STAR Operations

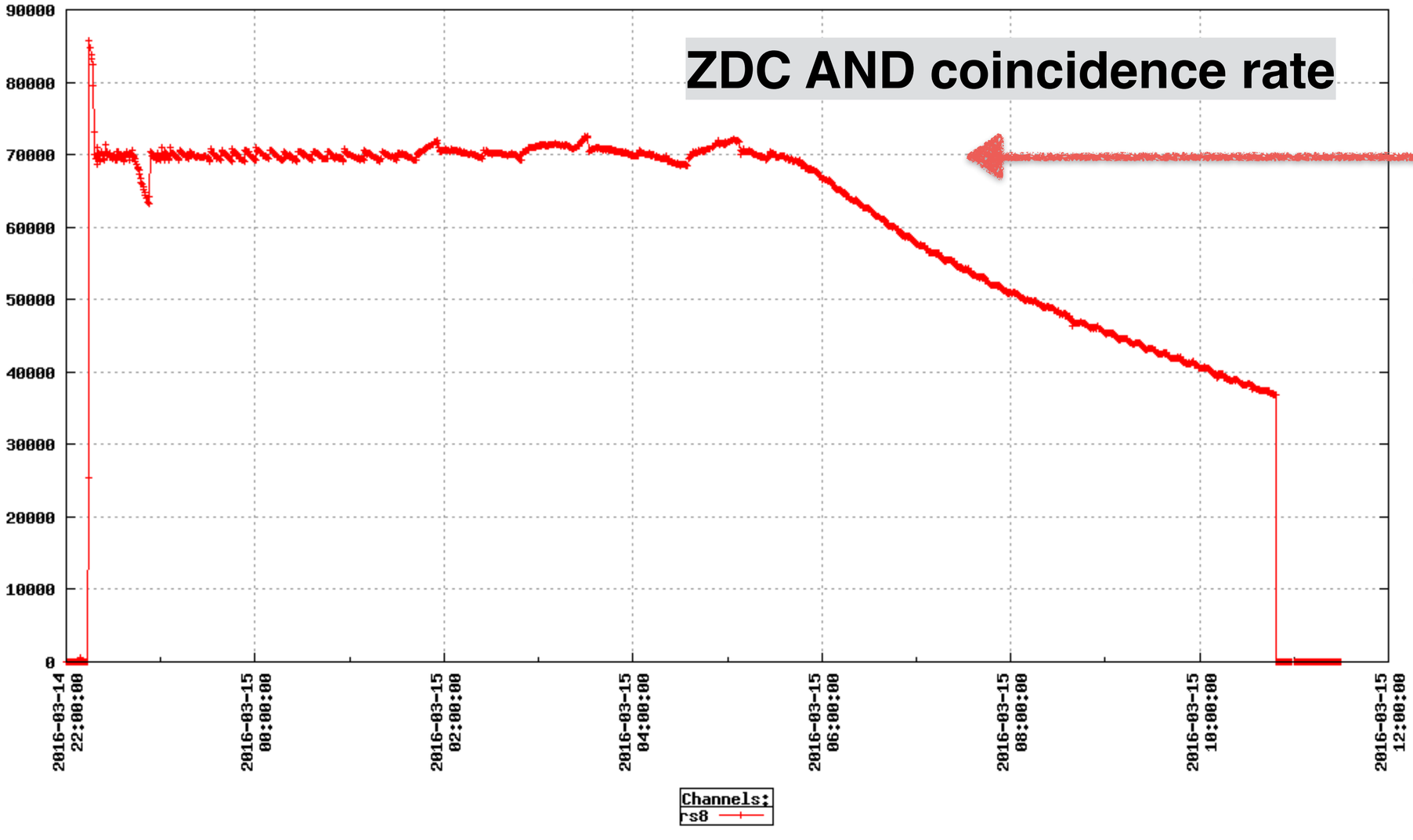
Week 11 (Days 68 - 74)

Jochen Thäder

Lawrence Berkeley National Laboratory

Trigger rates per fill (19691)

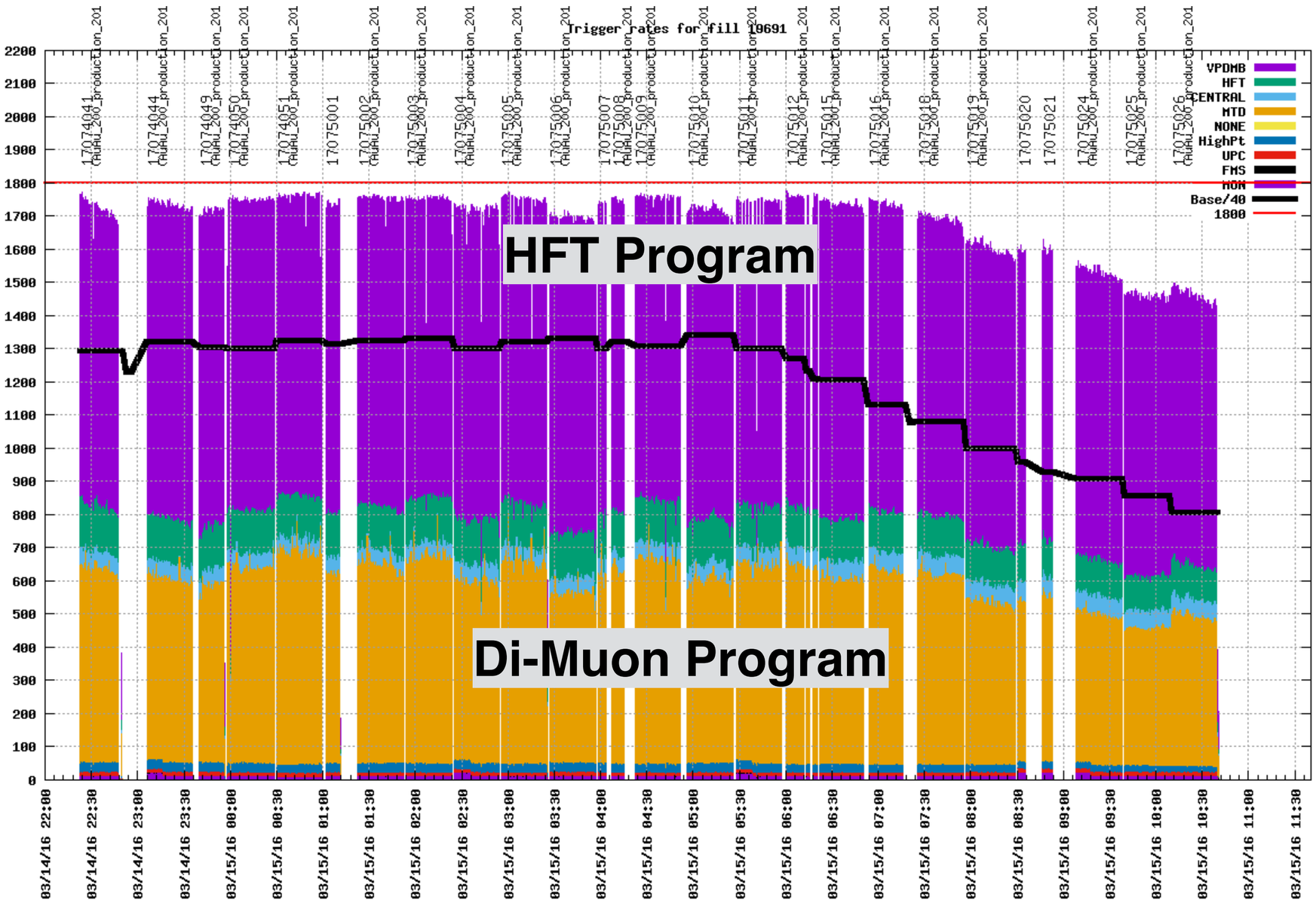
The long fill till this morning



Leveled to 70kHz for almost 7.5h

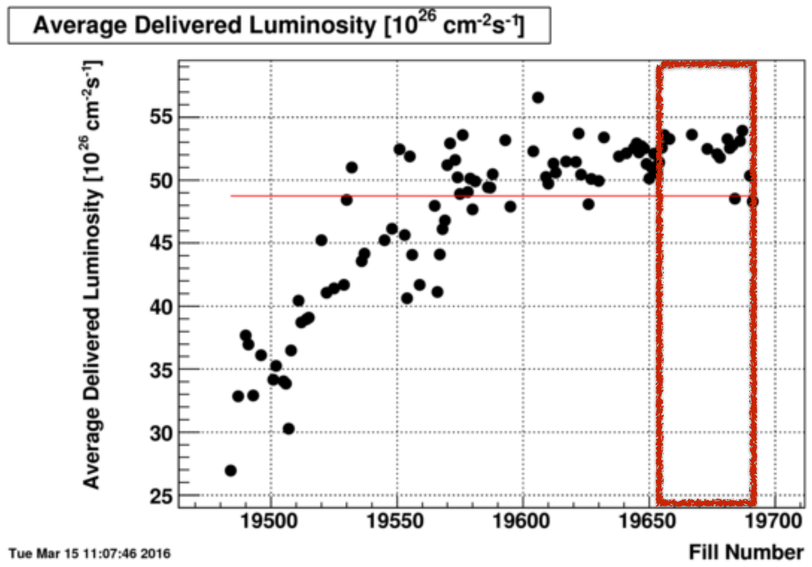
Trigger rates per fill (19691)

The long fill till this morning

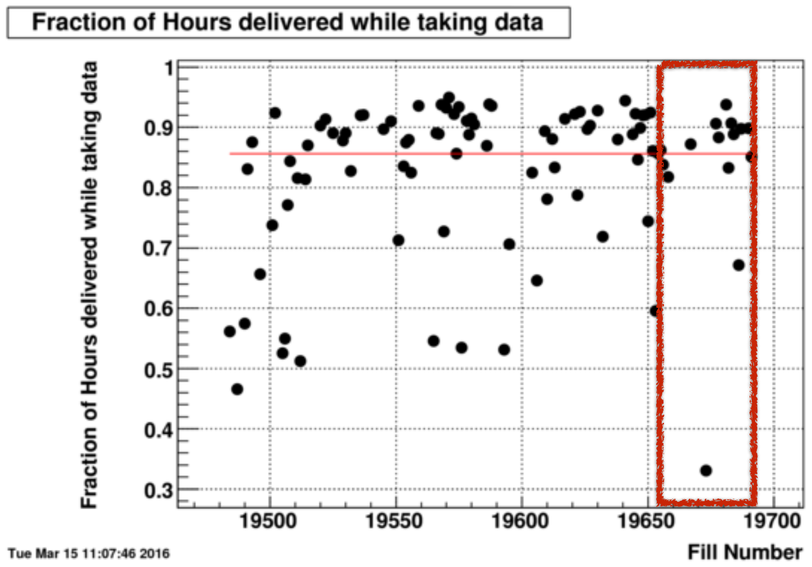


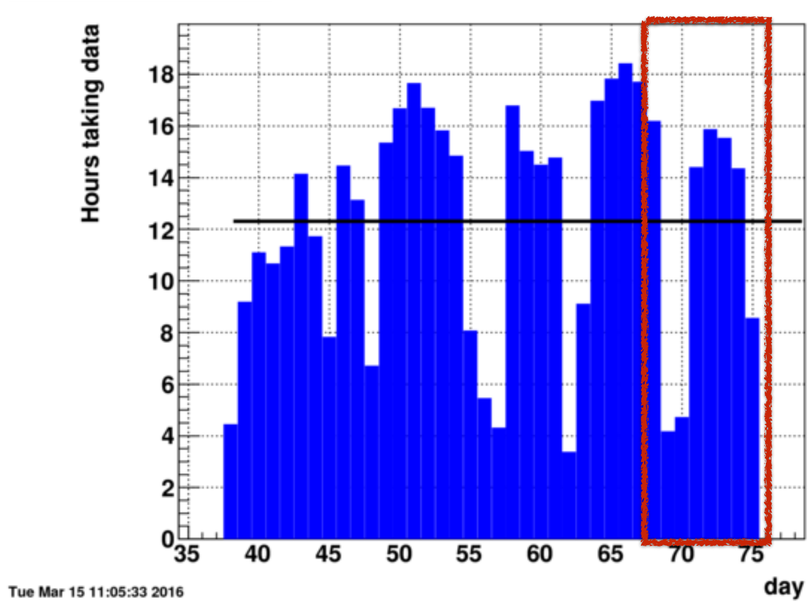
Running close to maximum rate of 1800 Hz

WEEK 11

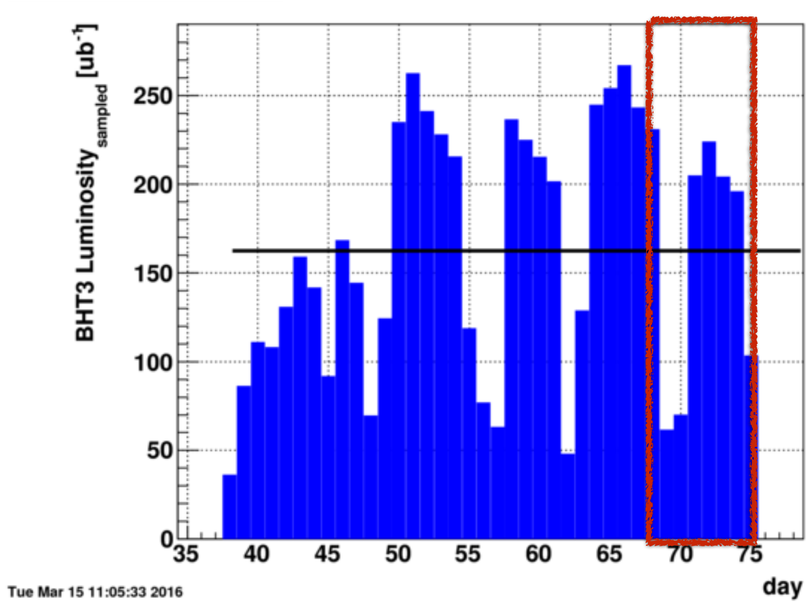


Uptime larger 85% on avg.

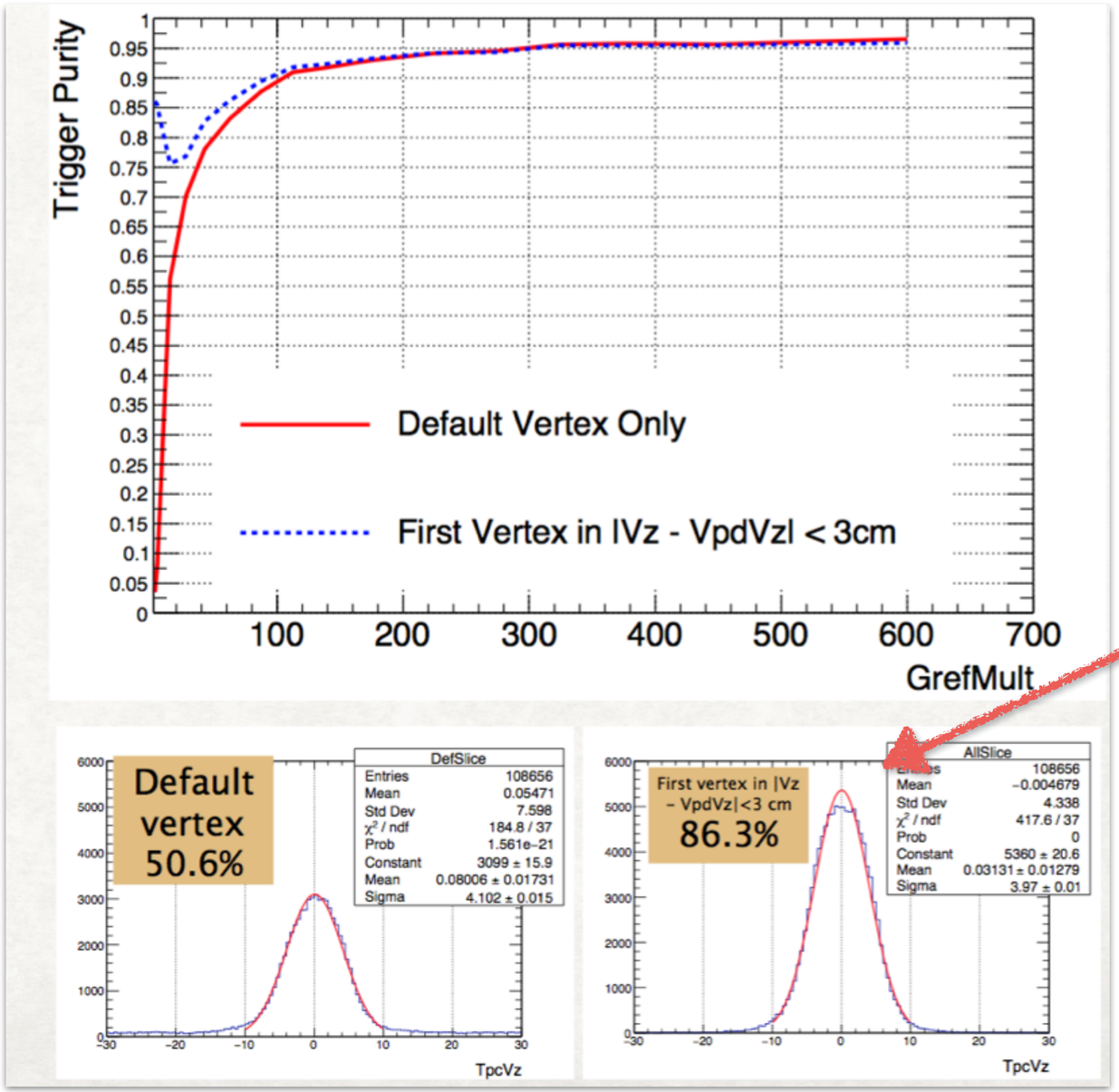




Effective running last week, productive weekend



Purity improvements with new algorithm



Purity Improvement from 72% to 86%

L0 events taken with this trigger which pass an offline cut that the collisions vertex is within +/- 6 cm along the beam direction

David Tlusty

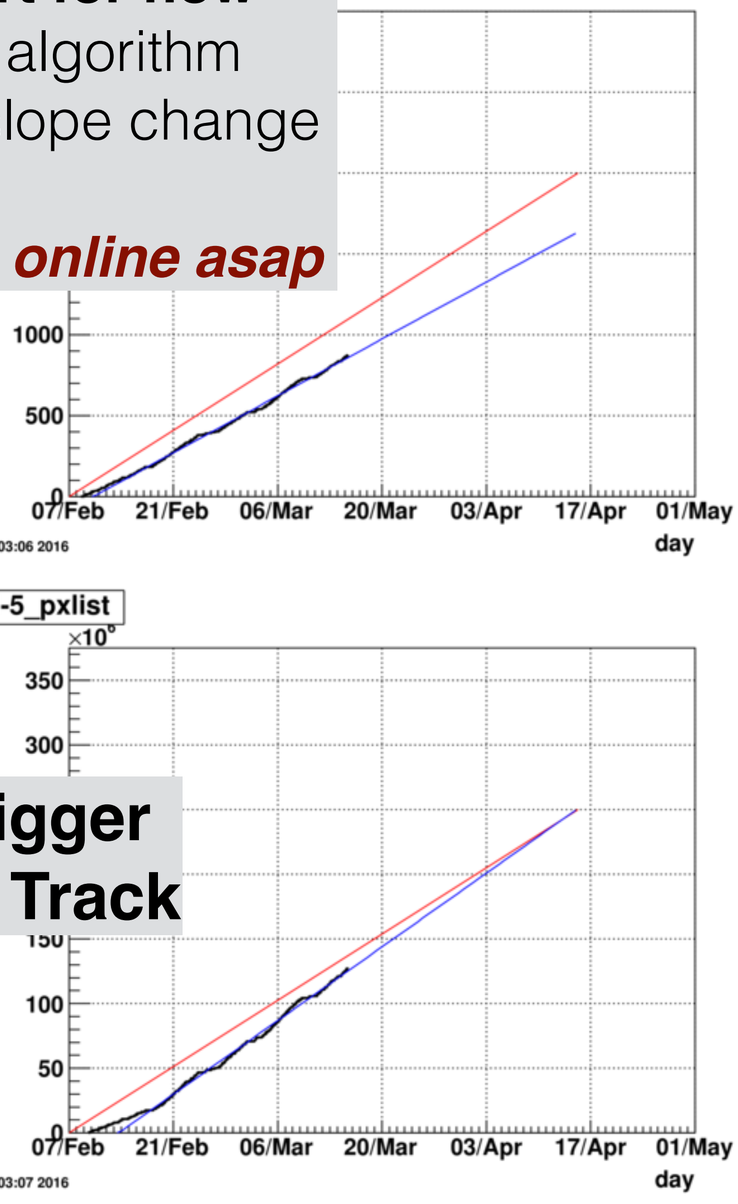
Sampled Luminosity and prediction

HFT Program

one week short for now

Change of trigger algorithm brings expected slope change by factor ~1.2

Working to bring online asap

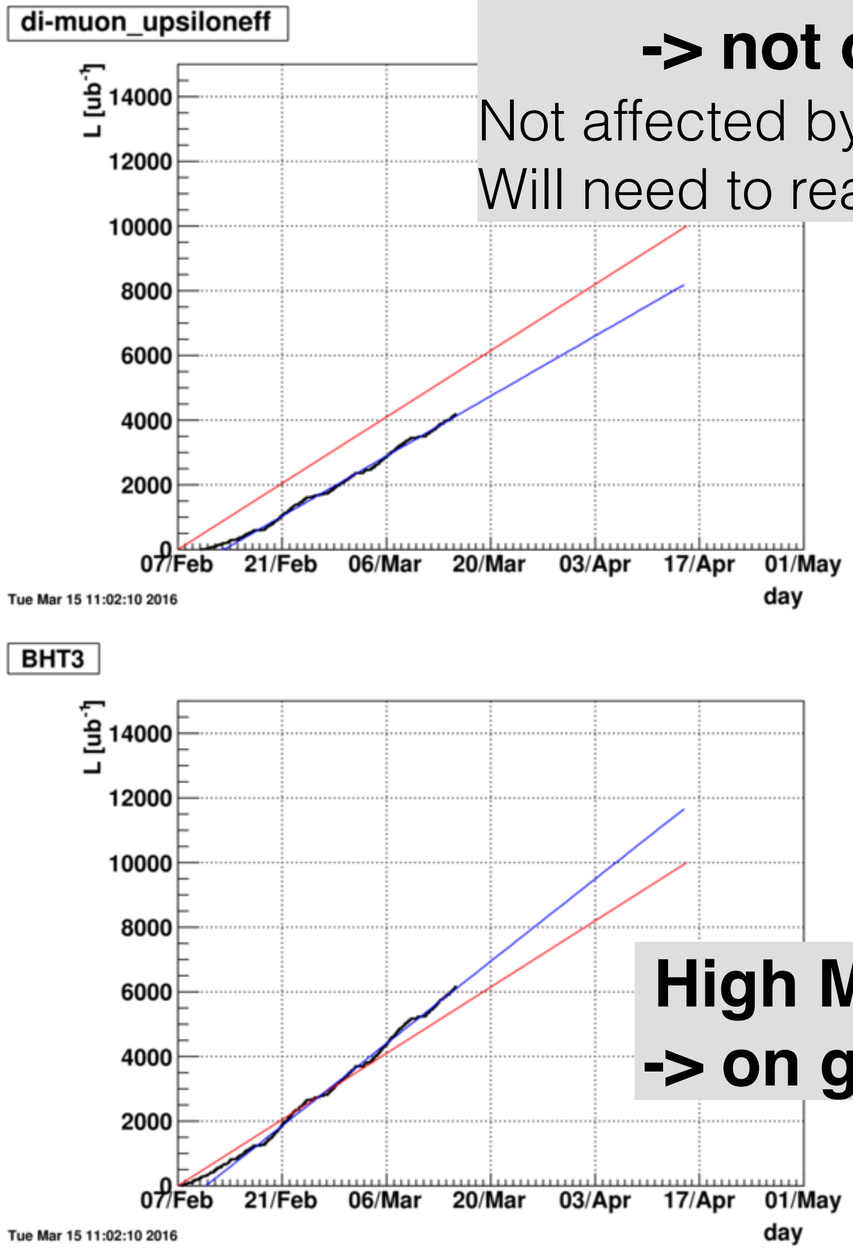


DiMuon Program

-> not on track

Not affected by trigger change

Will need to readjust stores



Central Trigger

-> on good Track

High Multiplicity

-> on good Track