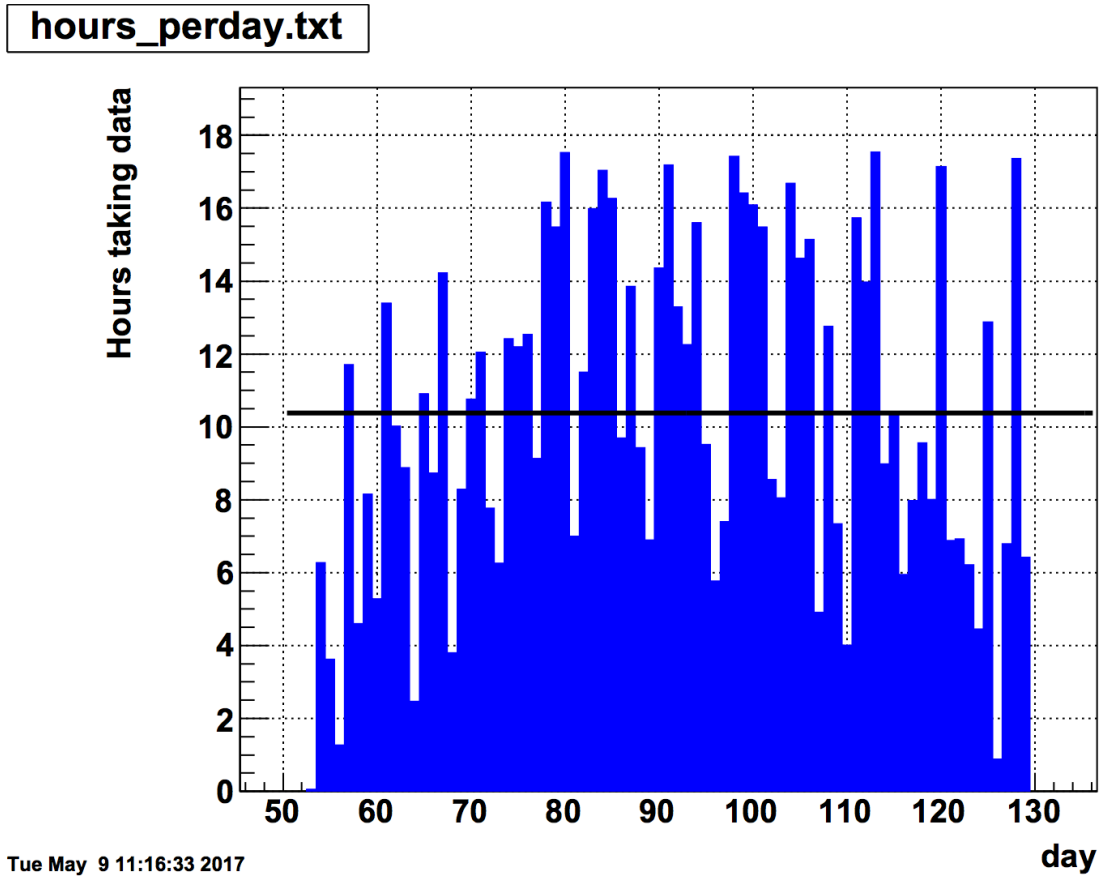
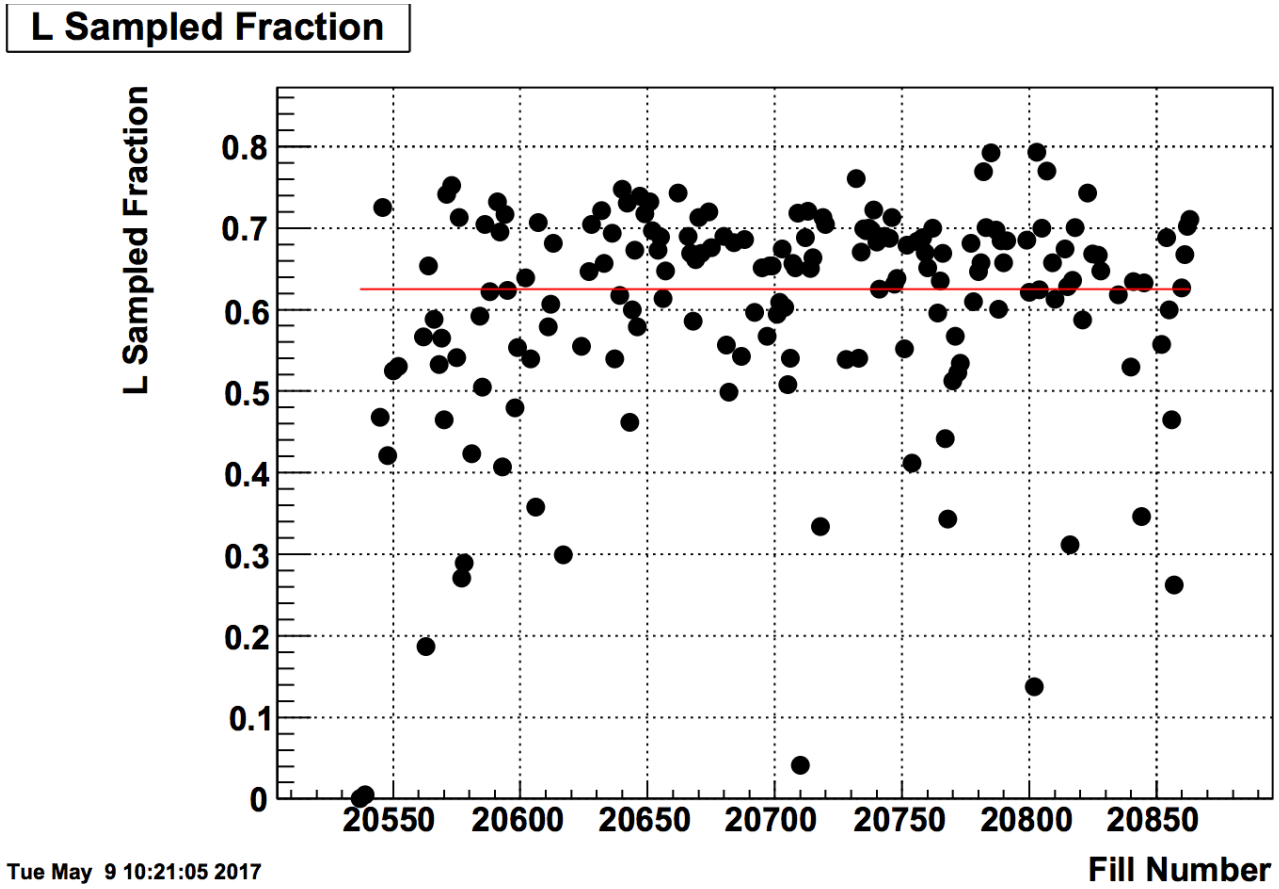
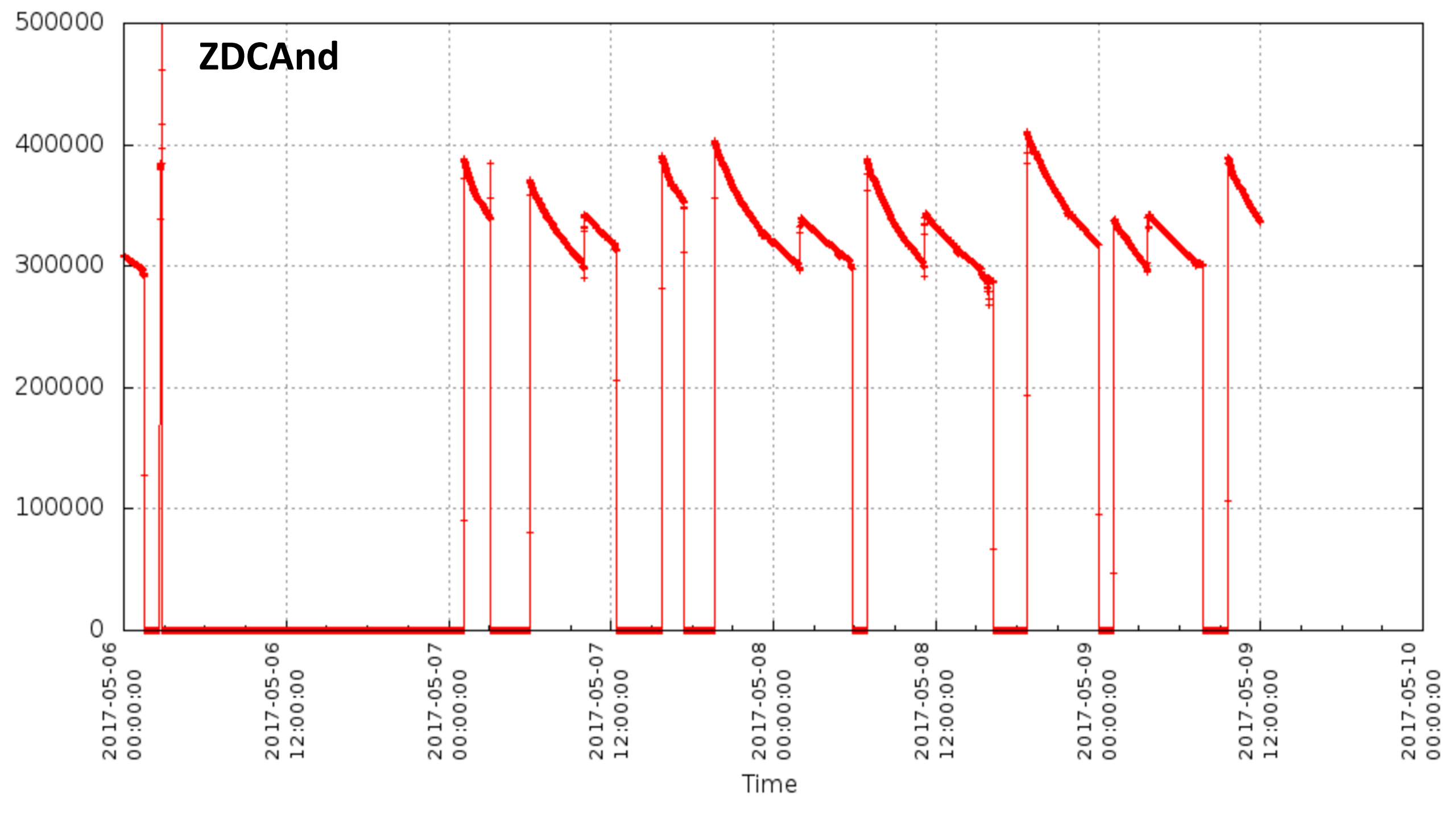
STAR Status Report

Xiaofeng Luo 05/09/2017



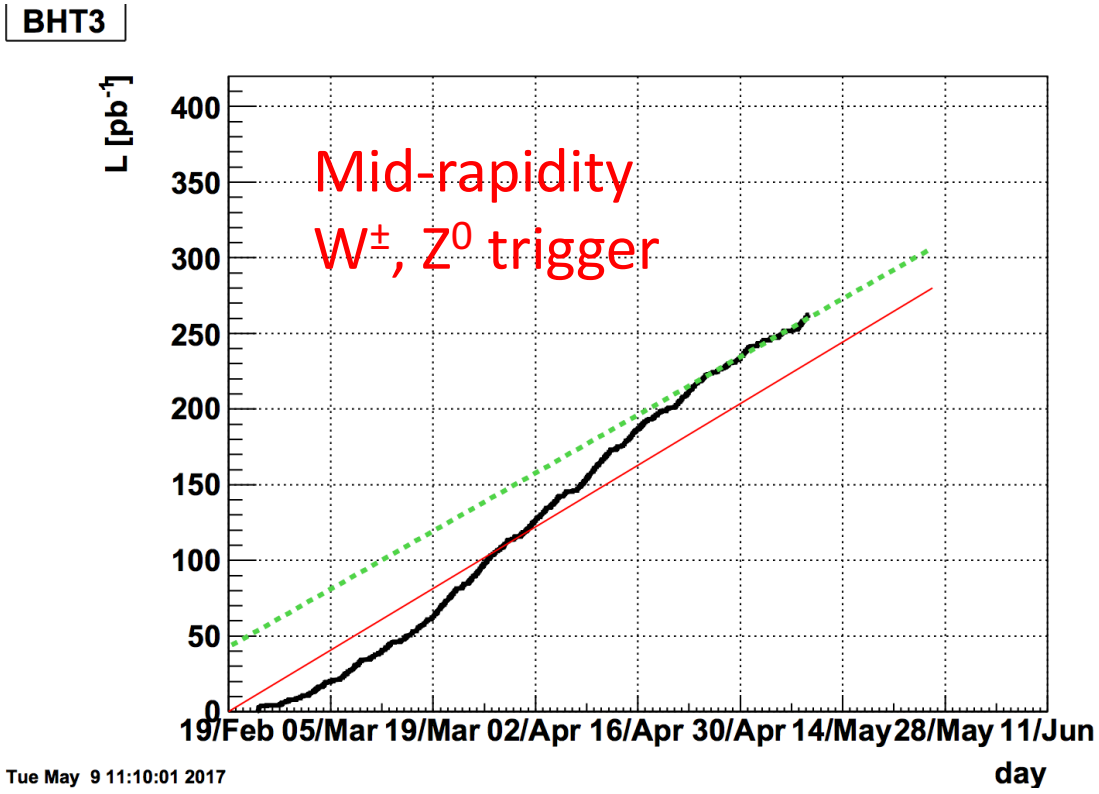


No beam in the past Saturday.

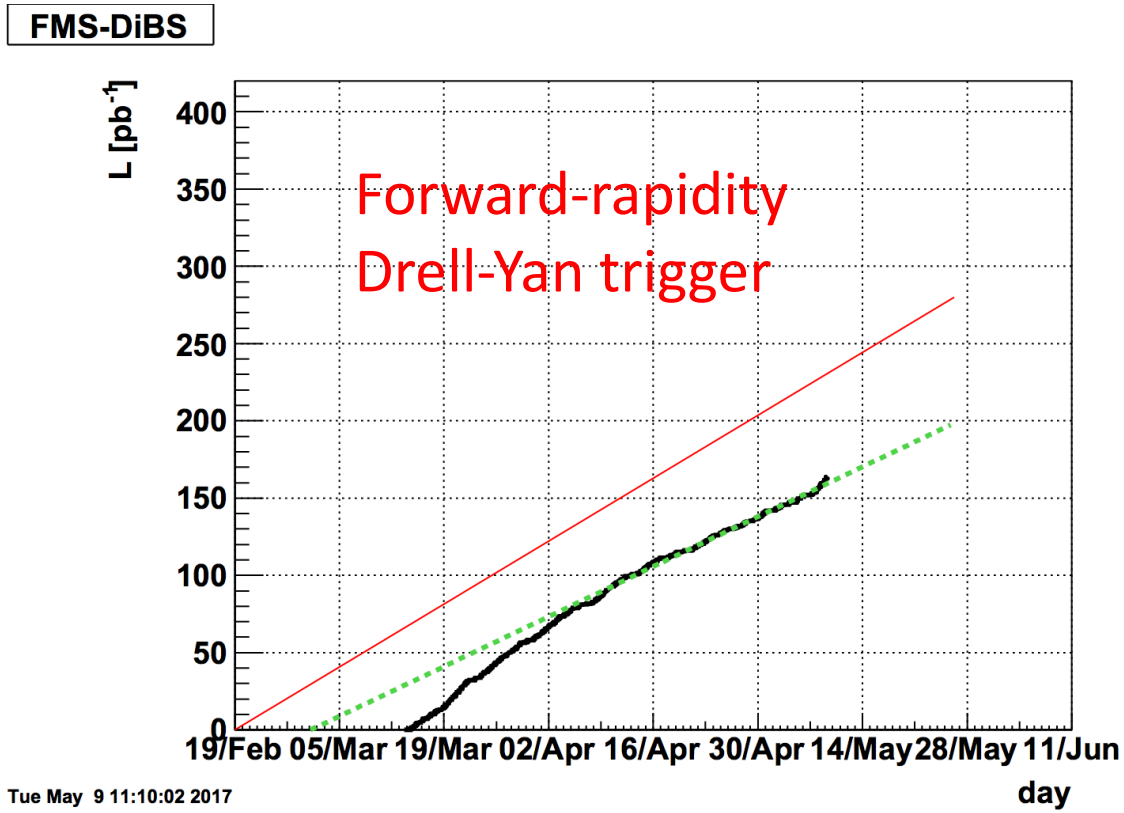

ZDCAnd
500000
400000
300000
200000
100000
0
2017-05-06 00:00:00
2017-05-06 12:00:00
2017-05-07 00:00:00
2017-05-07 12:00:00
2017-05-08 00:00:00
2017-05-08 12:00:00
2017-05-09 00:00:00
2017-05-09 12:00:00
2017-05-10 00:00:00
Time

Current projection on data set goals

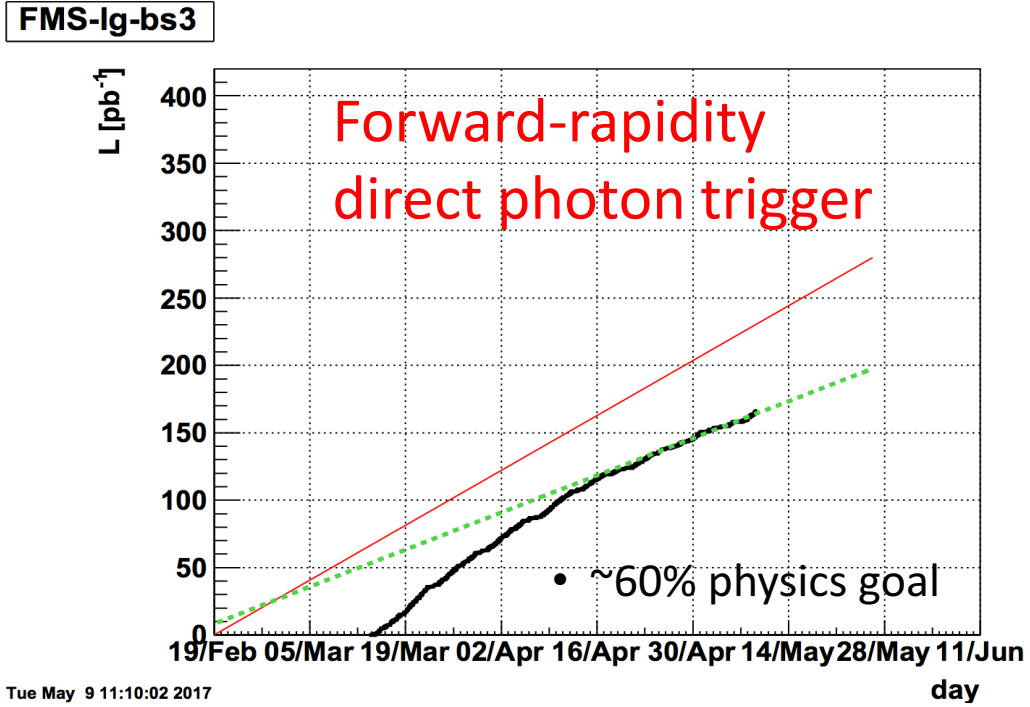
- Weak Bosons & Drell-Yan measurements in the BUR assumed: *RHIC delivered Luminosity of 400pb^{-1}* * STAR Luminosity sampling efficiency = ***280 pb^{-1} sampled luminosity***

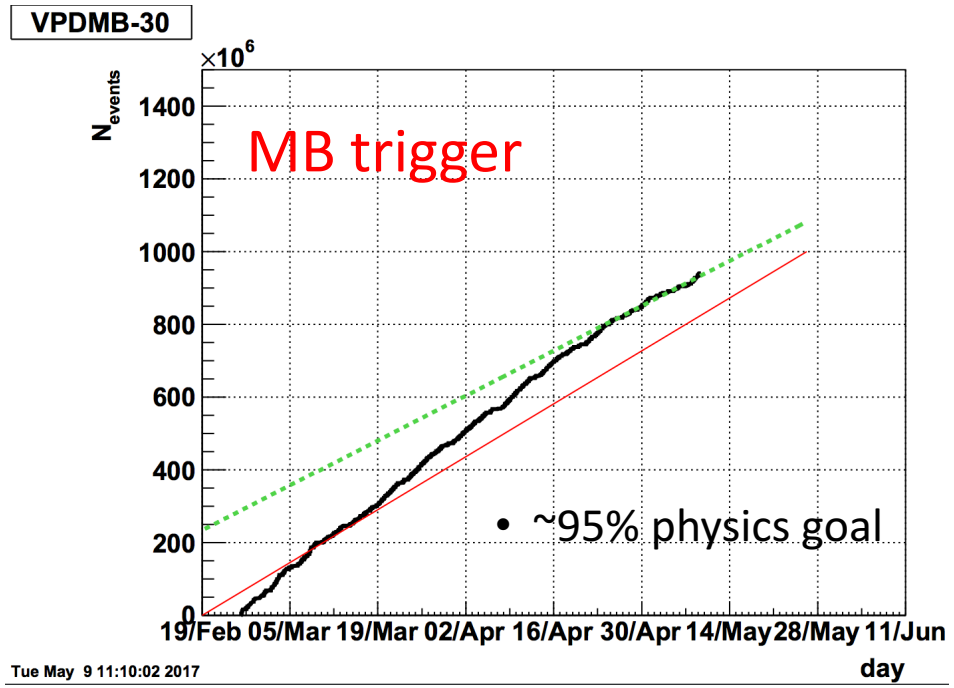


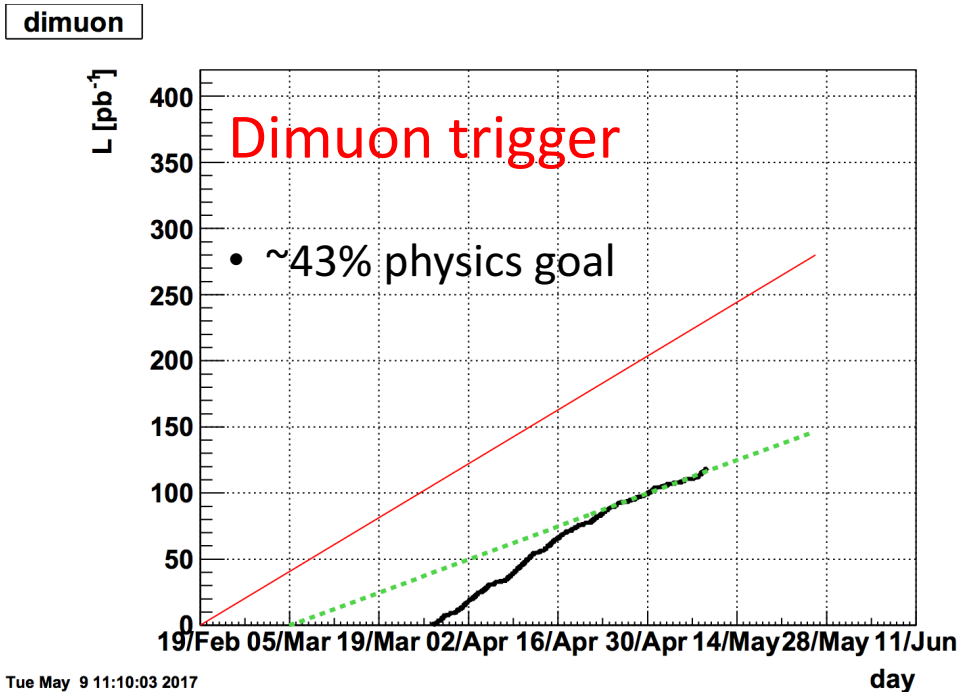
- Achieved ~95% physics goal

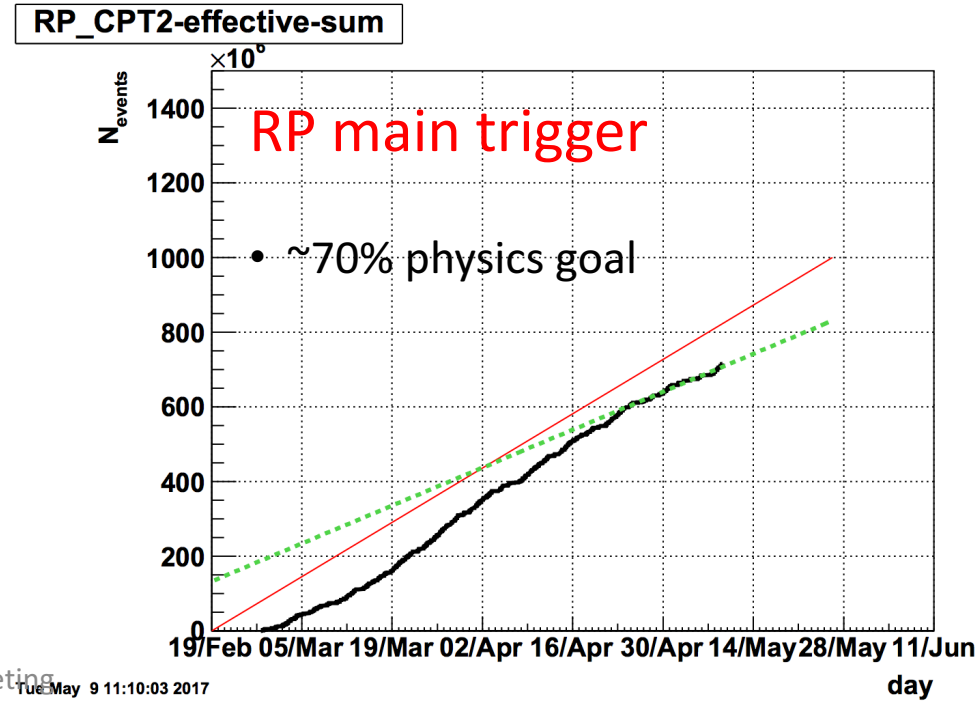


- ~60% physics goal


FMS-lg-bs3
L [pb^{-1}]
Forward-rapidity
direct photon trigger
• ~60% physics goal
19/Feb 05/Mar 19/Mar 02/Apr 16/Apr 30/Apr 14/May 28/May 11/Jun
day
Tue May 9 11:10:02 2017

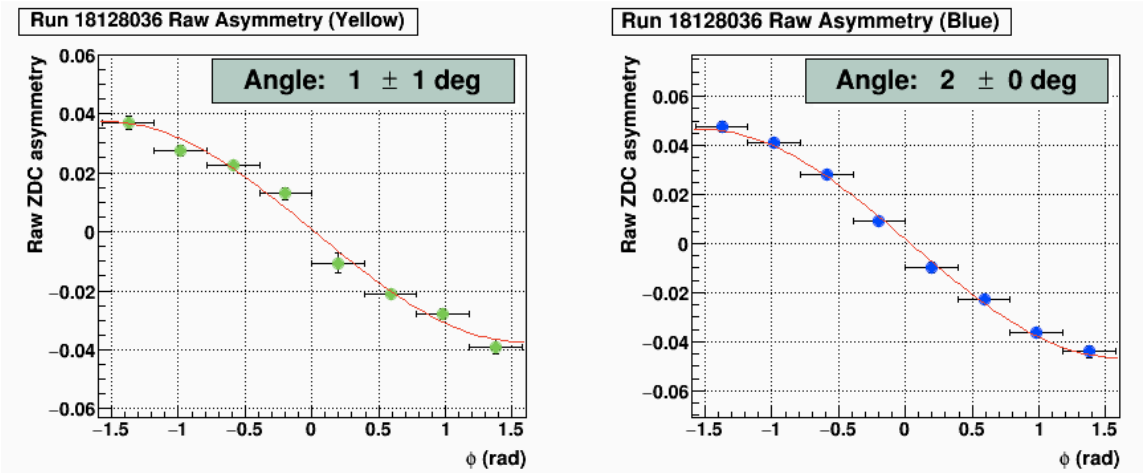

VPDMB-30
$\times 10^6$
N_{events}
MB trigger
• ~95% physics goal
19/Feb 05/Mar 19/Mar 02/Apr 16/Apr 30/Apr 14/May 28/May 11/Jun
day
Tue May 9 11:10:02 2017


dimuon
L [pb^{-1}]
Dimuon trigger
• ~43% physics goal
19/Feb 05/Mar 19/Mar 02/Apr 16/Apr 30/Apr 14/May 28/May 11/Jun
day
Tue May 9 11:10:03 2017

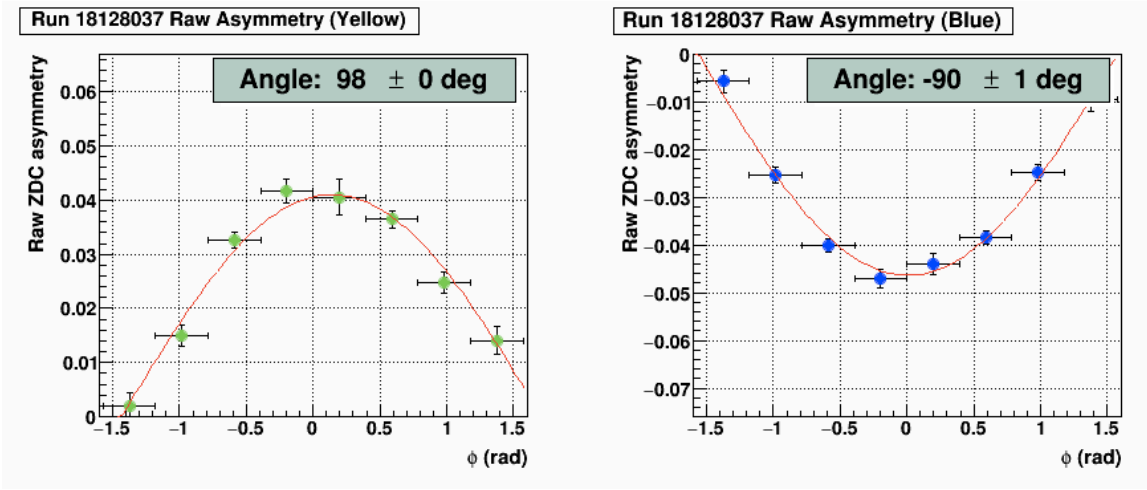

RP_CPT2-effective-sum
$\times 10^6$
N_{events}
RP main trigger
• ~70% physics goal
19/Feb 05/Mar 19/Mar 02/Apr 16/Apr 30/Apr 14/May 28/May 11/Jun
day
Tue May 9 11:10:03 2017

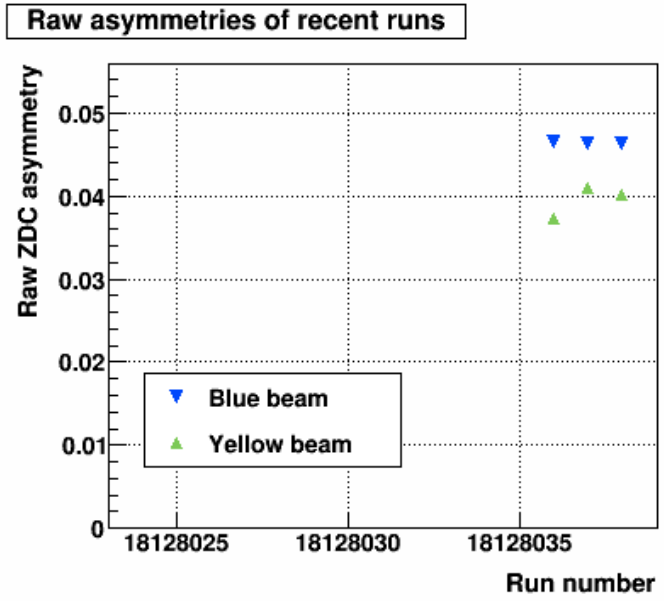
Radial Polarization Test

Before spin rotator set the radial Pol.



After spin rotator set the radial Pol.





- It is very good starting point. A few more iterations as appropriate !

Thank you for the efforts to deliver the good beam !