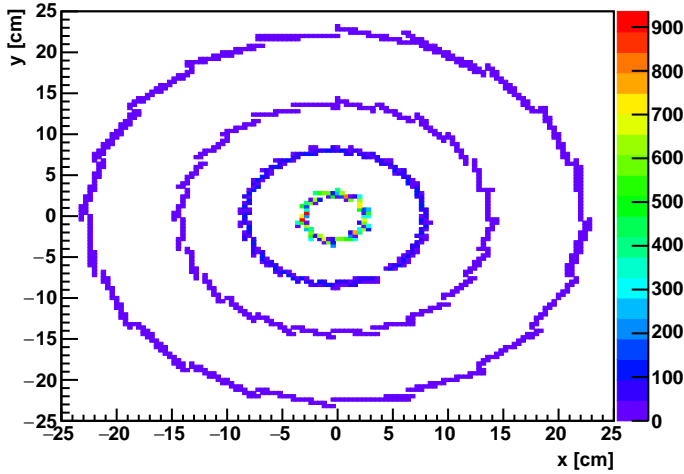
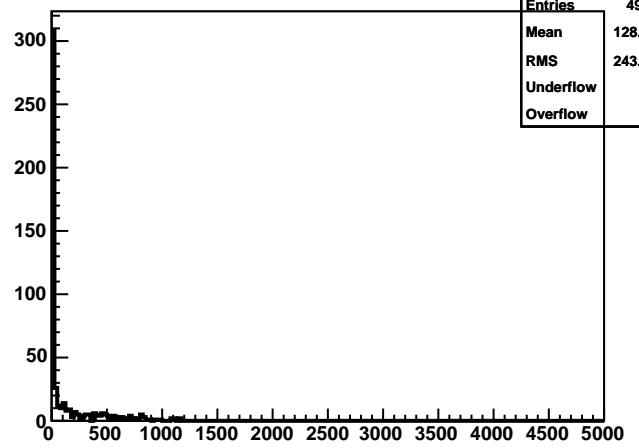


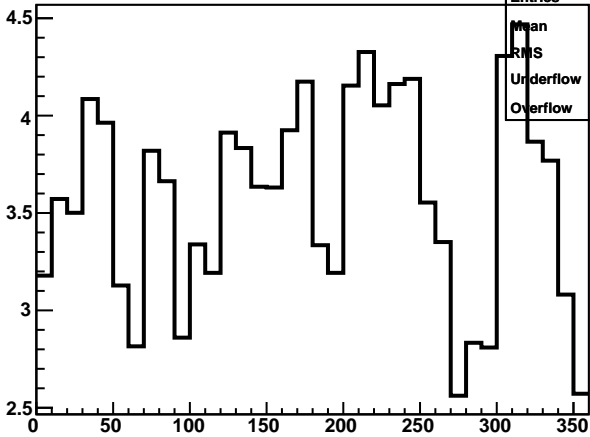
PIXEL, IST, SSD: Distribution of hits in XY



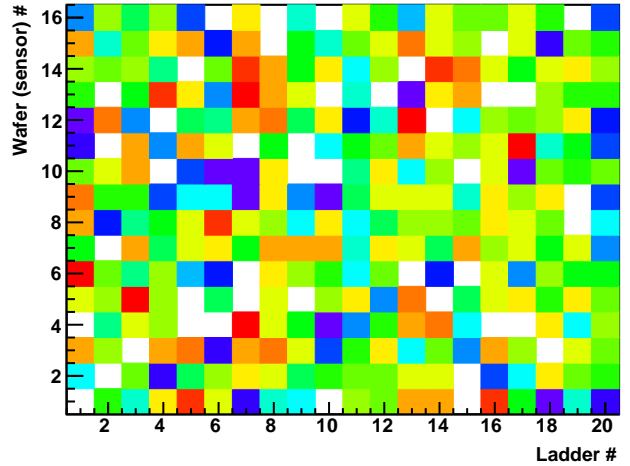
StE point: # hits sst



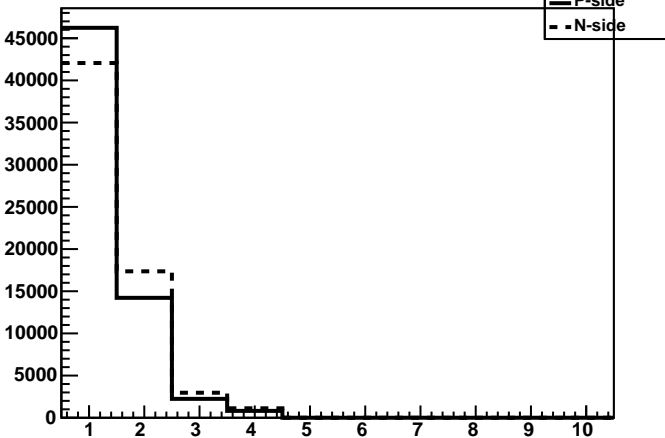
StE SST:  $\phi$  of hits (per event)



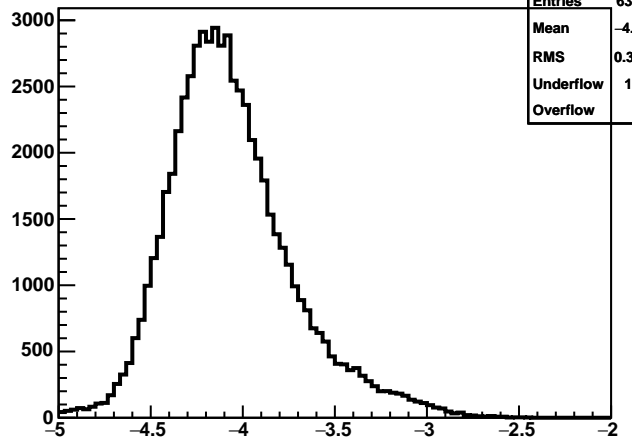
StE SST: wafer id vs ladder id (per event)

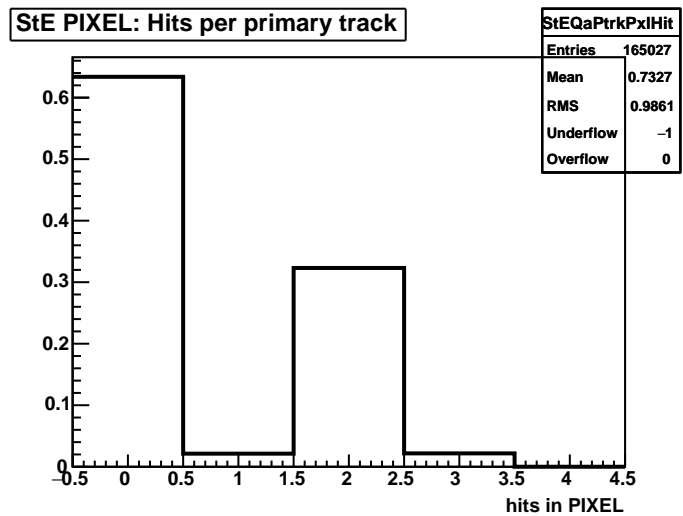
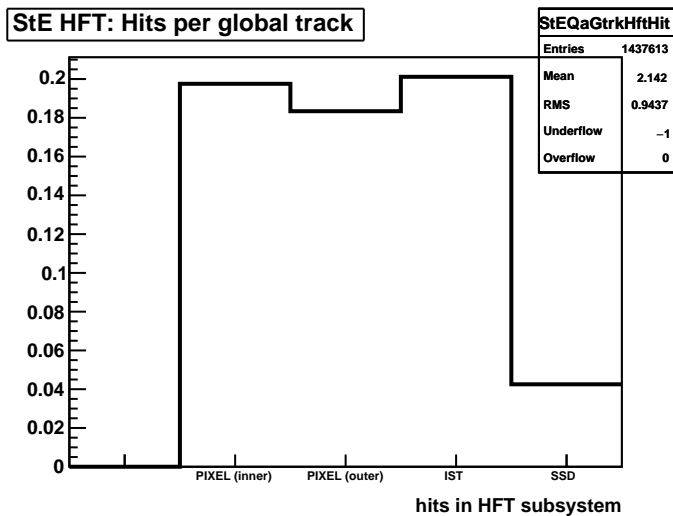
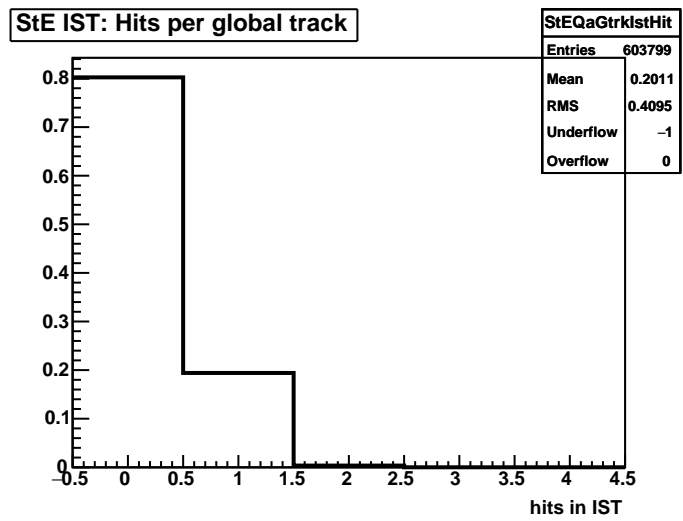
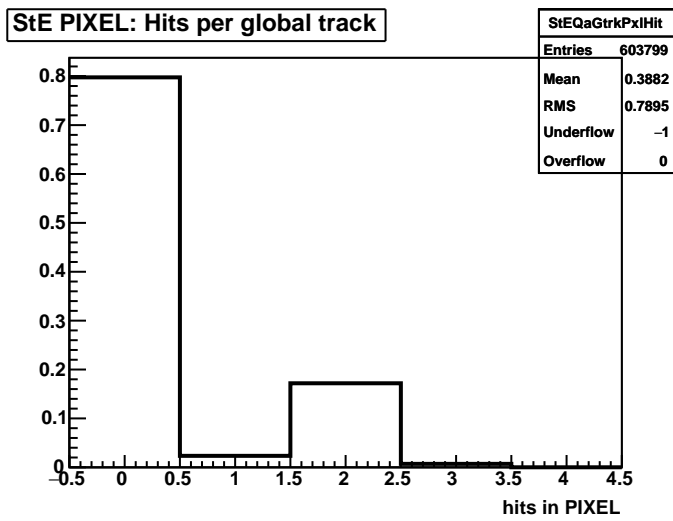
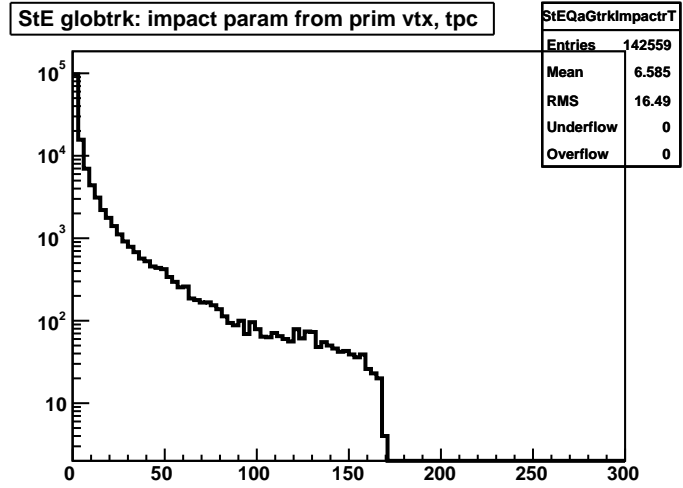
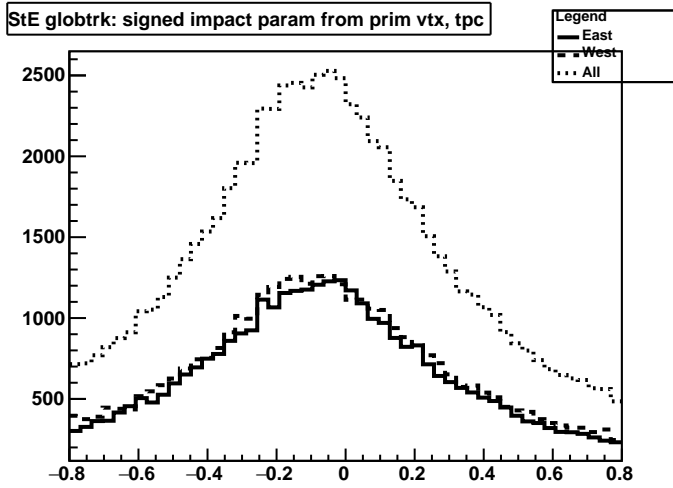


StE SST: size of clusters



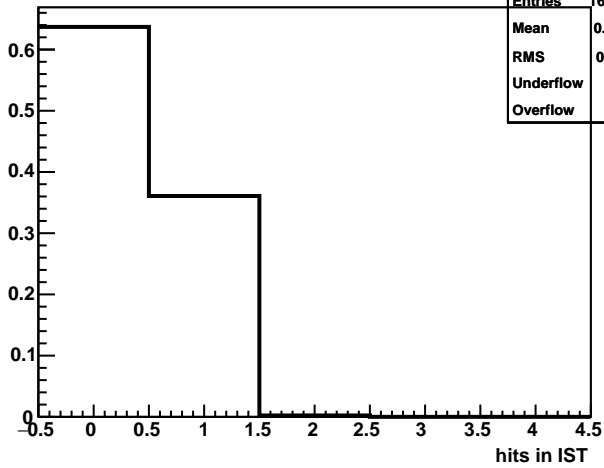
StE SST: log10(energy) of hits





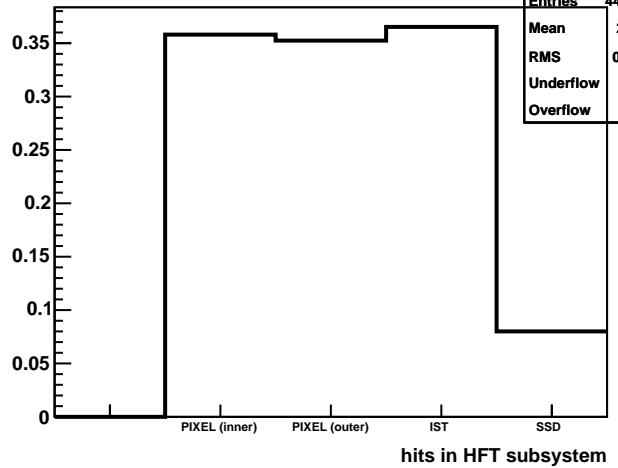
StE IST: Hits per primary track

| StEQaPtrkIstHit |        |
|-----------------|--------|
| Entries         | 165027 |
| Mean            | 0.3652 |
| RMS             | 0.4861 |
| Underflow       | -1     |
| Overflow        | 0      |



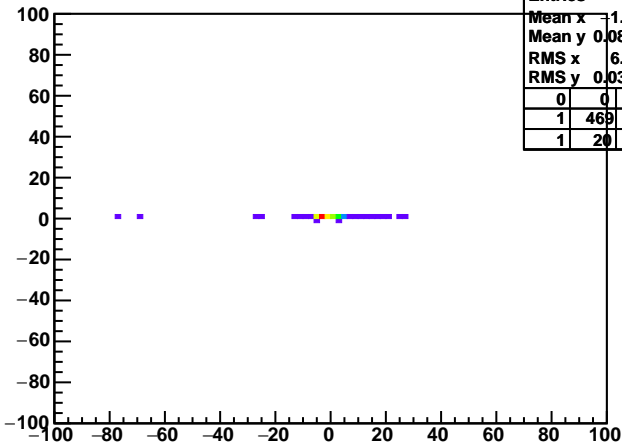
StE HFT: Hits per primary track

| StEQaPtrkHftHit |        |
|-----------------|--------|
| Entries         | 447296 |
| Mean            | 2.145  |
| RMS             | 0.9391 |
| Underflow       | -1     |
| Overflow        | 0      |



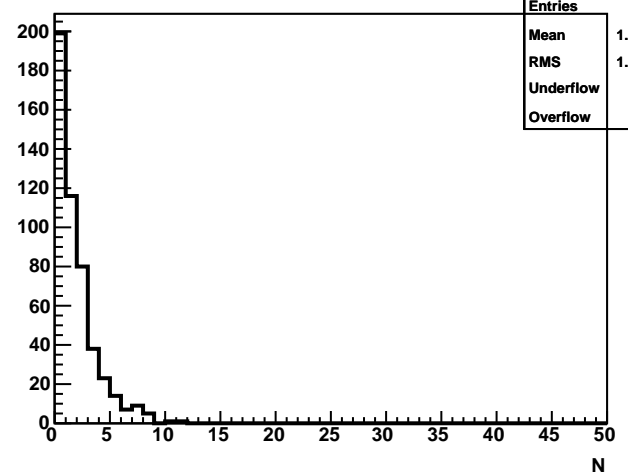
StE VPD vtxz vs TPC vtxz

| StEQaTotVpdZvsTpcZ |         |   |
|--------------------|---------|---|
| Entries            | 493     |   |
| Mean x             | -1.093  |   |
| Mean y             | 0.08988 |   |
| RMS x              | 6.793   |   |
| RMS y              | 0.03636 |   |
| 0                  | 0       | 0 |
| 1                  | 469     | 2 |
| 1                  | 20      | 0 |



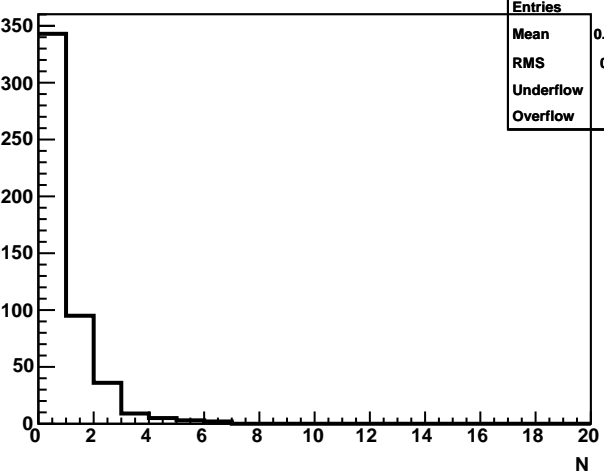
StE Number of MTD hits per event

| StEQaMtdNHits |       |
|---------------|-------|
| Entries       | 493   |
| Mean          | 1.456 |
| RMS           | 1.848 |
| Underflow     | 0     |
| Overflow      | 0     |



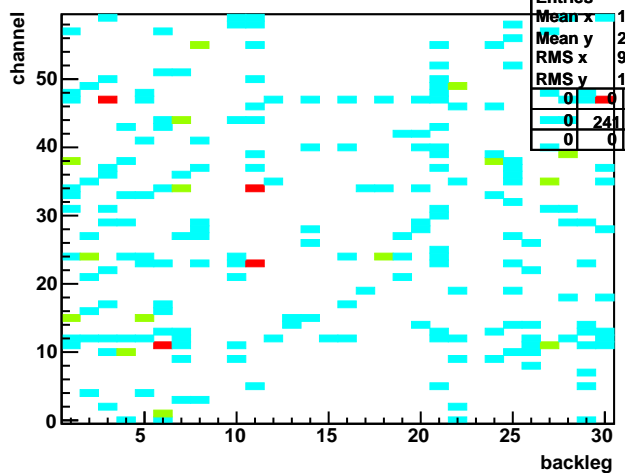
StE Number of matched MTD hits per event

| StEQaMtdNMatchHits |        |
|--------------------|--------|
| Entries            | 493    |
| Mean               | 0.4888 |
| RMS                | 0.933  |
| Underflow          | 0      |
| Overflow           | 0      |

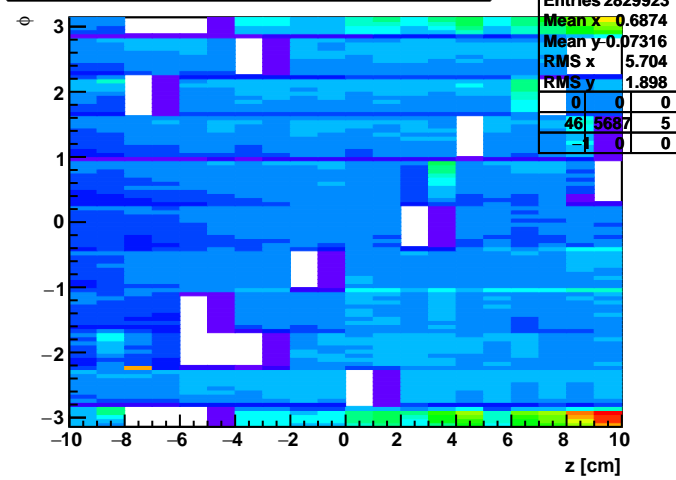


StE MTD: channel vs backlog of matched hits

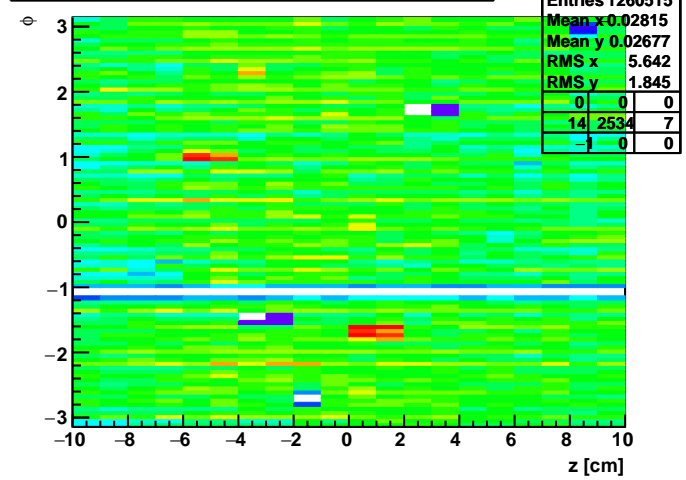
| StEQaMtdMatchHitMap |       |   |
|---------------------|-------|---|
| Entries             | 241   |   |
| Mean x              | 14.89 |   |
| Mean y              | 29.38 |   |
| RMS x               | 9.662 |   |
| RMS y               | 15.85 |   |
| 0                   | 0     | 0 |
| 0                   | 241   | 0 |
| 0                   | 0     | 0 |



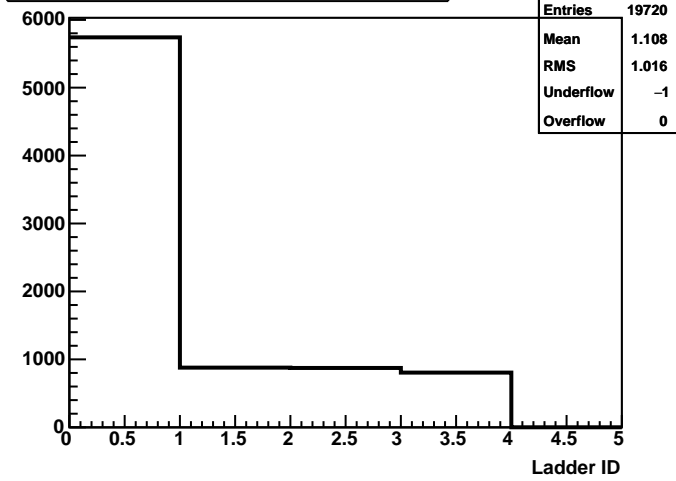
StE PIXEL: hits vs phi vs z in inner layer (per event)



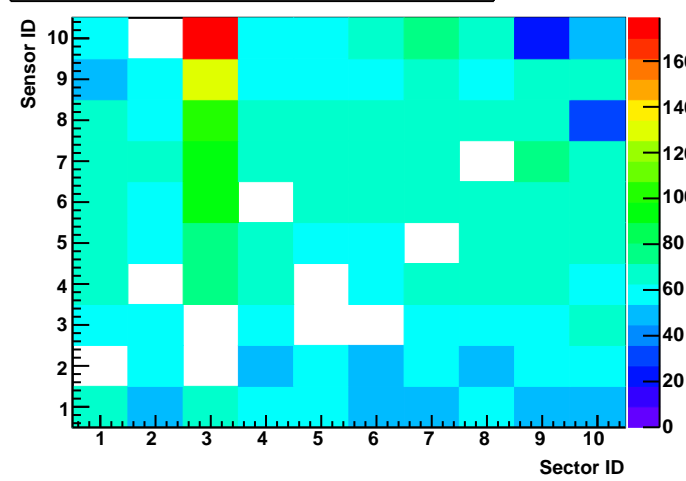
StE PIXEL: hits vs phi vs z in outer layer (per event)



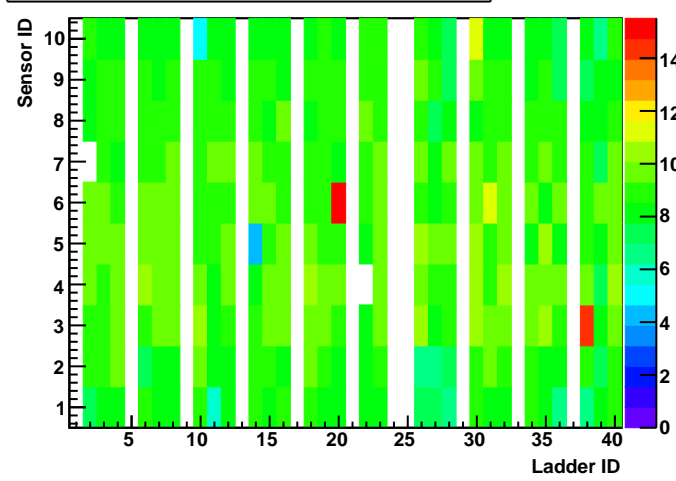
StE PIXEL: hits per ladder (per event)



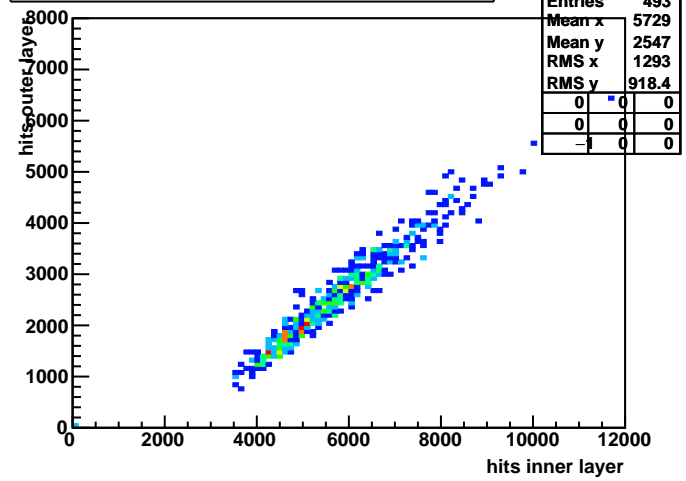
StE PIXEL: hits vs sector vs sensor in inner layer (per event)



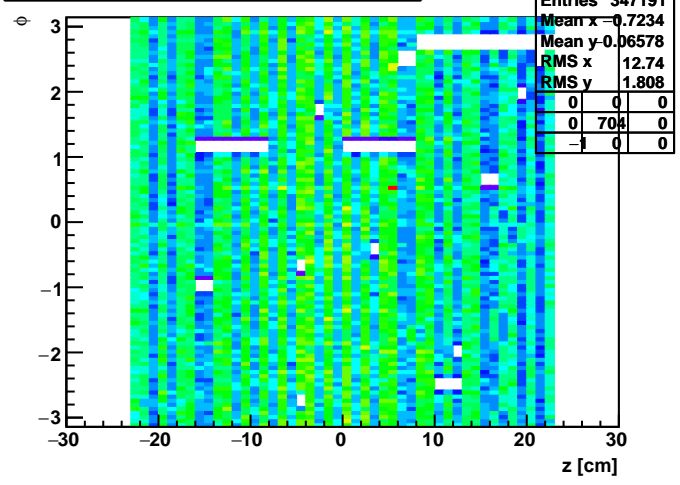
StE PIXEL: hits vs ladder vs sensor in outer layer (per event)



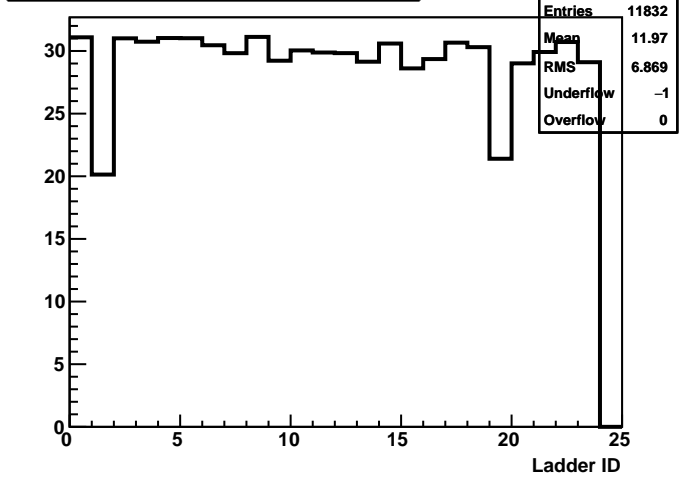
StE PIXEL: Hits in inner vs outer layer (per event)



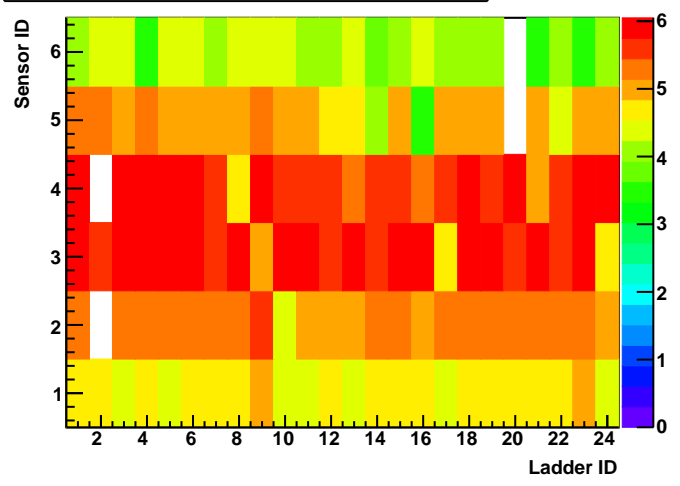
StE IST: Hits vs phi vs z (per event)



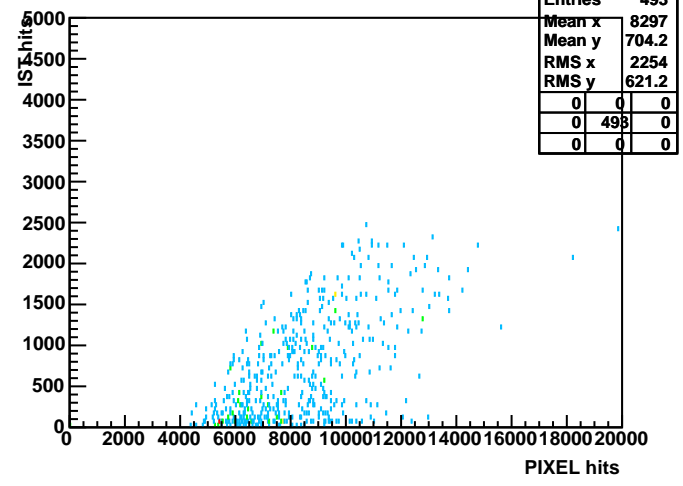
StE IST: Hits per ladder (per event)



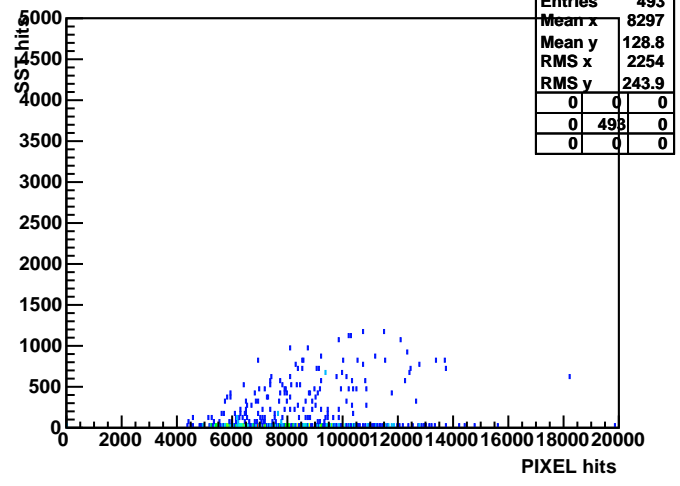
StE IST: Hits vs ladder vs sensor (per event)



StE PIXEL hits vs IST hits



StE PIXEL hits vs SST hits



StE IST hits vs SST hits

