

PHENIX Run-12 510 GeV pp Startup

Xiaochun He

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- Had a four-hour access this morning to close in PHENIX vertex detectors. We let the detectors in retracted position on March 14 in order to investigate radiation effects on our silicon sensors. Our thanks go to Bill Christie (STAR) and Vincent (C-AD) for making this possible.
- Besides fine tuning our triggers, we are ready to take physics data. Physics clock is ticking.

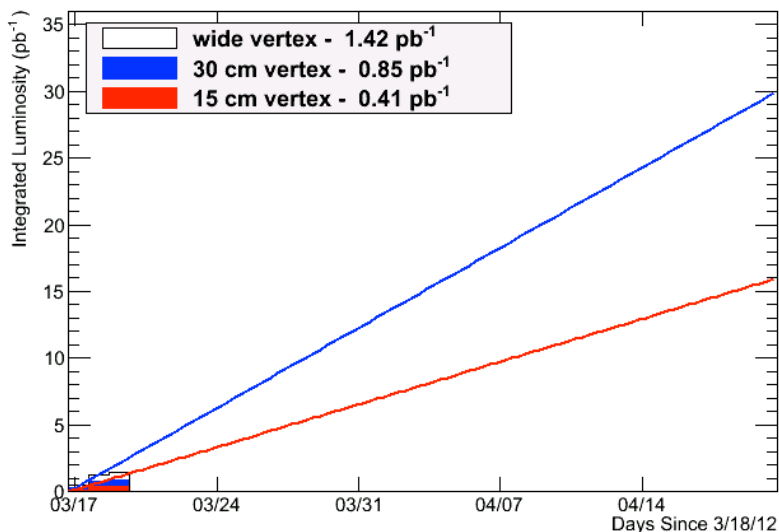
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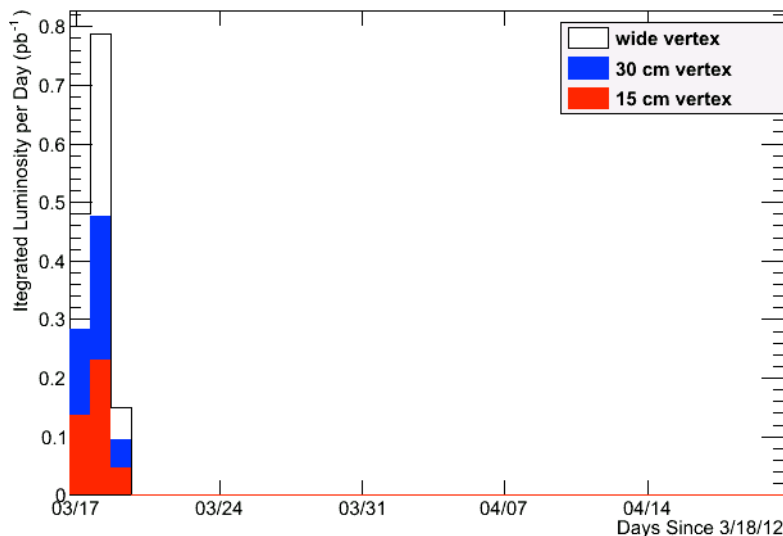
PHENIX Integr. Sampled Lumi vs Day

Tue Mar 20 09:00:22 2012

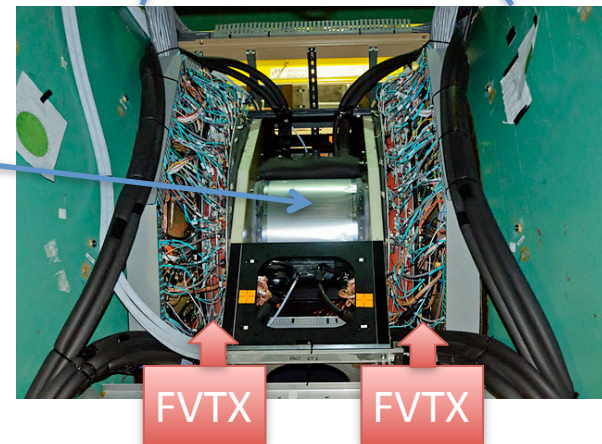
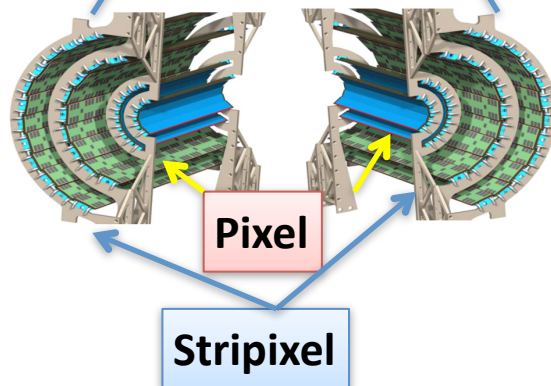
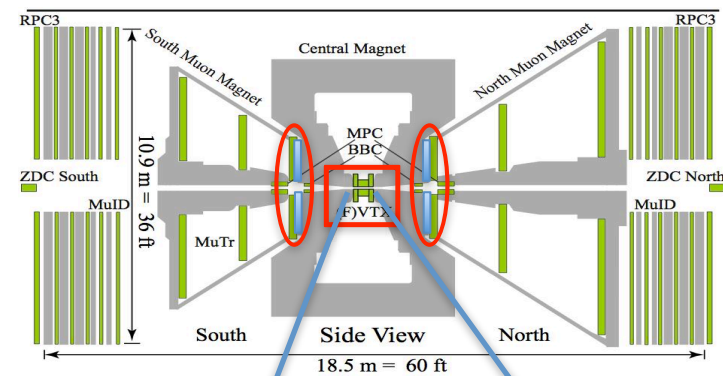
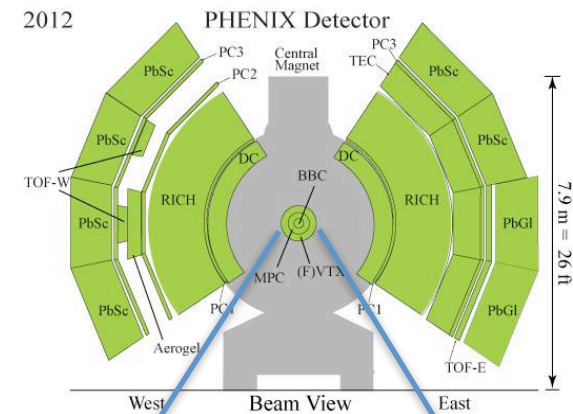


PHENIX Integr. Sampled Lumi/Day vs Day

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Commissioning of the PHENIX Forward Vertex Detector (FVTX) Continues



Investigating Higher Bias Currents Seen from FVTX



Higher currents/radiation dose seen in wedges near the nose cone than in wedges near the IP during 200 GeV pp run, which was not expected.

One wedge taped to nosecone... to understand whether shielding can reduce dose coming from the nosecone direction.