

PHENIX Set-Up for Physics

- Physics Set-Up
 - Jan 6 fixed timing of MuTr
 - Jan 7 fixed one module in HBD
 - Jan 9 fixed 8 channels in BBC
 - PHENIX detector in Physics Running condition since then
 - Physics-quality data (albeit at low luminosities)
 - Jan 10 1 store, 33.7 M events sampled
 - Jan 11 3 stores, 86.2 M events sampled
 - Jan 12 2 stores, 66.3 M events sampled

DAQ Capabilities demonstrated

- Have had a few stores since yesterday where luminosity was high enough in the beginning to test our DAQ capabilities
 - DAQ capability of recording events at 5 kHz demonstrated
 - New DAQ capability of recording minimum bias events with narrow vertex cut demonstrated
- PHENIX DAQ close to planned performance

Ready for higher luminosity

- We've only had a few runs, right in the beginning of a store, yesterday and today, where PHENIX DAQ is used to its capacity
- For the most part, PHENIX DAQ is underemployed and we are luminosity starved