

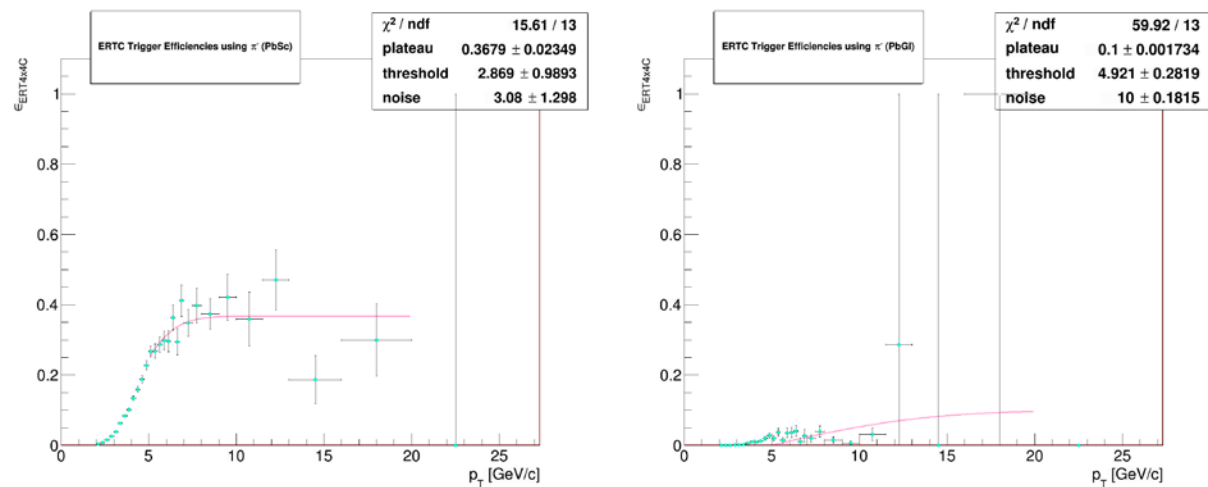
Charged pion analysis

Cross section study

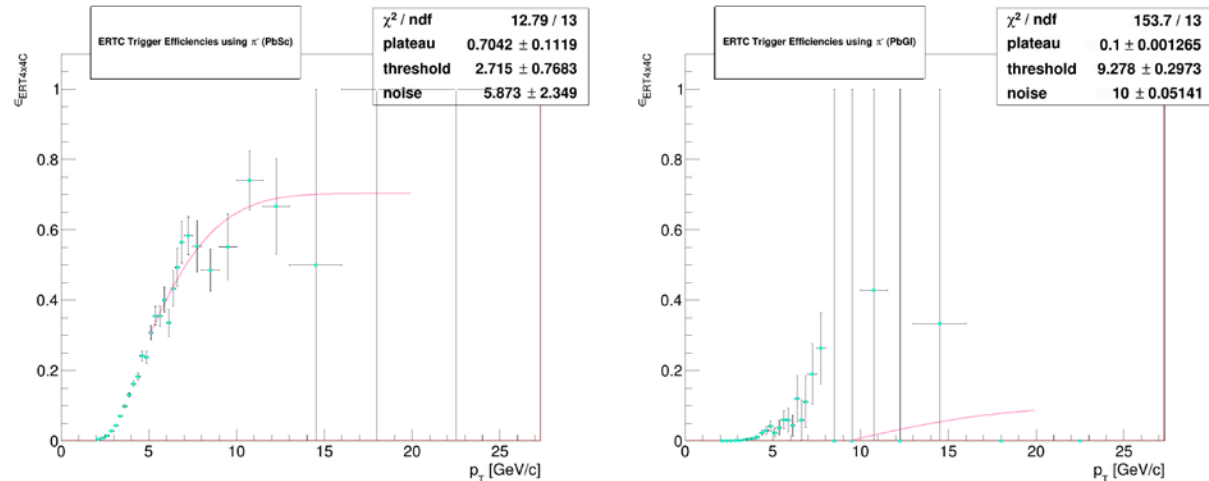
- Trigger Efficiency as function of p_T

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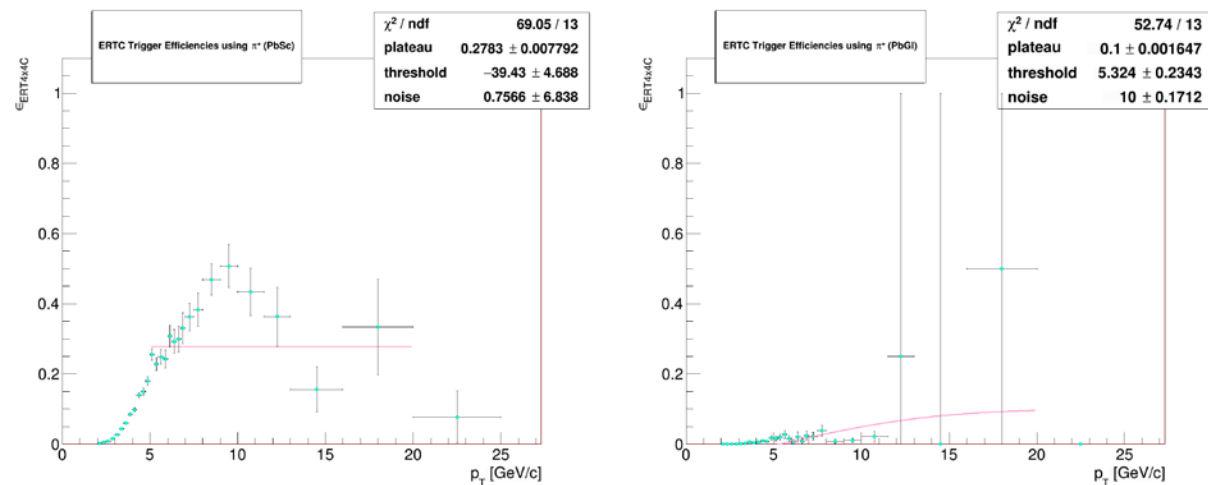
ERT Trigger Efficiency



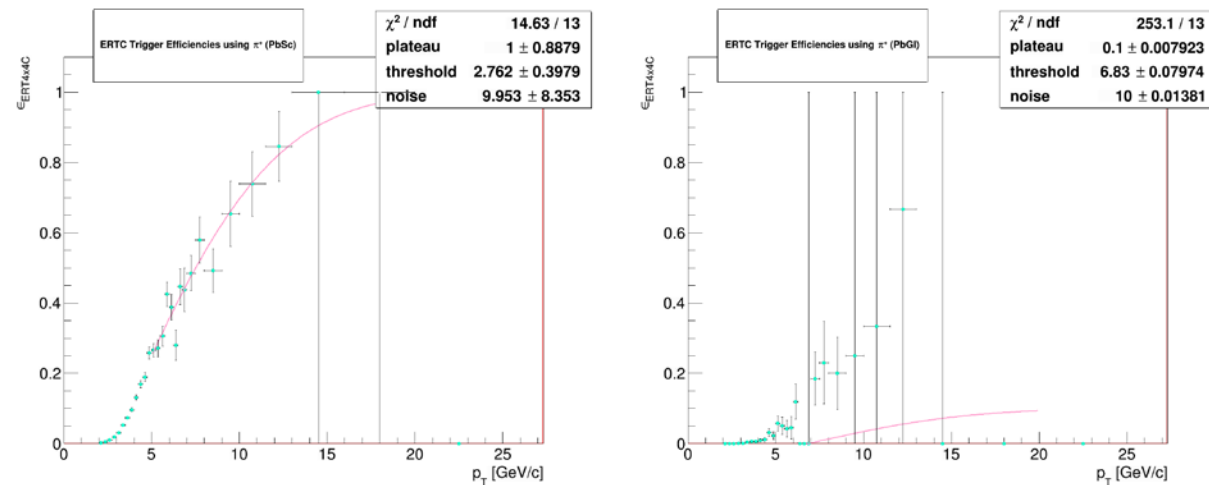
For π^-



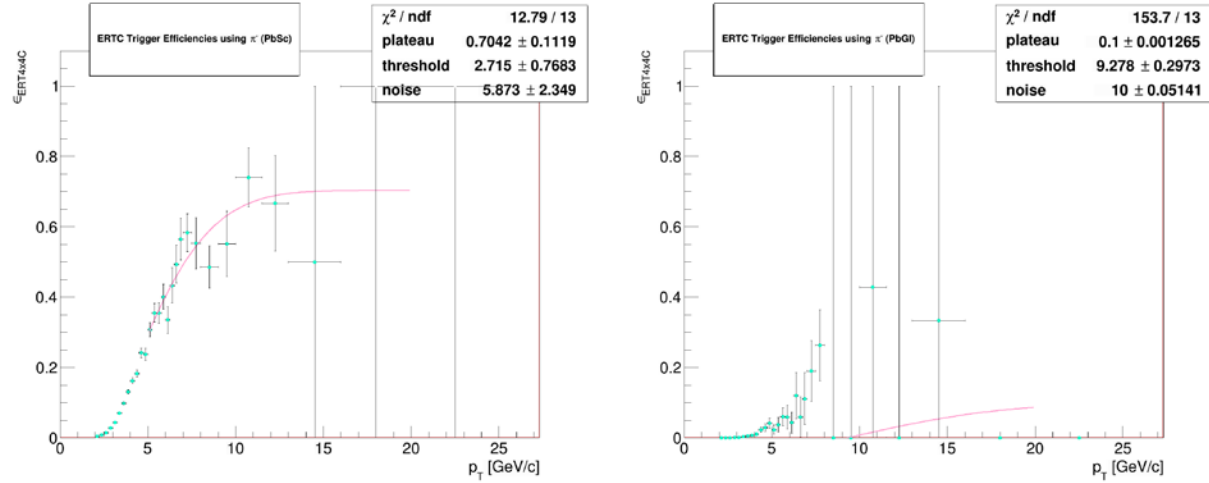
After Matching calibration



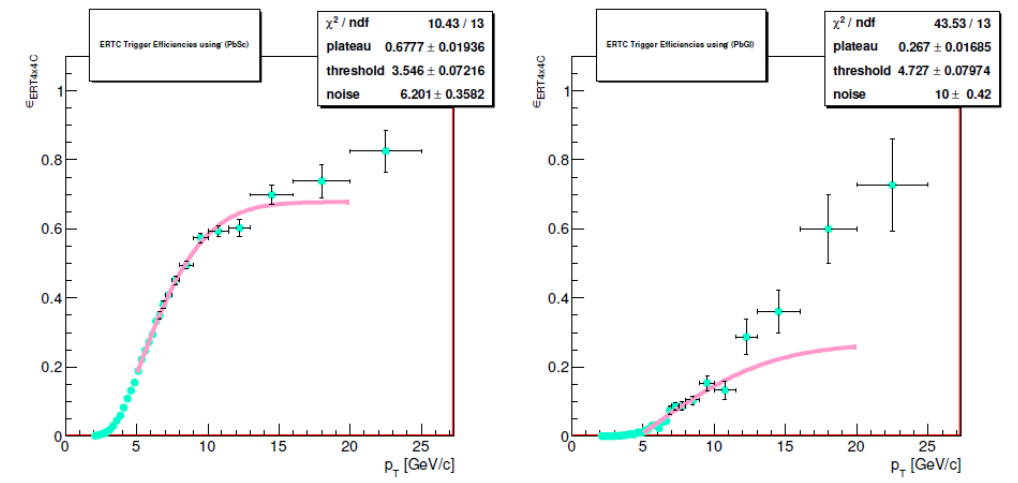
For π^+



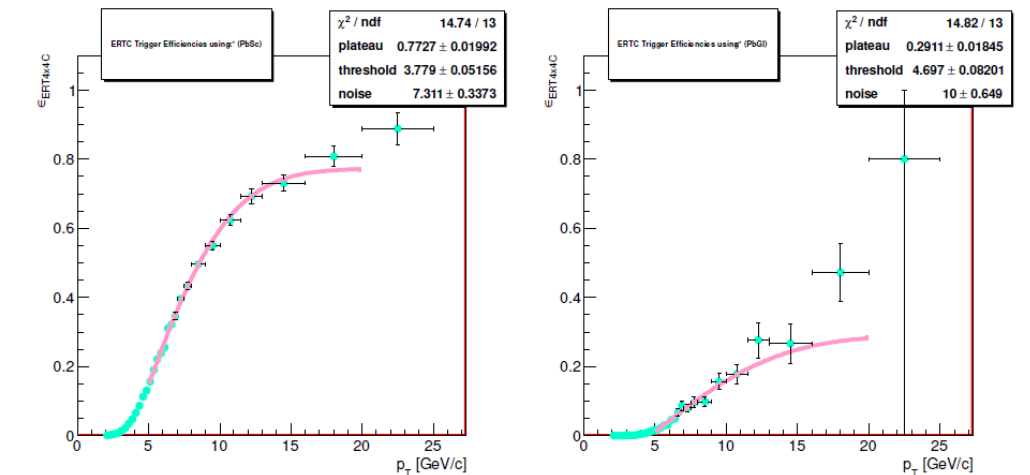
ERT Trigger Efficiency with/without matching calibration



Run15



(a) For π^-



Run13

(b) For π^+

Plan

- Calculation of Cross Section
 - Luminosity data <- It takes 1 week.
- Accurate Trigger efficiency <- I will add another dataset
 - ex) Run15pAu200CAFVTXPro108, Run15pAu200CAMUPro108

Thank you.