

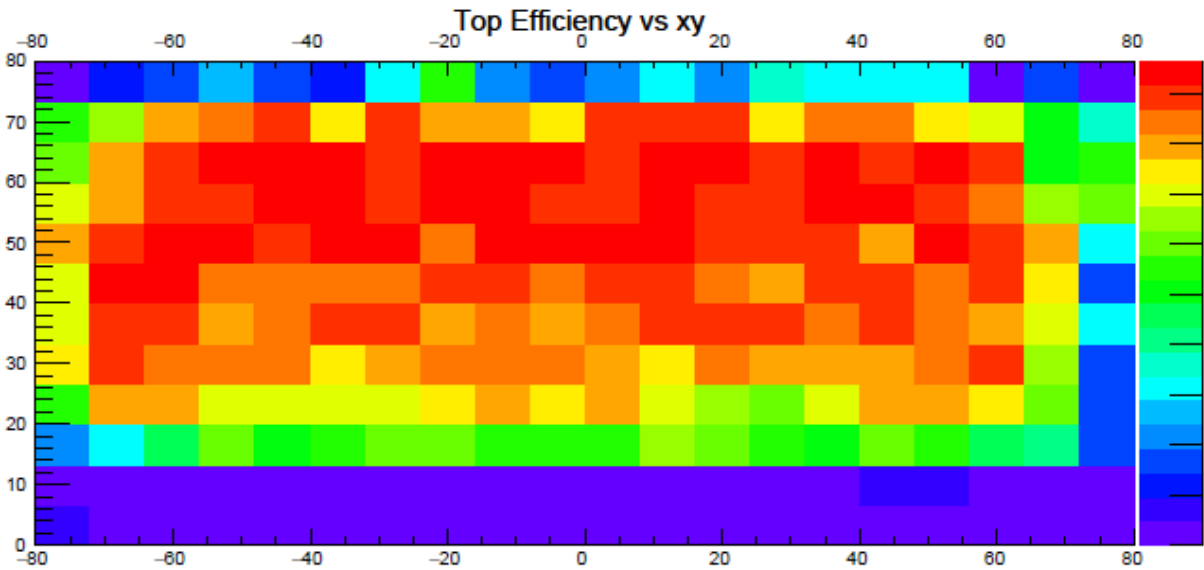
# Testin of Efficiency Program

Stefano Grazzi, Francesco Noferini

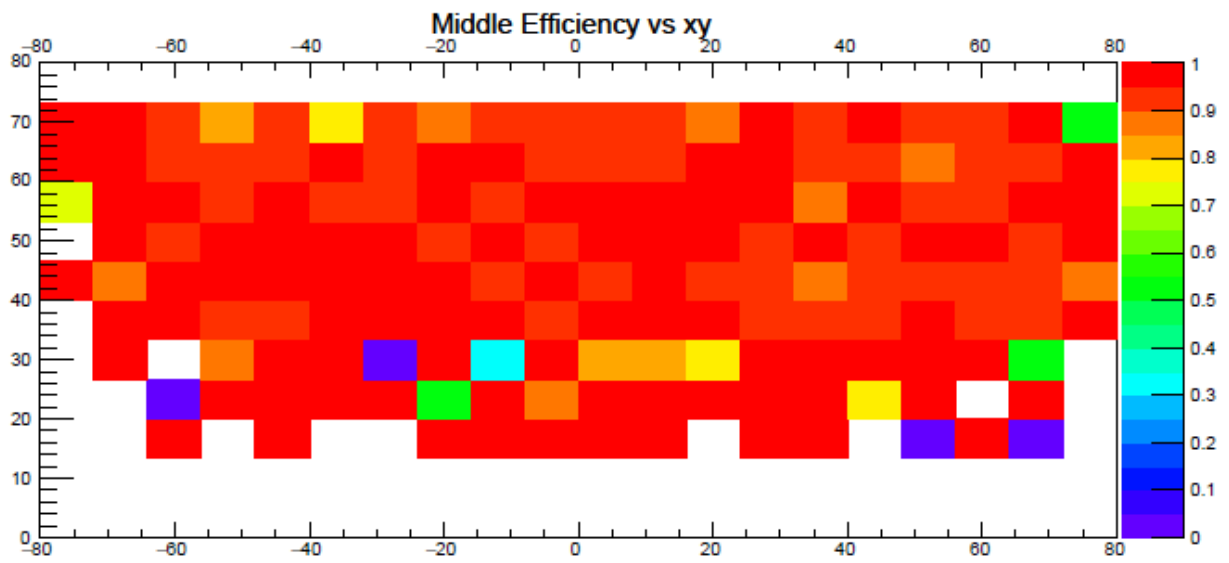
# Efficiency program

- Francesco with a student have developed a program to value the chambers efficiency using data collected during Run
- I tested this program to understand if can be used to monitor the telescope efficiency during run and for a mapping of efficiency on chambers
- The program used 2 trigger chambers event and reconstructed track and search if there is a match in a specific area on third chamber

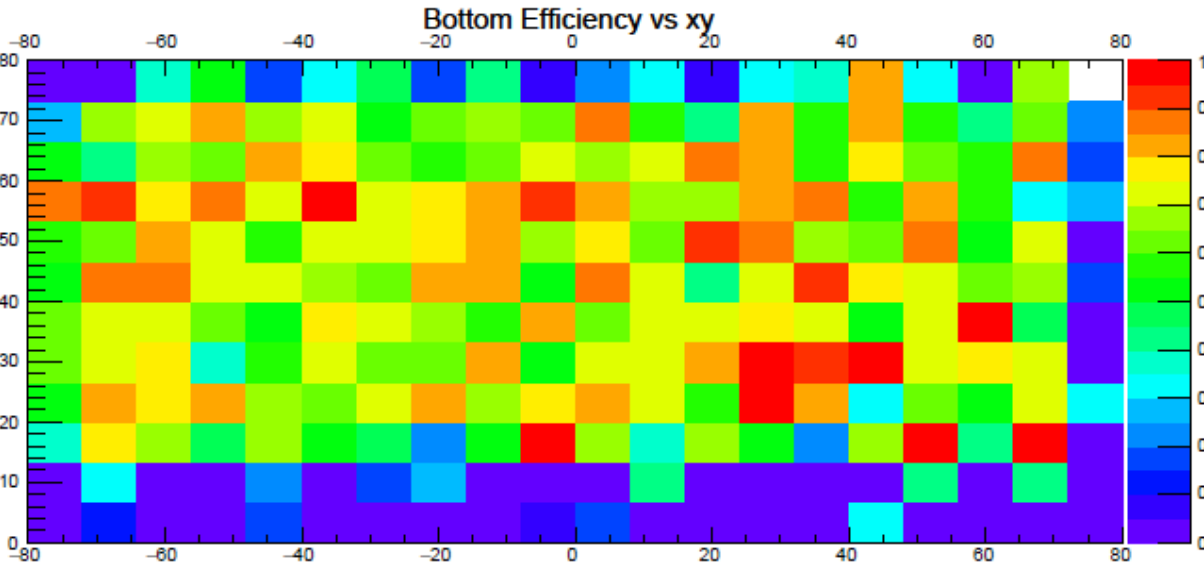
# CERN – Eff over chamber 2D



X

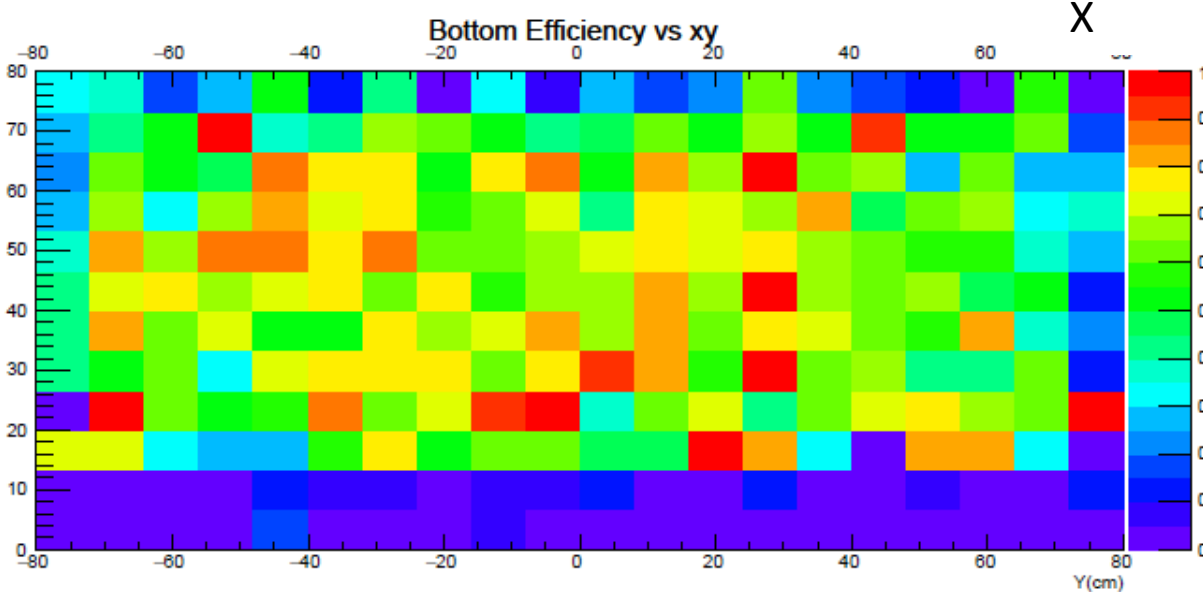
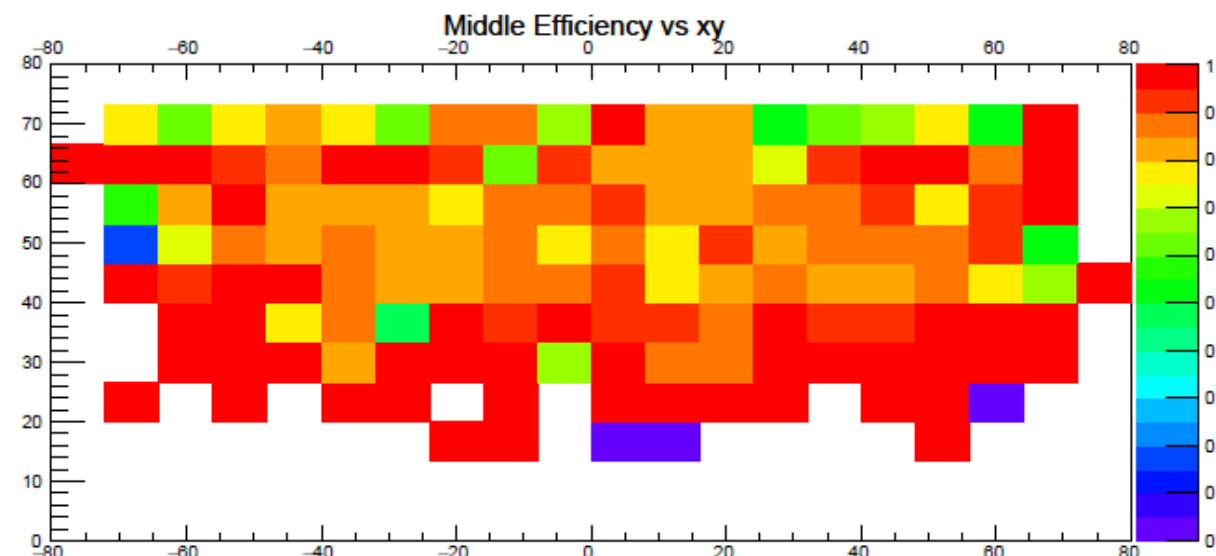
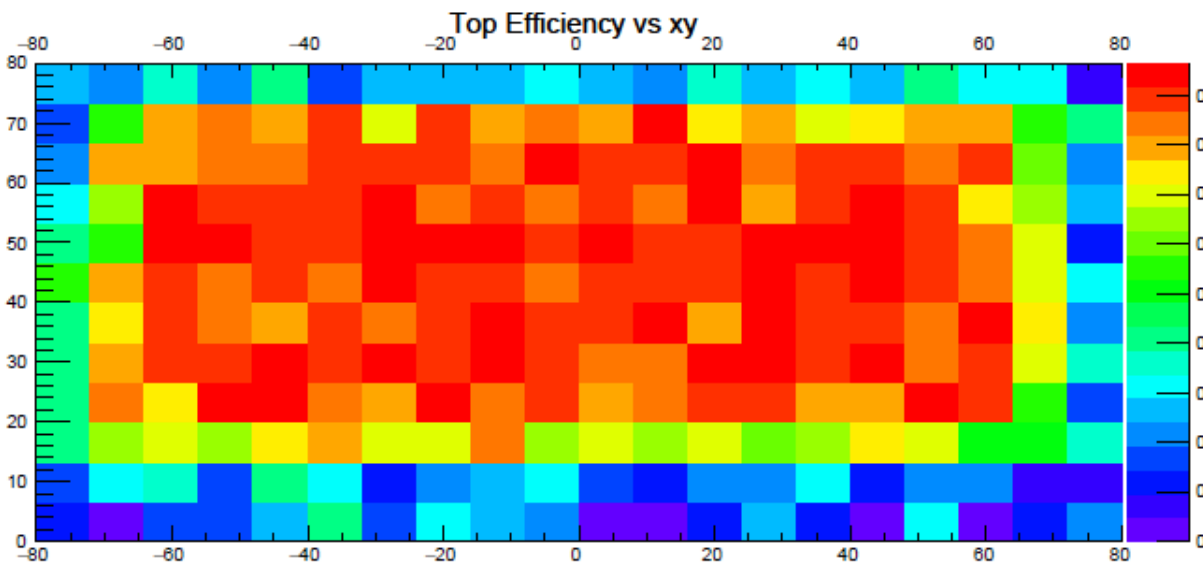


X



X

# TORI-03– Eff over chamber 2D



X

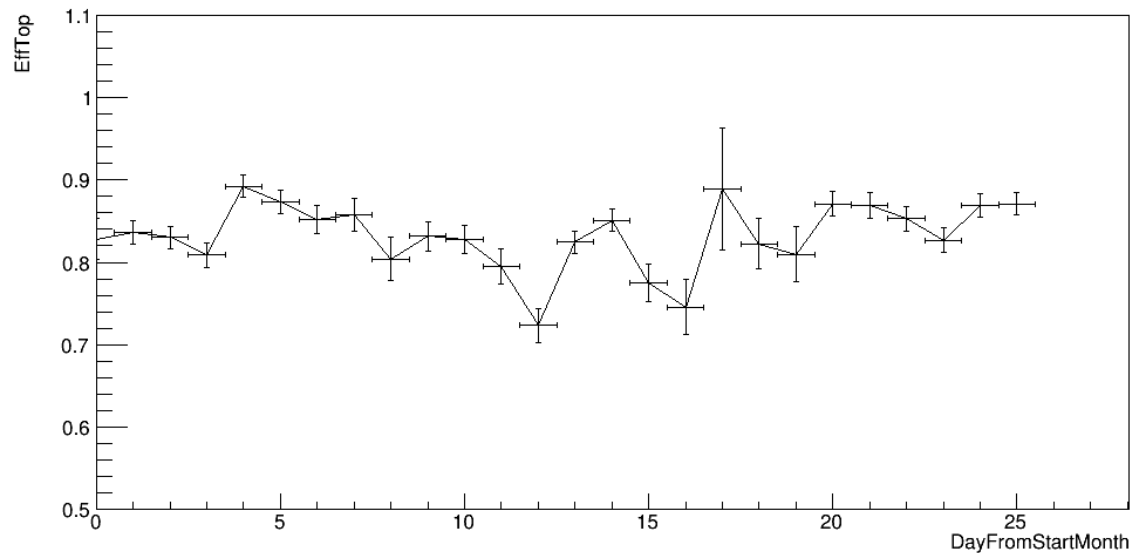
X

X

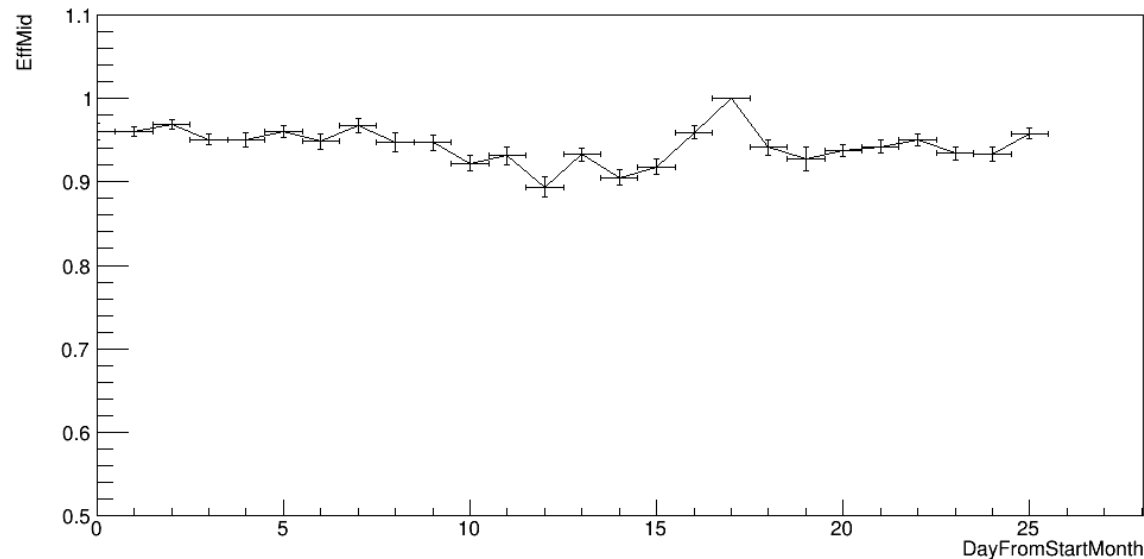
Y(cm)

# CERN - Eff over time - $40 < x < 40 - 20 < y < 60$

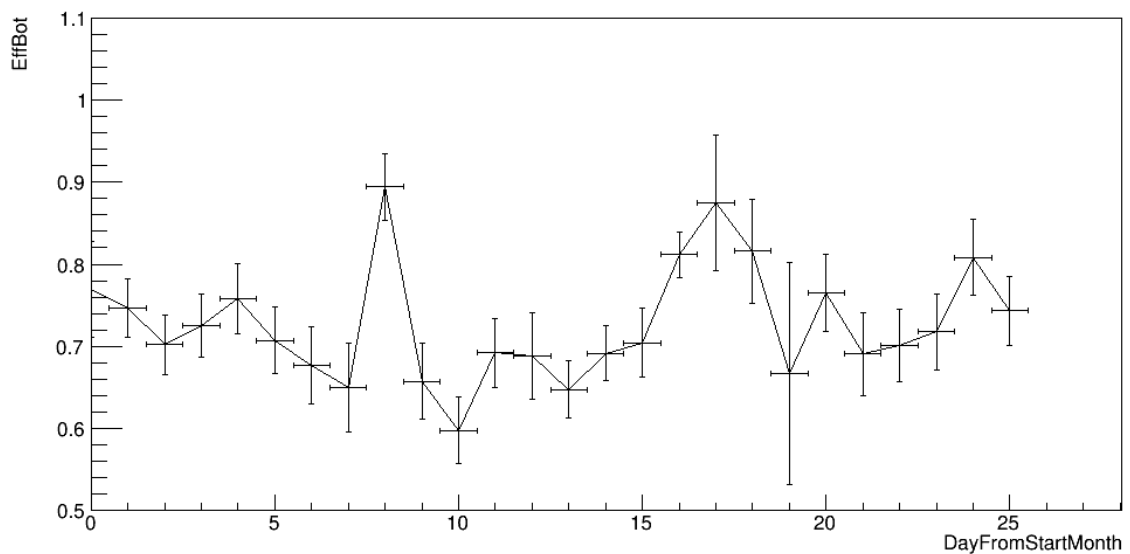
Efficiency over time



Efficiency over time

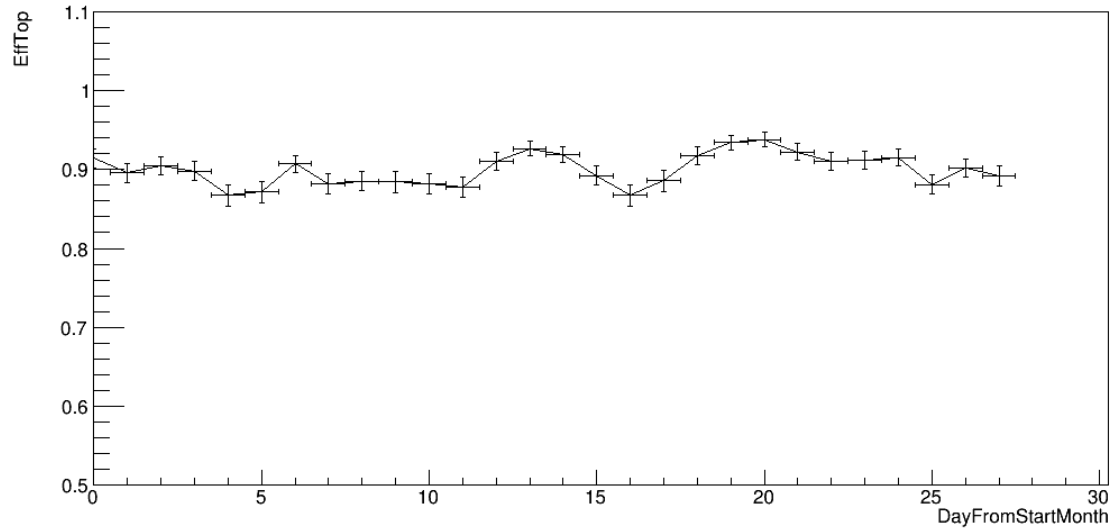


Efficiency over time

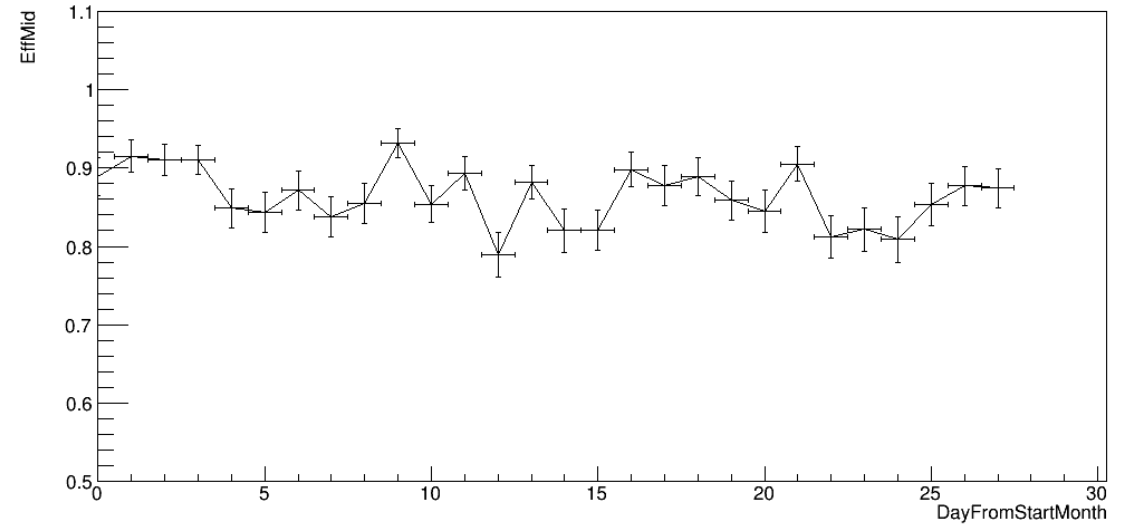


# TORI- Eff over time - $40 < x < 40 - 20 < y < 60$

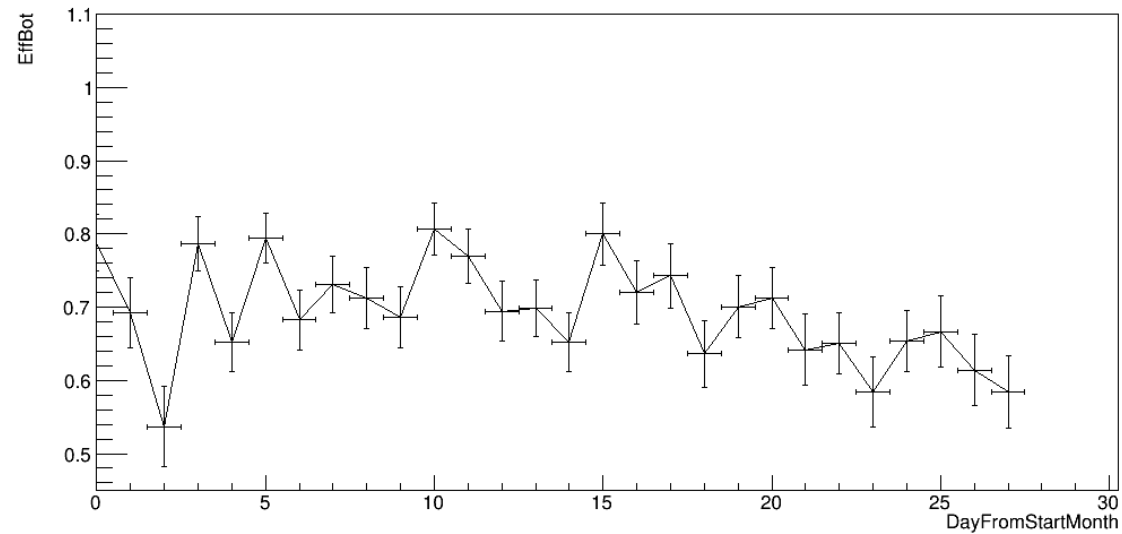
Efficiency over time



Efficiency over time

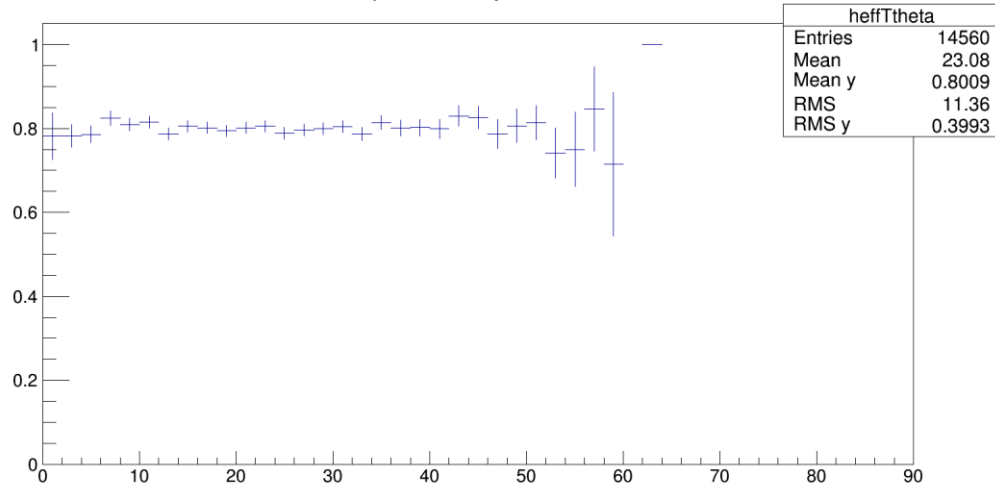


Efficiency over time

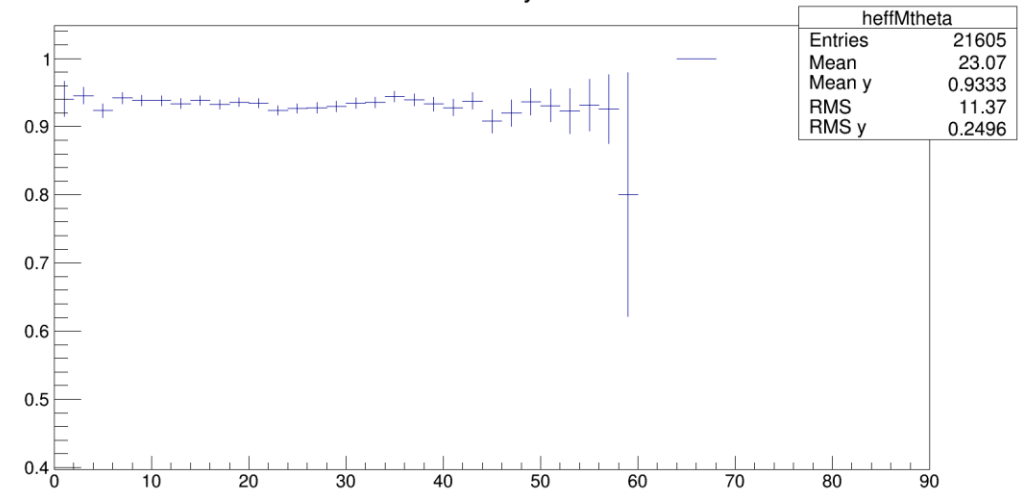


# CERN – Eff vs theta

Top Efficiency vs theta



Middle Efficiency vs theta



Bottom Efficiency vs theta

