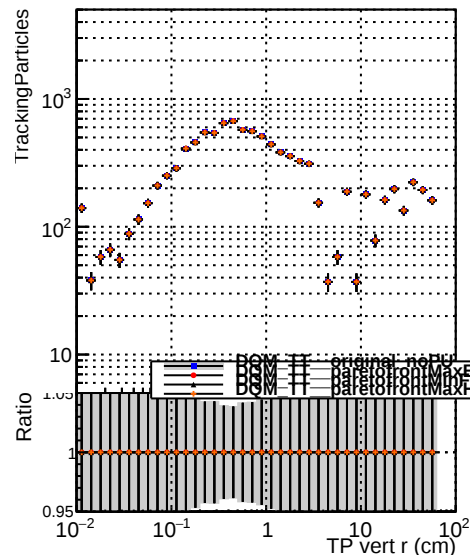
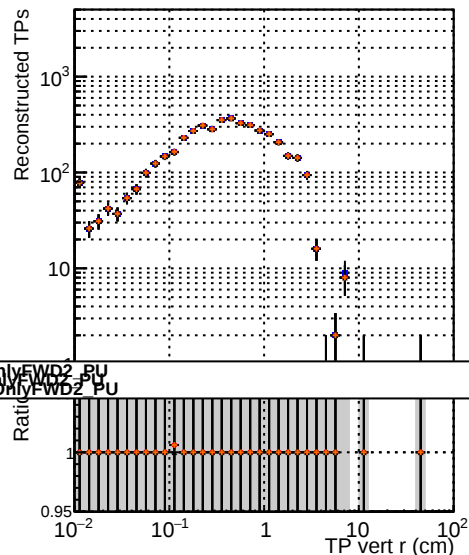


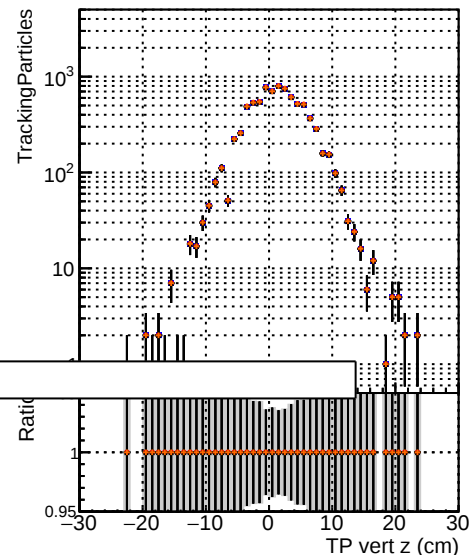
N of simulated tracks vs transverse vert position



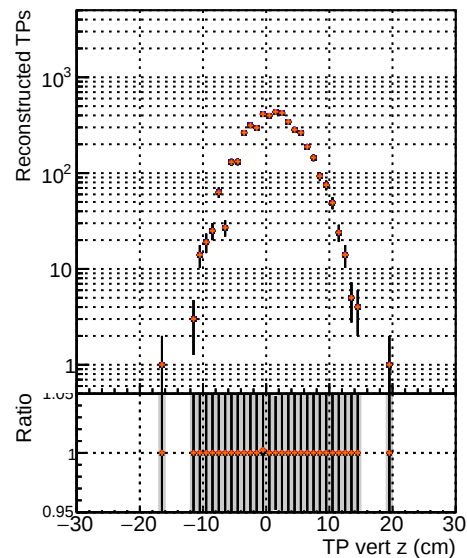
N of associated tracks (simToReco) vs transverse vert position



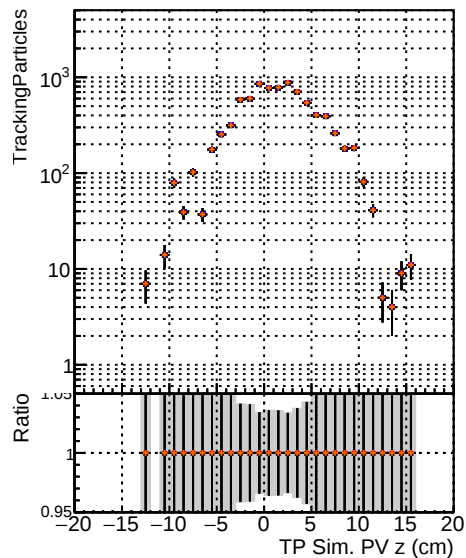
### N of simulated tracks vs z vert position



N of associated tracks (simToReco) vs z vert position



| N of simulated tracks vs. sim PV z |          |
|------------------------------------|----------|
| 1000                               | 0.000000 |
| 2000                               | 0.000000 |
| 3000                               | 0.000000 |
| 4000                               | 0.000000 |
| 5000                               | 0.000000 |
| 6000                               | 0.000000 |
| 7000                               | 0.000000 |
| 8000                               | 0.000000 |
| 9000                               | 0.000000 |
| 10000                              | 0.000000 |
| 11000                              | 0.000000 |
| 12000                              | 0.000000 |
| 13000                              | 0.000000 |
| 14000                              | 0.000000 |
| 15000                              | 0.000000 |
| 16000                              | 0.000000 |
| 17000                              | 0.000000 |
| 18000                              | 0.000000 |
| 19000                              | 0.000000 |
| 20000                              | 0.000000 |
| 21000                              | 0.000000 |
| 22000                              | 0.000000 |
| 23000                              | 0.000000 |
| 24000                              | 0.000000 |
| 25000                              | 0.000000 |
| 26000                              | 0.000000 |
| 27000                              | 0.000000 |
| 28000                              | 0.000000 |
| 29000                              | 0.000000 |
| 30000                              | 0.000000 |
| 31000                              | 0.000000 |
| 32000                              | 0.000000 |
| 33000                              | 0.000000 |
| 34000                              | 0.000000 |
| 35000                              | 0.000000 |
| 36000                              | 0.000000 |
| 37000                              | 0.000000 |
| 38000                              | 0.000000 |
| 39000                              | 0.000000 |
| 40000                              | 0.000000 |
| 41000                              | 0.000000 |
| 42000                              | 0.000000 |
| 43000                              | 0.000000 |
| 44000                              | 0.000000 |
| 45000                              | 0.000000 |
| 46000                              | 0.000000 |
| 47000                              | 0.000000 |
| 48000                              | 0.000000 |
| 49000                              | 0.000000 |
| 50000                              | 0.000000 |
| 51000                              | 0.000000 |
| 52000                              | 0.000000 |
| 53000                              | 0.000000 |
| 54000                              | 0.000000 |
| 55000                              | 0.000000 |
| 56000                              | 0.000000 |
| 57000                              | 0.000000 |
| 58000                              | 0.000000 |
| 59000                              | 0.000000 |
| 60000                              | 0.000000 |
| 61000                              | 0.000000 |
| 62000                              | 0.000000 |
| 63000                              | 0.000000 |
| 64000                              | 0.000000 |
| 65000                              | 0.000000 |
| 66000                              | 0.000000 |
| 67000                              | 0.000000 |
| 68000                              | 0.000000 |
| 69000                              | 0.000000 |
| 70000                              | 0.000000 |
| 71000                              | 0.000000 |
| 72000                              | 0.000000 |
| 73000                              | 0.000000 |
| 74000                              | 0.000000 |
| 75000                              | 0.000000 |
| 76000                              | 0.000000 |
| 77000                              | 0.000000 |
| 78000                              | 0.000000 |
| 79000                              | 0.000000 |
| 80000                              | 0.000000 |
| 81000                              | 0.000000 |
| 82000                              | 0.000000 |
| 83000                              | 0.000000 |
| 84000                              | 0.000000 |
| 85000                              | 0.000000 |
| 86000                              | 0.000000 |
| 87000                              | 0.000000 |
| 88000                              | 0.000000 |
| 89000                              | 0.000000 |
| 90000                              | 0.000000 |
| 91000                              | 0.000000 |
| 92000                              | 0.000000 |
| 93000                              | 0.000000 |
| 94000                              | 0.000000 |
| 95000                              | 0.000000 |
| 96000                              | 0.000000 |
| 97000                              | 0.000000 |
| 98000                              | 0.000000 |
| 99000                              | 0.000000 |
| 100000                             | 0.000000 |



N of associated tracks (simToReco) vs. sim PV z

