

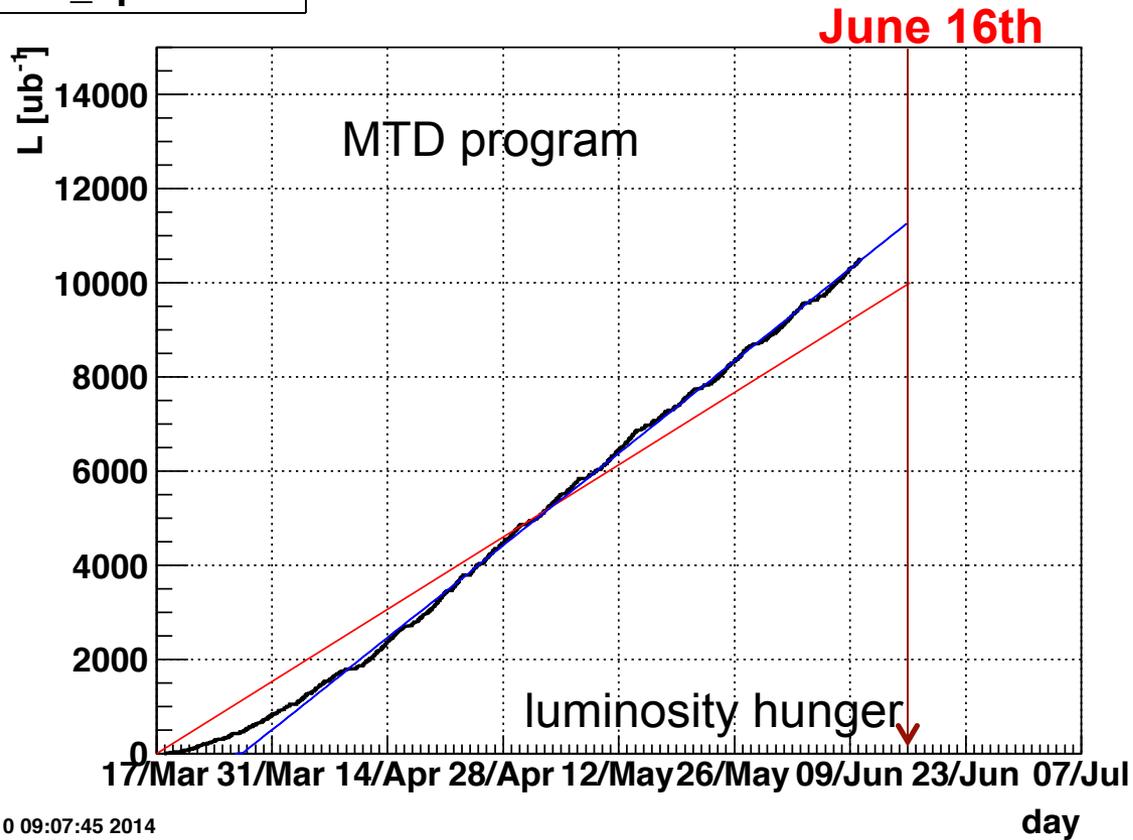
STAR Running Status

Shusu Shi

June 10th, 2014

Luminosity and Events

dimuon_upsiloneff



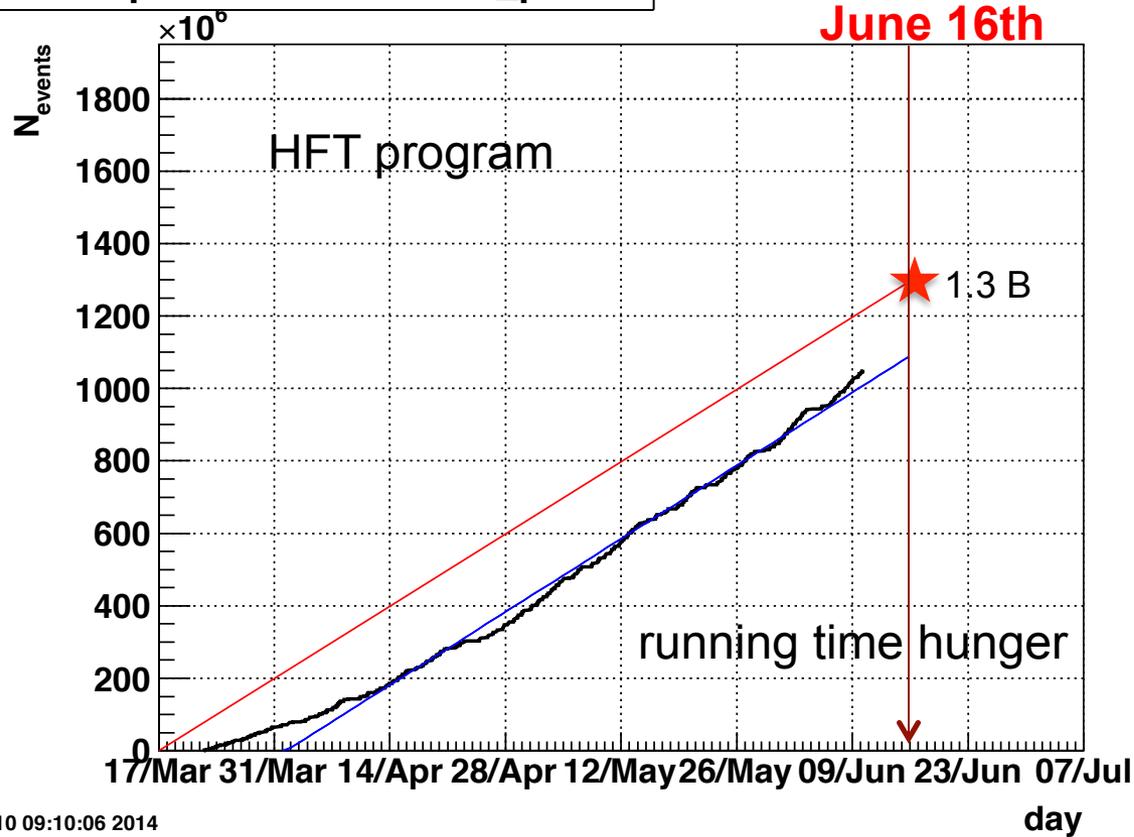
Red: goal
 Black: STAR performance
 Blue: projection based on recent ~6 weeks

Tue Jun 10 09:07:45 2014

Luminosity hunger trigger (MTD program) reached the original goal
 But always better with more statistics (Upsilon)!

Luminosity and Events

VPDMB-5-p-nobsmd-effective_pxlist

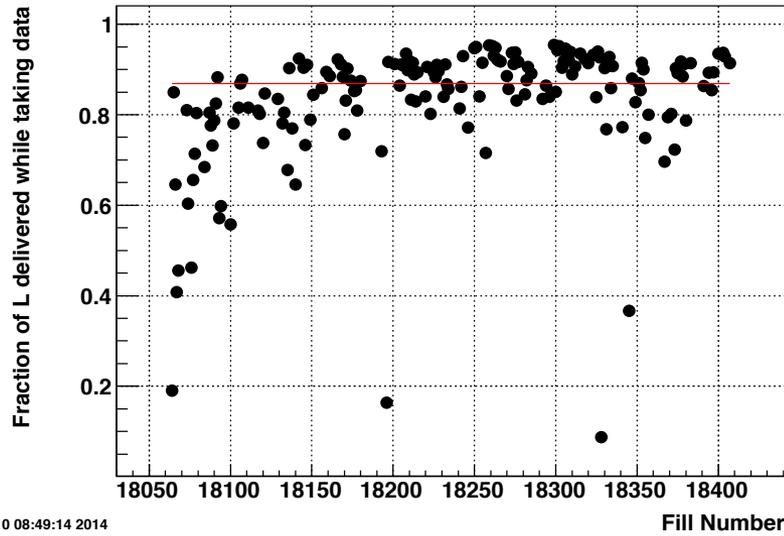


Tue Jun 10 09:10:06 2014

- Due to acceptance loss in PXL detector caused by beam radiation, we need ~30 % more events to have the same quality of physics result.
- We need more time at store for Au+Au@200GeV!

Data Taking Time

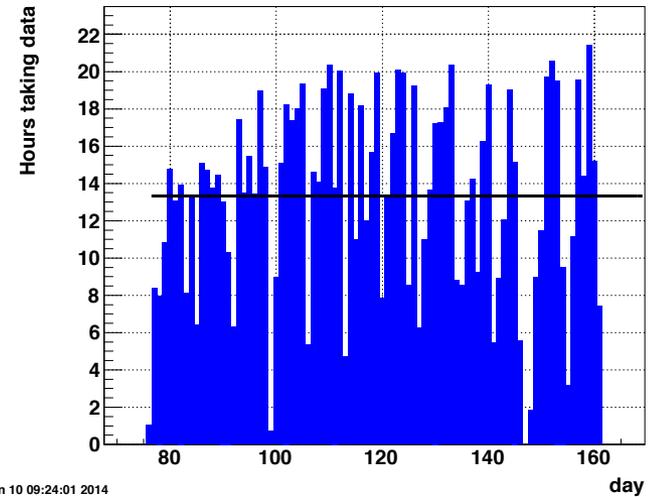
Fraction of L delivered while taking data



Tue Jun 10 08:49:14 2014

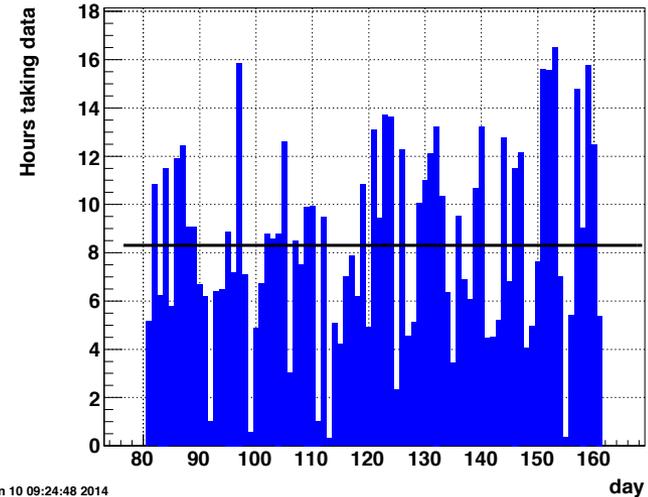
➤ STAR is running very efficiently.

hours_perday.txt



Tue Jun 10 09:24:01 2014

hours_perday_pclist.txt



Tue Jun 10 09:24:48 2014