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MuonSC8 Analysis Team   2019-10-09.23:25:20

1   Introduction

The follwoing sections show plots from analysis of MuonSC8.

2   SC8 Raw Data

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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
```