some reproduction of the results of WeiChen

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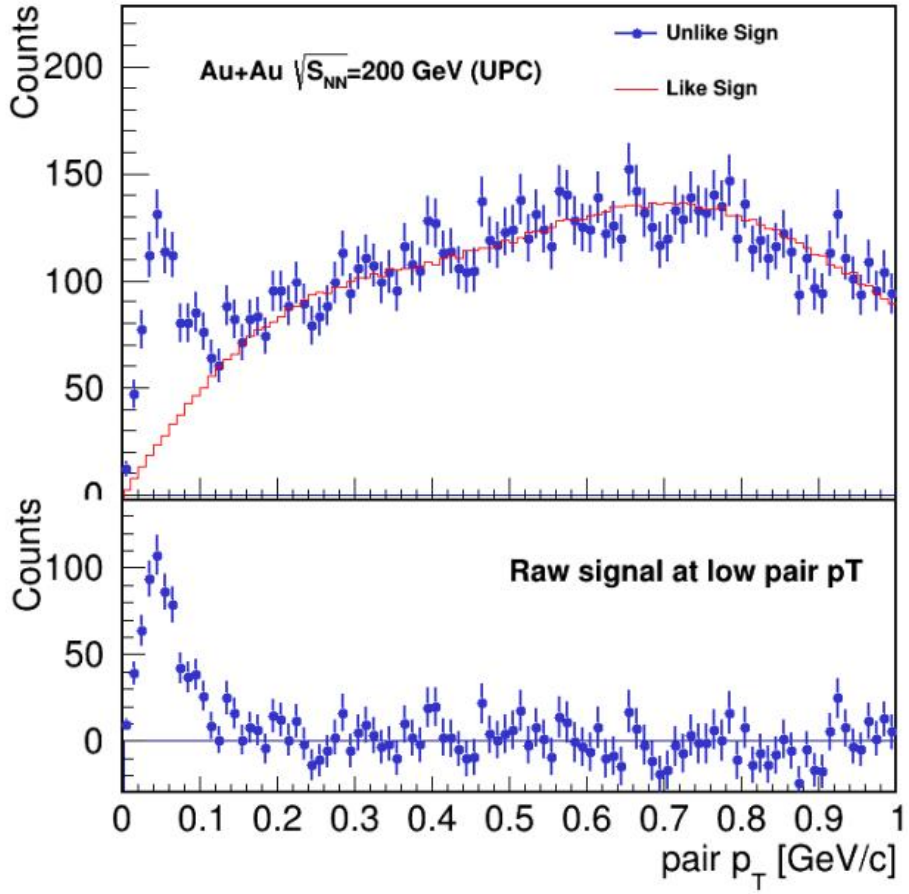
cuts from Wei Chen

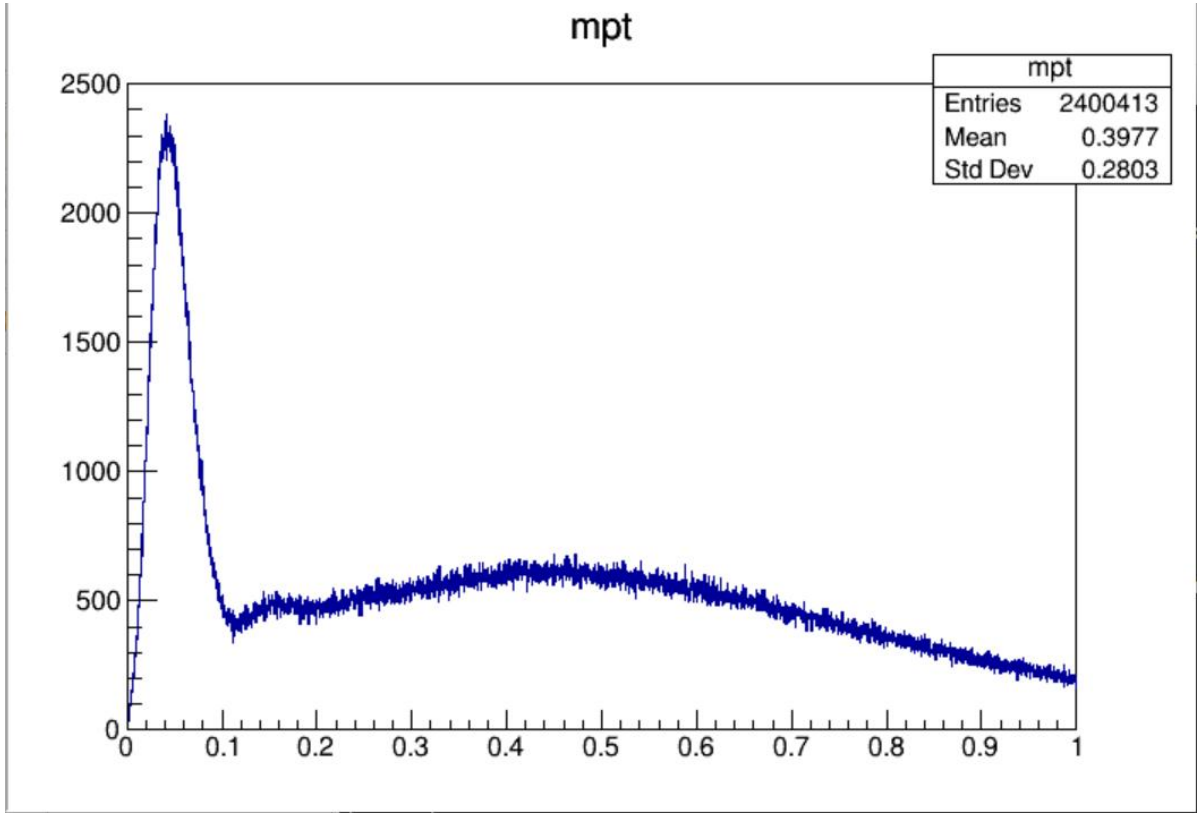
Track Level Cut

- nHitFit > 15
- $|\eta| < 1$
- dca < 3 cm
- $|Y_{pair}| > 0.05$
- 0.2<pT<1.2
- $-4 + 4(|\mathrm{pT}| - 0.2) < \mathrm{n}\sigma_{\mathrm{p}} < 3$

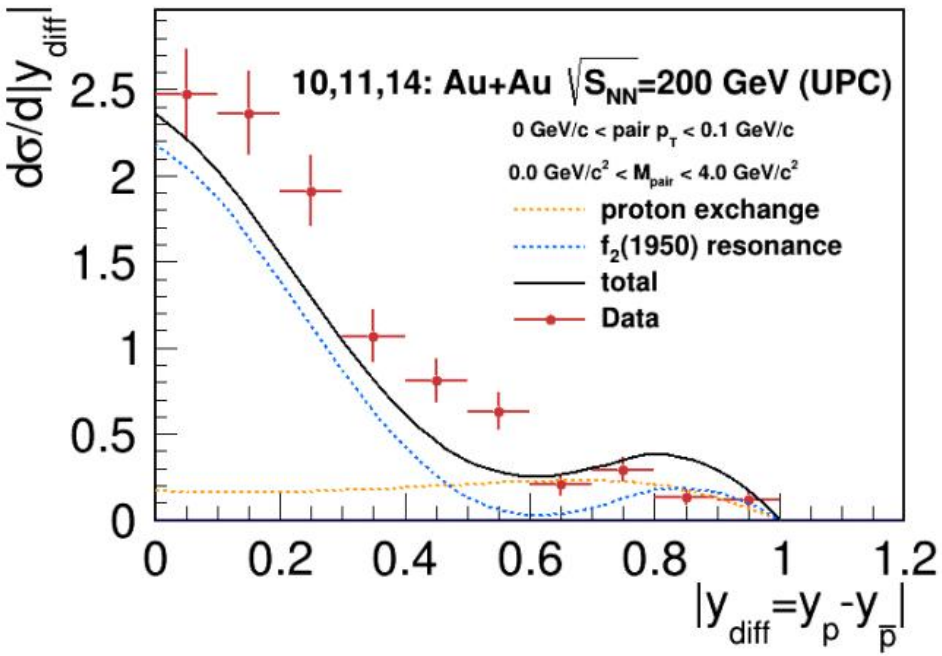
pair pT

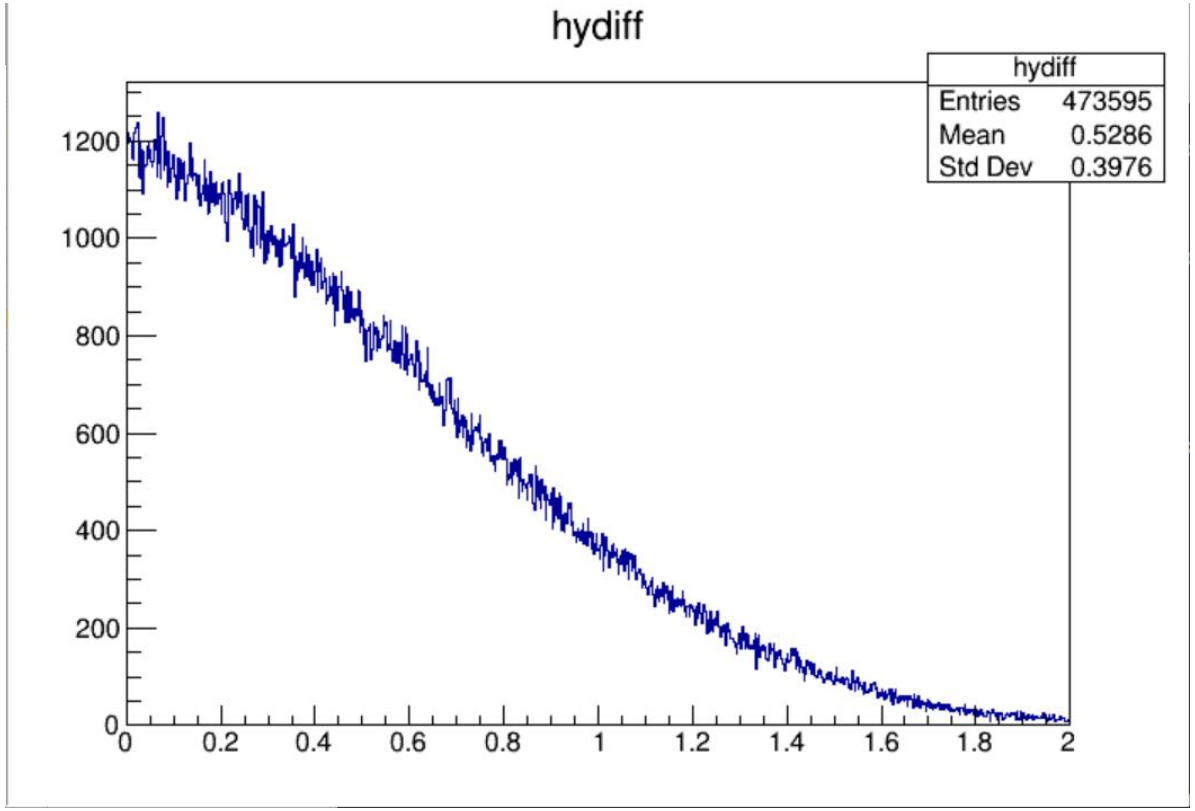
so we choose the cuts of pT of [0,0.1] GeV/C





y_{diff}





it goes to zero when the ydiff is 2.

but when I use the cuts from Wei Chen. the kstar becomes like this.