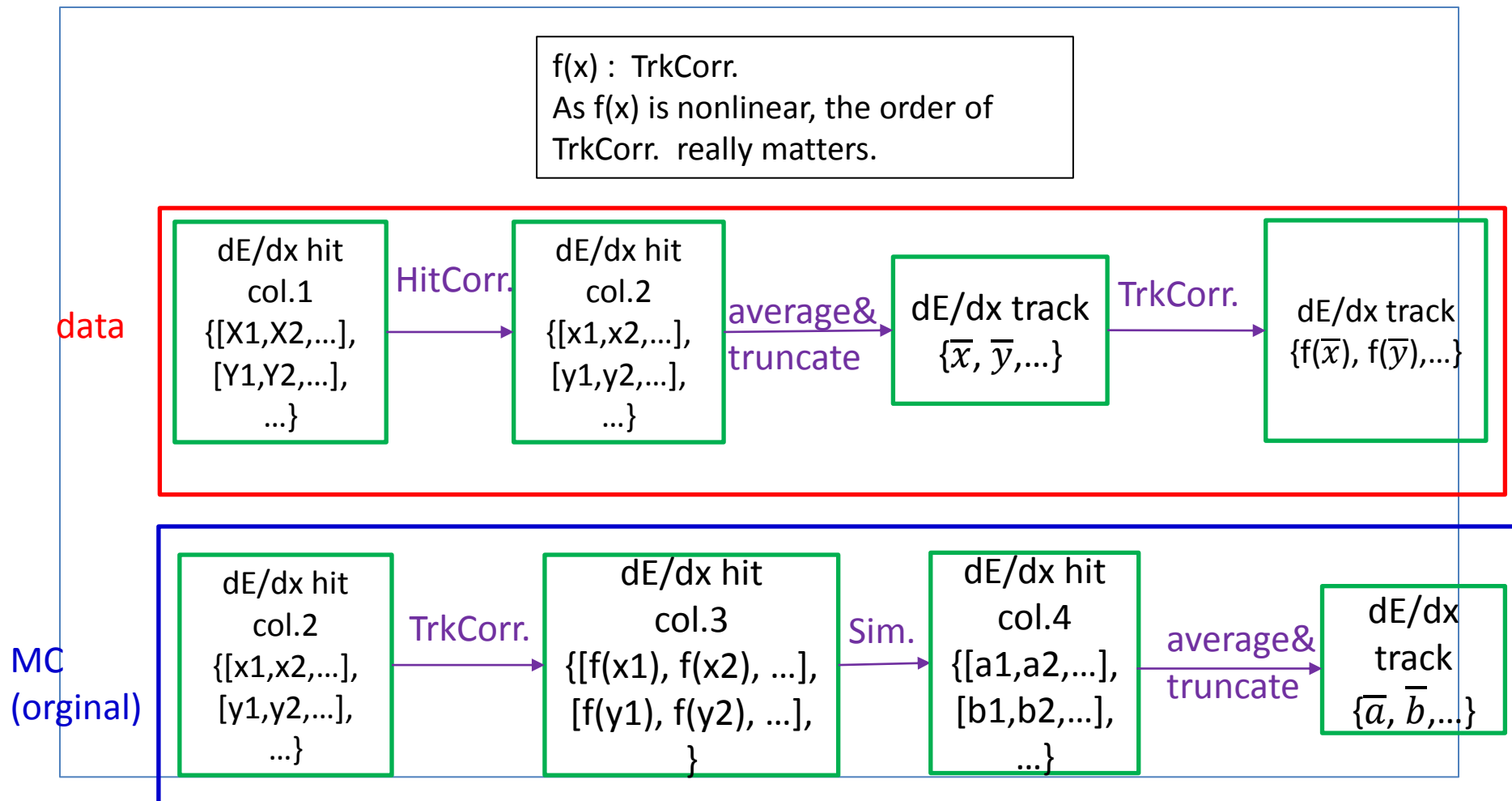


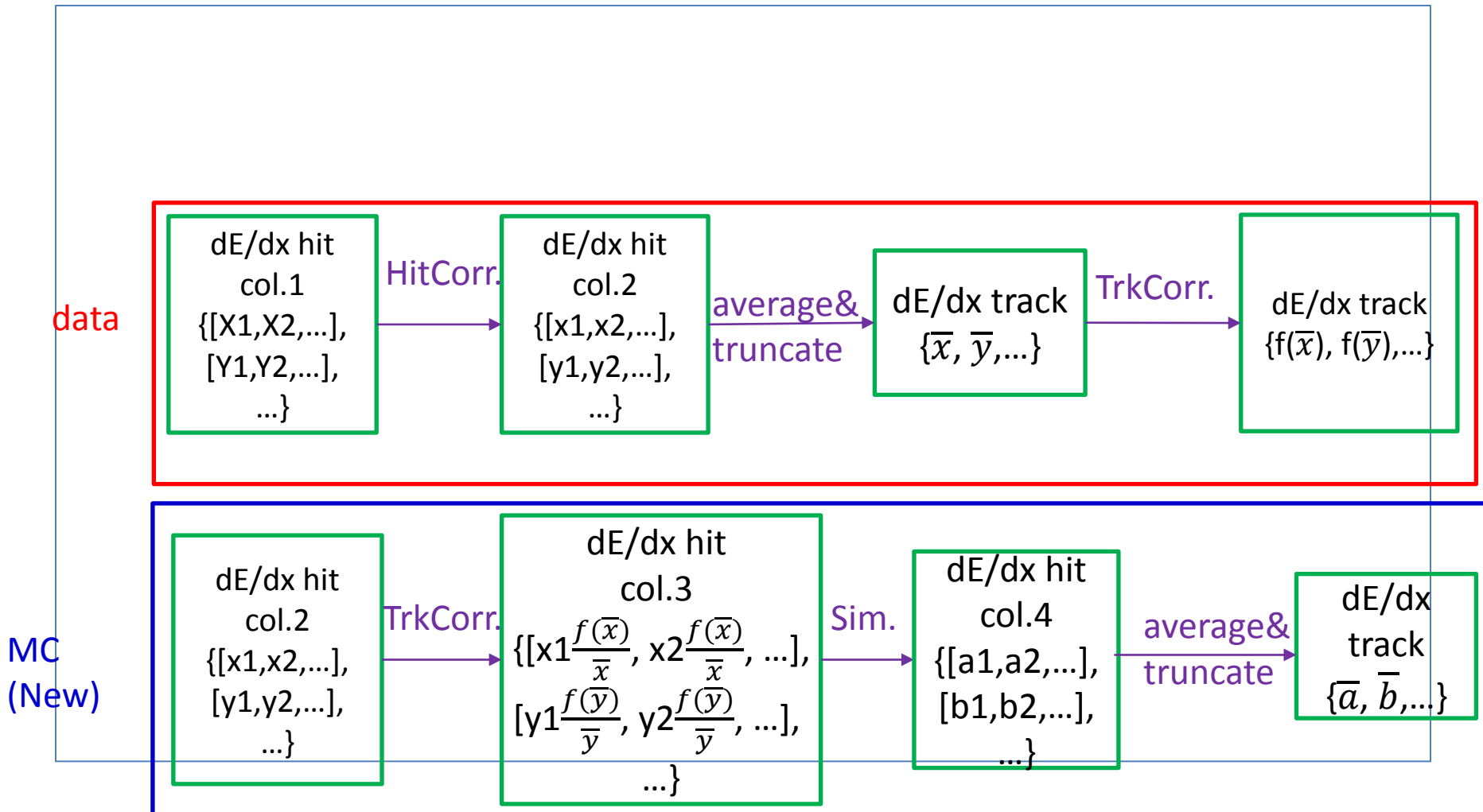
dEdx correction order check

WangMeng

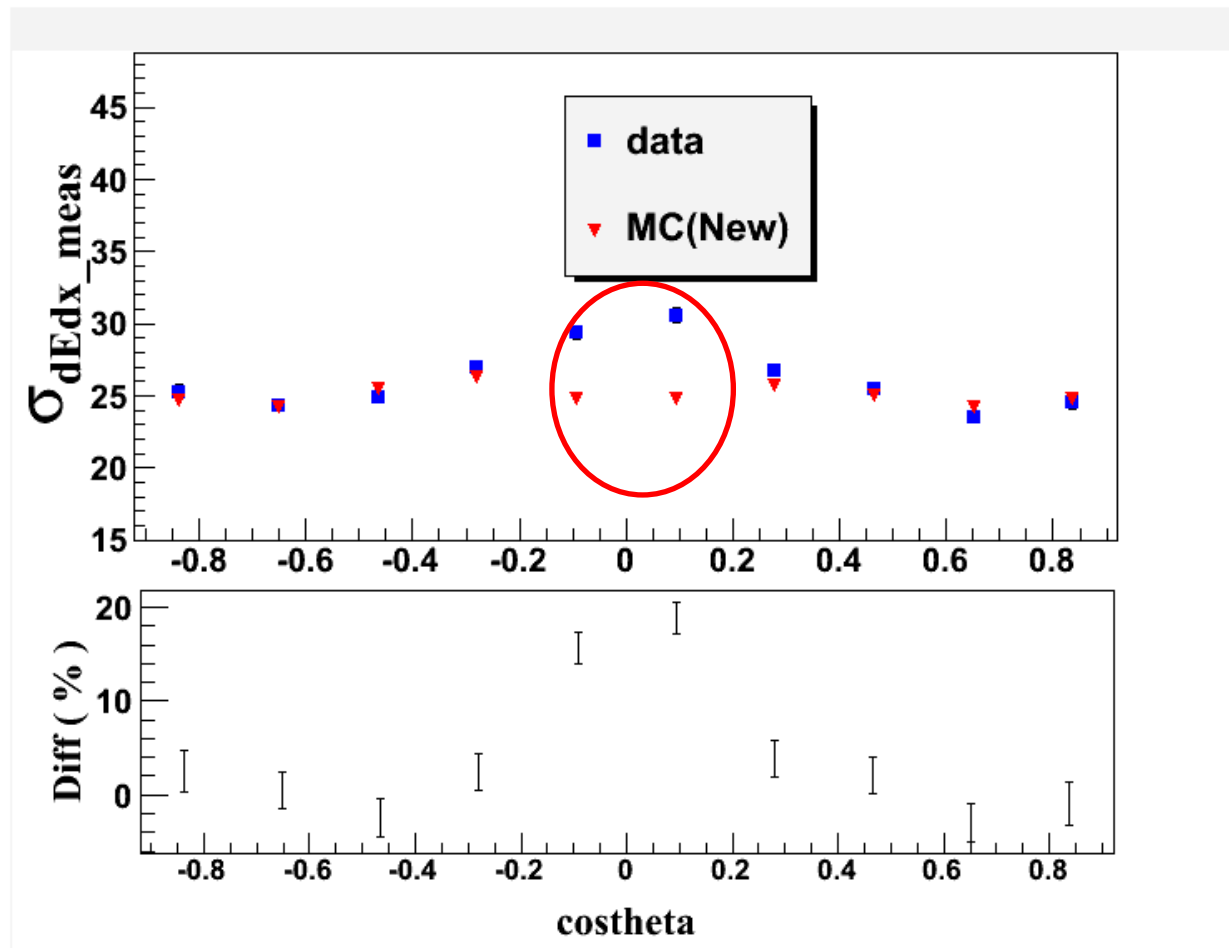
1.(1) Introductions of reconstruction of dE/dx



1.(1) Introductions of reconstruction of dE/dx



Incredible diff. of σ when $\cos\theta \sim 0$

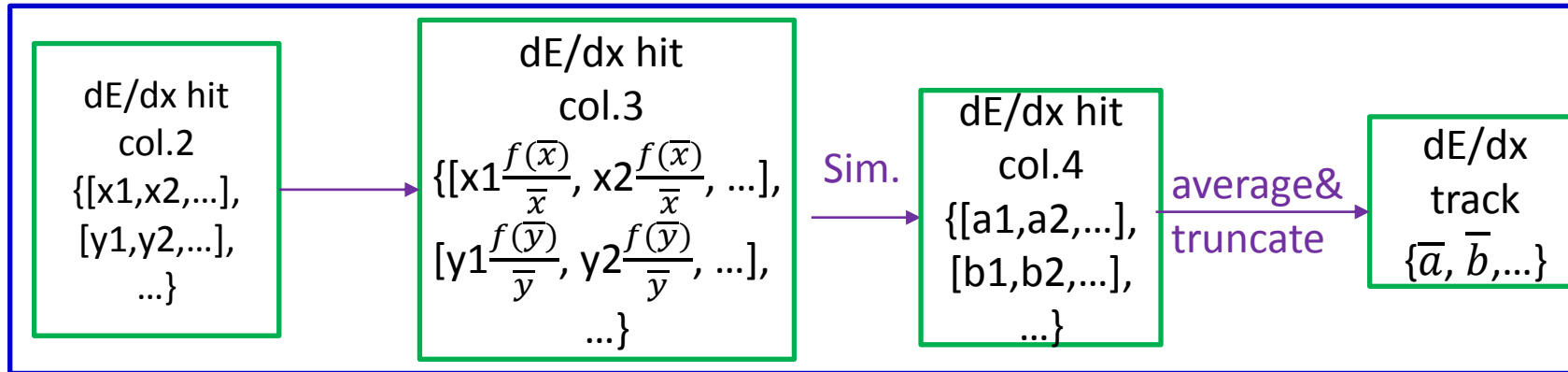


$$\text{Diff} = \frac{\text{data} - \text{MC}}{\text{data}}$$

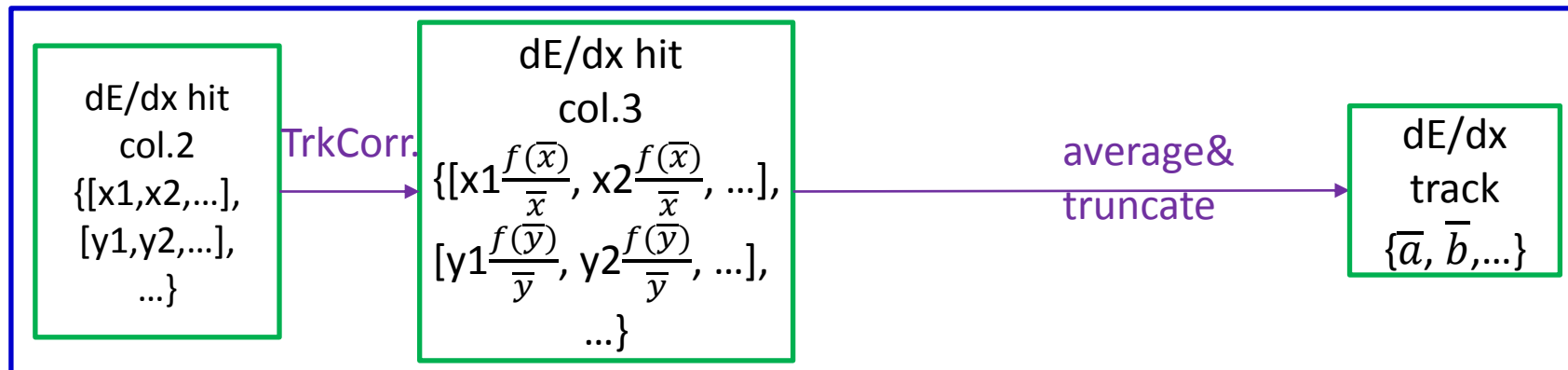
Even if we change binning of $\cos\theta$, the diff. can't be reduced.

1.(1) Introductions of Rec. of dE/dx

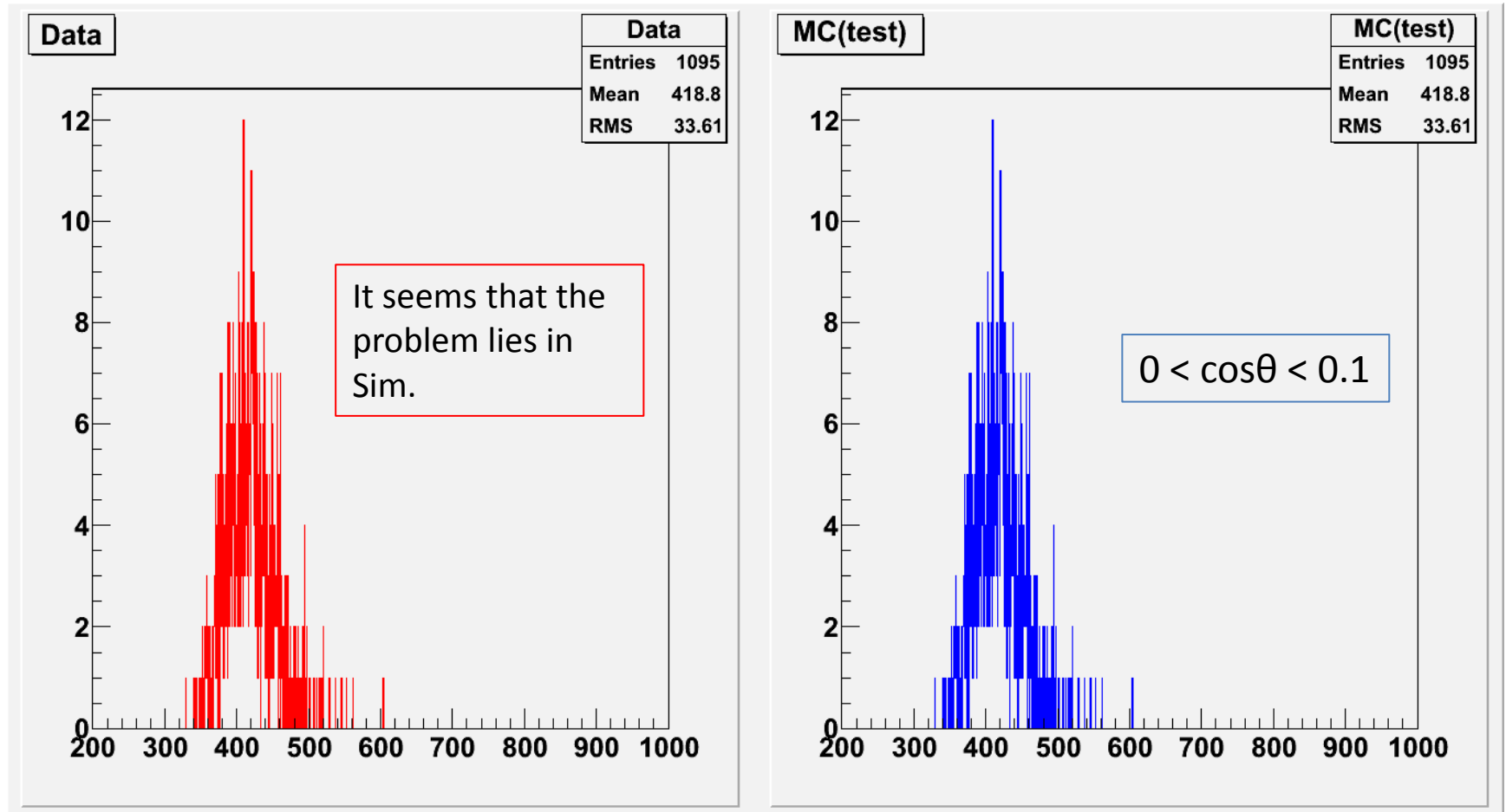
MC
(New)



MC
(Test)



PDFs of dE/dx when $\cos\theta \sim 0$ are exactly the same.



(2) Introductions of Sim.(toy MC)

- Assume that n_{hit} is a function of $(\beta\gamma, \cos\theta)$.

Sim. Of
Toy MC
(New)

