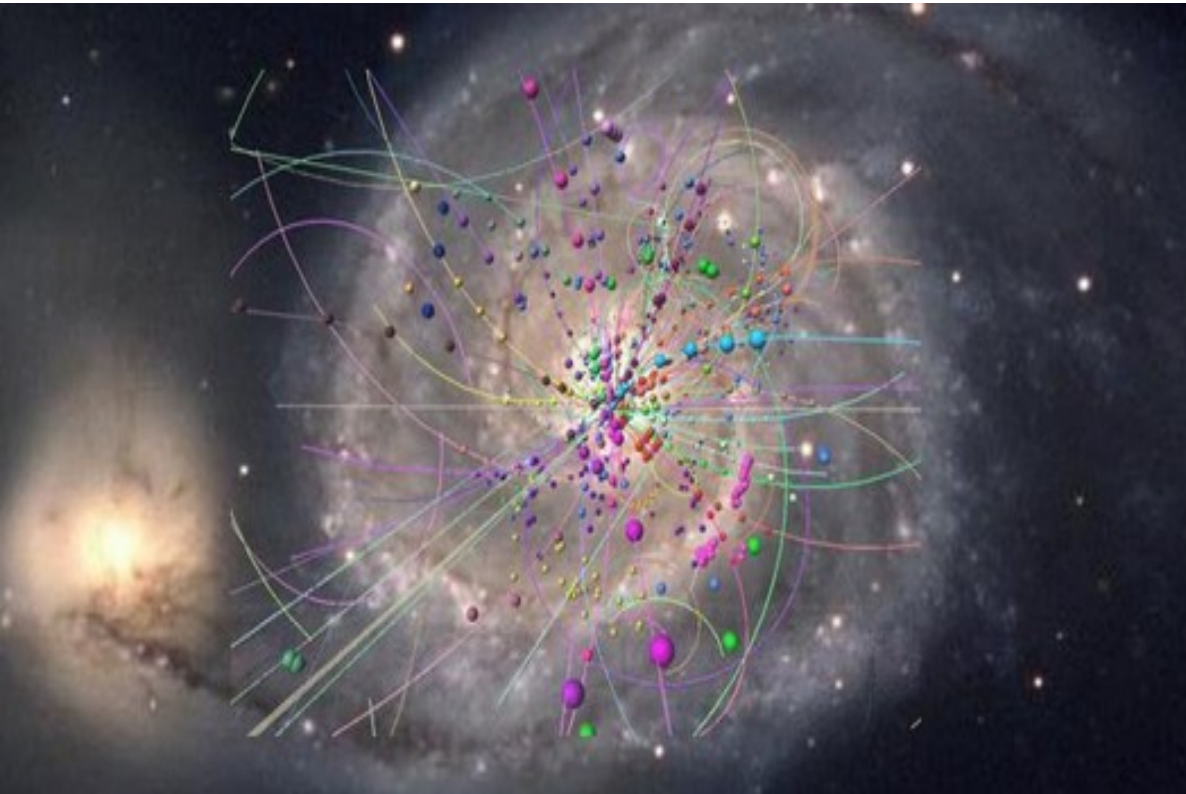




Reporte Semanal ACORDE MEETING



*Emma González Hernández **

*Dr. Arturo Fernández Téllez **

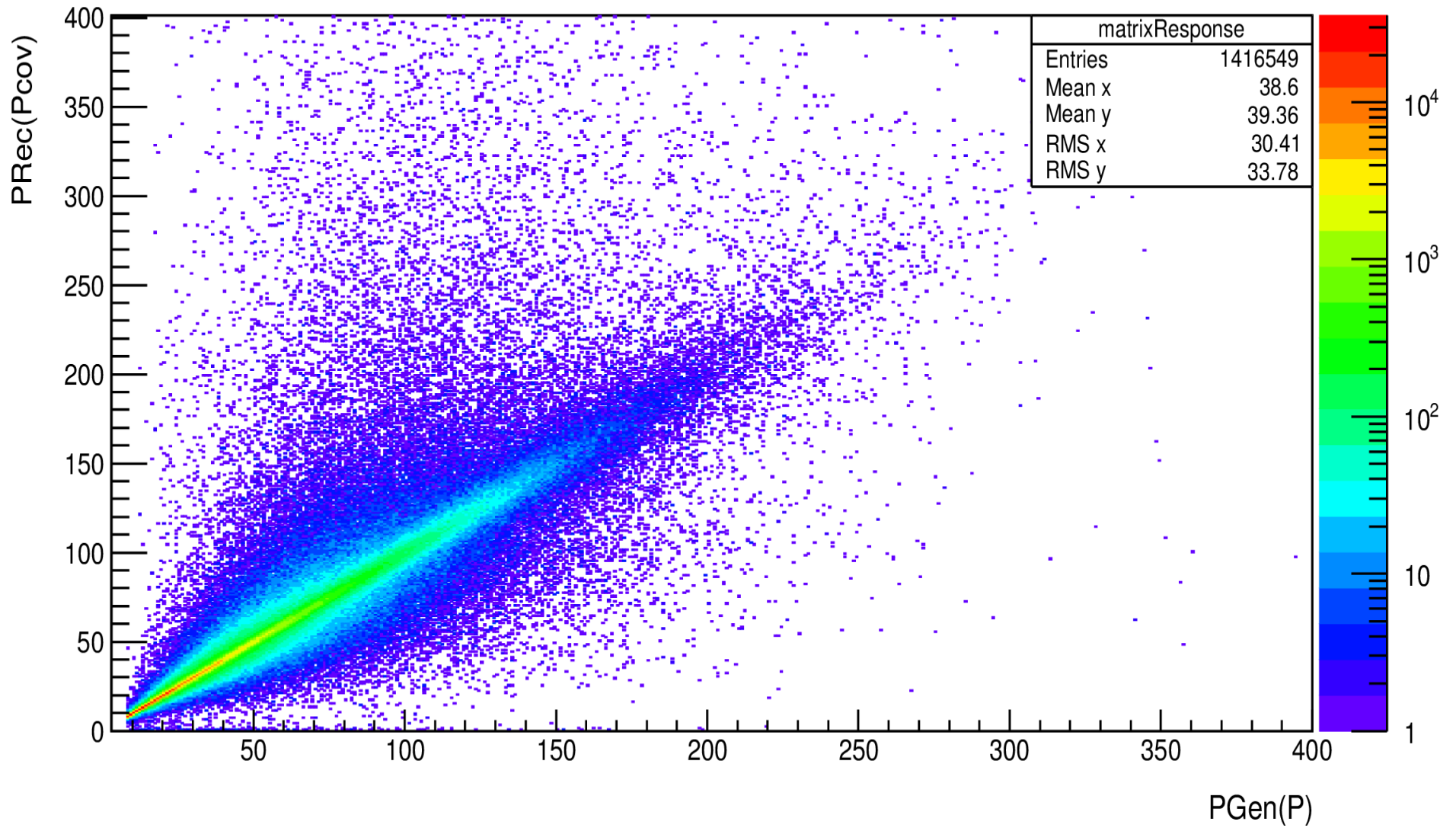
*Dr. Mario Rodríguez Cahuantzi **

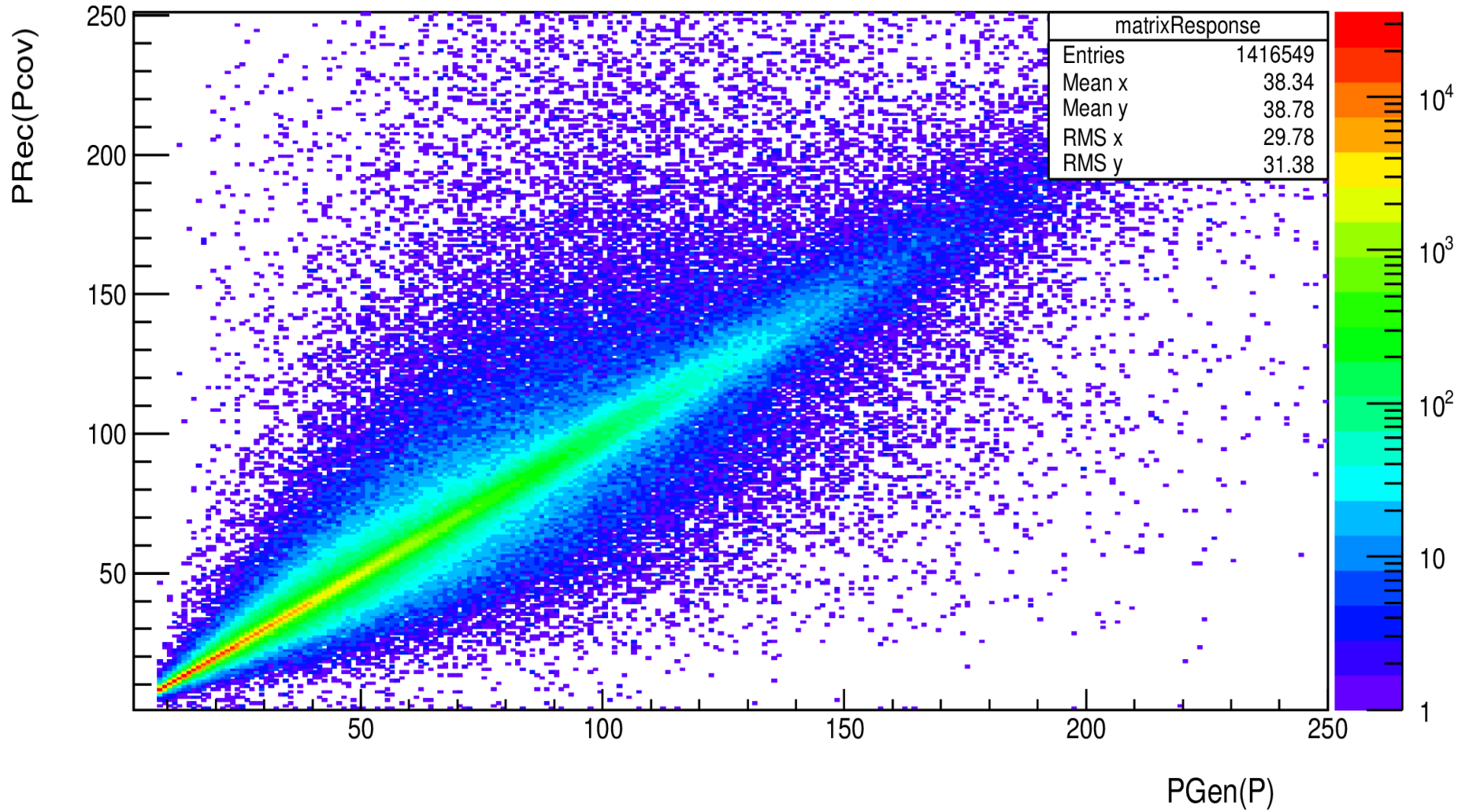
*** FCFM-BUAP**

, 2016

study of Monte Carlo

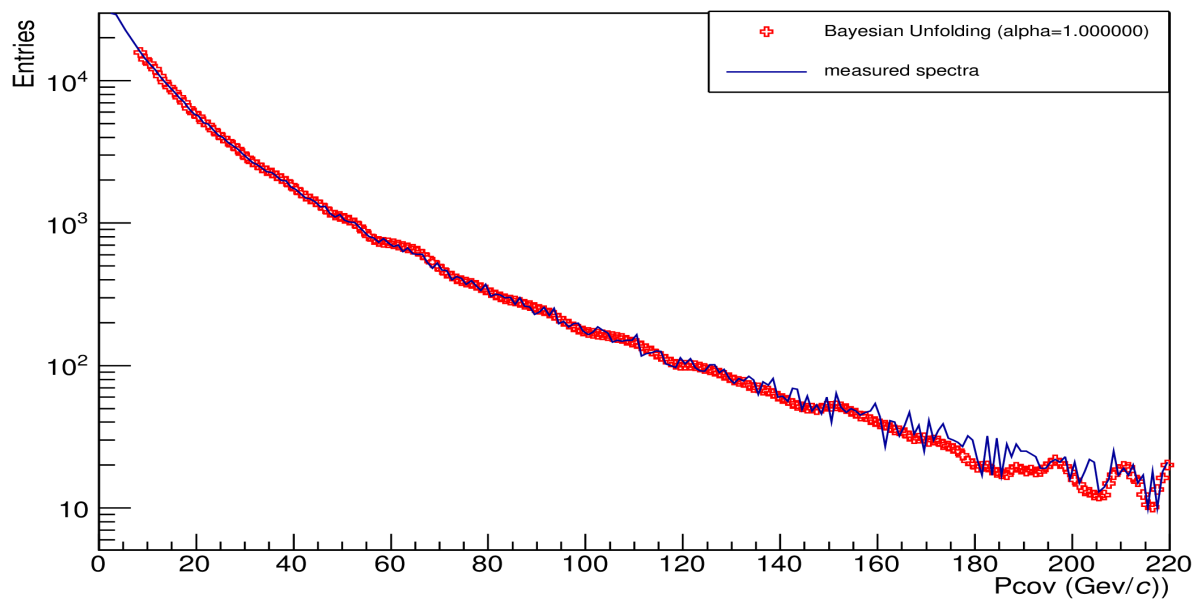
- ♦ 1 muon
- ♦ 2 tracks
- ♦ 1,416,549 events
- ♦ **Range of momentum: 5-400 GeV/c**
- ♦ $\Theta < 20^\circ$
- ♦ Fiducial area of $1.5 \times 1.5 \text{m}^2$
- ♦ 435cm above the point of interaction
- ♦ In a random plane



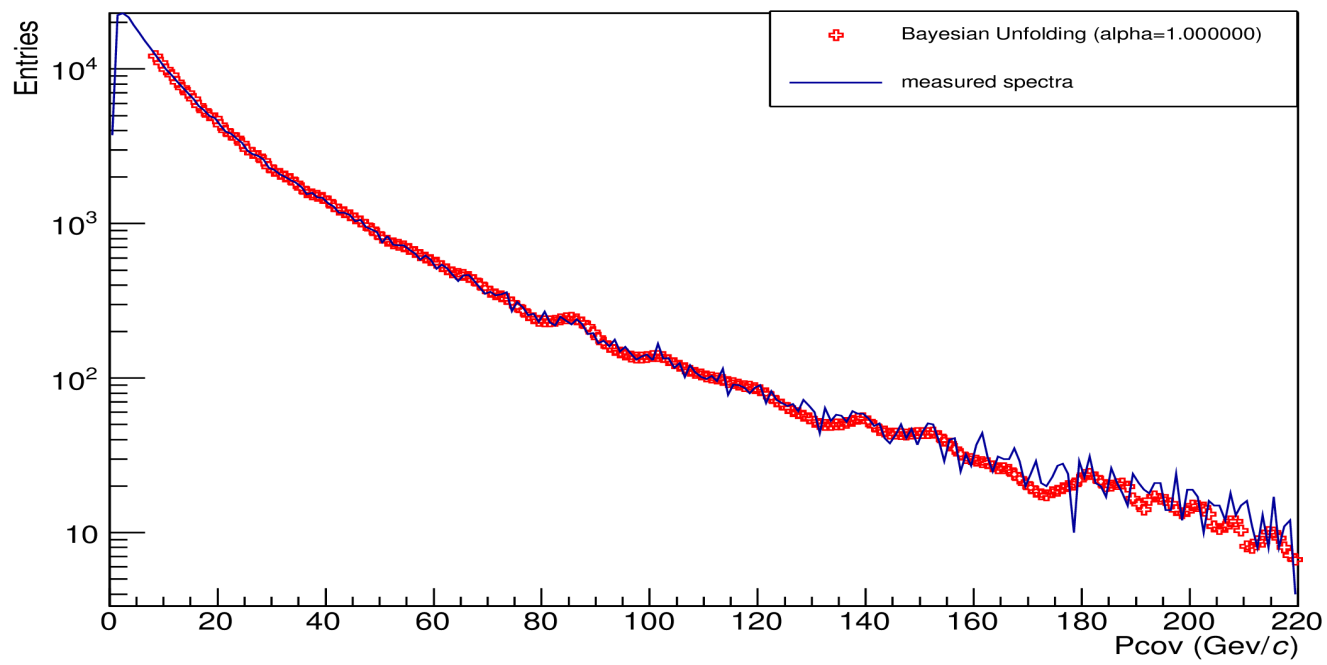




Momentum distribution μ^+ for iteracion=10

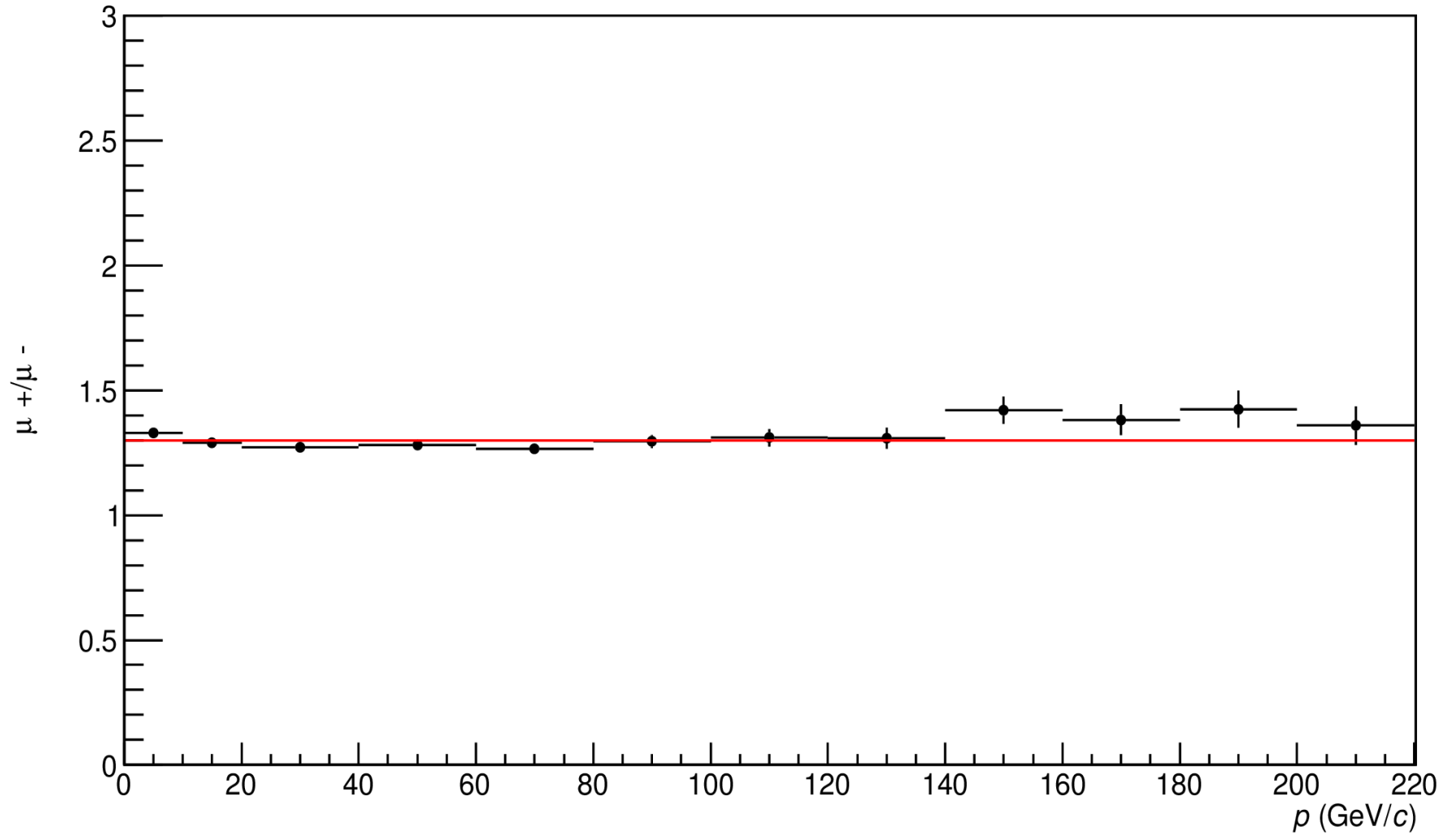


Momentum distribution μ^- for iteracion=10

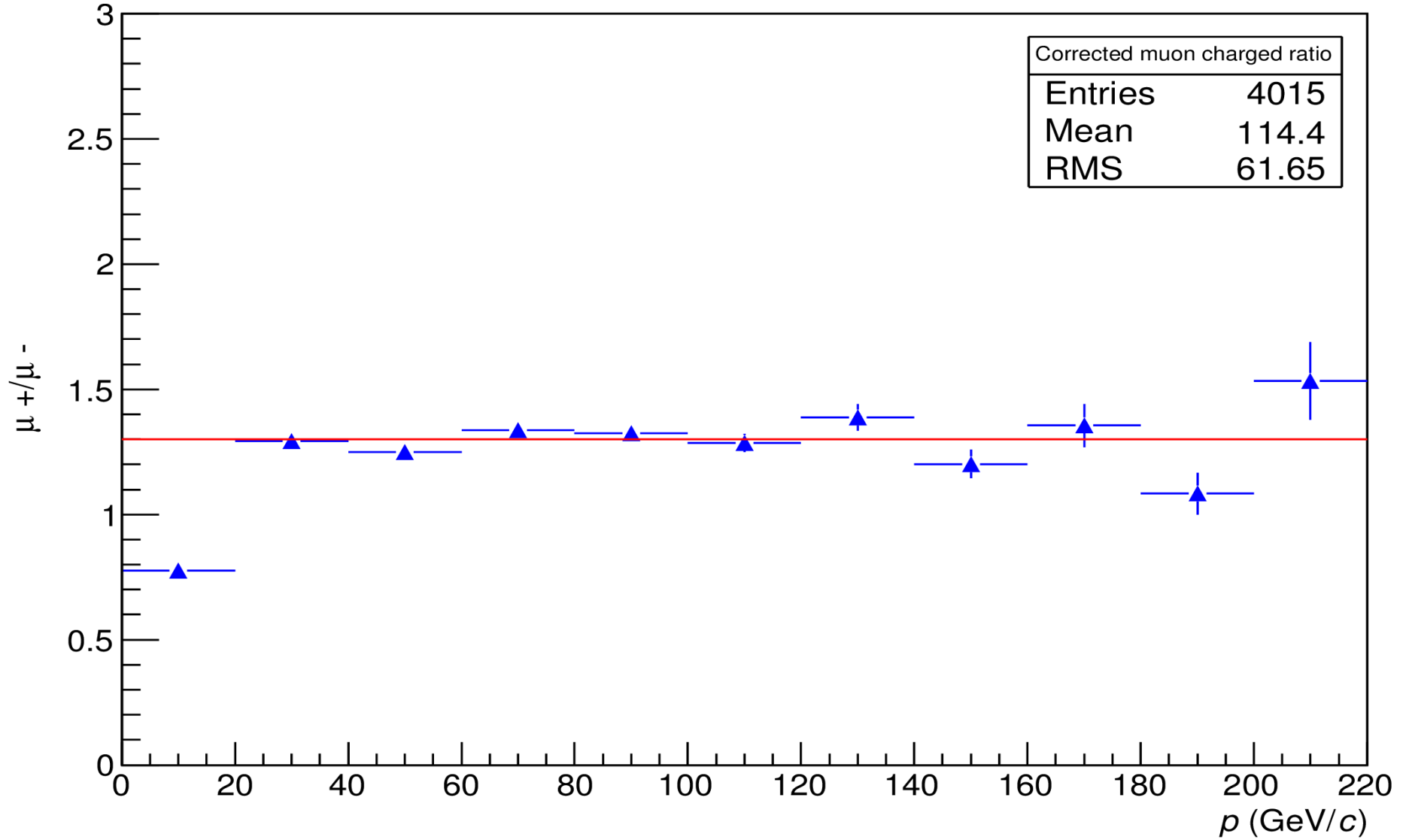




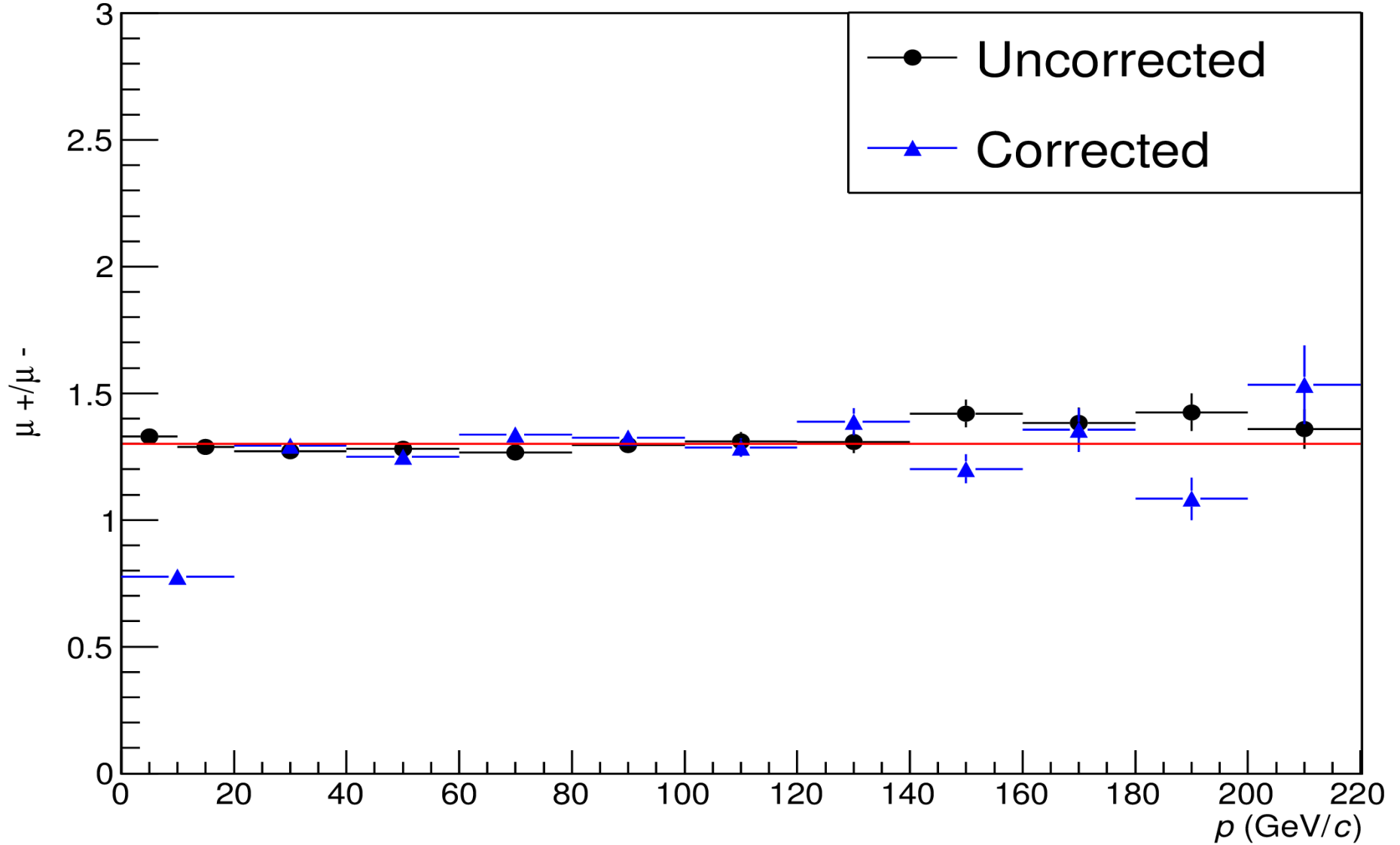
Uncorrected muon charged ratio



Corrected muon charged ratio



Uncorrected and Corrected muon charged ratio



study of Monte Carlo

- 1 muon
- 2 tracks
- 1,316,355 events
- **Range of momentum: 400-1000 GeV/c**
- $\Theta < 20^\circ$
- Fiducial area of $1.5 \times 1.5 \text{m}^2$
- 435cm above the point of interaction
- In a random plane

