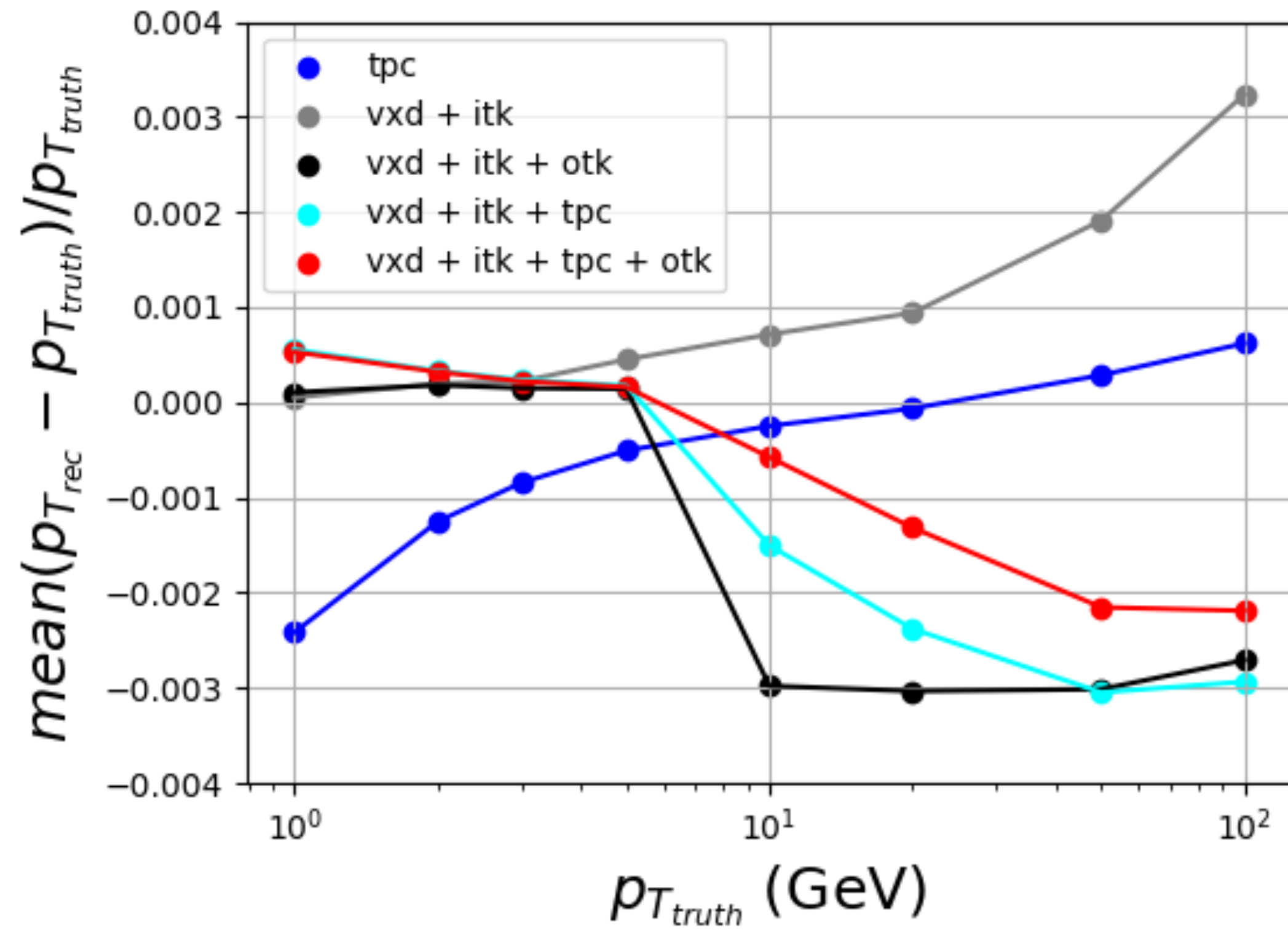# Trk, Vtx, PID

C.Zhang/02Dec2024
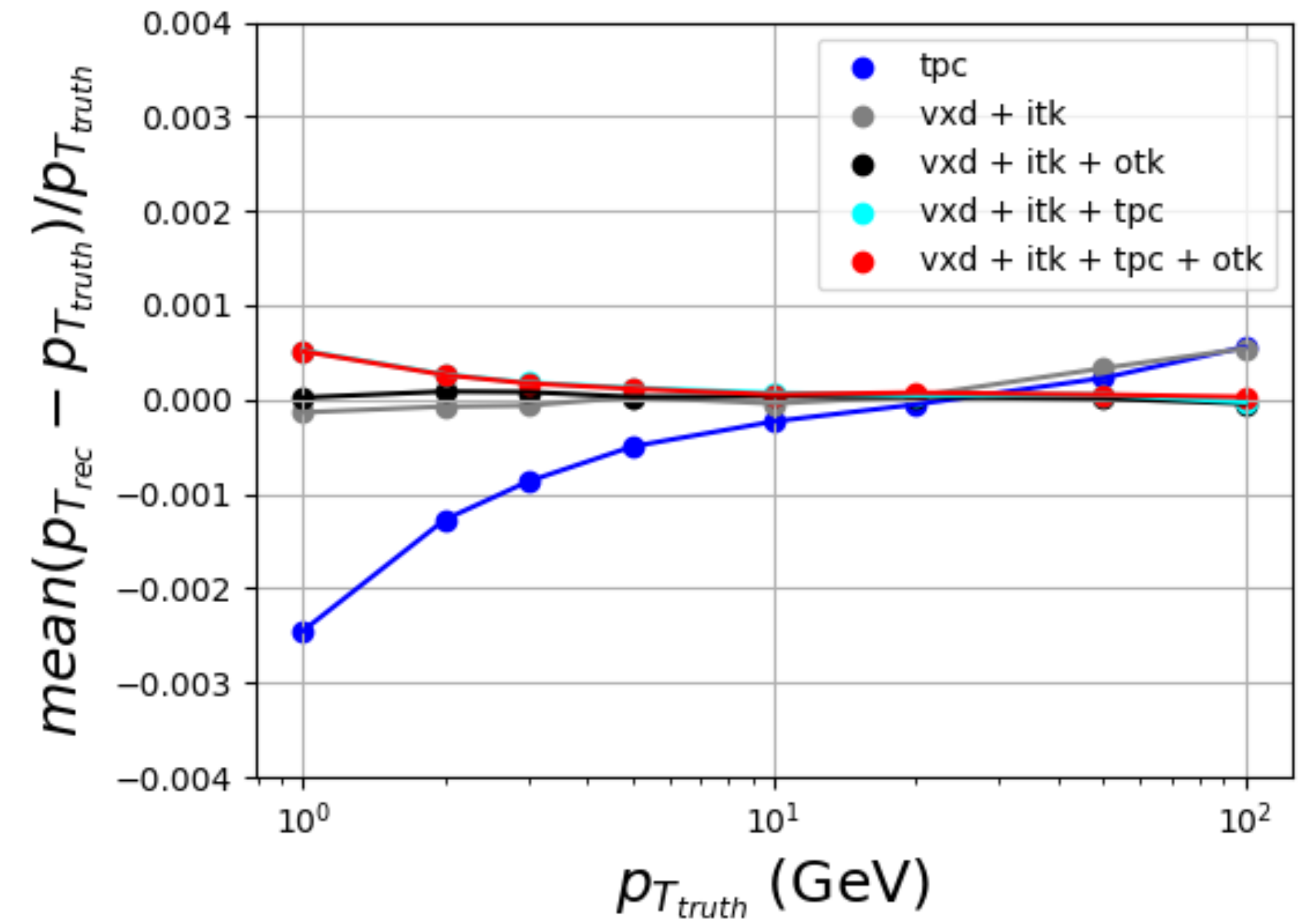
Tracking

- pT bias in high pT region eliminates a lot
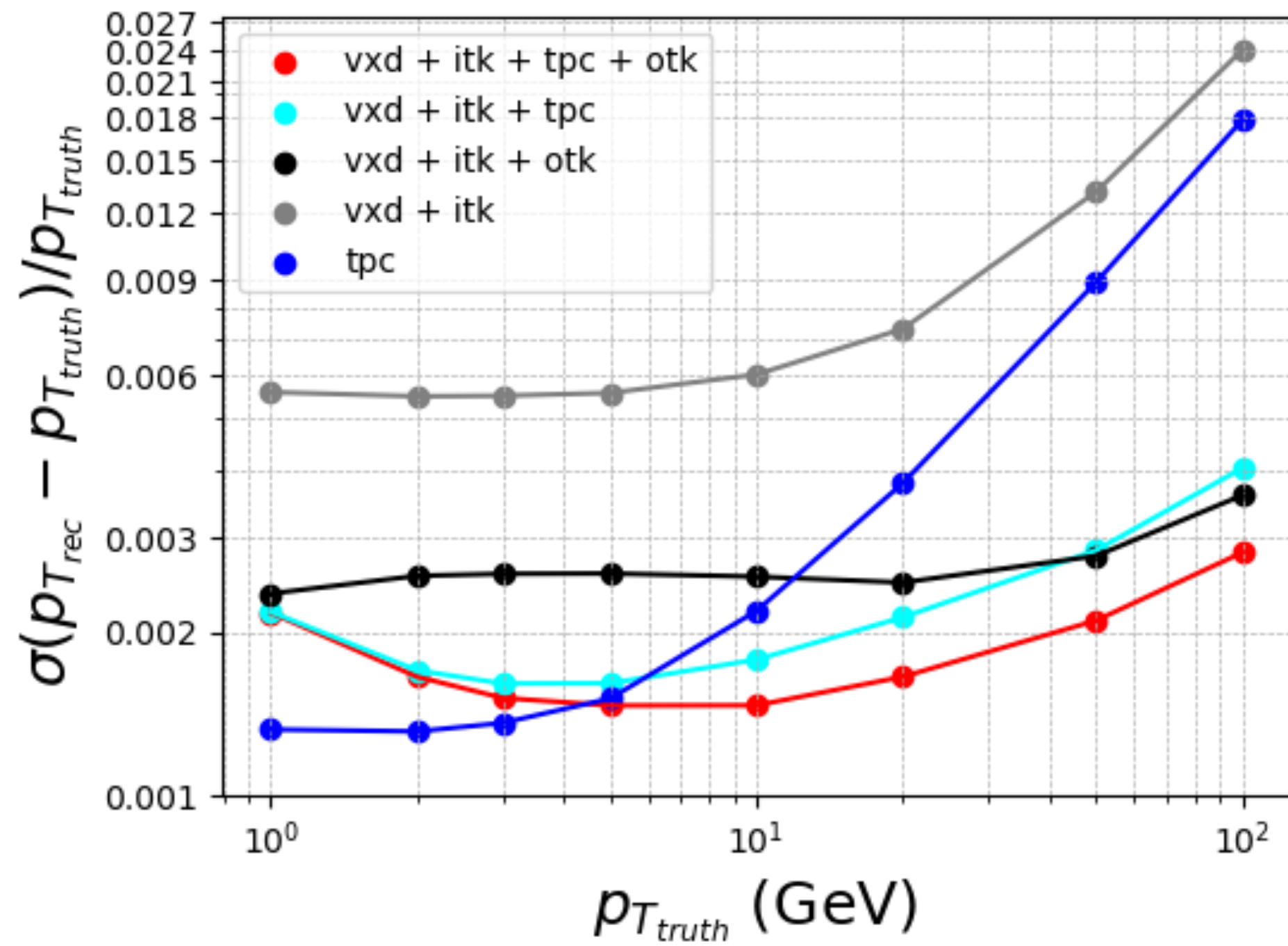
tdr24.10.0

master branch (28Nov)

Tracking

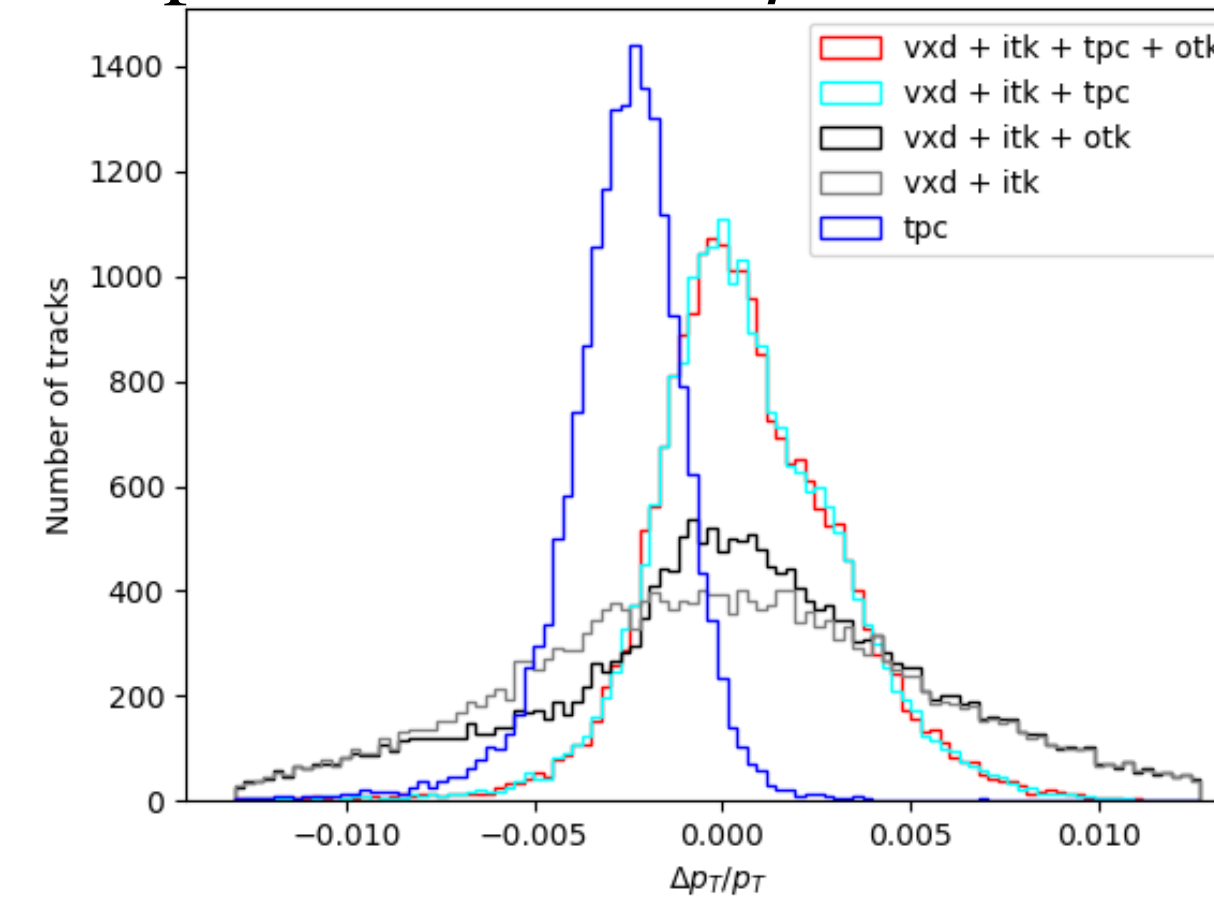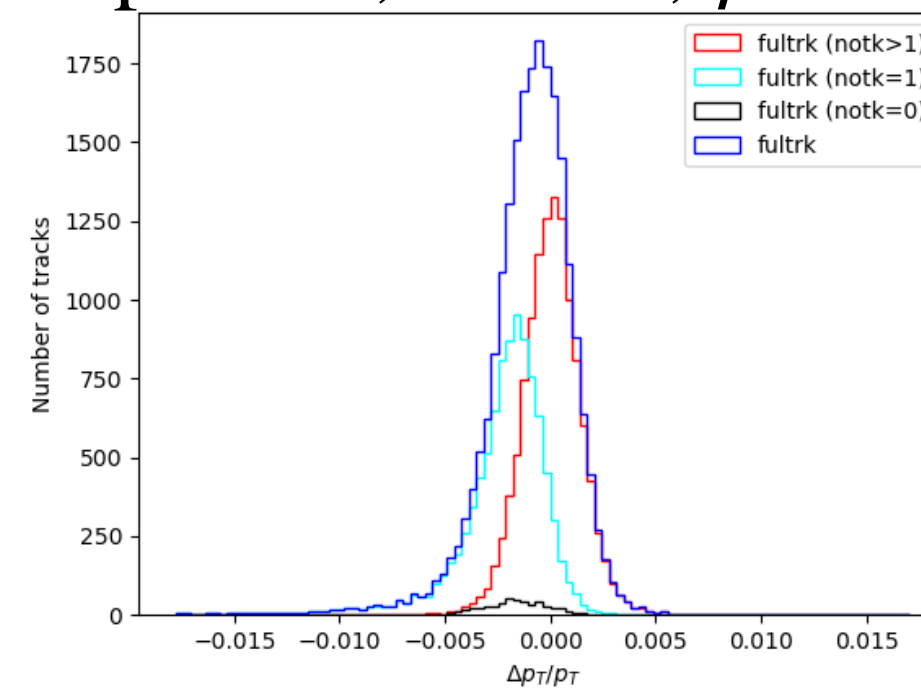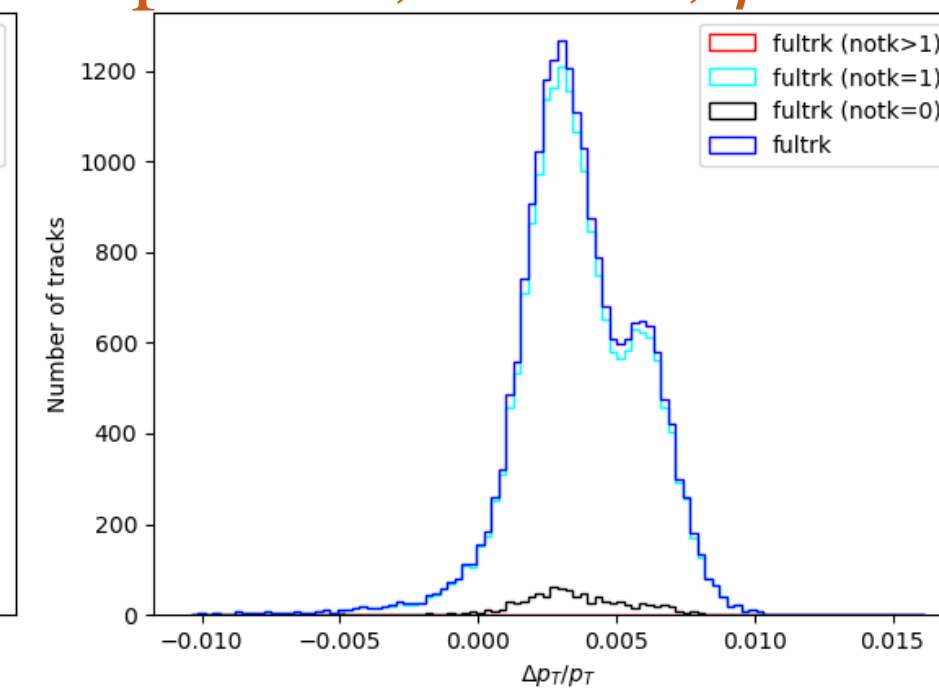- pT resolution issue in low pT region is still present

master branch (28Nov)

Vertex with ACTS

PID

K/pi/proton pT distributions @ Z → qq

To confirm this ratio

Kaon: 42262

Pion: 351647

Proton: 17940
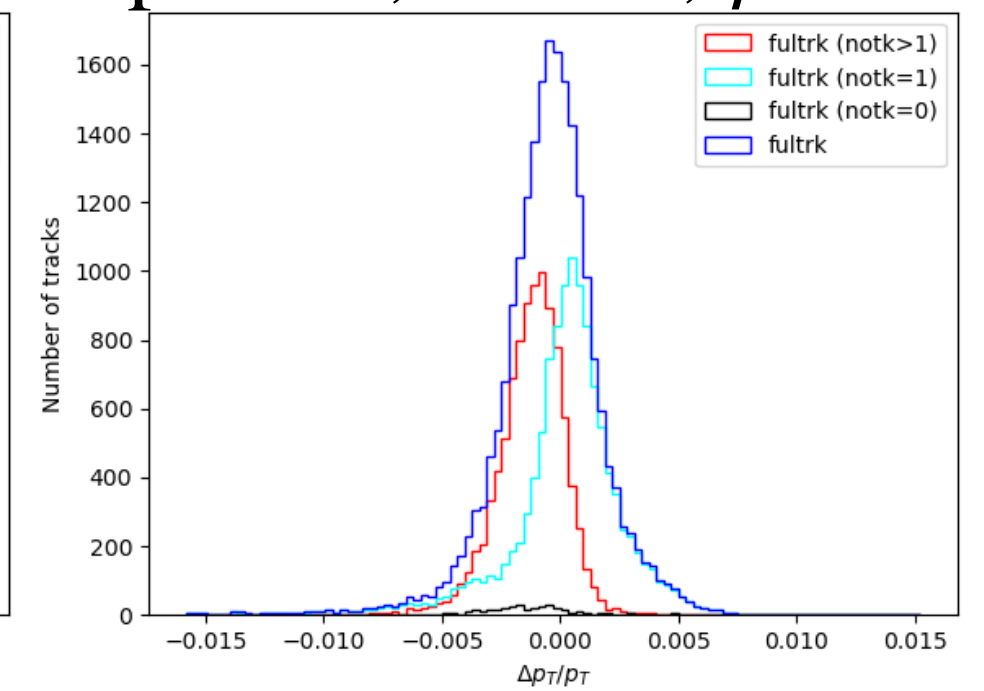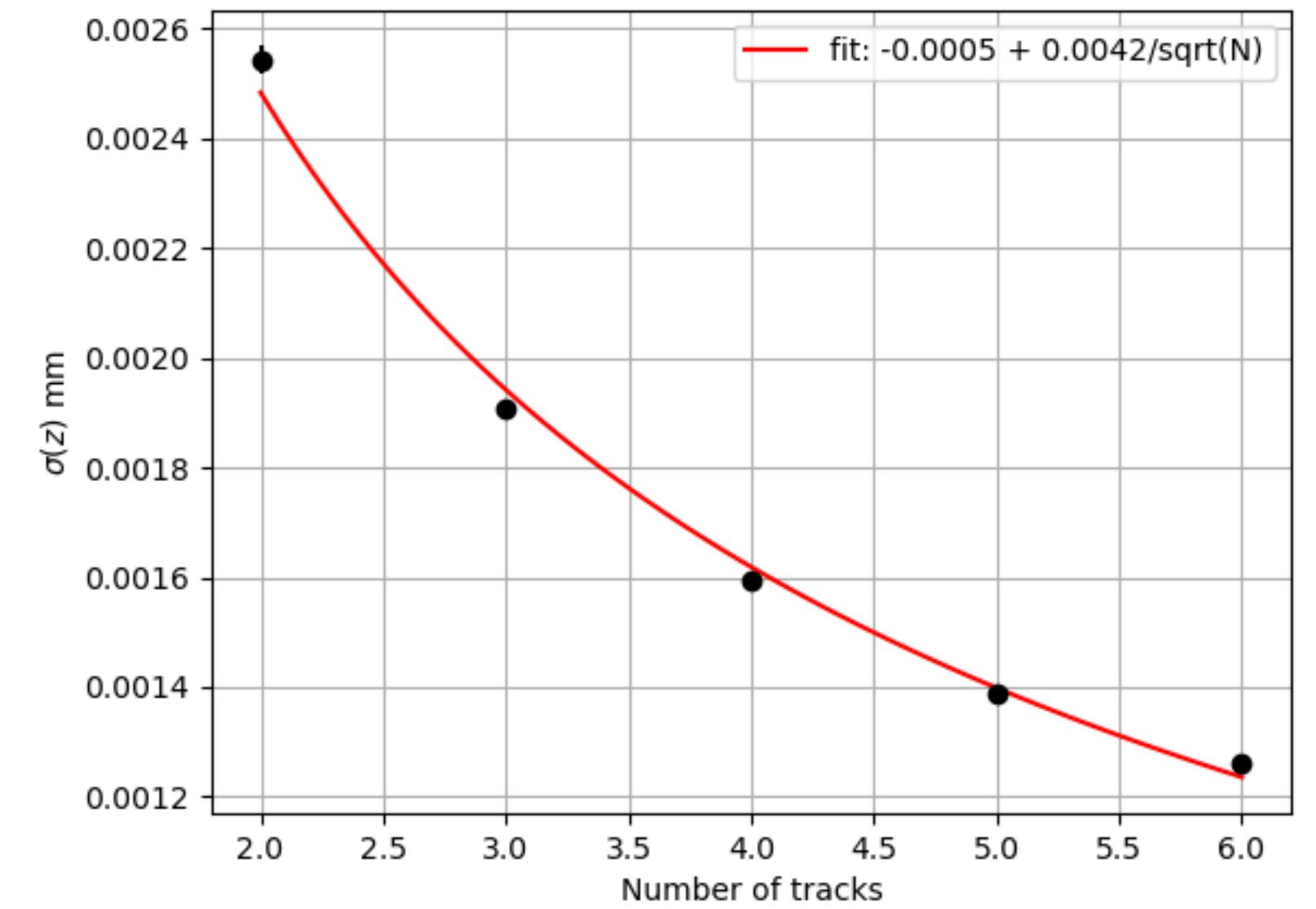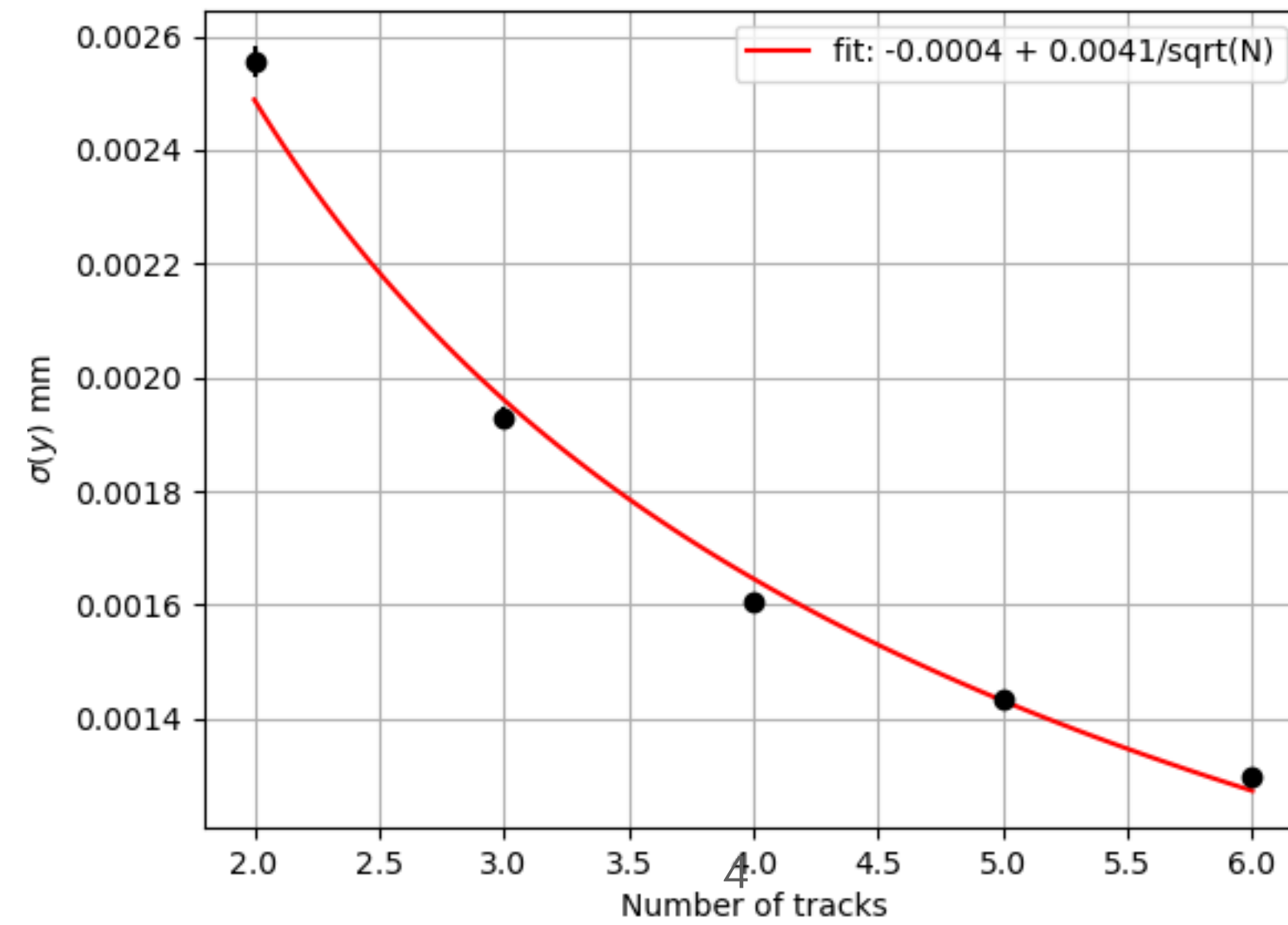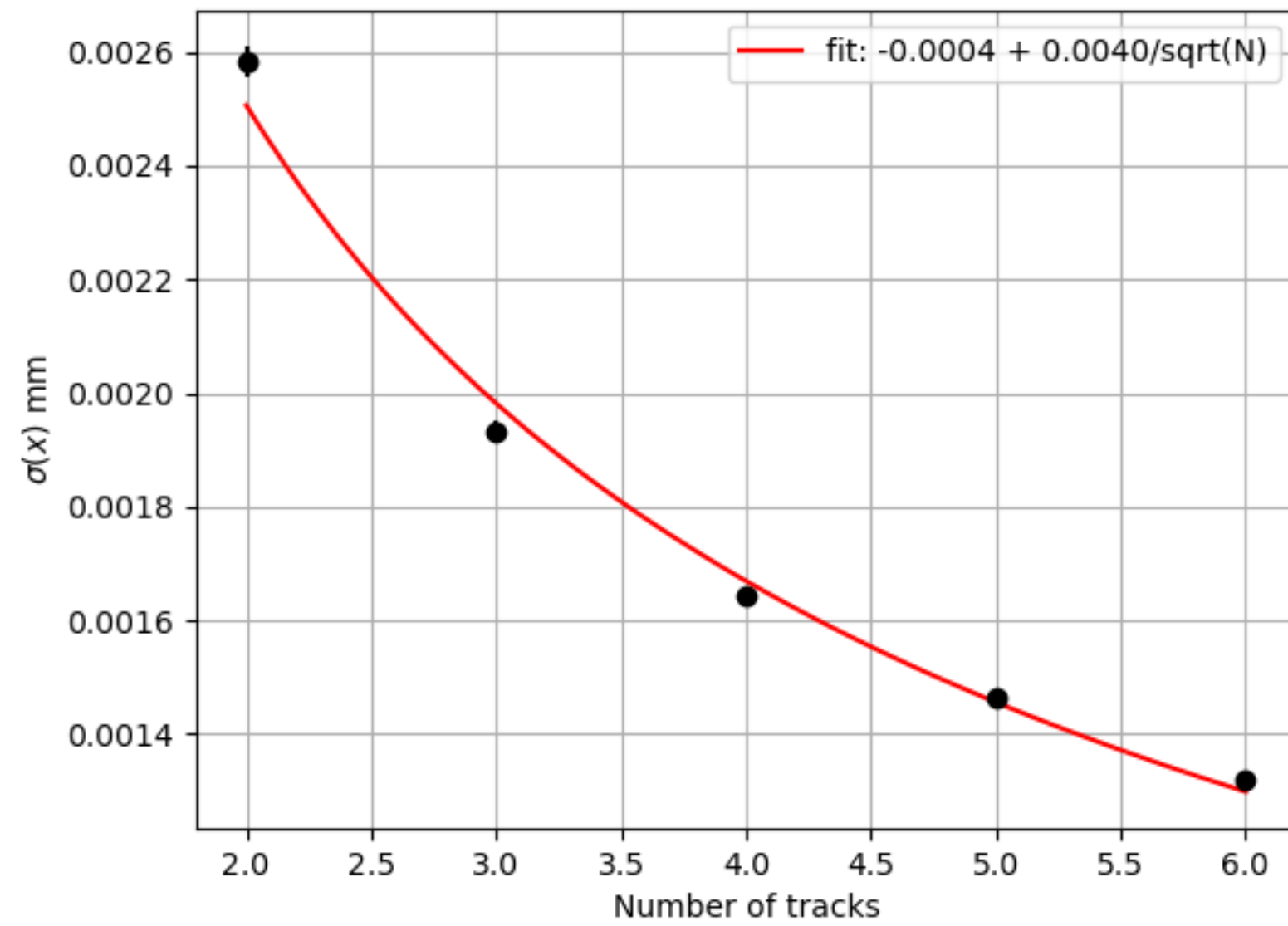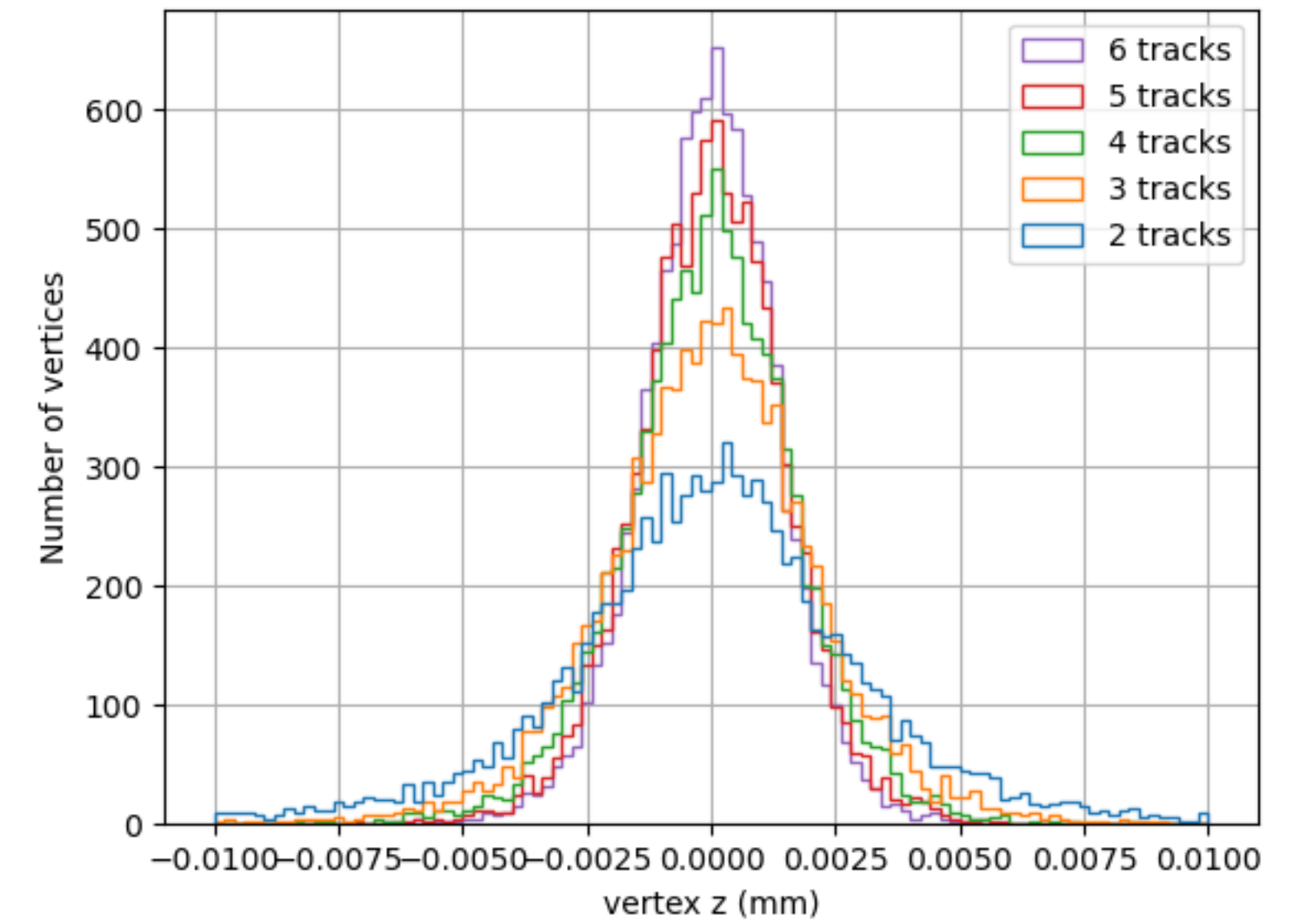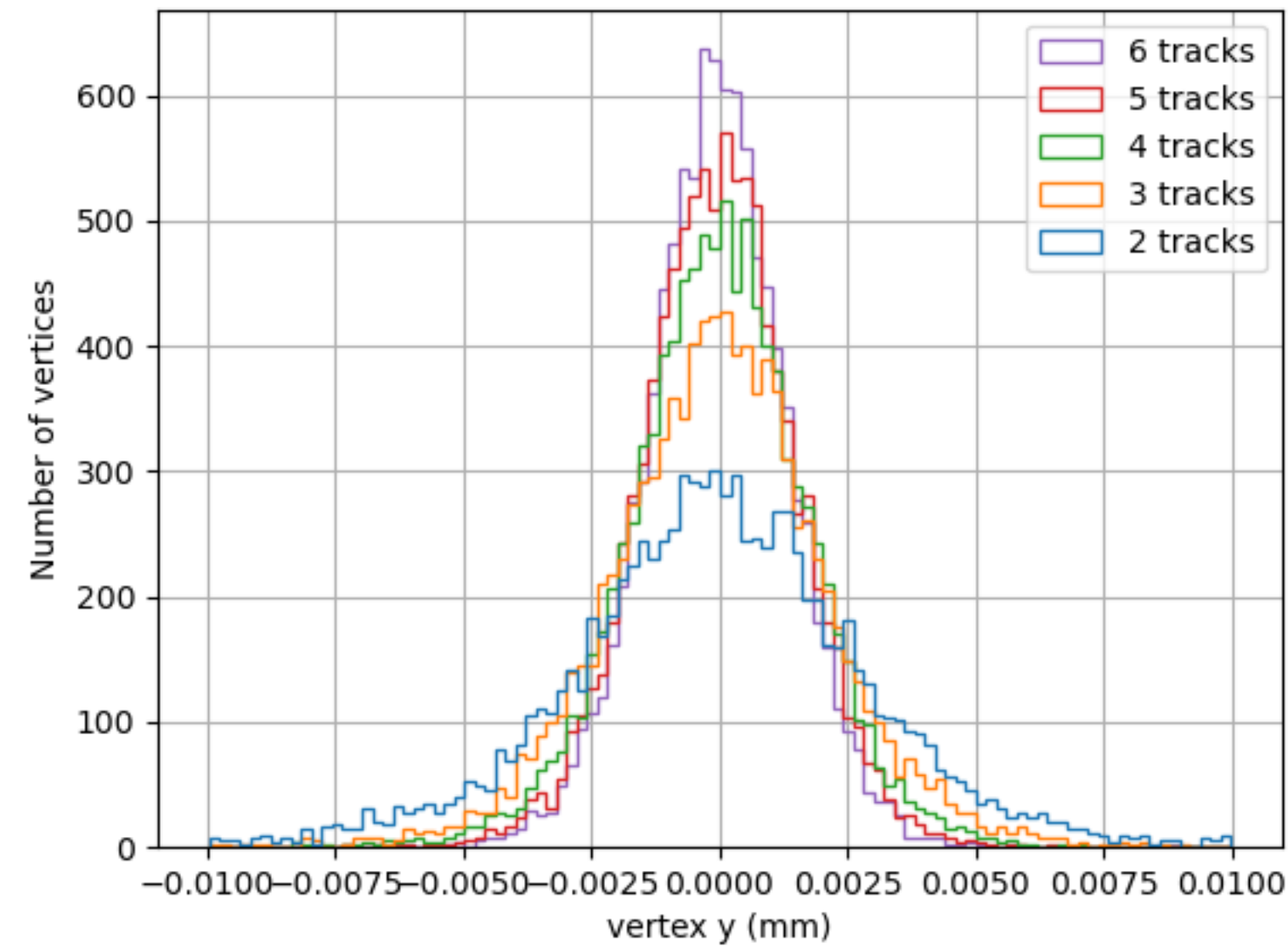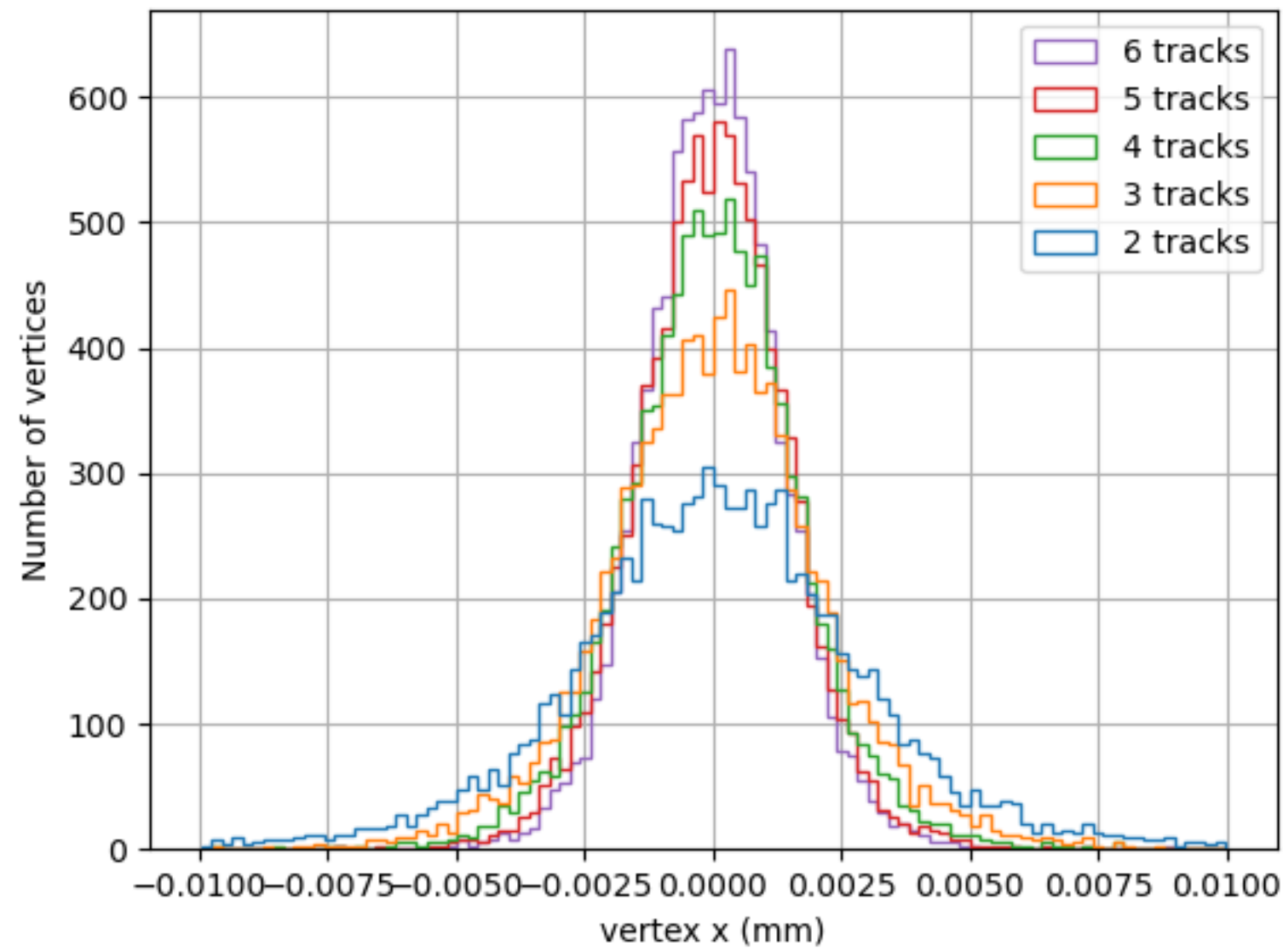
- dNdx, dEdx optimisation, Guang Zhao

- Switch to PID performance on physics processes,
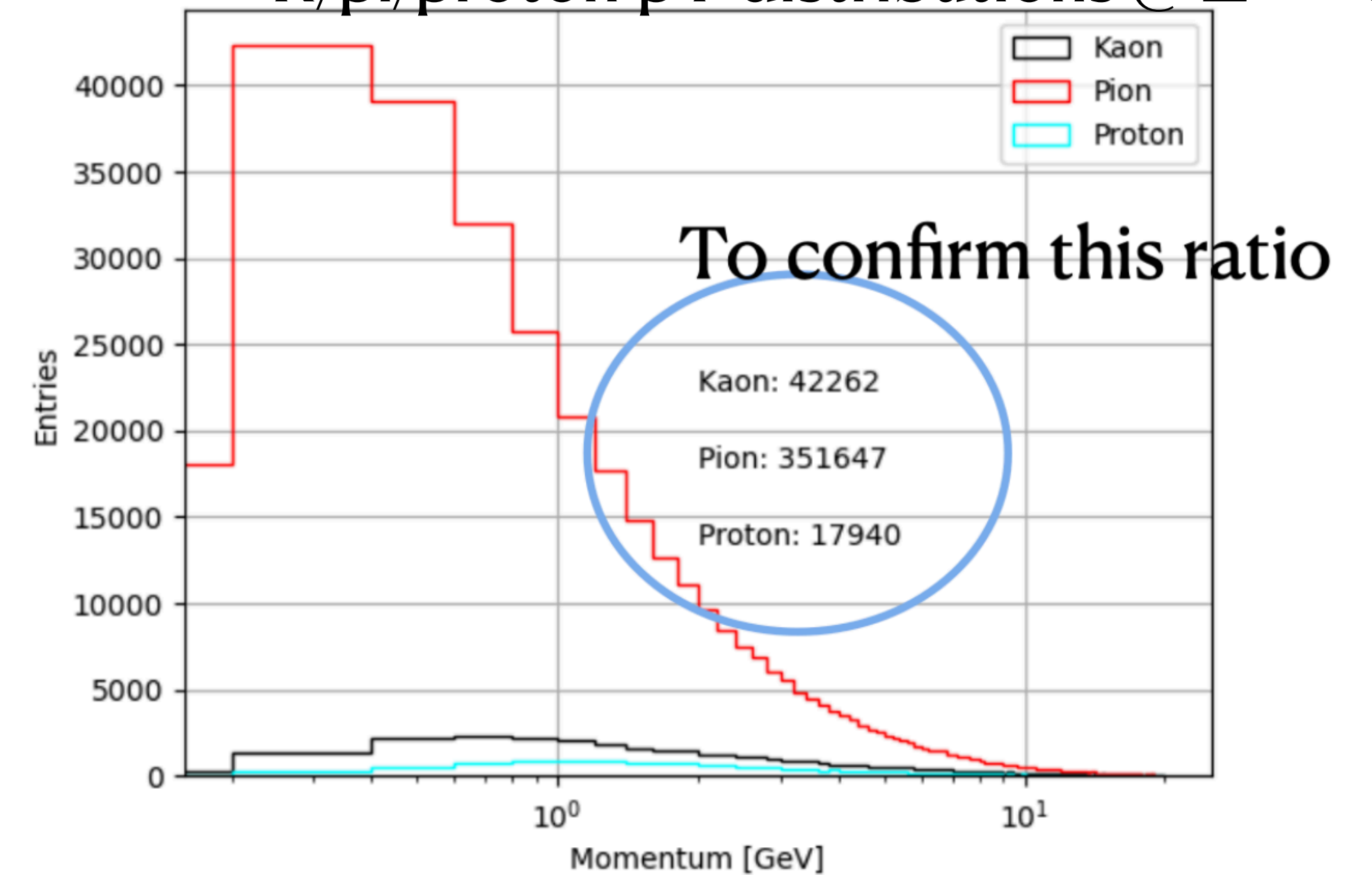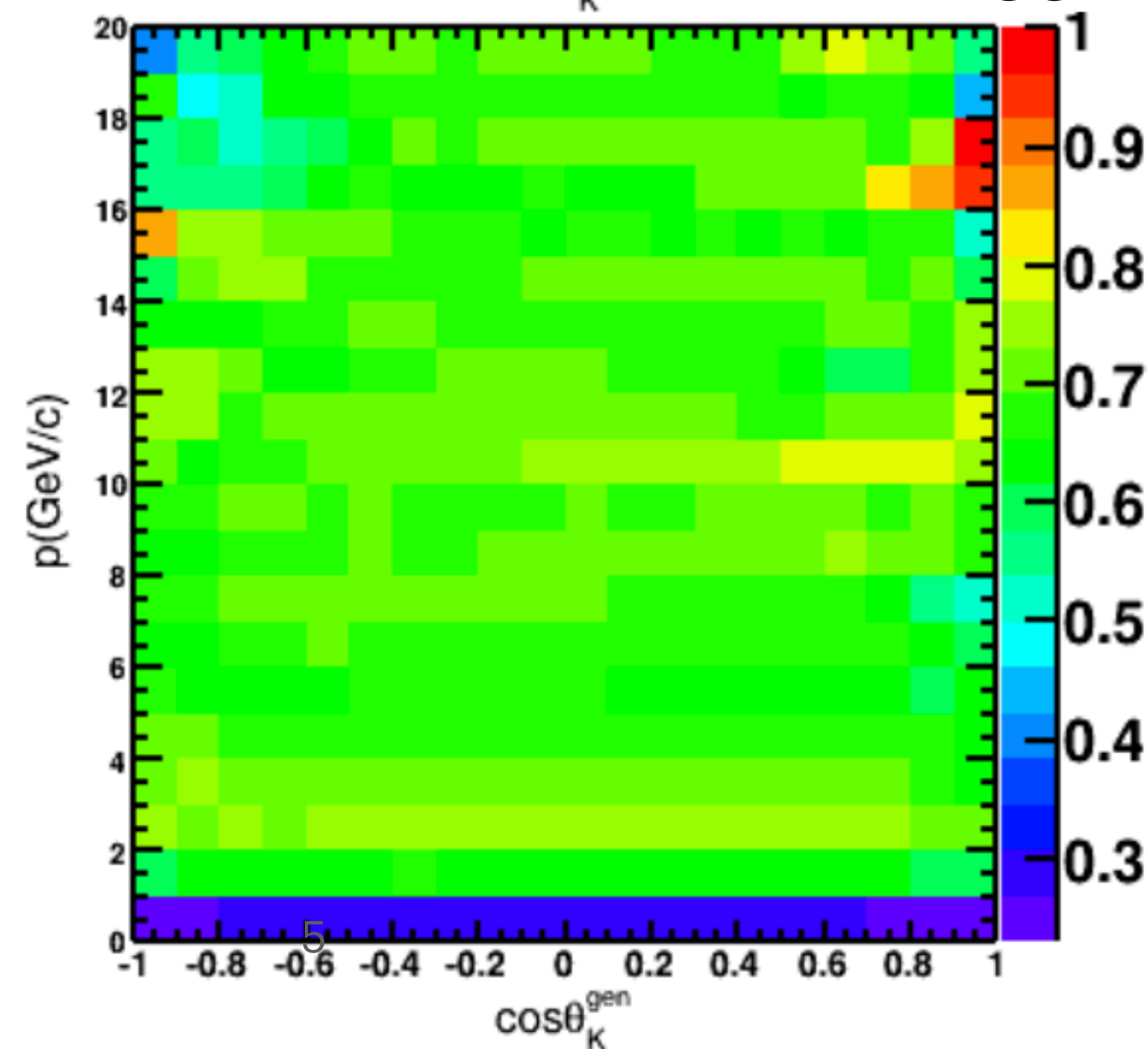 Z and H → qq

- Code for connecting PID and PFO has been developed, under testing...

From Xiaotian Ma

Kaon efficiency @ H → gg

Kaon purity @ H → gg