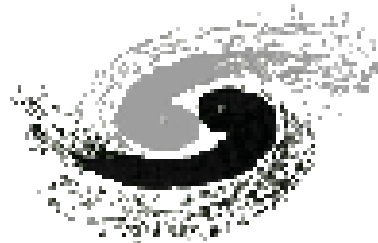
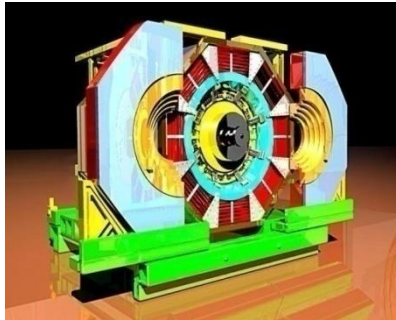


Phase Measurement in $e^+e^- \rightarrow p\bar{p}$ with J/ψ scan data (update)

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BESIII-Italia

Torino, Italy

September 28, 2022

Guangshun's comment

You compared the cross section at 3.0 GeV with Ref.29 and found good agreement. Did you ever try using the selections of Ref.29 for all energy points? That was reviewed critically. Yadi is an author for both works, so it should be easy to perform the check.

Extraction of time information

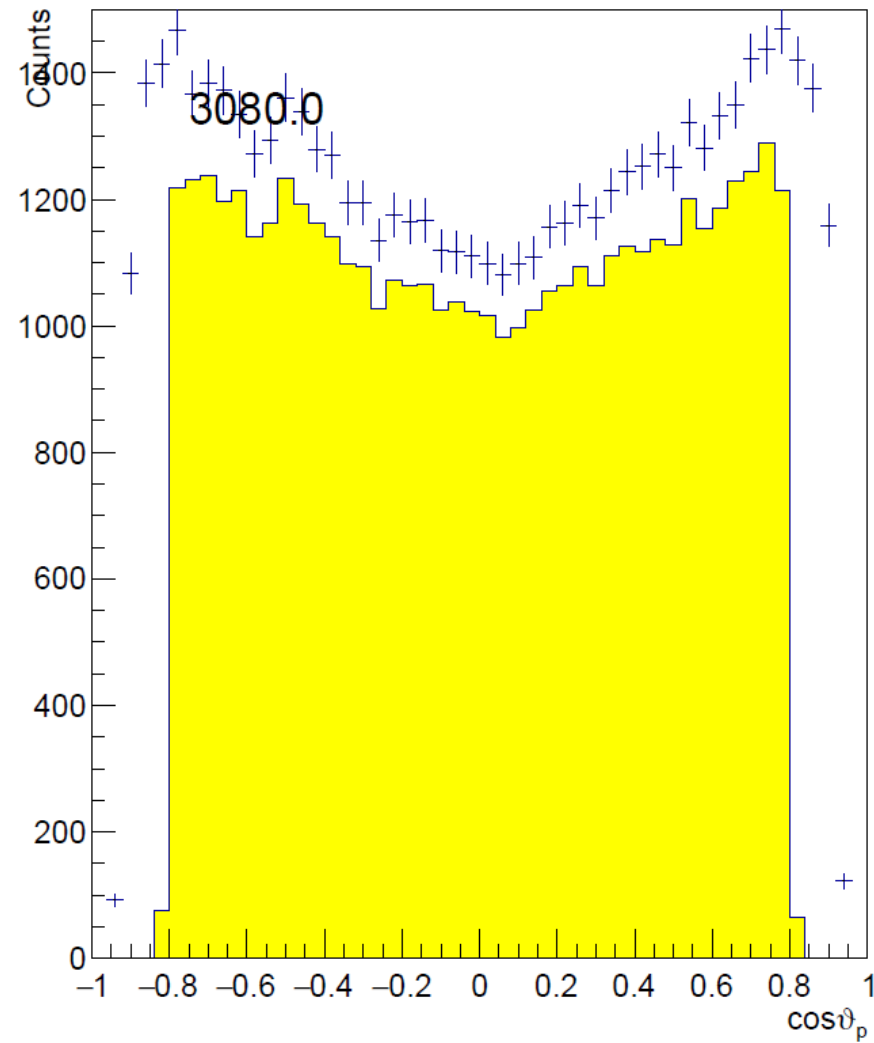
Rerun the analysis on real data (3080.0 MeV)

Angular distribution

Yadi: dots

Marco: yellow

Different
acceptance

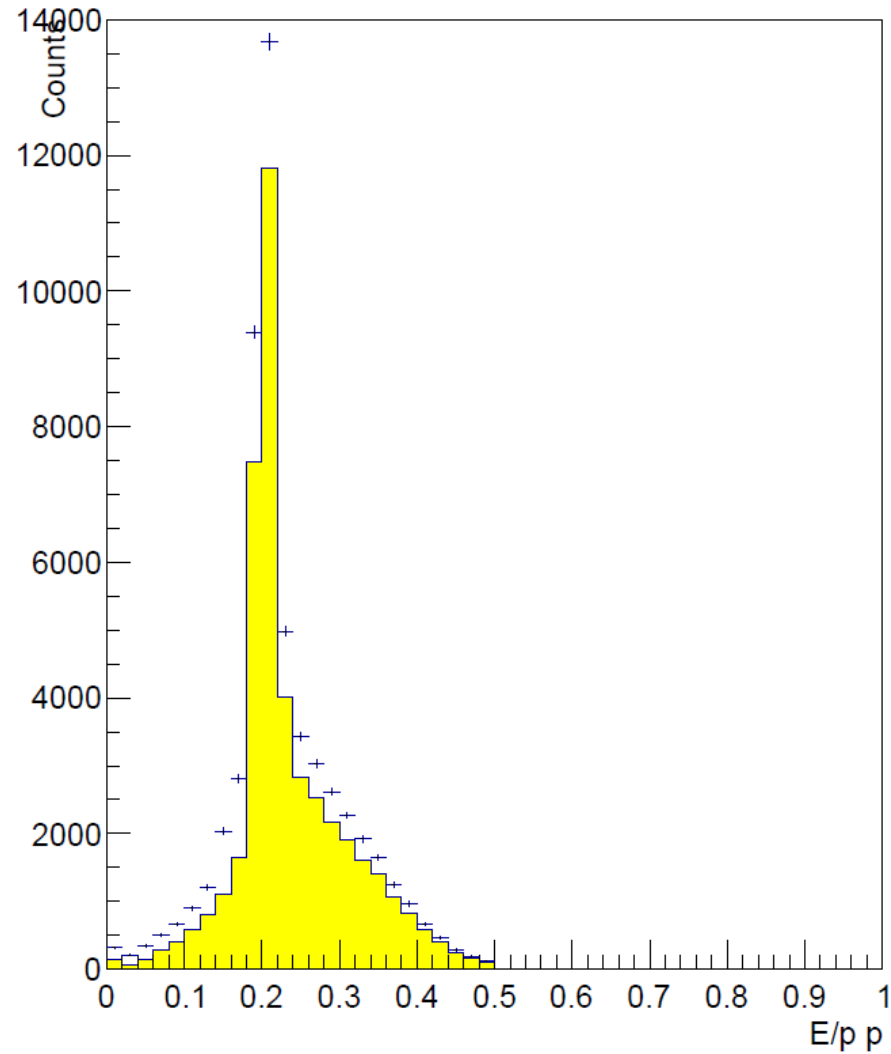


Ep/p distributions

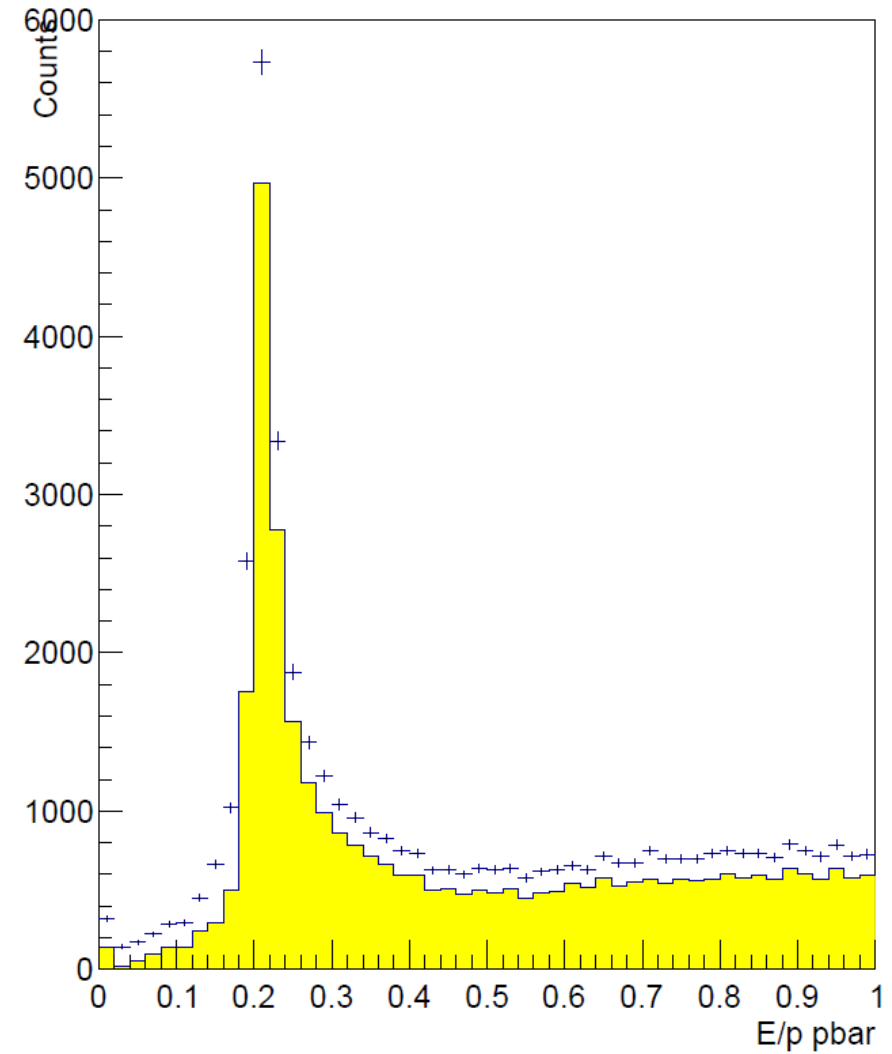
Yadi: dots

Marco: yellow

Proton



Antiproton

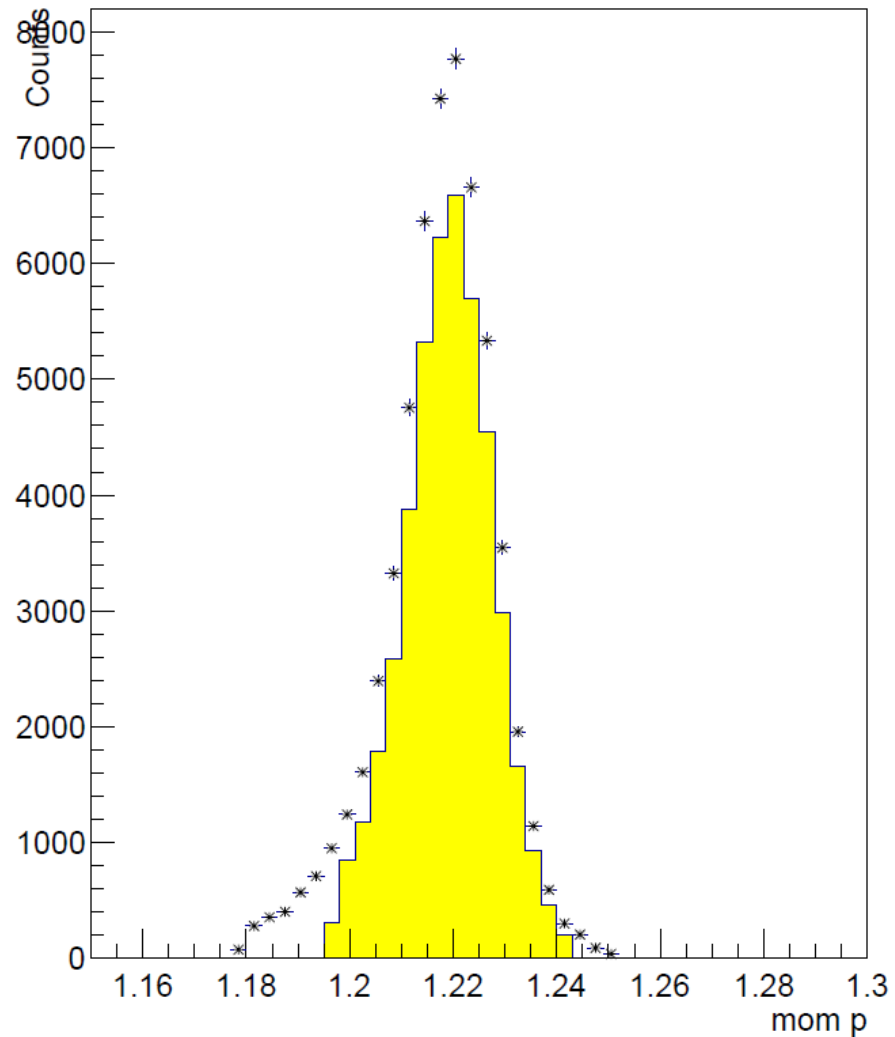


Momenta distributions

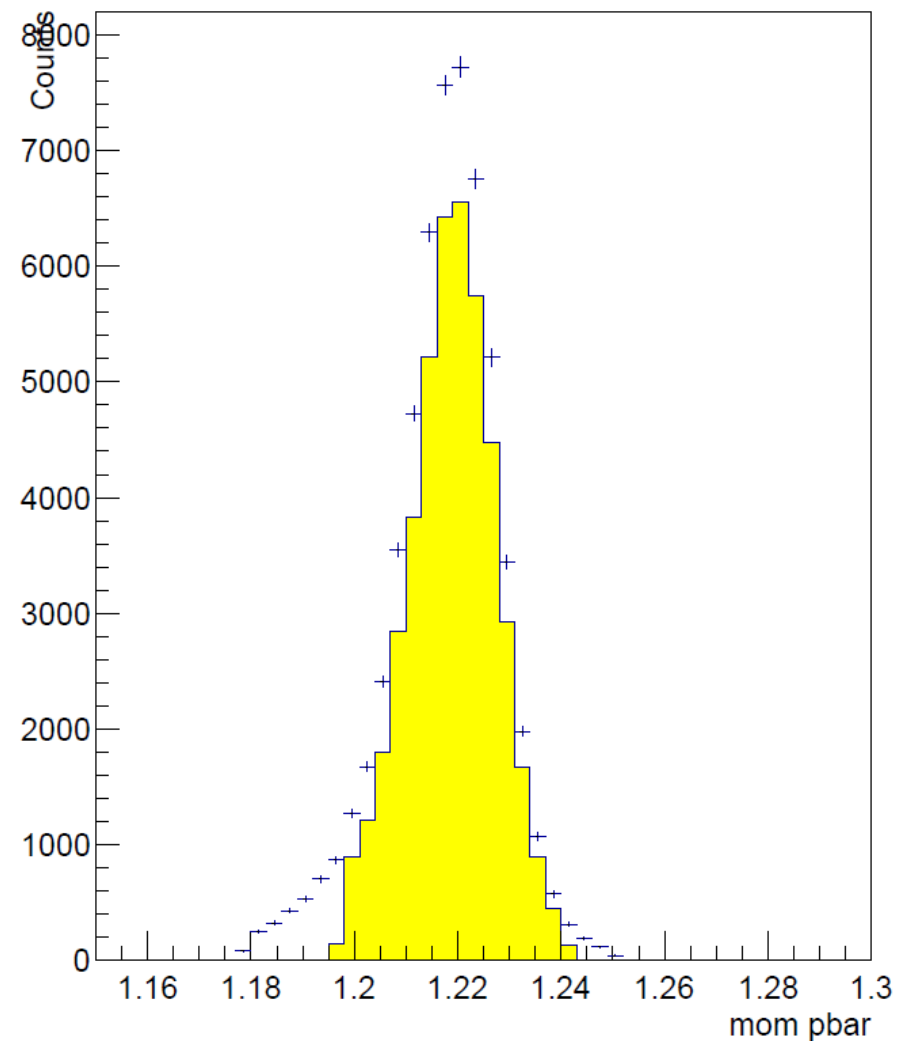
Yadi: dots

Marco: yellow

Proton



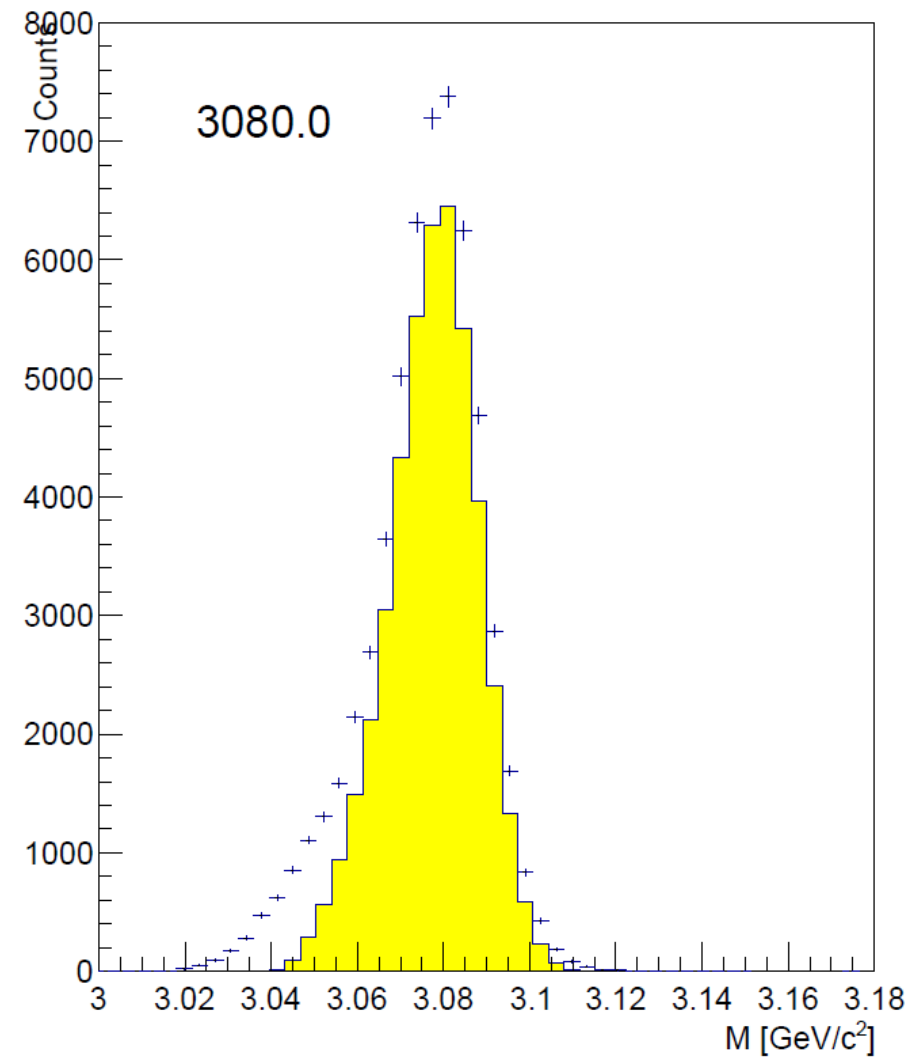
Antiproton



Invariant mass distributions

Yadi: dots

Marco: yellow

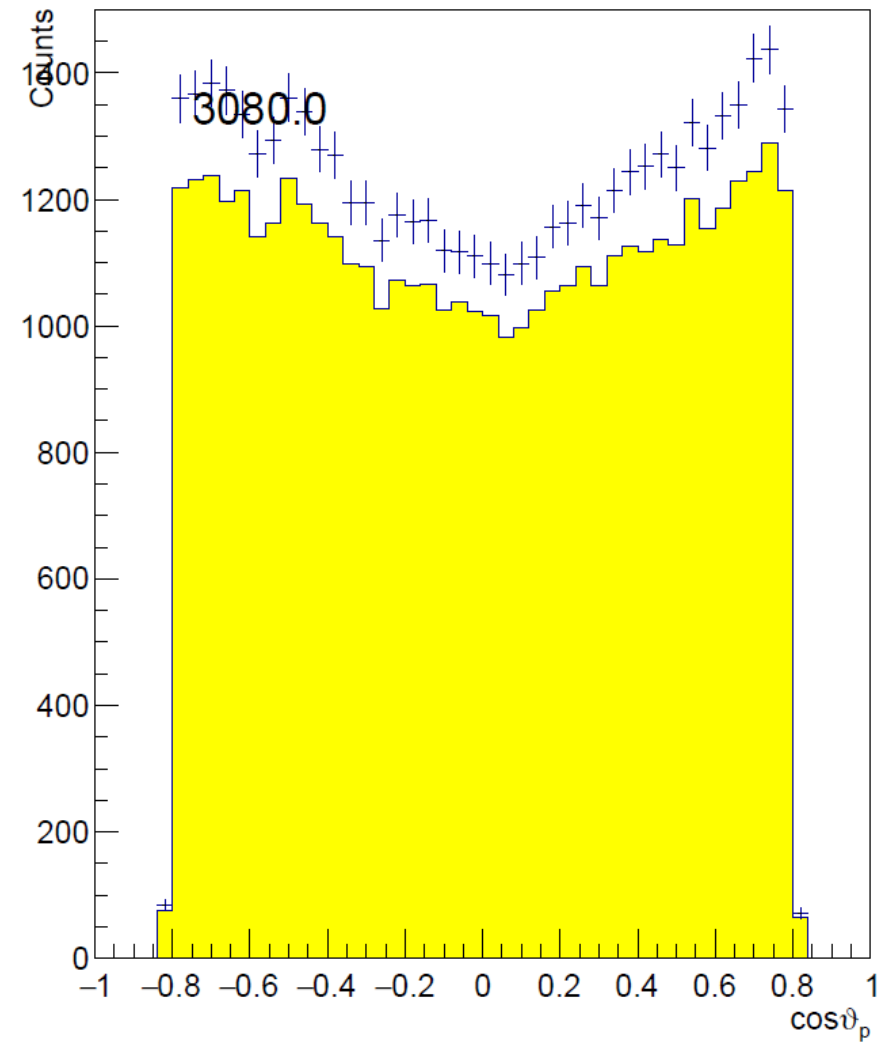


Angular distribution

Yadi: dots

Marco: yellow

Same
acceptance

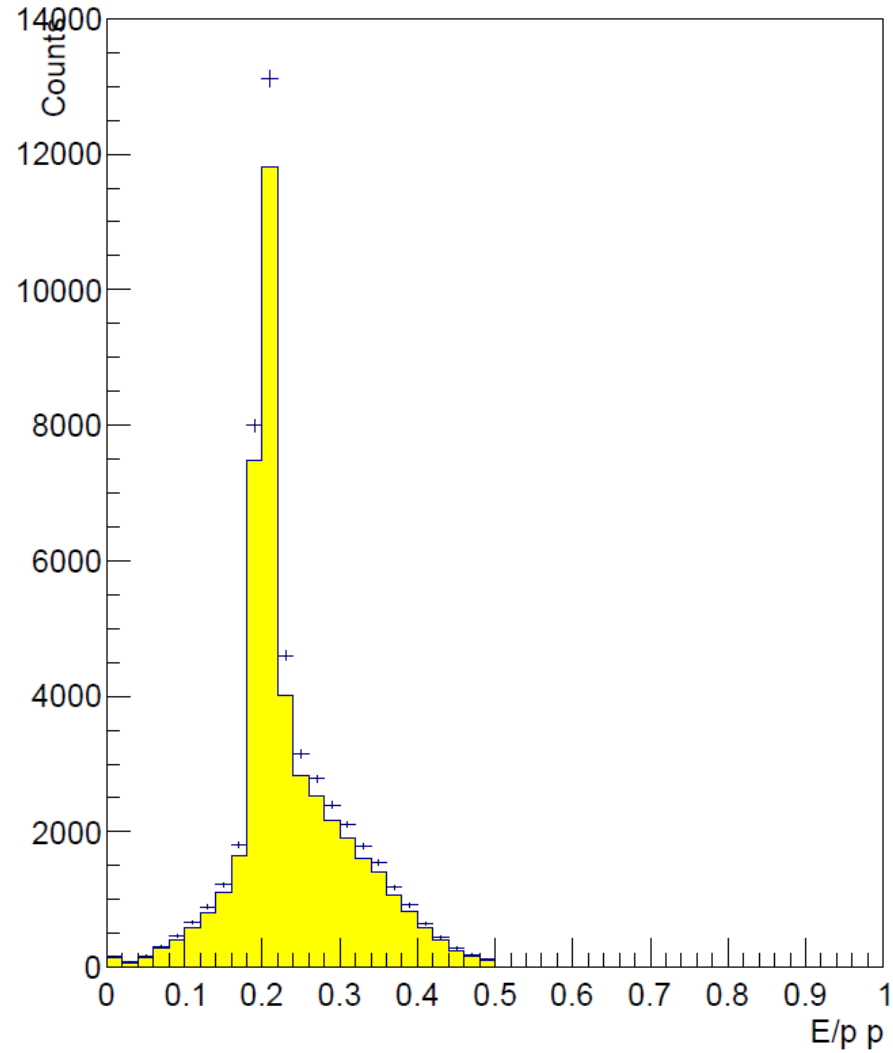


Ep/p distributions

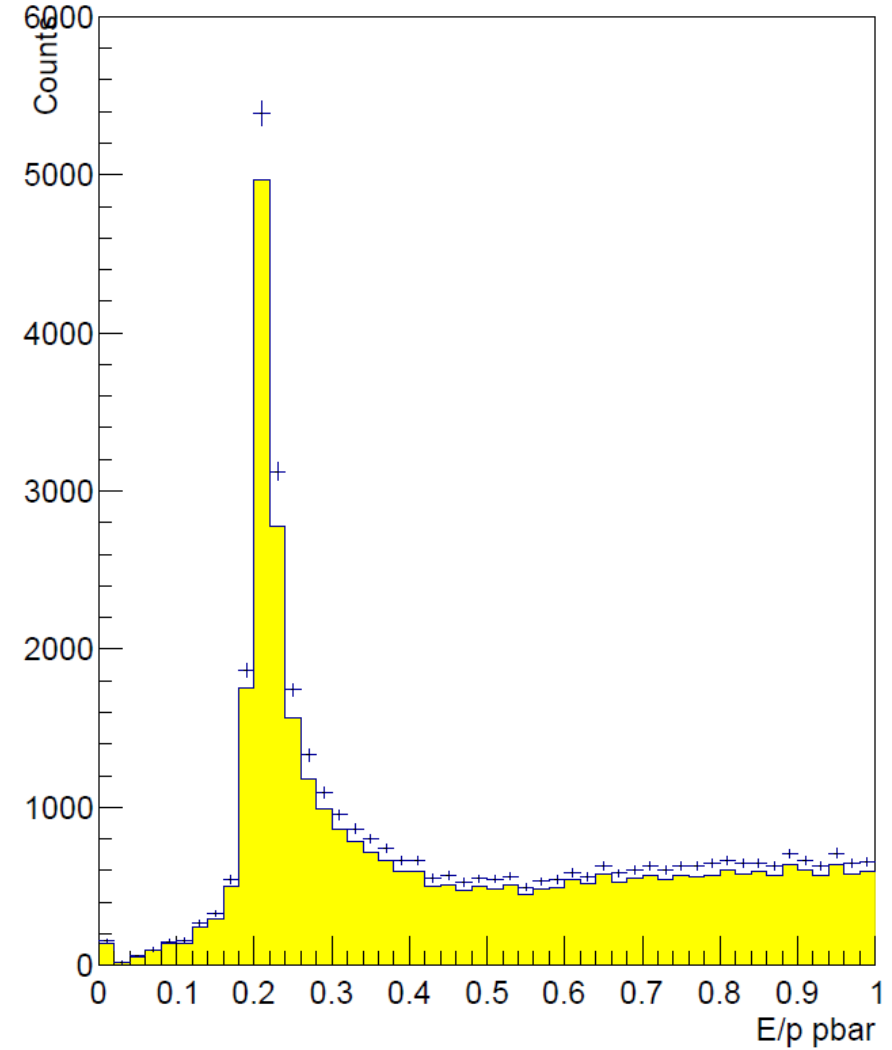
Yadi: dots

Marco: yellow

Proton



Antiproton

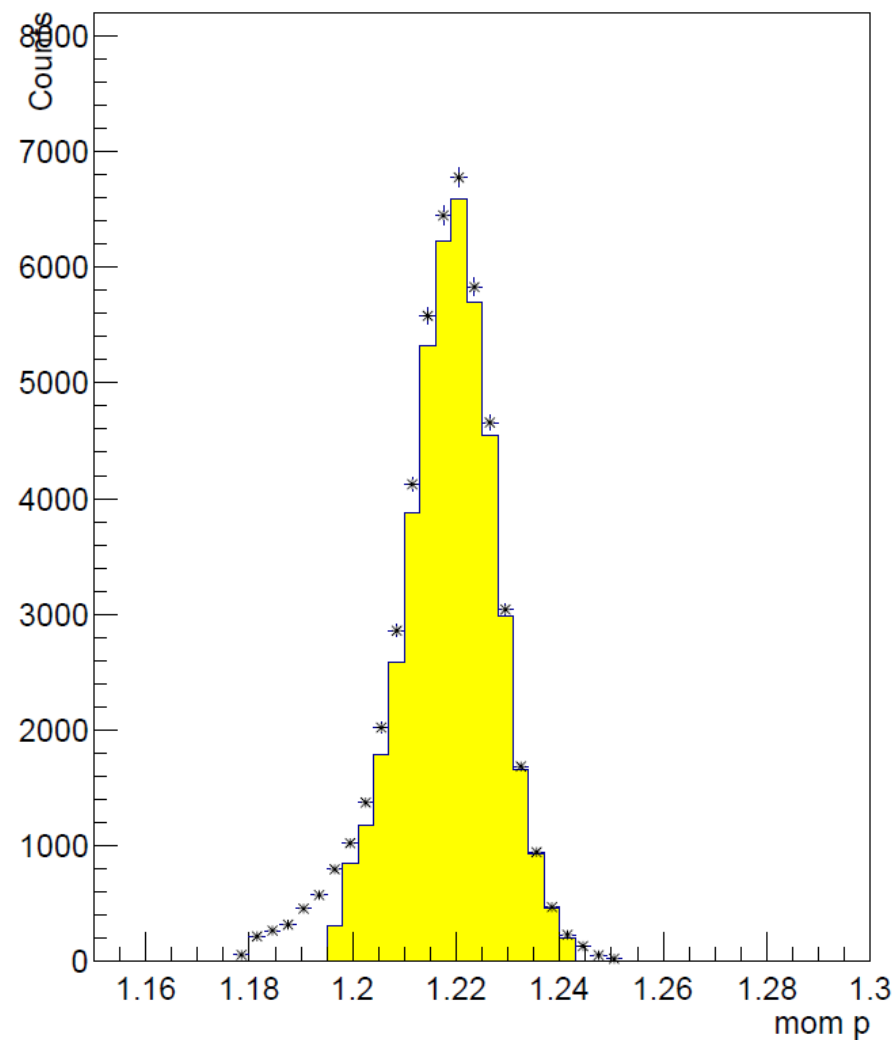


Momenta distributions

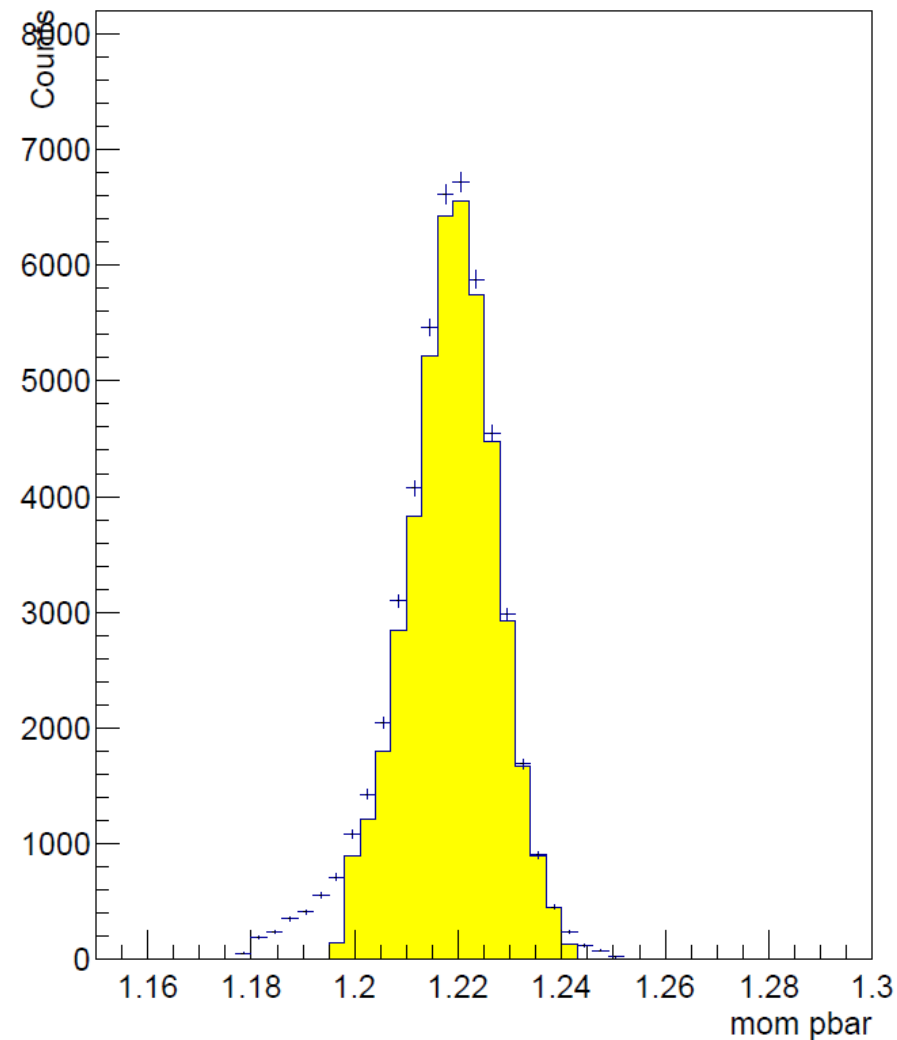
Yadi: dots

Marco: yellow

Proton



Antiproton



Invariant mass distributions

Yadi: dots

Marco: yellow

