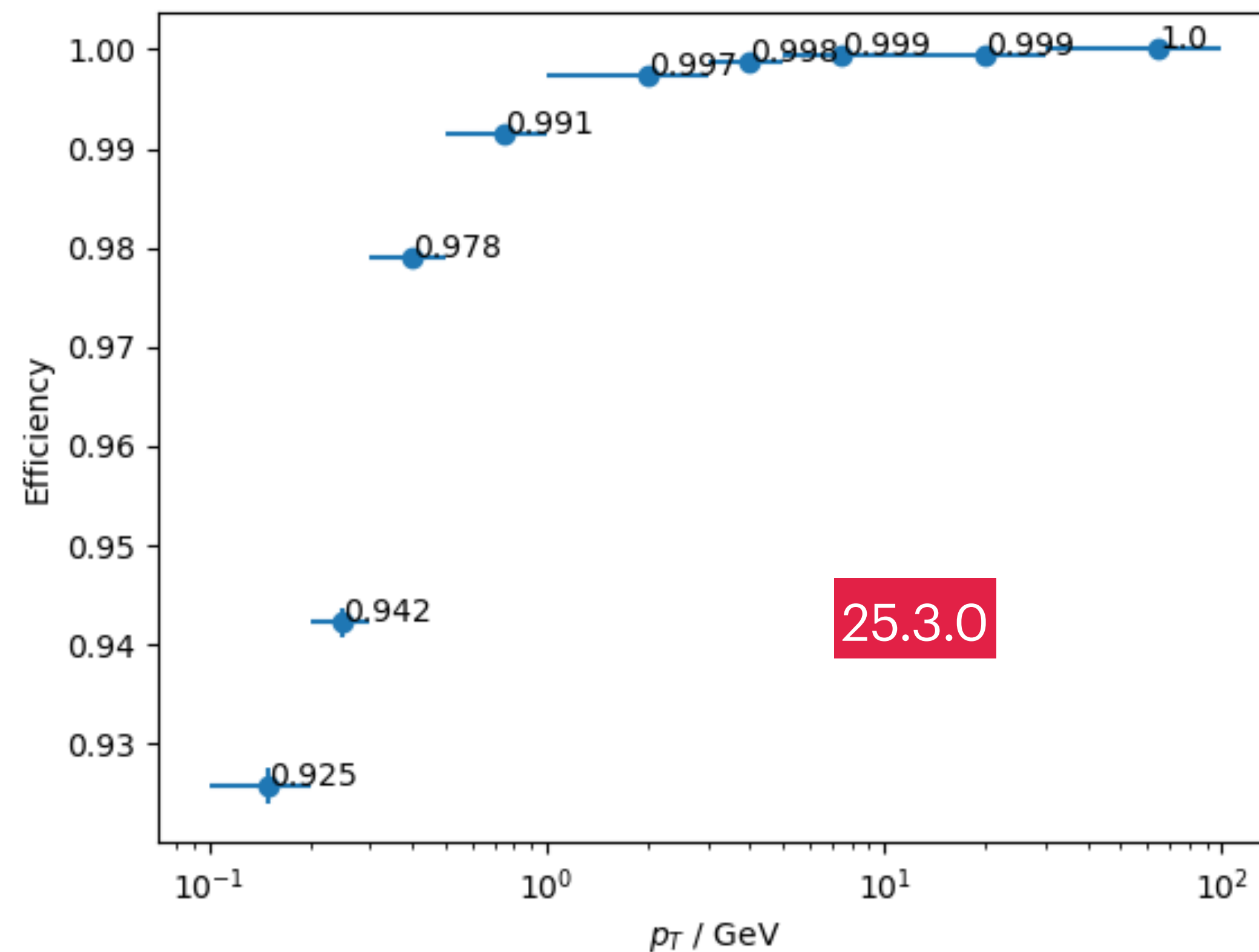
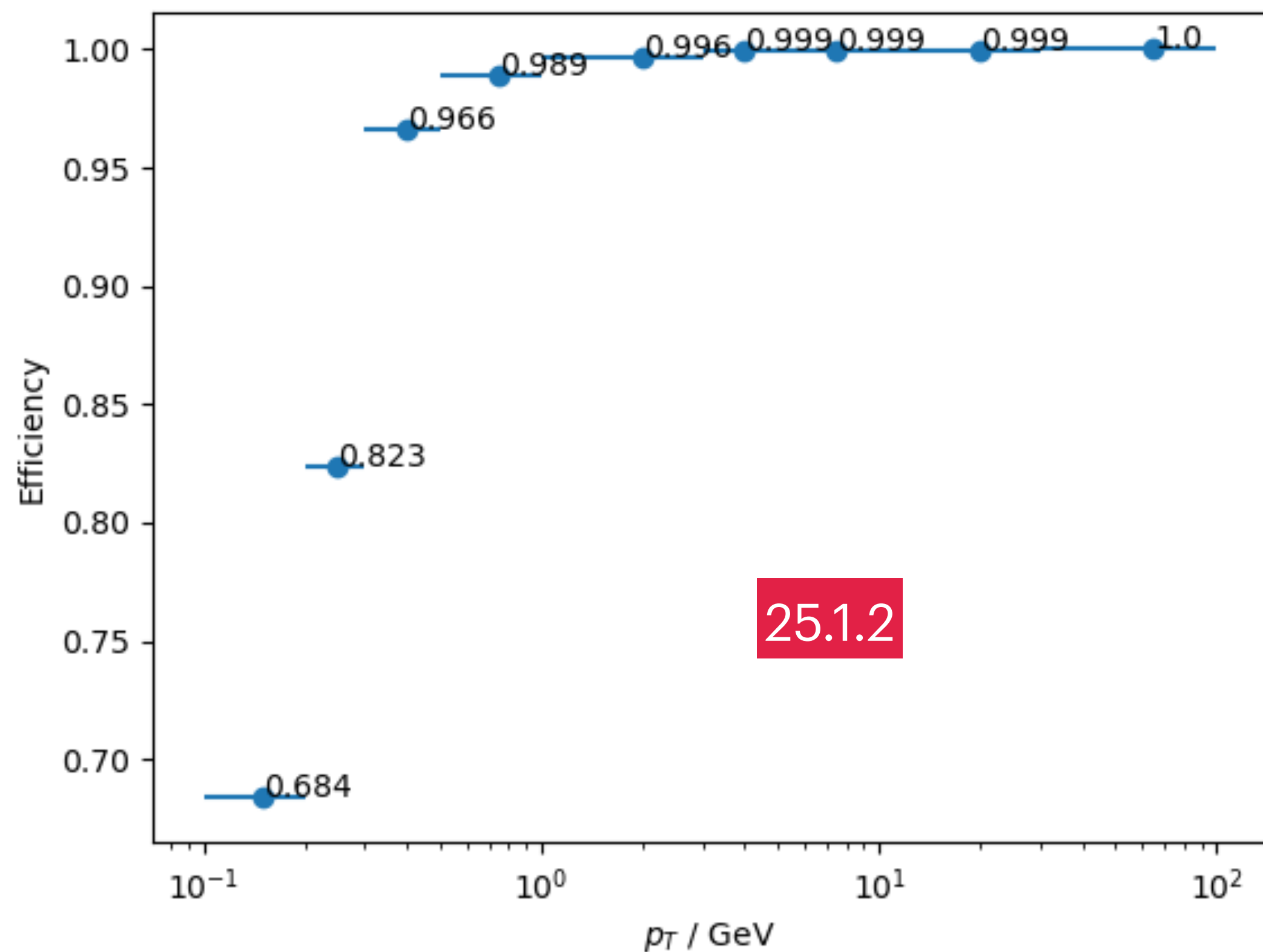


25.3.0 release validation for TRK, PID

C.Zhang/05Mar2025

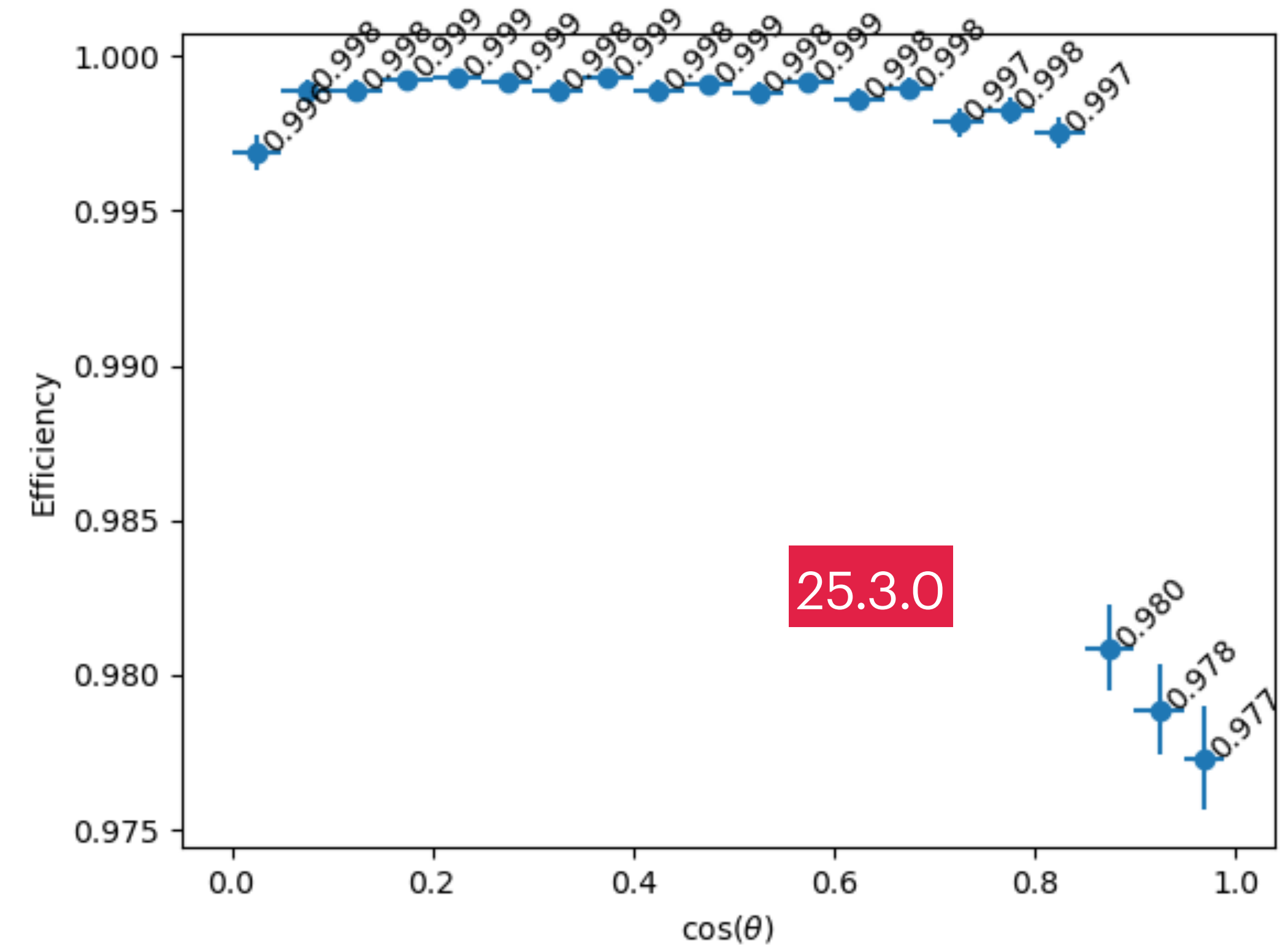
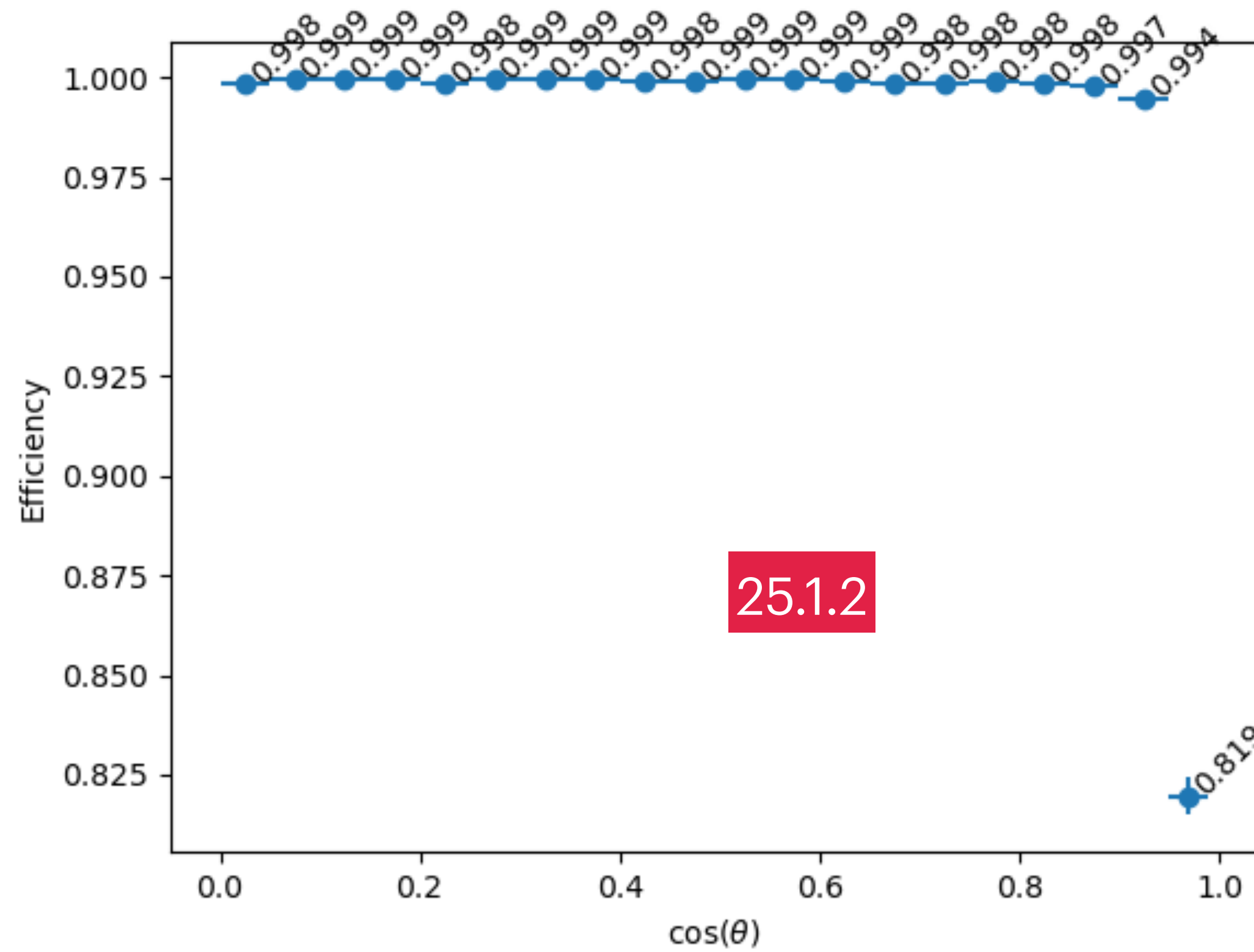
Tracking Efficiency

- New nnHbb sample from Kali



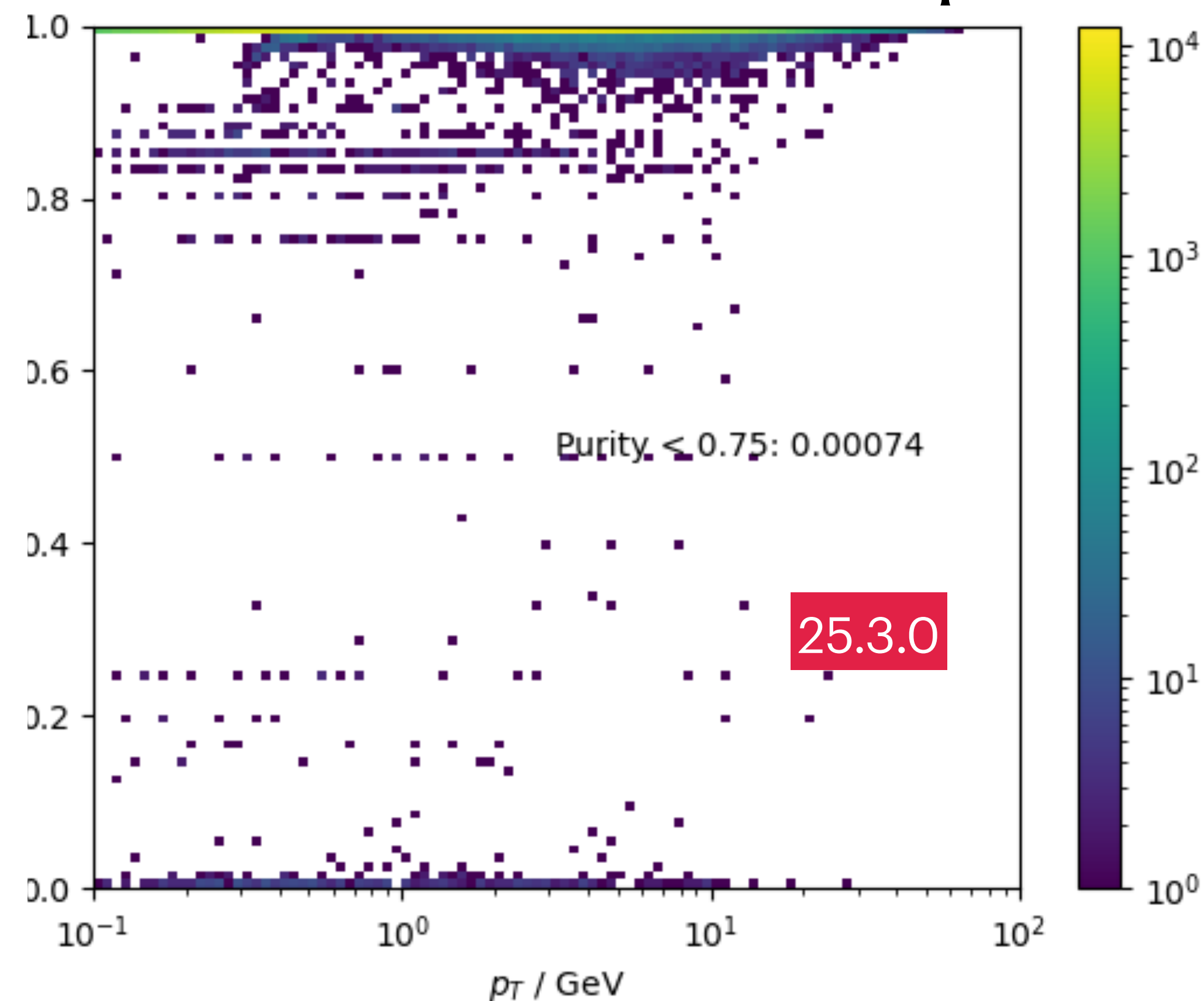
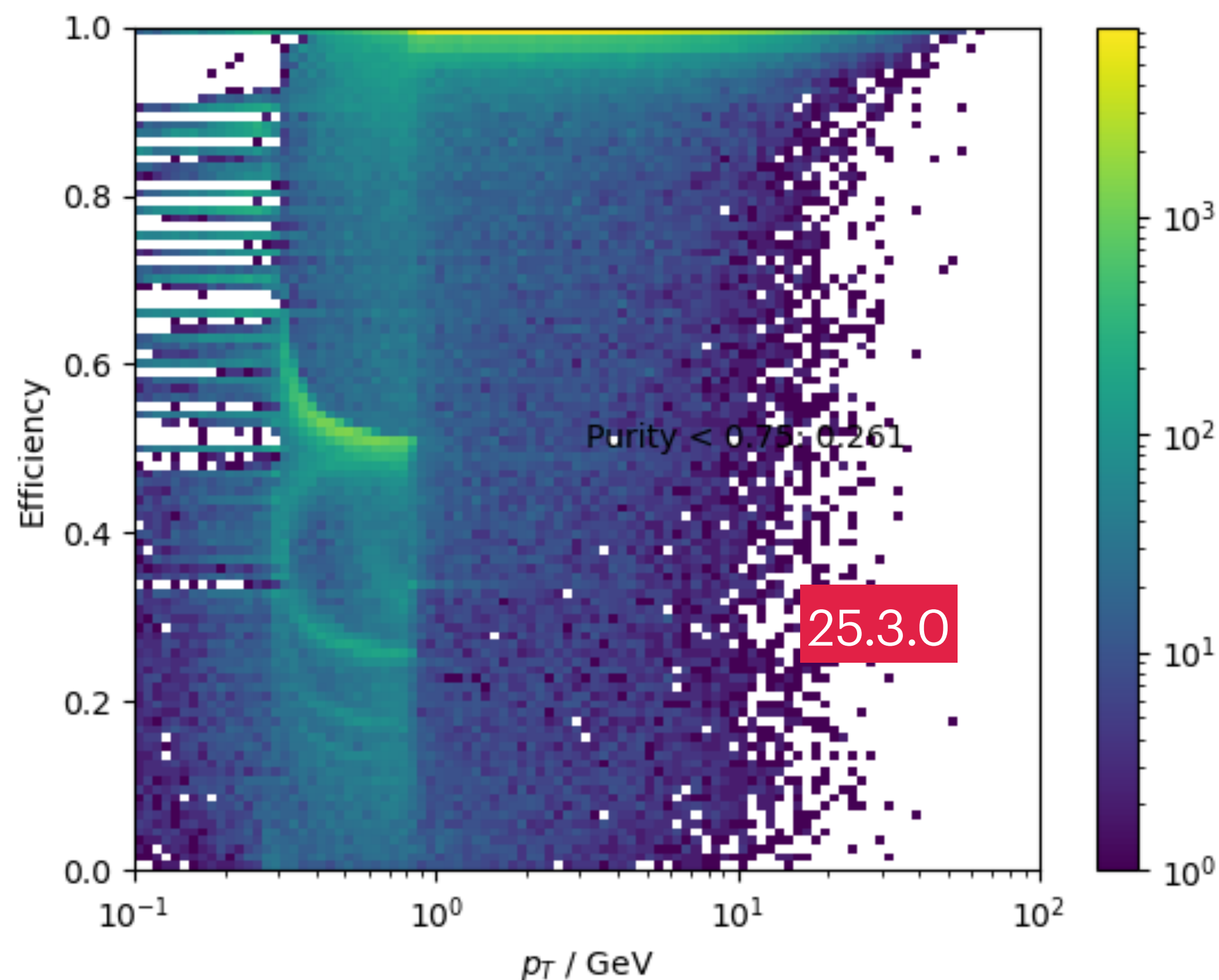
Tracking Efficiency

- New nnHbb sample from Kali



Track Hit Efficiency/Purity

- New nnHbb sample from Kali

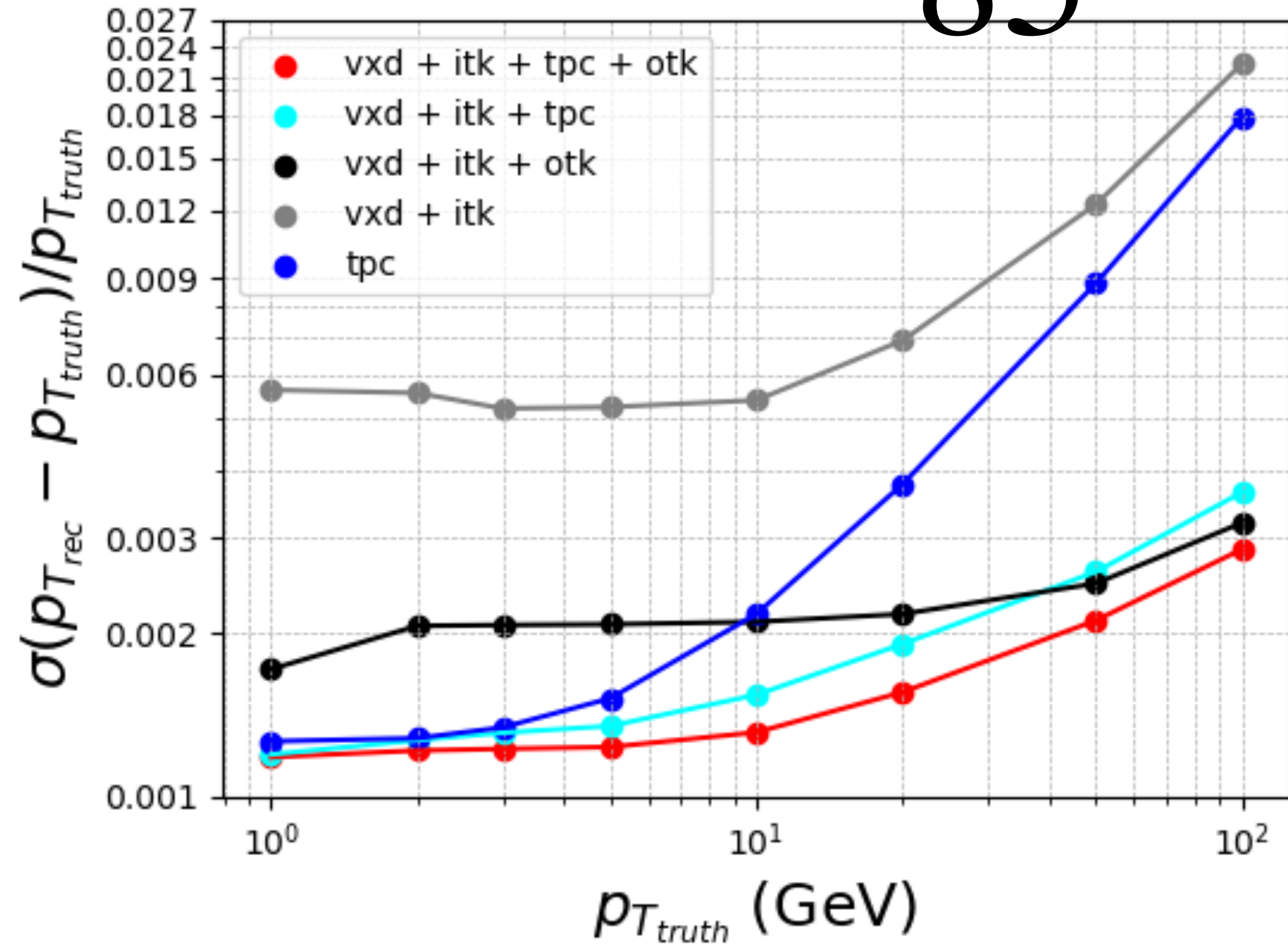


- In the new release, MC particle track relation maker doesn't take TPCTrackerHits as input
- In case you need track-MC map in hit-level, just add TPCTrackerHit to the association maker

Tracking Resolution

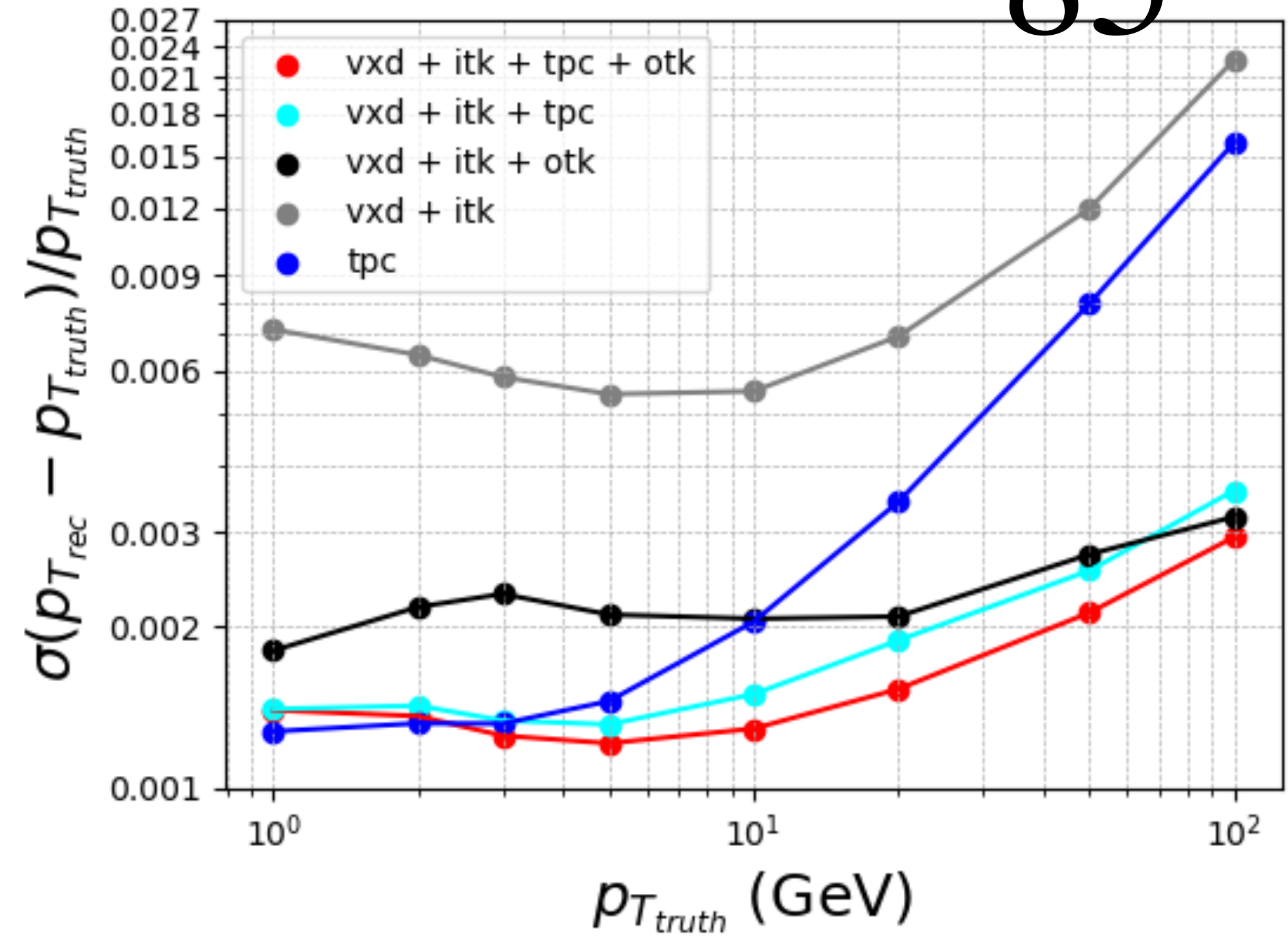
25.1.2

85°

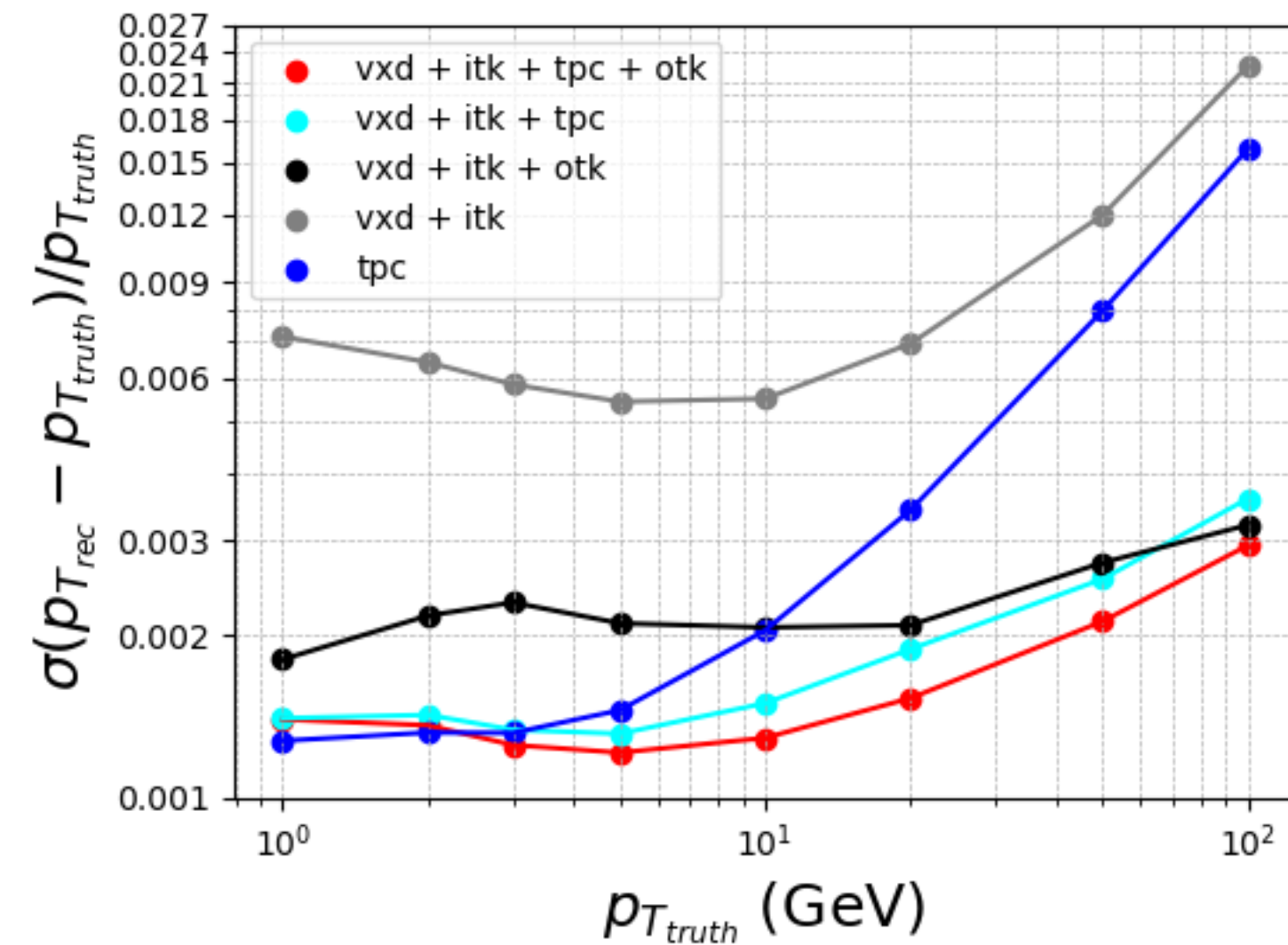


25.3.0

85°

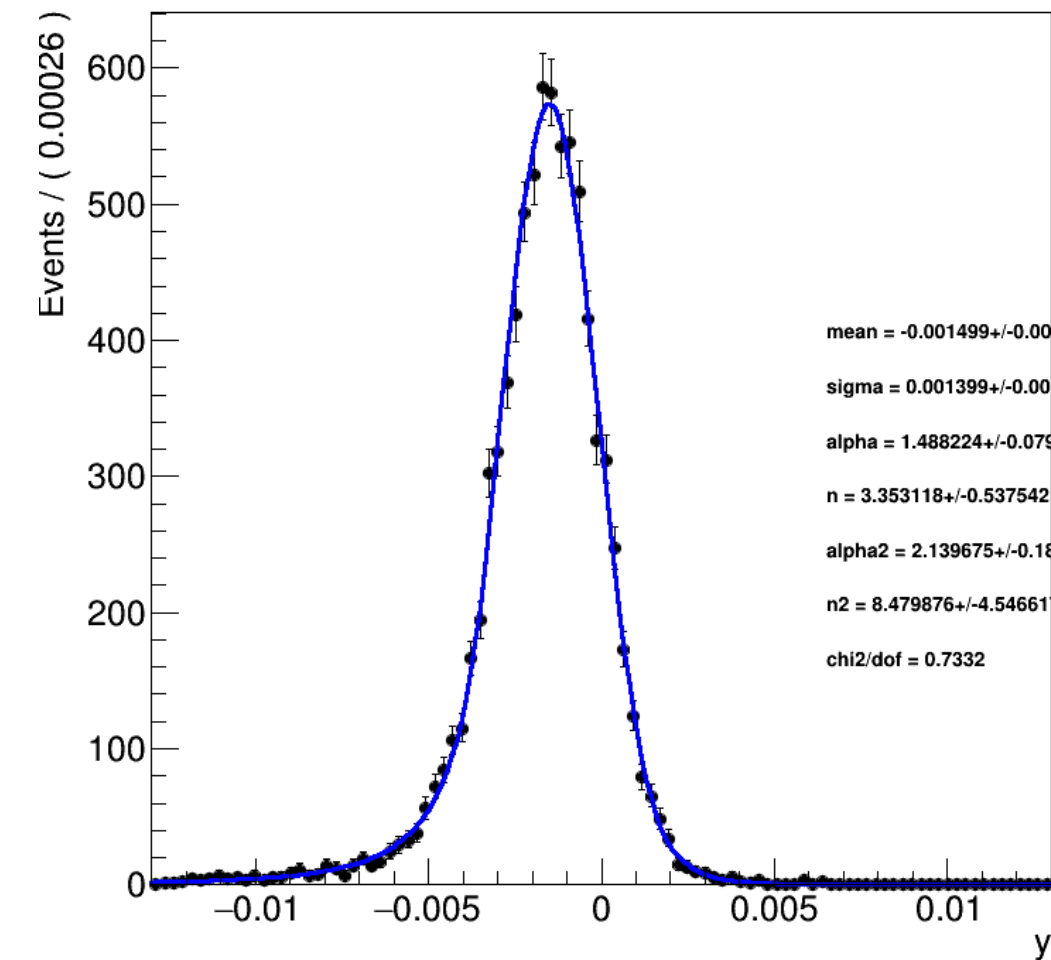


Tracking Resolution

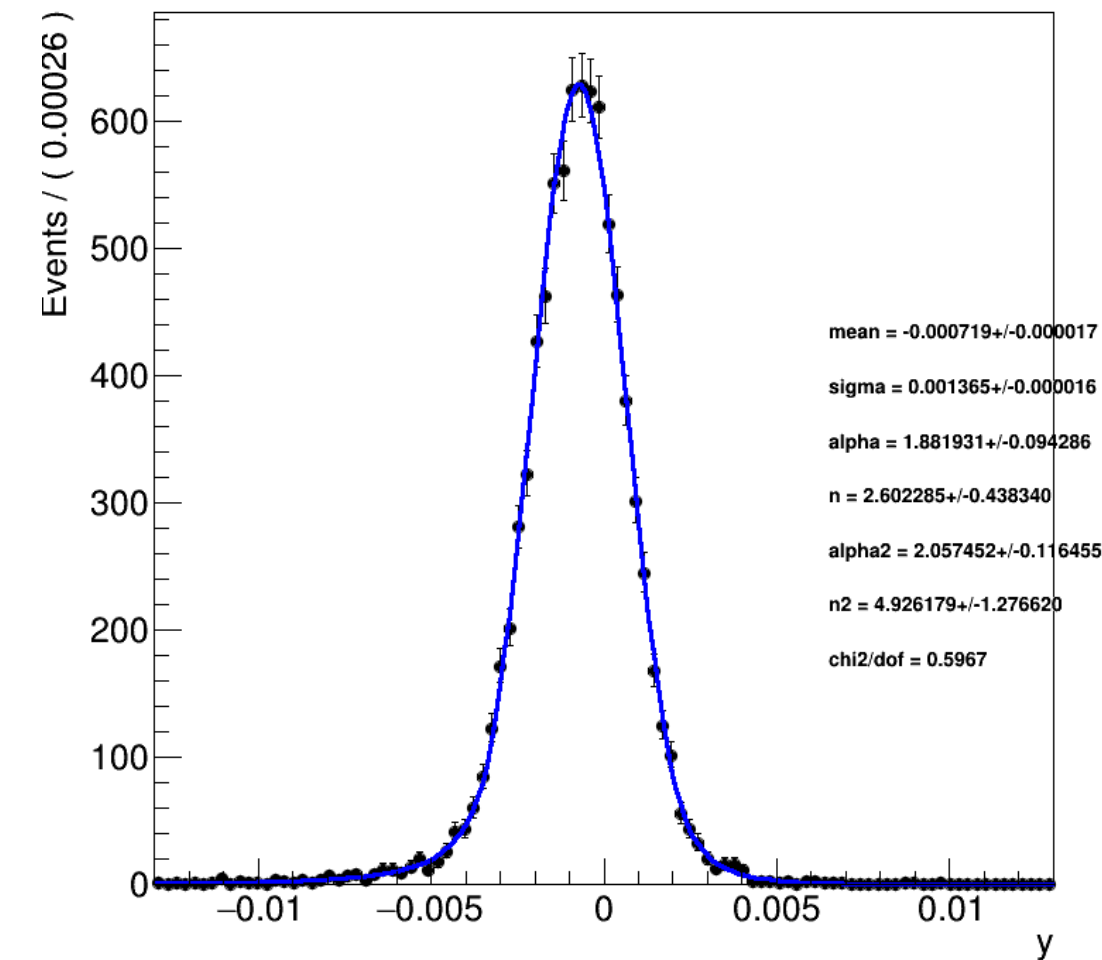


- Fit plots for the first 3 points of the red and cyan

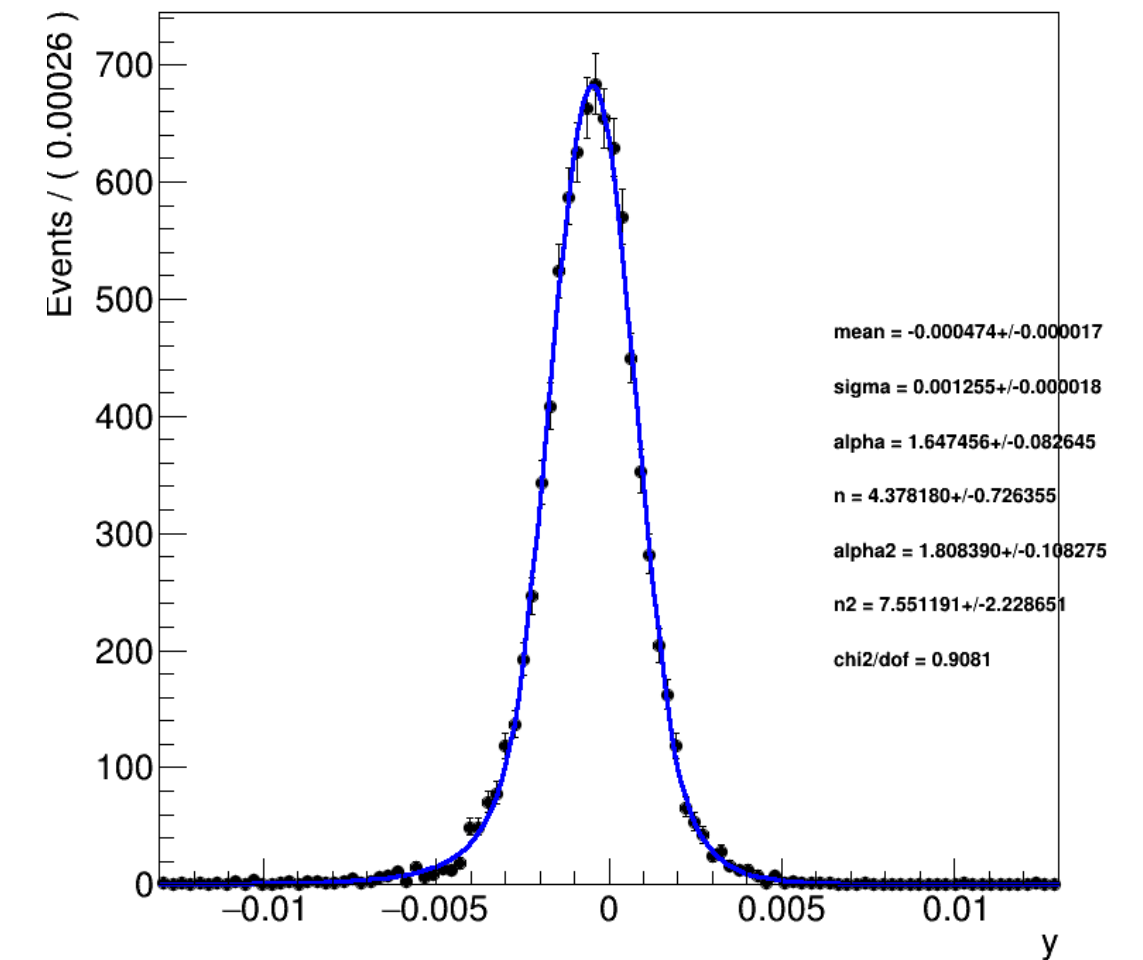
A RooPlot of "y"



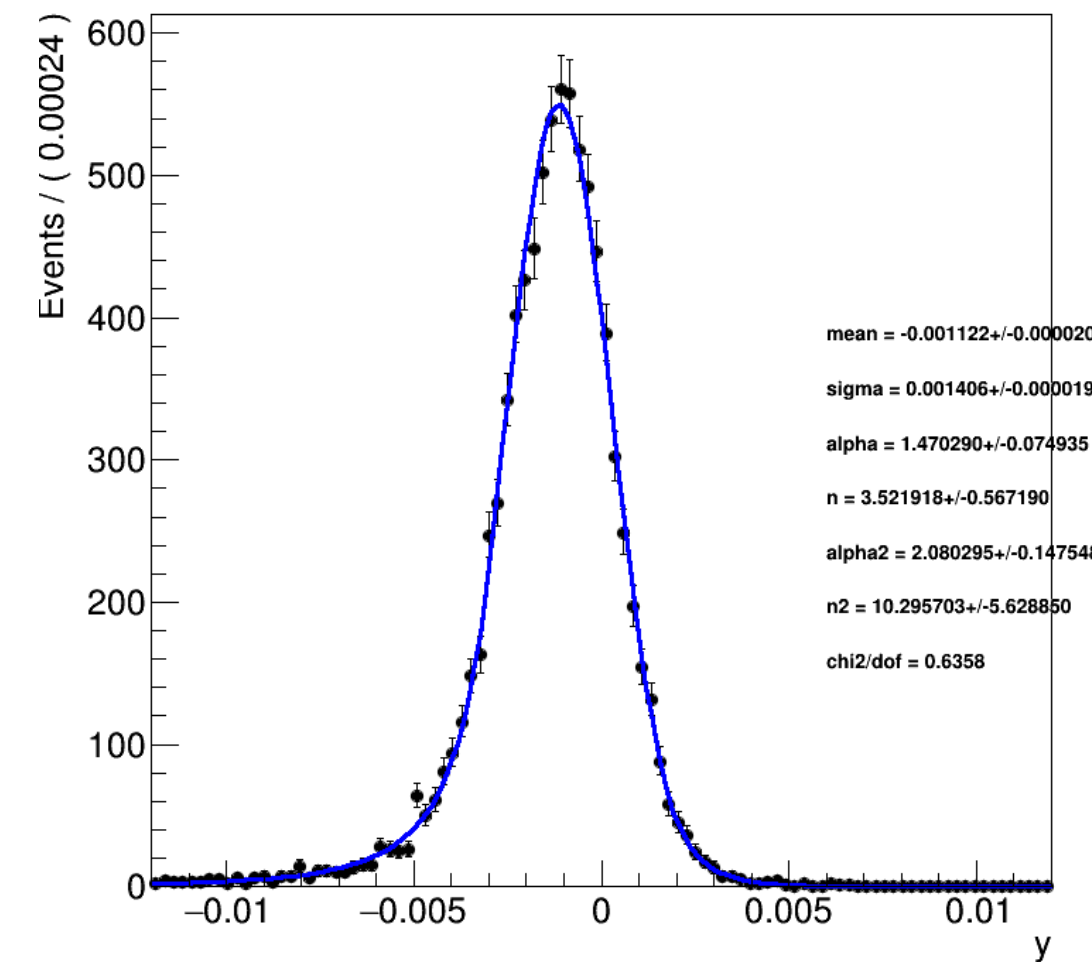
A RooPlot of "y"



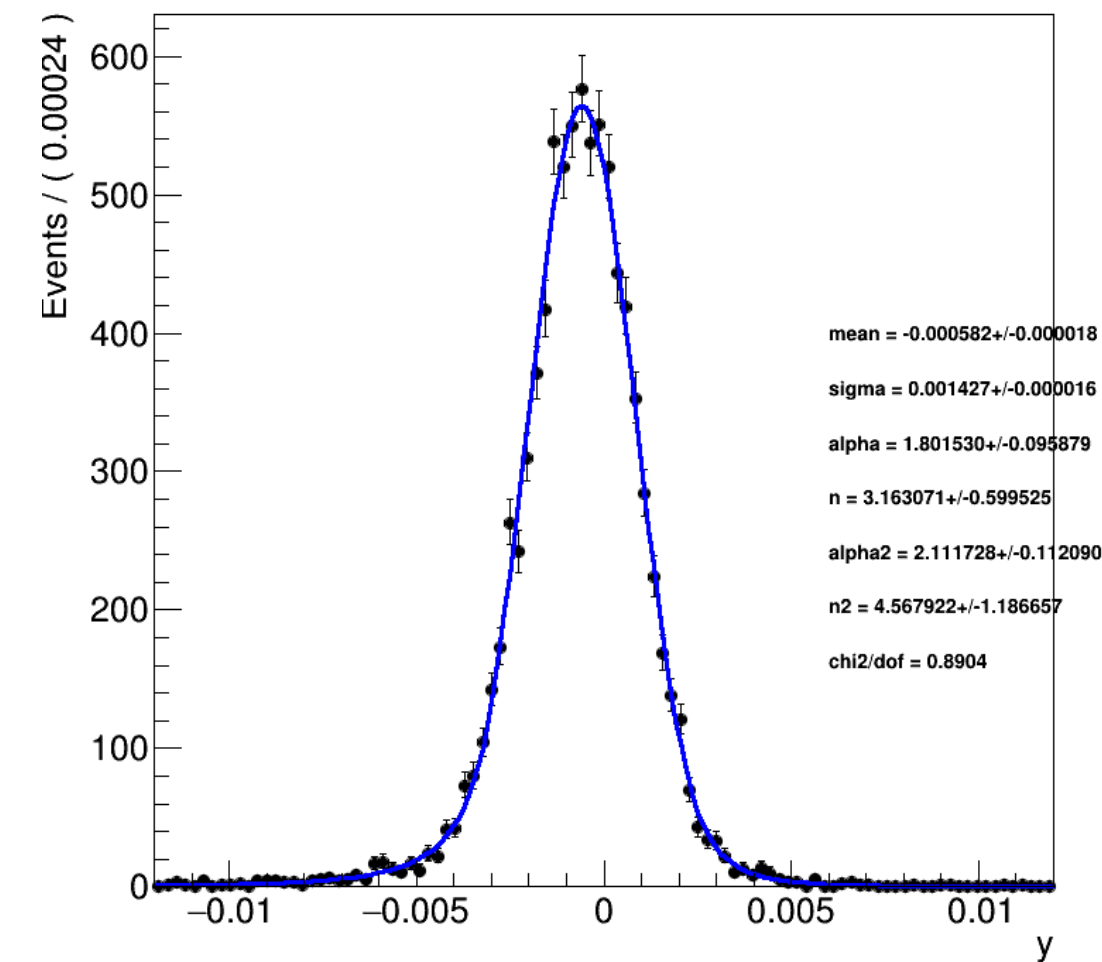
A RooPlot of "y"



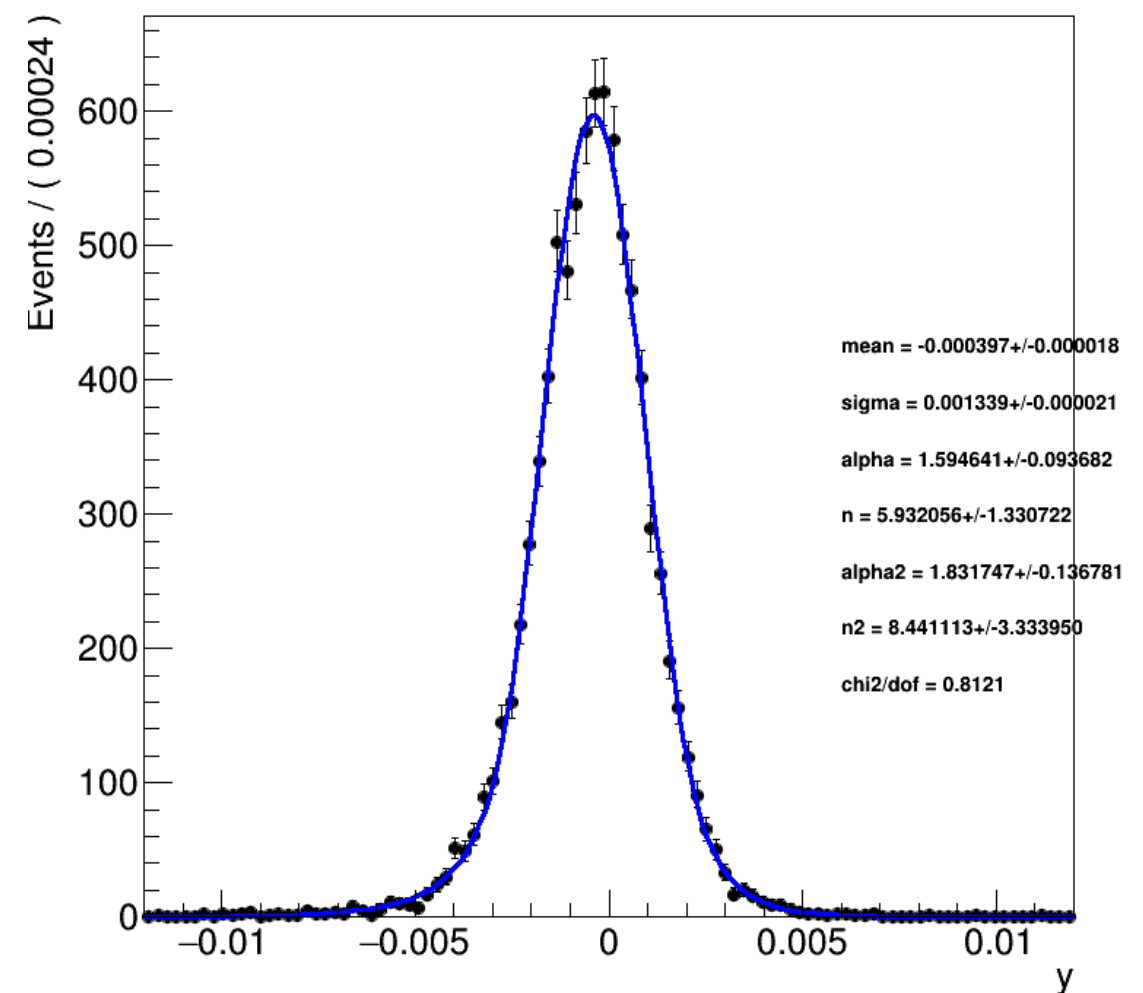
A RooPlot of "y"



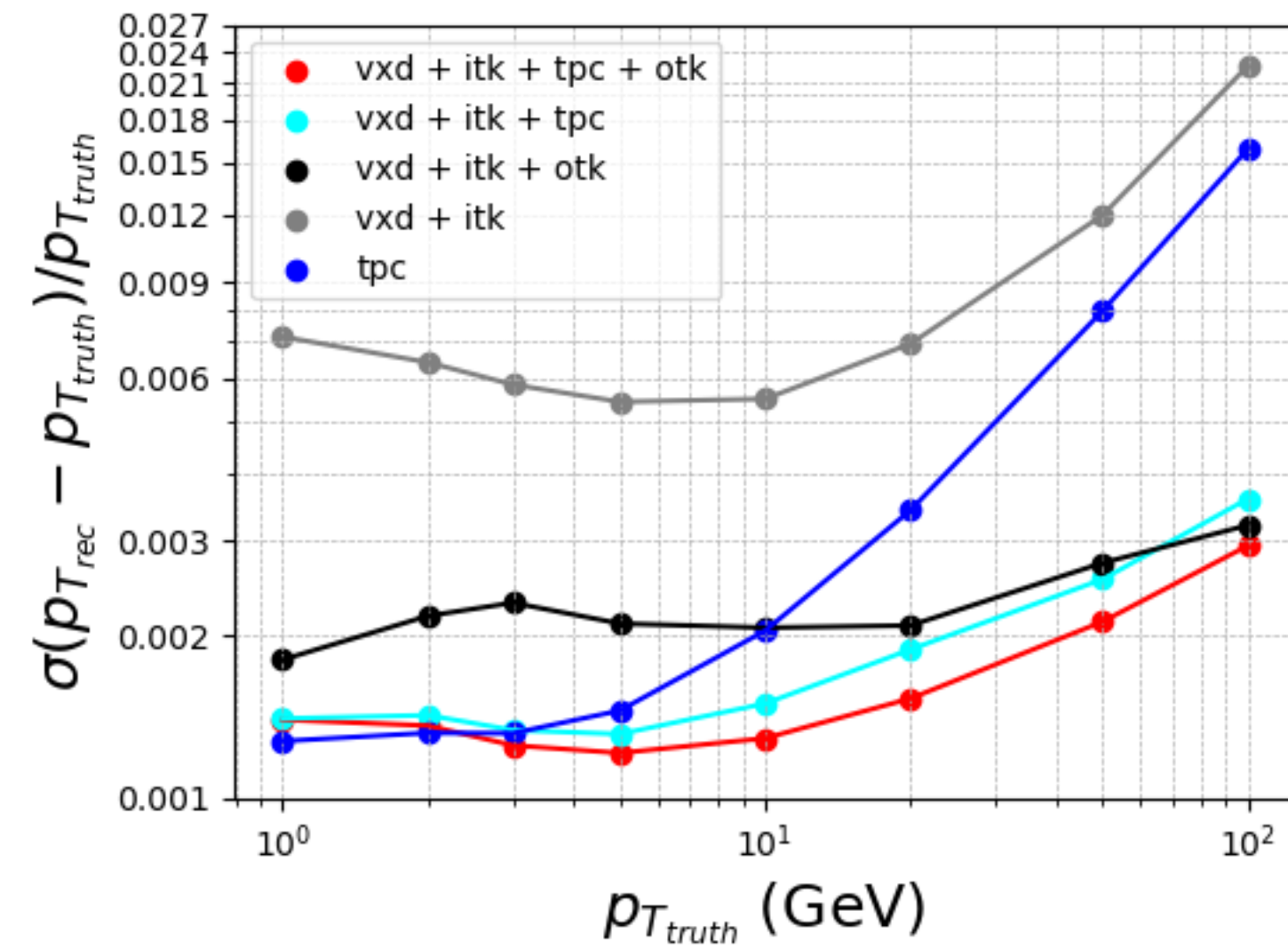
A RooPlot of "y"



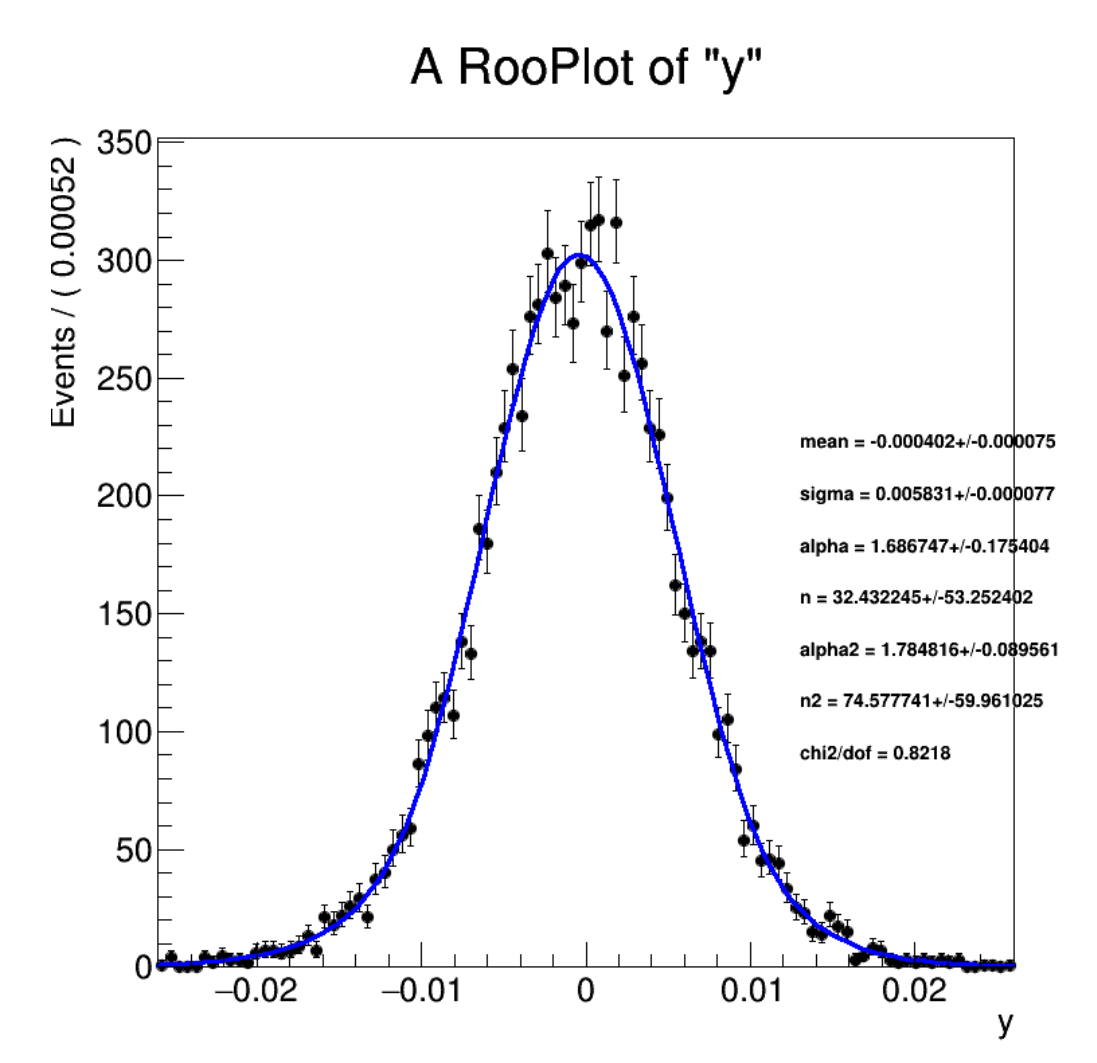
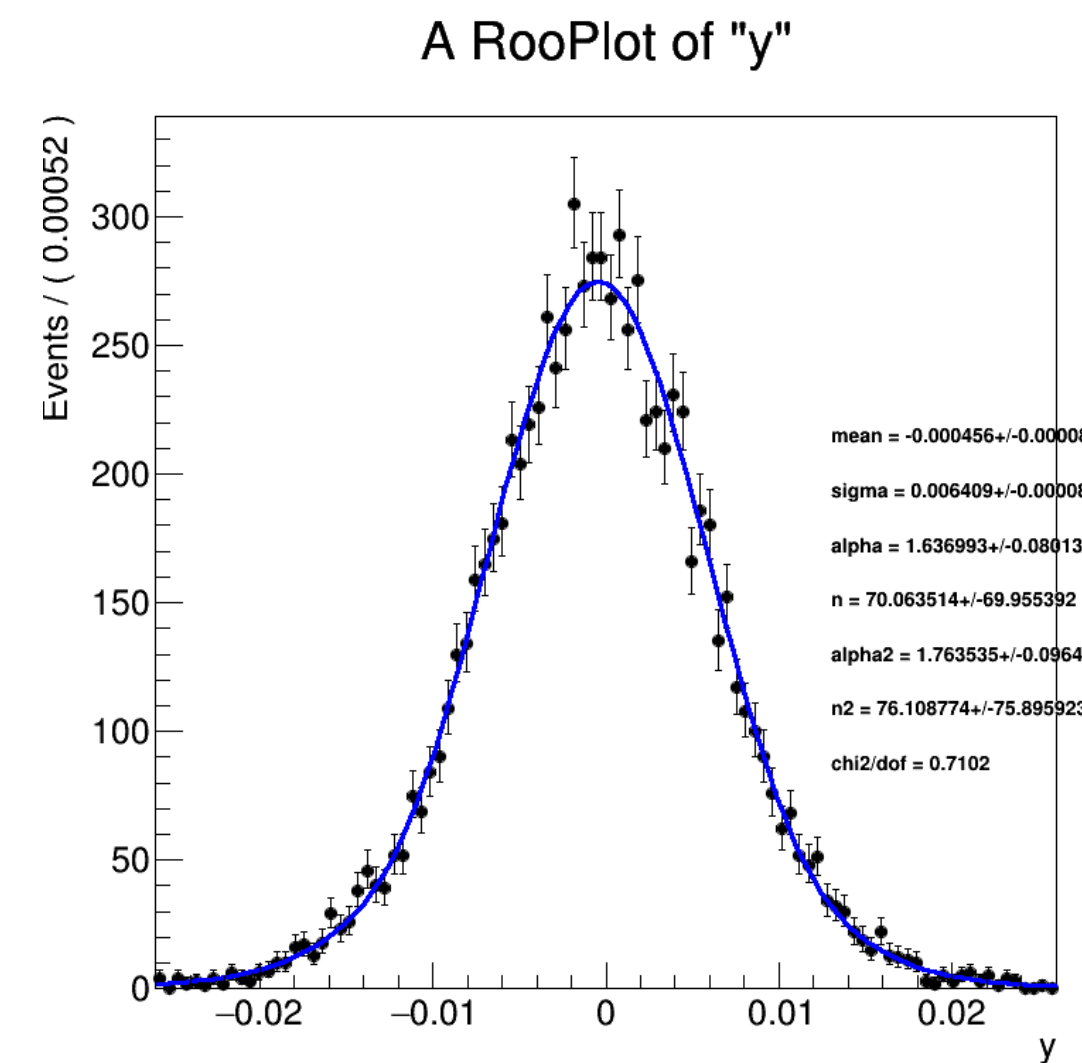
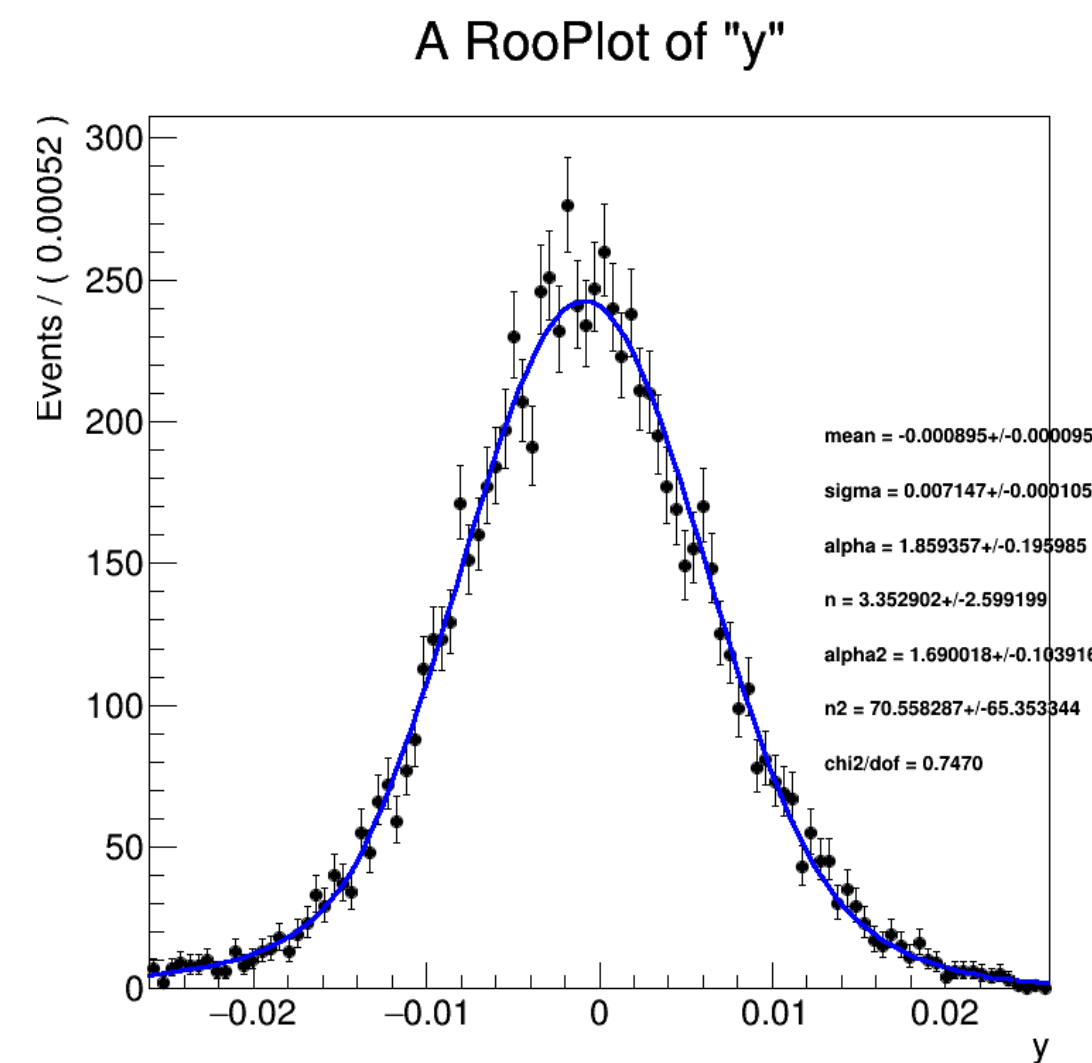
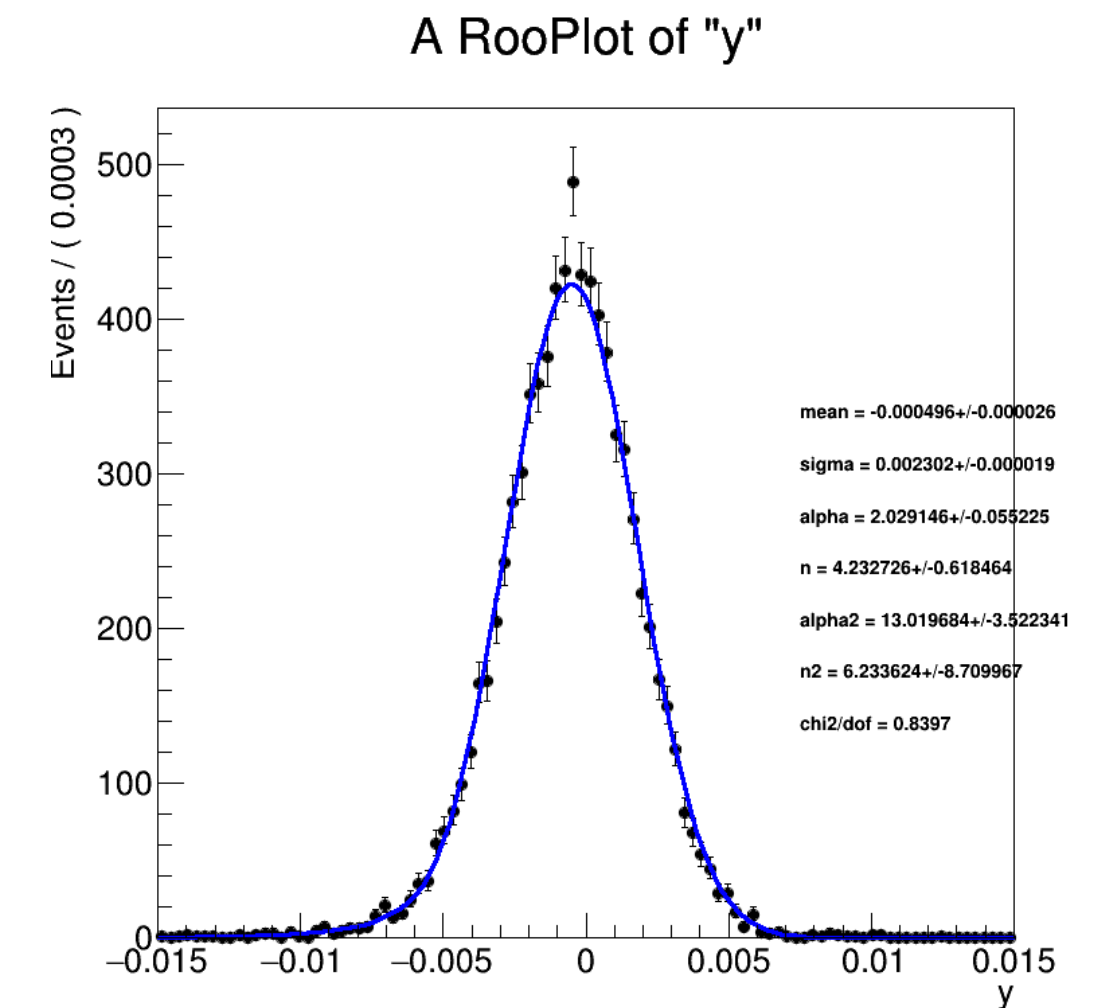
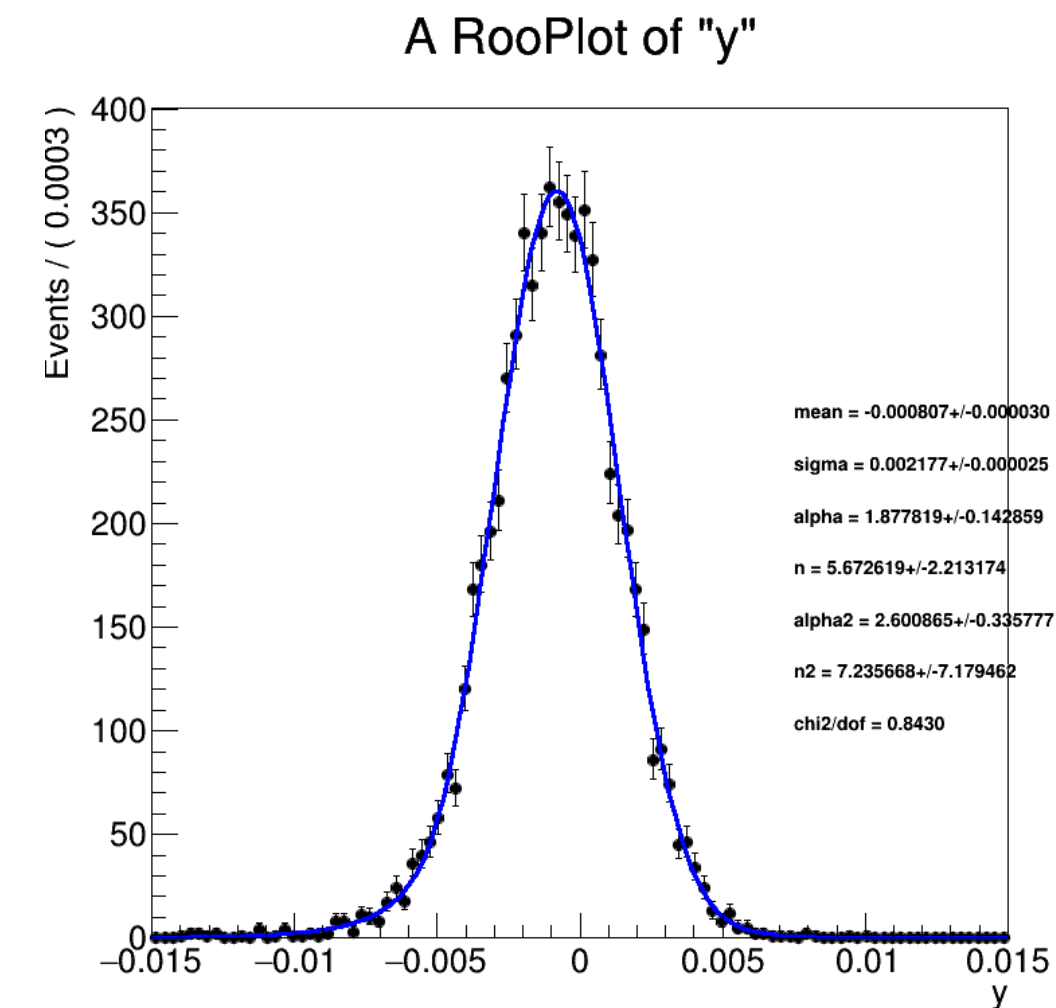
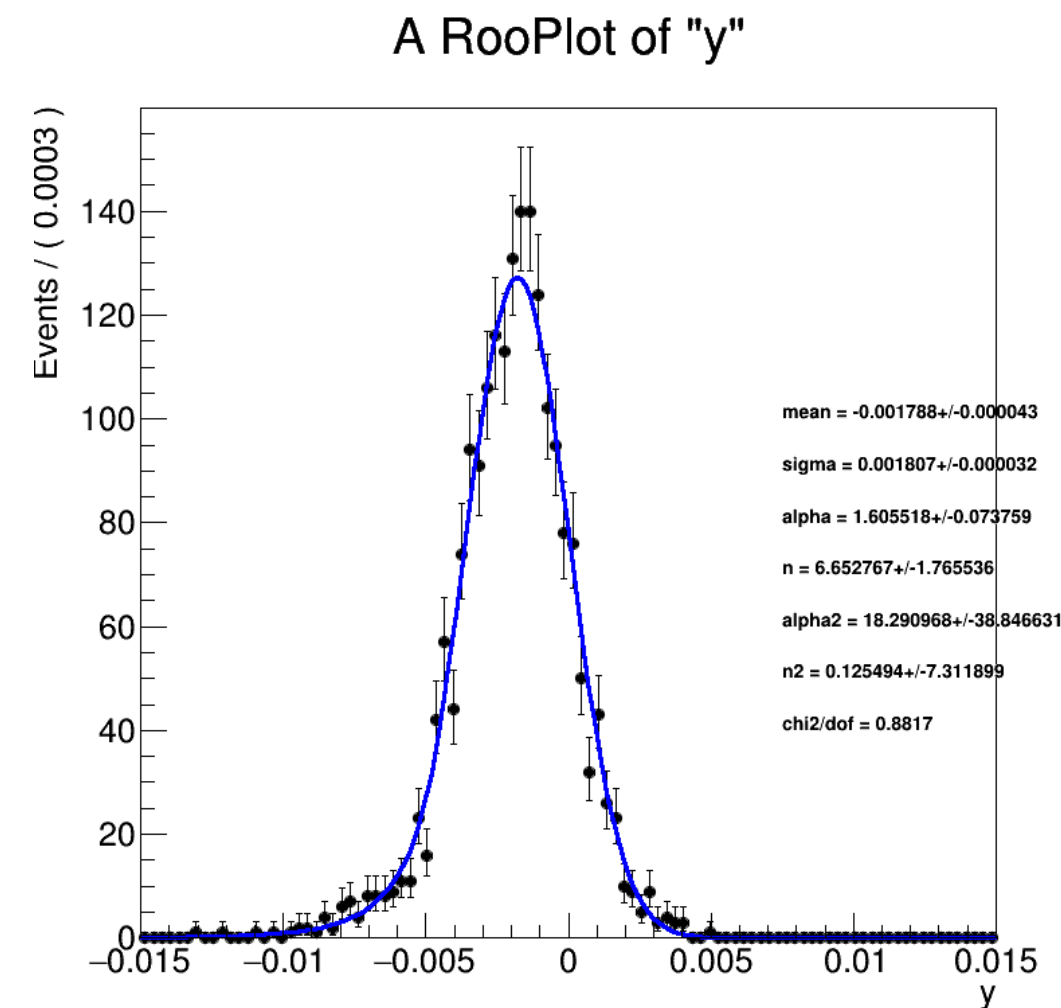
A RooPlot of "y"



Tracking Resolution

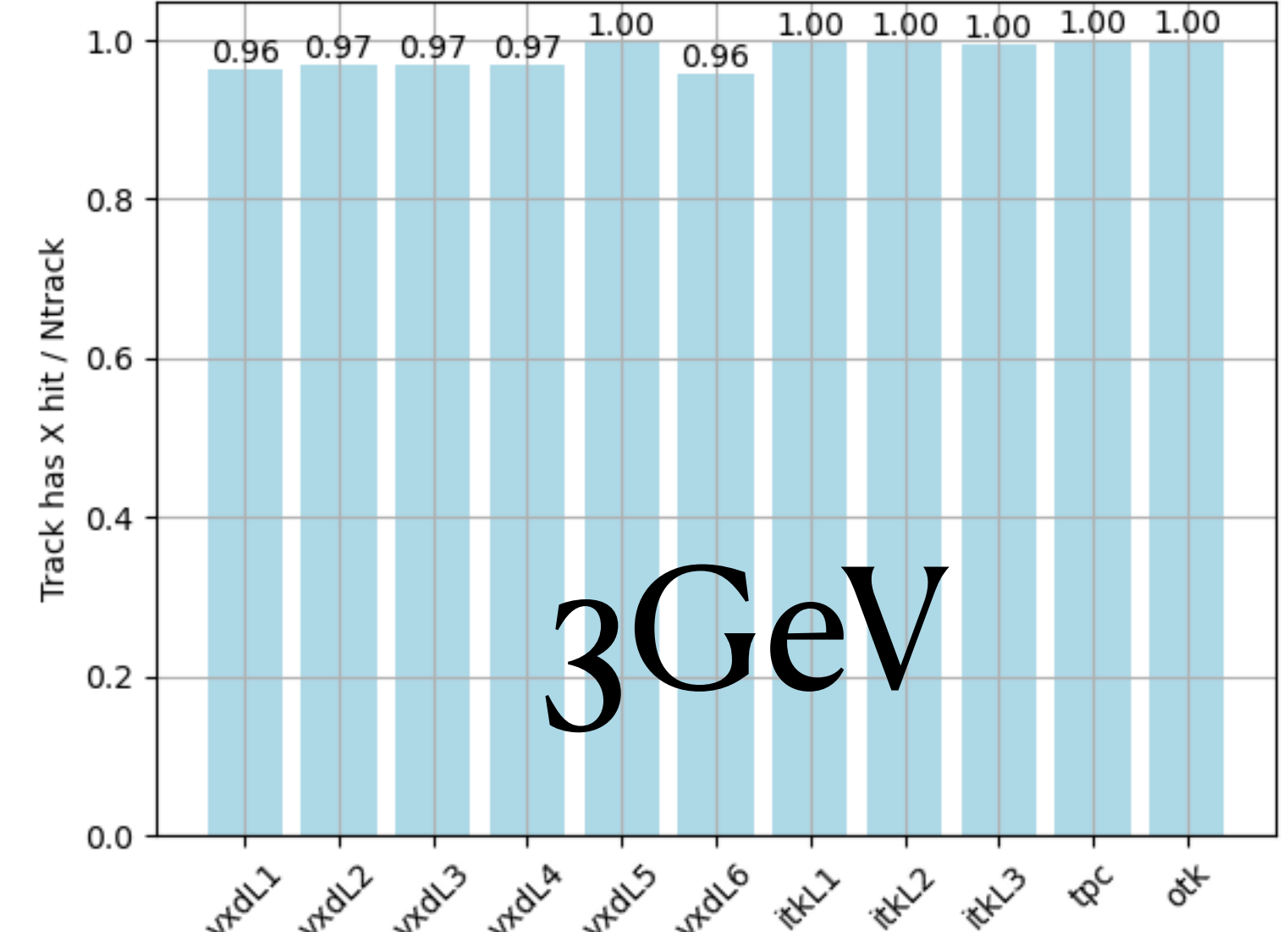
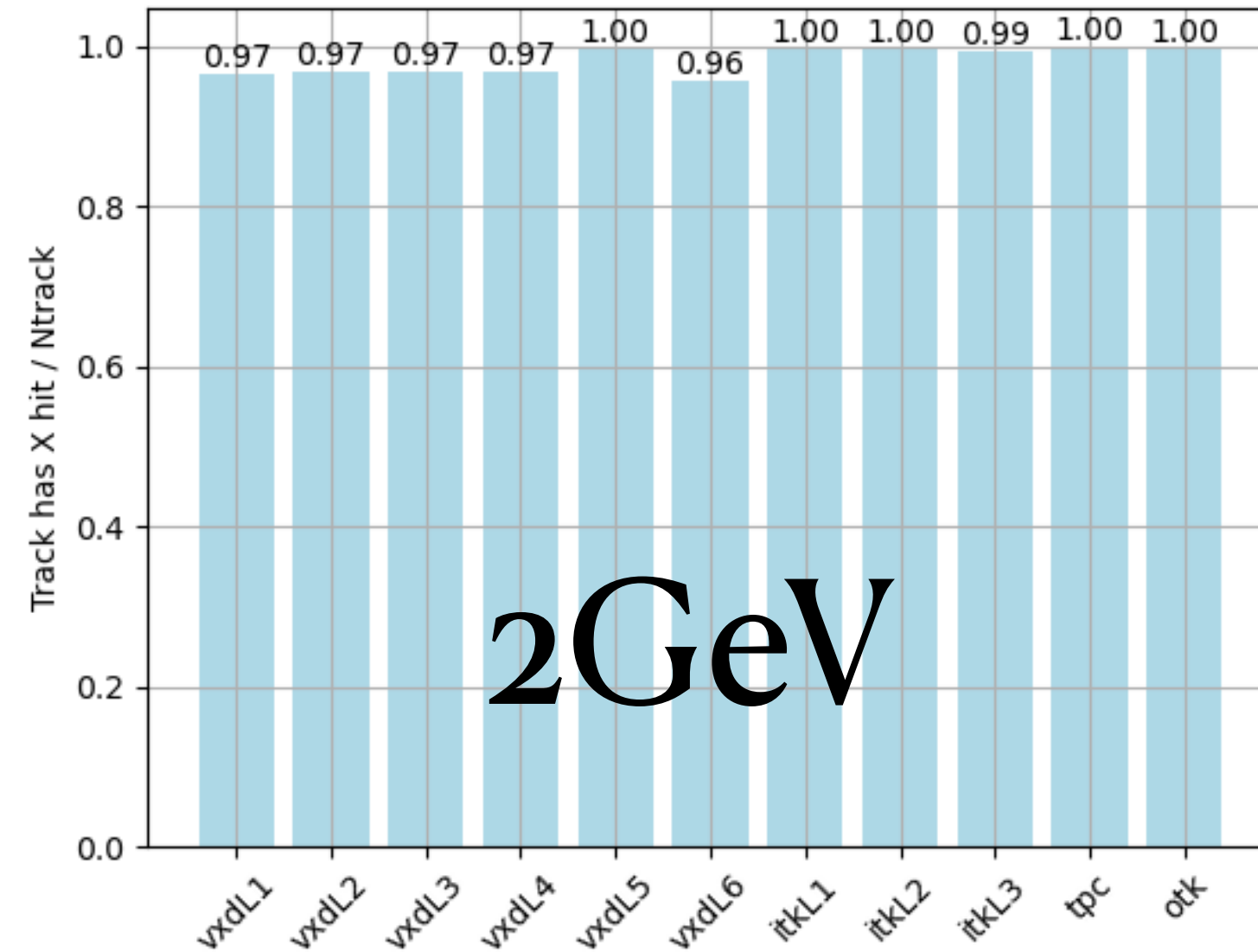
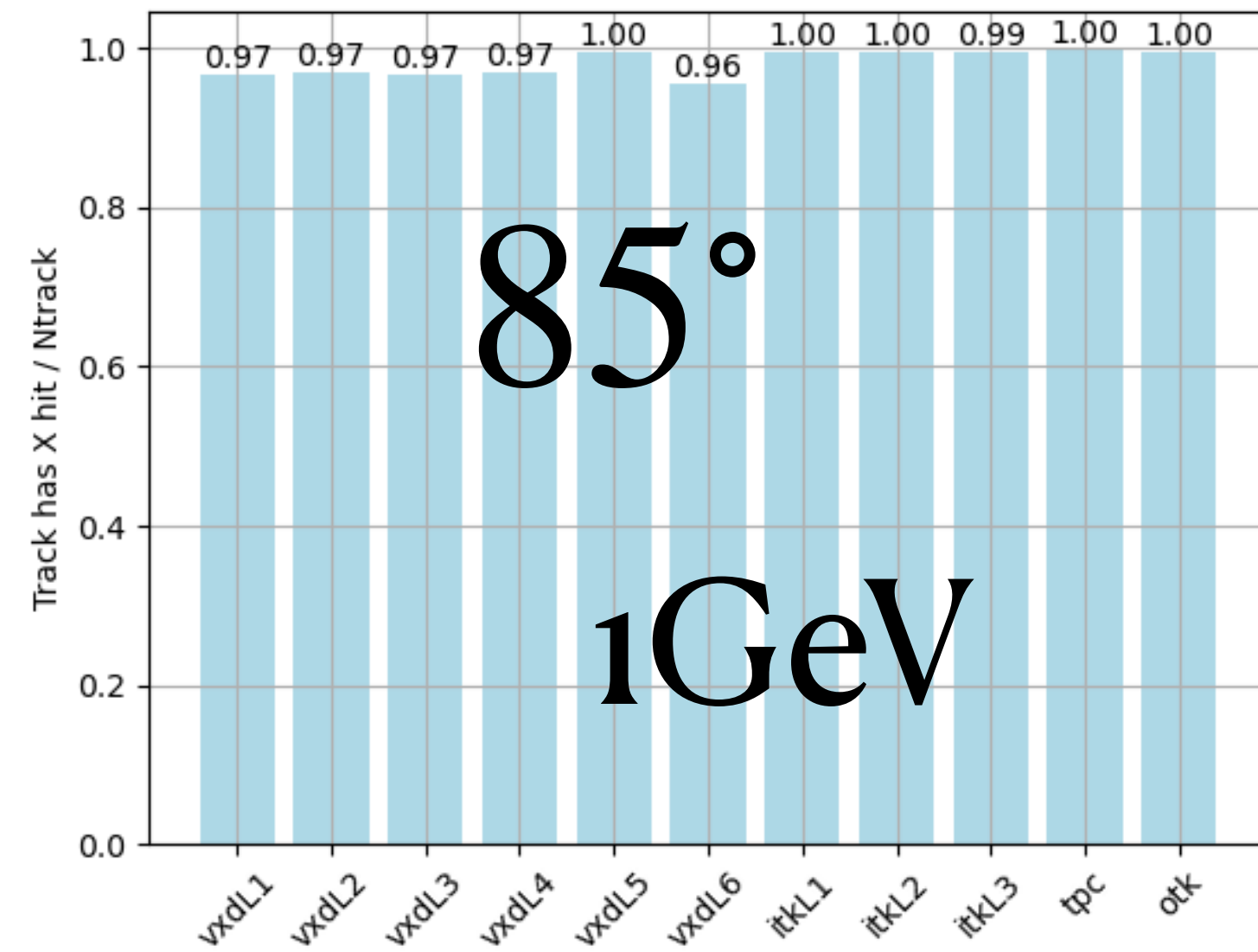


- Fit plots for the first 3 points of the black and gray



Tracking Resolution

25.1.2+MR198(Feb21)



25.3.0

