

STAR Update for Run 11

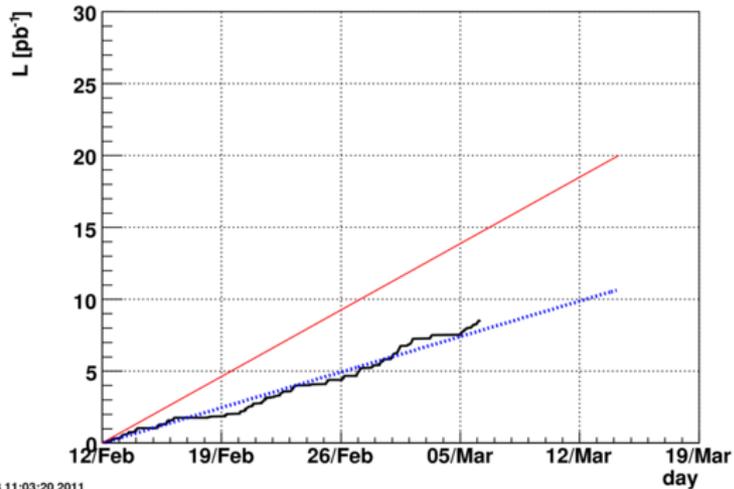
Pibero Djawotho for the STAR Collaboration

Texas A&M University

8 March 2011

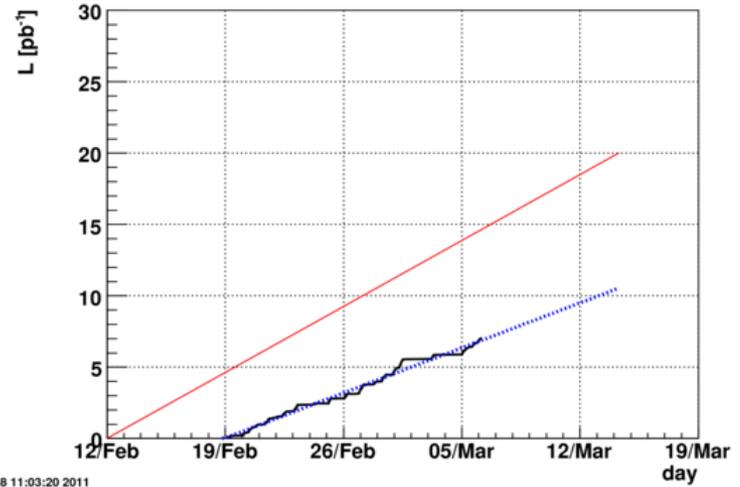
Goals, current status and projections

BHT1



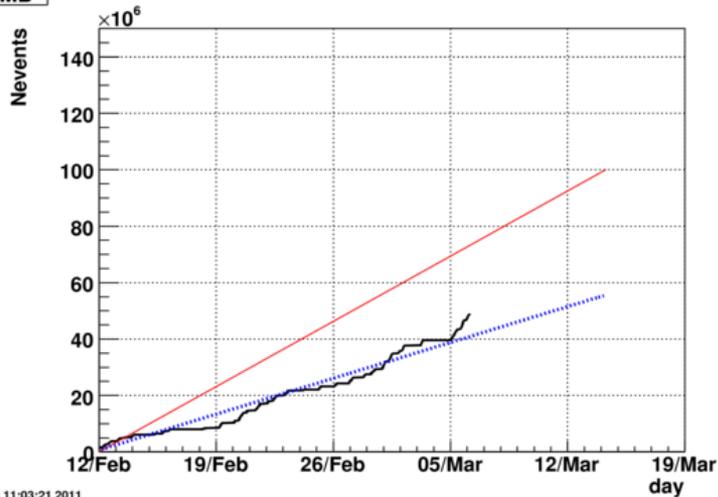
Tue Mar 8 11:03:20 2011

FMSJP2



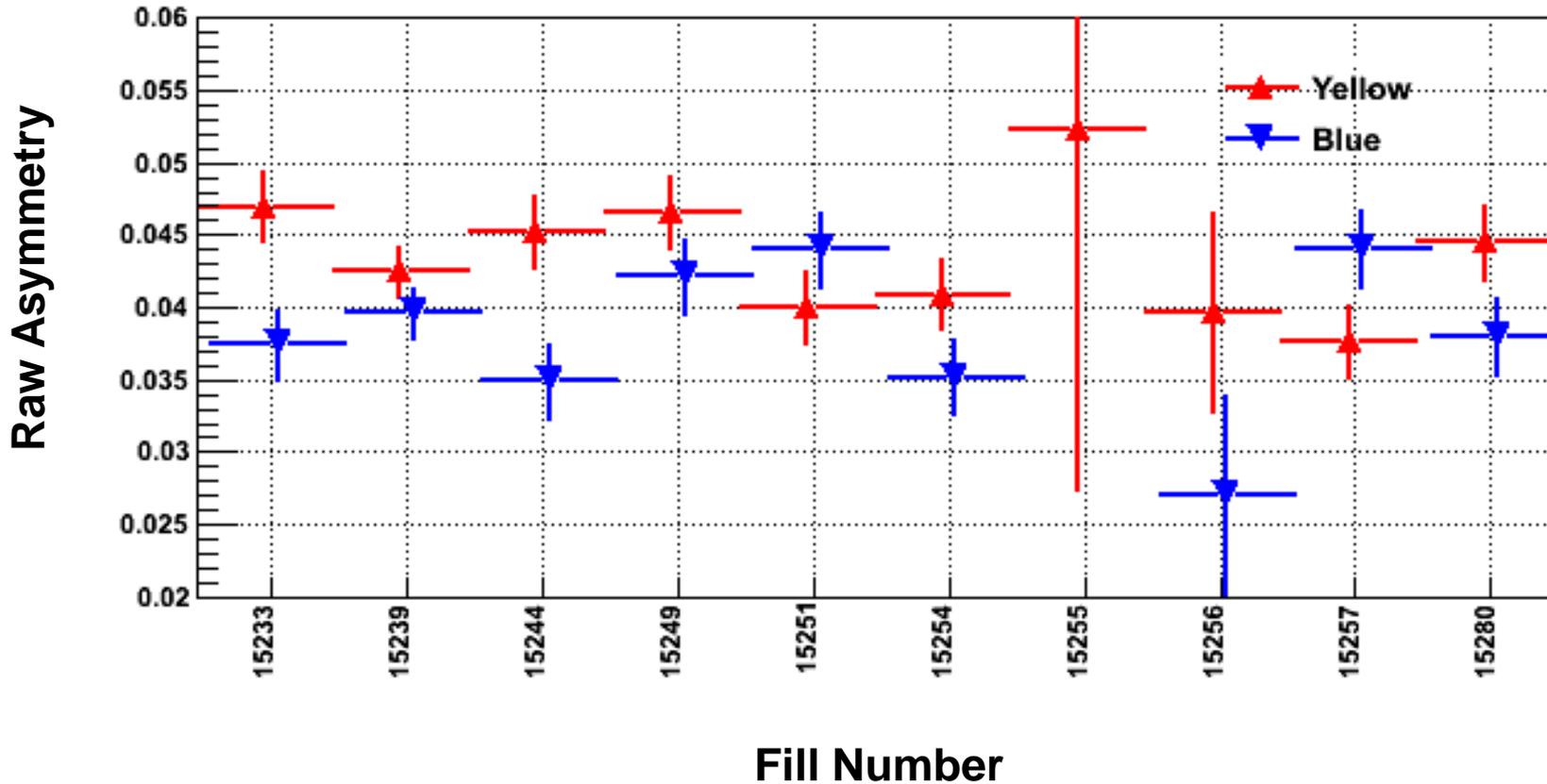
Tue Mar 8 11:03:20 2011

VPDMB



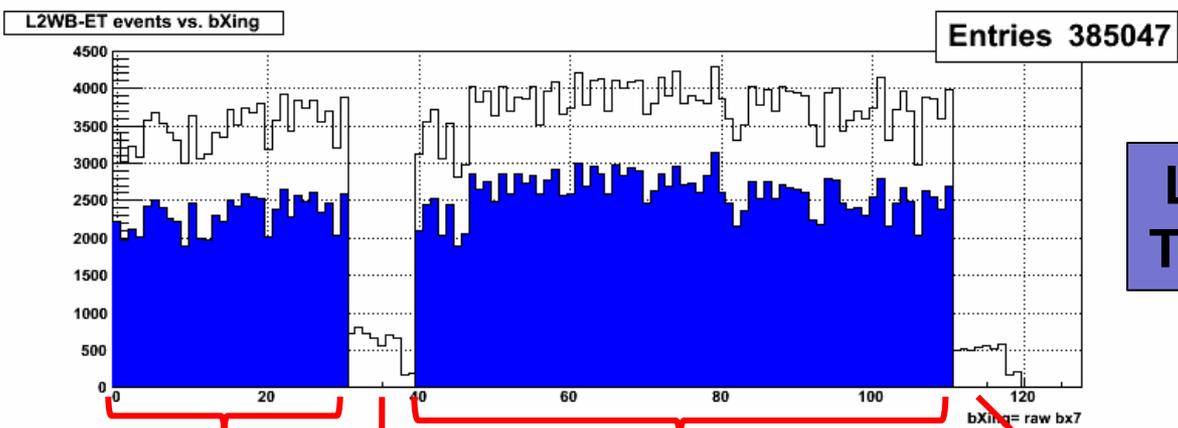
Tue Mar 8 11:03:21 2011

Online ZDC polarimetry



BBC coincidence requirement imposed

Barrel EMC
 'hits' (η, Φ) for
 events w/
no reco
 TPC vertex



L2BW
 Trigger

BTOW lower ADC > 13 (no raw+0 vertex found) bX7=[8,38] Events: 1247901

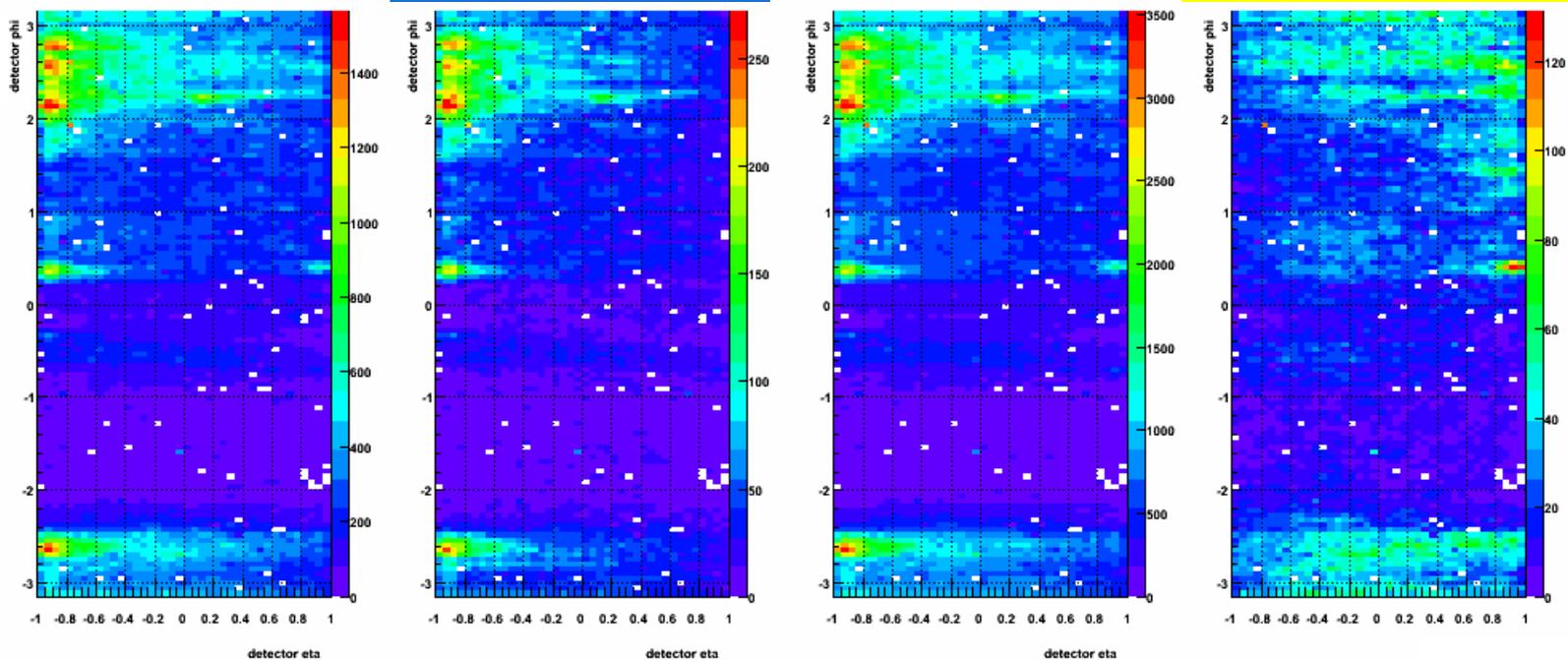
Blue Abort Gap

BTOW lower ADC > 13 (no raw+0 vertex found) bX7=[41,116] Events: 2017894

Yellow Abort Gap

Φ

Hit towers:
 ADC-ped>10
 ie. ~150 MeV
 threshold



-Z (east)



+Z (west)

η

Conclusions

- ZDC singles corrections now included in estimate of sampled luminosity \Rightarrow slight reduction compared to old values
- Achieved $< 50\%$ of transverse goals for all triggers
- Online ZDC polarimetry up and running
- Background appears to originate mostly from yellow beam and seen by BEMC, EEMC and BTOF \Rightarrow ongoing investigation