

PHENIX Run-12 Status Highlights

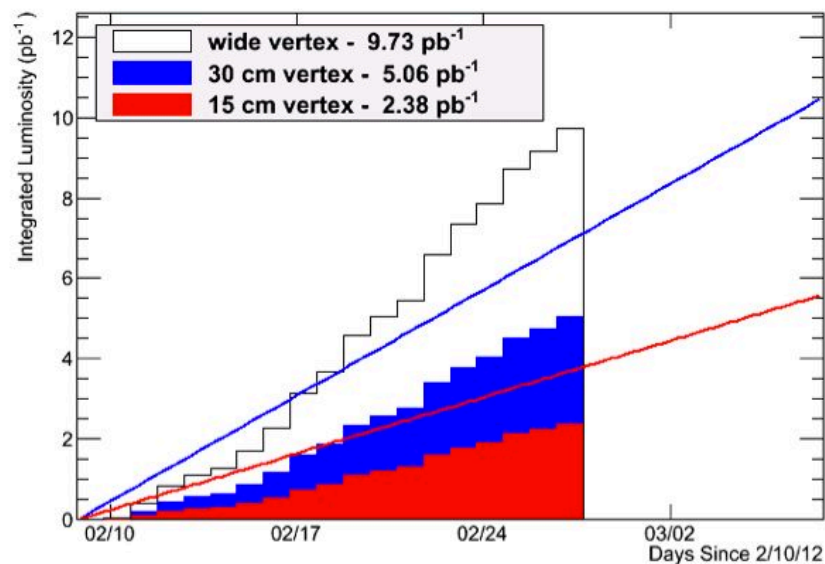
Xiaochun He

- Data taking went very smoothly in recent days. We accumulated over ~ 2.6 B physics events so far. 279 runs have been taken since the C-AD declaration of physics.
- Made good progress on commissioning the PHENIX Forward Vertex detector (FVTX). Saw correlating hits from FVTX and the existing muon spectrometer (Muon Arms). Another milestone! However, only one 1/6 of the FVTX readout was powered up for this test because of a high temperature issue.
- Plan of action for the maintenance day (tomorrow) is in place.

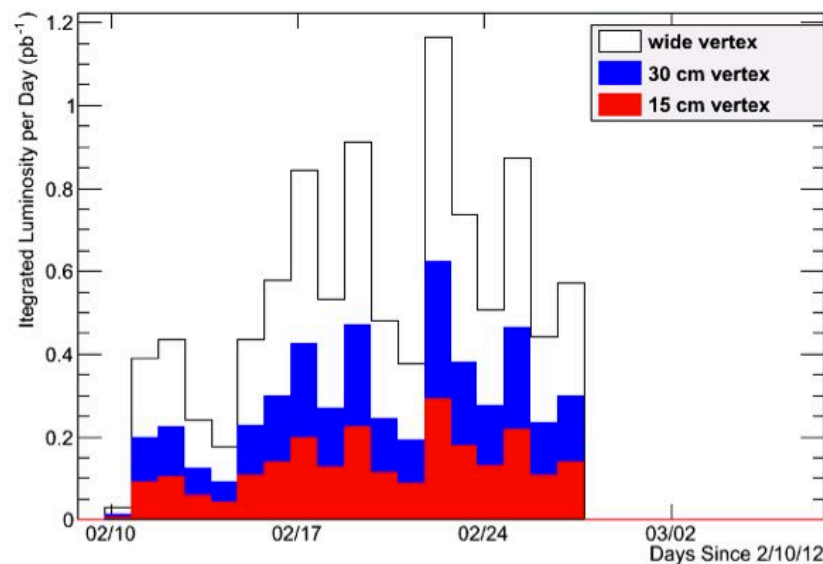
PHENIX Luminosity Monitoring

Run12 200 GeV p+p Luminosity (Updated every 3 hours)
(Time-zero is Feb 10th, 2012)

PHENIX Integr. Sampled Lumi vs Day Tue Feb 28 09:04:19 2012

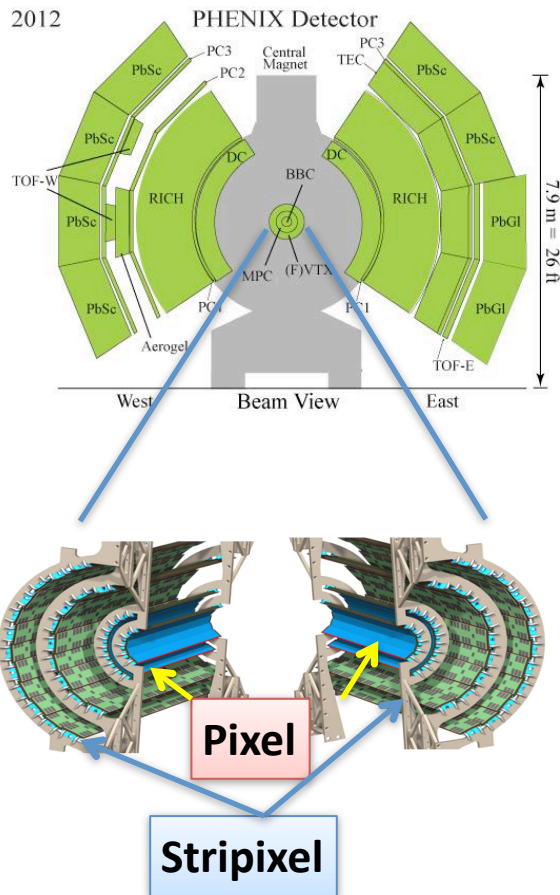


PHENIX Integr. Sampled Lumi/Day vs Day Tue Feb 28 09:04:20 2012

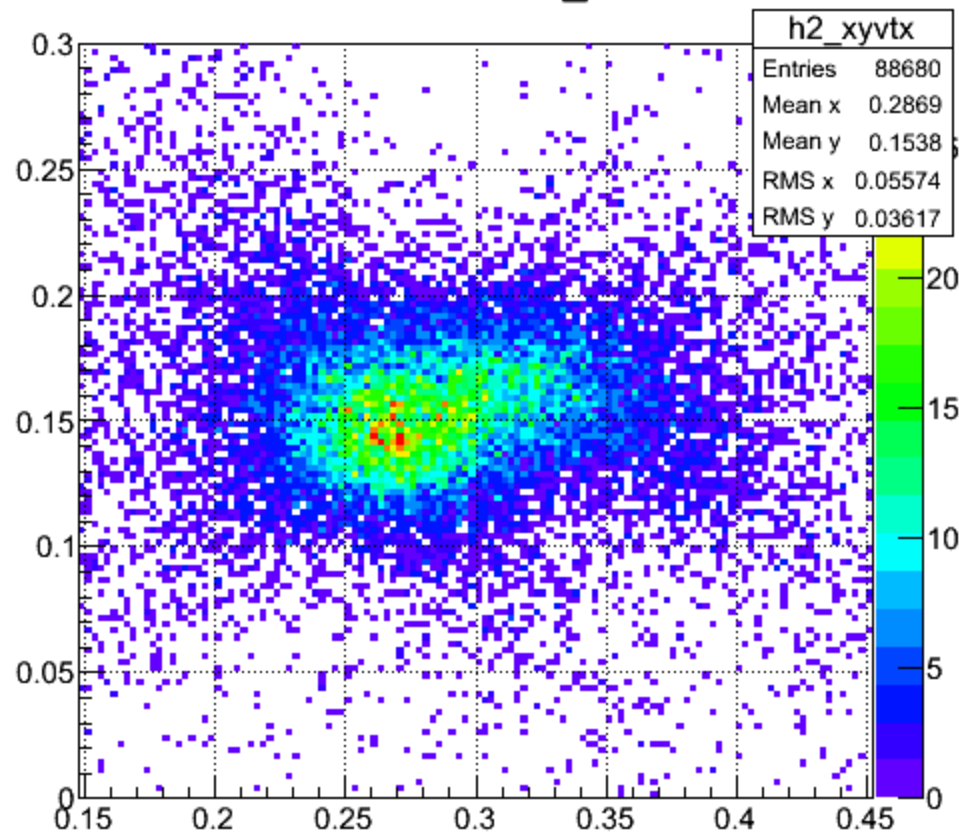


So far, we collected 41% of the data toward the goal for the 200 GeV pp run.

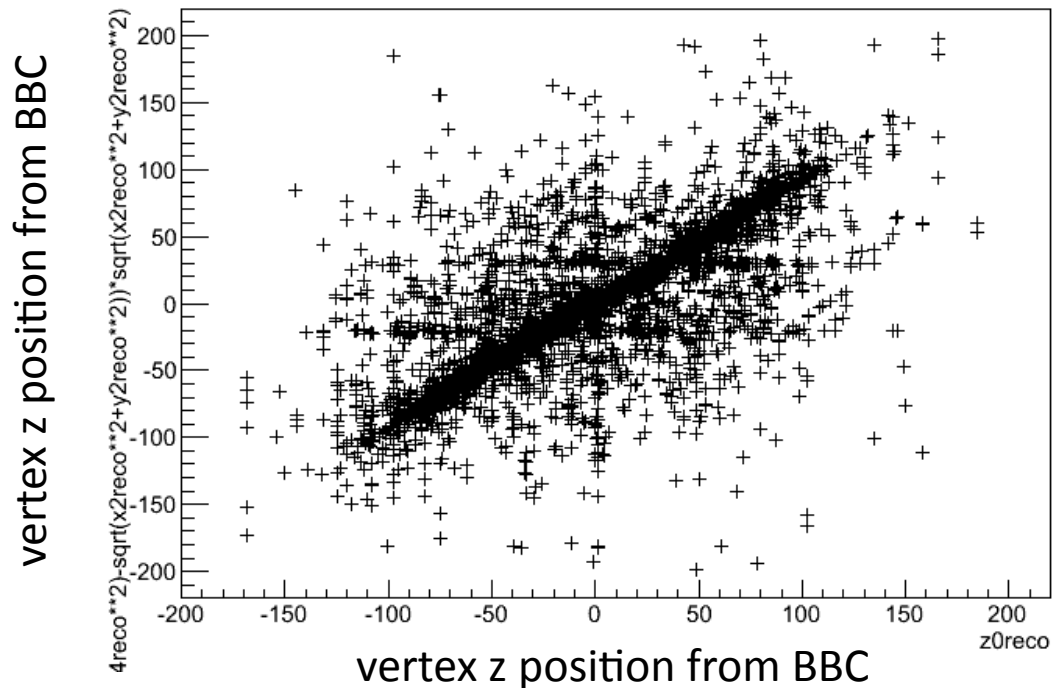
Reconstructed collision vertex distribution (within single run)



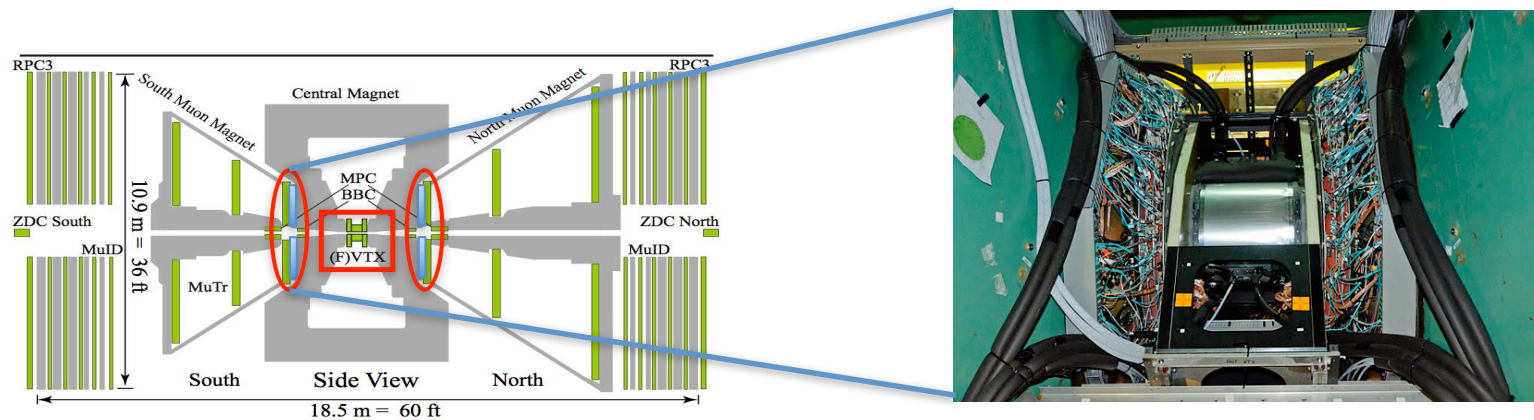
Y-X vtx 358719_0050



See Real Hits in Collisions with FVTX



Only with 1/6 of the total readout was on because of unresolved high temperature issue.



PHENIX Muon Has More J/ψ

