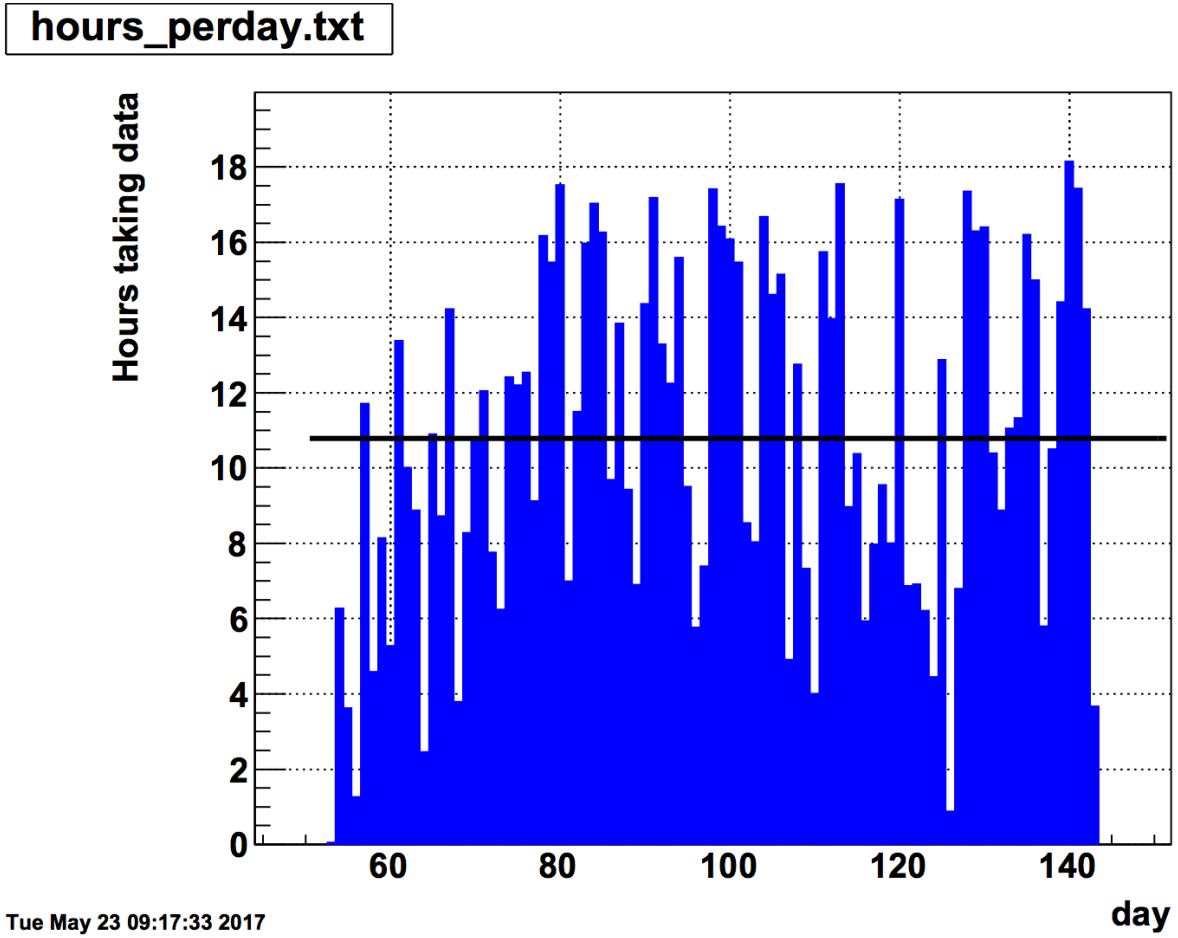
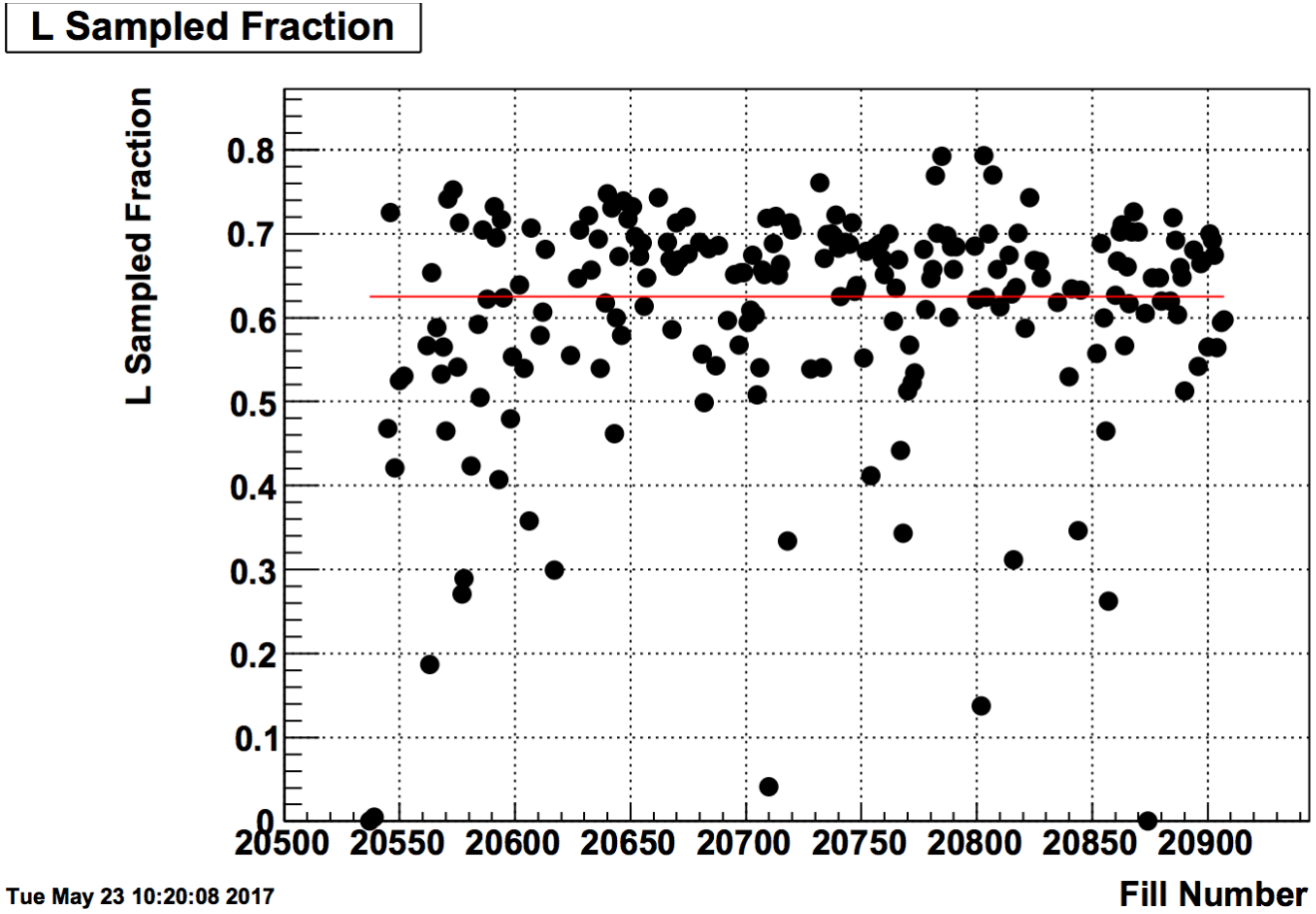
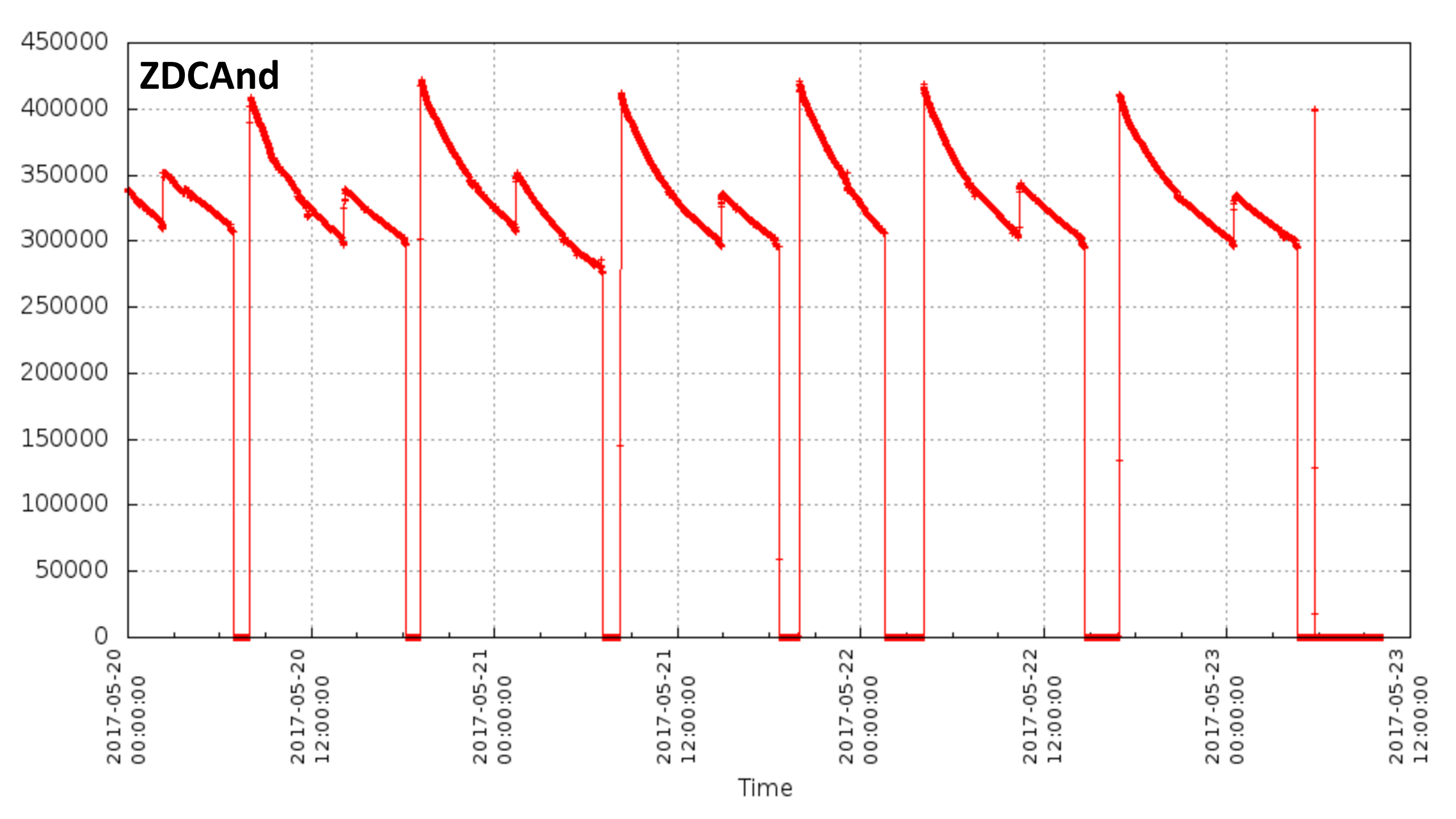
STAR Status Report

Xiaofeng Luo 05/23/2017

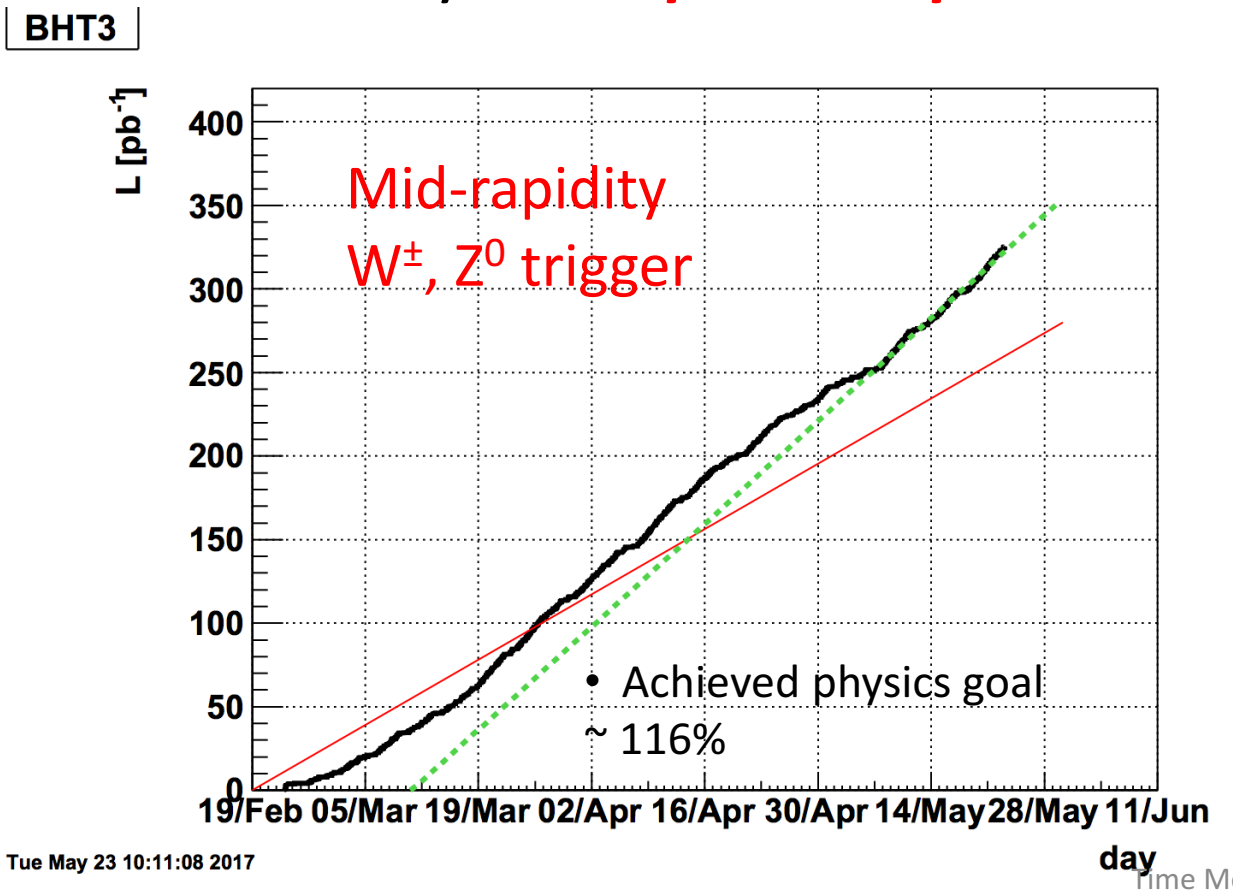


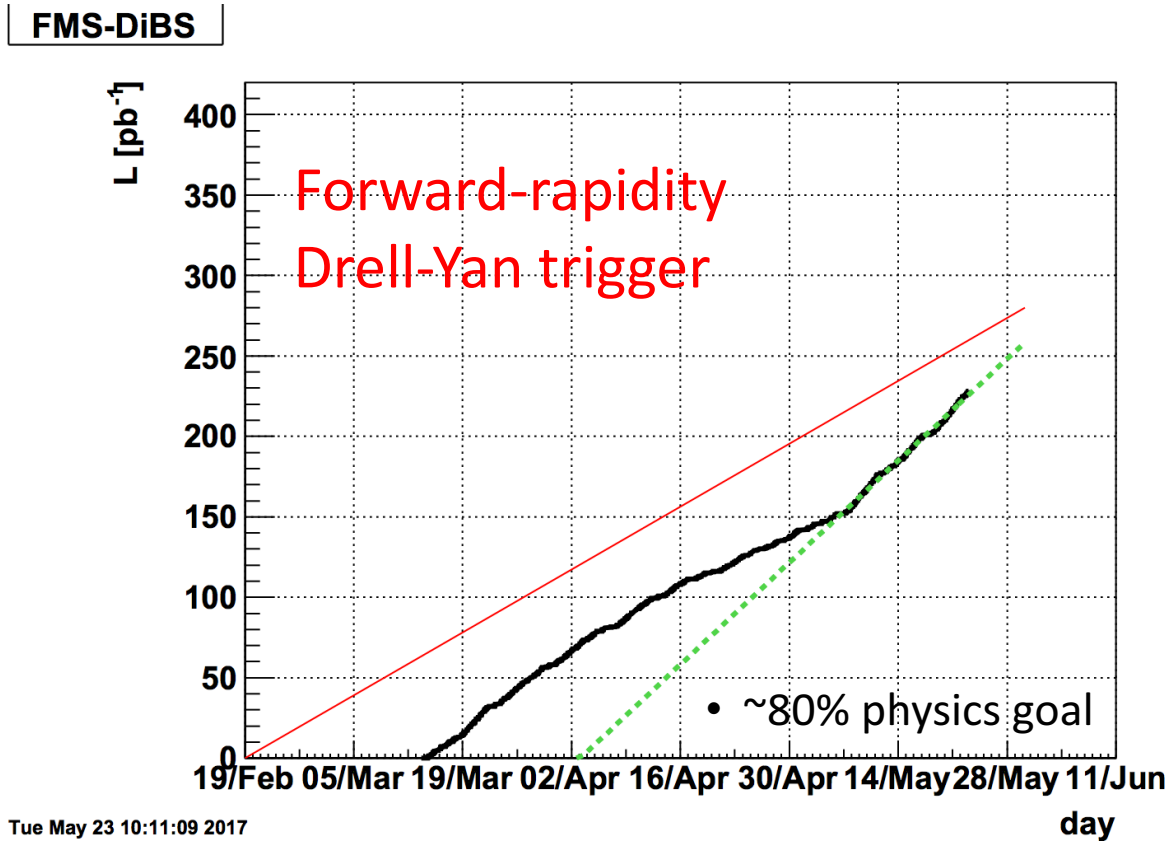


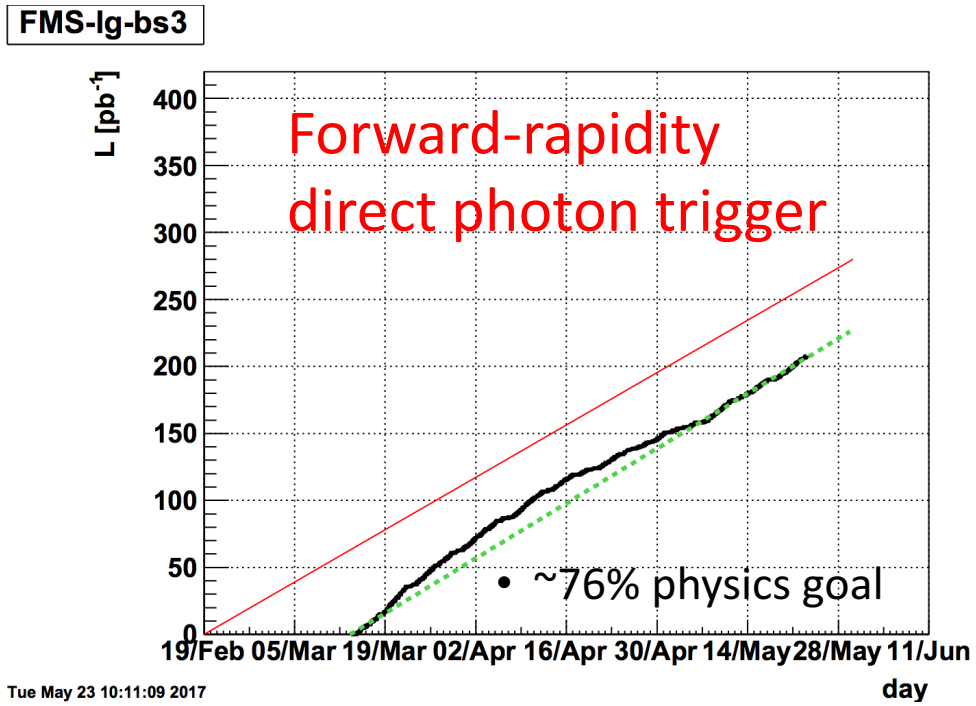

ZDCAnd
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
2017-05-20 00:00:00
2017-05-20 12:00:00
2017-05-21 00:00:00
2017-05-21 12:00:00
2017-05-22 00:00:00
2017-05-22 12:00:00
2017-05-23 00:00:00
2017-05-23 12:00:00
Time

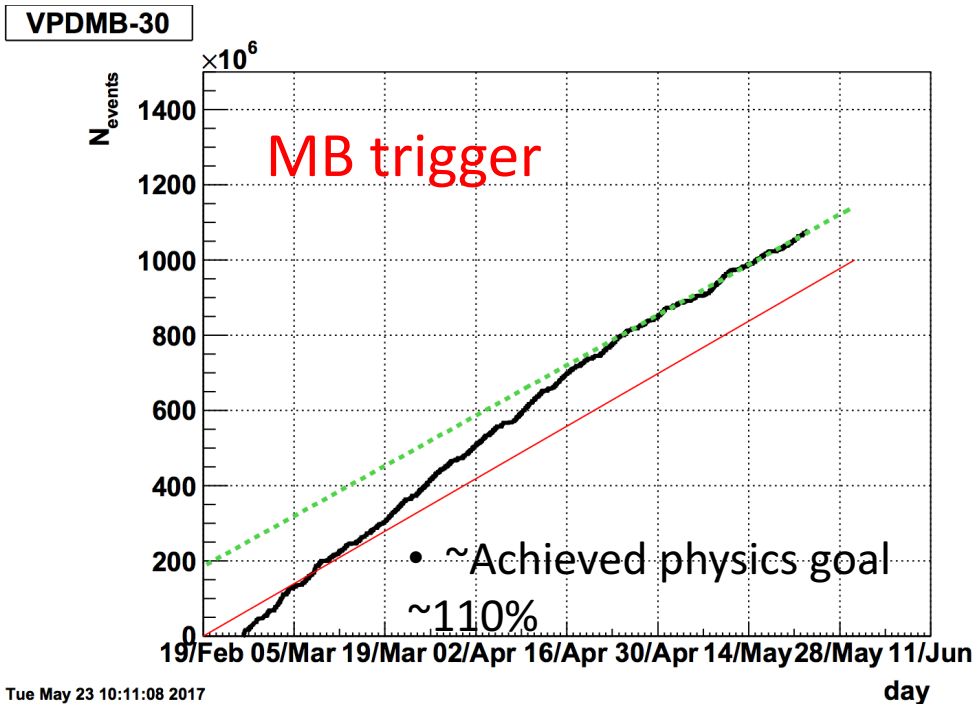
Current projection on data set goals

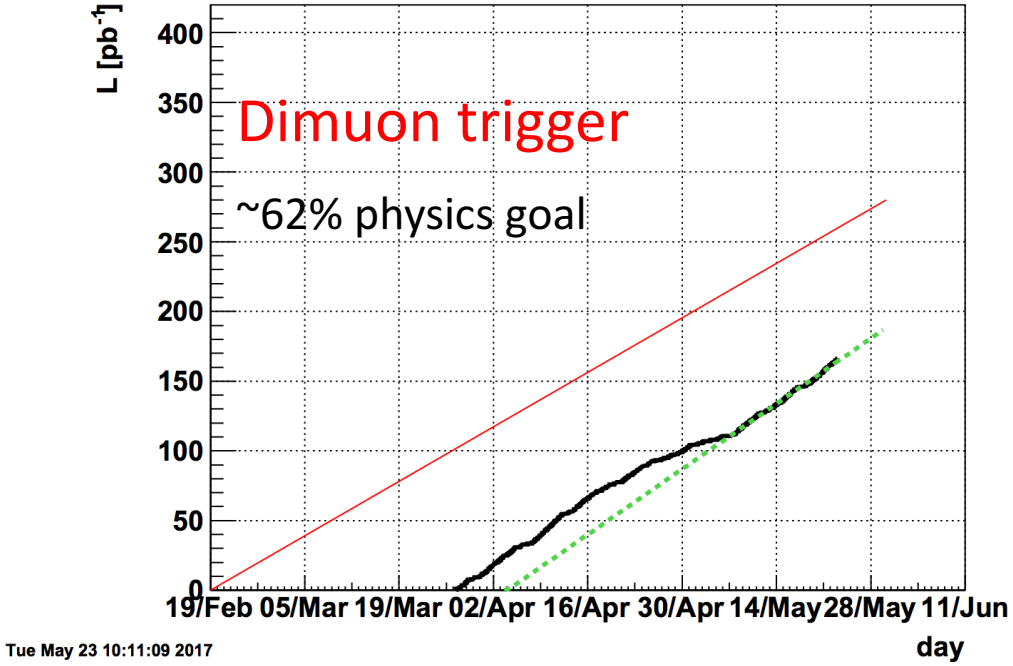
- Weak Bosons & Drell-Yan measurements in the BUR assumed: *RHIC delivered Luminosity of 400pb^{-1}* * STAR Luminosity sampling efficiency = ***280 pb^{-1} sampled luminosity***

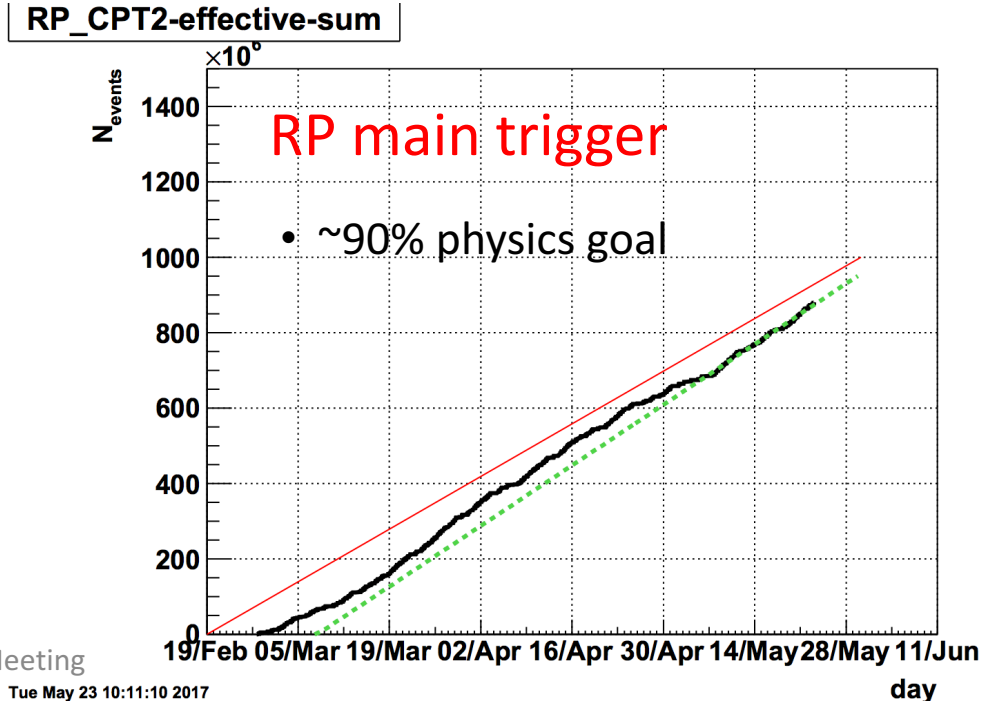





FMS-lg-bs3
L [pb^{-1}]
Forward-rapidity
direct photon trigger
• ~76% physics goal
19/Feb 05/Mar 19/Mar 02/Apr 16/Apr 30/Apr 14/May 28/May 11/Jun
day
Tue May 23 10:11:09 2017


VPDMB-30
$\times 10^6$
N_{events}
MB trigger
• ~Achieved physics goal
~110%
19/Feb 05/Mar 19/Mar 02/Apr 16/Apr 30/Apr 14/May 28/May 11/Jun
day
Tue May 23 10:11:08 2017


L [pb^{-1}]
Dimuon trigger
~62% physics goal
19/Feb 05/Mar 19/Mar 02/Apr 16/Apr 30/Apr 14/May 28/May 11/Jun
day
Tue May 23 10:11:09 2017


RP_CPT2-effective-sum
$\times 10^6$
N_{events}
RP main trigger
• ~90% physics goal
19/Feb 05/Mar 19/Mar 02/Apr 16/Apr 30/Apr 14/May 28/May 11/Jun
day
Tue May 23 10:11:10 2017

STAR is running well !

Thank you for the efforts to deliver the good beam !