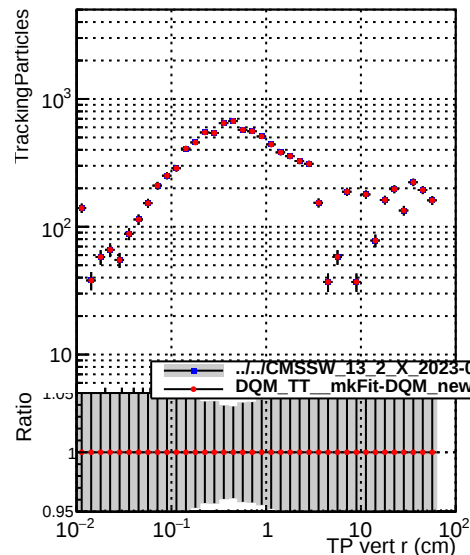
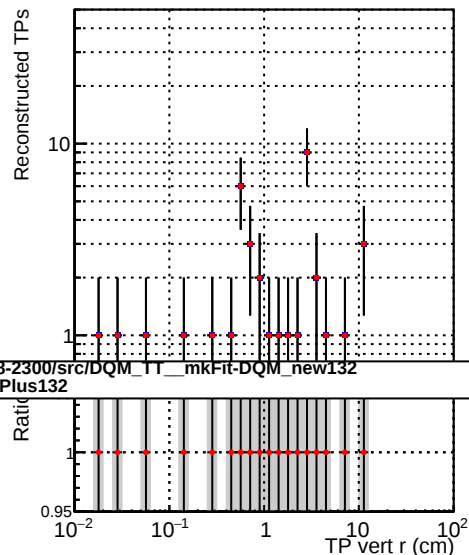


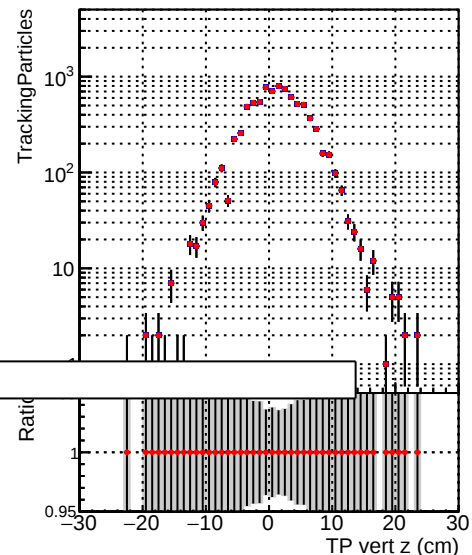
### N of simulated tracks vs transverse vert position



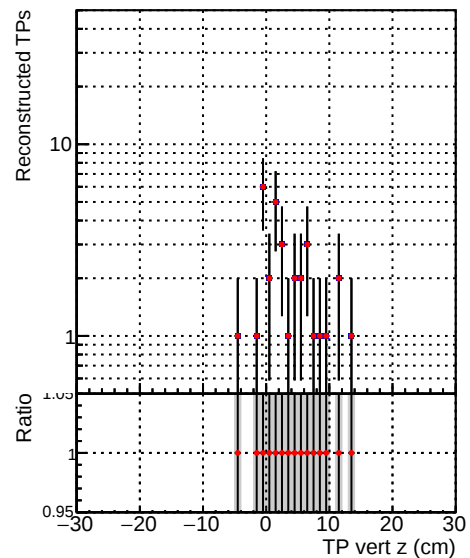
N of associated tracks (simToReco) vs transverse vert position



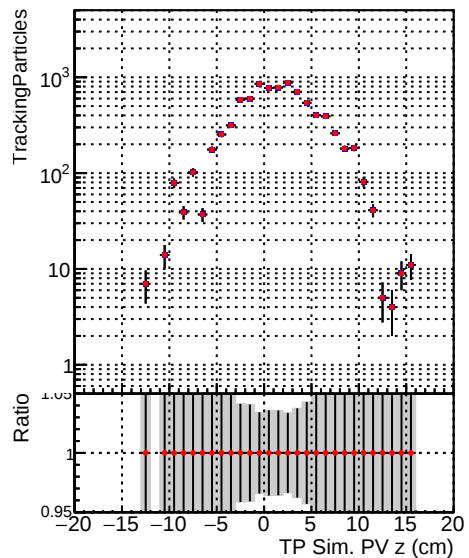
### N of simulated tracks vs z vert position



N of associated tracks (simToReco) vs z vert position



| N of simulated tracks vs. sim PV z |   |
|------------------------------------|---|
| 0                                  | 1 |
| 1                                  | 1 |
| 2                                  | 1 |
| 3                                  | 1 |
| 4                                  | 1 |
| 5                                  | 1 |
| 6                                  | 1 |
| 7                                  | 1 |
| 8                                  | 1 |
| 9                                  | 1 |
| 10                                 | 1 |
| 11                                 | 1 |
| 12                                 | 1 |
| 13                                 | 1 |
| 14                                 | 1 |
| 15                                 | 1 |
| 16                                 | 1 |
| 17                                 | 1 |
| 18                                 | 1 |
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| 21                                 | 1 |
| 22                                 | 1 |
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| 172                                | 1 |
| 173                                | 1 |
| 174                                | 1 |
| 175                                | 1 |
| 176                                | 1 |
| 177                                | 1 |
| 178                                | 1 |
| 179                                | 1 |
| 180                                | 1 |
|                                    |   |



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

