

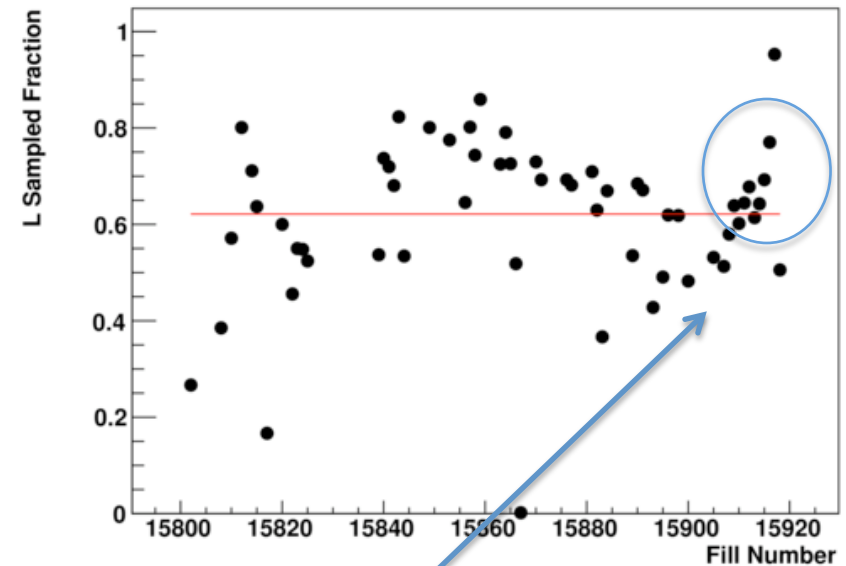
STAR Summary for May 17th-23rd

Renee Fatemi

May 24th 2011

Efficient Running @STAR

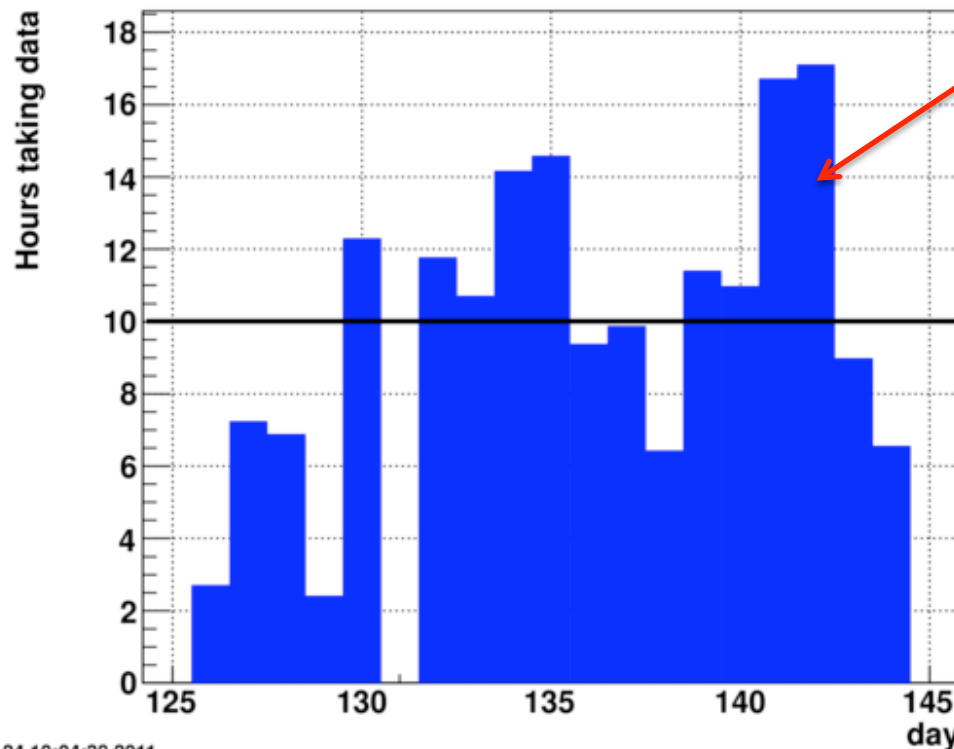
L Sampled Fraction



Weekend

- Maxed out at ~17 hours/day running over weekend.
- Sampled luminosity ~ 62%
- Combined with fast turn around for injection made for extremely productive weekend.

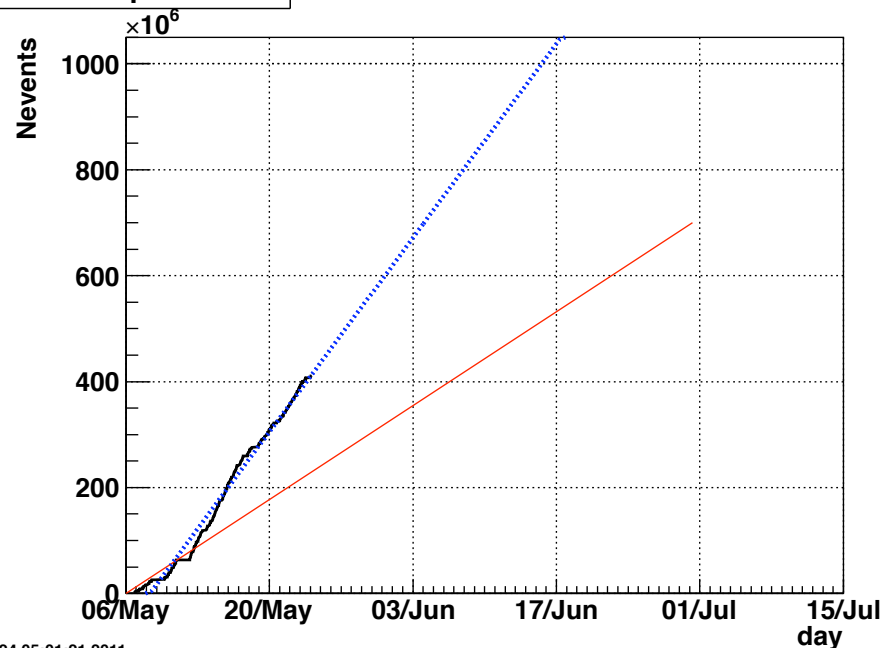
hours_perday.txt



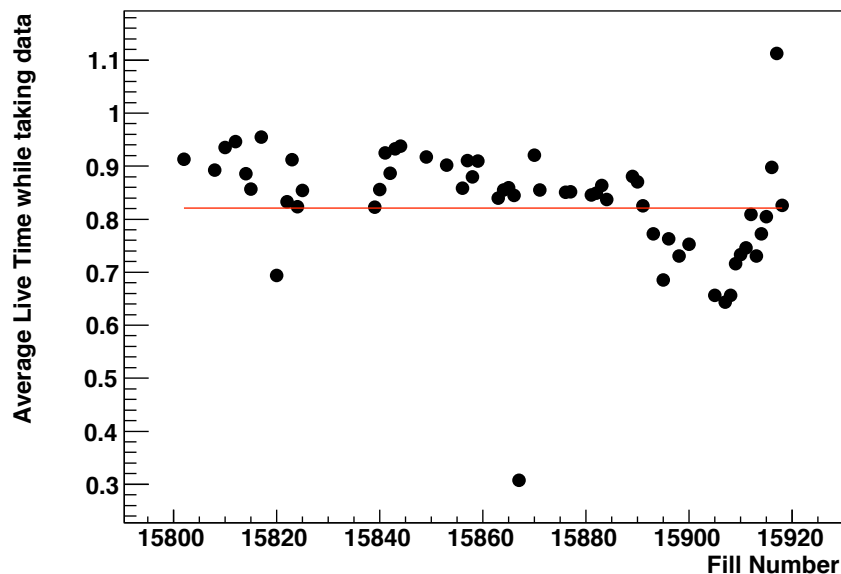
Minbias Goal: 700 million

- 150 M minbias events taken this week
- Over half - 80 M taken during weekend
- At this rate we will reach goal by June 4th

vpd-zdc-mb-protected



Average Live Time while taking data

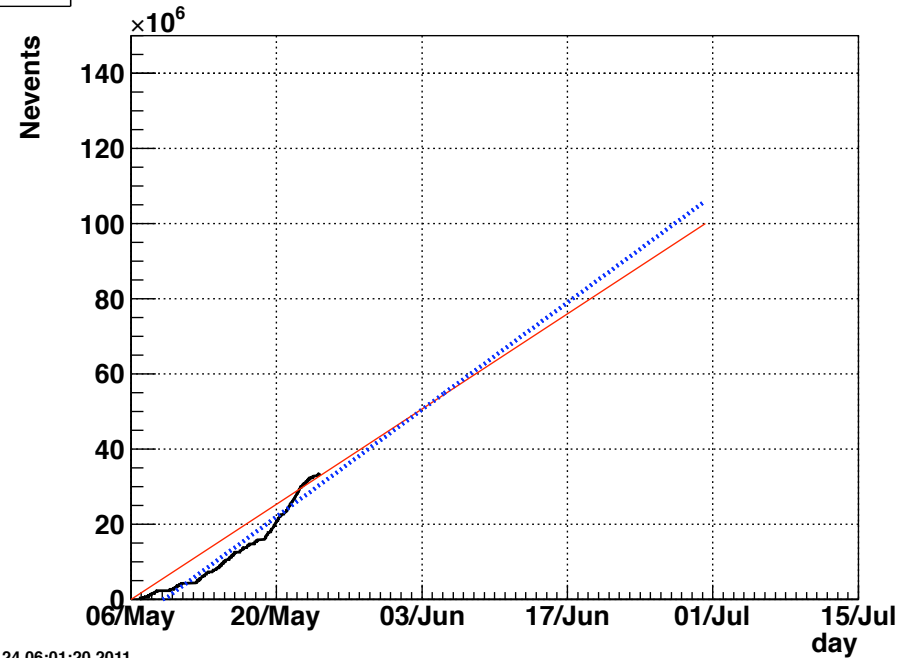


- High rate for minbias increased deadtimes
- Cut by half to get back to 90% and reserve bandwidth for reverse field data as well
- Expect full data set by mid June.

High Tower Triggers

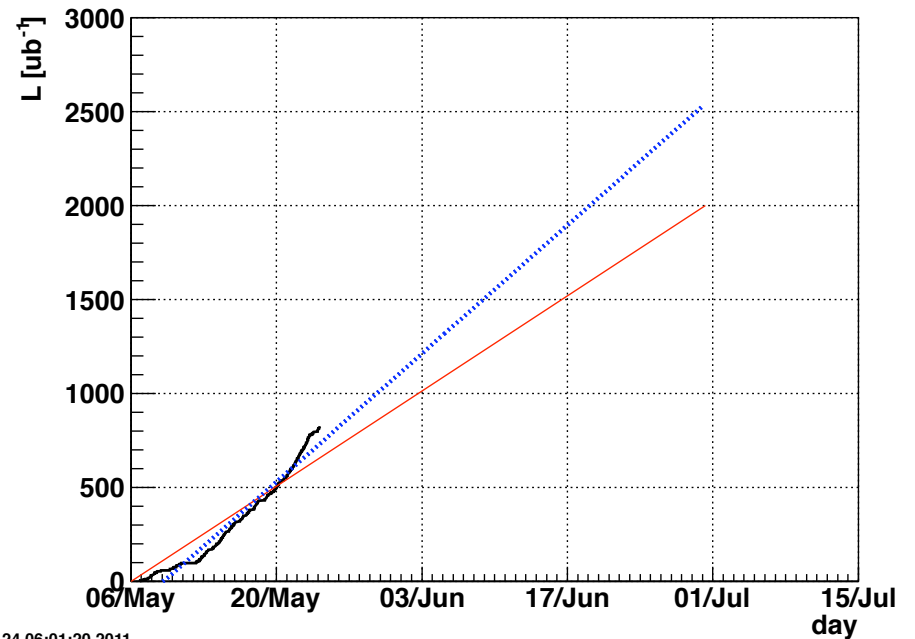
- NPE series of triggers are on track.
- NPE-18 may be set to exceed 2np-1 goal
- Trigger essential to remain competitive with Upsilon measurements at CMS.
- Upcoming week – more of the same!

NPE_11



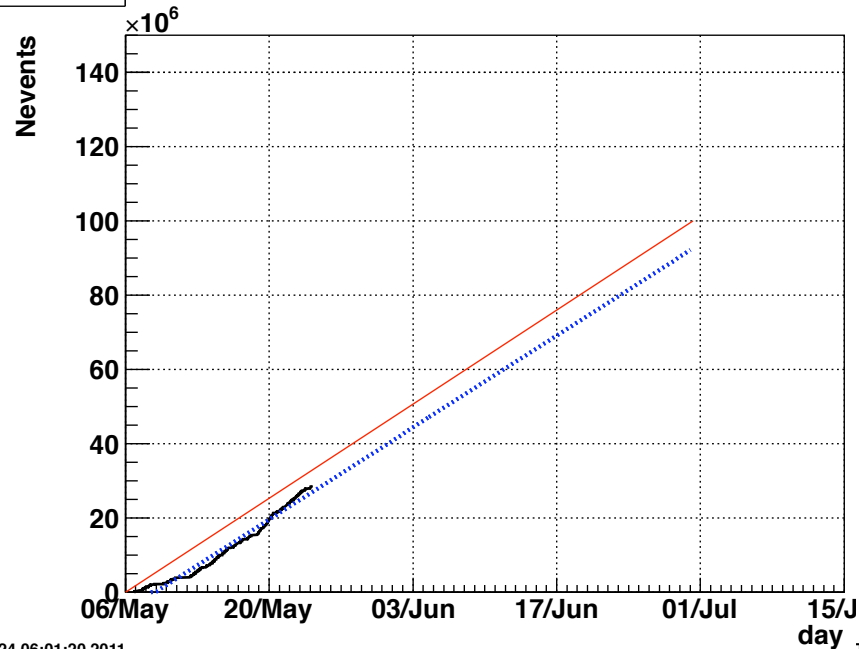
Tue May 24 06:01:20 2011

NPE_18



Tue May 24 06:01:20 2011

NPE_15_all



Tue May 24 06:01:20 2011