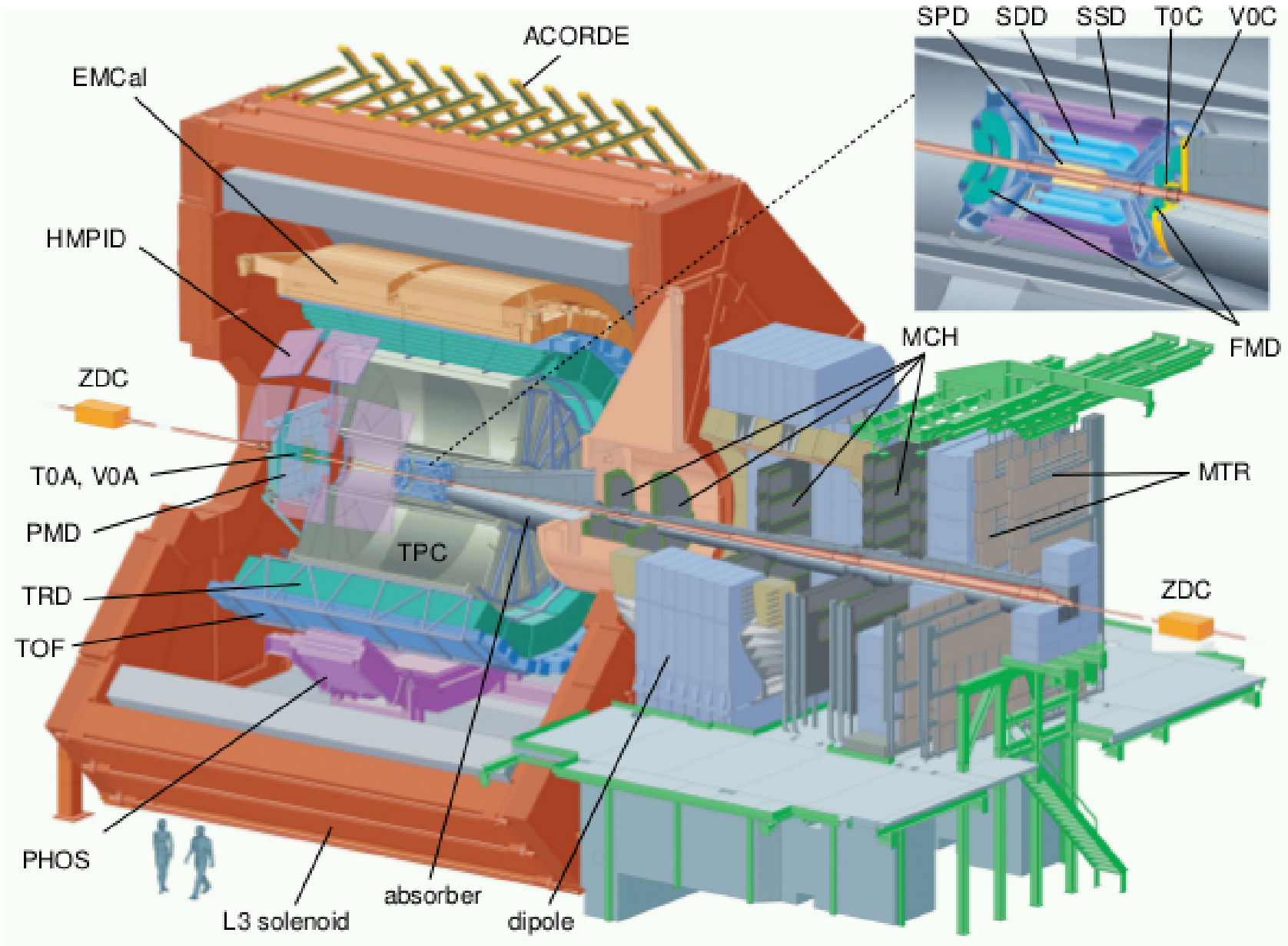


# Measuring the Efficiency of the ALICE TOF Detector

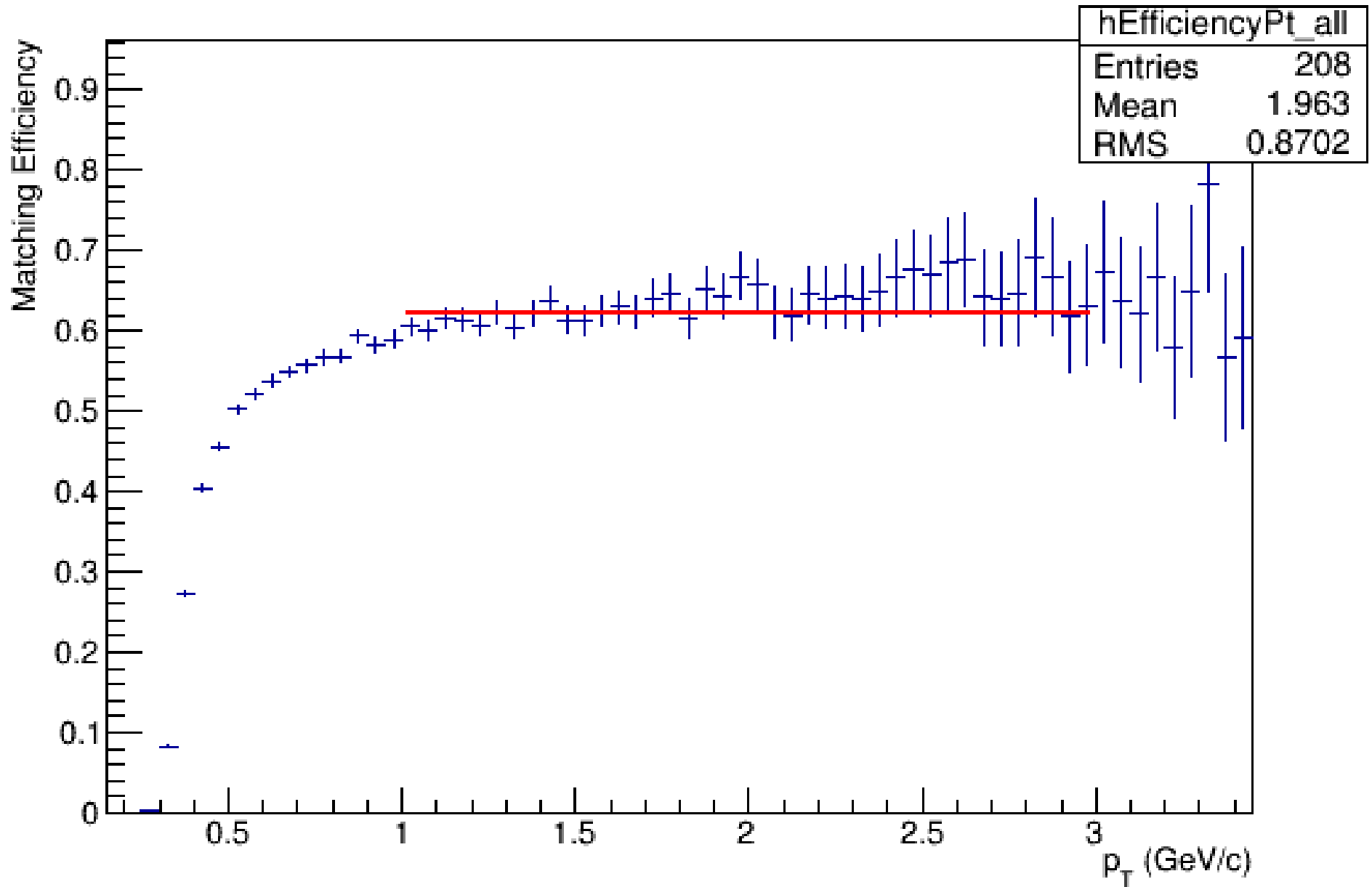
William Bergan

# ALICE Detector

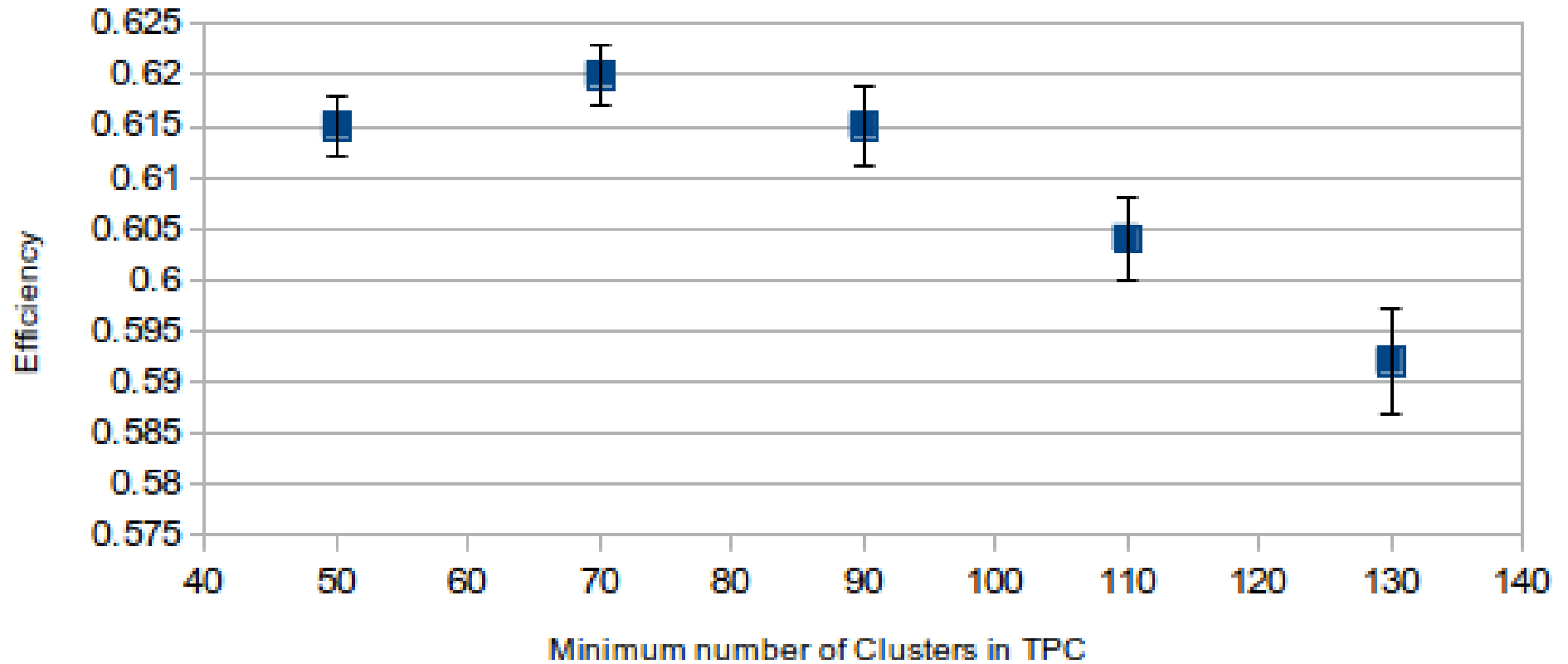


Performance of the ALICE Experiment at the CERN LHC, March 17, 2014.

Mathcing Efficiency as a Function of Transverse Momentum for All Particles



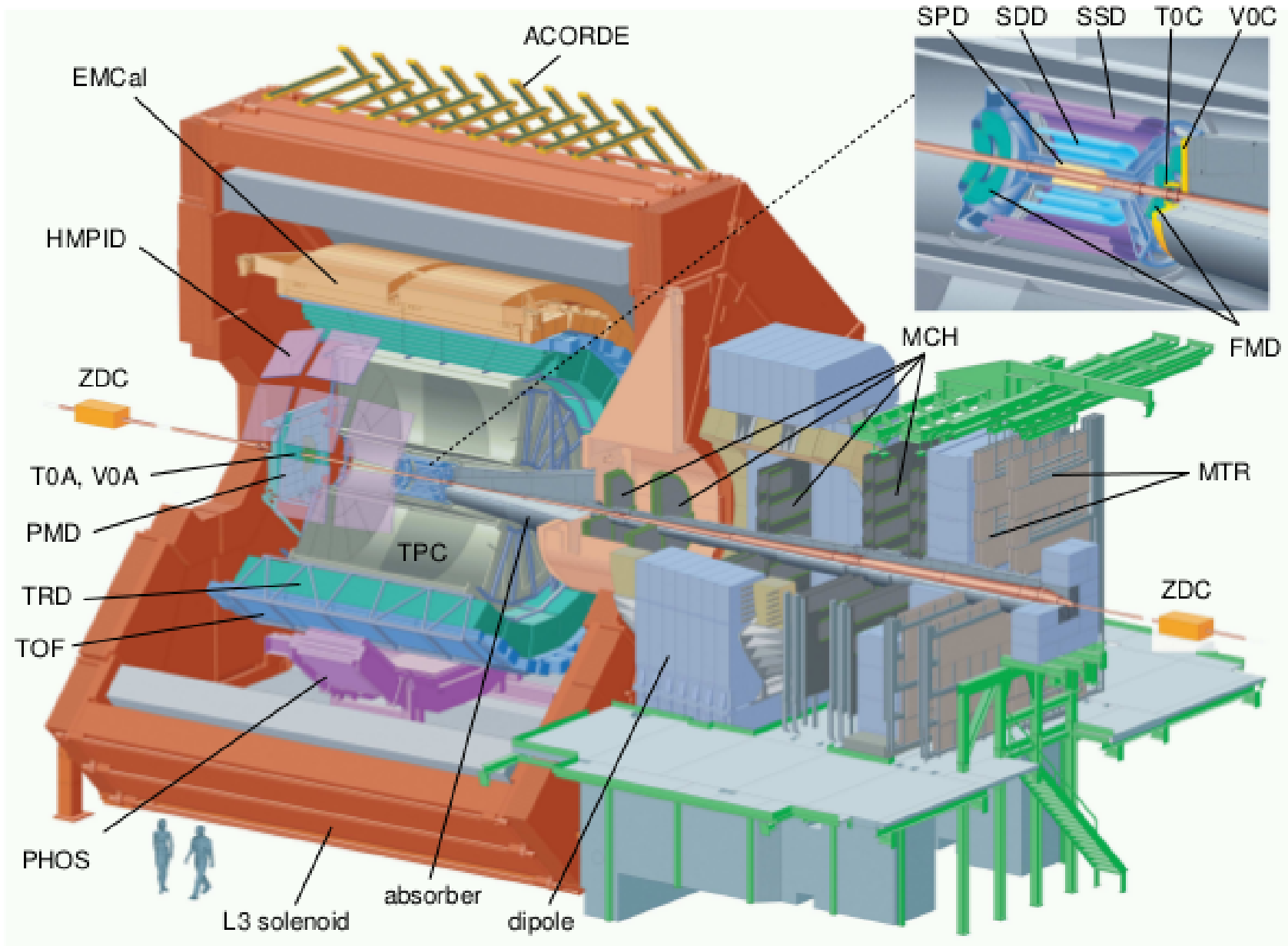
## TOF Efficiency as a Function of Cluster Cut



# Future Plans

- Run previous analyses on larger dataset
- Select only tracks with a hit in the ECAL

# ALICE Detector



Performance of the ALICE Experiment at the CERN LHC, March 17, 2014.

# Future Plans

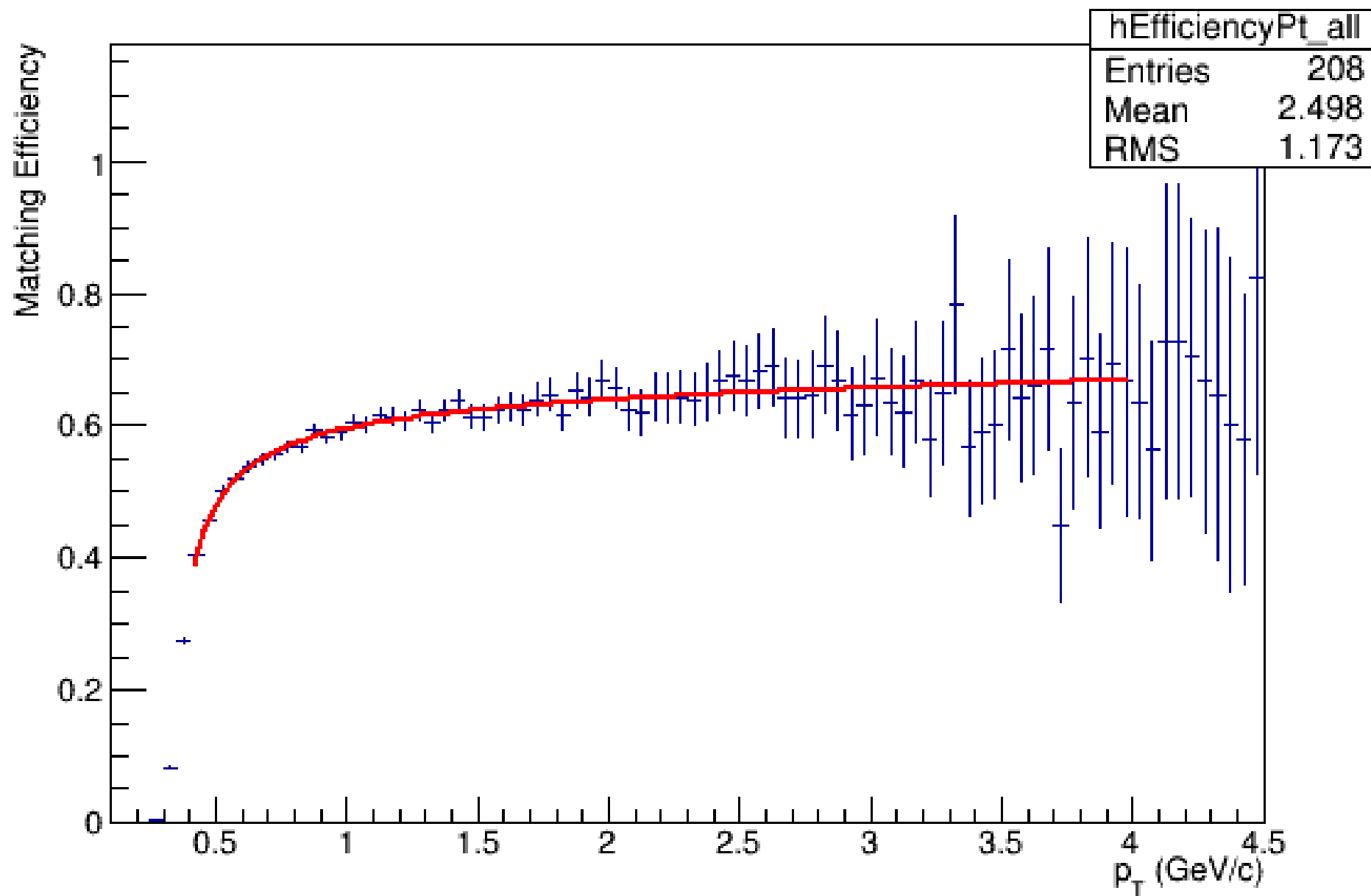
- Run previous analyses on larger dataset
- Select only tracks with a hit in the ECAL



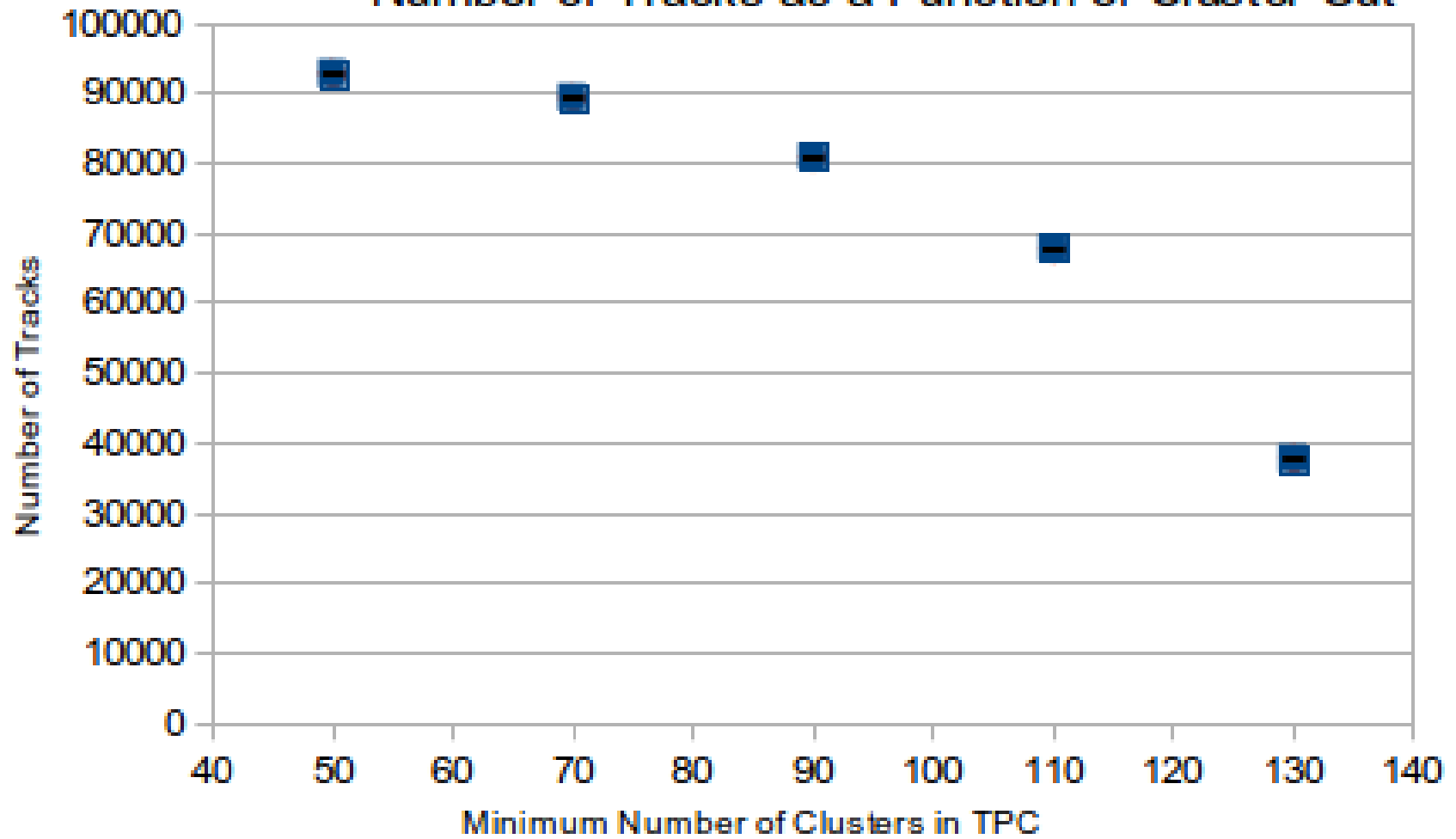


# Backup Slides

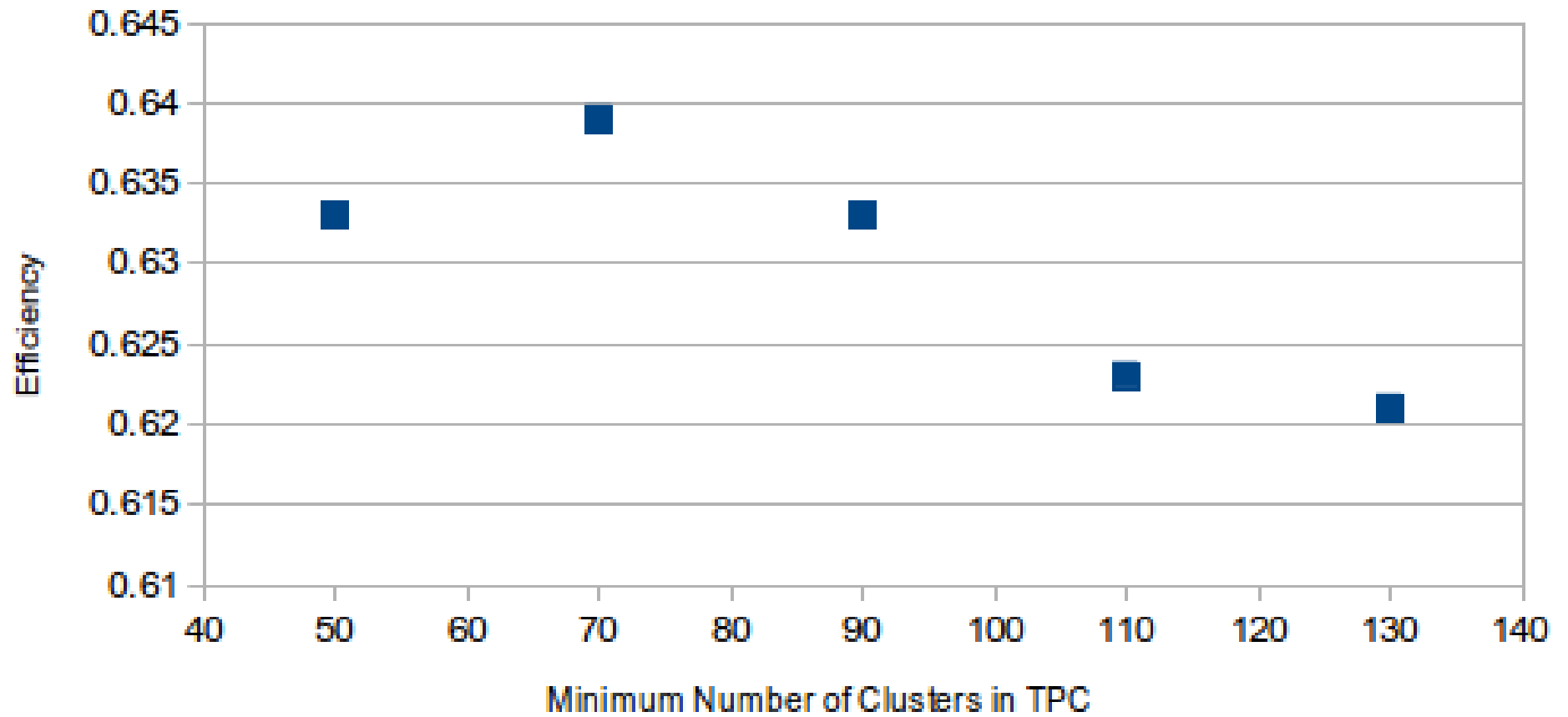
Mathcing Efficiency as a Function of Transverse Momentum for All Particles



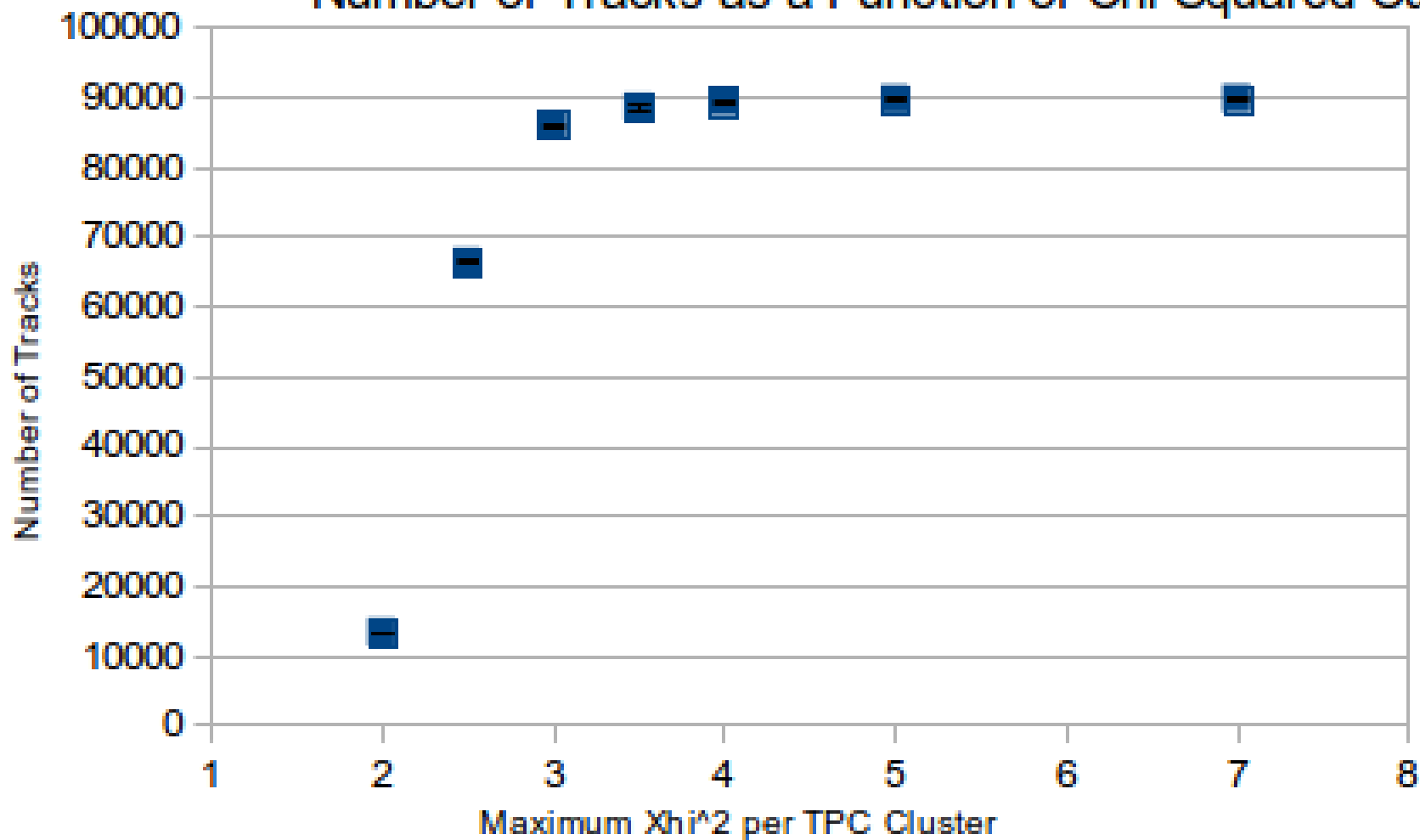
Number of Tracks as a Function of Cluster Cut



## TOF Efficiency as a Function of Cluster Cut



### Number of Tracks as a Function of Chi Squared Cut



# TOF Efficiency as a Function of Chi Squared Cut

