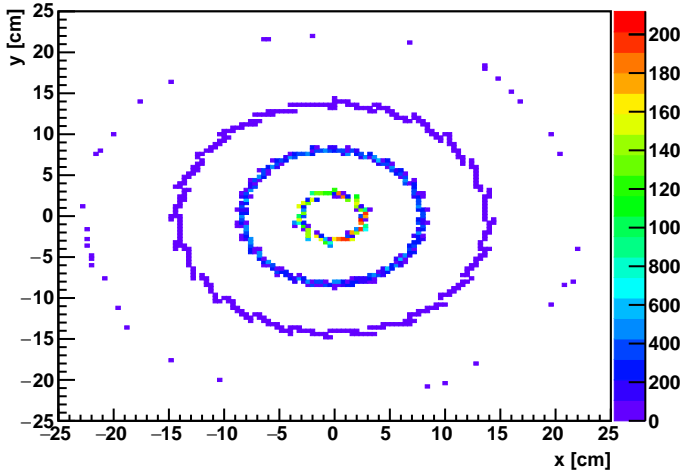
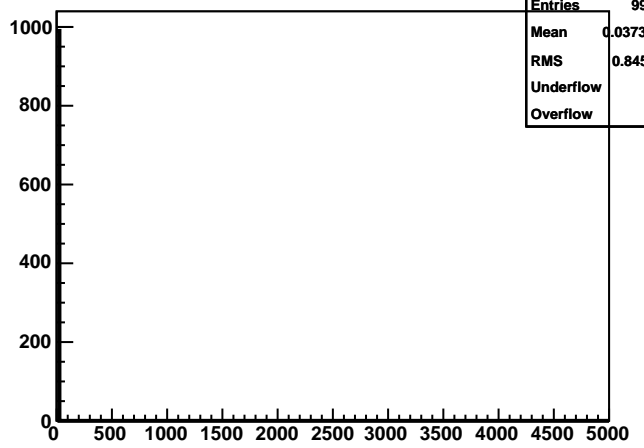


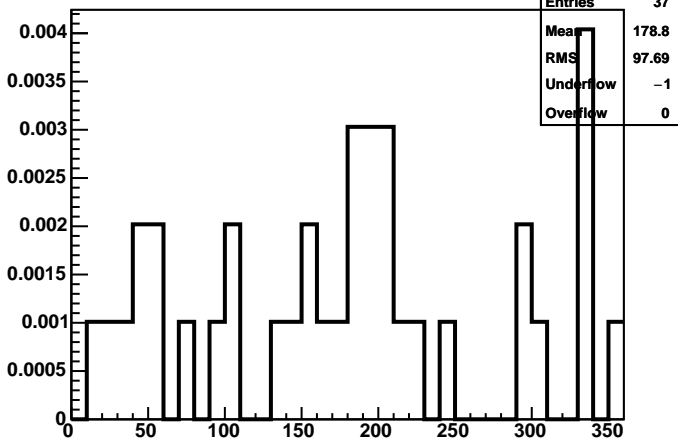
PIXEL, IST, SSD: Distribution of hits in XY



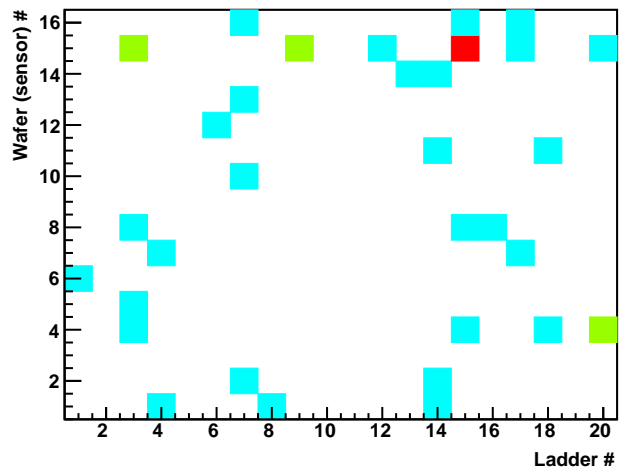
StE point: # hits sst



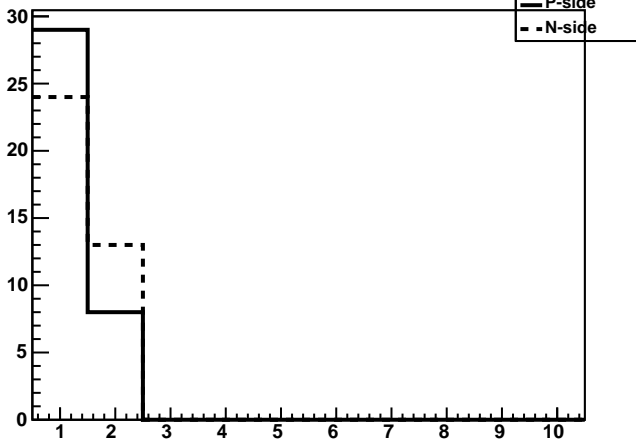
StE SST:  $\phi$  of hits (per event)



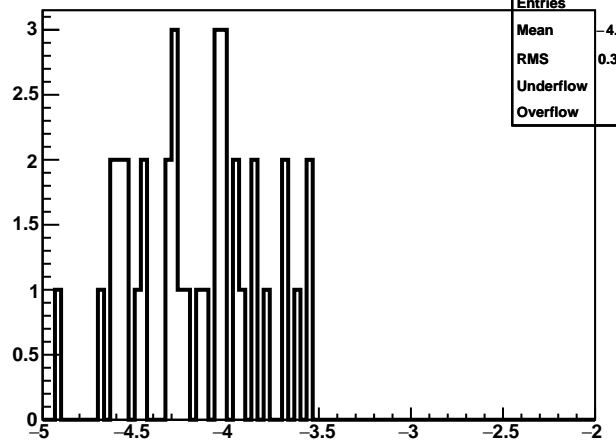
StE SST: wafer id vs ladder id (per event)

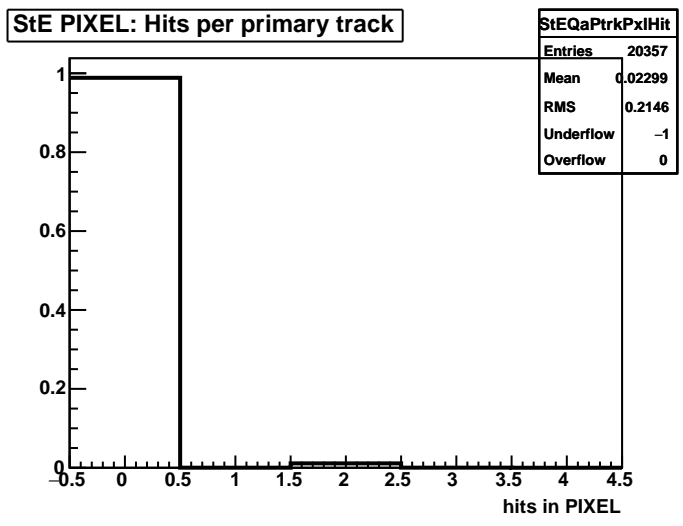
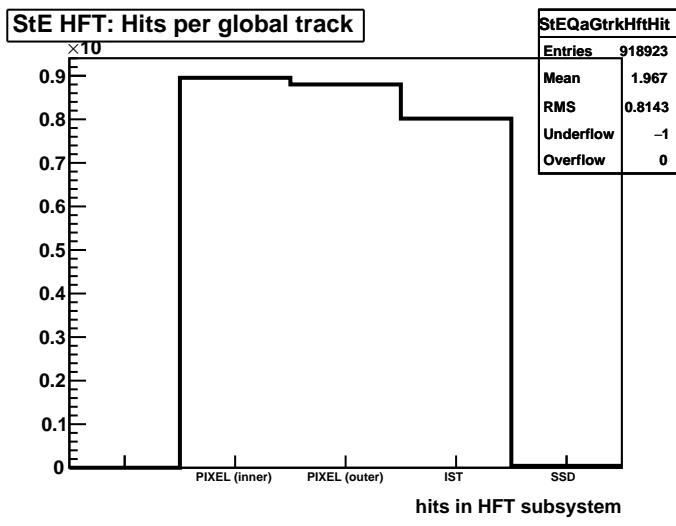
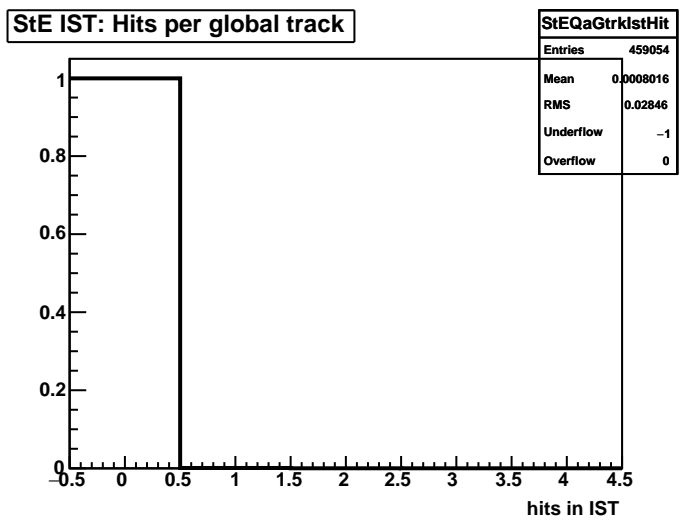
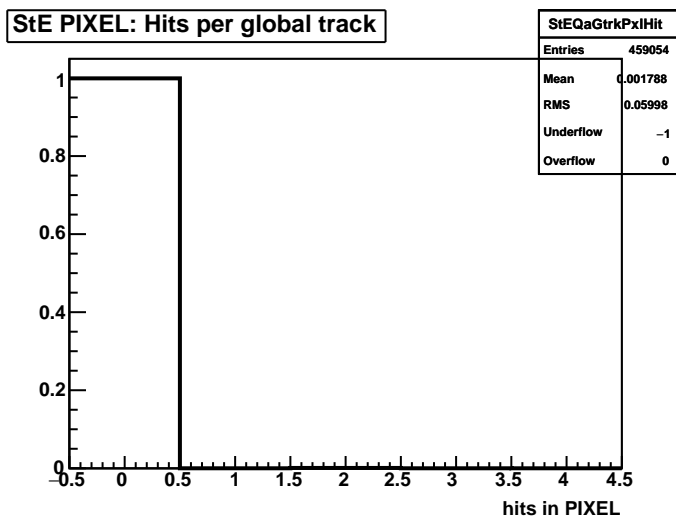
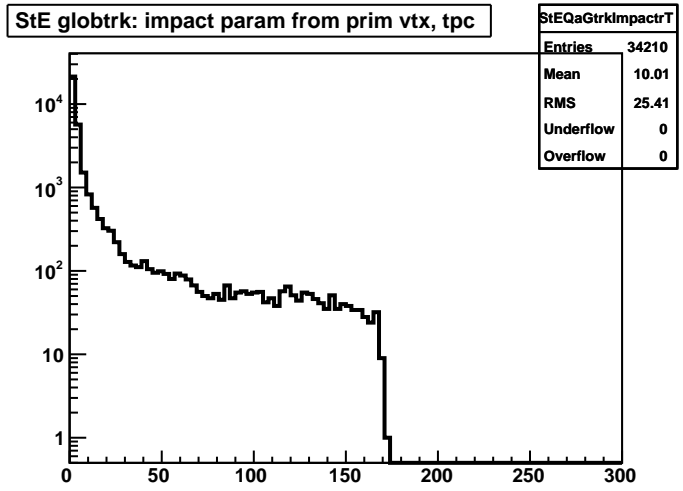
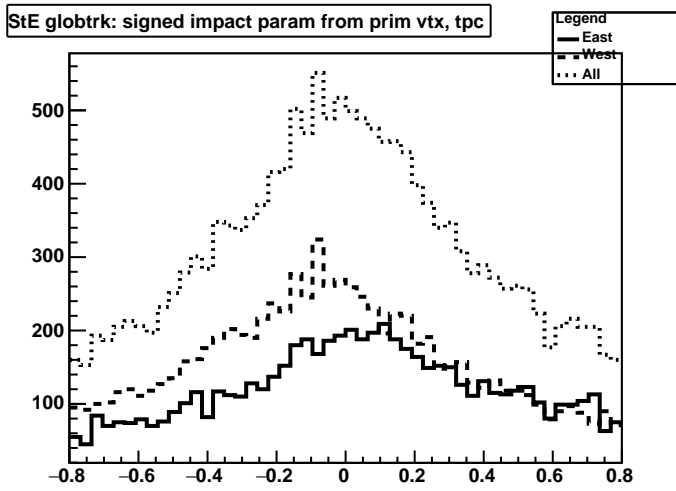


StE SST: size of clusters



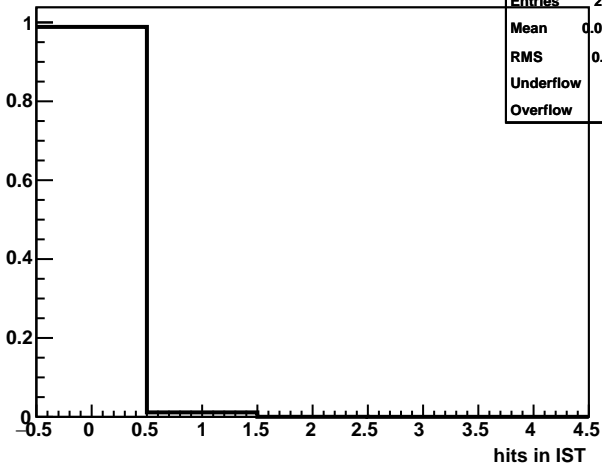
StE SST: log10(energy) of hits





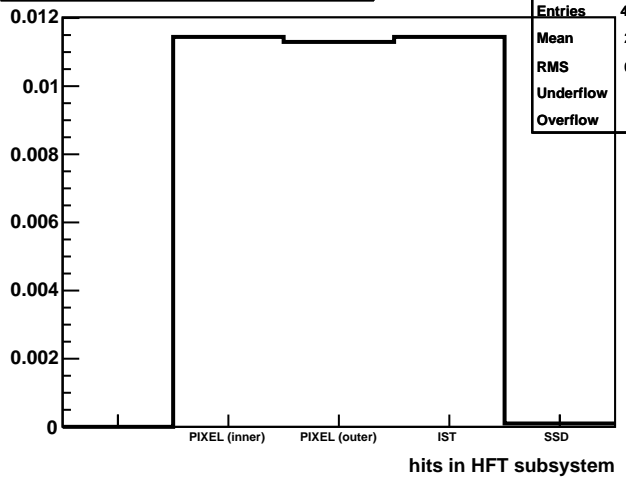
StE IST: Hits per primary track

| StEQaPtrkIstHit |         |
|-----------------|---------|
| Entries         | 20357   |
| Mean            | 0.01145 |
| RMS             | 0.1073  |
| Underflow       | -1      |
| Overflow        | 0       |



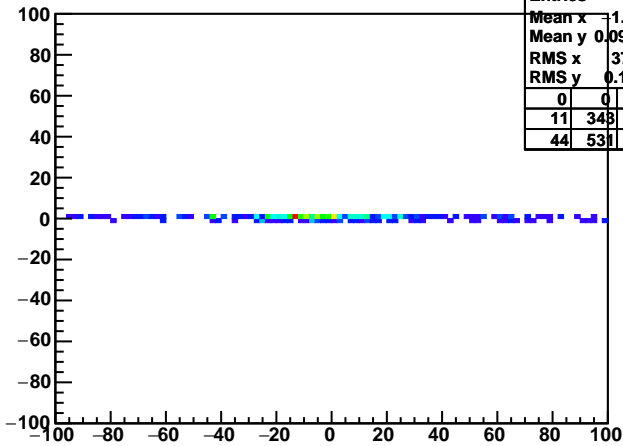
StE HFT: Hits per primary track

| StEQaPtrkHftHit |       |
|-----------------|-------|
| Entries         | 41177 |
| Mean            | 2.006 |
| RMS             | 0.824 |
| Underflow       | -1    |
| Overflow        | 0     |



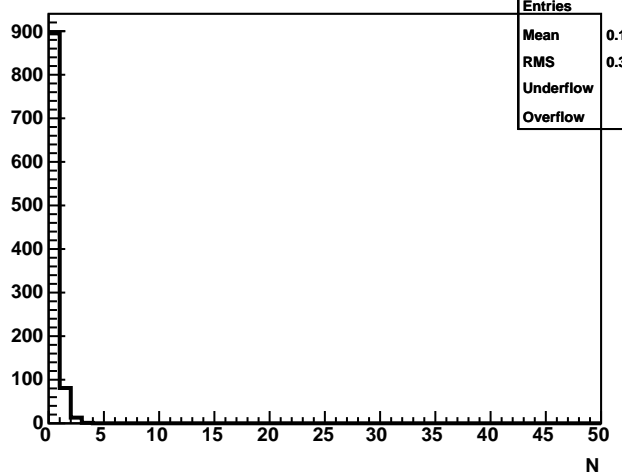
StE VPD vtxz vs TPC vtxz

| StEQaToIvPdZvsTpcZ |         |     |
|--------------------|---------|-----|
| Entries            | 990     |     |
| Mean x             | 1.269   |     |
| Mean y             | 0.09398 |     |
| RMS x              | 37.13   |     |
| RMS y              | 0.1371  |     |
|                    | 0       | 0   |
|                    | 11      | 348 |
|                    | 44      | 53  |
|                    | 18      | 43  |



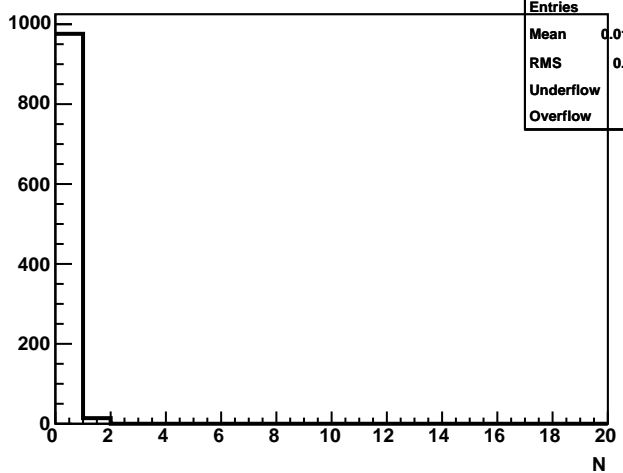
StE Number of MTD hits per event

| StEQaMtdNHits |        |
|---------------|--------|
| Entries       | 990    |
| Mean          | 0.1111 |
| RMS           | 0.3621 |
| Underflow     | 0      |
| Overflow      | 0      |



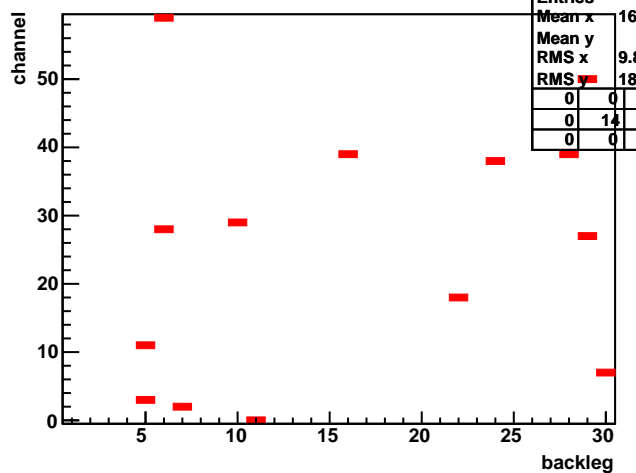
StE Number of matched MTD hits per event

| StEQaMtdNMatchHits |         |
|--------------------|---------|
| Entries            | 990     |
| Mean               | 0.01414 |
| RMS                | 0.1181  |
| Underflow          | 0       |
| Overflow           | 0       |

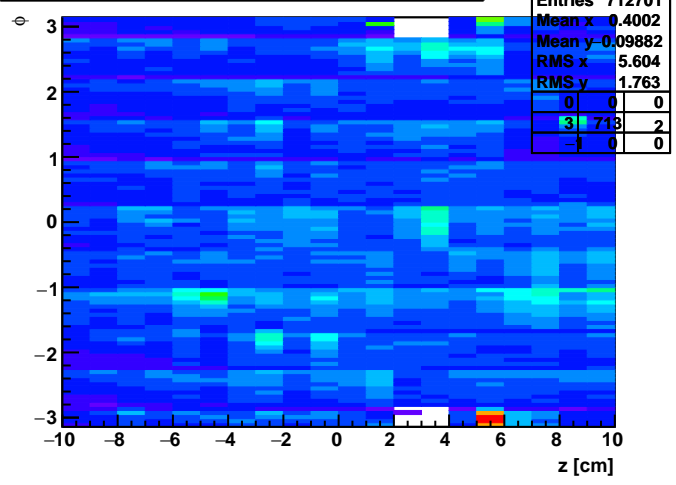


StE MTD: channel vs backlog of matched hits

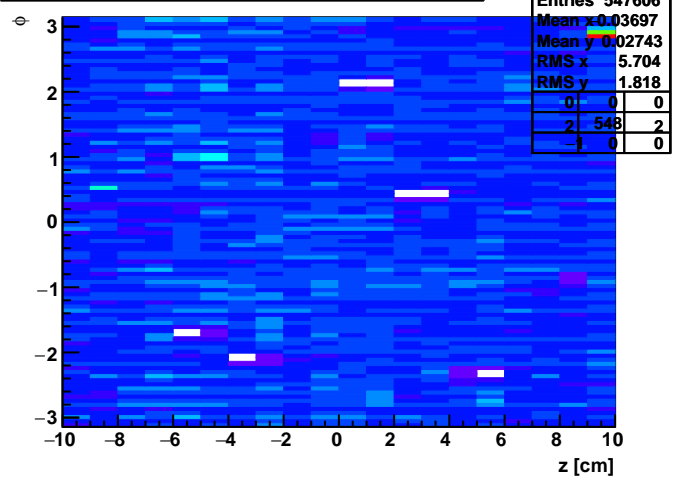
| StEQaMtdMatchHitMap |       |    |
|---------------------|-------|----|
| Entries             | 14    |    |
| Mean x              | 16.29 |    |
| Mean y              | 25    |    |
| RMS x               | 9.859 |    |
| RMS y               | 18.08 |    |
|                     | 0     | 0  |
|                     | 0     | 14 |
|                     | 0     | 0  |



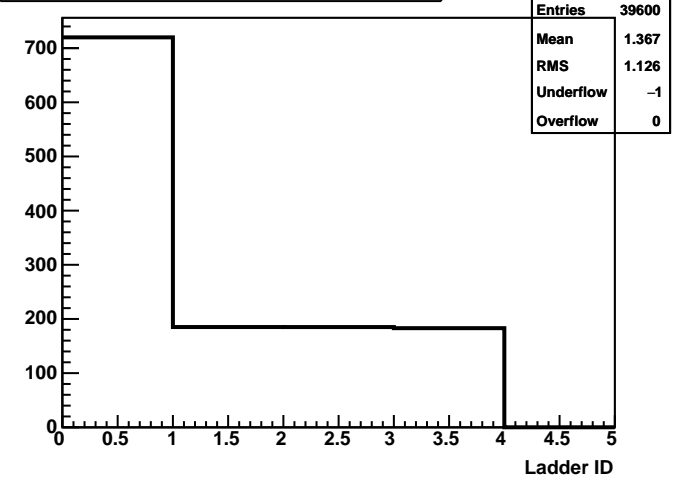
StE PIXEL: hits vs phi vs z in inner layer (per event)



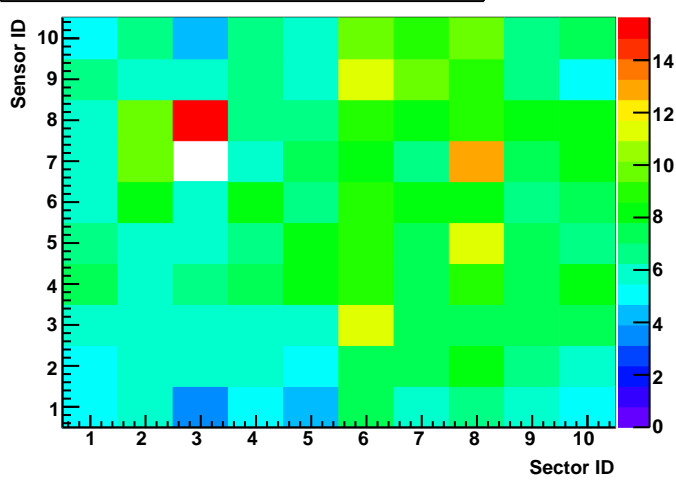
StE PIXEL: hits vs phi vs z in outer layer (per event)



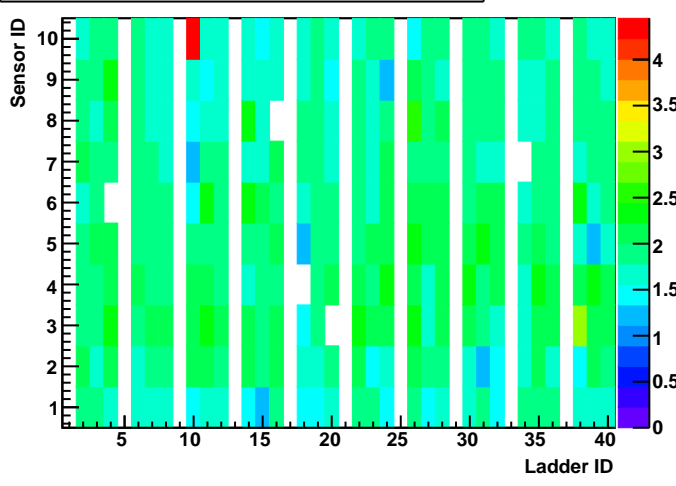
StE PIXEL: hits per ladder (per event)



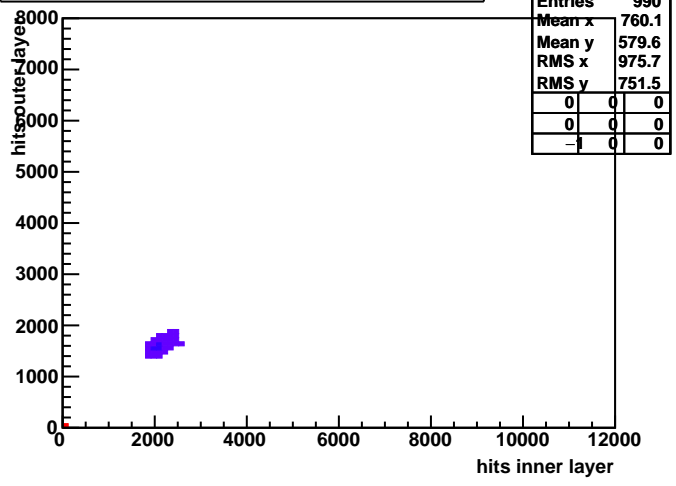
StE PIXEL: hits vs sector vs sensor in inner layer (per event)



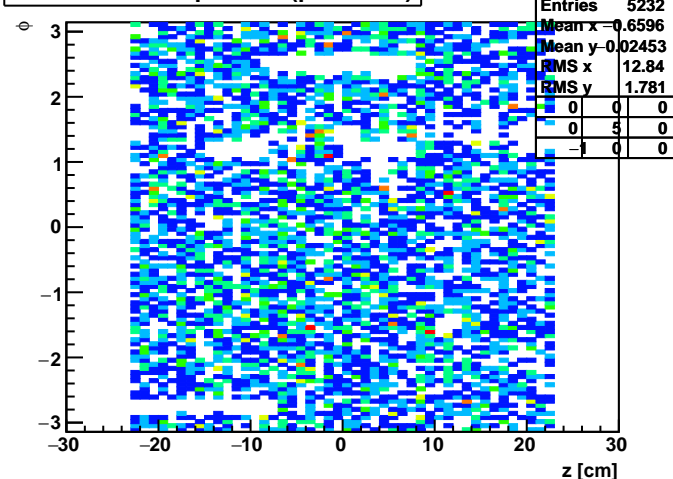
StE PIXEL: hits vs ladder vs sensor in outer layer (per event)



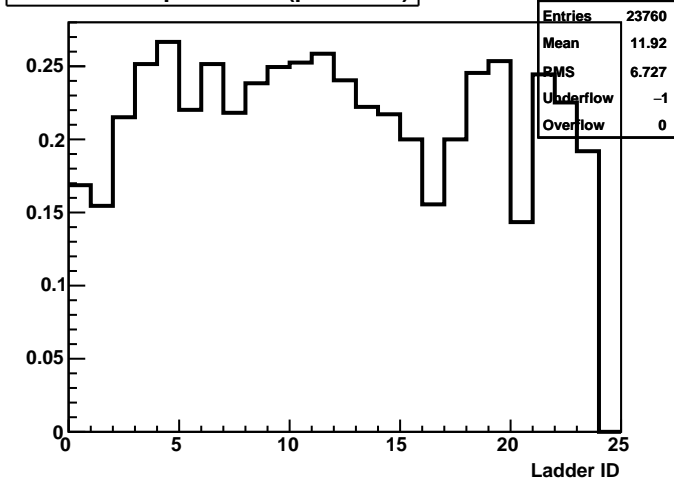
StE PIXEL: Hits in inner vs outer layer (per event)



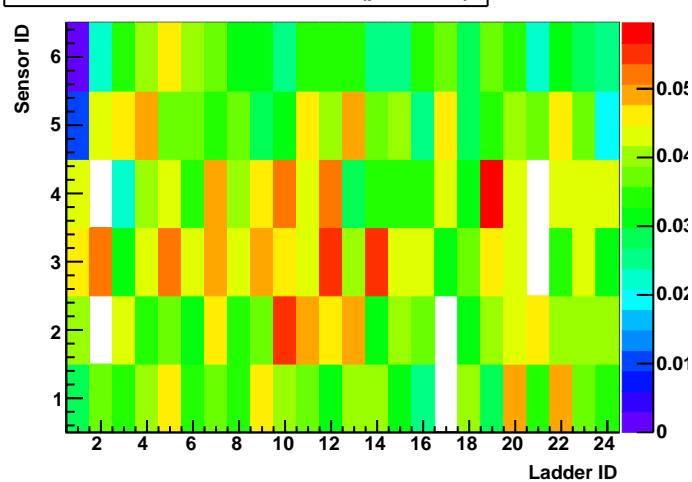
StE IST: Hits vs phi vs z (per event)



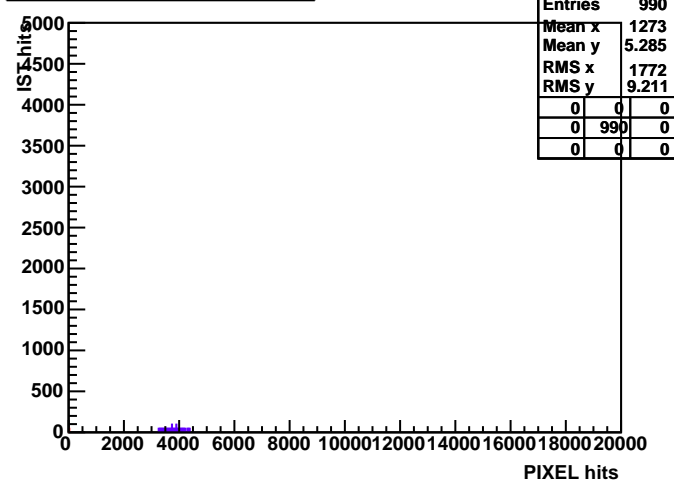
StE IST: Hits per ladder (per event)



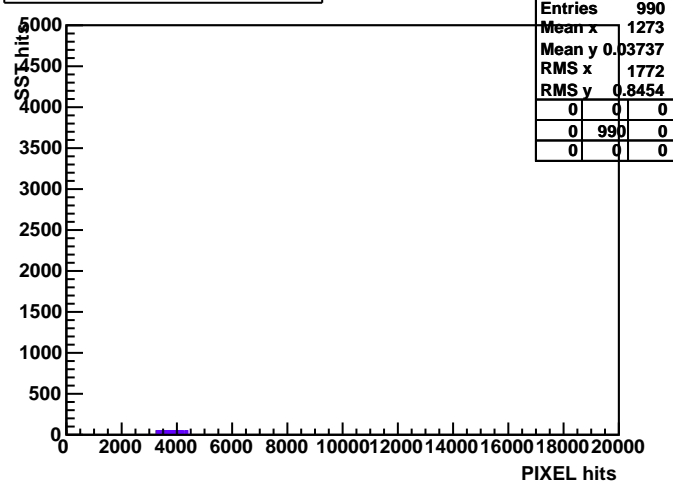
StE IST: Hits vs ladder vs sensor (per event)



StE PIXEL hits vs IST hits



StE PIXEL hits vs SST hits



StE IST hits vs SST hits

