

A Look-See at muon data

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Abstract

We investigate preliminary data from proton-proton collisions in Run 3 at ALICE to compare the new Muon Forward Tracker (MFT) to the newly upgraded Inner Tracking System (ITS).

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1 Introduction

2 Background

2.1 The ALICE Detector

- What is the LHC?
- What is ALICE?
- What does ALICE look for?
- What is Run 3?

The ALICE detector (A Large Ion Collider Experiment) is a detector experiment at the Large Hadron Collider at CERN. Its primary goal is the investigation of “strongly interacting matter at extreme energy densities” [1]

2.2 Run 3 Specifics

- What was upgraded/added in Run 3?
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2.3 Muon Forward Tracker

References

- [1] Letter of Intent for A Large Ion Collider Experiment [ALICE]. Technical report, CERN, Geneva, 1993.