



STAR status

- Global timing and trigger detector calibrations done for the first physics program at $\sqrt{s_{NN}}=11.5$ GeV
- Started Physics at 12:30pm today
 - main physics trigger: “minimum-bias” with EPD, VPD, ZDC
- Goal 230 M “good” minimum-bias events at $\sqrt{s_{NN}}=11.5$ GeV
 - “Good events” rates with z vertex within ± 70 cm and ± 150 cm (with efficiency for physics 30% in 70-150cm)
 - “effective good event” rates ~ 1.2 * rates in good event rates in ± 70 cm
- All STAR sub-systems used for physics are performing well
- eTOF preamplifier boards (partly damaged in Run 19) have been fully replaced with new boards with improved overload protection, being commissioned.
- Fixed target runs to be scheduled ensuring the best performance of eTOF
- Optimizing data collection procedure on the way
 - Detector readiness status between fills, store length, gap cleaning...

first “physics” runs from today (Dec. 10)

