# Guillermo Breto Rangel - TnP Update

Updating the Tag and Probe in Real Data

• Triggering, Tracking and MuonID

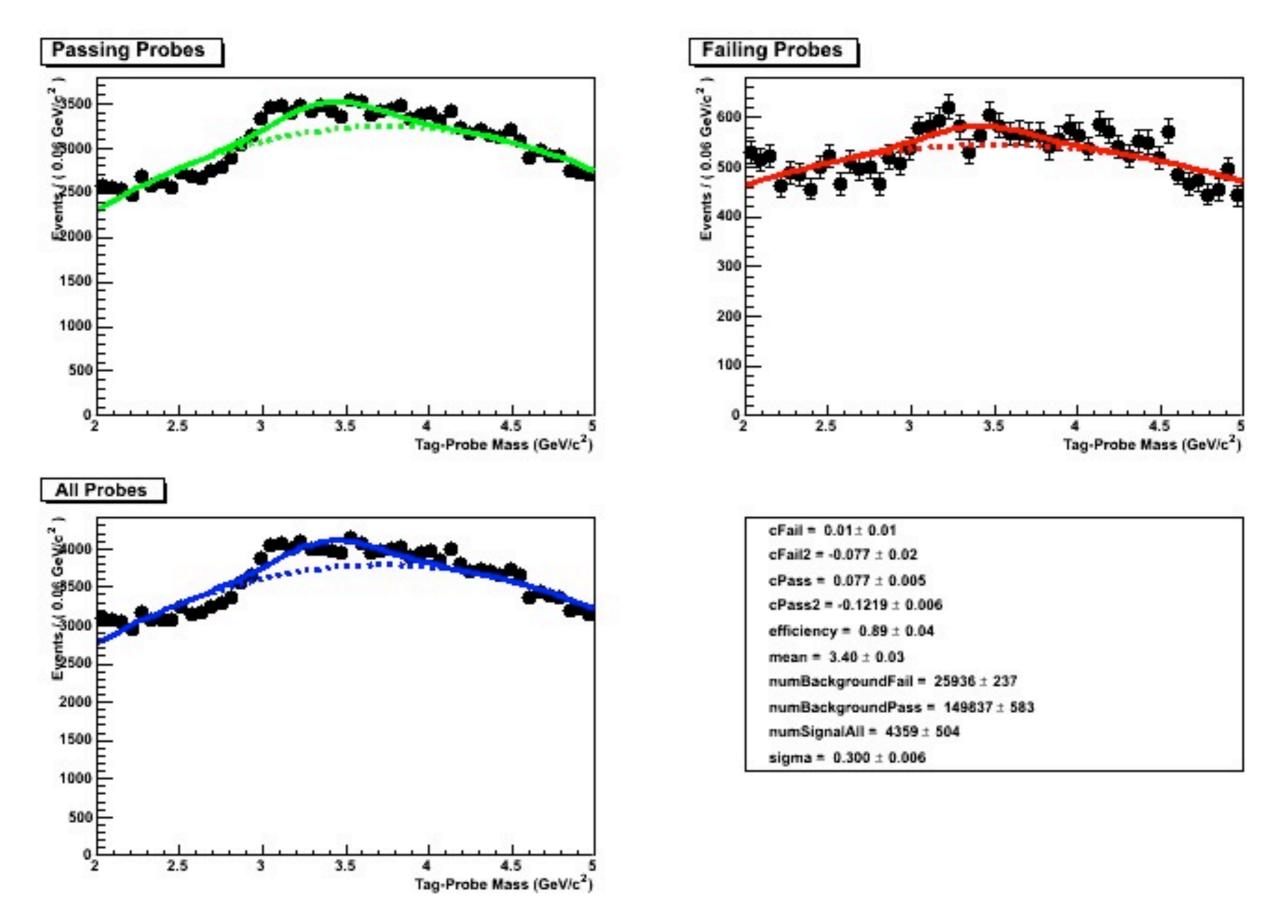
 Tracking is challenging due to bad resolution of STA muons.

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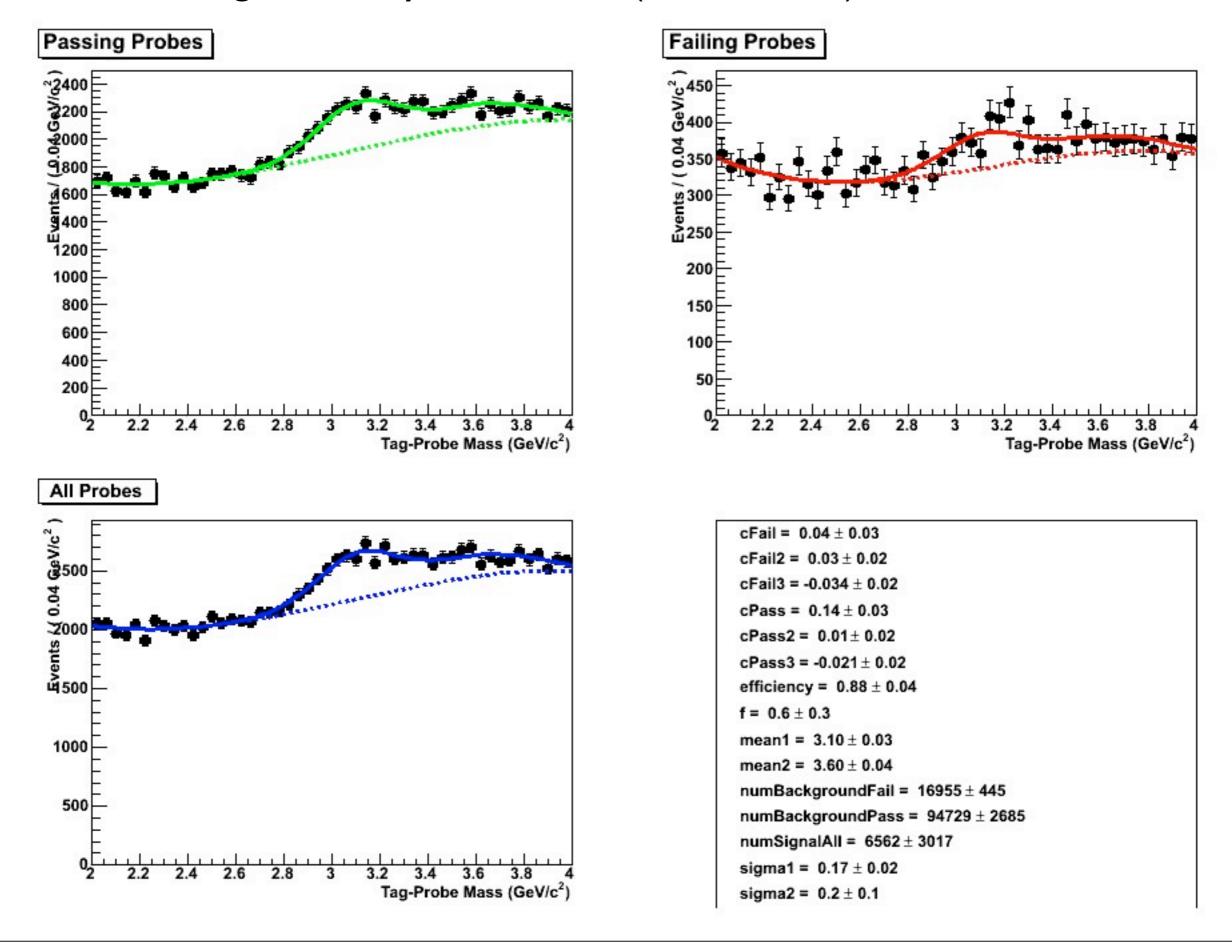
# TnP

- I tried TnP for tracking and Triggering to see if it was working and got the following results.
- Tracking efficiency will be a challenge.
- Triggering efficiency (peaks are showing).
- Recommendations. Make 1 bin pt and 1 bin eta only.

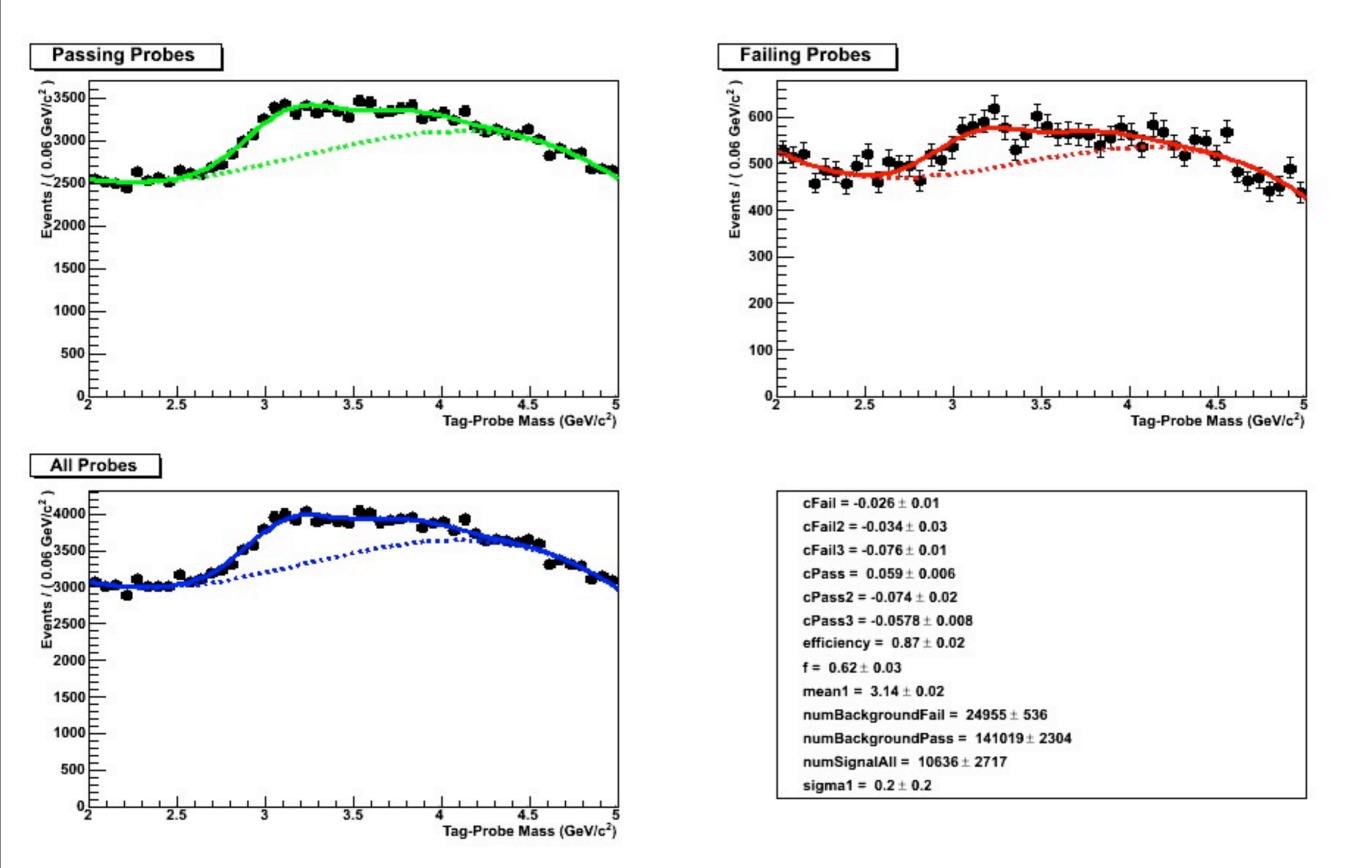
### Tracking Efficiency - Mass Fits (first trial)



#### Tracking Efficiency - Mass Fits (second trial)



### Tracking Efficiency - Mass Fits (third trial)



## Tracking Efficiency - Mass Fits (most peripheral bin)

