

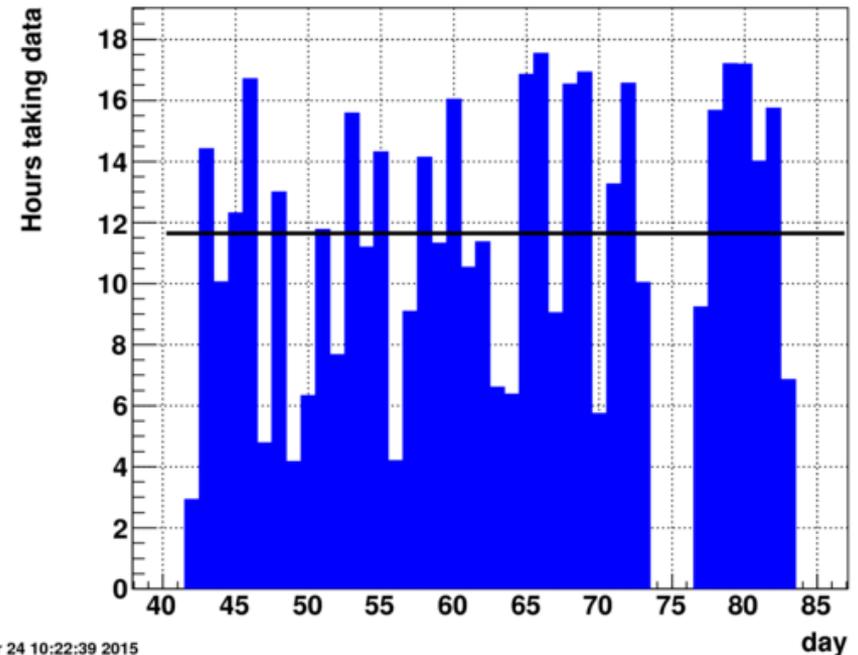
# STAR Status

Oleg Eyser

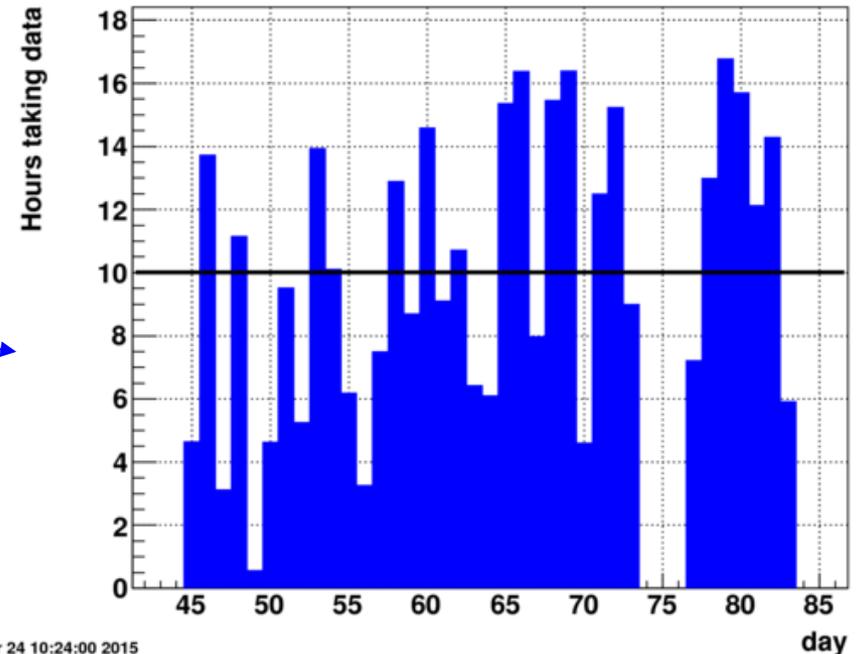
Time Meeting 03/24/2015

- Recovered well from *the incident*
- Filter box for the RHIC clock was found to be damaged
  - Tuesday evening → Fixed before next fill
- Regular data taking since then
  - Typical live time > 80%
  - 14+ hours per day (weekend)

with HFT detectors →



Tue Mar 24 10:22:39 2015

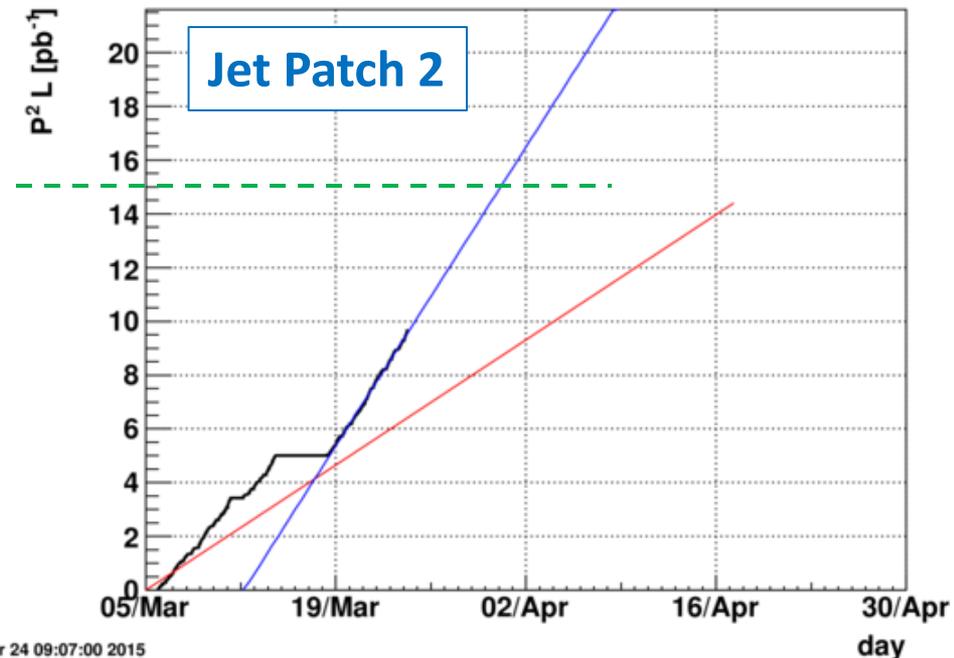


Tue Mar 24 10:24:00 2015

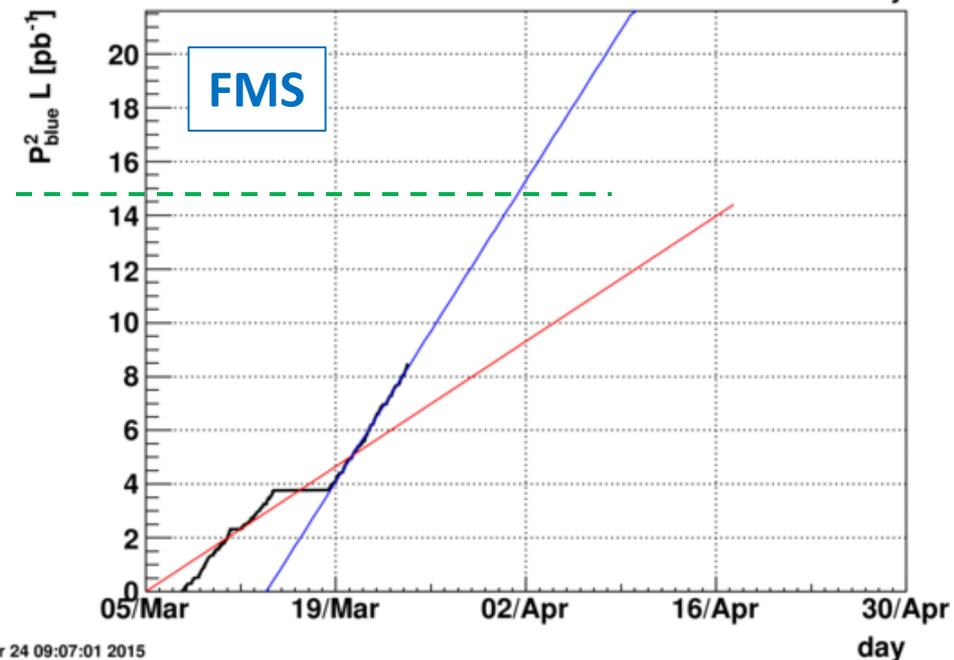
# Polarized p+p

- Transverse polarization
- Goal:  $FOM \approx P^2 \cdot L$ 
  - $P = 60\%$
  - $L = 40 \text{ pb}^{-1}$
- Jet Patch 1 is a little behind JP2
- Close to 50 other triggers
  
- Plan to go back to longitudinal polarization in early April
  - Double spin asymmetries
  - $FOM = P^4 \cdot L$

JP2-trans



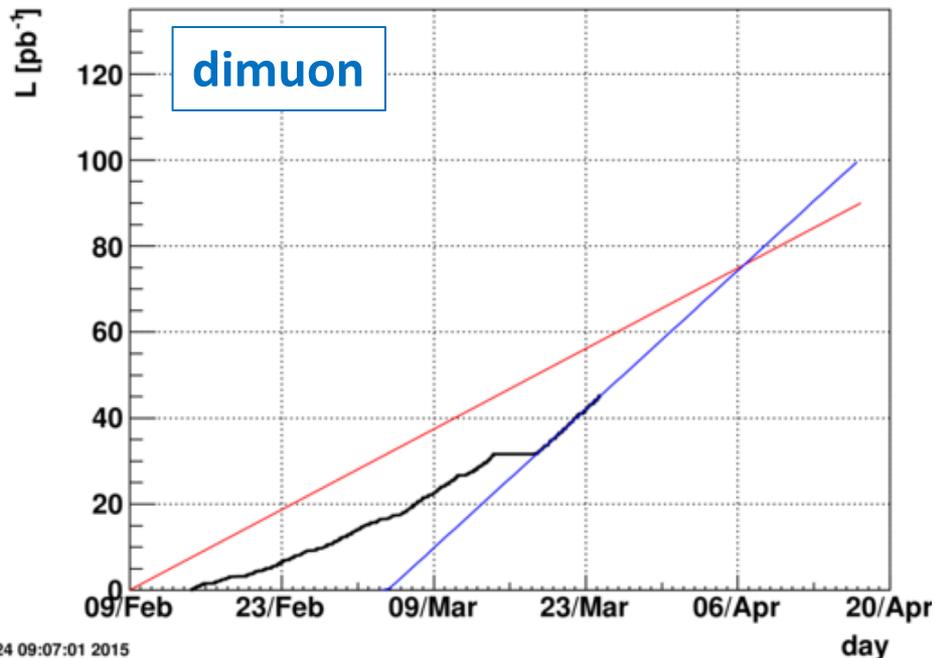
Tue Mar 24 09:07:00 2015



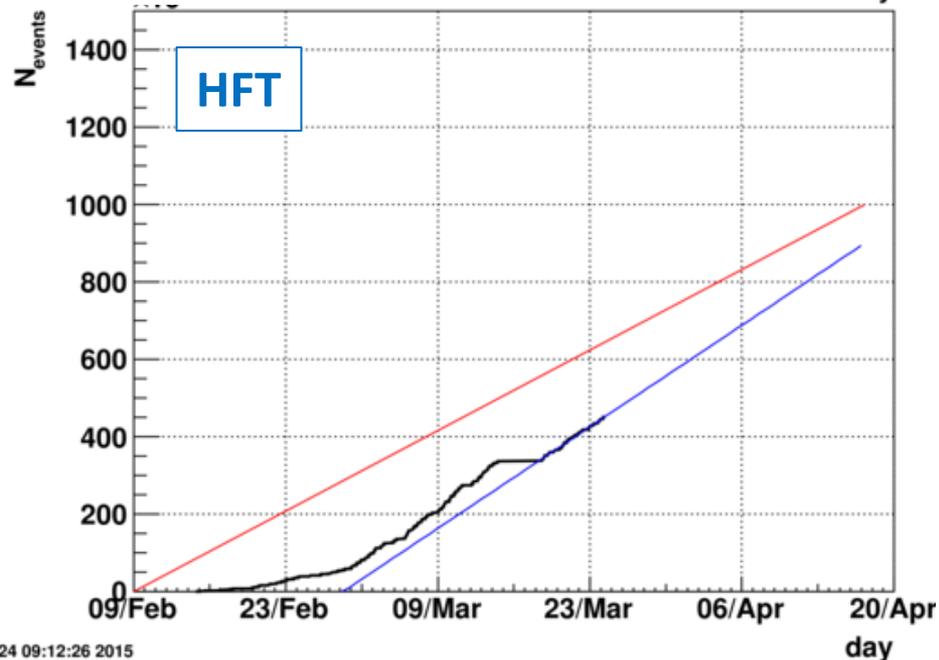
Tue Mar 24 09:07:01 2015

# Unpolarized p+p

- Heavy Flavor Physics
  - MTD & HFT detectors
  - Baseline measurements for heavy ion run 2016
- HFT operation
  - Not at beginning of fill
  - Dynamic trigger prescales
  - Balance triggers with other programs
- Proposal in RHIC Planning Meeting
- Roman pots (PP2PP)
  - Similar situation to HFT



Tue Mar 24 09:07:01 2015



Tue Mar 24 09:12:26 2015