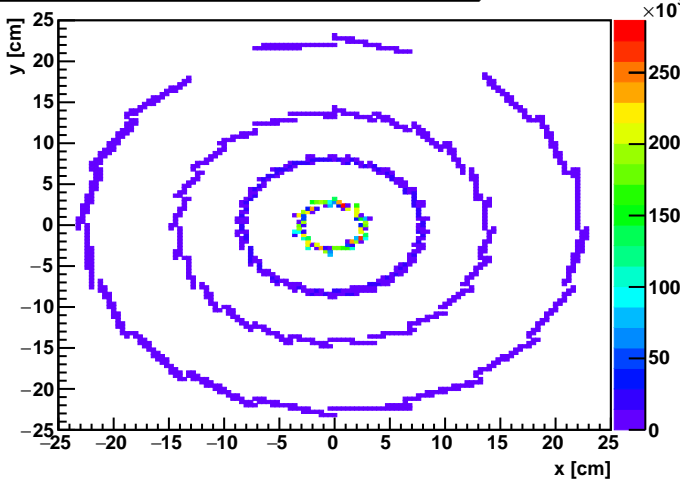
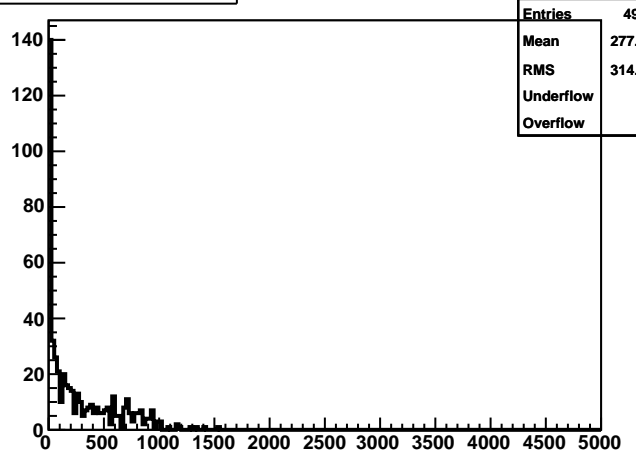


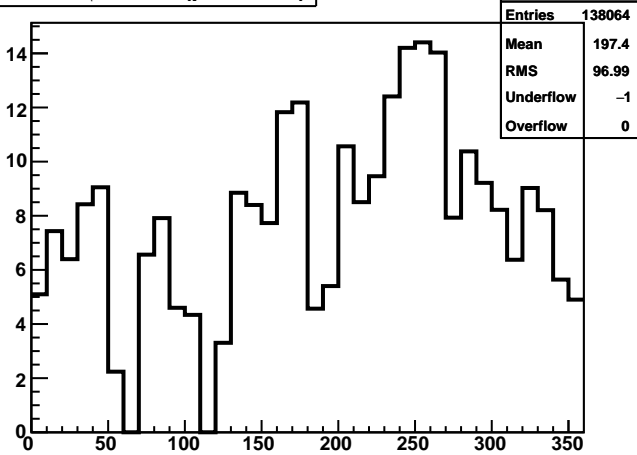
PIXEL, IST, SSD: Distribution of hits in XY



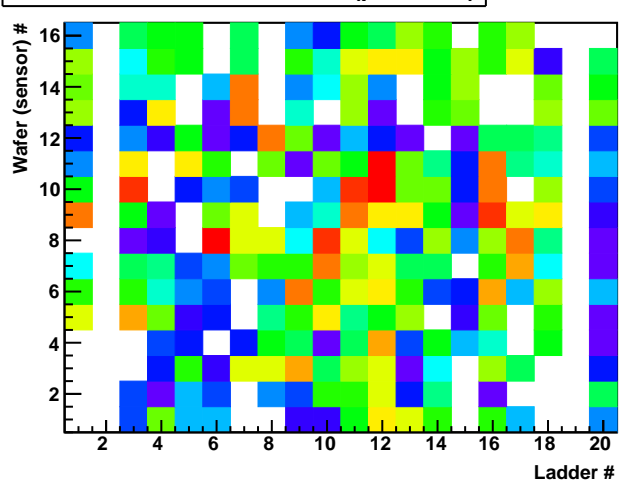
StE point: # hits sst



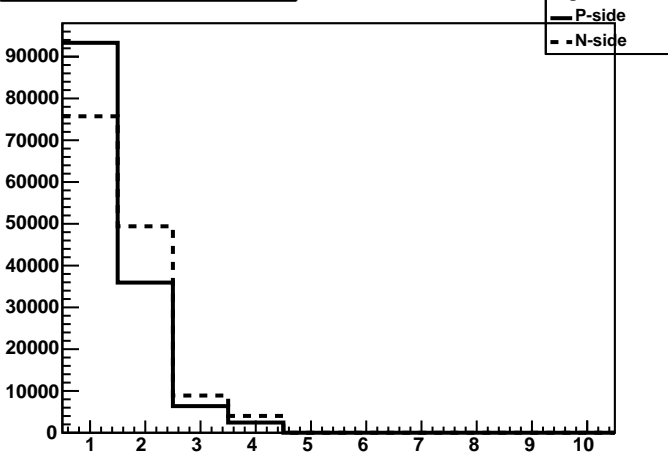
StE SST: ϕ of hits (per event)



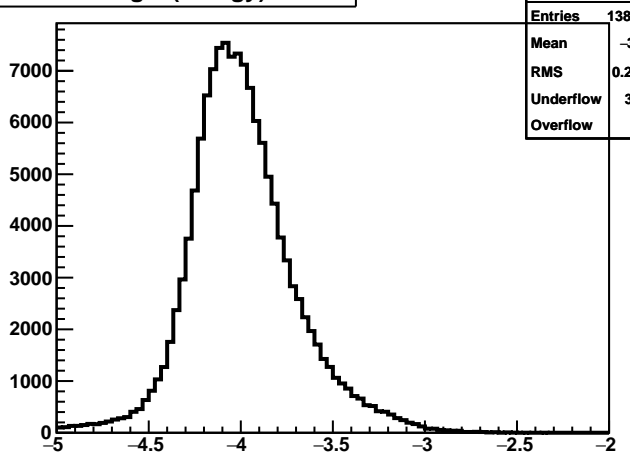
StE SST: wafer id vs ladder id (per event)

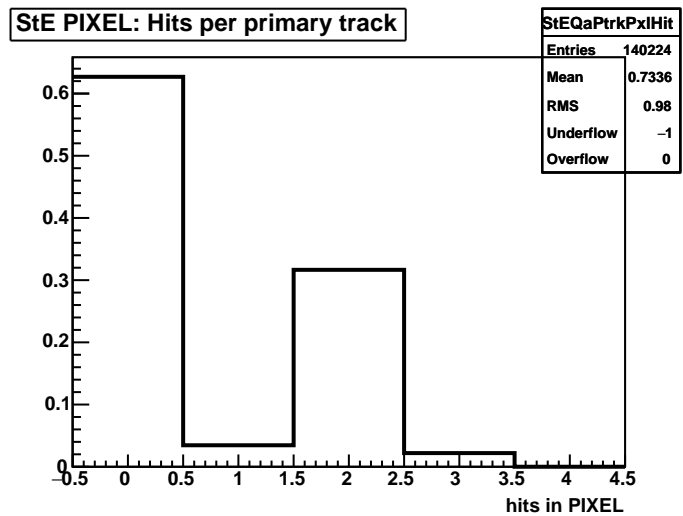
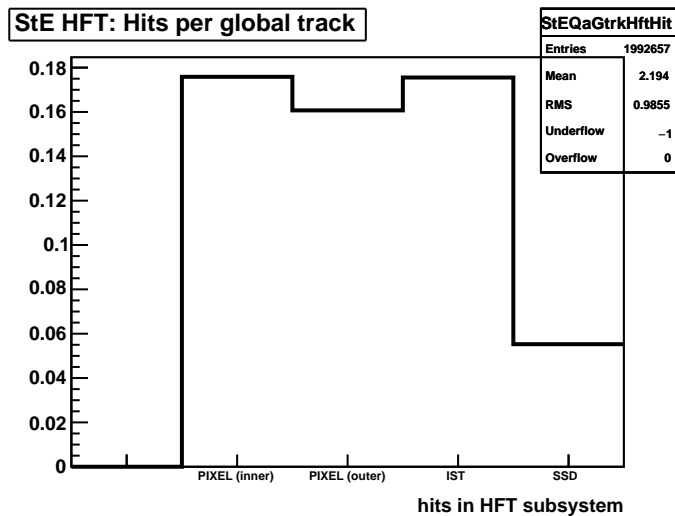
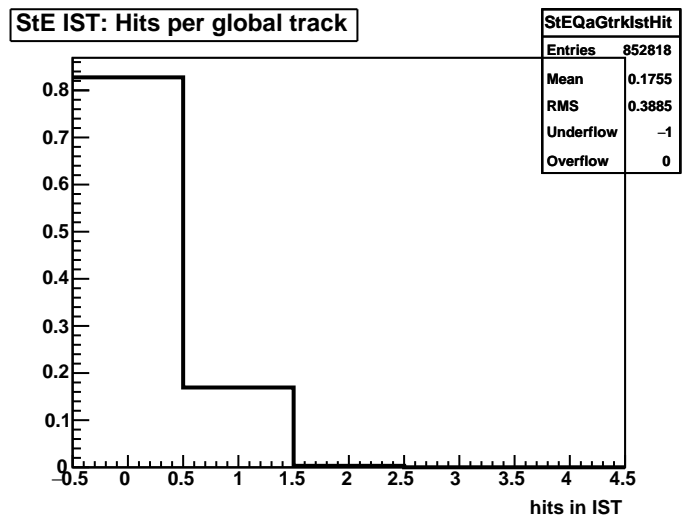
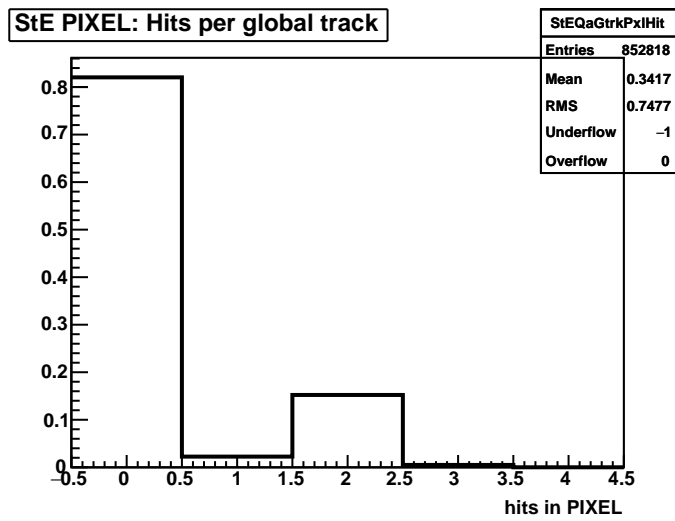
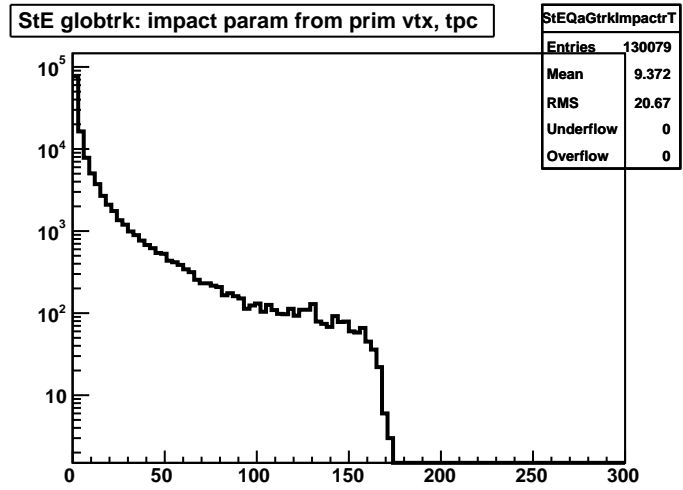
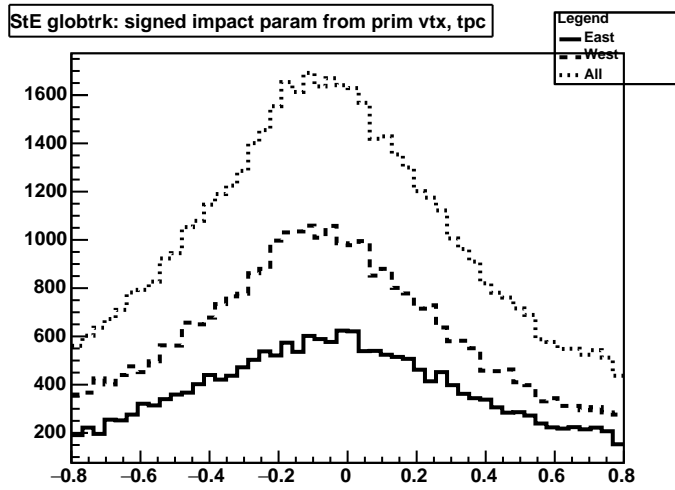


StE SST: size of clusters



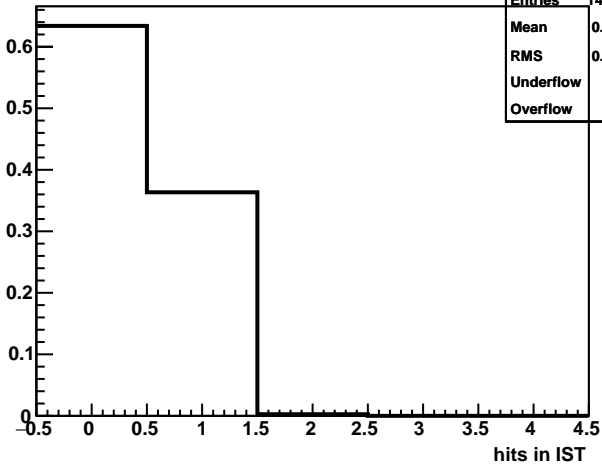
StE SST: log10(energy) of hits





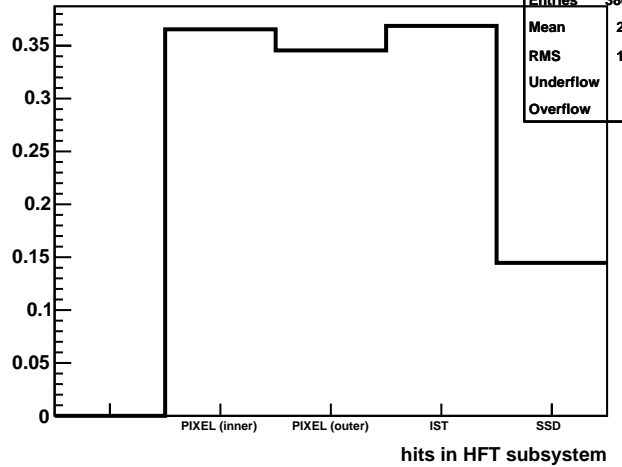
StE IST: Hits per primary track

| StEQaPtrkIstHit | |
|-----------------|--------|
| Entries | 140224 |
| Mean | 0.3687 |
| RMS | 0.4879 |
| Underflow | -1 |
| Overflow | 0 |



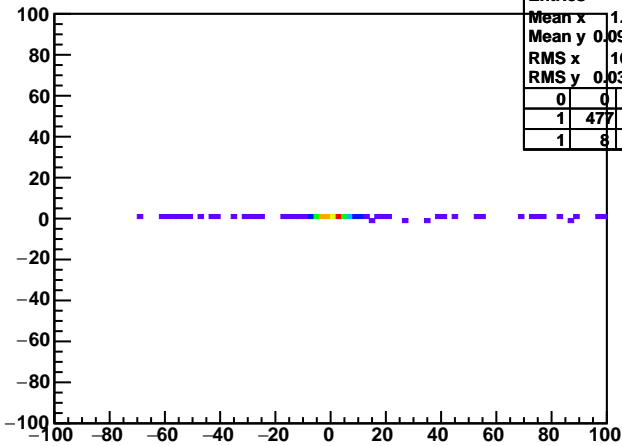
StE HFT: Hits per primary track

| StEQaPtrkHftHit | |
|-----------------|--------|
| Entries | 380146 |
| Mean | 2.239 |
| RMS | 1.008 |
| Underflow | -1 |
| Overflow | 0 |



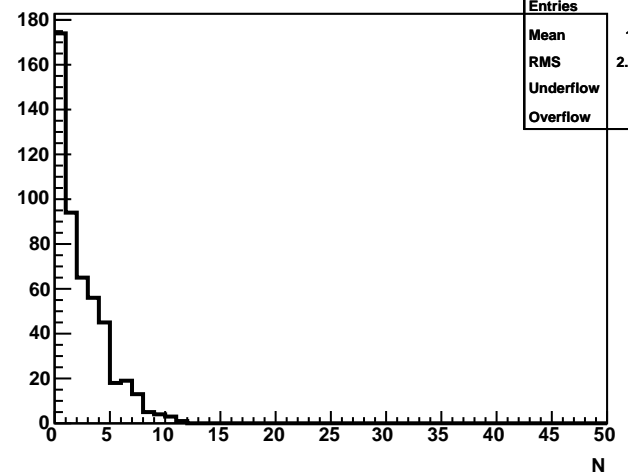
StE VPD vtxz vs TPC vtxz

| StEQaToIvPdZvsTpcZ | | |
|--------------------|---------|-----|
| Entries | 497 | |
| Mean x | 1.294 | |
| Mean y | 0.09716 | |
| RMS x | 16.95 | |
| RMS y | 0.03022 | |
| | 0 | 0 |
| | 1 | 477 |
| | 1 | 8 |



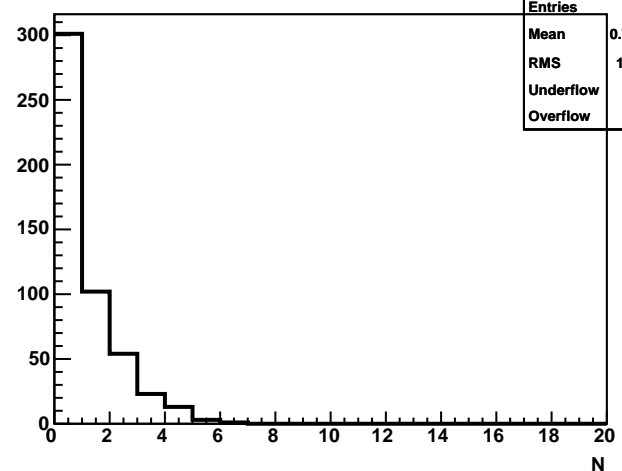
StE Number of MTD hits per event

| StEQaMtdNHits | |
|---------------|-------|
| Entries | 497 |
| Mean | 1.98 |
| RMS | 2.227 |
| Underflow | 0 |
| Overflow | 0 |



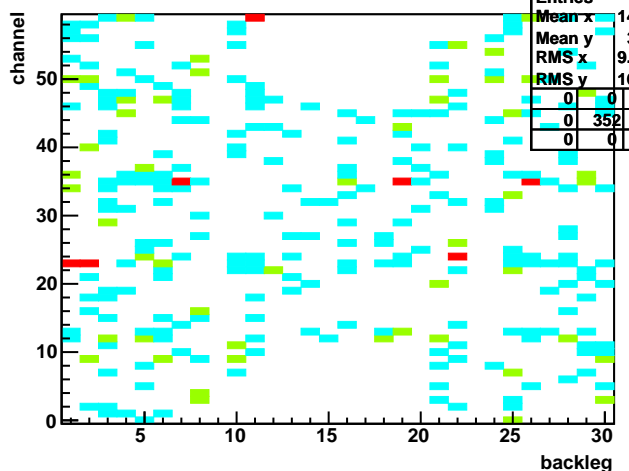
StE Number of matched MTD hits per event

| StEQaMtdNMatchHits | |
|--------------------|--------|
| Entries | 497 |
| Mean | 0.7082 |
| RMS | 1.094 |
| Underflow | 0 |
| Overflow | 0 |

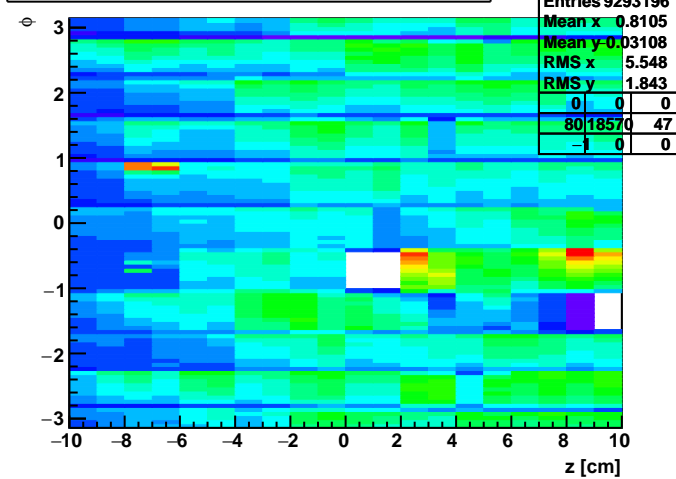


StE MTD: channel vs backlog of matched hits

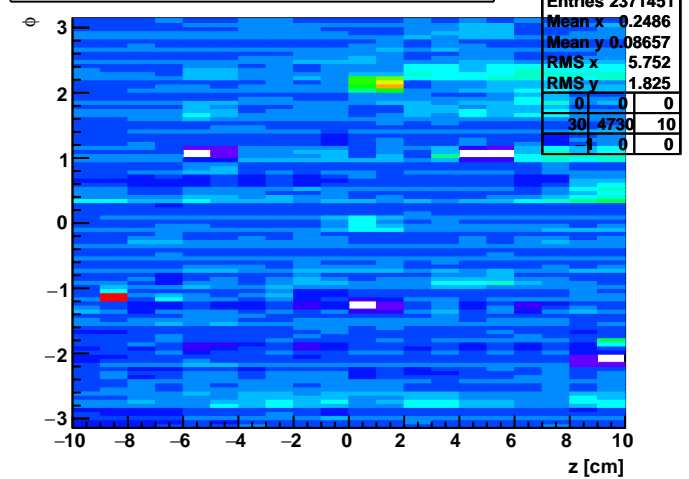
| StEQaMtdMatchHitMap | | |
|---------------------|-------|-----|
| Entries | 352 | |
| Mean x | 14.78 | |
| Mean y | 30.6 | |
| RMS x | 9.608 | |
| RMS y | 16.34 | |
| | 0 | 0 |
| | 0 | 352 |
| | 0 | 0 |



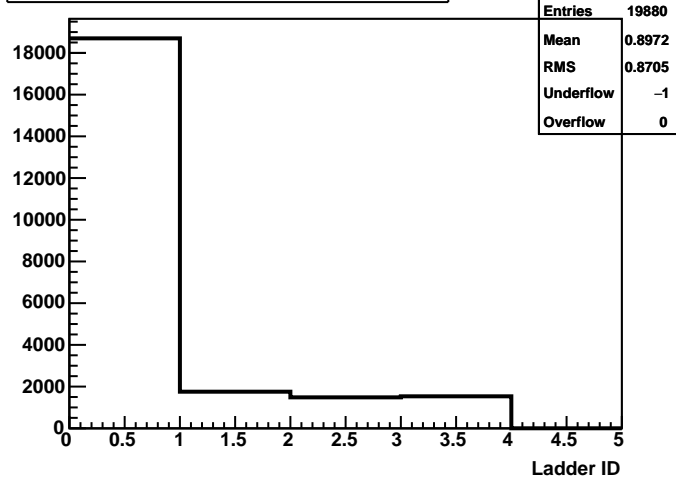
StE PIXEL: hits vs phi vs z in inner layer (per event)



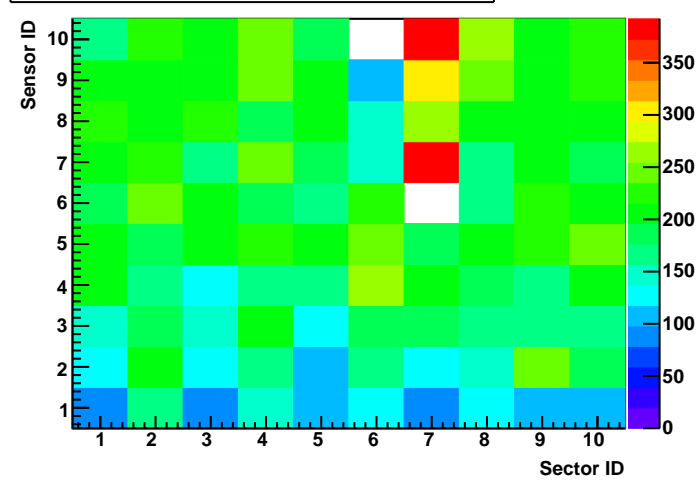
StE PIXEL: hits vs phi vs z in outer layer (per event)



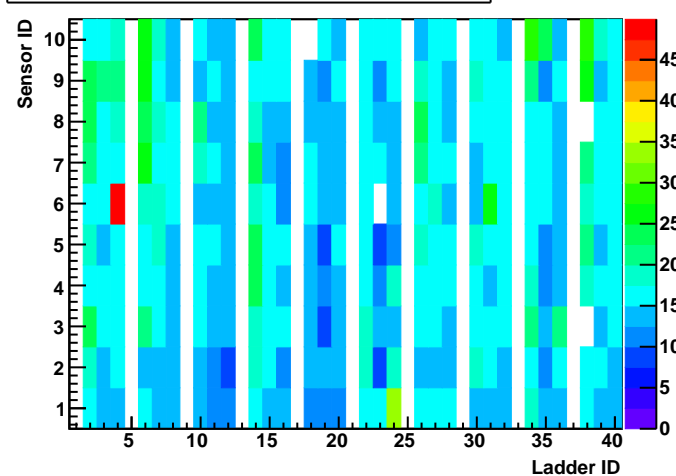
StE PIXEL: hits per ladder (per event)



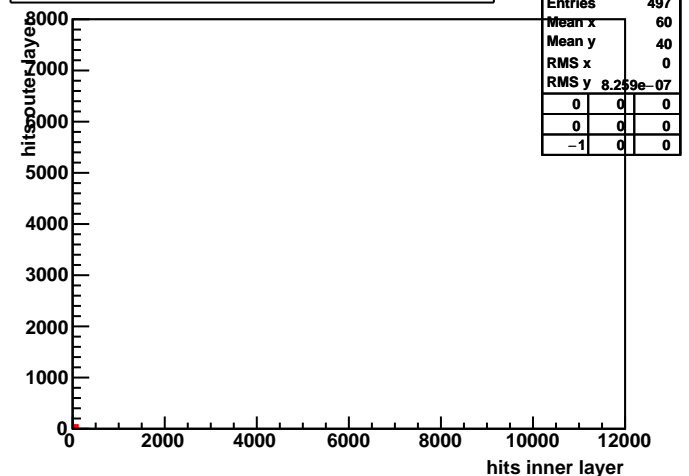
StE PIXEL: hits vs sector vs sensor in inner layer (per event)



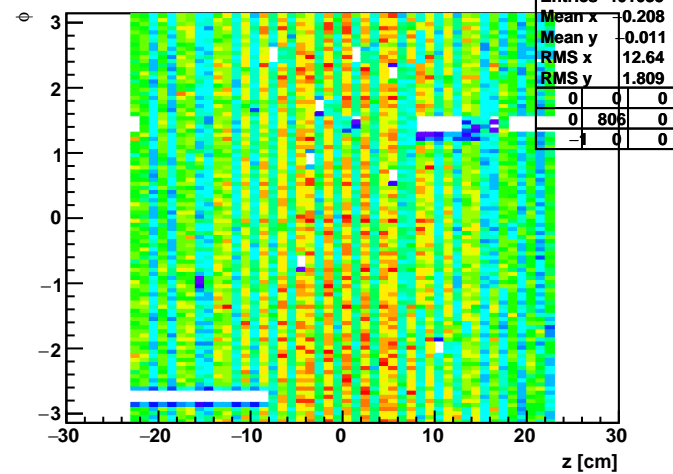
StE PIXEL: hits vs ladder vs sensor in outer layer (per event)



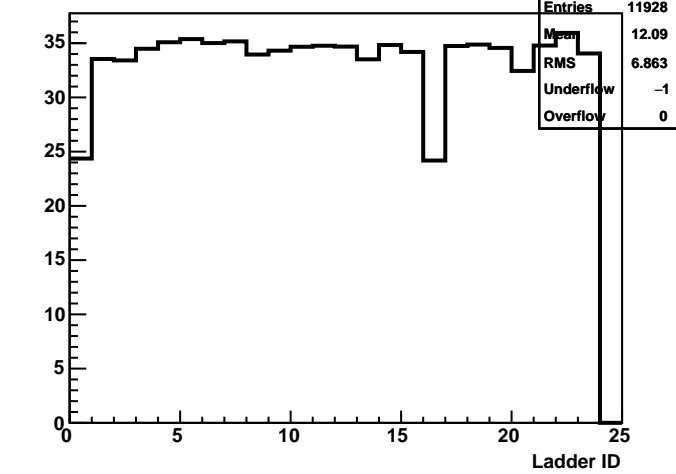
StE PIXEL: Hits in inner vs outer layer (per event)



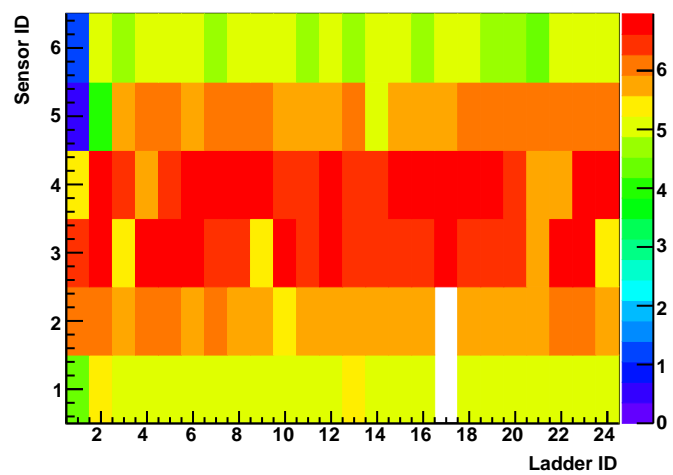
StE IST: Hits vs phi vs z (per event)



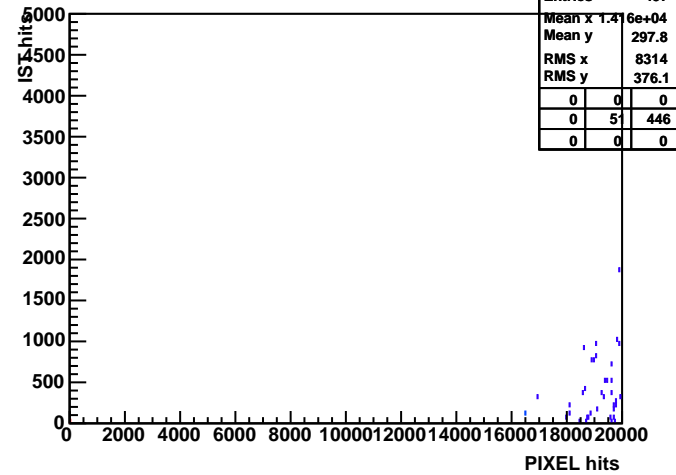
StE IST: Hits per ladder (per event)



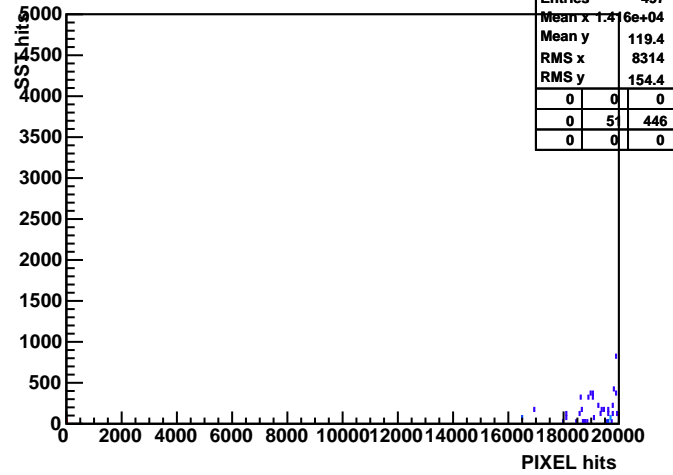
StE IST: Hits vs ladder vs sensor (per event)



StE PIXEL hits vs IST hits



StE PIXEL hits vs SST hits



StE IST hits vs SST hits

