

**LED Monitoring Update  
Calorimetry meeting Sep 29 2021**

Varun Neelamana



University  
of Regina



Faculty of  
Science

17 Runs

81113-81134

Y Axis

0.98

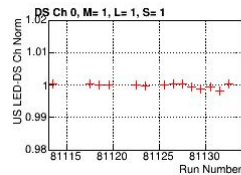
To

1.02

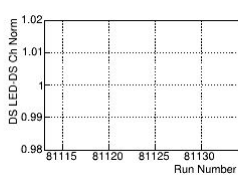
Run Number



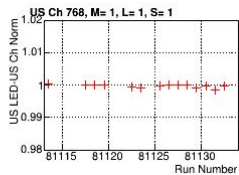
US LED



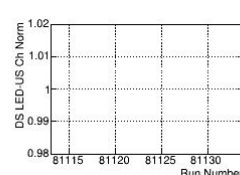
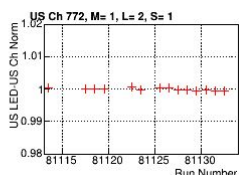
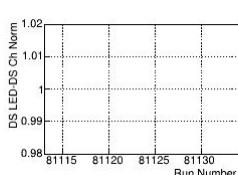
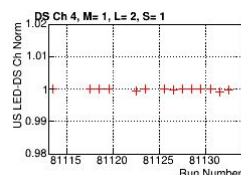
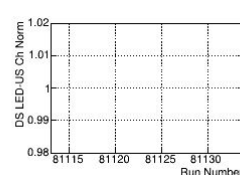
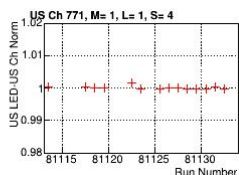
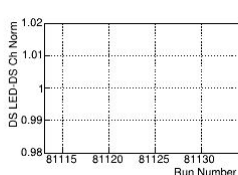
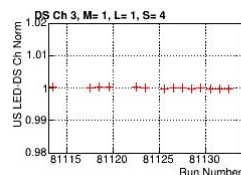
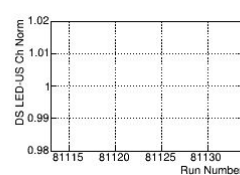
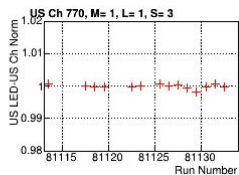
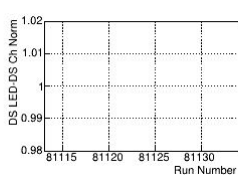
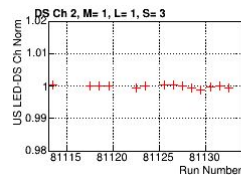
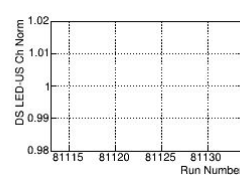
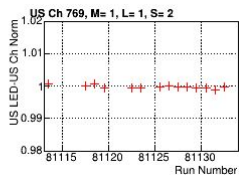
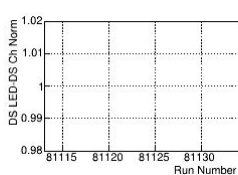
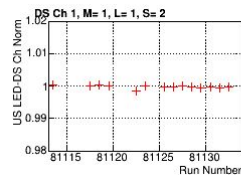
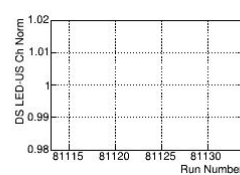
DS LED



US LED



DS LED



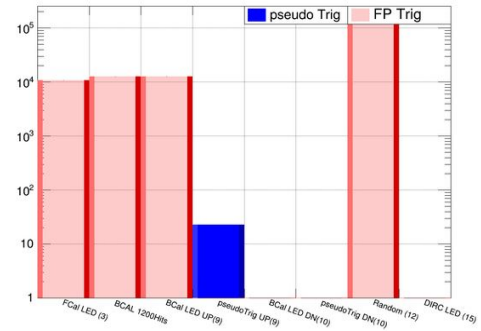
21 UP LEDs have small fluctuations (out of 768)

Downstream SiPMs

Upstream SiPMs

### Run081134 info

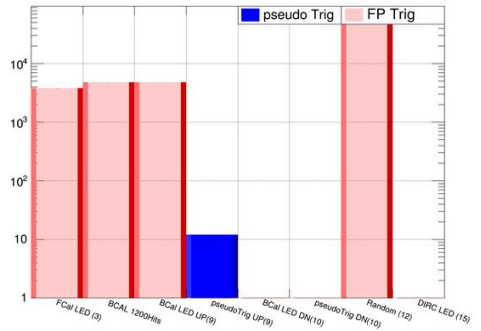
L1 Front Panel Trigger Bits



### Run081131 info

### Run081133 info

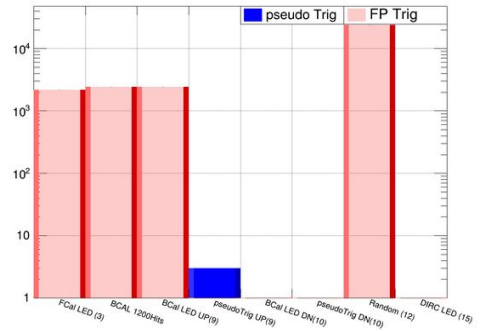
L1 Front Panel Trigger Bits



### Run081130 info

### Run081132 info

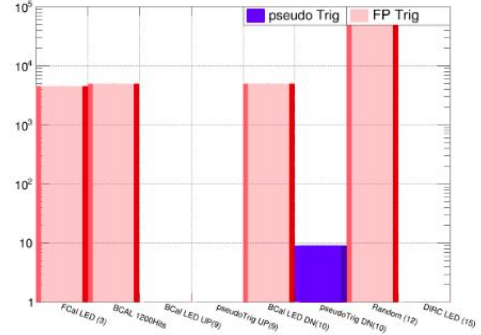
L1 Front Panel Trigger Bits



### Run081129 info

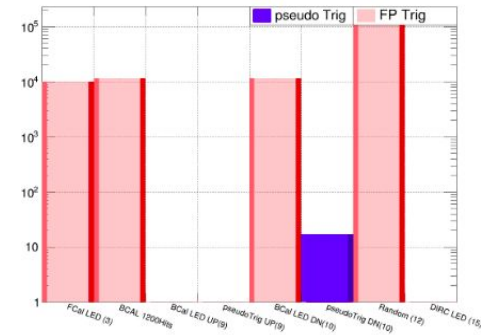
### Run081266 info

L1 Front Panel Trigger Bits



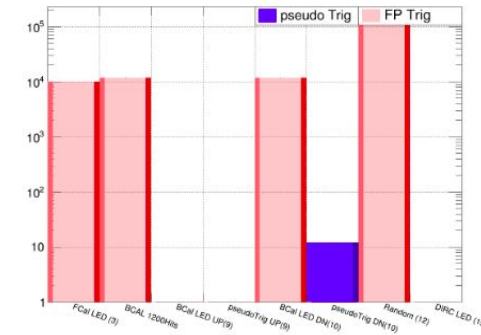
### Run081265 info

L1 Front Panel Trigger Bits



### Run081264 info

L1 Front Panel Trigger Bits



DS LED  
FP trigger  
Missing

US LED  
FP trigger  
Missing

# L1 Front Panel Trigger Bits

