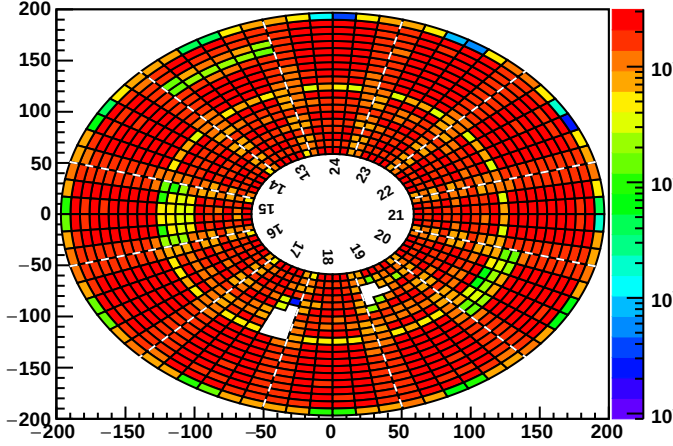
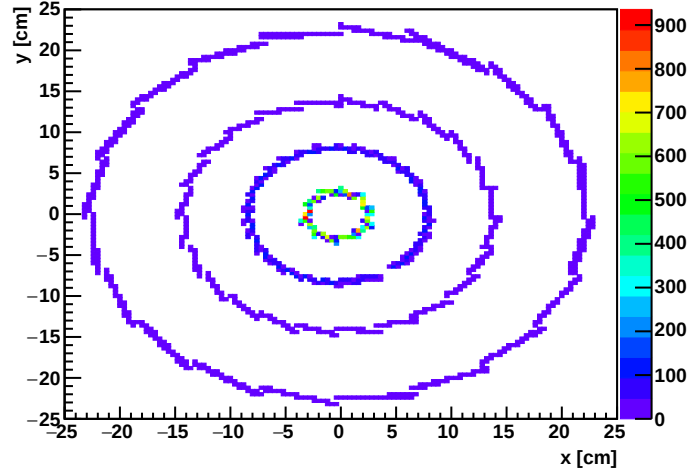


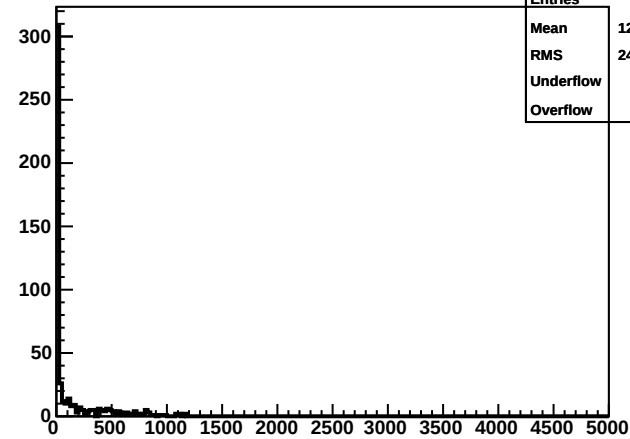
StE point: r-phi distribution of charge, tpcE



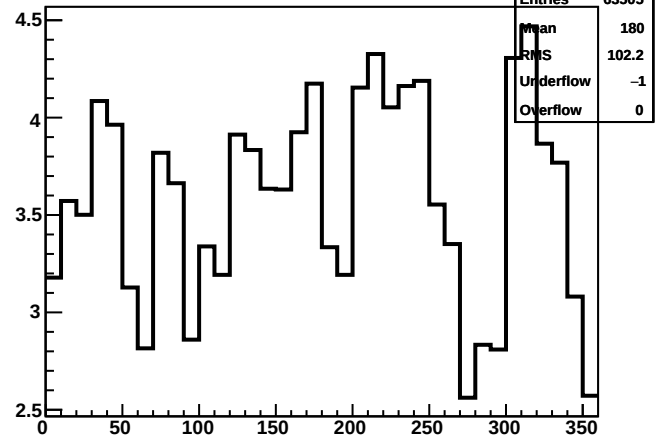
PIXEL, IST, SSD: Distribution of hits in XY



StE point: # hits sst

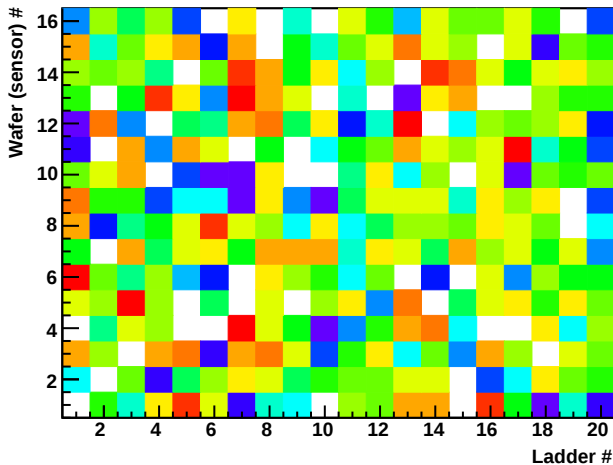


StEQaPointSst	
Entries	493
Mean	128.8
RMS	243.9
Underflow	0
Overflow	0

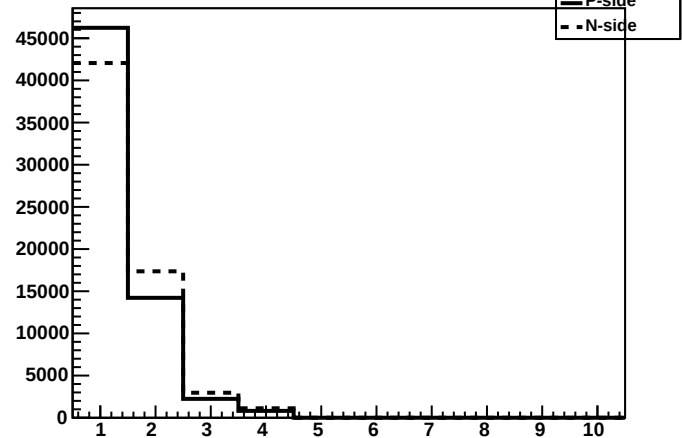
StE SST: ϕ of hits (per event)

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

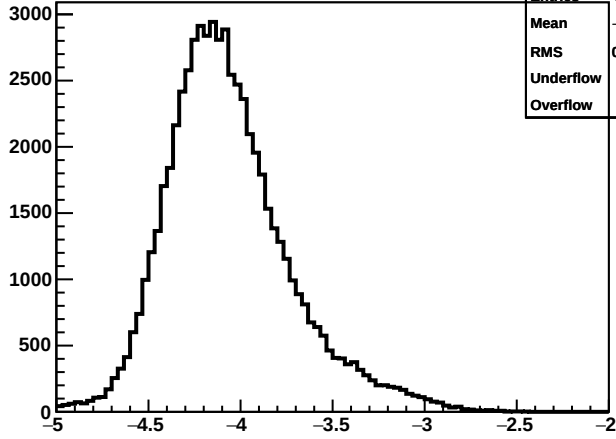
StE SST: wafer id vs ladder id (per event)



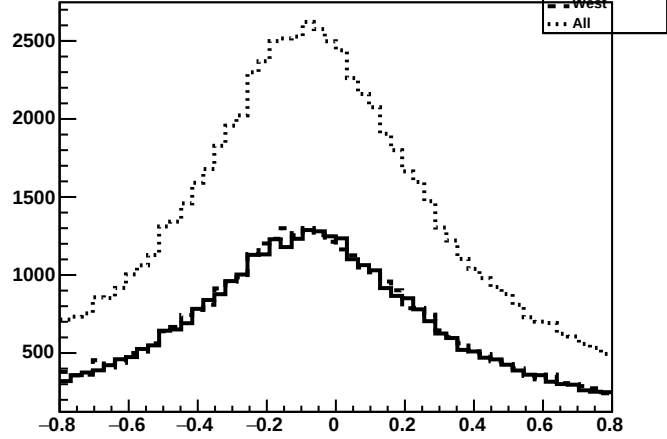
StE SST: size of clusters



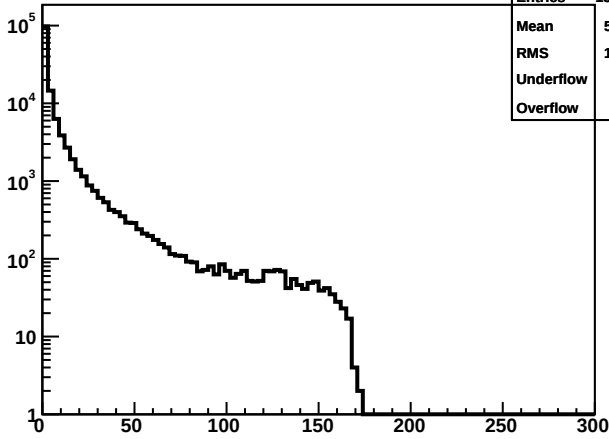
StE SST: log10(energy) of hits



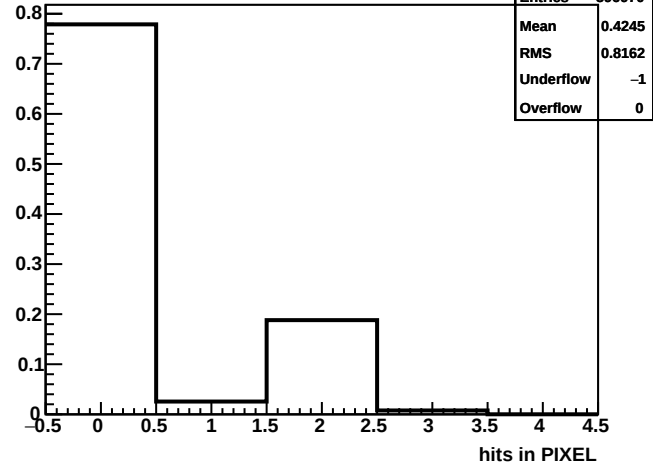
StE globtrk: signed impact param from prim vtx, tpc



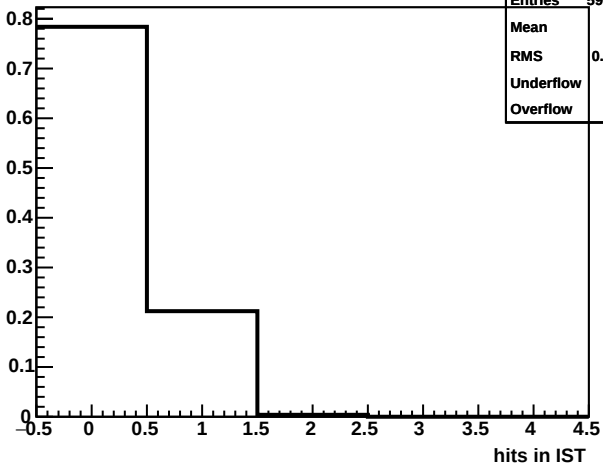
StE globtrk: impact param from prim vtx, tpc



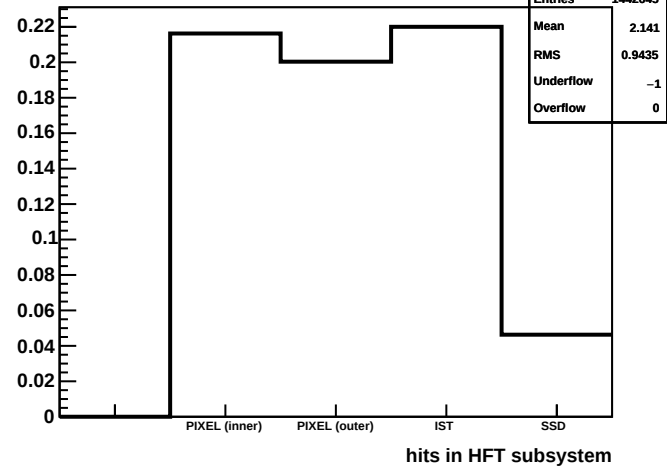
StE PIXEL: Hits per global track



StE IST: Hits per global track

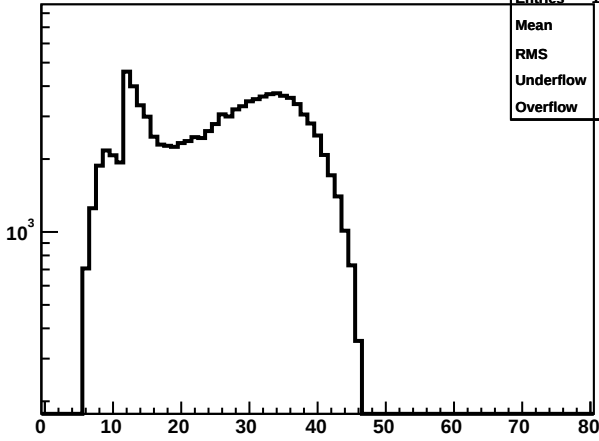


StE HFT: Hits per global track



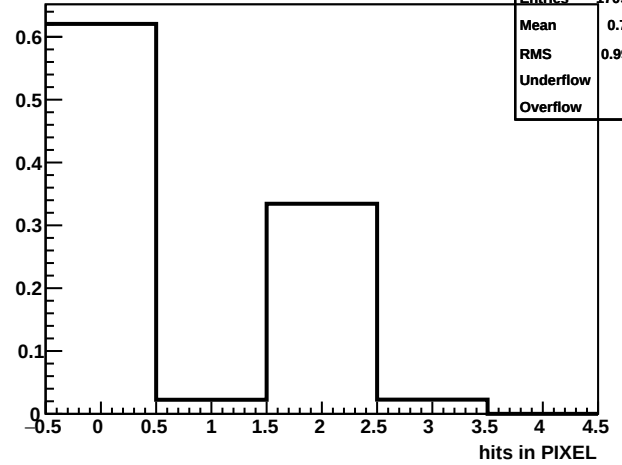
StE primtrk: N fit pnts on trk, tpc

StEQaPtrkNPntFit	
Entries	106088
Mean	25.75
RMS	10.41
Underflow	0
Overflow	0



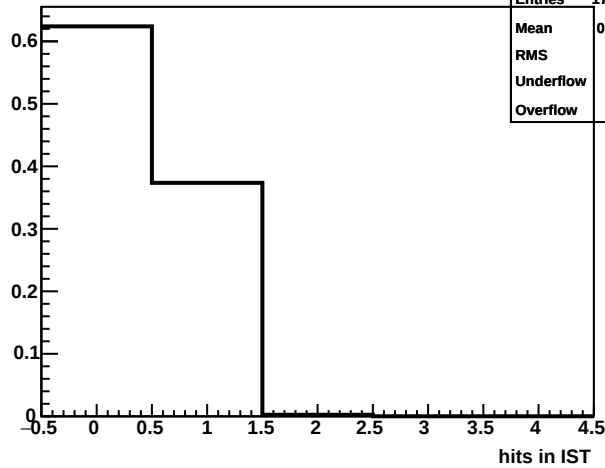
StE PIXEL: Hits per primary track

StEQaPtrkPxHit	
Entries	170963
Mean	0.759
RMS	0.9937
Underflow	-1
Overflow	0



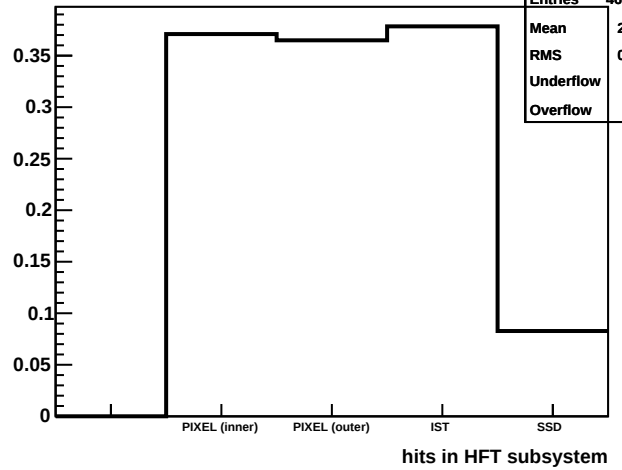
StE IST: Hits per primary track

StEQaPtrkIstHit	
Entries	170963
Mean	0.3784
RMS	0.49
Underflow	-1
Overflow	0



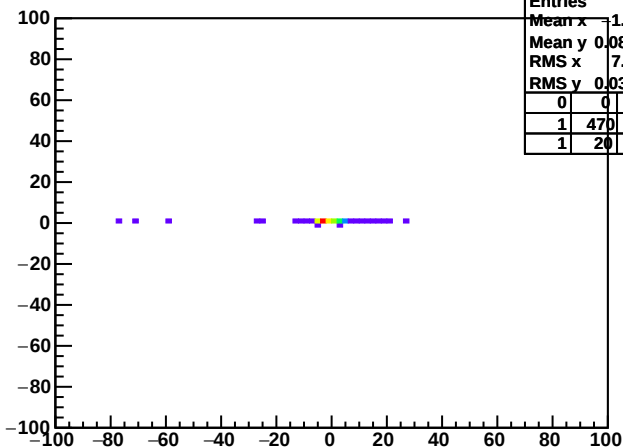
StE HFT: Hits per primary track

StEQaPtrkHftHit	
Entries	467725
Mean	2.145
RMS	0.939
Underflow	-1
Overflow	0



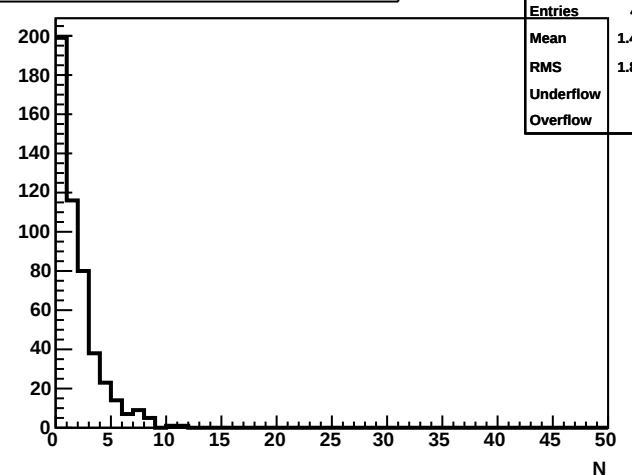
StE VPD vtxz vs TPC vtxz

StEQaToFvpdZvsTpcZ		
Entries	493	
Mean x	1.353	
Mean y	0.08986	
RMS x	7.183	
RMS y	0.03633	
0	0	0
1	470	1
1	20	0

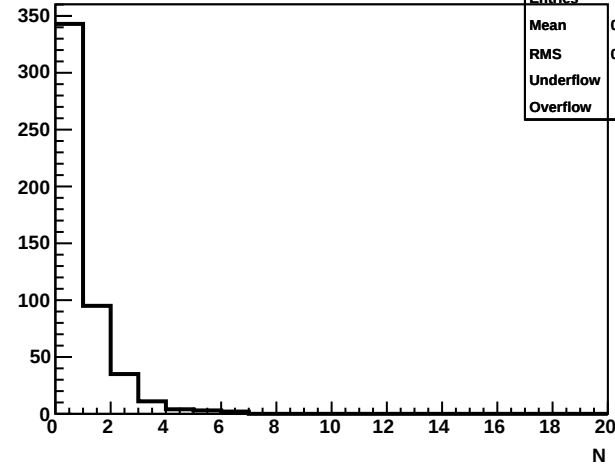


StE Number of MTD hits per event

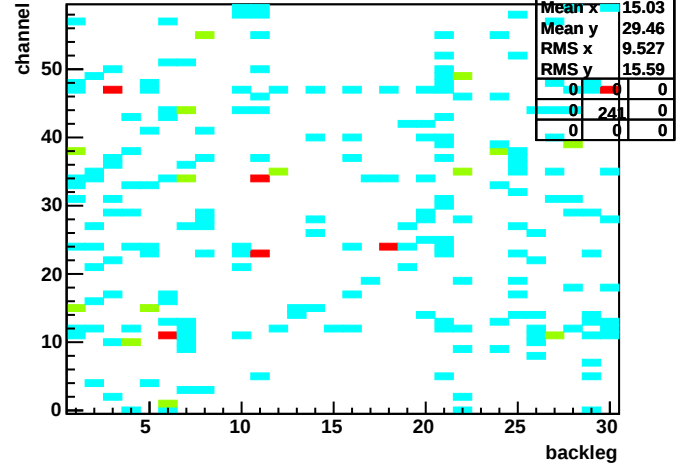
StEQaMtdNHits	
Entries	493
Mean	1.456
RMS	1.848
Underflow	0
Overflow	0



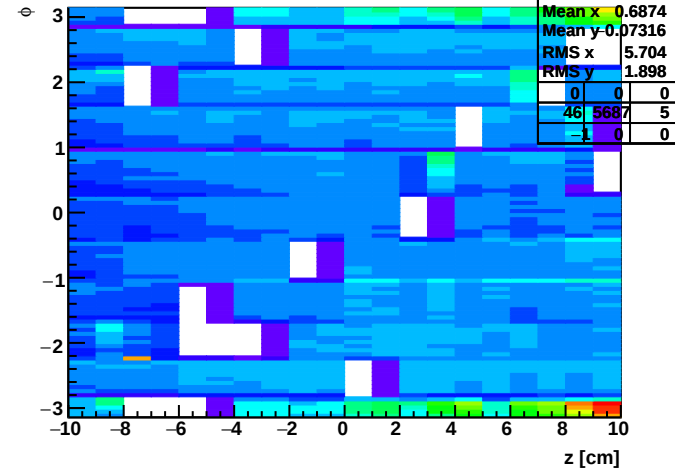
StE Number of matched MTD hits per event



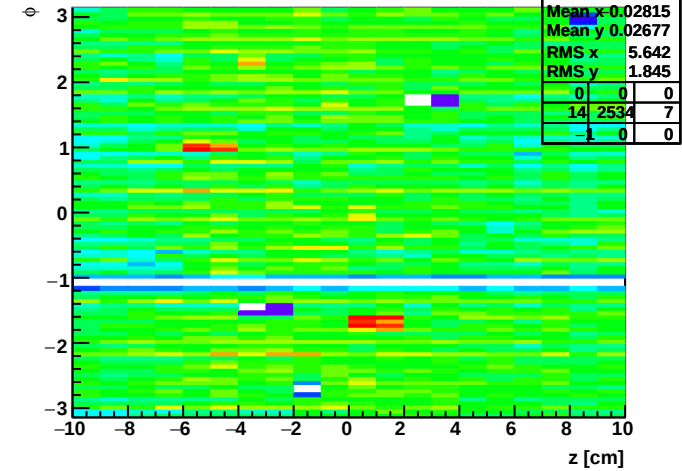
StE MTD: channel vs backlog of matched hits



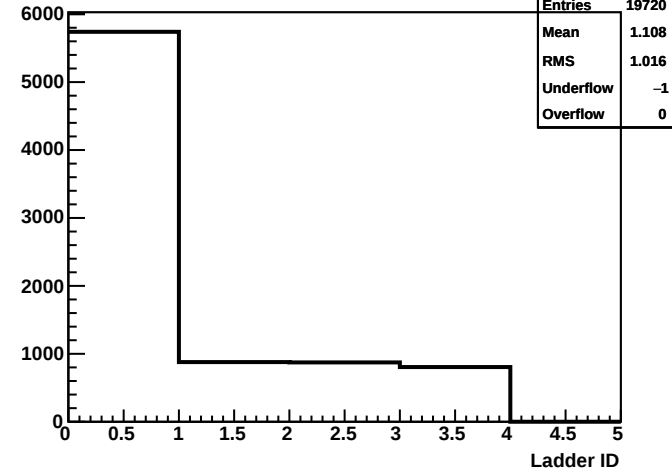
StE PIXEL: hits vs phi vs z in inner layer (per event)



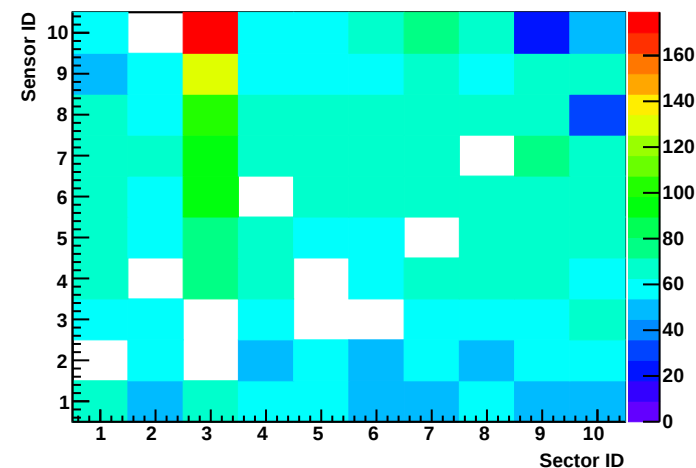
StE PIXEL: hits vs phi vs z in outer layer (per event)



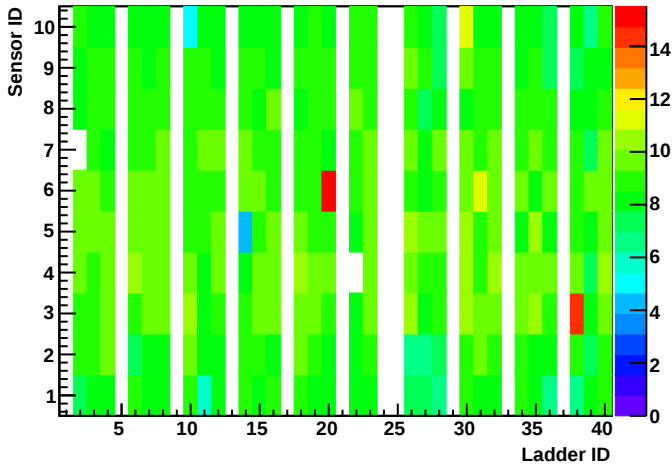
StE PIXEL: hits per ladder (per event)



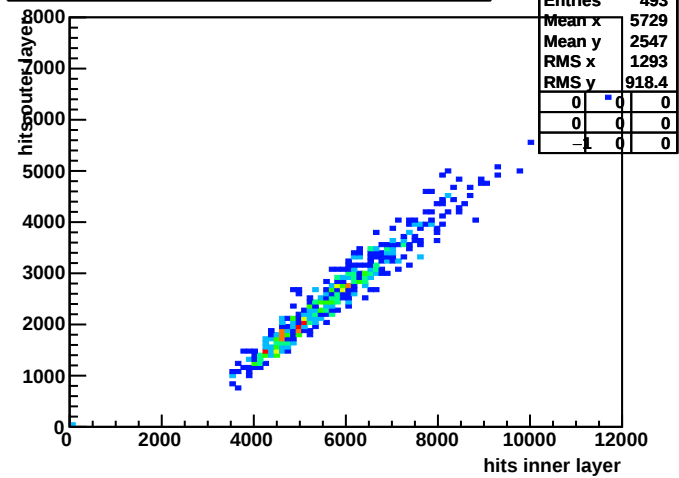
StE PIXEL: hits vs sector vs sensor in inner layer (per event)



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

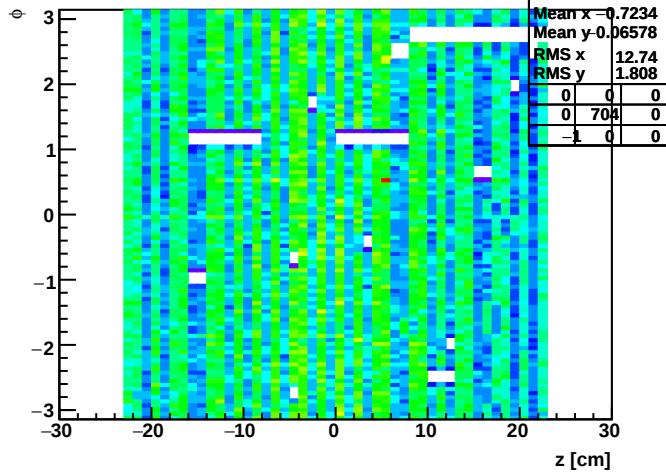


StE PIXEL: Hits in inner vs outer layer (per event)



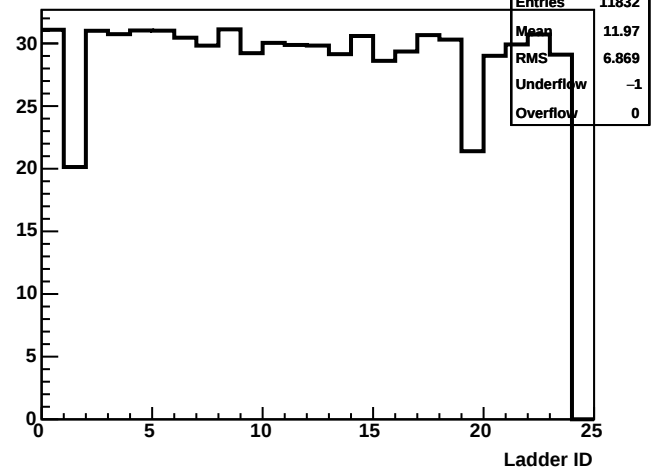
StEQaPxHitLst1vstLst2			
Entries	493		
Mean x	5729		
Mean y	2547		
RMS x	1293		
RMS y	918.4		
0	0	0	0
0	0	0	0
-1	0	0	0

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



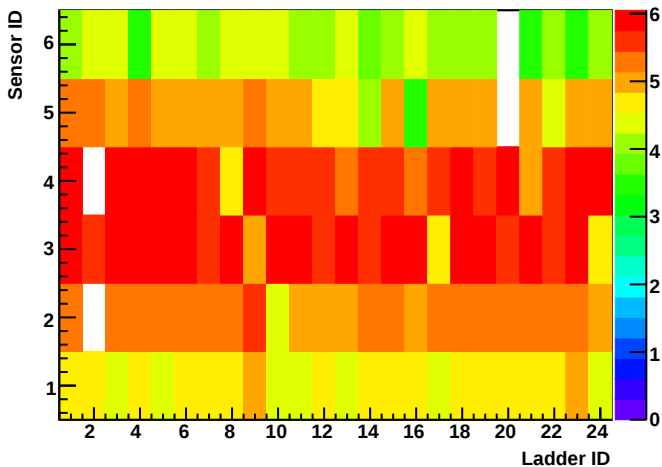
StEQalstHitPhivsZ			
Entries	347191		
Mean x	-0.7234		
Mean y	-0.06578		
RMS x	12.74		
RMS y	1.808		
0	0	0	0
0	704	0	
-1	0	0	

StE IST: Hits per ladder (per event)

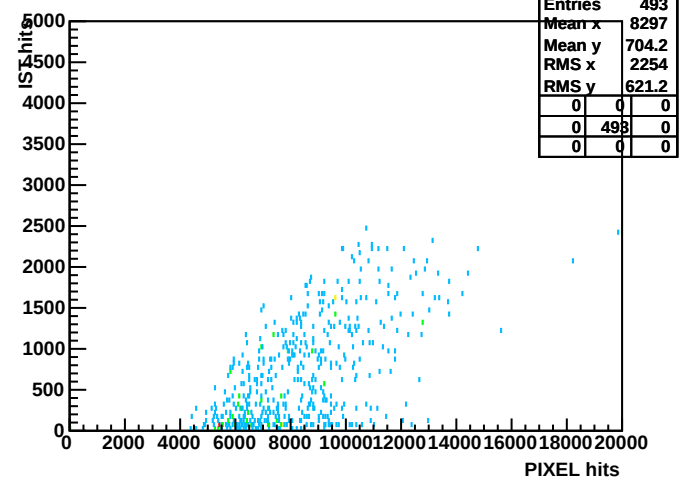


StEQalstHitsvLadder			
Entries	11832		
Mean	11.97		
RMS	6.869		
Underflow	-1		
Overflow	0		

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

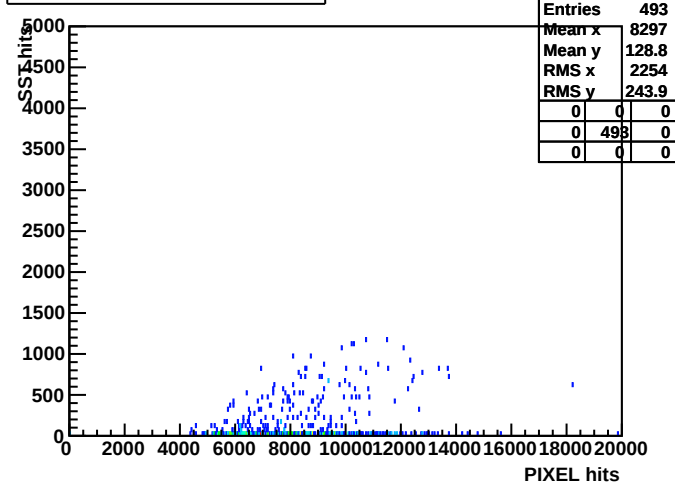


StE PIXEL hits vs IST hits



StEQaPxIvstIstHit			
Entries	493		
Mean x	8297		
Mean y	704.2		
RMS x	2254		
RMS y	621.2		
0	0	0	0
0	493	0	
0	0	0	

StE PIXEL hits vs SST hits



StE IST hits vs SST hits

