

1 Introduction

The following sections show plots from analysis of MuonSC8.

2 SC8 Raw Data

Configuraion of the run since (06/28/2019):

Layer 0: (BB 0) 6 Channels, without cone, direct

Layer 0: (BB 1) 5 channels, without cone, direct

Layer 1: (BB 0) 6 Channels, with new holders, long cones

Layer 1: (BB 1) 4 Channels, with new holders, long cones

Layer 2: (BB 0) 6 channels, without Cone, direct

Layer 2: (BB 1) 5 channels, without Cone, direct

Layer 3: (BB 0) 6 channels, old holder, long cones

Layer 3: (BB 1) 5 Channels, old holder, long cones

3 Hit Cluster Analysis

Clusters of hits in global time frame.

4 Muon Track Analysis

Four layer coincidence.

The number of hits on muon track = 1 hit per layer

5 Water Tower Analysis

Four layer coincidence.

The number of hits on muon track = 1 hit per layer