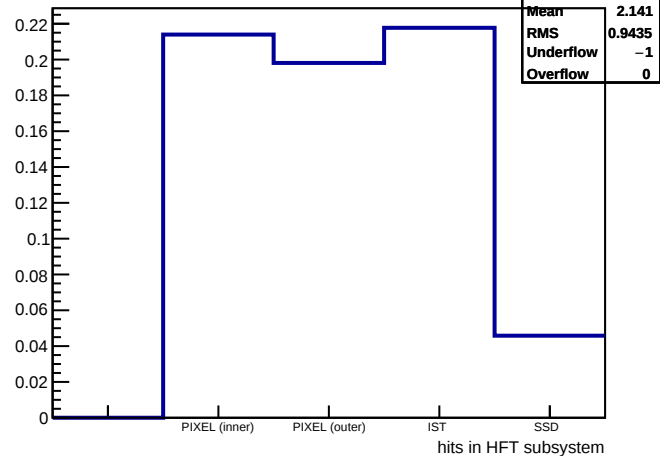
StE PIXEL: Hits per global track



StE IST: Hits per global track

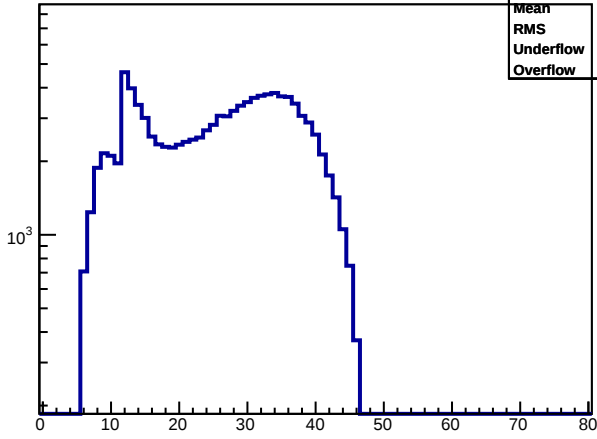


StE HFT: Hits per global track



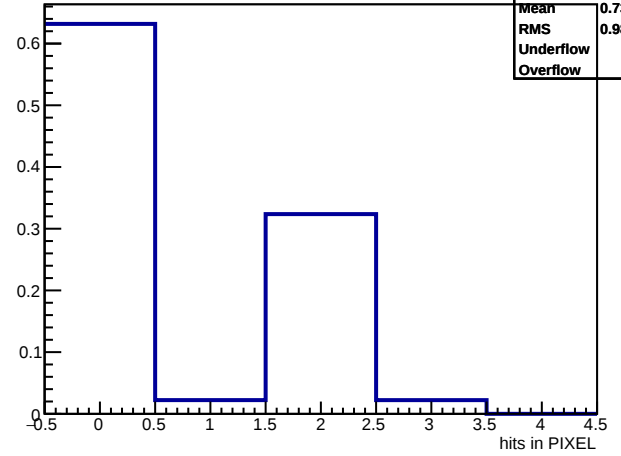
StE primtrk: N fit pnts on trk, tpc

StEQaPtrkNPntFitT	
Entries	107601
Mean	25.81
RMS	10.41
Underflow	0
Overflow	0



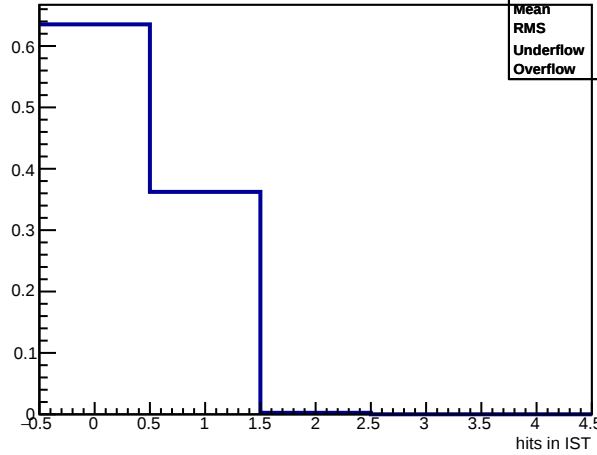
StE PIXEL: Hits per primary track

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



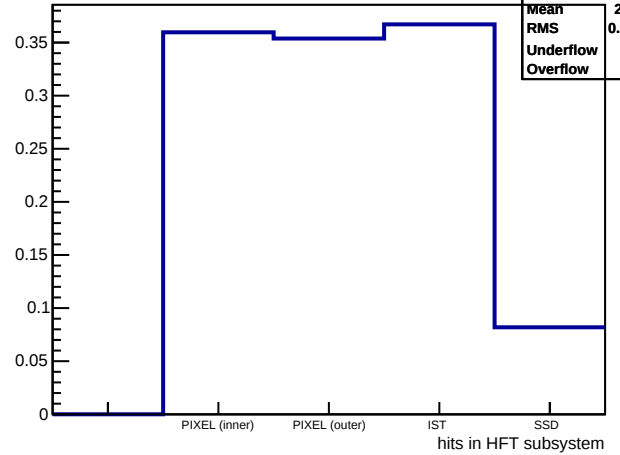
StE IST: Hits per primary track

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



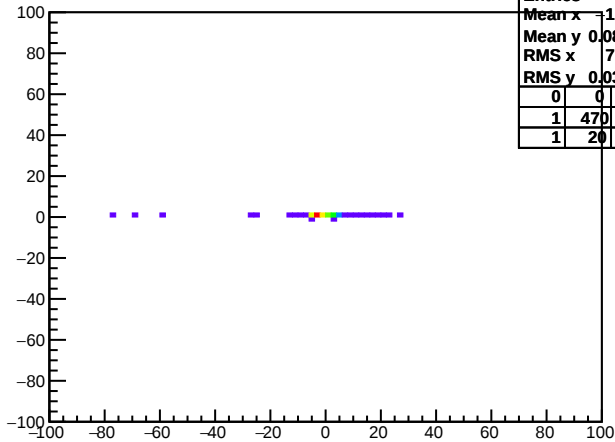
StE HFT: Hits per primary track

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



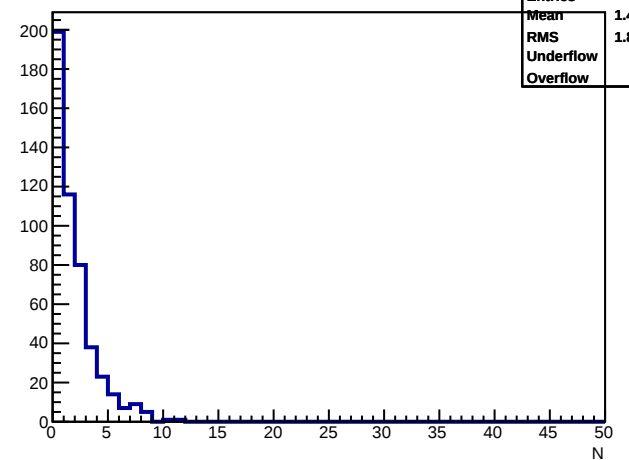
StE VPD vtxz vs TPC vtxz

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

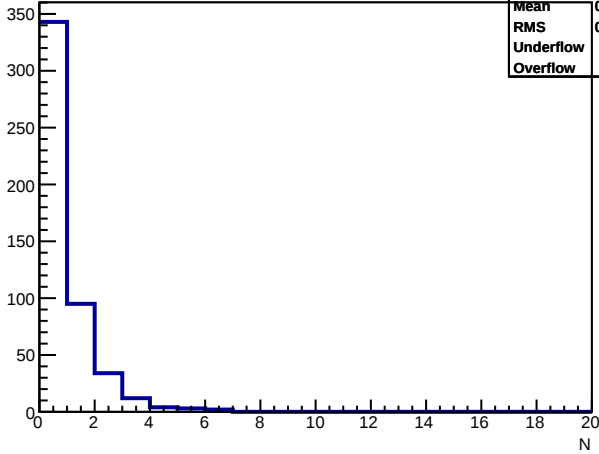


StE Number of MTD hits per event

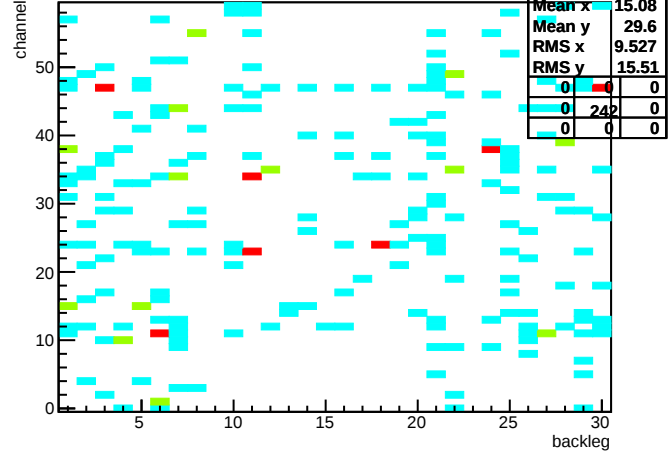
StEQaMtdNHits	
Entries	493
Mean	1.456
RMS	1.848
Underflow	0
Overflow	0



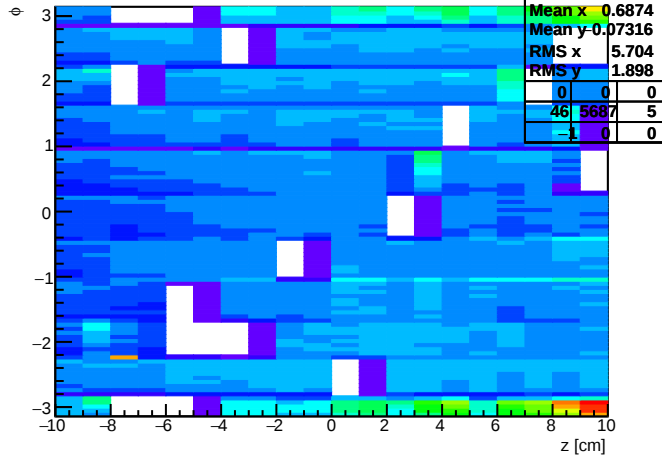
StE Number of matched MTD hits per event



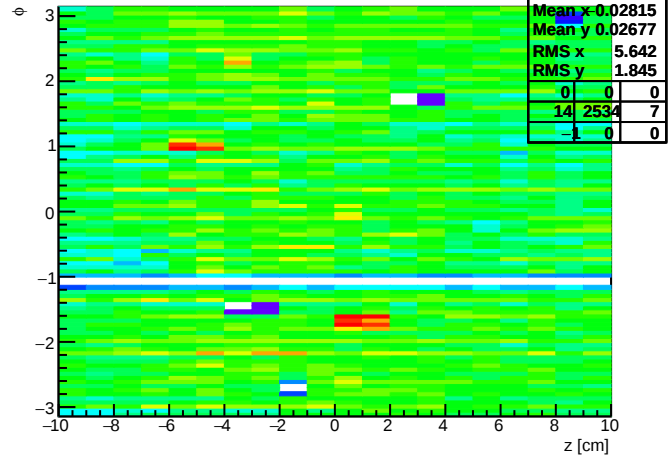
StE MTD: channel vs backlog of matched hits



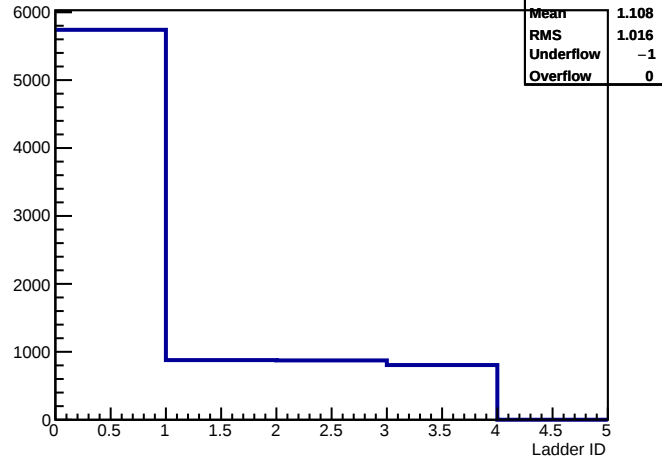
StE PIXEL: hits vs phi vs z in inner layer (per event)



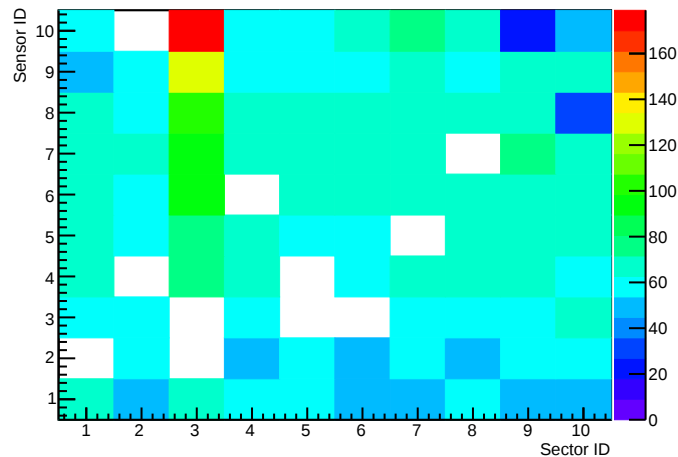
StE PIXEL: hits vs phi vs z in outer layer (per event)



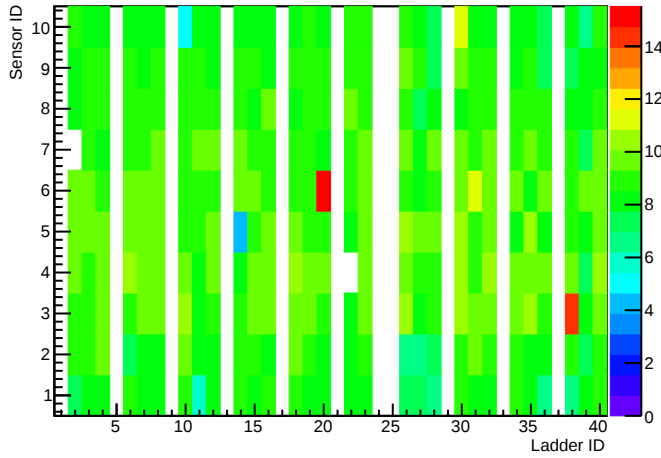
StE PIXEL: hits per ladder (per event)



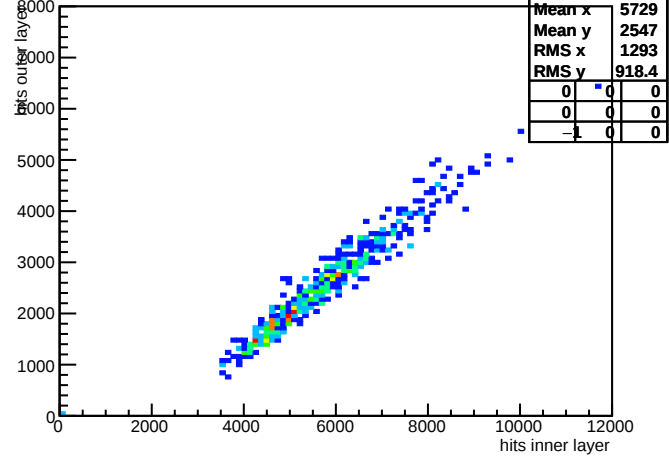
StE PIXEL: hits vs sector vs sensor in inner layer (per event)



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

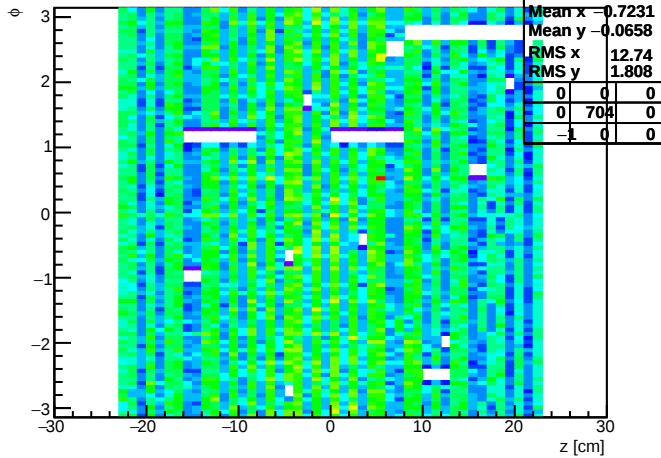


StE PIXEL: Hits in inner vs outer layer (per event)



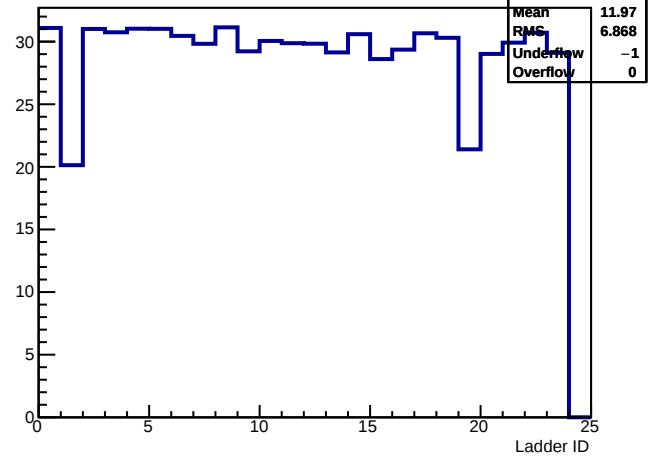
StEQaPxHitLayer1vsLayer2			
Entries	493		
Mean x	5729		
Mean y	2547		
RMS x	1293		
RMS y	918.4		
0	0	0	0
0	0	0	0
-1	0	0	0

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



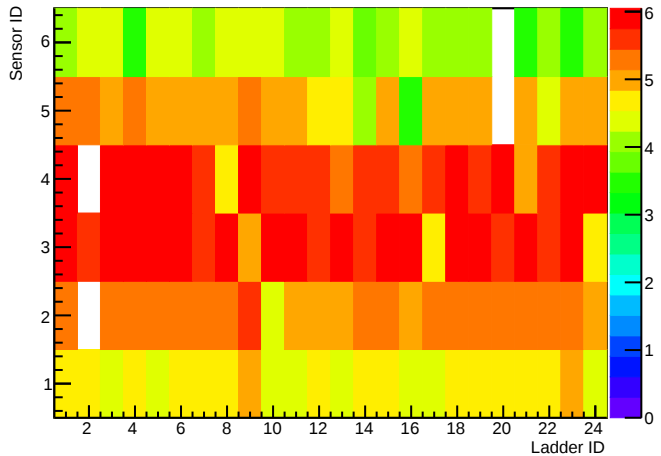
StEQalstHitPhivsZ			
Entries	347213		
Mean x	-0.7231		
Mean y	-0.0658		
RMS x	12.74		
RMS y	1.808		
0	0	0	0
0	704	0	0
-1	0	0	0

StE IST: Hits per ladder (per event)

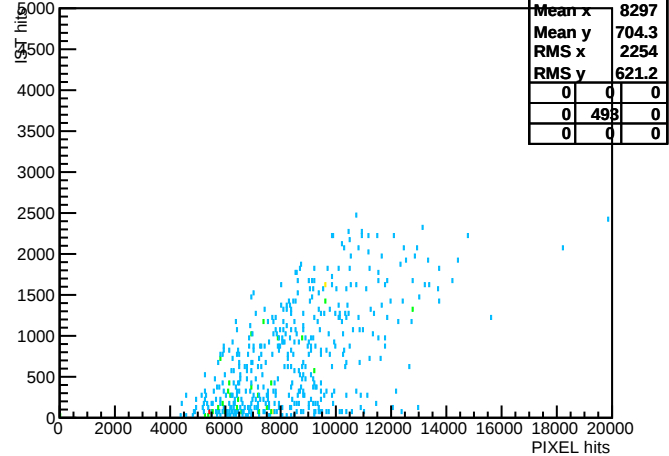


StEQalstHitsvsLadder			
Entries	11832		
Mean	11.97		
RMS	6.868		
Underflow	-1		
Overflow	0		

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

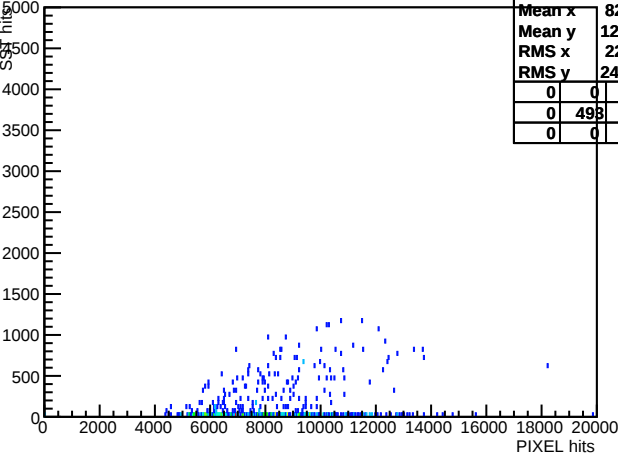


StE PIXEL hits vs IST hits



StEQaPxIstvsIstHit			
Entries	493		
Mean x	8297		
Mean y	704.3		
RMS x	2254		
RMS y	621.2		
0	0	0	0
0	493	0	0
0	0	0	0

StE PIXEL hits vs SST hits



StE IST hits vs SST hits

