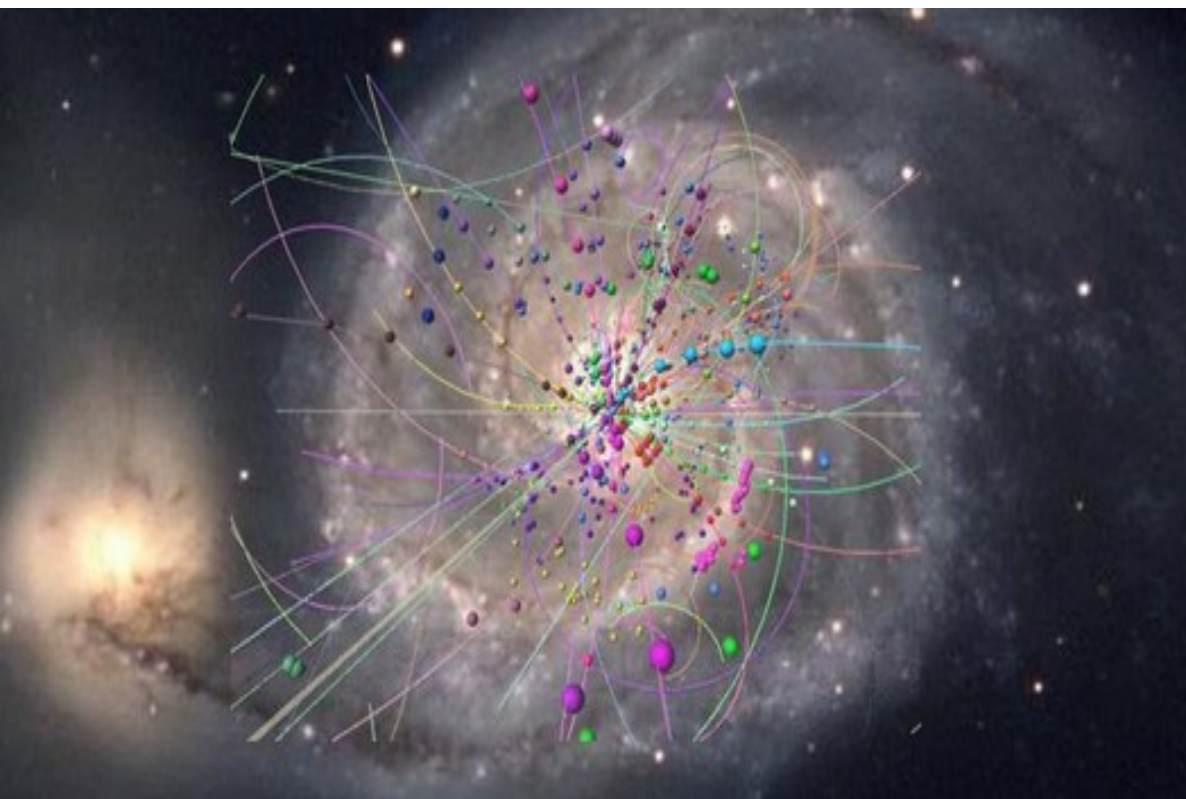




Reporte Semanal ACORDE MEETING



*Emma González Hernández **

*Dr. Arturo Fernández Téllez **

*Dr. Mario Rodríguez Cahuantzi **

** FCFM-BUAP*

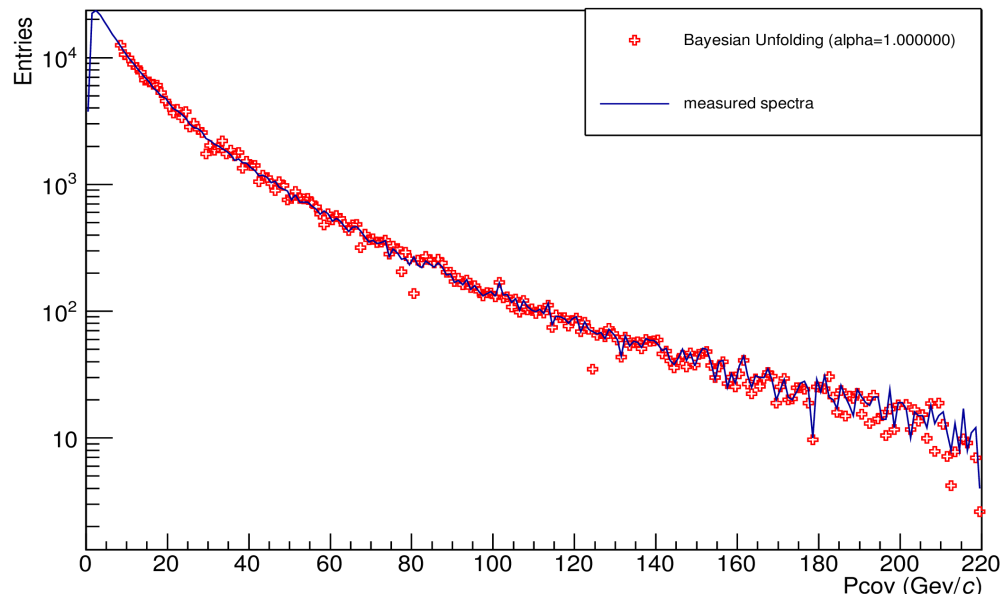
Febrero 27, 2016

Unfolding

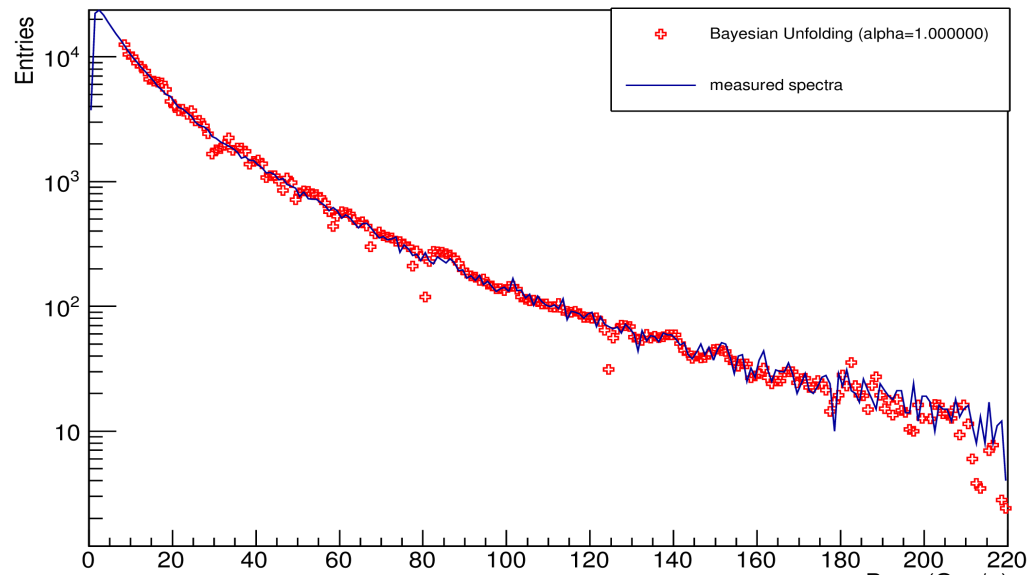
- **RooUnfoldBayes** → **AliUfolding**
- RooUnfoldSVD
- RooUnfoldBinByBin
- RooUnfoldTUnfold
- RooUnfoldInvert



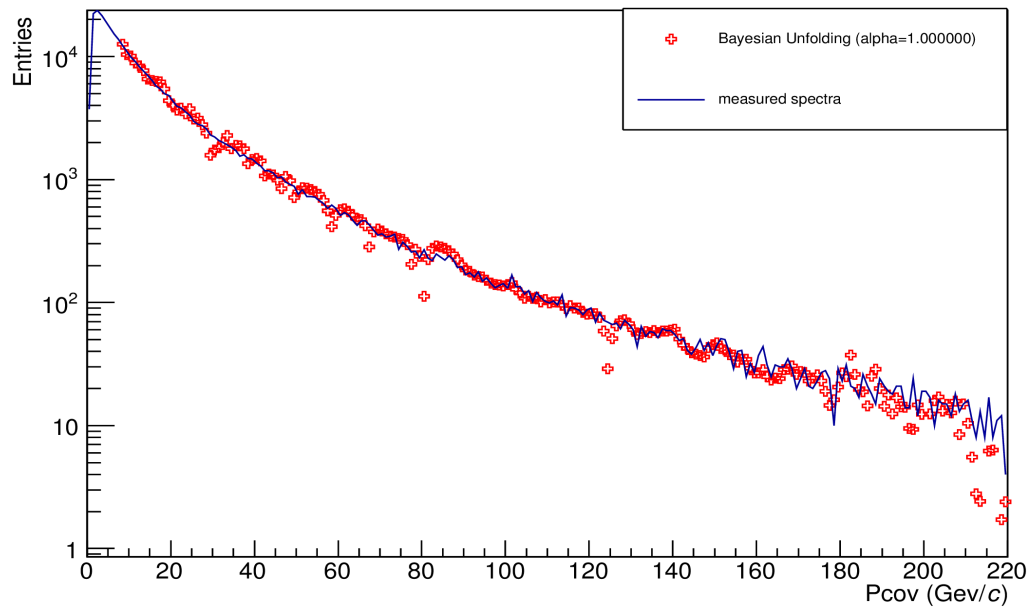
Momentum distribution μ^- para iteracion=1



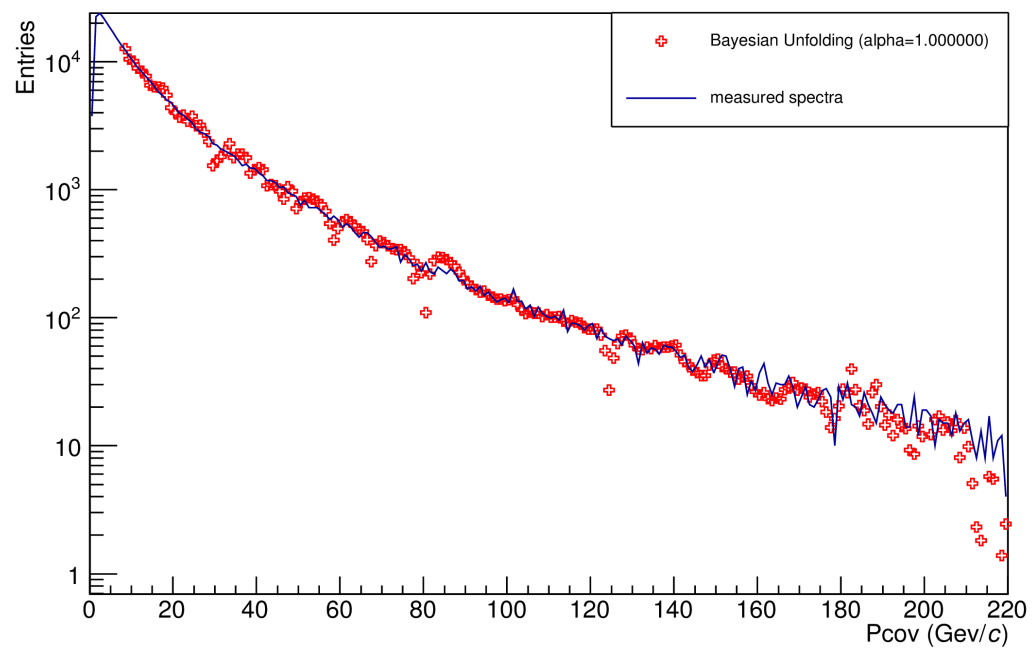
Momentum distribution μ^- para iteracion=2



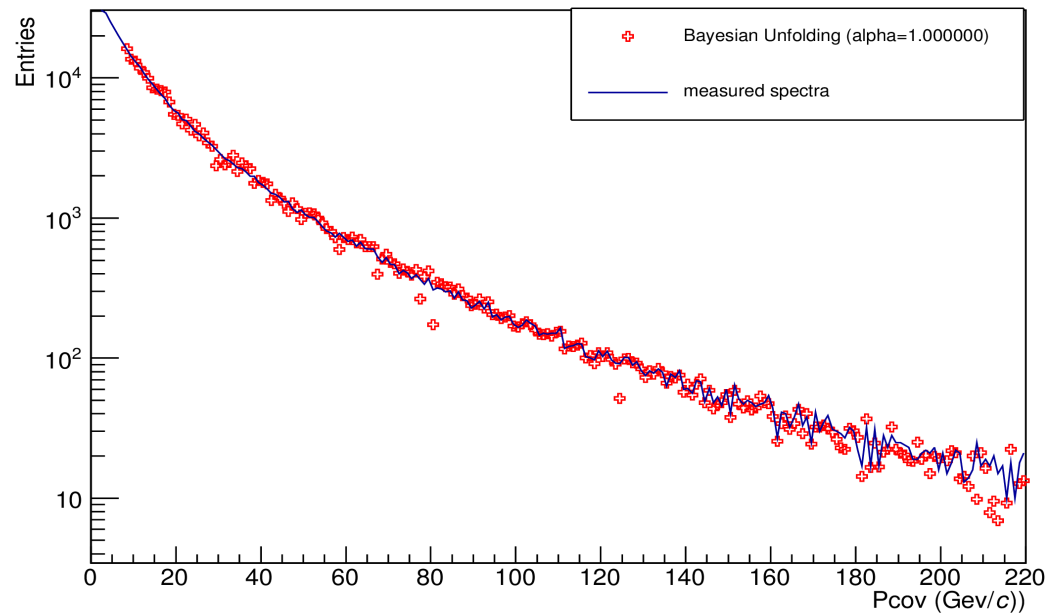
Momentum distribution μ^- para iteracion=3



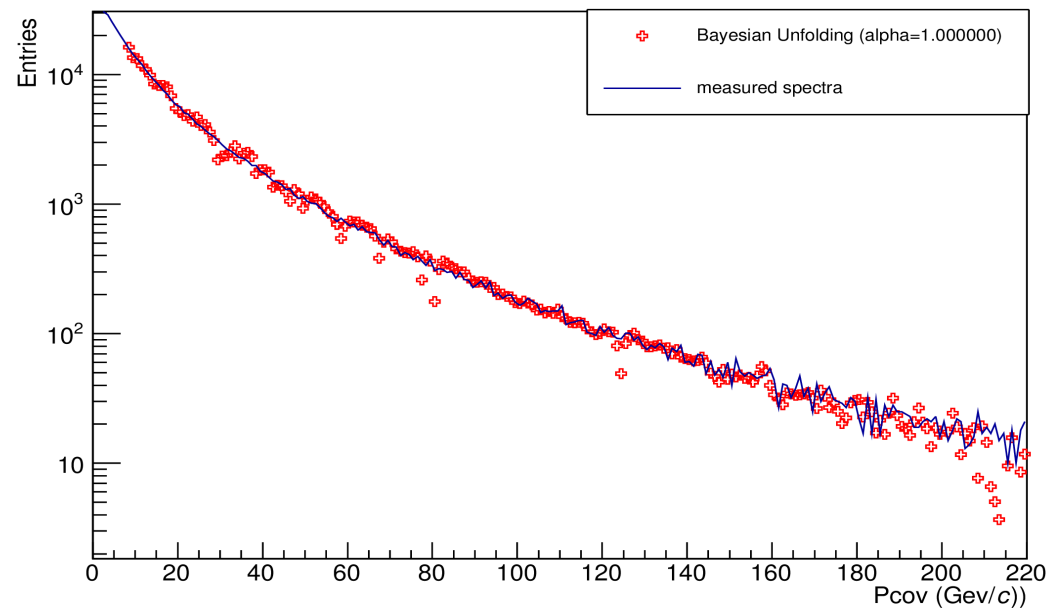
Momentum distribution μ^- para iteracion=4



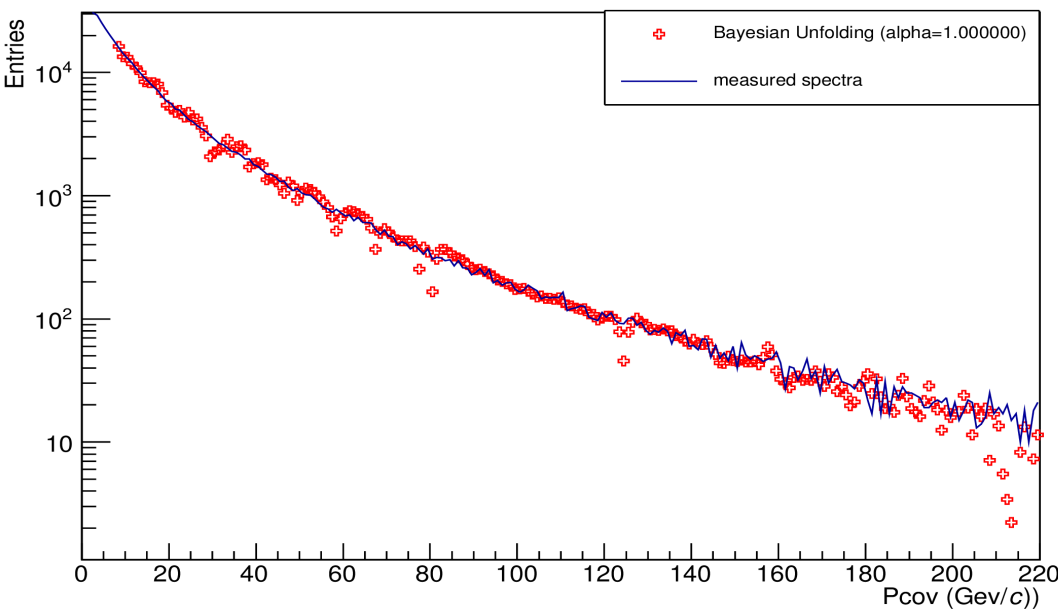
Momentum distribution μ^+ para iteracion=1



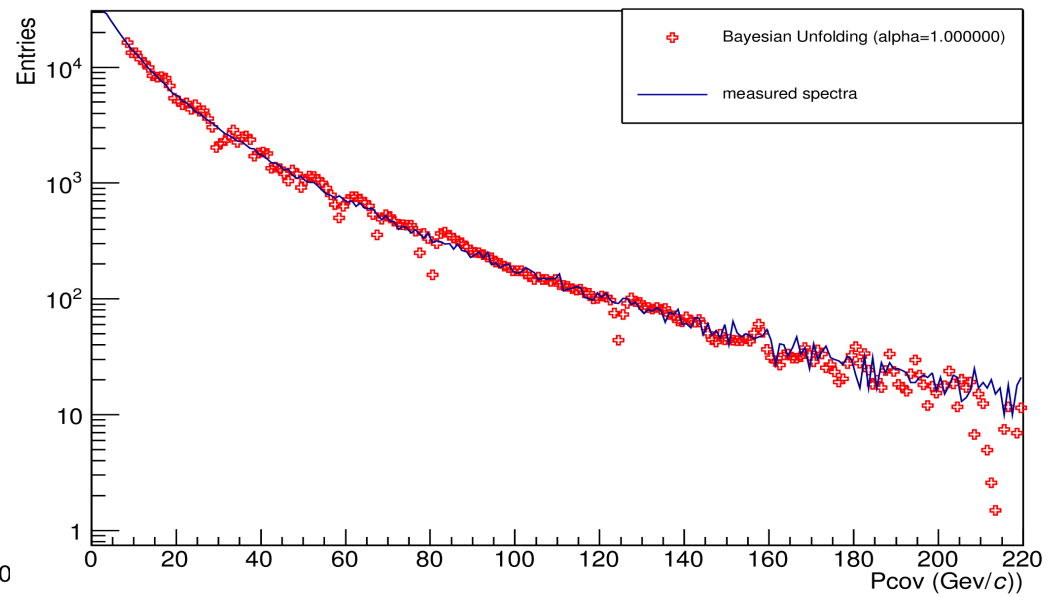
Momentum distribution μ^+ para iteracion=2



Momentum distribution μ^+ para iteracion=3

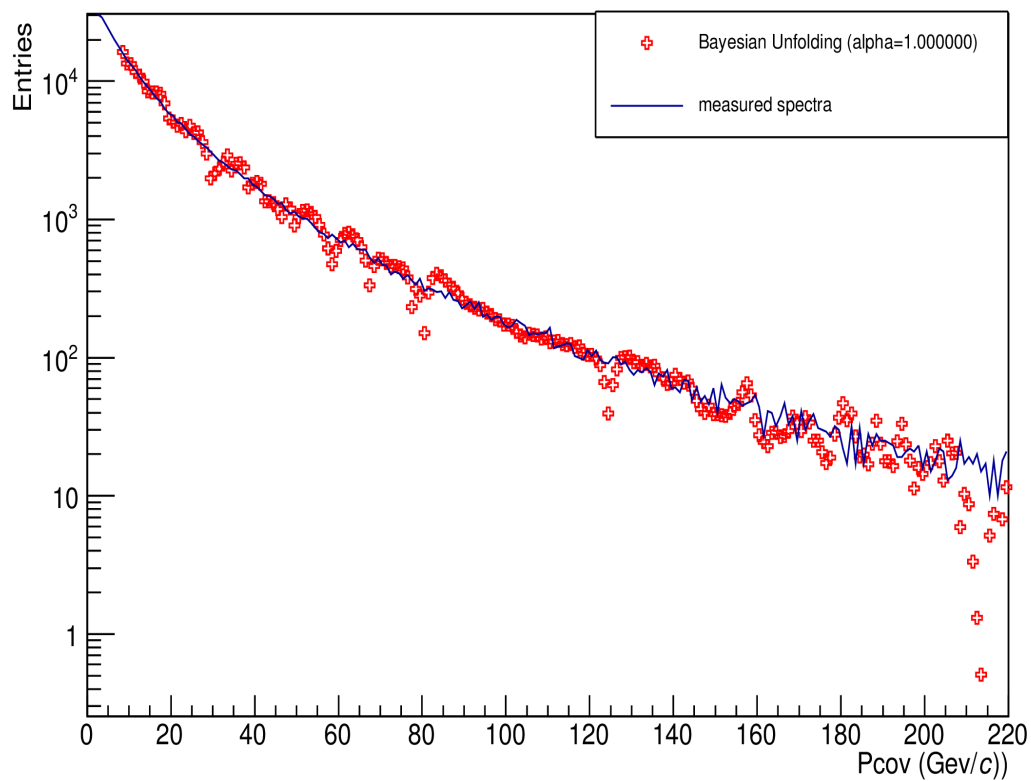


Momentum distribution μ^+ para iteracion=4



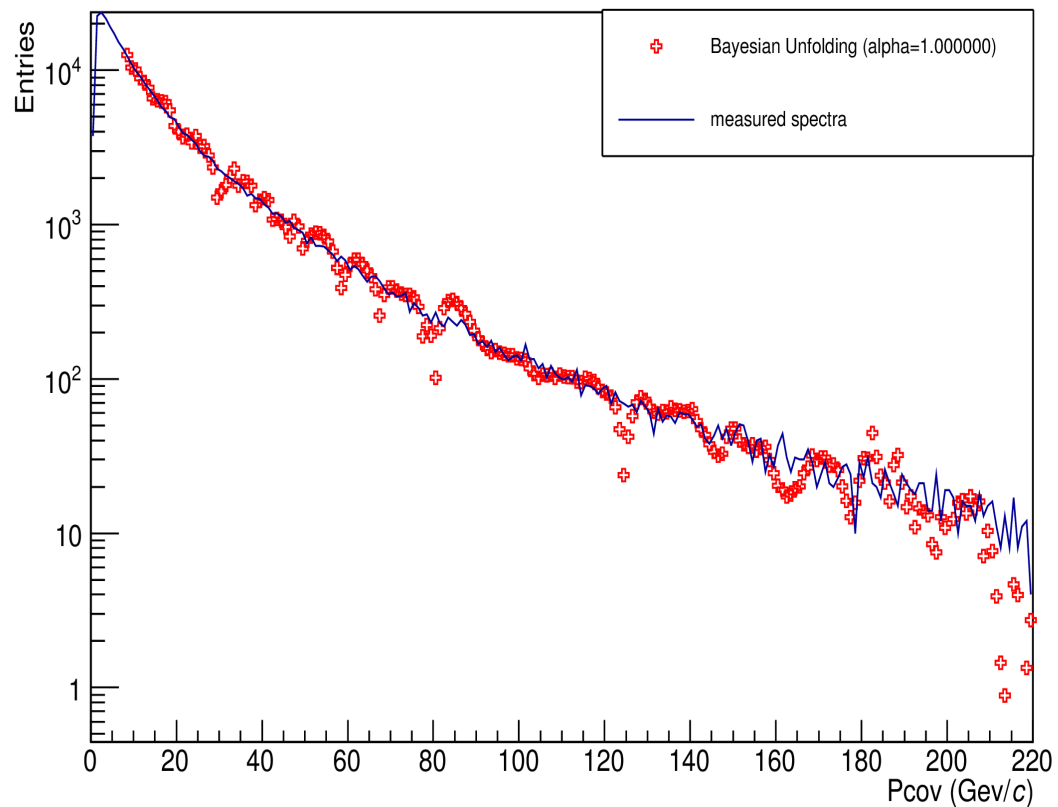
μ^+

Momentum distribution μ^+ para iteracion=10

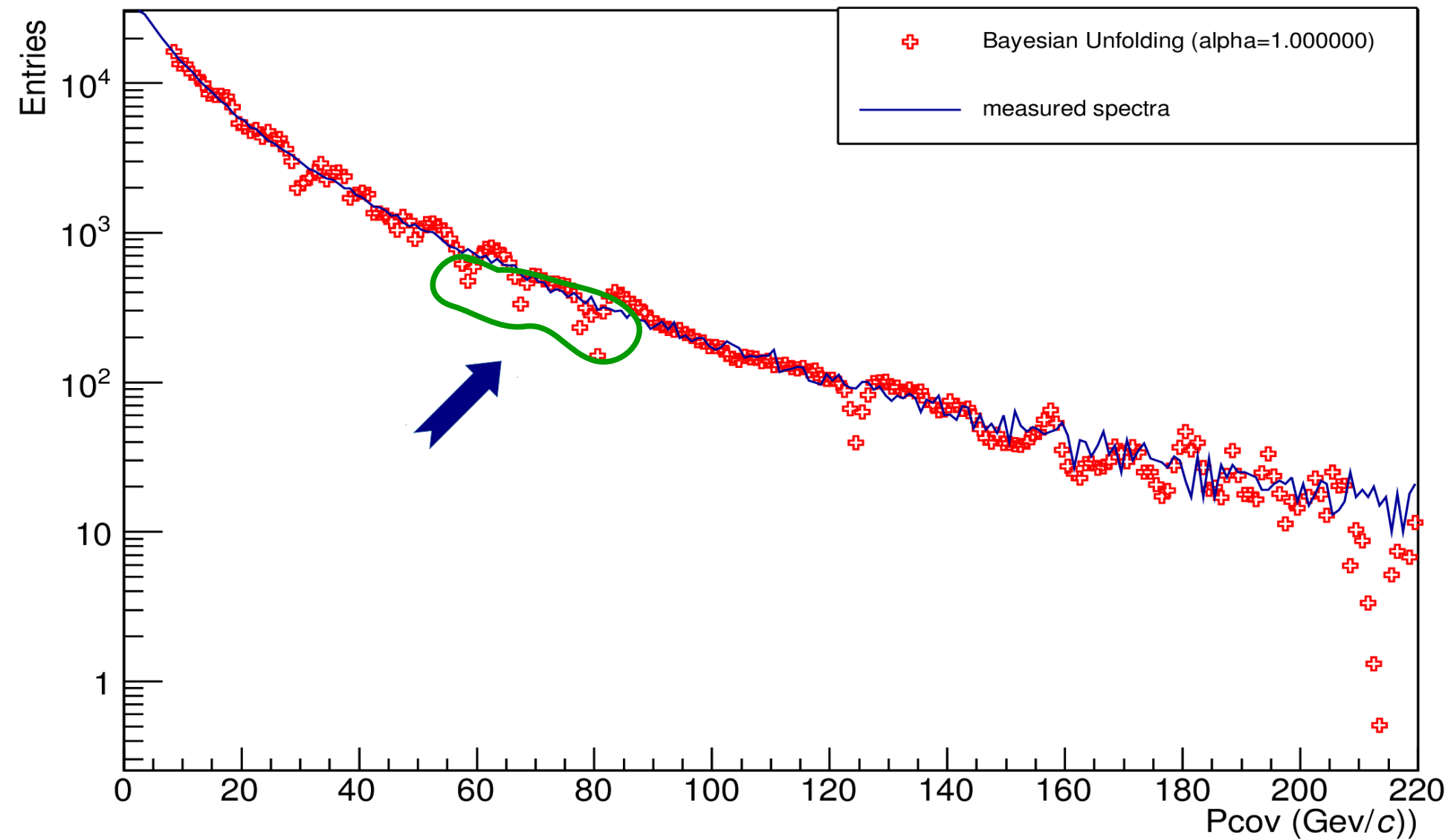


μ^-

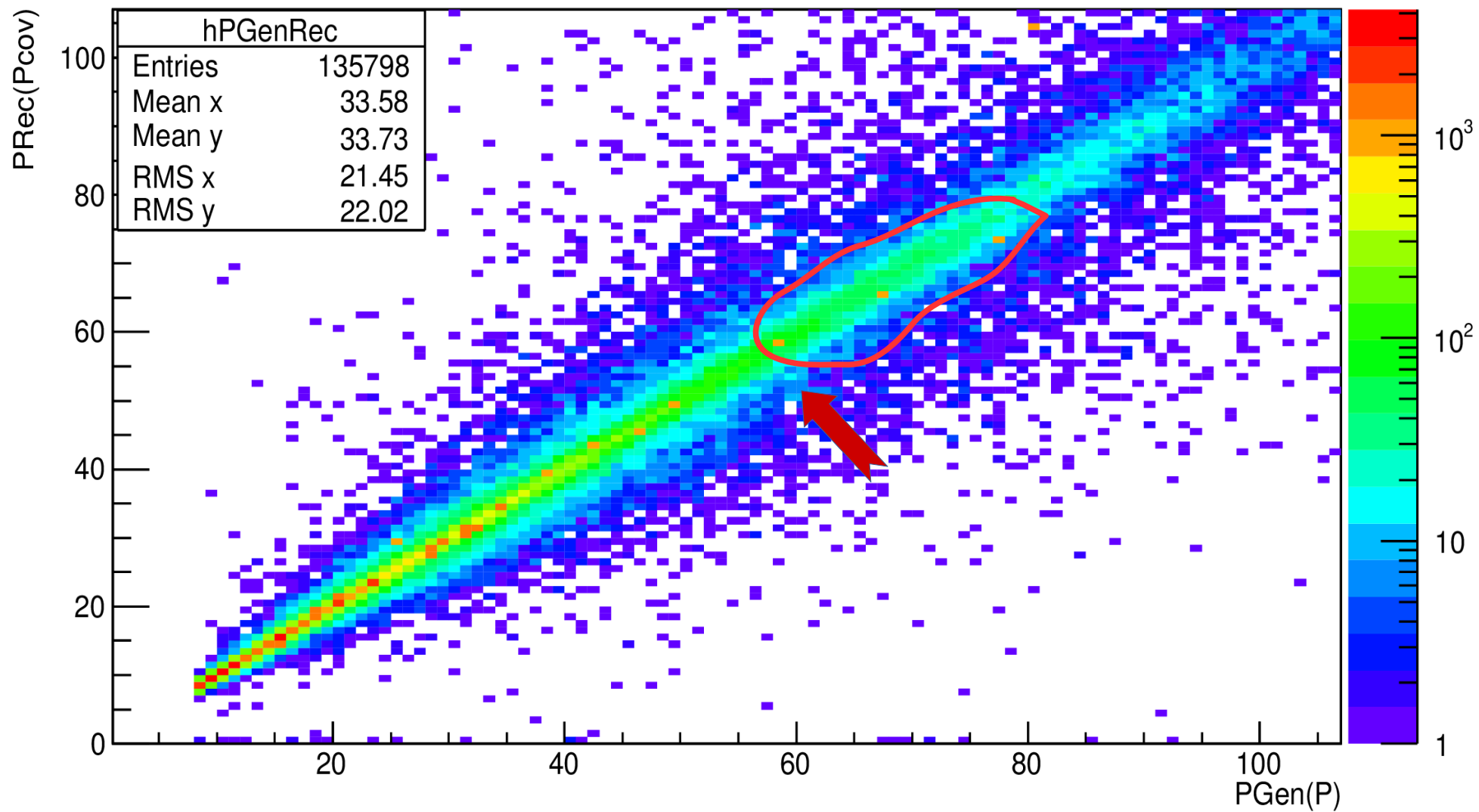
Momentum distribution μ^- para iteracion=10



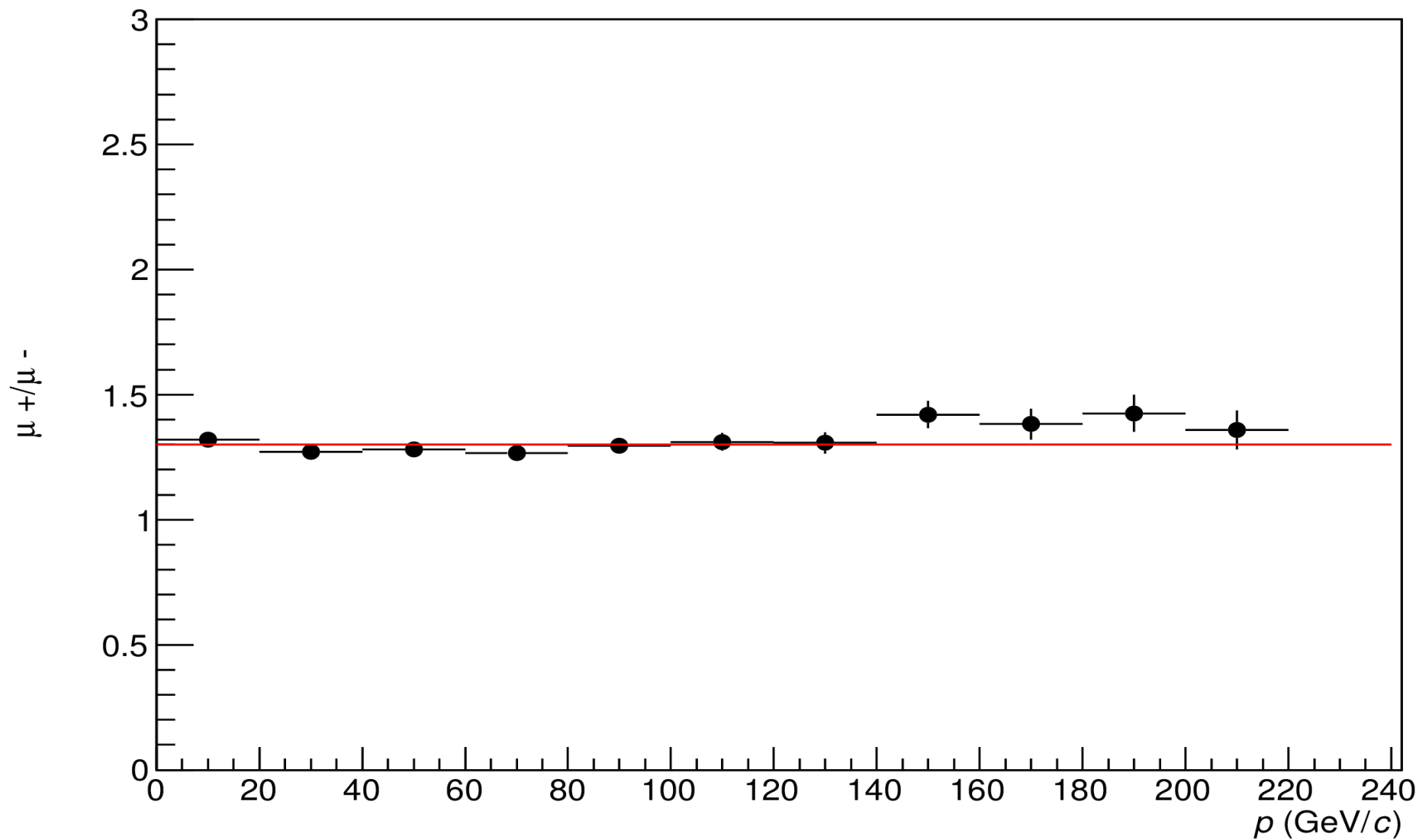
Momentum distribution μ^+ para iteracion=10



PGen vs PRec

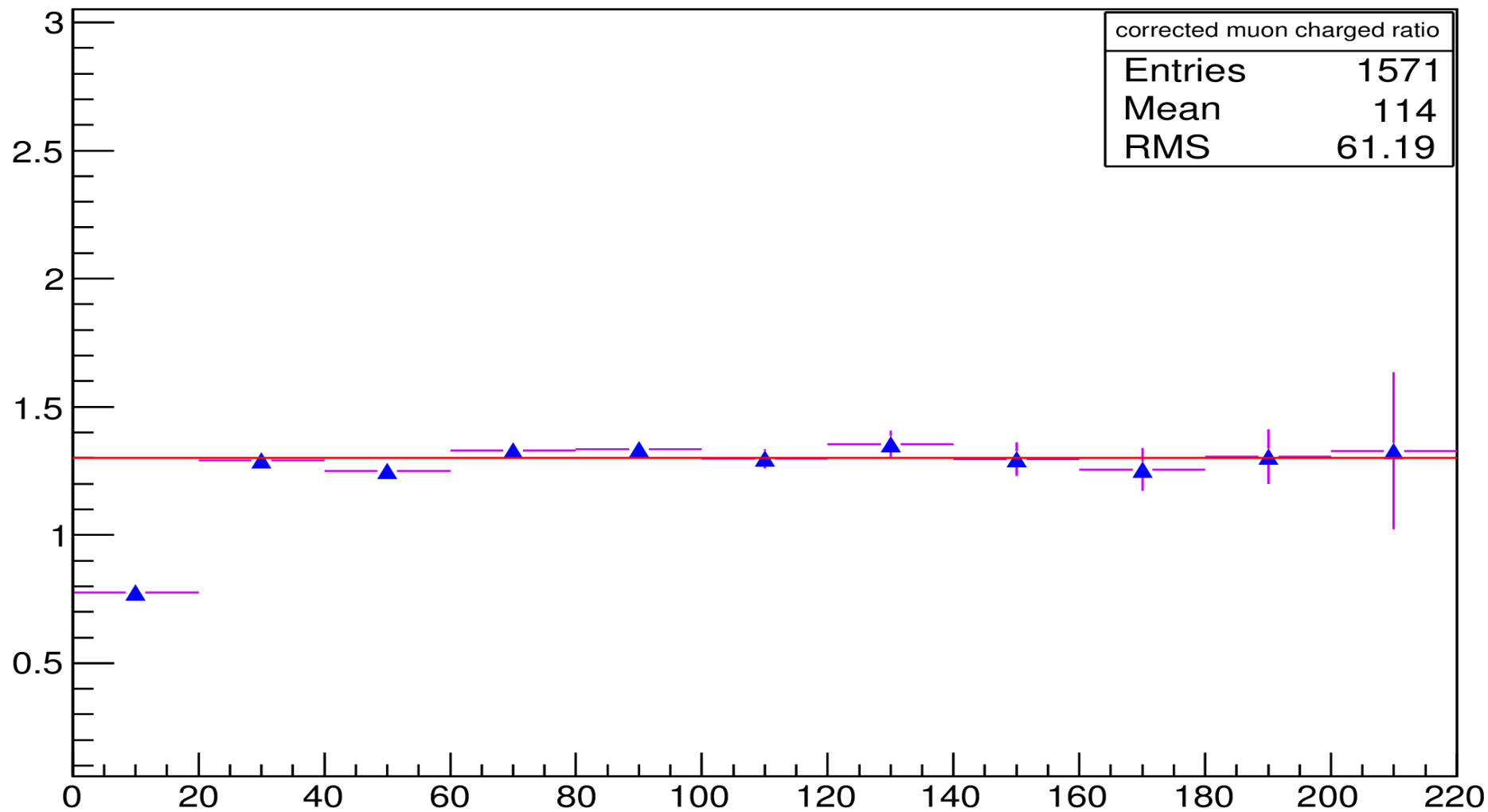


Uncorrected muon charged ratio

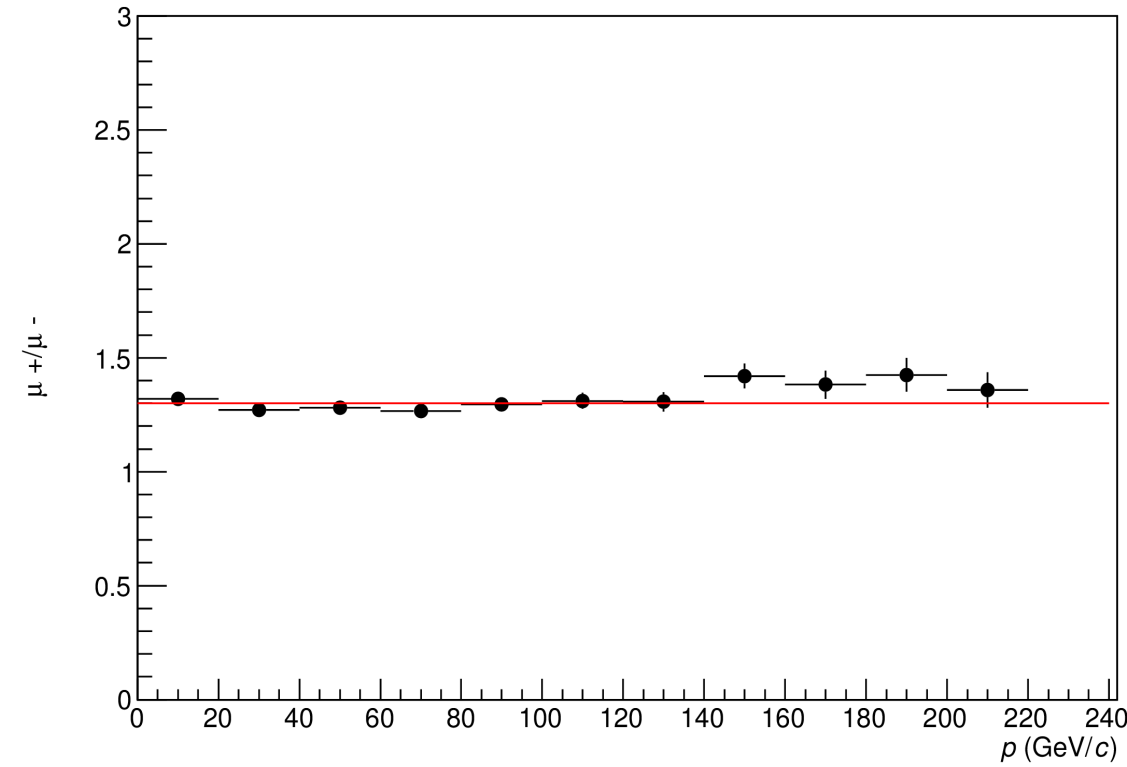




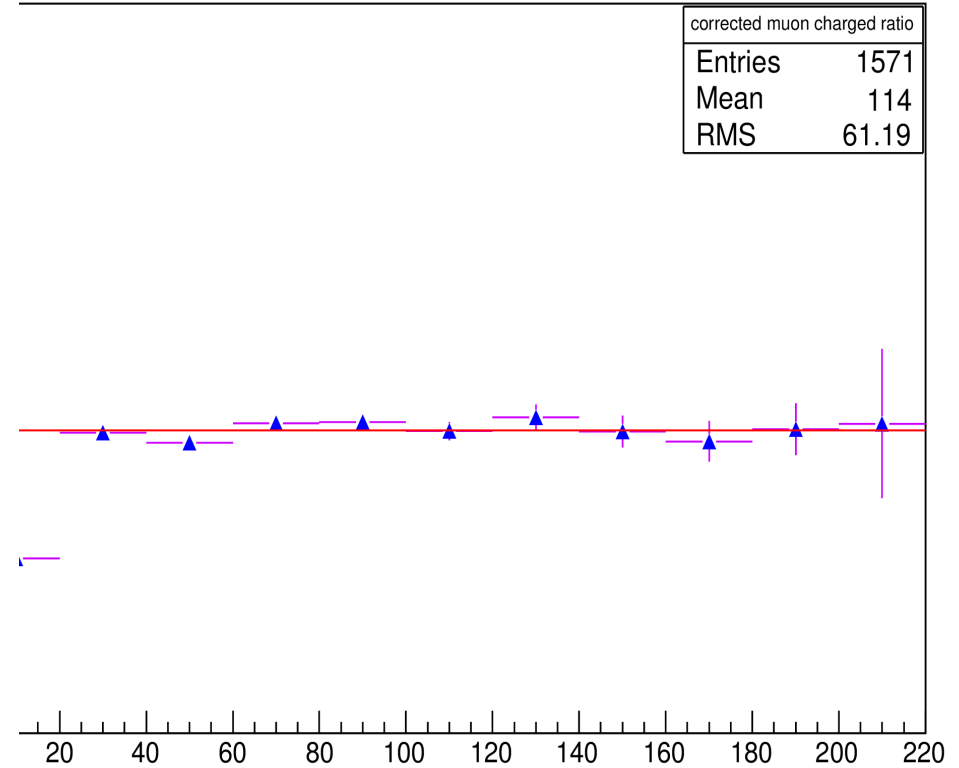
corrected muon charged ratio



Uncorrected muon charged ratio



corrected muon charged ratio



Cosas por hacer:

- Estudiar el Método de Bayes
- Gráfico P Monte Carlo
- Obtener la matriz de respuesta con mayor estadística y realizar el Unfolding

