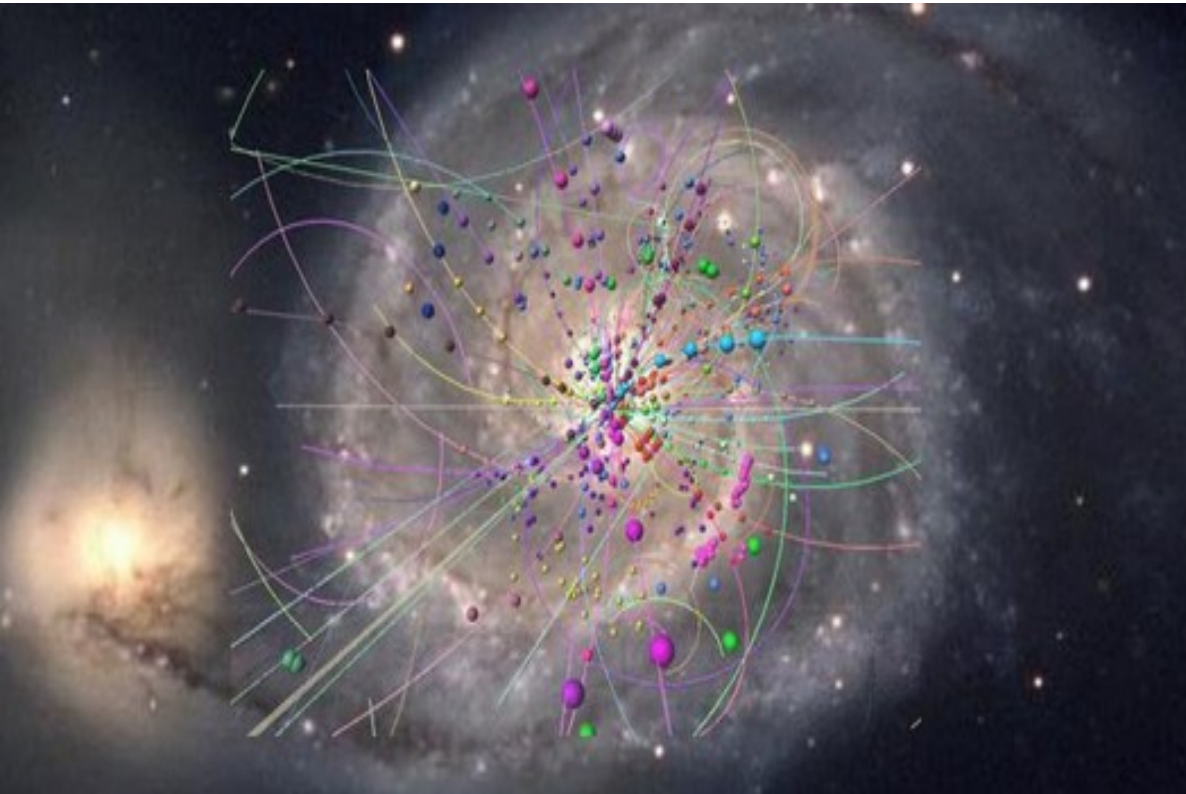




Reporte Semanal ACORDE MEETING



*Emma González Hernández **

*Dr. Arturo Fernández Téllez **

*Dr. Mario Rodríguez Cahuantzi **

** FCFM-BUAP*

Abril 9, 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

Data

- $\Theta < 20^\circ$
- Fiducial area of $1.5 \times 1.5 \text{m}^2$

- LHC15a_Bminus.root
- LHC15a_Bplus.root
- LHC15c_Bplus_1.root

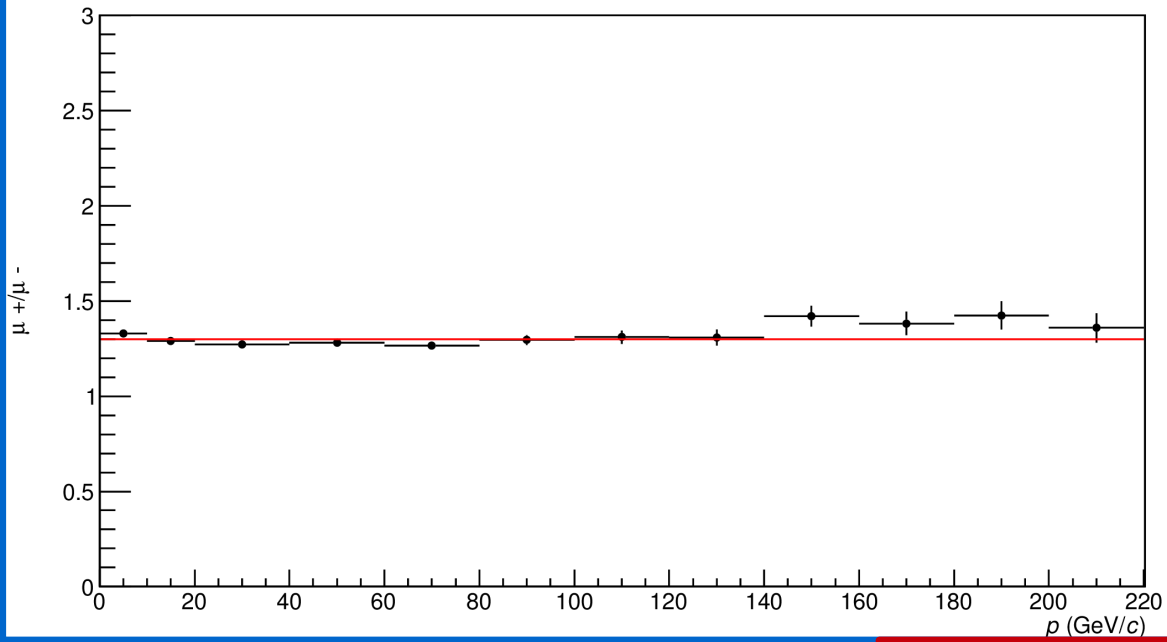
- LHC15a_Bminus.root
- LHC15a_Bplus.root
- LHC15c_Bplus_1.root
- LHC15c_Bplus_2.root
- LHC15d_Bminus.root
- LHC15d_Bplus.root
- LHC15e_Bplus.root
- LHC15f_Bminus.root
- LHC15f_Bplus.root
- LHC15g_Bplus.root
- LHC15h_Bplus.root
- LHC15i_Bplus.root
- LHC15j_Bplus.root
- LHC15k_Bminus.root



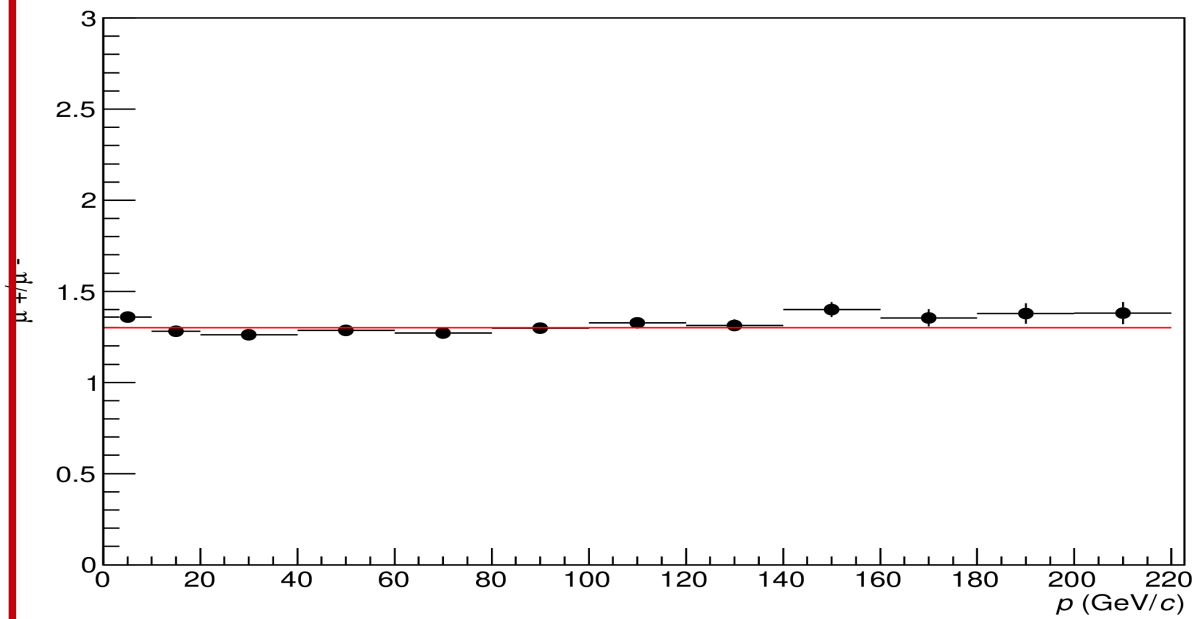
ALICE



Uncorrected muon charged ratio



Uncorrected muon charged ratio

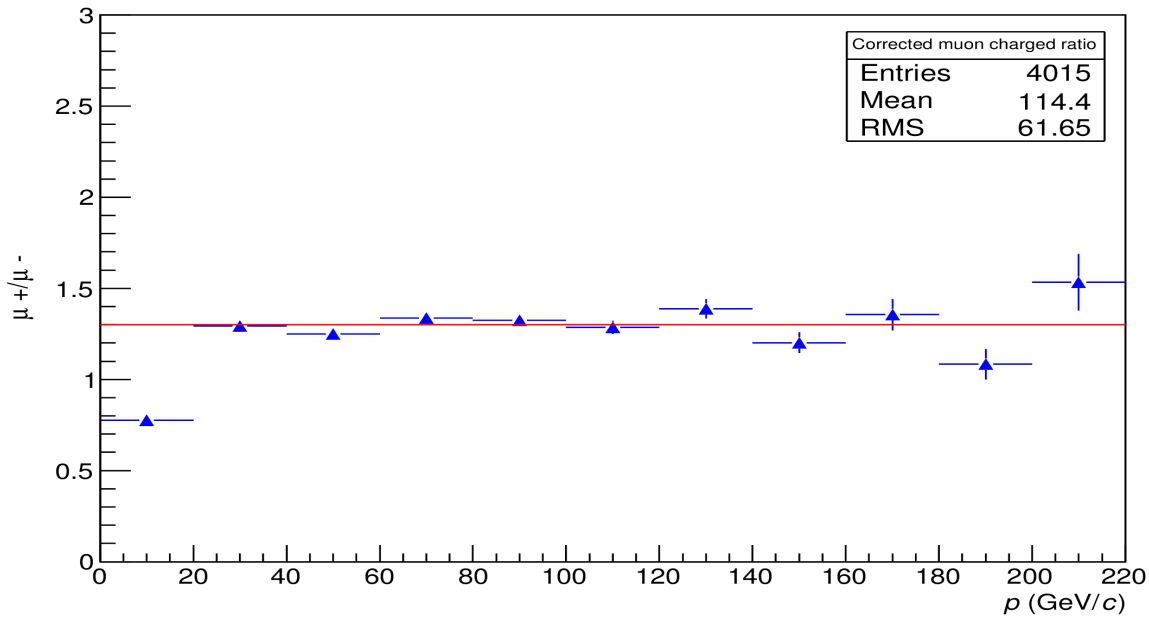




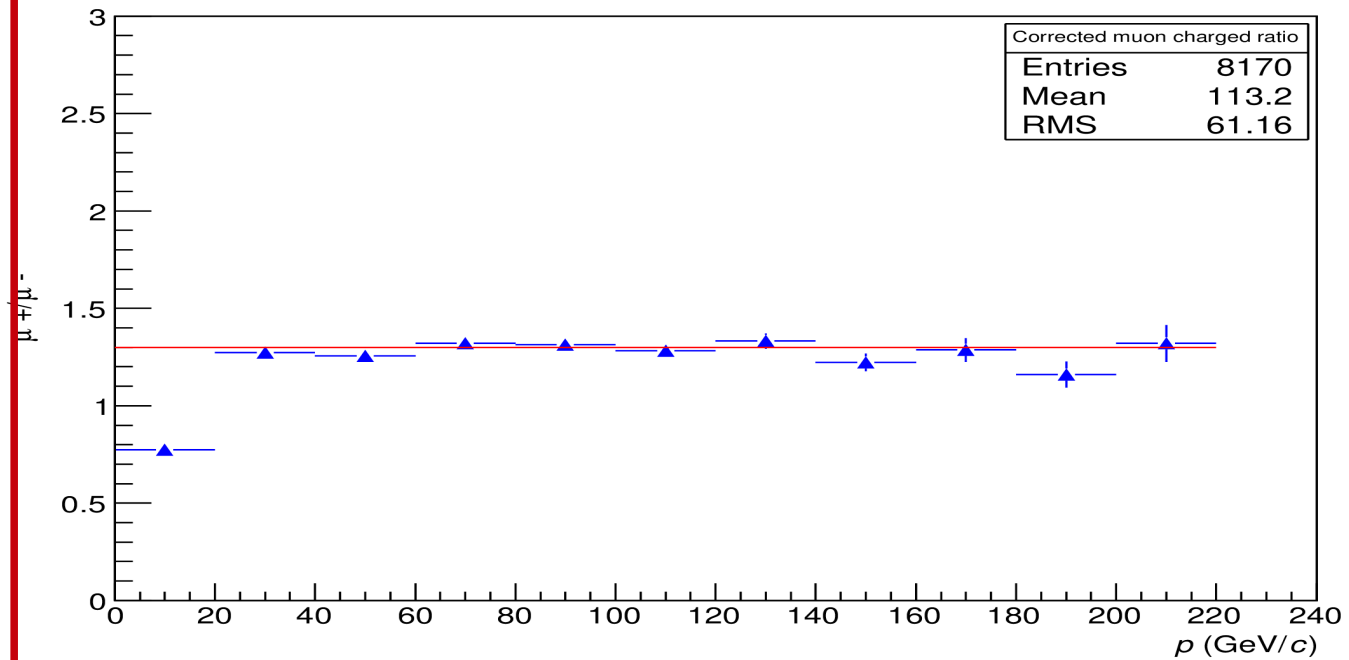
ALICE



Corrected muon charged ratio



Corrected muon charged ratio

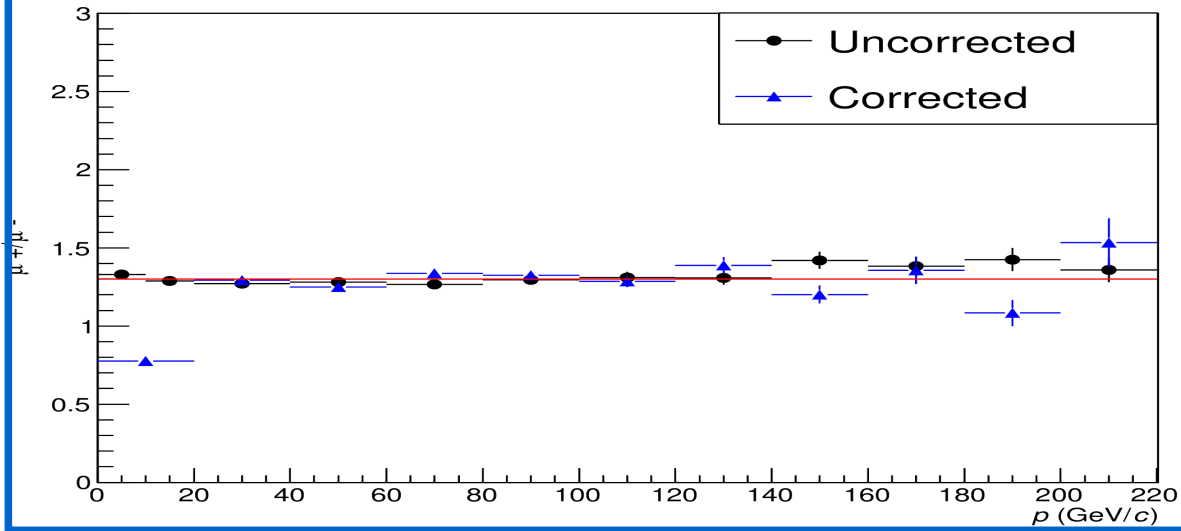




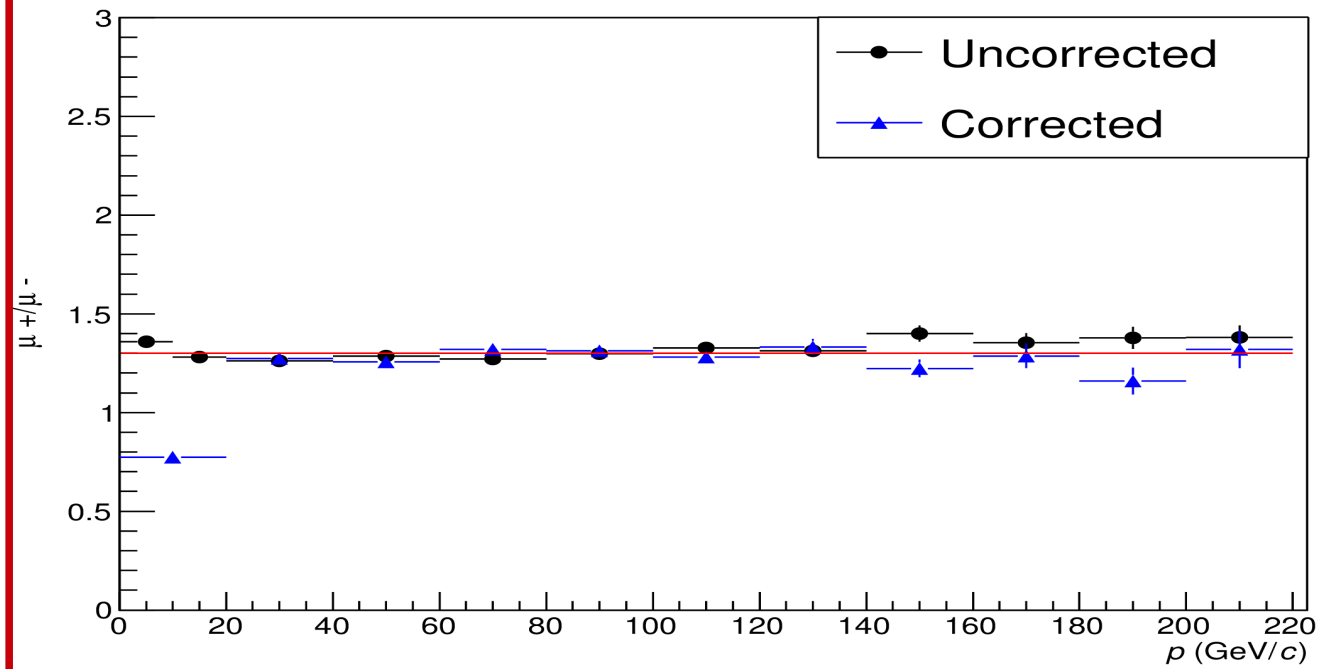
ALICE



Uncorrected and Corrected muon charged ratio



Uncorrected and Corrected muon charged ratio





ALICE

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

Momentum distribution μ^- for iteracion=10

