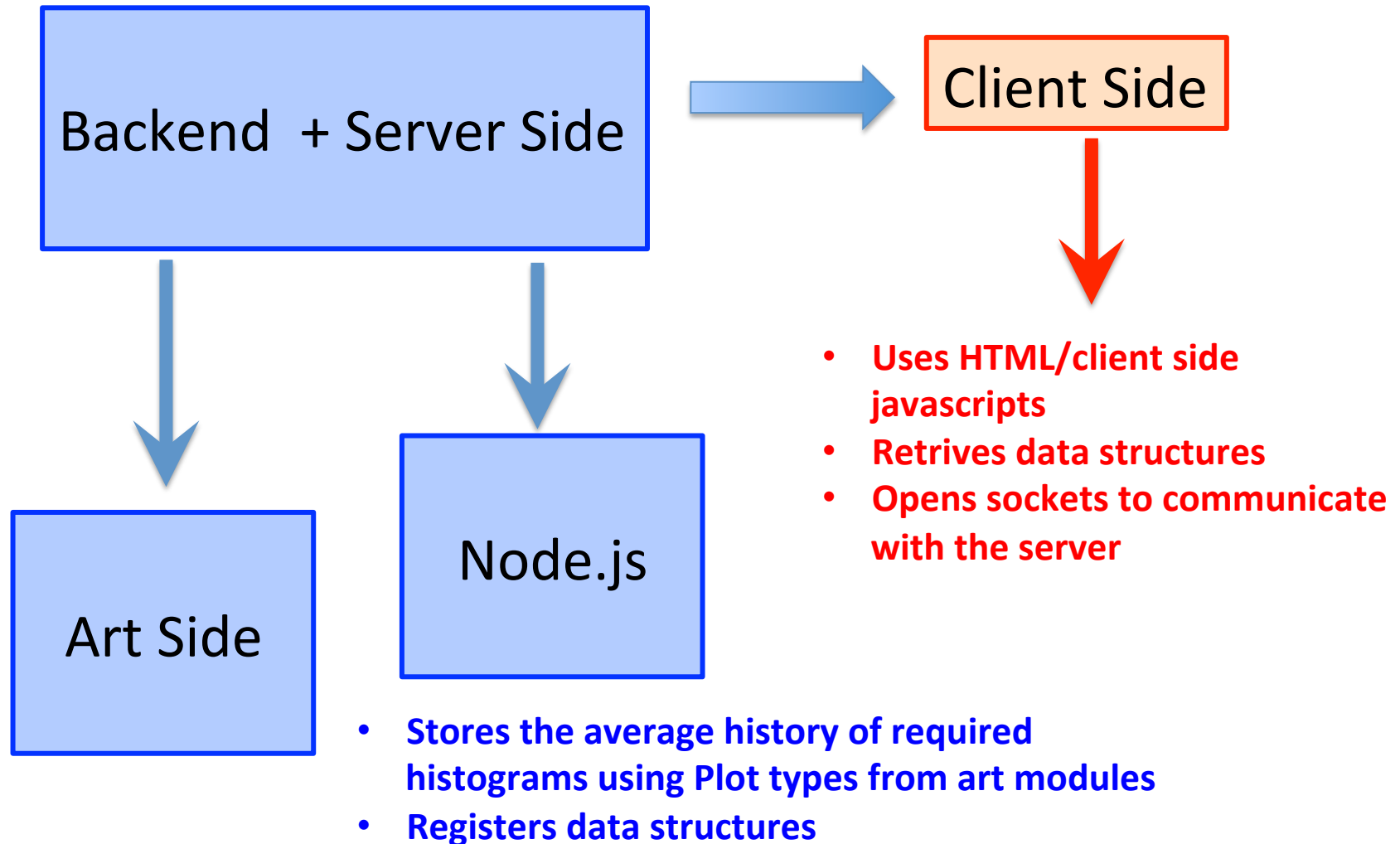


Current Status of the DQM

Nandita Raha, Antonio Gioiosa

Brief Architecture - Basics



New Plots – Source Monitors PiD1

Muon g-2 DQM

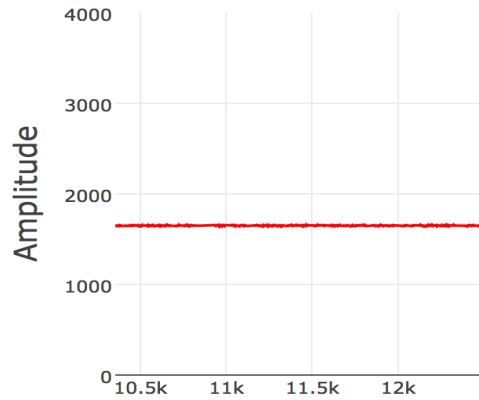
Run 18150 Event 12483

2018-11-07 17:02:38

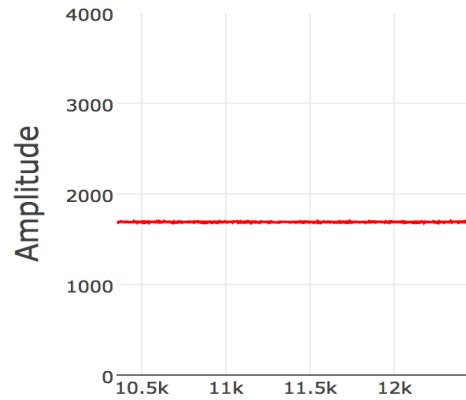
Subsystem ▾

Not connected

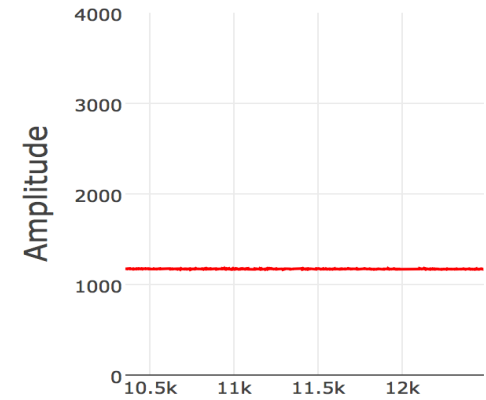
Laser 1 sync amplitude history



Laser 2 sync amplitude history

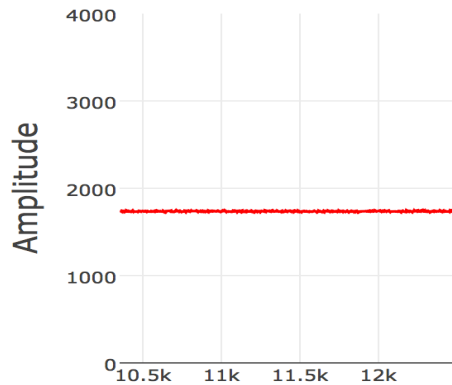


Laser 3 sync amplitude history



Event Num

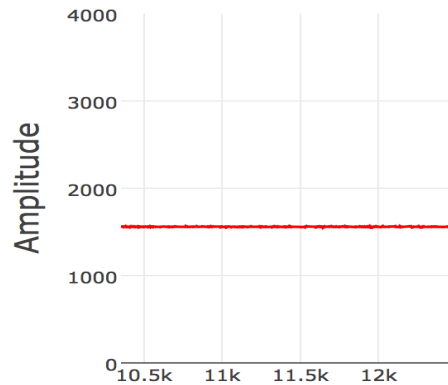
Laser 4 sync amplitude history



Event Num

Event Num

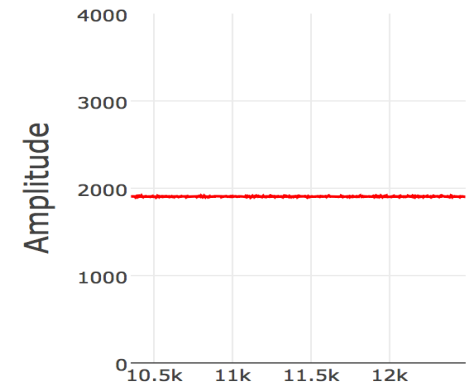
Laser 5 sync amplitude history



Event Num

Event Num

Laser 6 sync amplitude history



Event Num

Comparing/Verifying plots – SM PiD1

Muon g-2 DQM

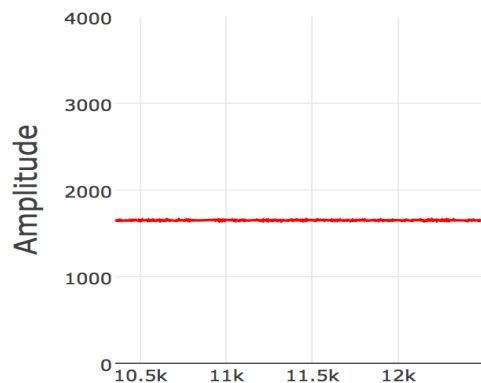
Run 18150 Event 12483

2018-11-07 17:02:38

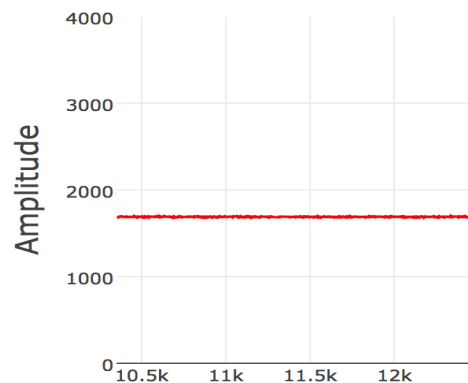
Subsystem ▾

Not connected

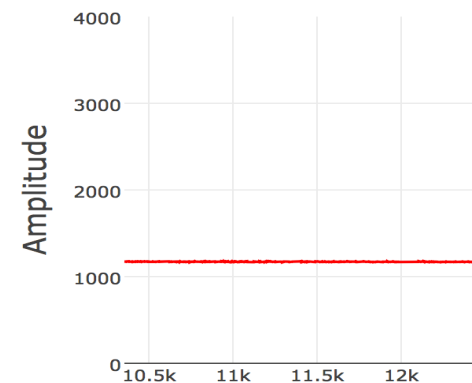
Laser 1 sync amplitude history



Laser 2 sync amplitude history



Laser 3 sync amplitude history

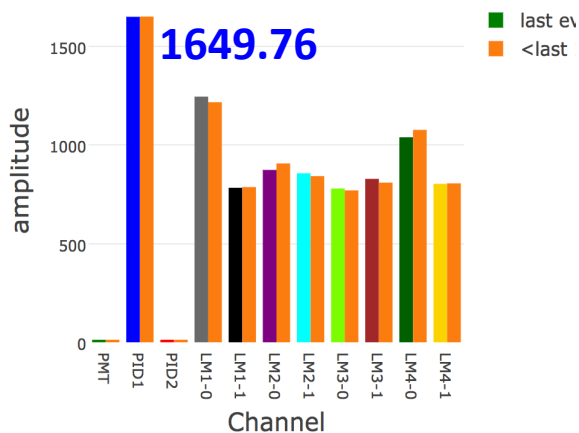


Event Num

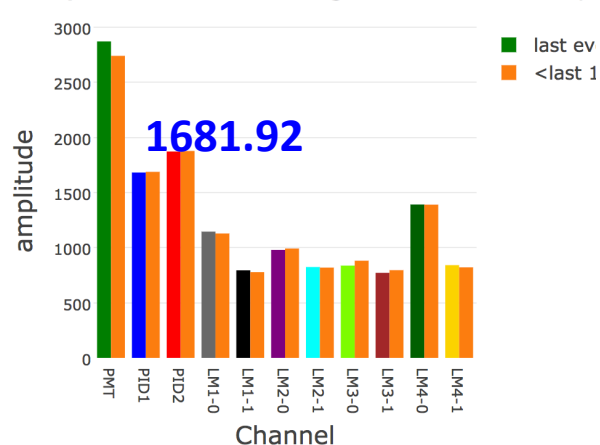
Event Num

Event Num

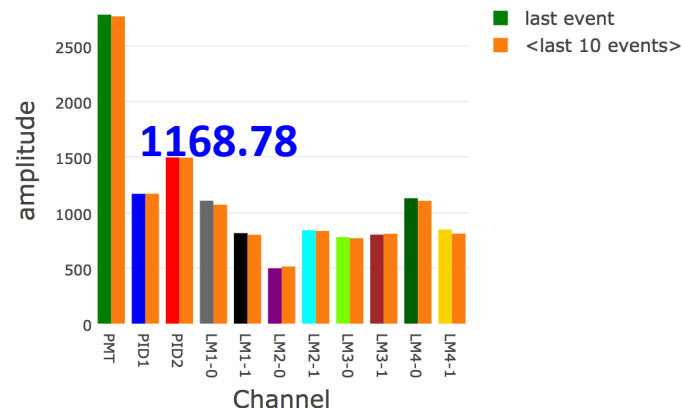
sync pulse amplitudes for laser 1
(click on bars to change channel in other p



sync pulse amplitudes for laser 2
(click on bars to change channel in other pl



sync pulse amplitudes for laser 3
(click on bars to change channel in other plots)

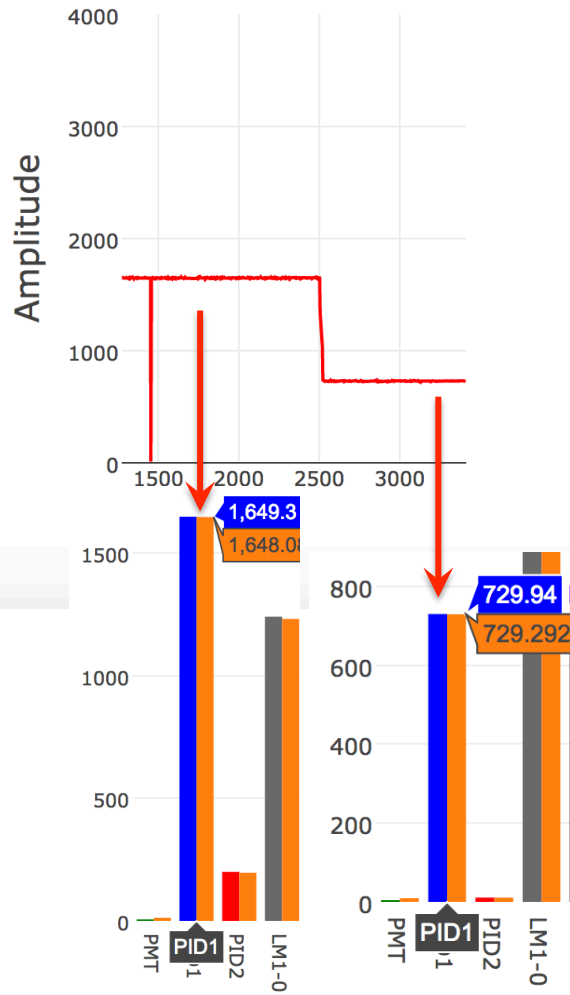


Unstable – SM PiD1 for laser 1, Run 18151??

NUMBER 18151 EVENT 3412 N. LM ISLANDS (for each channel) N. SM ISLANDS (for each channel)

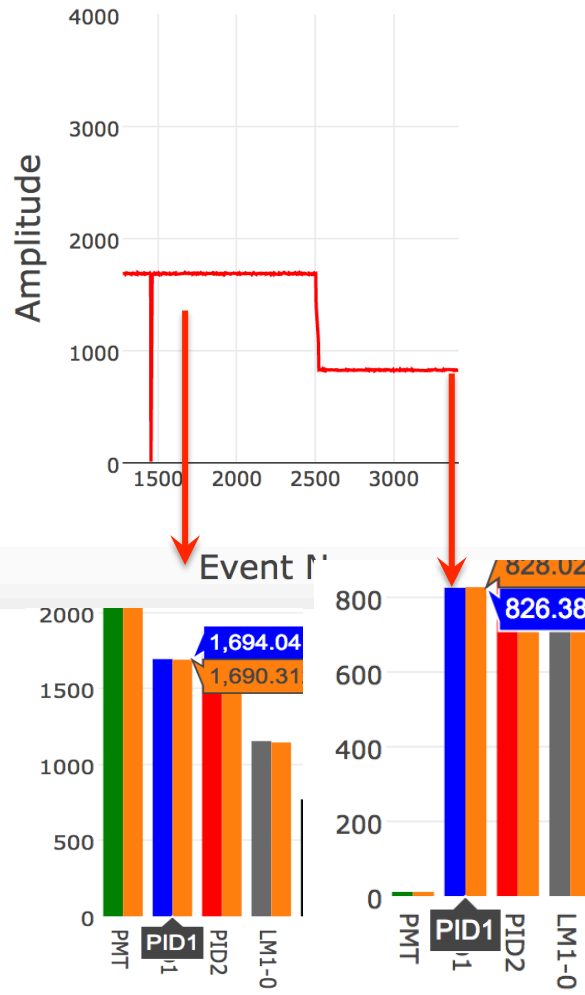
LASER 1

Laser 1 sync amplitude history



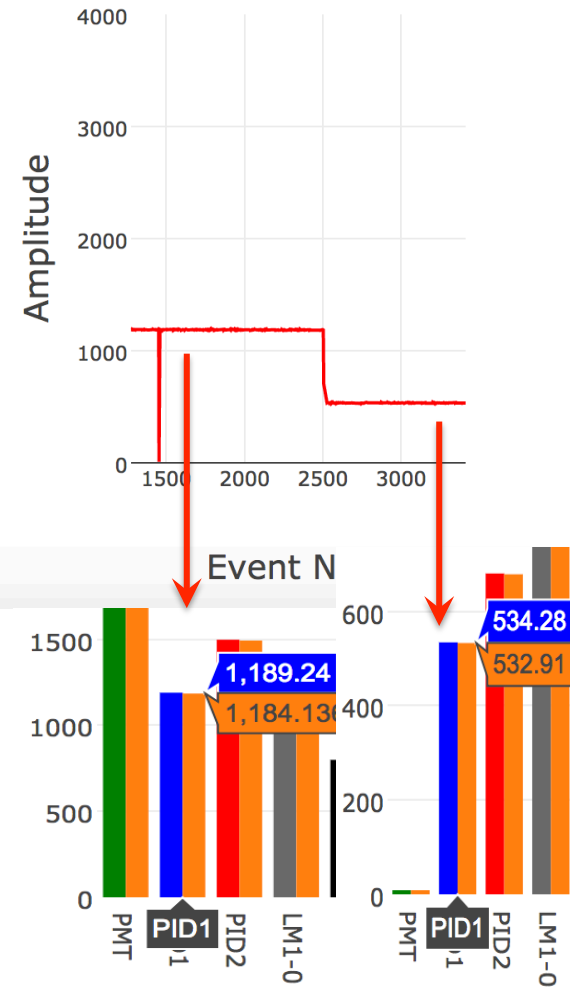
LASER 2

Laser 2 sync amplitude history



LASER 3

Laser 3 sync amplitude history



Uses and Future Steps

- Helpful for debugging purposes, checking stabilities, comparing with averages etc.
- Ongoing work in progress
- Need to add other summary histograms for debugging purposes
- Thanks to Antonio for the help!!

Overlaid SM signals – PiD1, PiD2, PMT

Laser 2 sync amplitude history

