

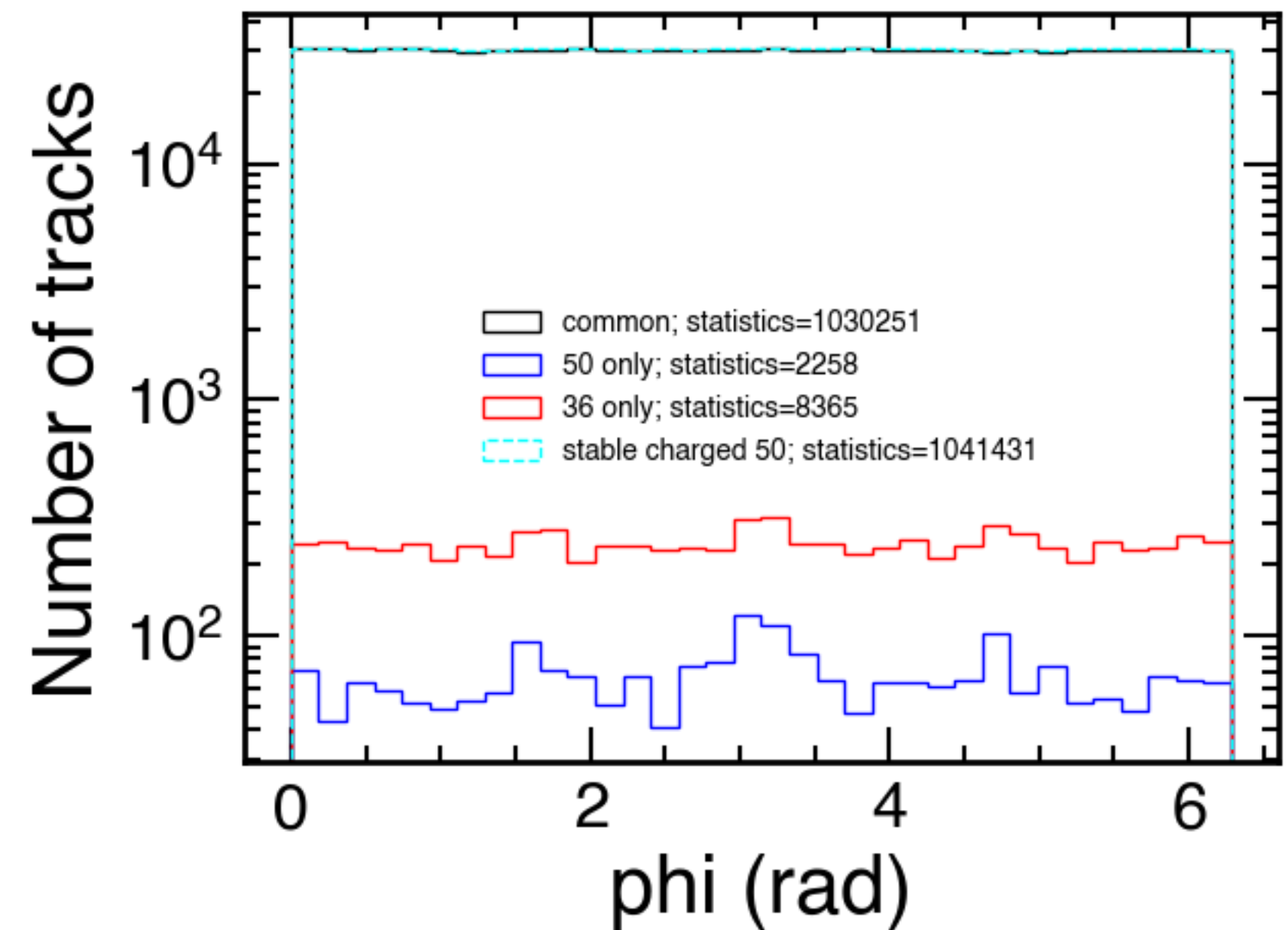
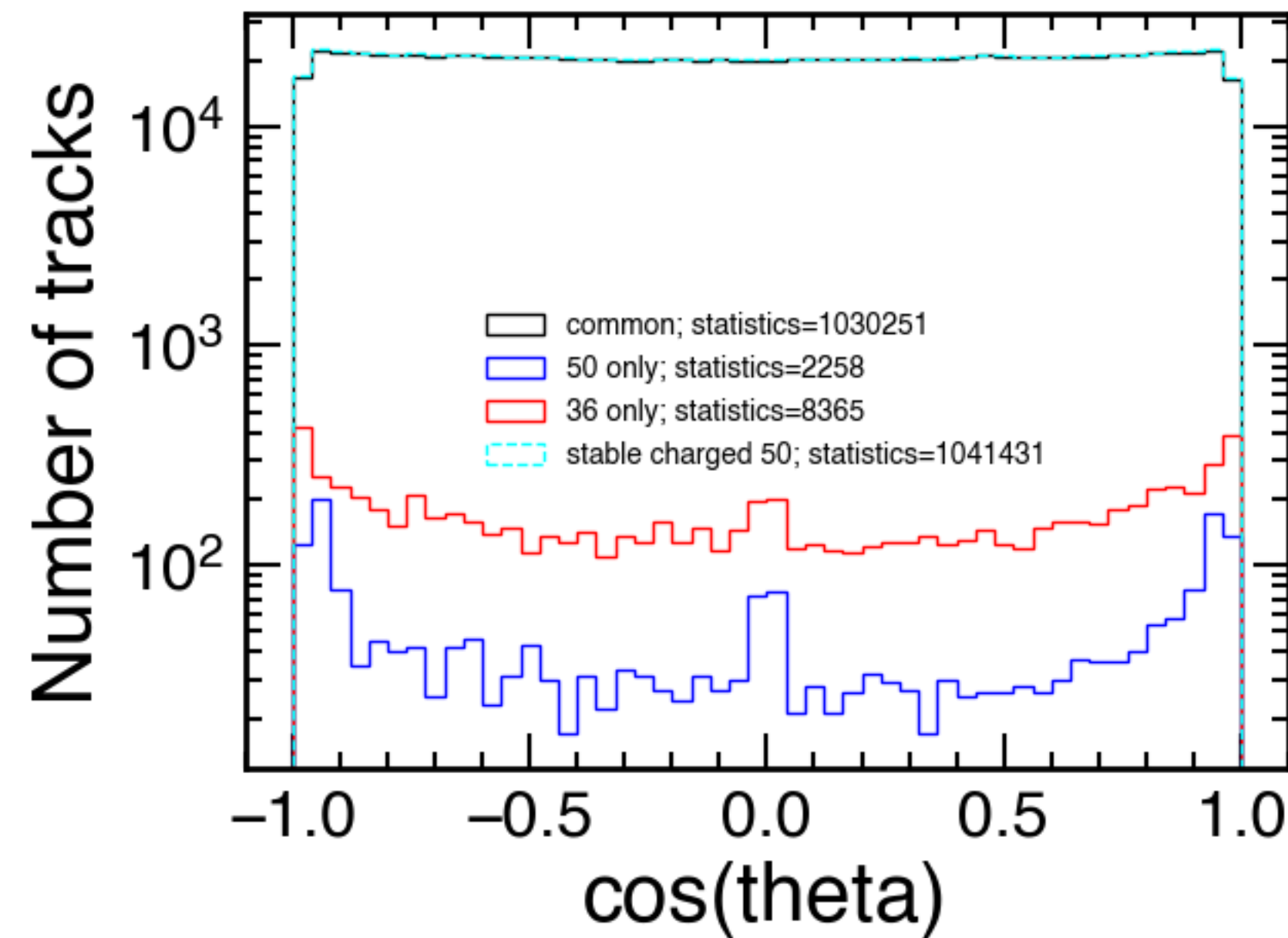
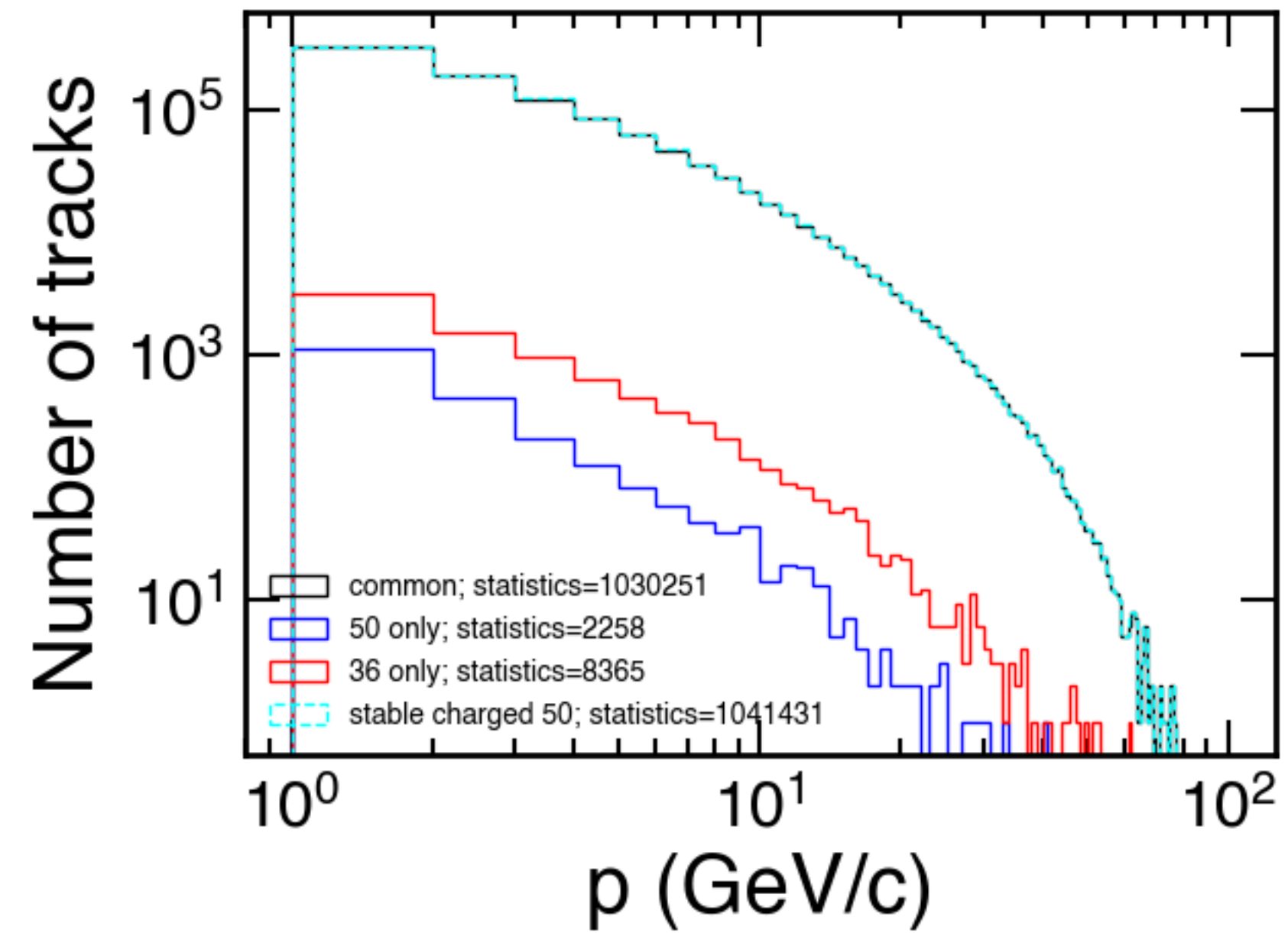
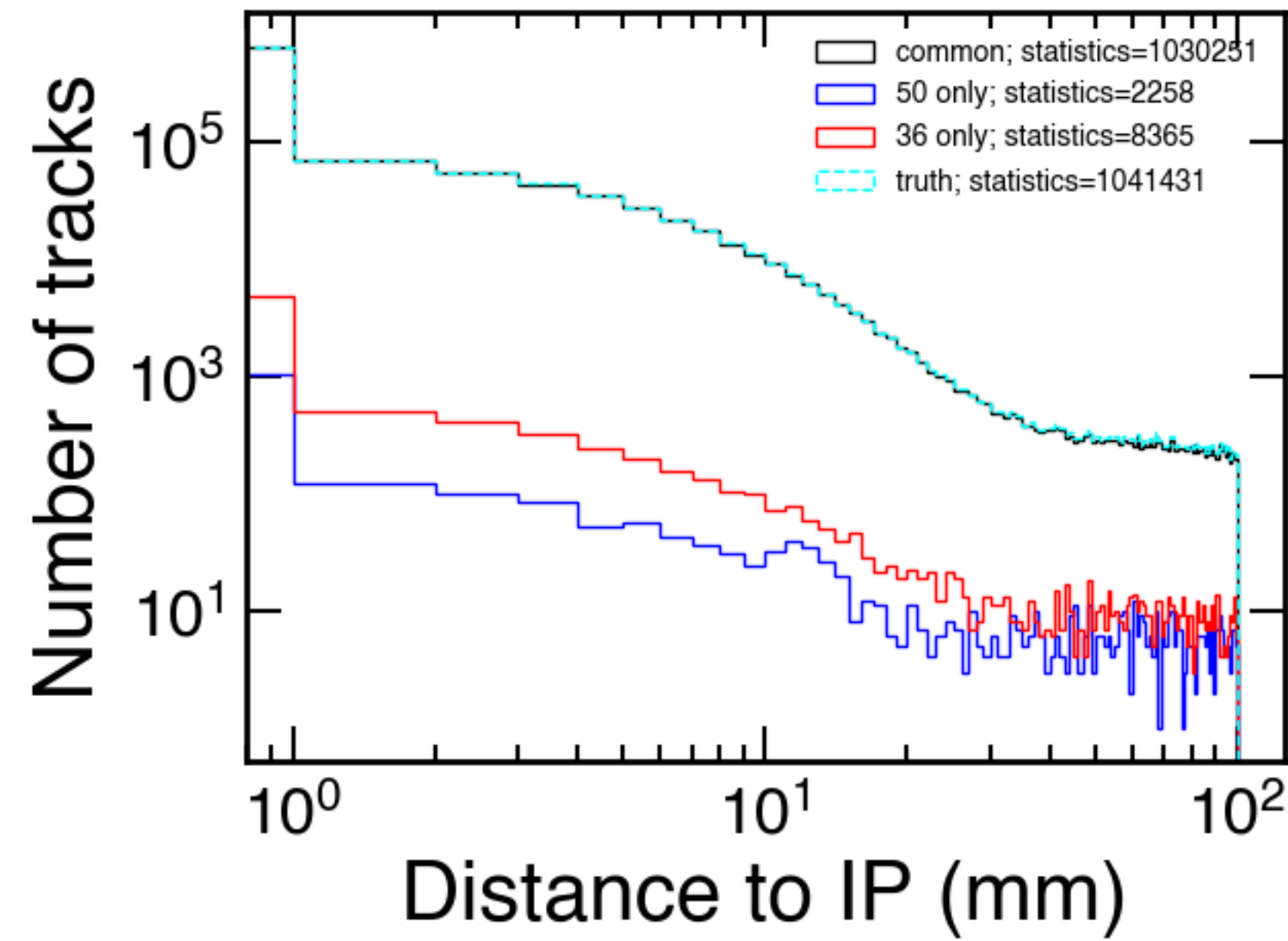
# .2% trk. eff. loss

|                             | 25.5.0   | 25.3.6   |                             |
|-----------------------------|----------|----------|-----------------------------|
| Nevent                      | 39400    | 39400    | start from the same stdhep  |
| Nmcp                        | 15722030 | 15814160 | -, 92130                    |
| Nmcp0: created in sim.      | 7106116  | 7198246  | -, 92130                    |
| Nmcp1: stable               | 4083403  | 4083403  | starting point of trk. eff. |
| Nmcp2: media                | 4532511  | 4532511  |                             |
|                             |          |          |                             |
| Nmcp1 + charged             | 1875046  | 1875046  |                             |
| Nmcp1 + charged + undecayed | 1668328  | 1648839  | -, 19489                    |

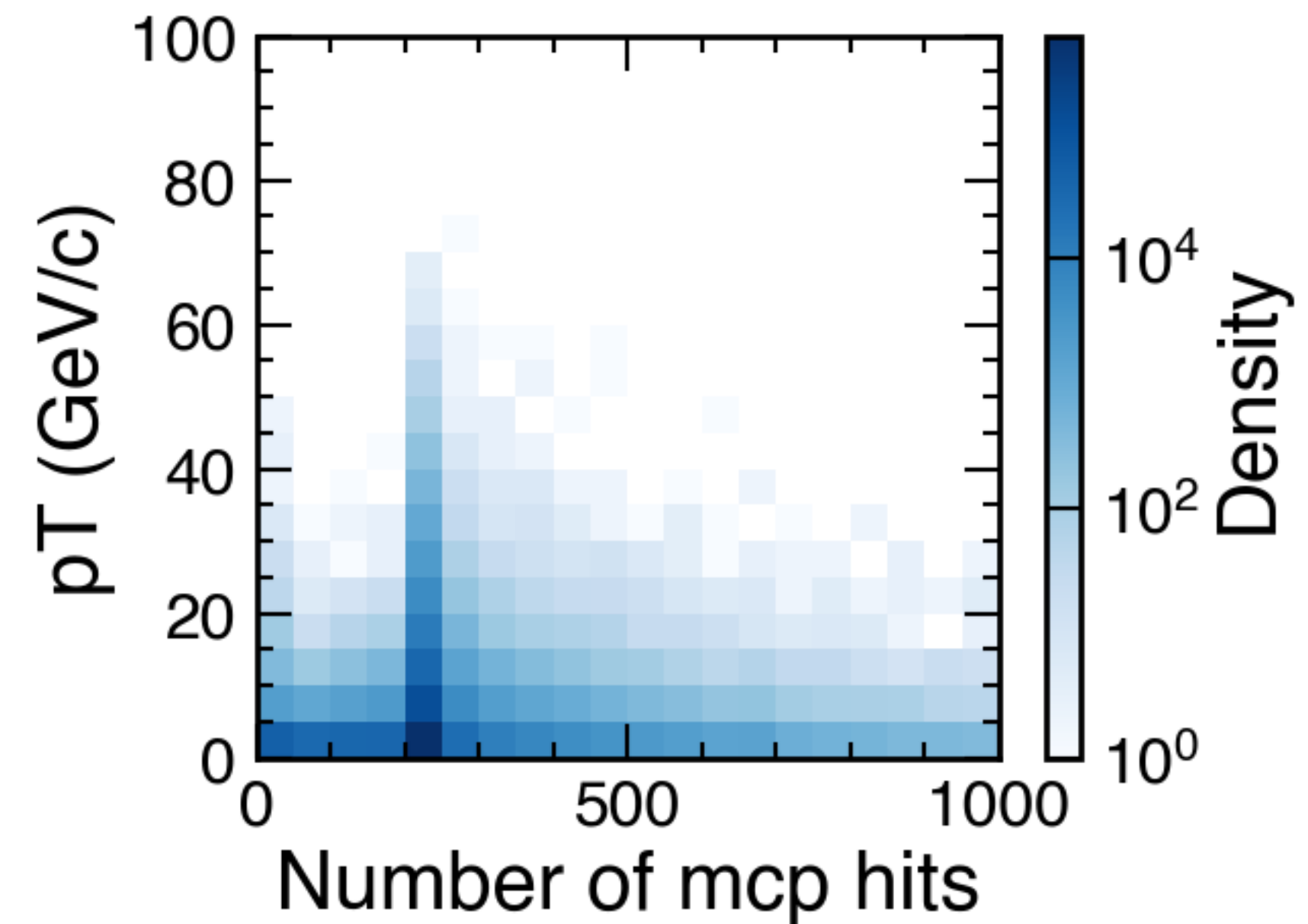
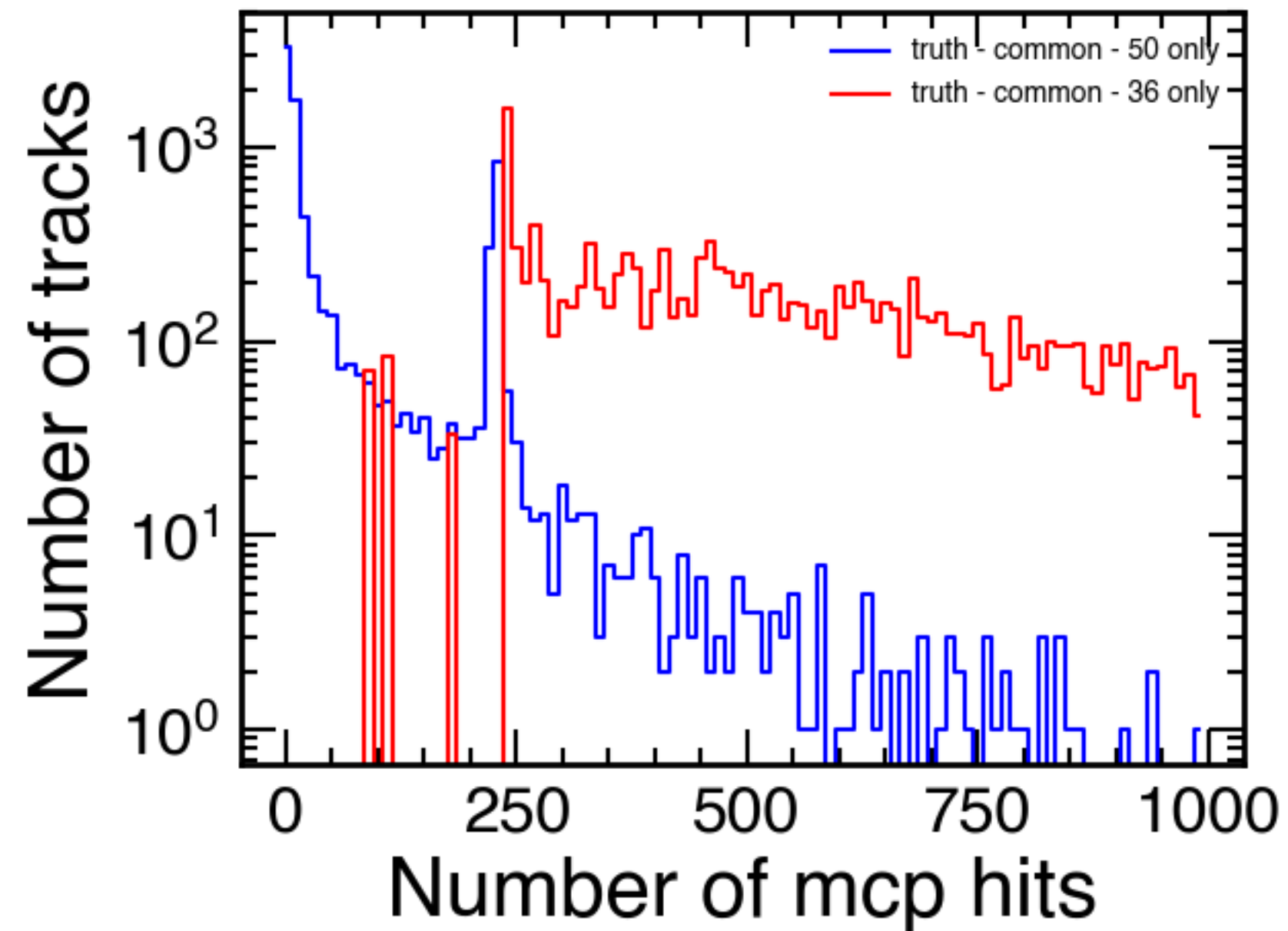
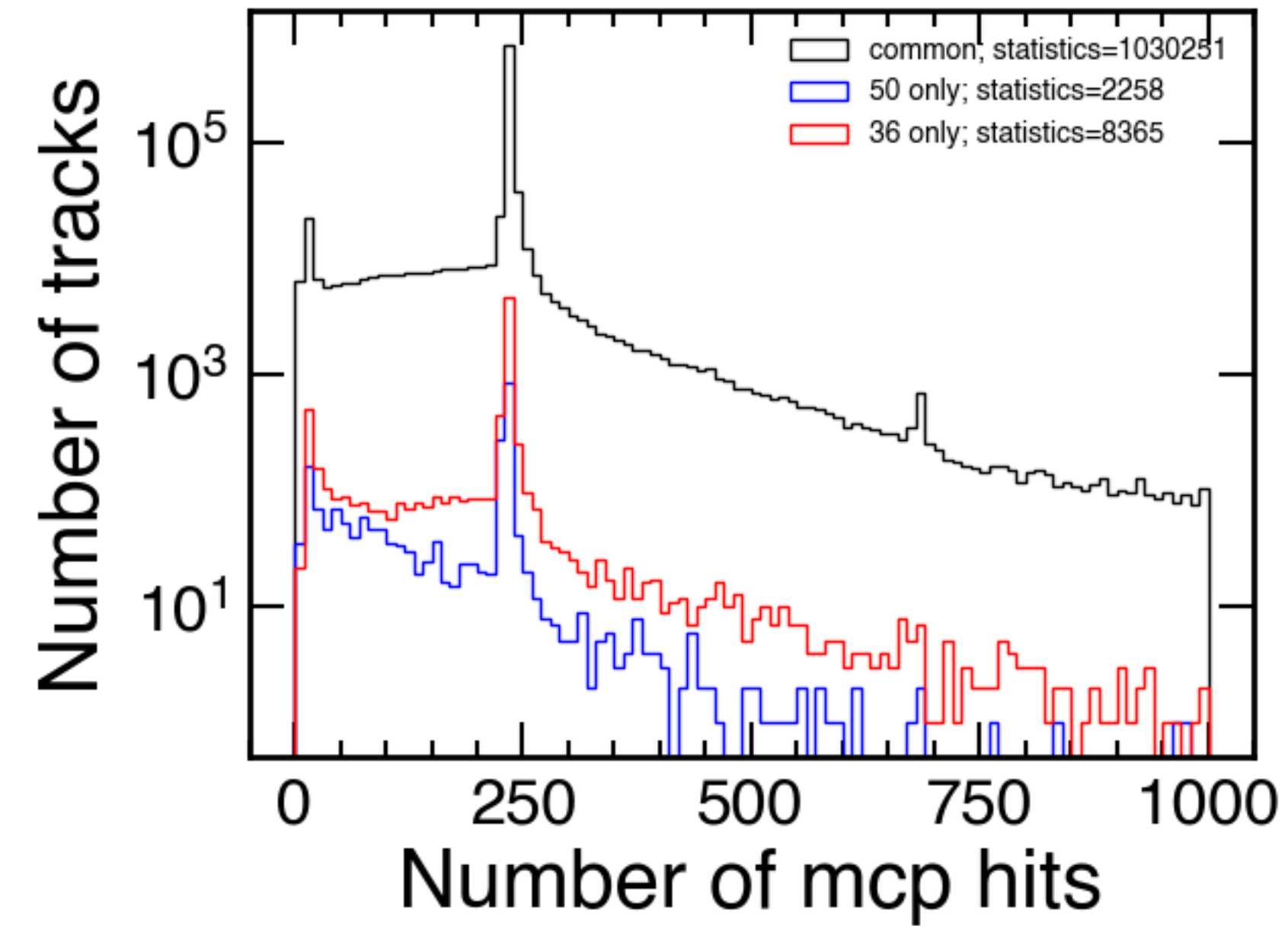
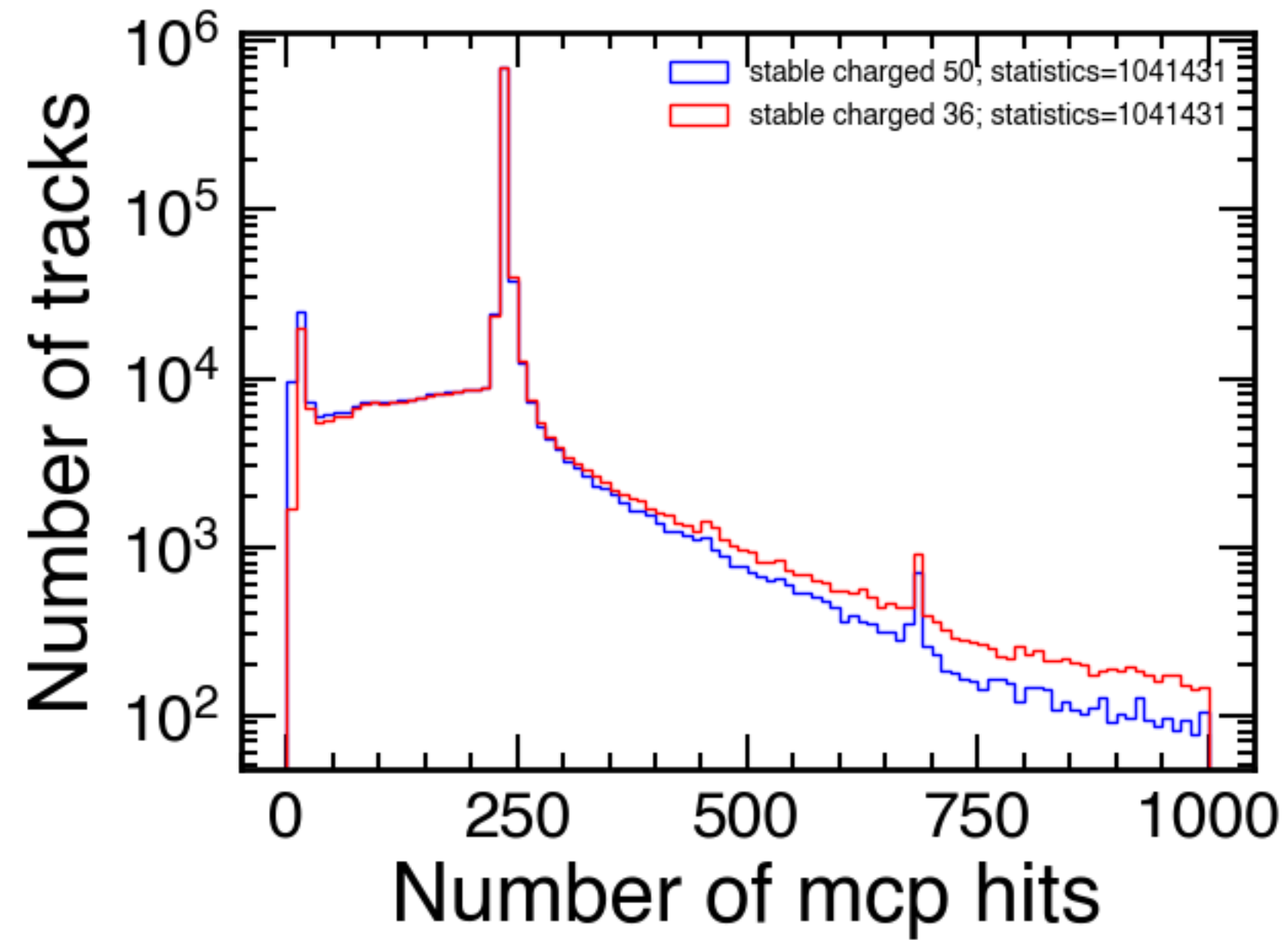
# .2% trk. eff. loss

|  | 25.5.0  | 25.3.6  |                   |
|--|---------|---------|-------------------|
| Nmcp1 + charged  | 1875046 | 1875046 |                   |
| Nmcp1 + charged + undecayed  | 1668328 | 1648839 | -, 19489          |
| Nmcp + charged + undecayed + $p > 1 + D < 100 +  \cos\theta  < 0.99$ | 1076972 | 1069761 | -, 7211           |
| + reco'd with purity > 0.8   | 1071496 | 1067233 | 99.49%, 99.76%    |
| purity > 0.9   | 1067746 | 1066880 | 99.14%, 99.73%    |
|  |         |         |                   |
| Nmcp + charged + undecayed + $p > 1 + D < 100 +  \cos\theta  < 0.99$ | 1041431 | 1041431 | undecayed in both |
| purity > 0.9   | 1032509 | 1038616 | 99.1%, 99.7%      |
| 5.0 Only   3.6 Only   Common   | 2258    | 8365    | 1030251           |

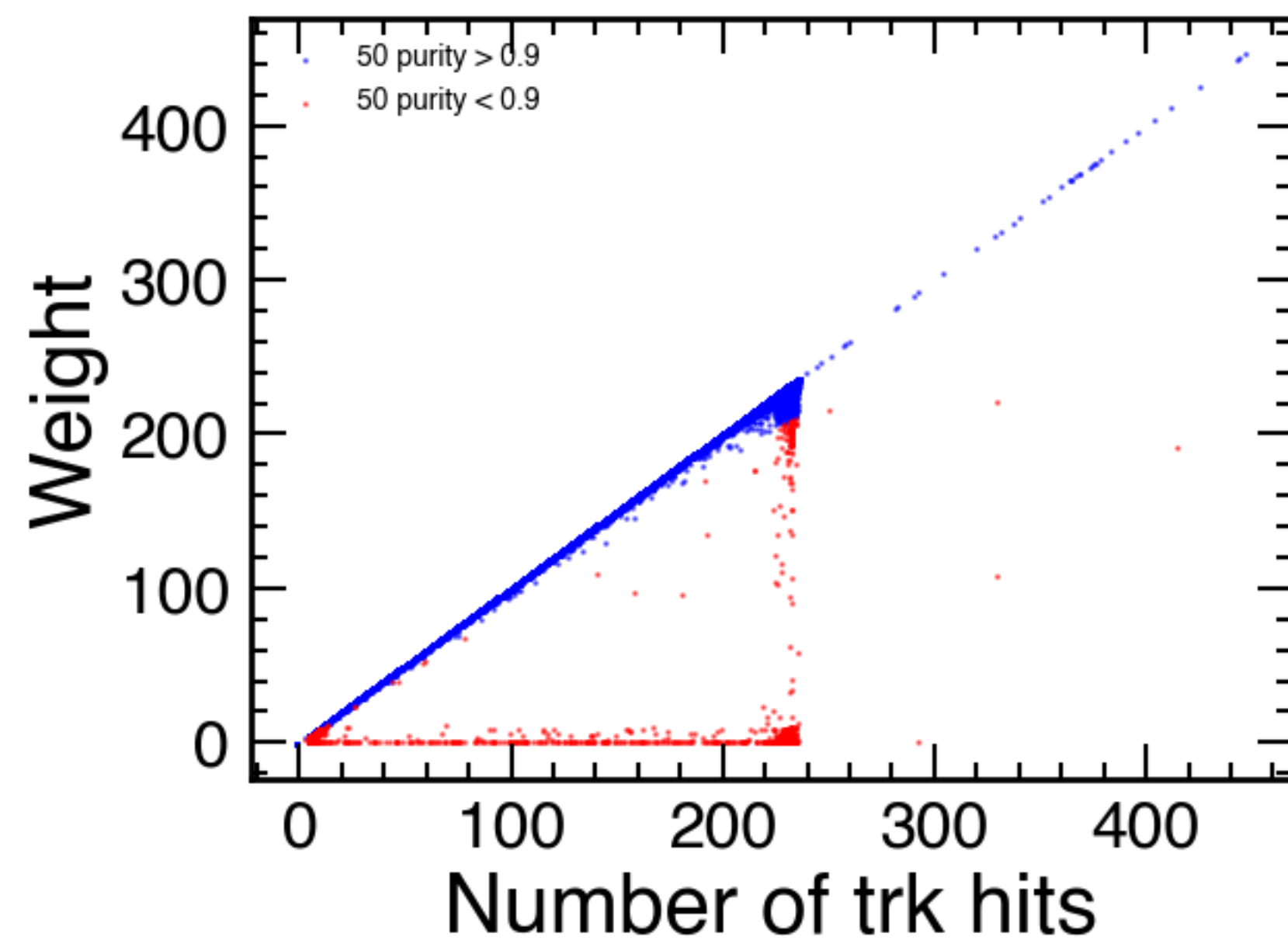
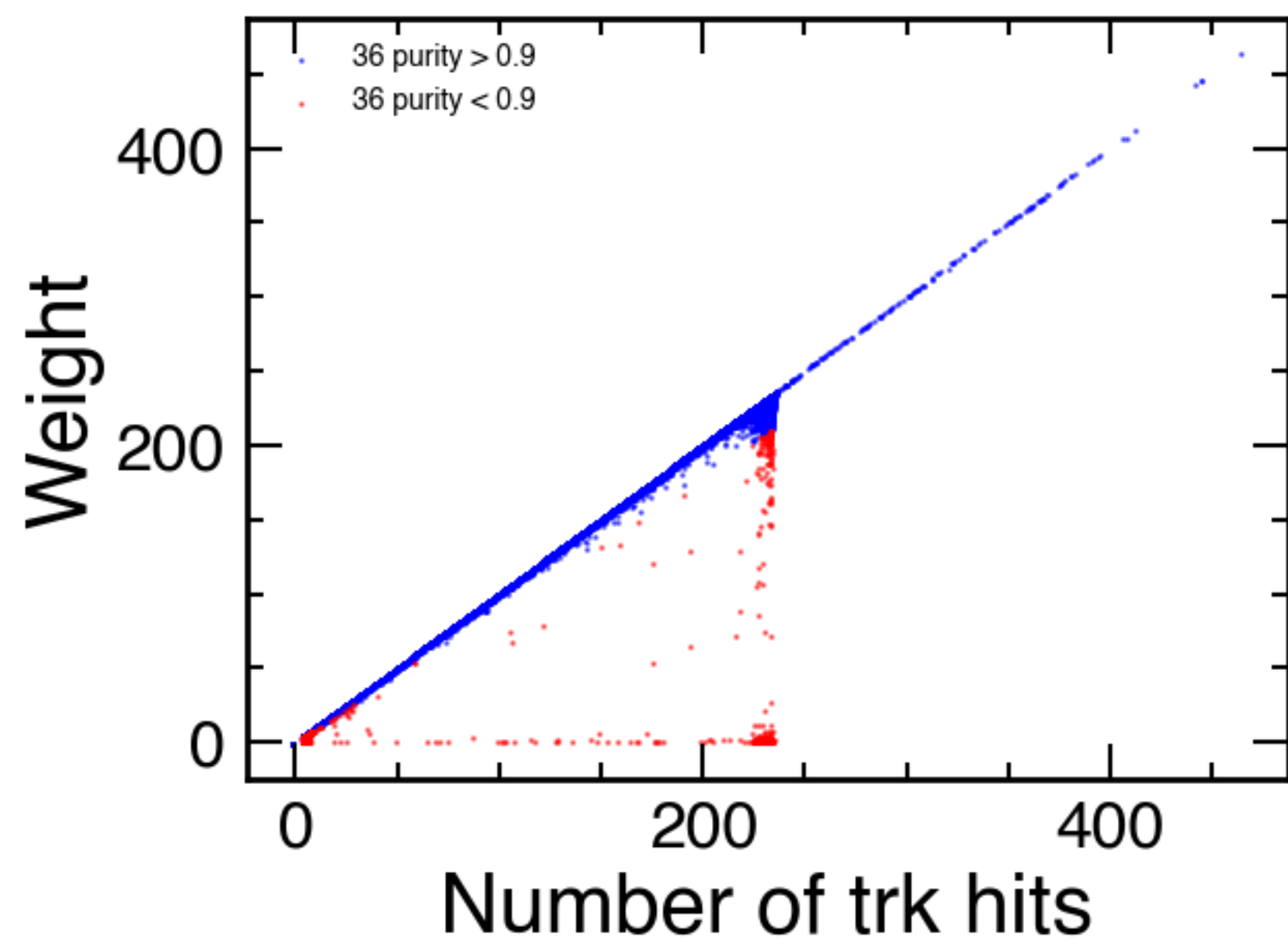
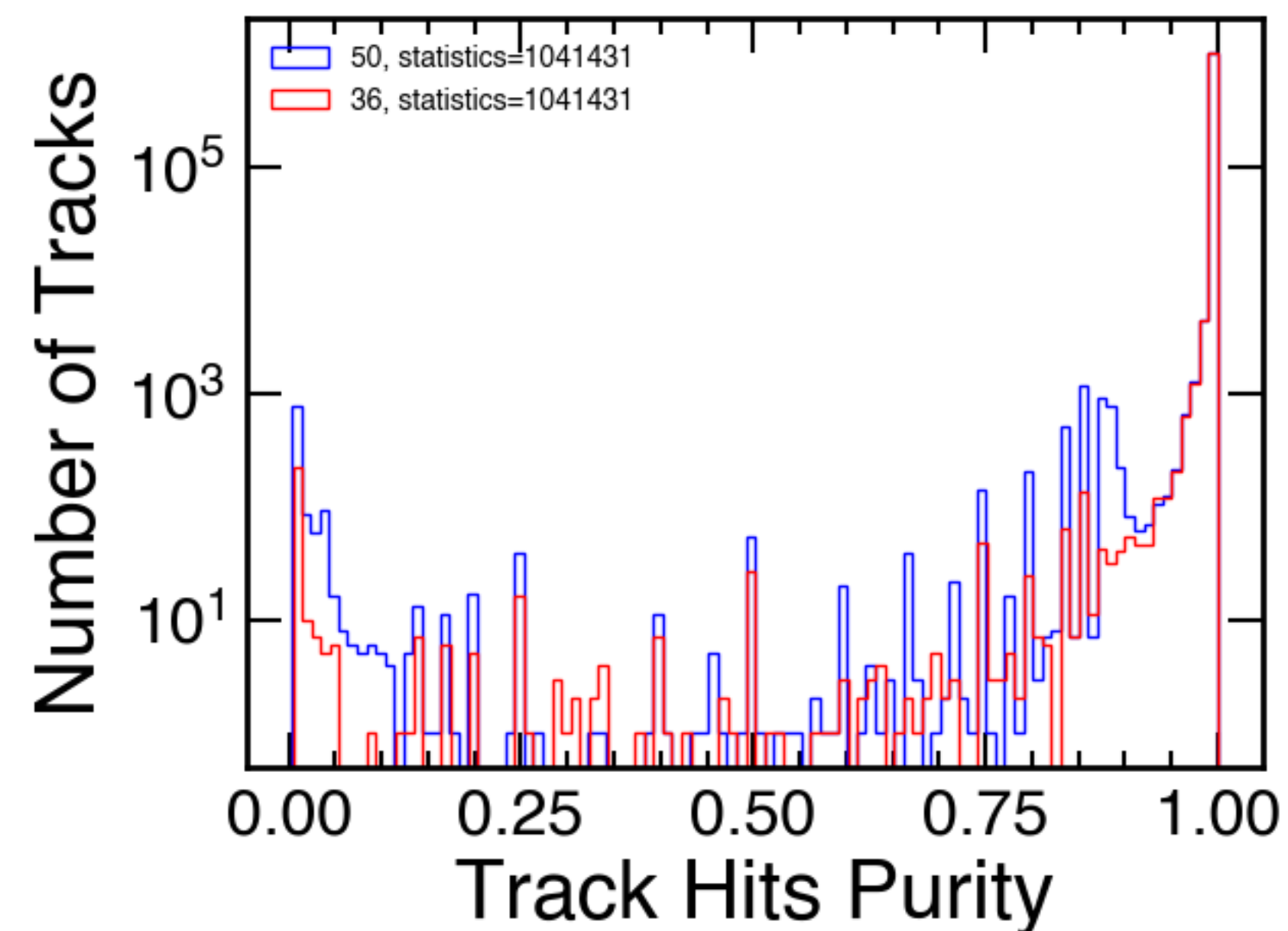
# .2% trk. eff. loss



# .2% trk. eff. loss



# .2% trk. eff. loss



|  | 50      | 36      |                   |
|--|---------|---------|-------------------|
| Nmcp + charged + undecayed + $p > 1$ + $D < 100$ + $ \cos\theta  < 0.99$ | 1041431 | 1041431 | undecayed in both |
| purity > 0.9   | 99.14%  | 99.73%  |                   |
| purity > 0.8   | 99.49%  | 99.76%  |                   |
| purity > 0   | 99.65%  | 99.81%  |                   |