ATLAS Muon Barrel Level-1 trigger performance in 2017 data
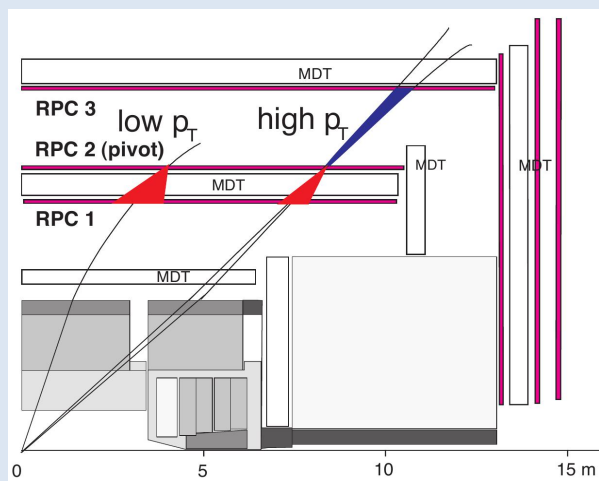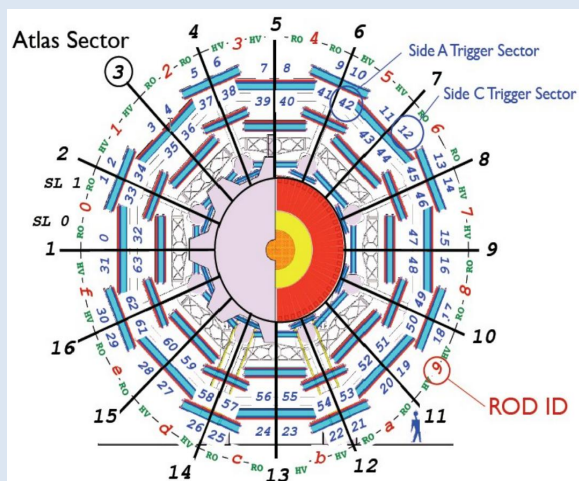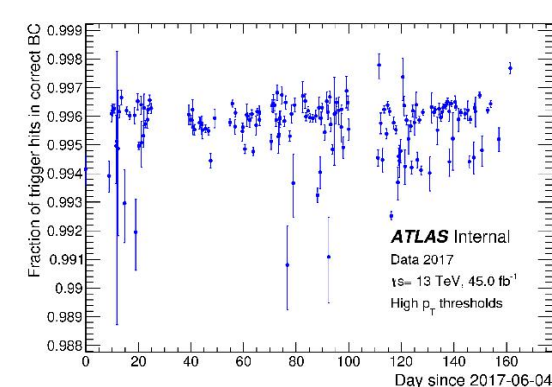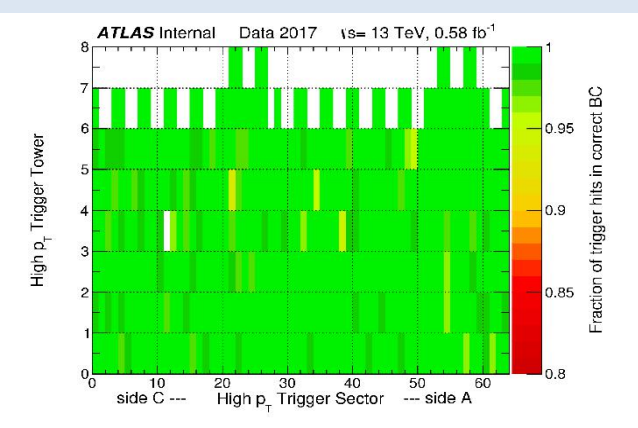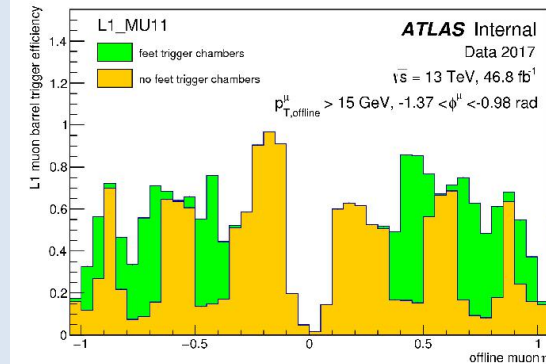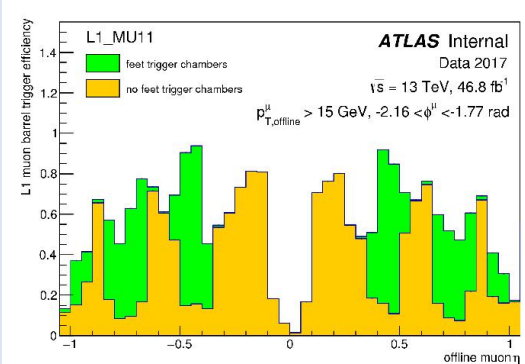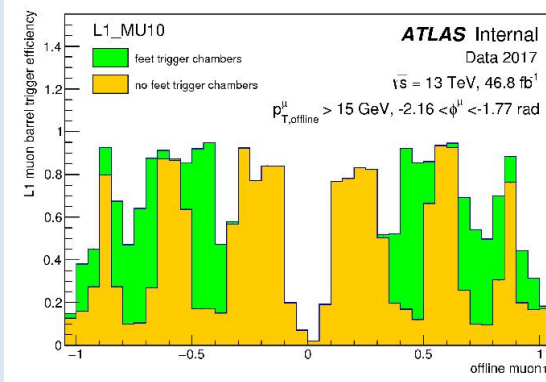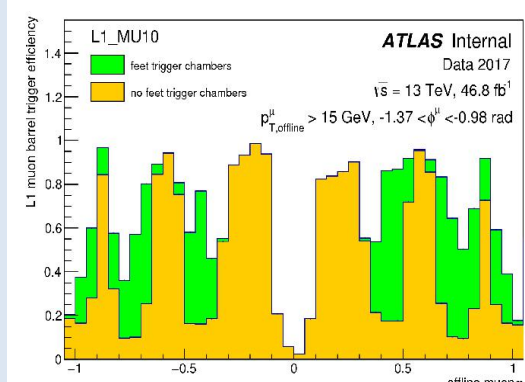
Introduction

The ATLAS RPC Detector and Trigger System & muon barrel trigger logic
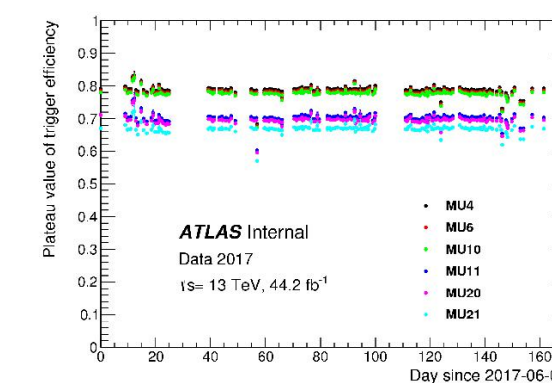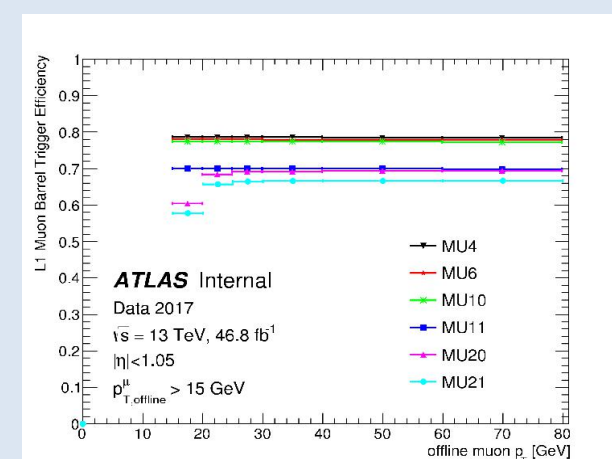

Tigger timing performance

Trigger efficiency vs. offline muon eta

Trigger efficiency vs. offline muon pT

Trigger efficiency in comparison with that in 2016

Trigger efficiency vs. offline muon phi

Heng Li (University of Science and Technology of China) on behalf of the ATLAS Collaboration

ATLAS EXPERIMENT