

Applied Cuts

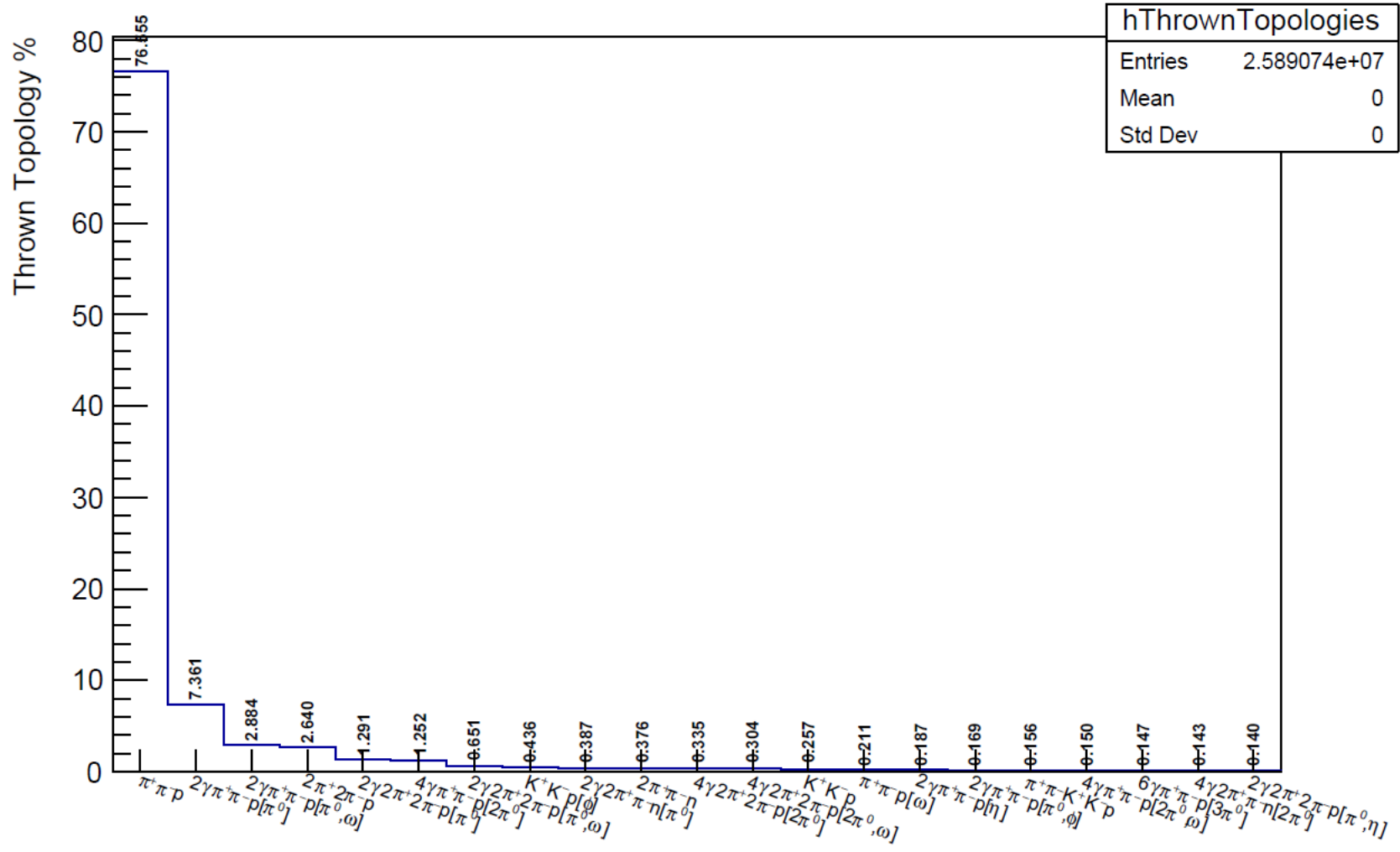
- $E_\gamma > 6.5 \text{ GeV}$
- $52 \text{ c.m} < Z_{\text{vertex}} < 78 \text{ c.m}$
- $0.5 < \text{MM2} < 1.5$ (Missing Mass Squared)
- $|t| > 1$ and $|u| > 1$
- (π^+p) Invariant Mass > 1.8 && (π^-p) Invariant Mass > 1.8
- Coplanarity between Rho and proton: $165 < \Delta\phi_{(\rho-p)} < 195$ degree.

- $-0.5 < \text{MM2} < 0.5$ for Bggen data

Bggen Study of batch-01-ver03-31-20220210010210pm/hddm (Proton Target)

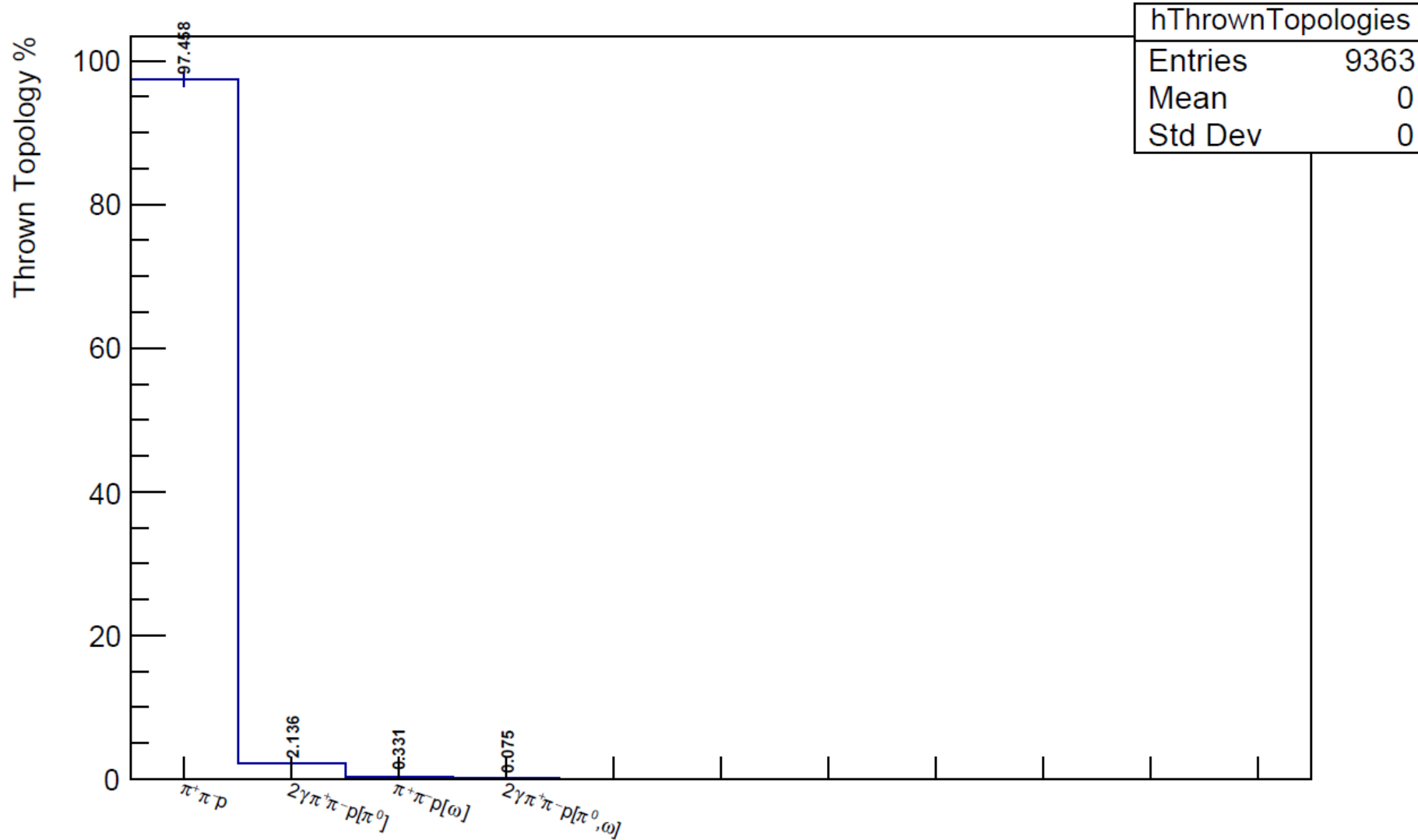
No cuts applied

hThrownTopologies

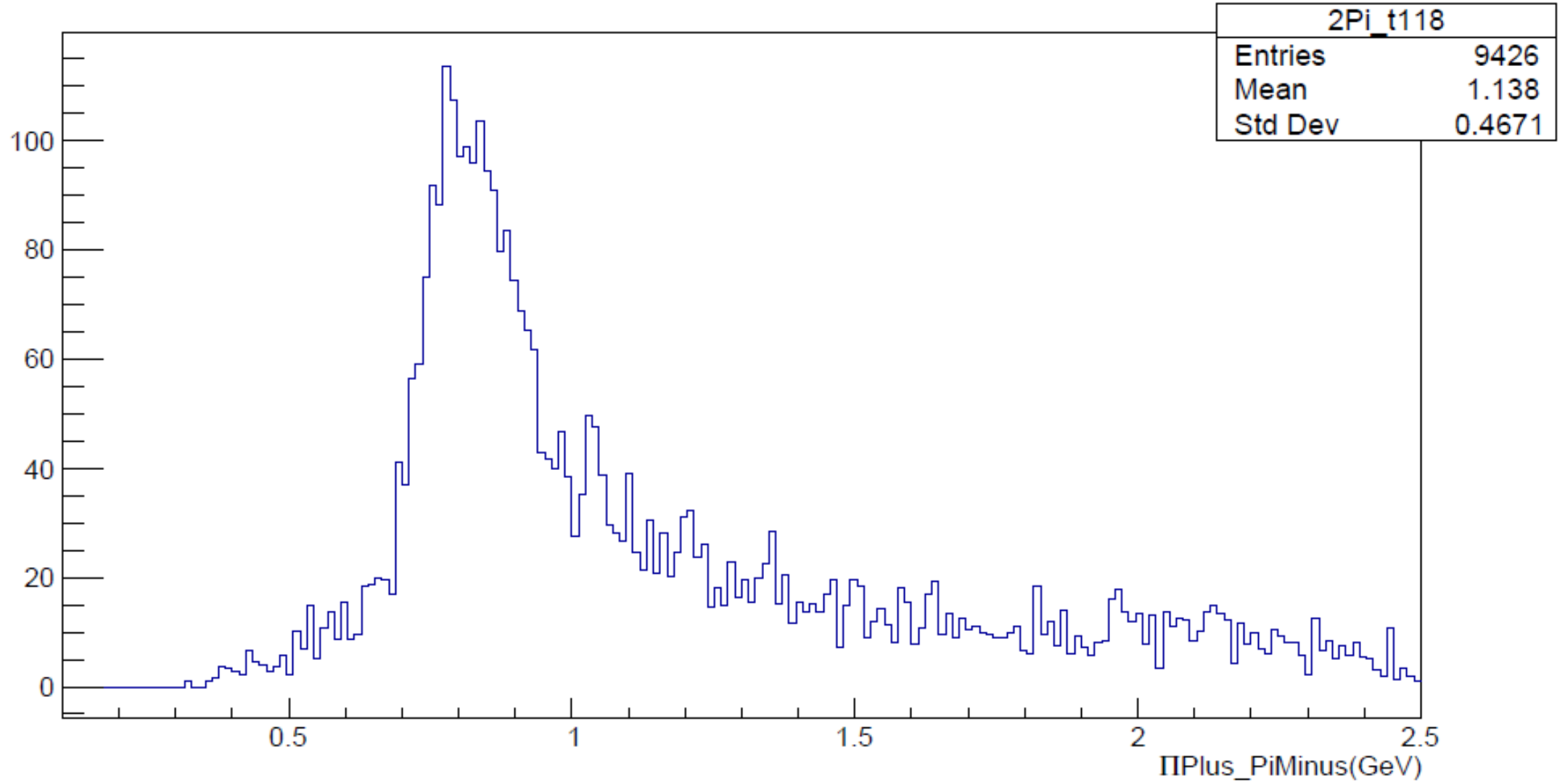


KinFit Cut applied $\chi^2/\text{ndf} < 5$

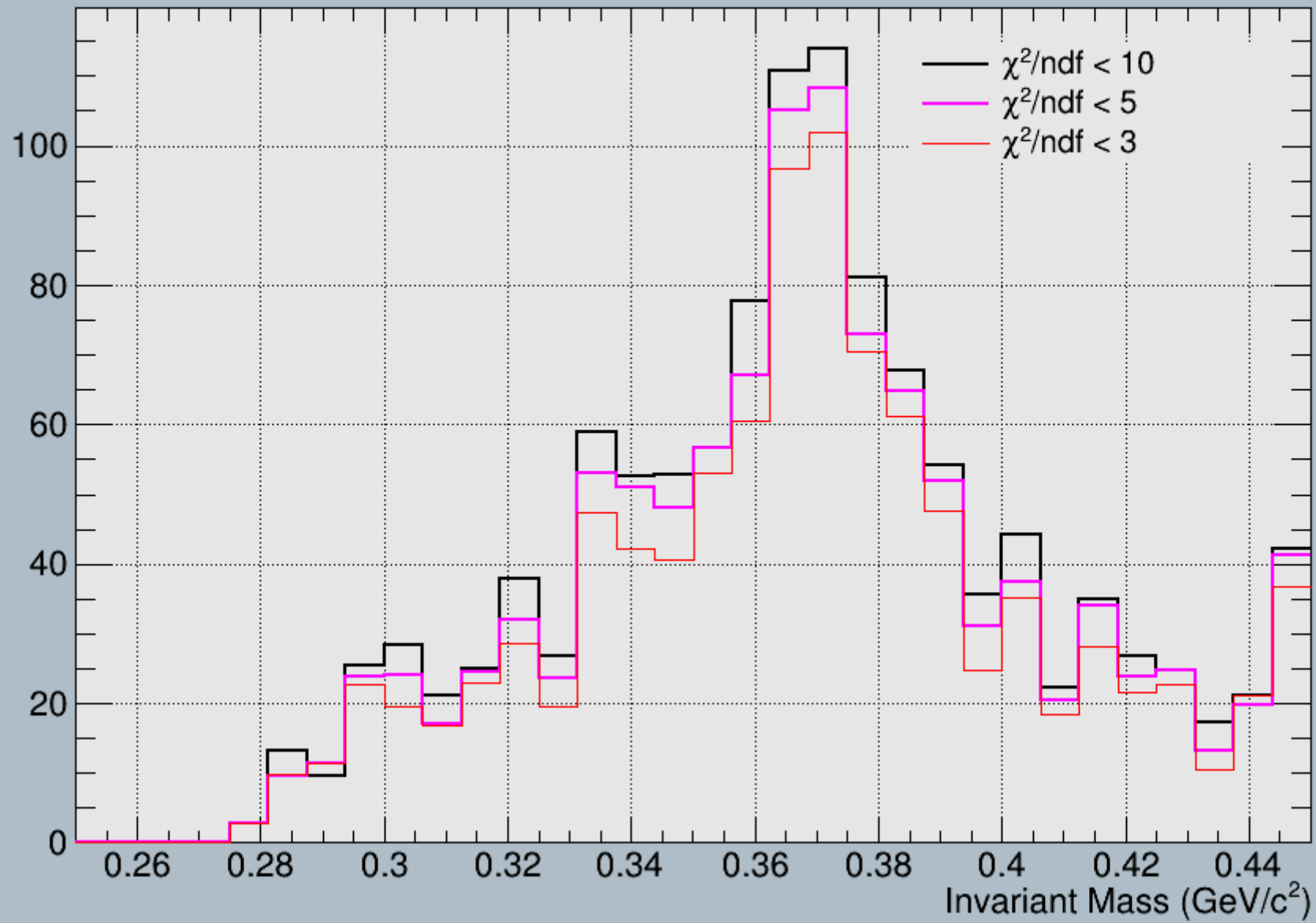
hThrownTopologies



Invariant Mass of PiPlus PiMinus in Bggen data.



$\pi^+\pi^-$ Mass for range (0.1, 0.5)



$\pi^+\pi^-$ Mass

