

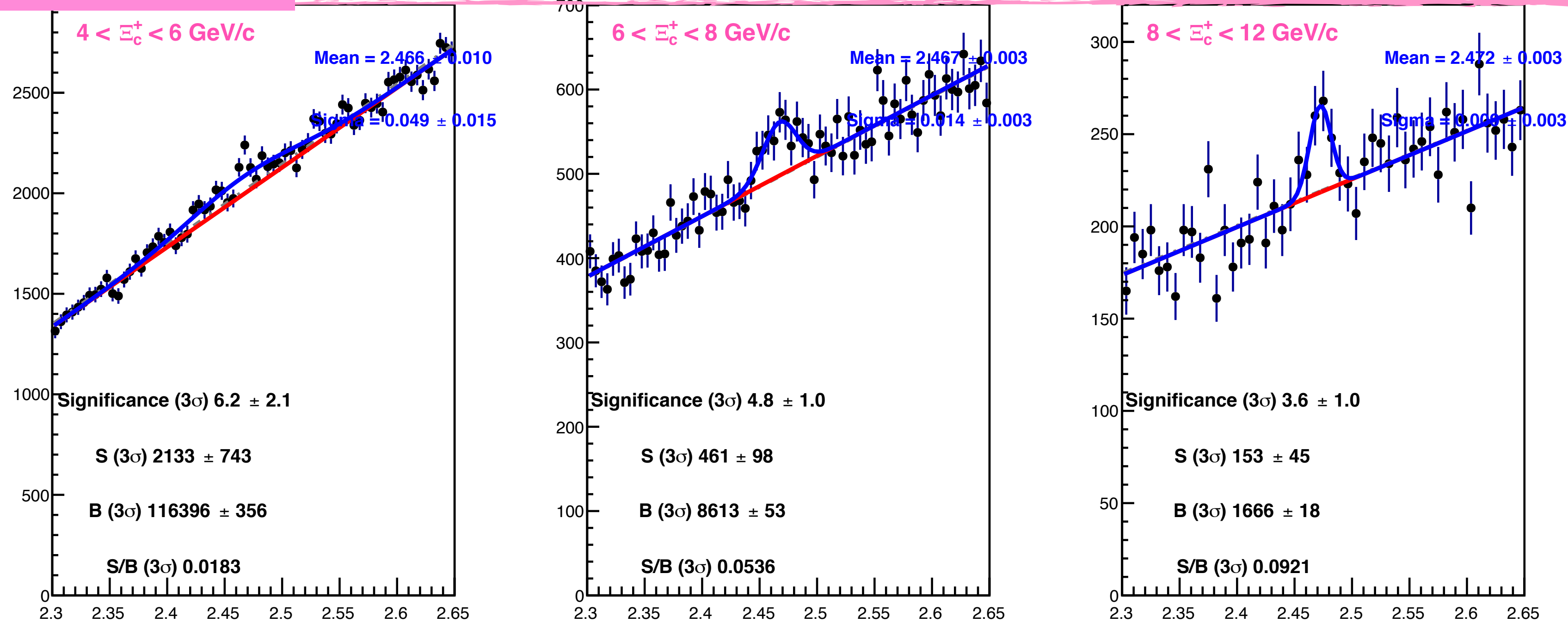
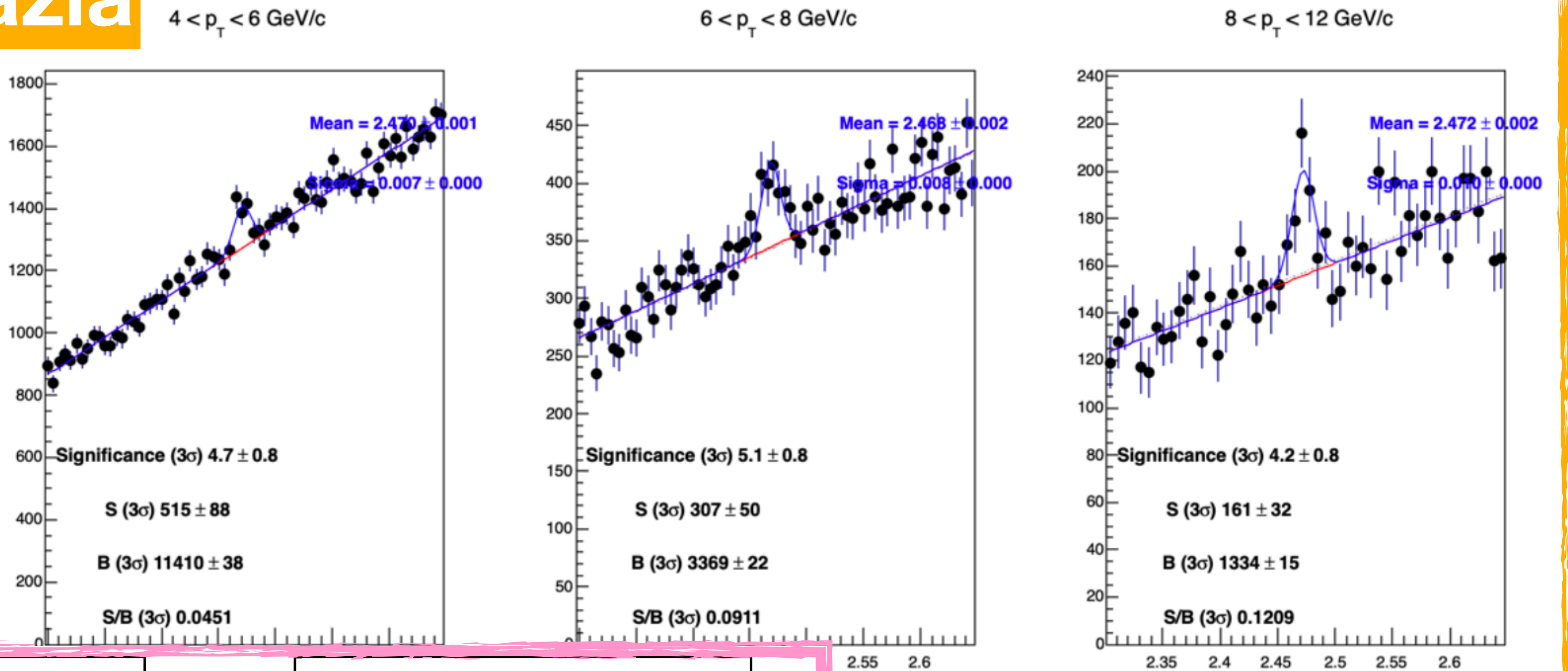
Status report

Grazia

◆ Fit the invariant mass of Ξ_c^+

- ✔ Make fit macro using “AliHFMassFitter”
- Fix the fit parameter which is obtained by the MC
- Make the MC samples using Lego Train

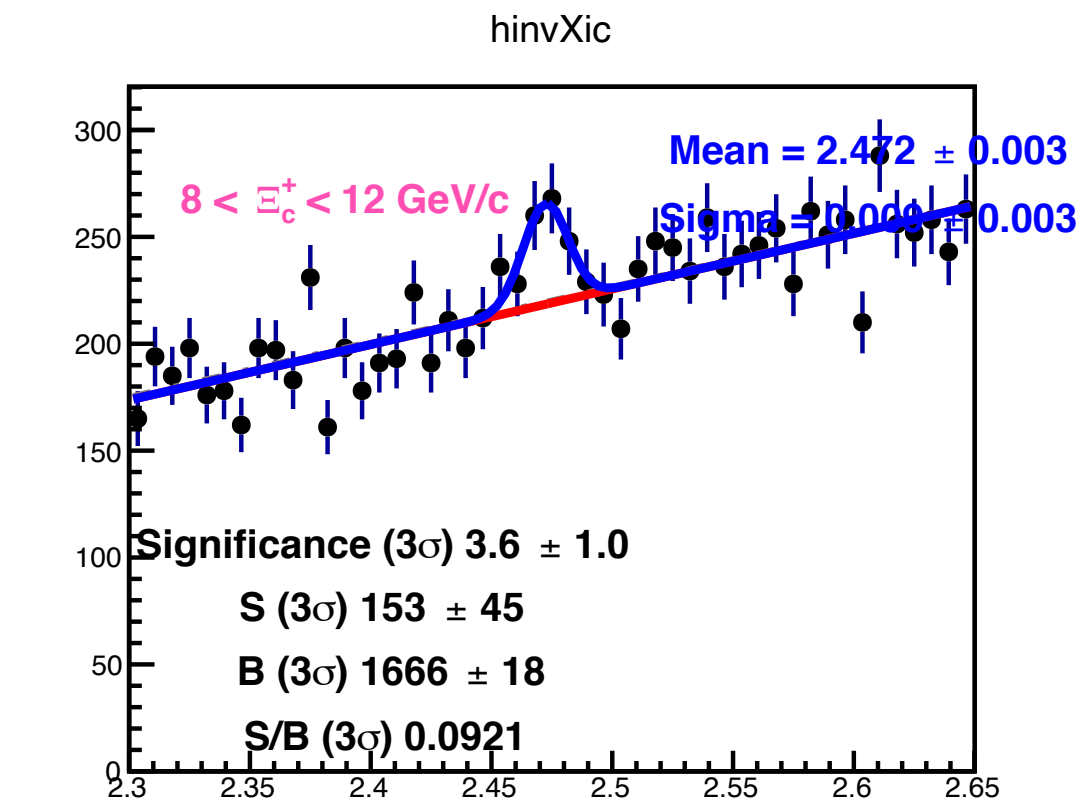
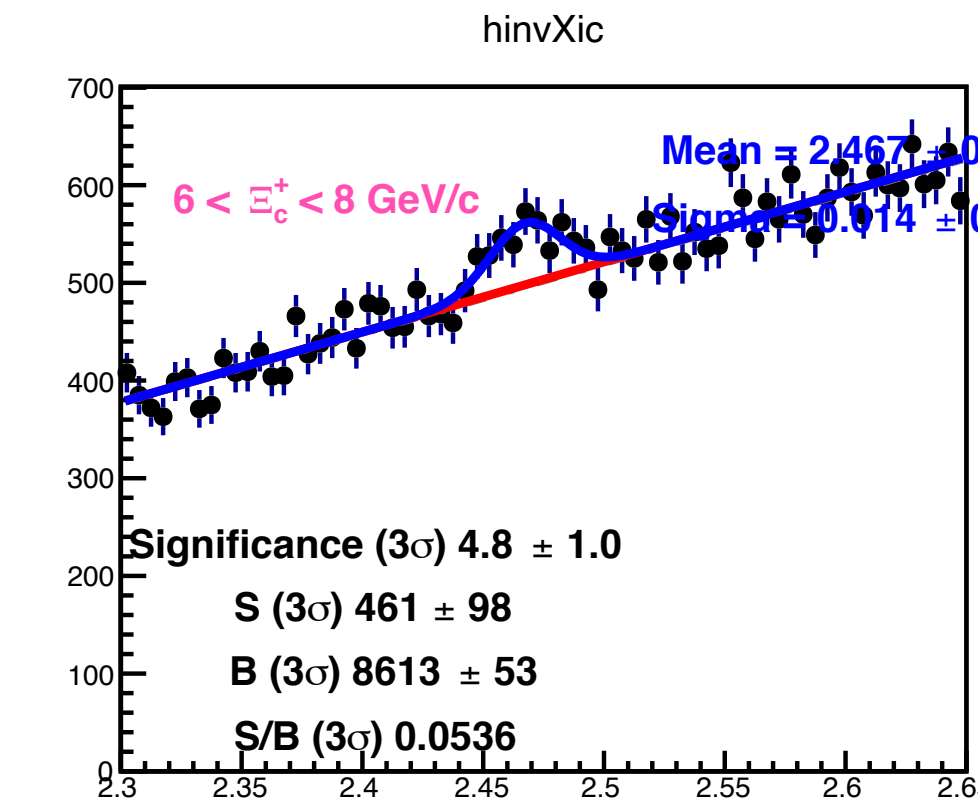
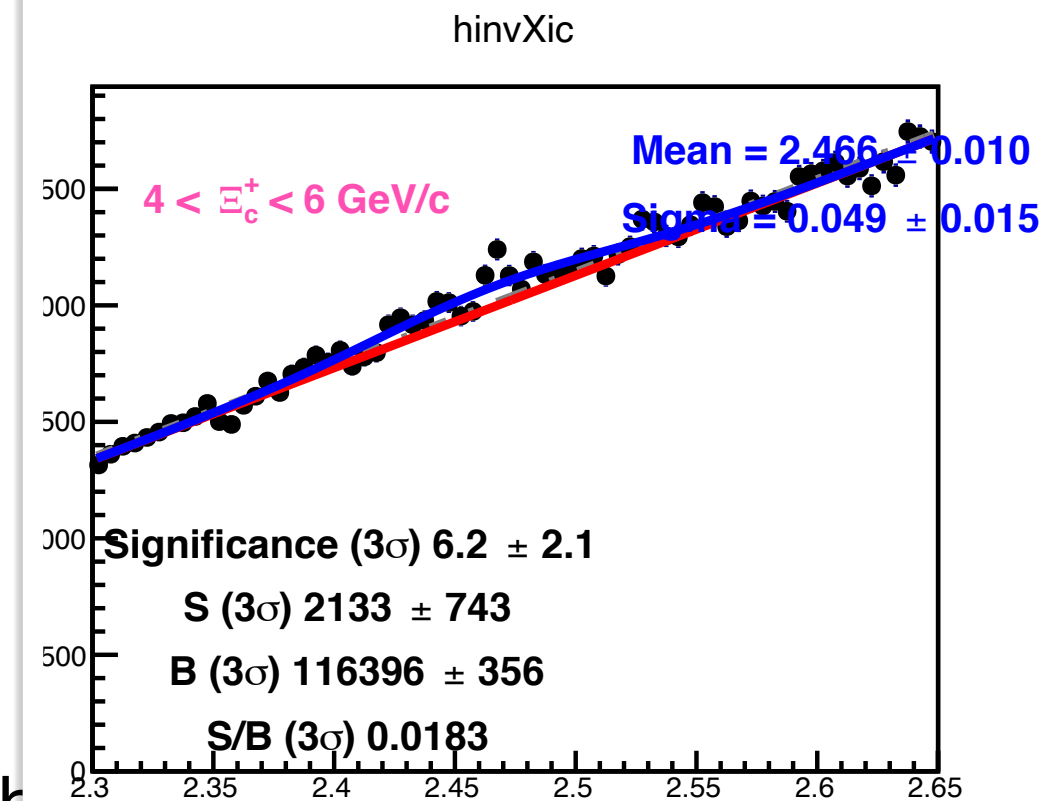
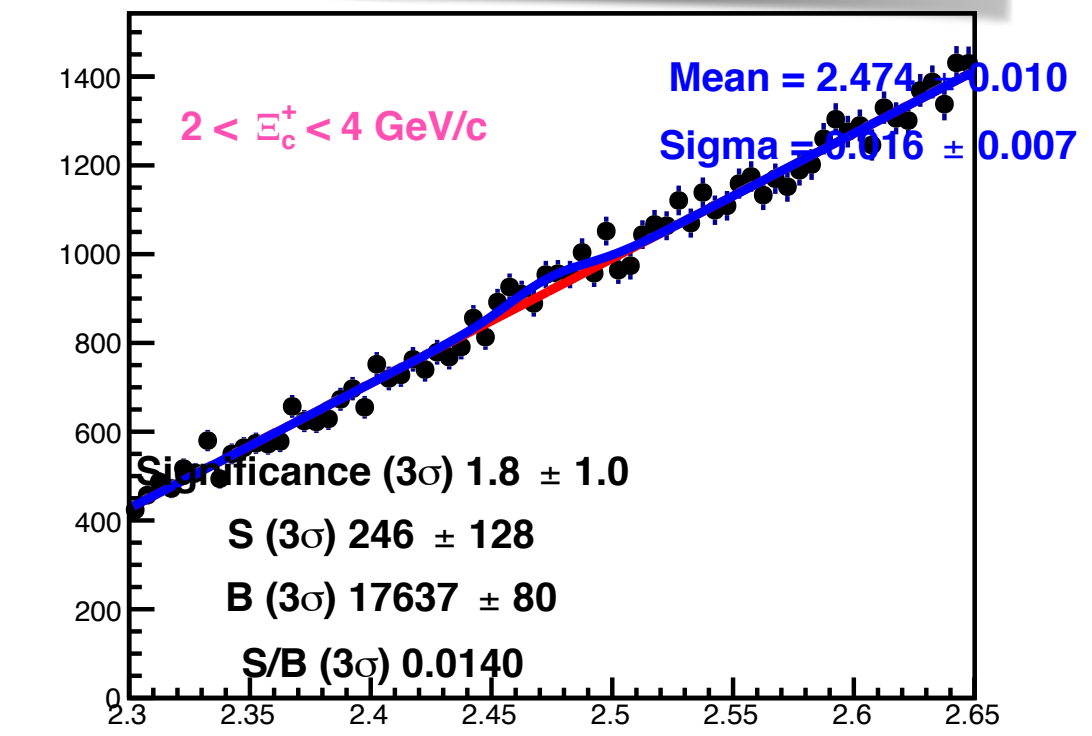
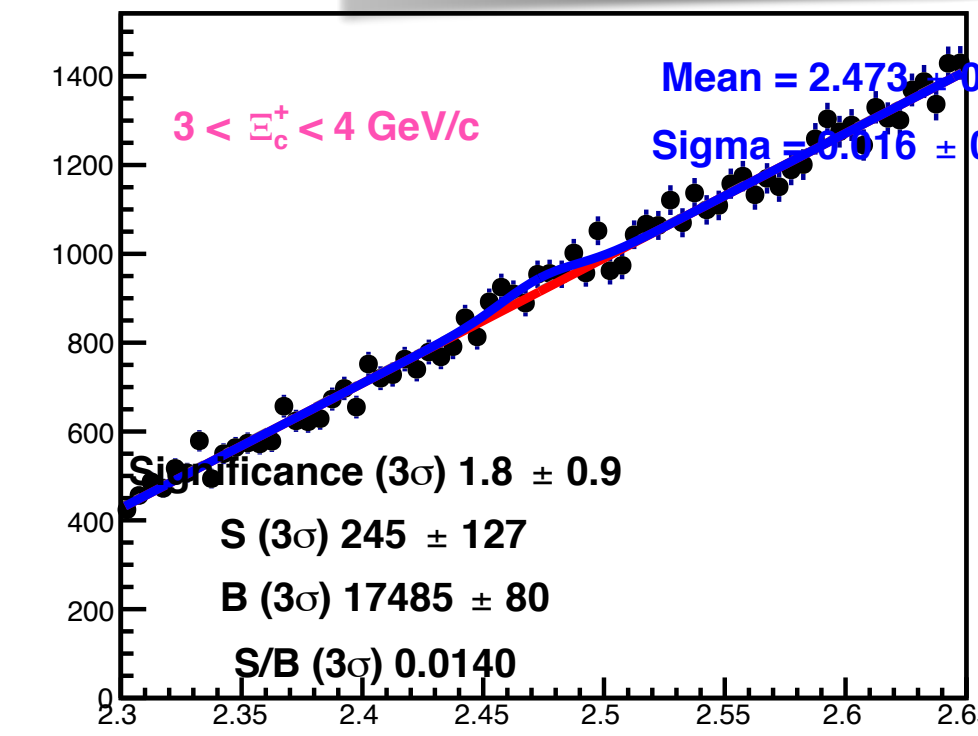
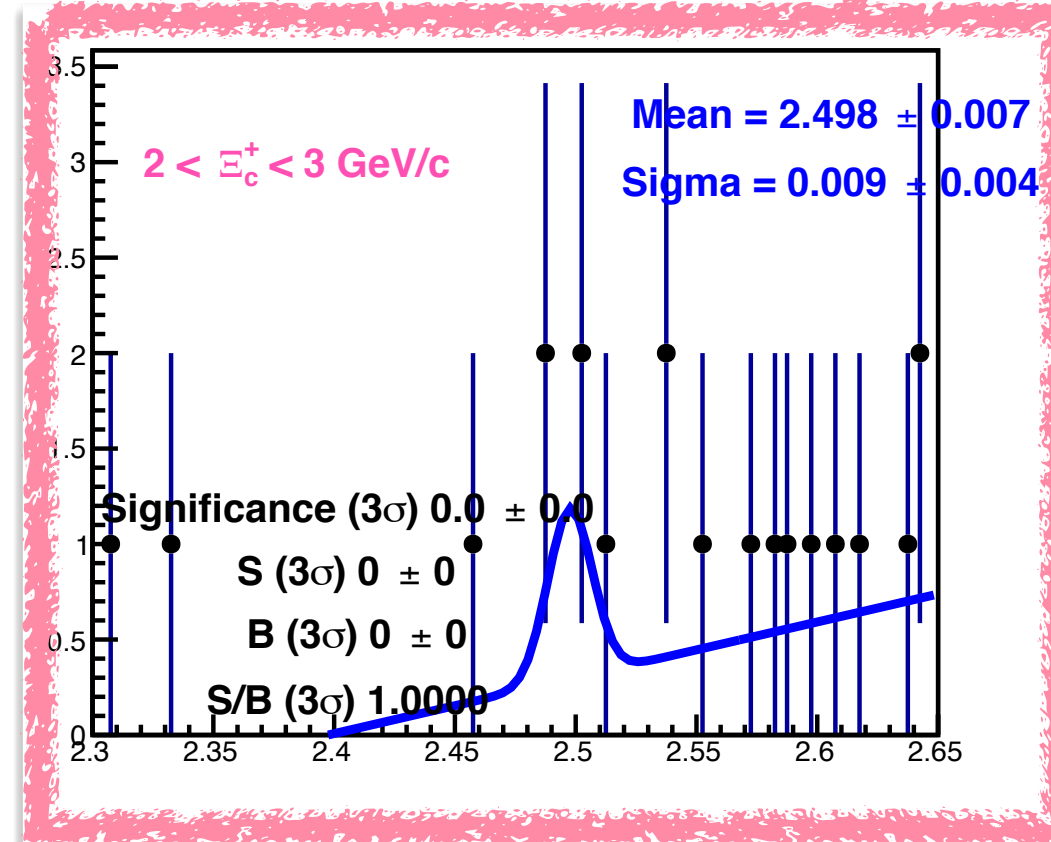
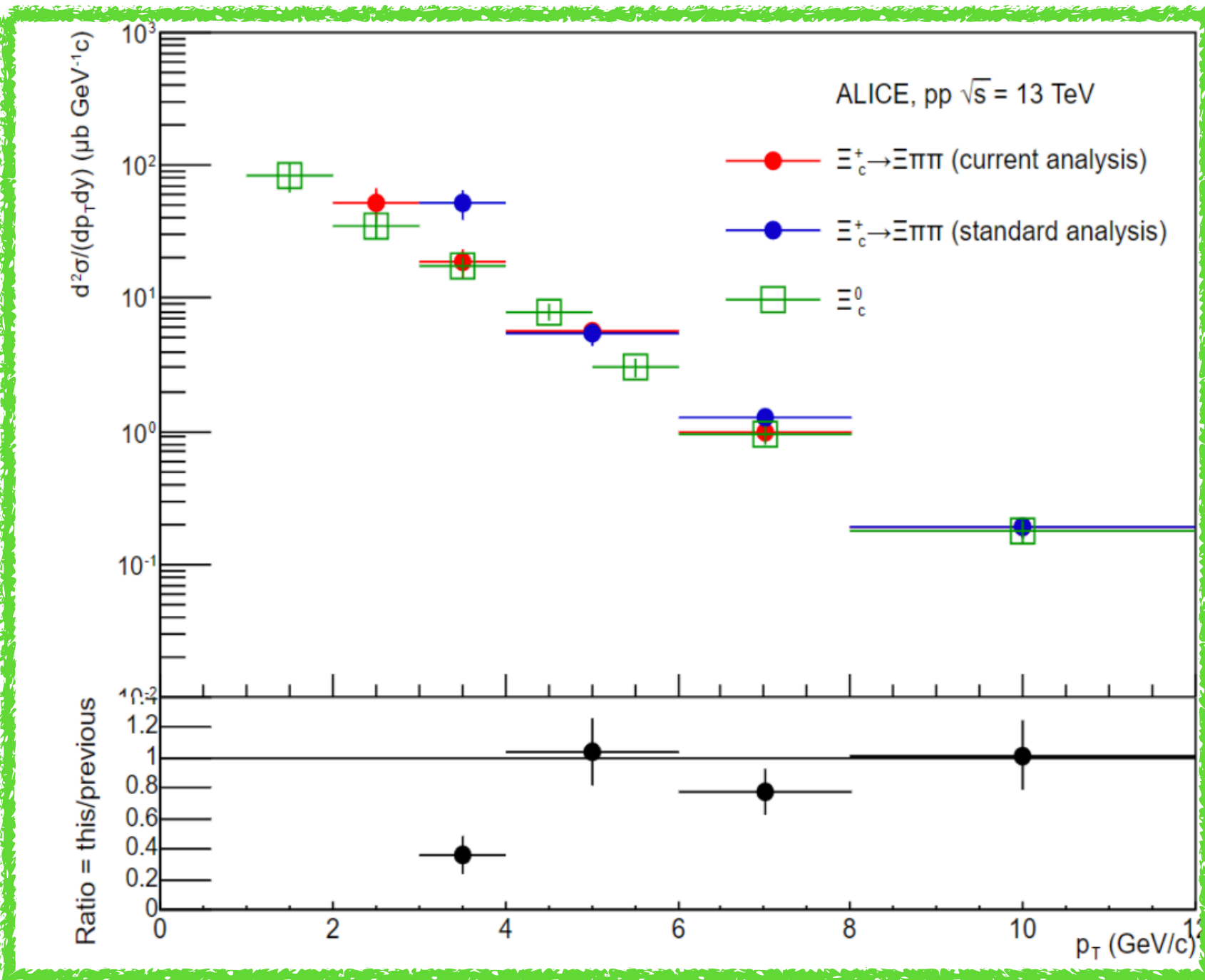
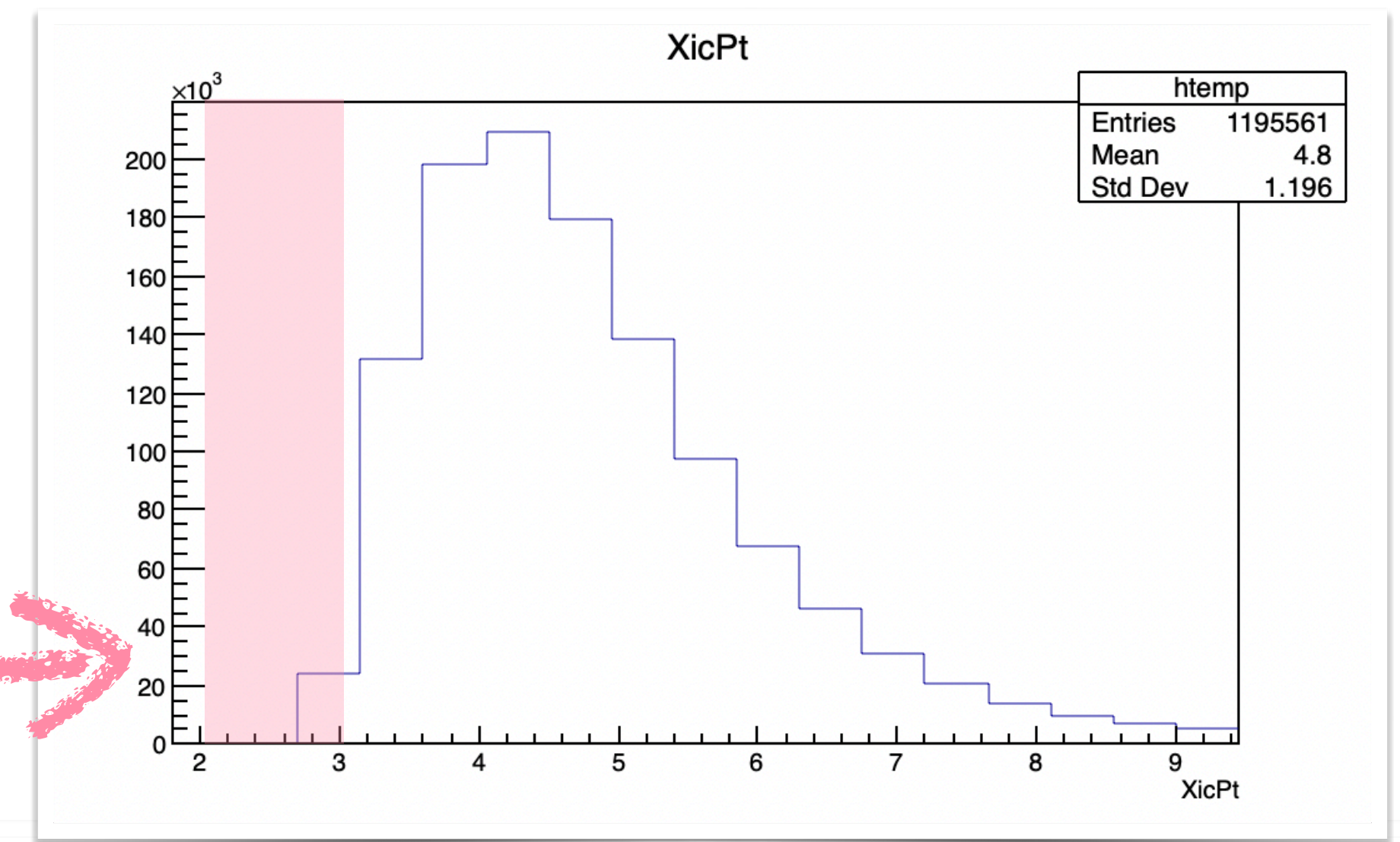
JaeYoon



Status report

◆ Add lower pT range

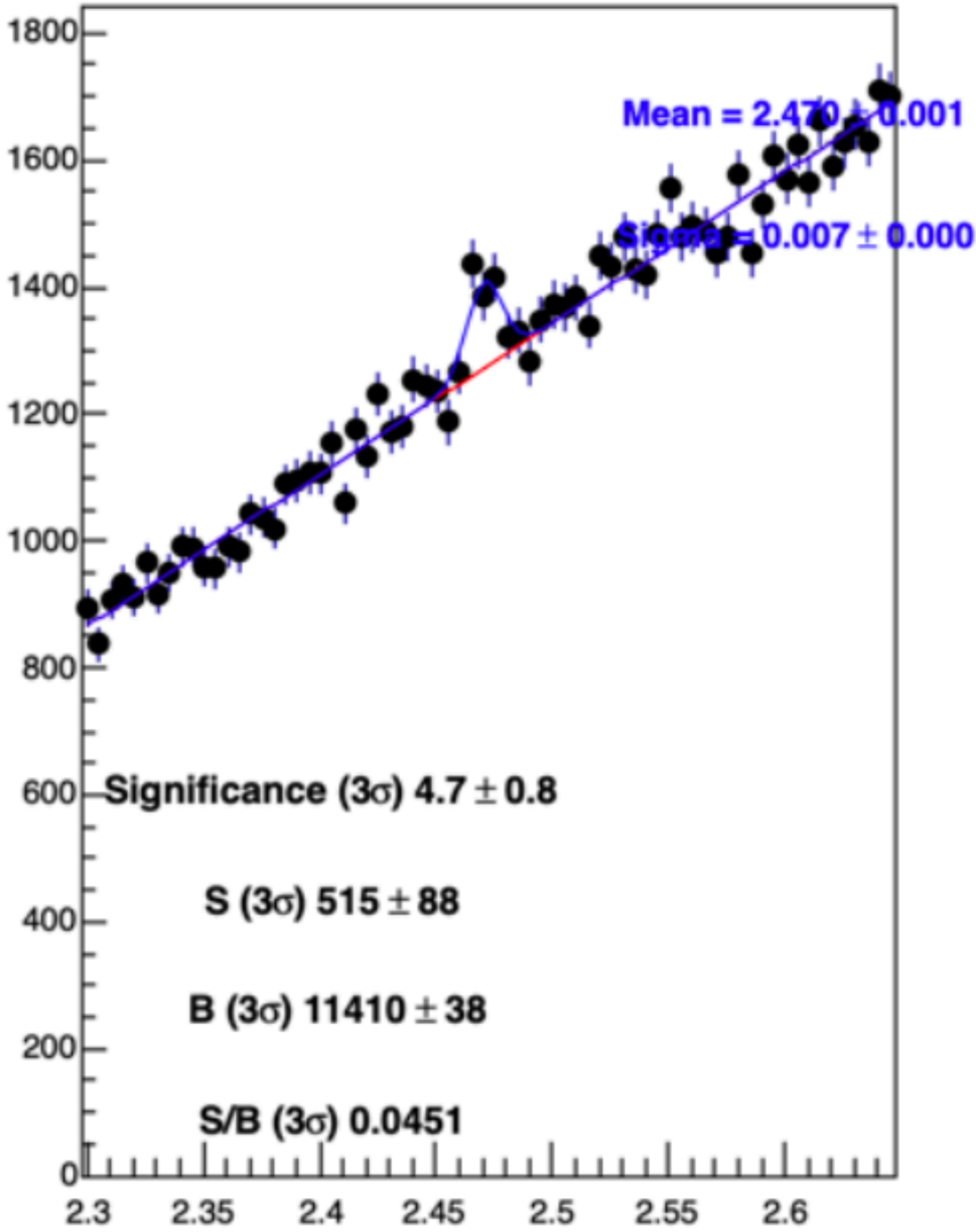
- Carolina reported the cross section of Ξ_c^+ in 3 - 4 GeV/c (2 - 3 GeV/c is quiet challenging now)
- Just add 2 - 3 GeV/c, 3 - 4 GeV/c, 2 - 4 GeV/c in my macro (not studied yet)



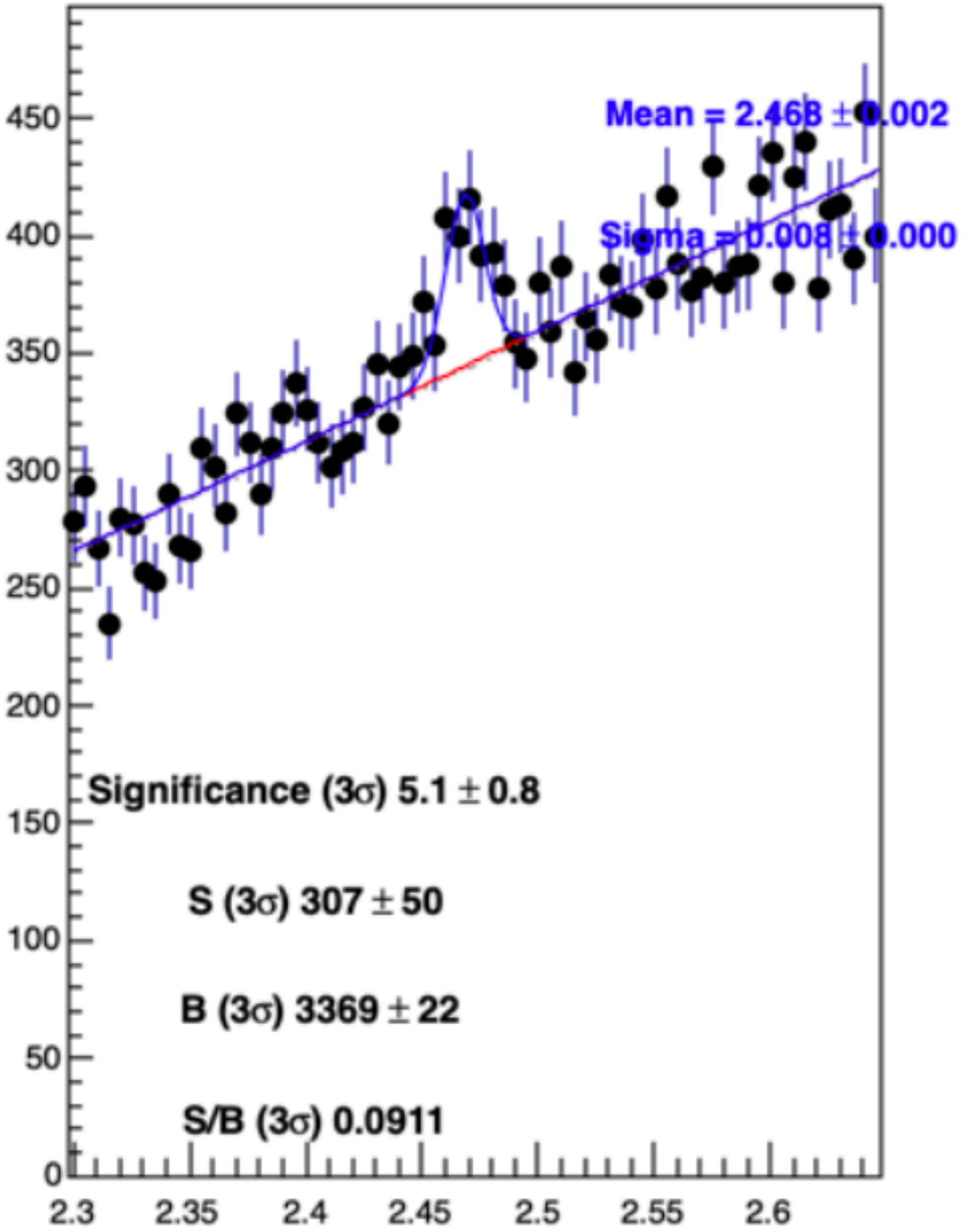
Back up

Previous Ξ_c^+ analysis by Grazia

$4 < p_T < 6 \text{ GeV}/c$



$6 < p_T < 8 \text{ GeV}/c$



$8 < p_T < 12 \text{ GeV}/c$

