

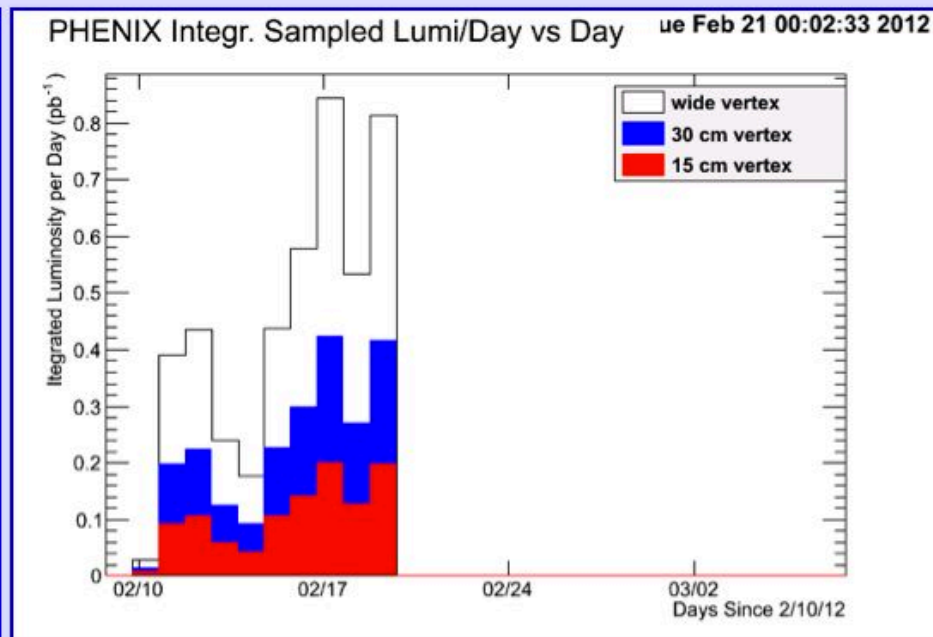
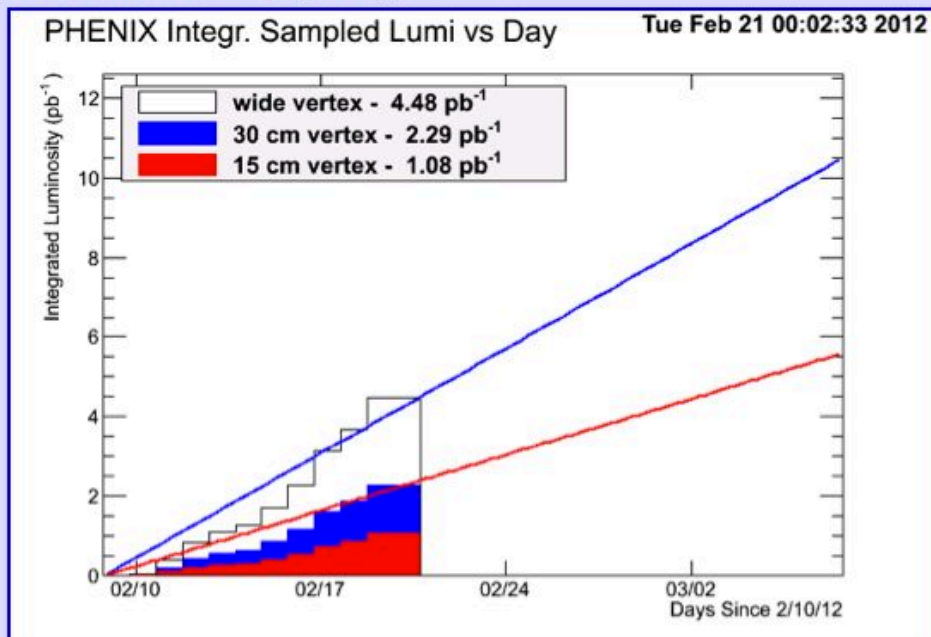
PHENIX Run-12 Status Highlights

Xiaochun He

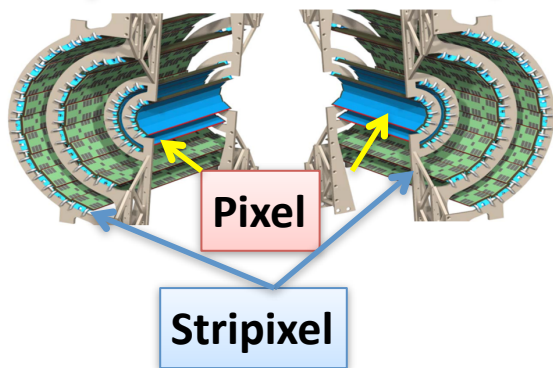
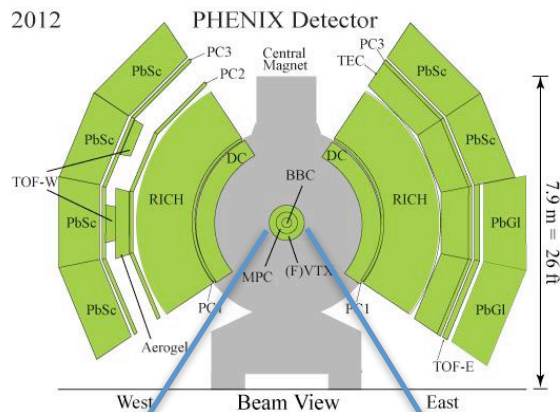
- Data taking went very smoothly in recent days. We accumulated over ~ 1.1 B physics events so far. 139 runs have been taken since the C-AD declaration of physics.
- FVTX commissioning continues. However, the work is slowed down quite bit at the present time since the rising bias current once the FVTX is powered up. Some facts lead toward the connection to a rising temperature. Experts are still analyzing the situation.
- Fast data production is ongoing in PHENIX counting house.
- Make plans for the maintenance day (2/29/2012).

PHENIX Luminosity Monitoring

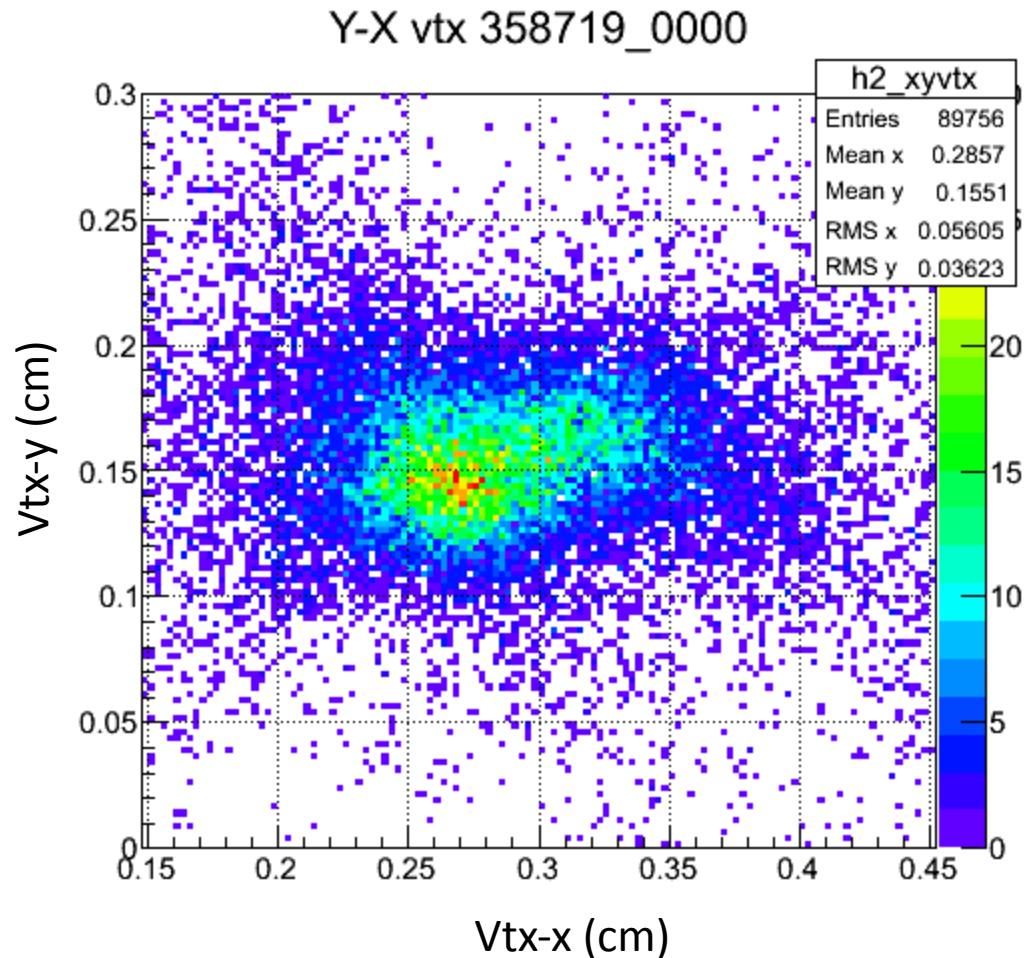
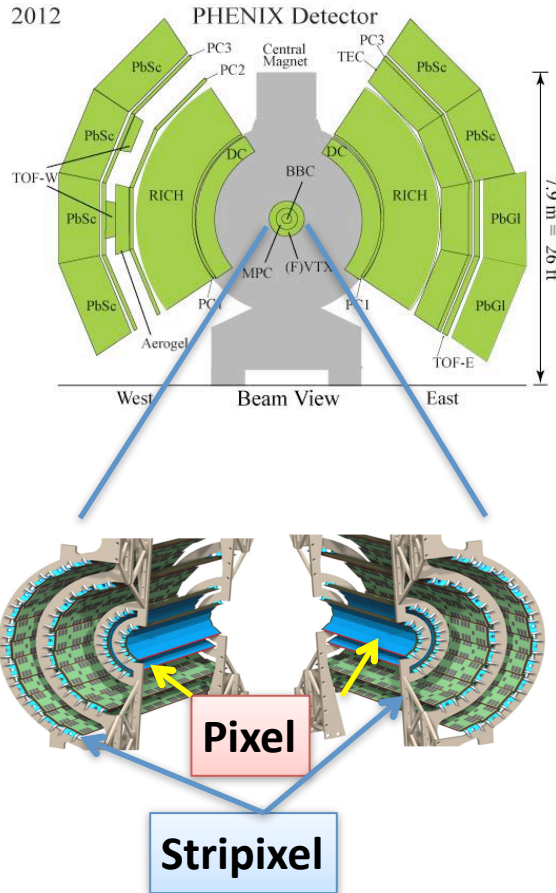
Run12 200 GeV p+p Luminosity (Updated every 3 hours)
(Time-zero is Feb 10th, 2012)



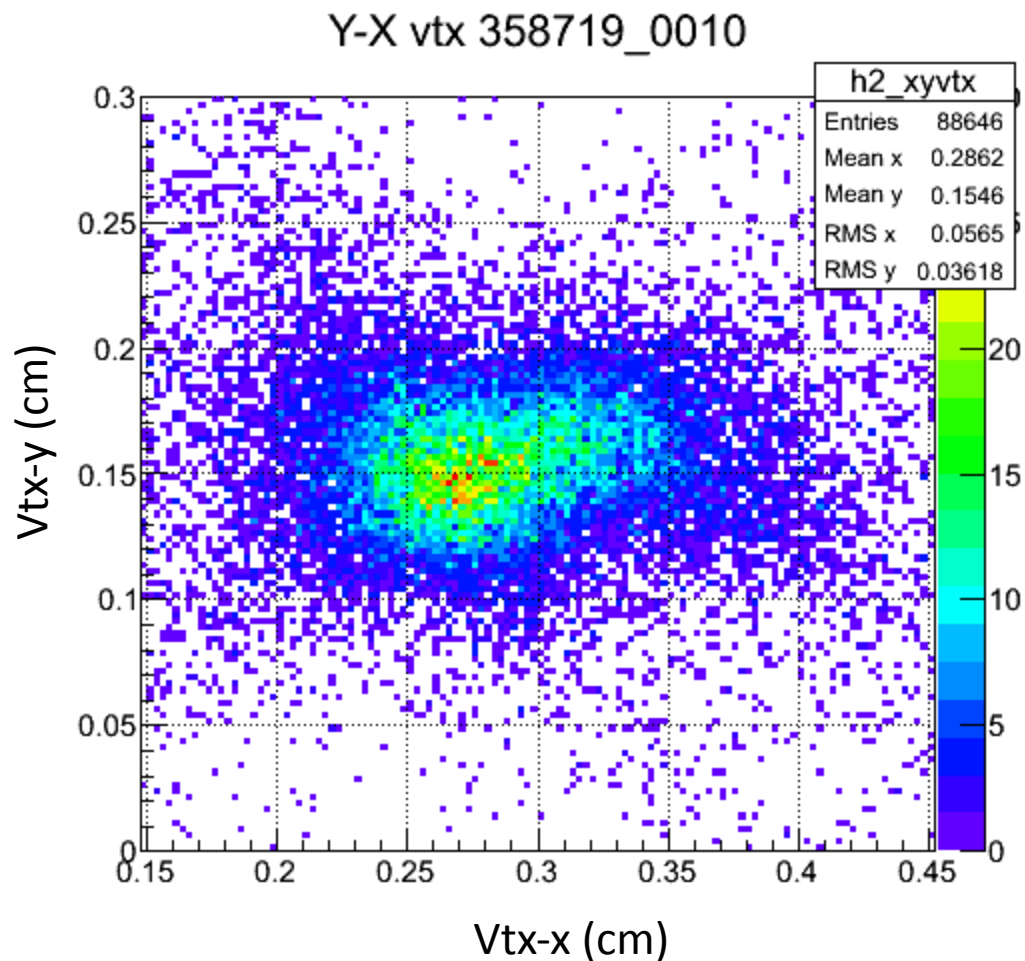
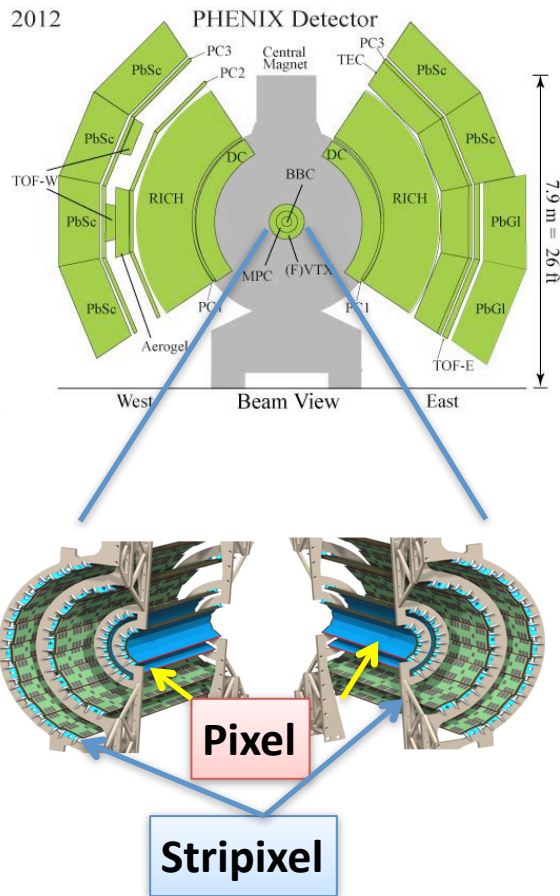
Reconstructed collision vertex distribution (within single run)



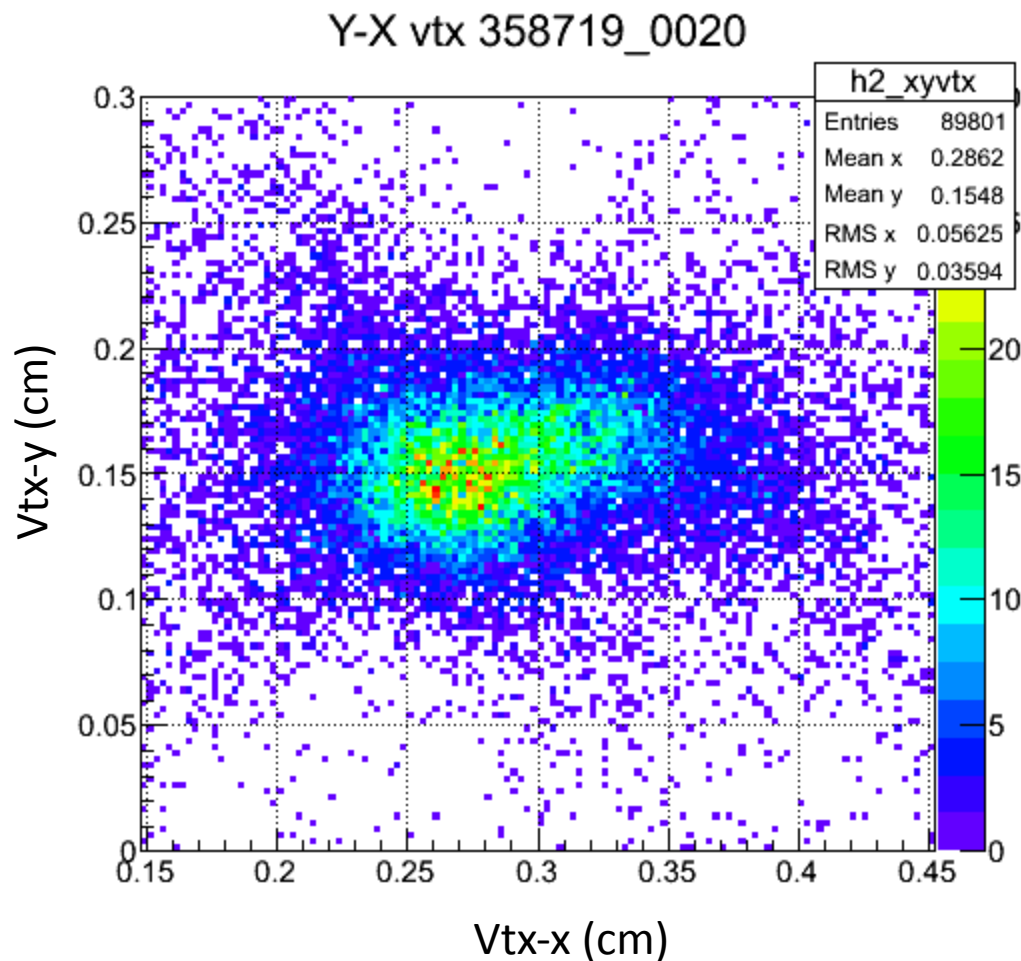
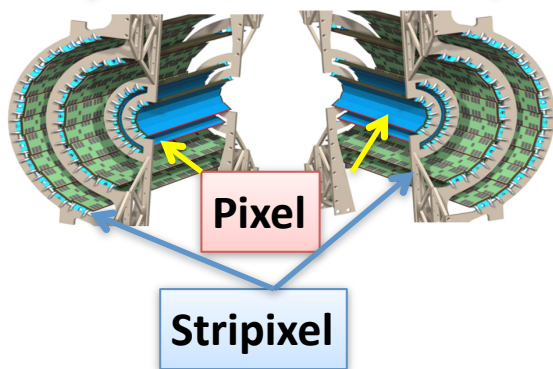
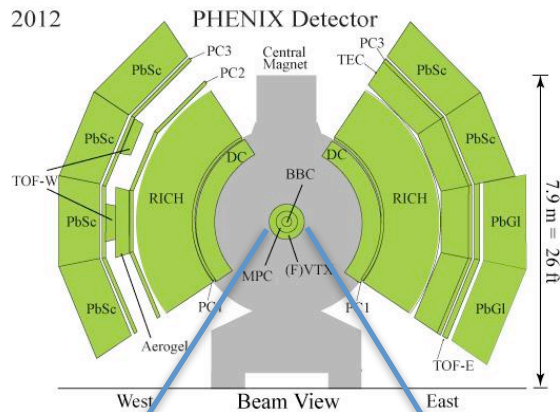
Reconstructed collision vertex distribution (within single run)



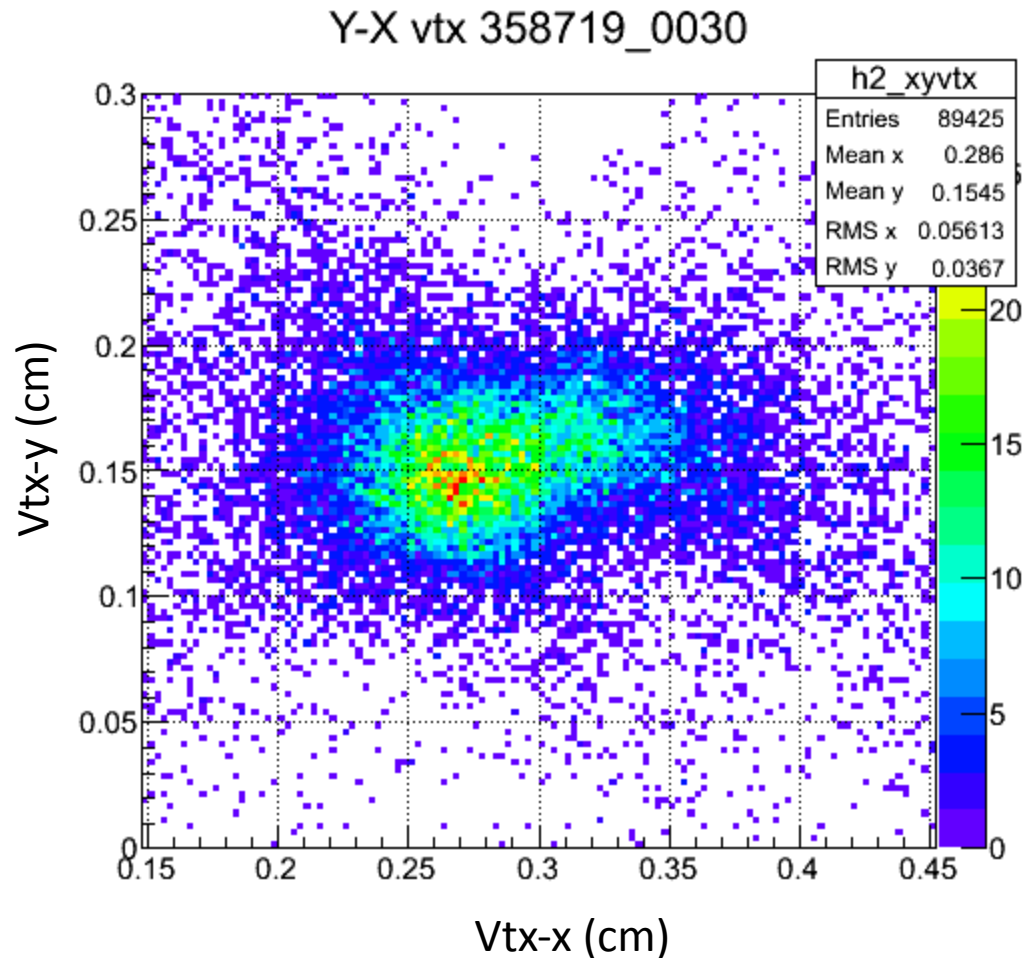
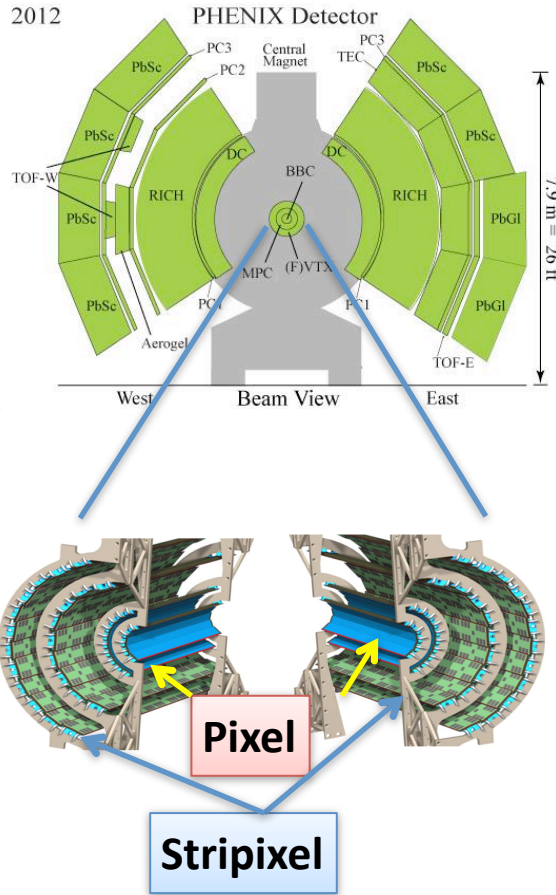
Reconstructed collision vertex distribution (within single run)



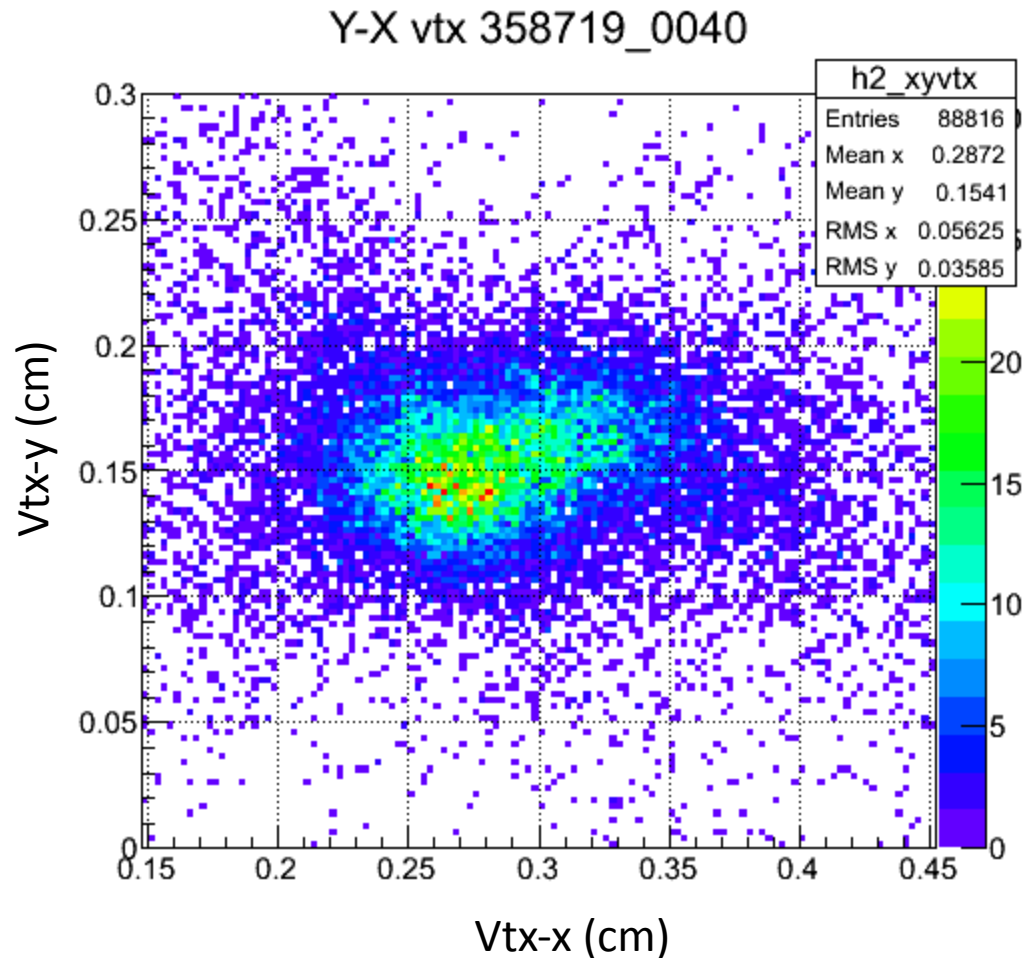
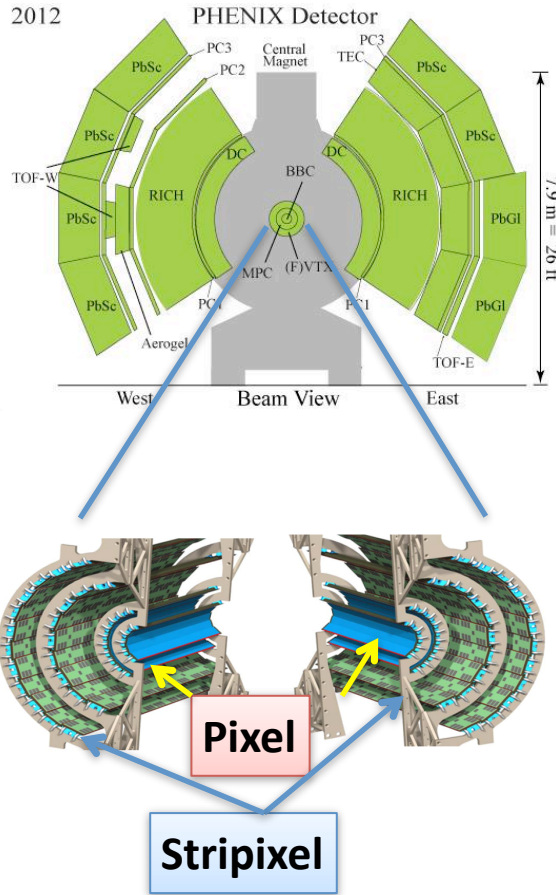
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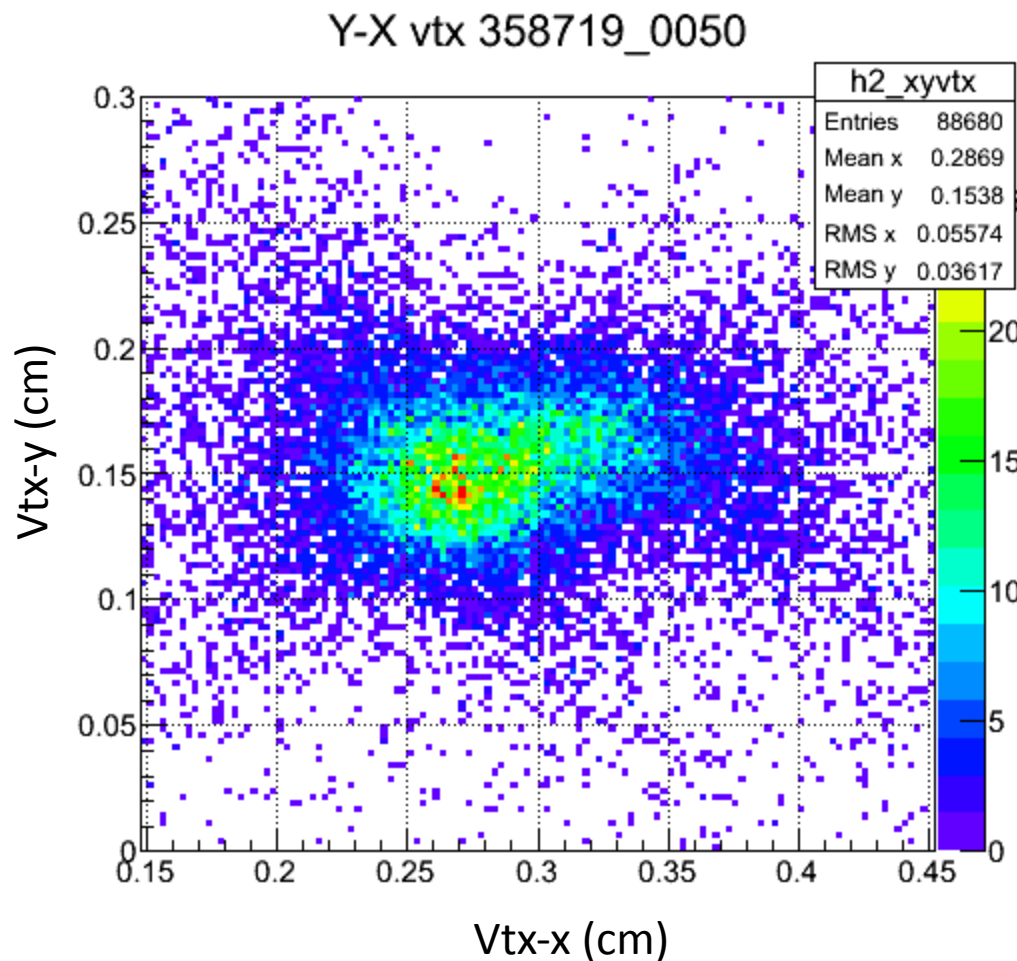
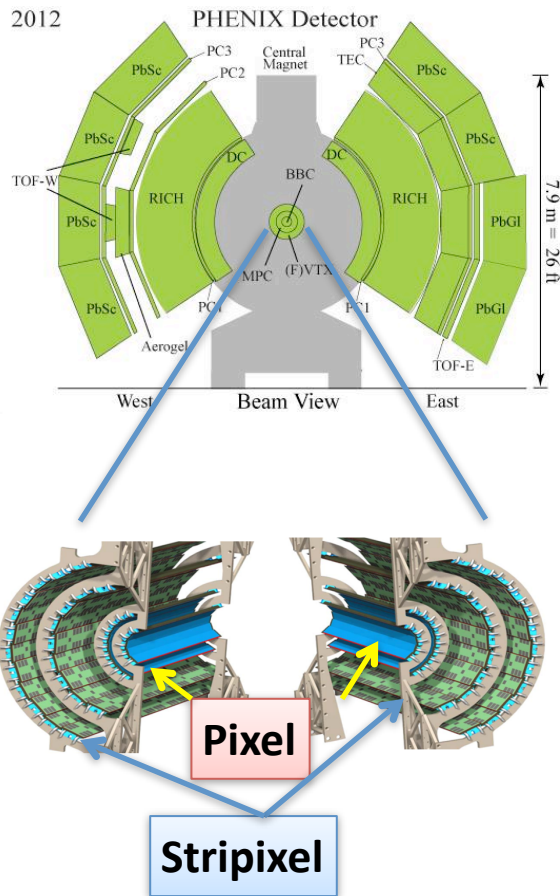
Reconstructed collision vertex distribution (within single run)



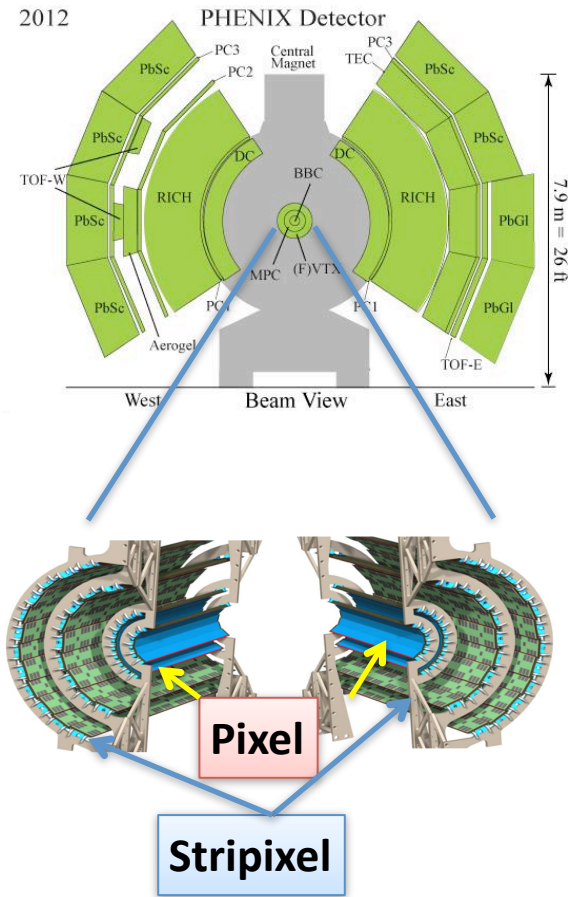
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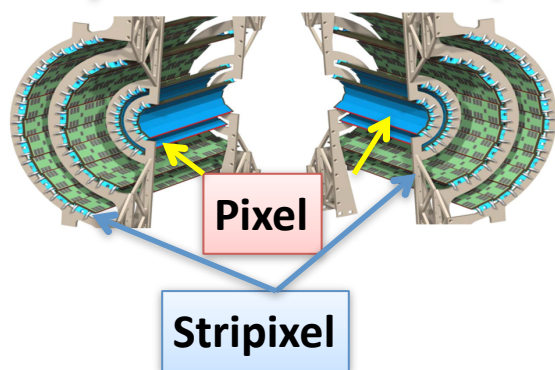
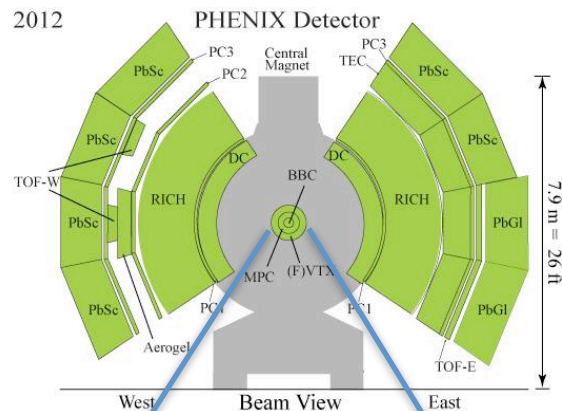
Reconstructed collision vertex distribution (within single run)



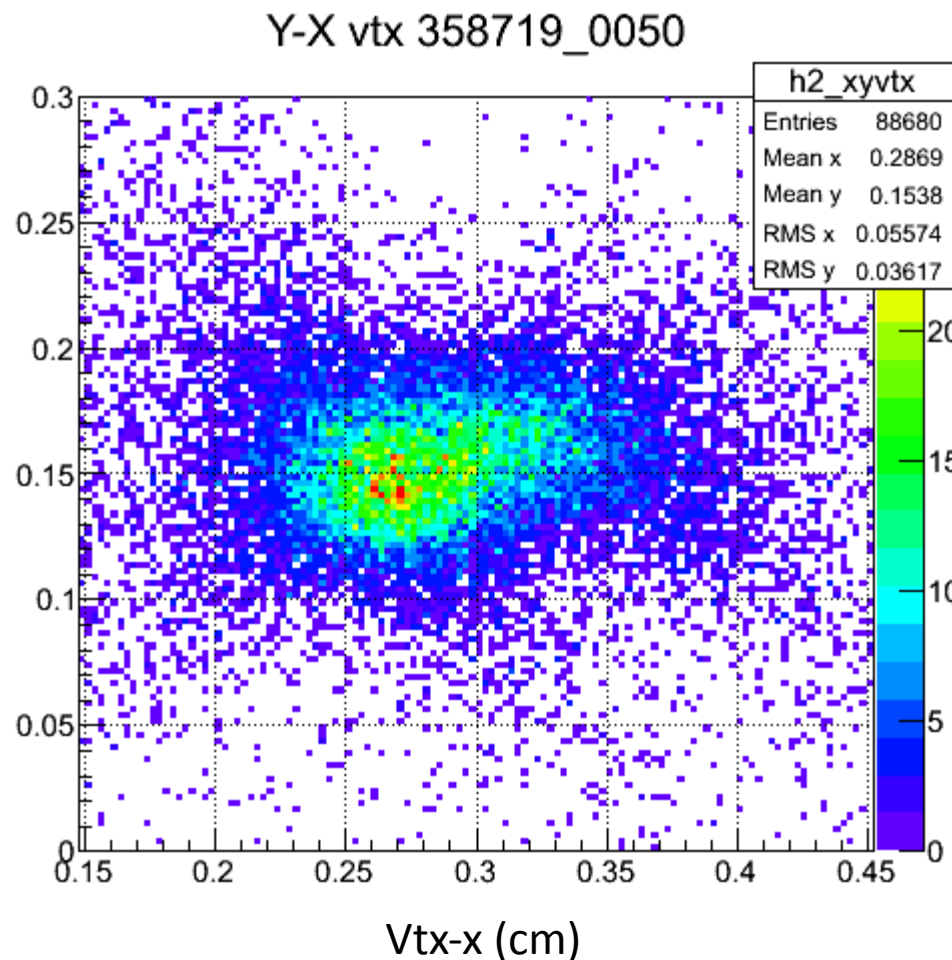
Reconstructed collision vertex distributions (from different runs, seeing beam shifts)



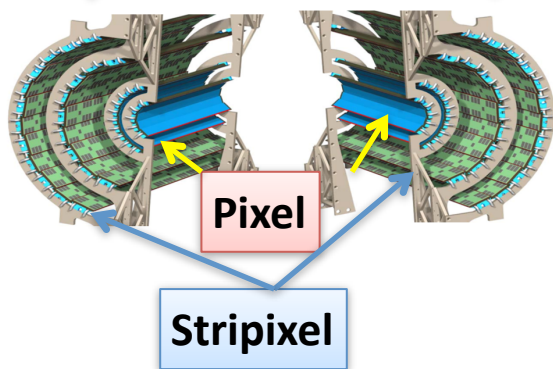
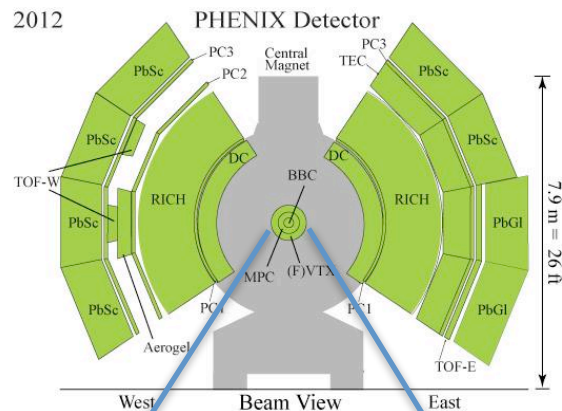
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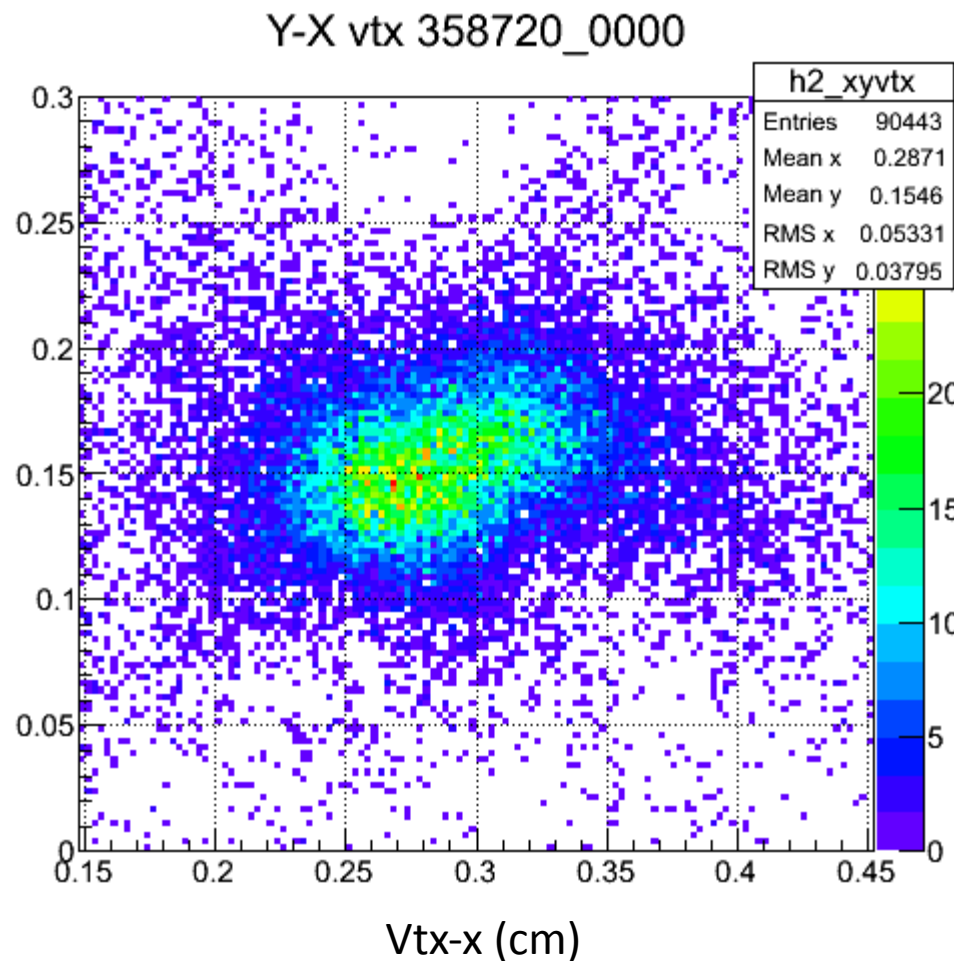
Vtx-y (cm)



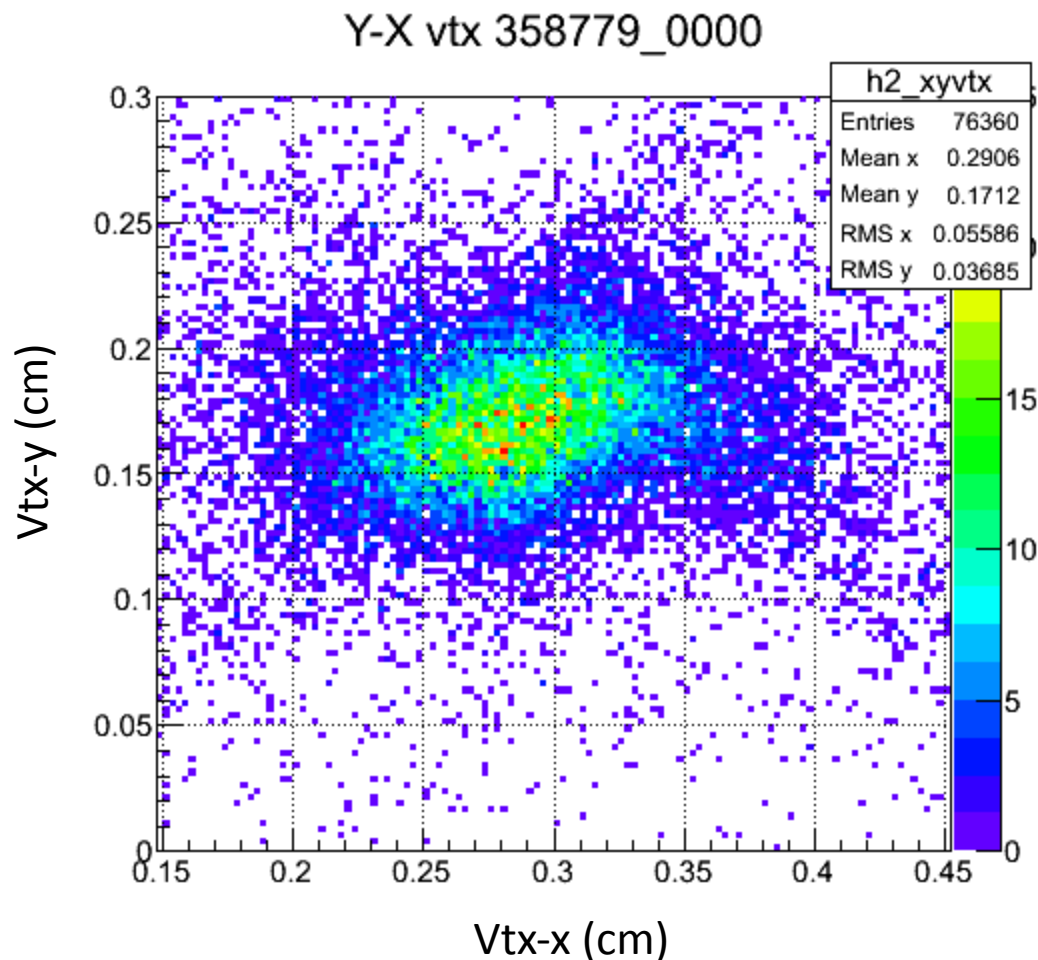
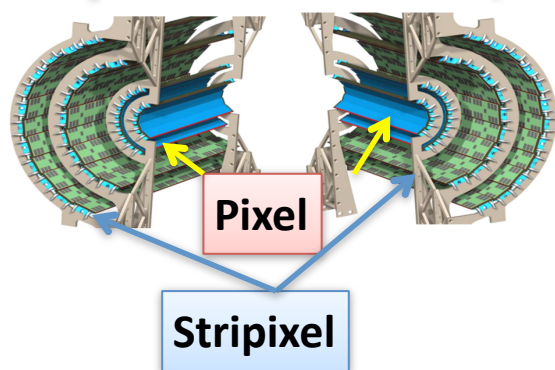
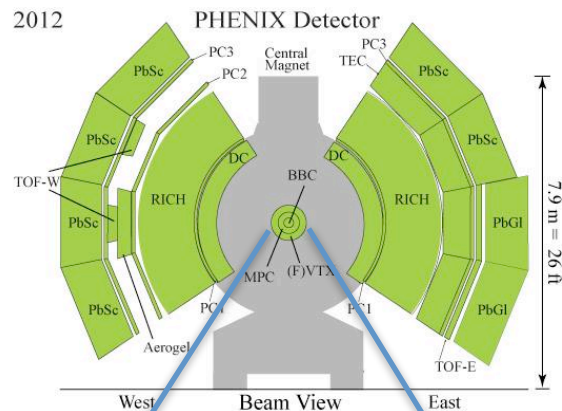
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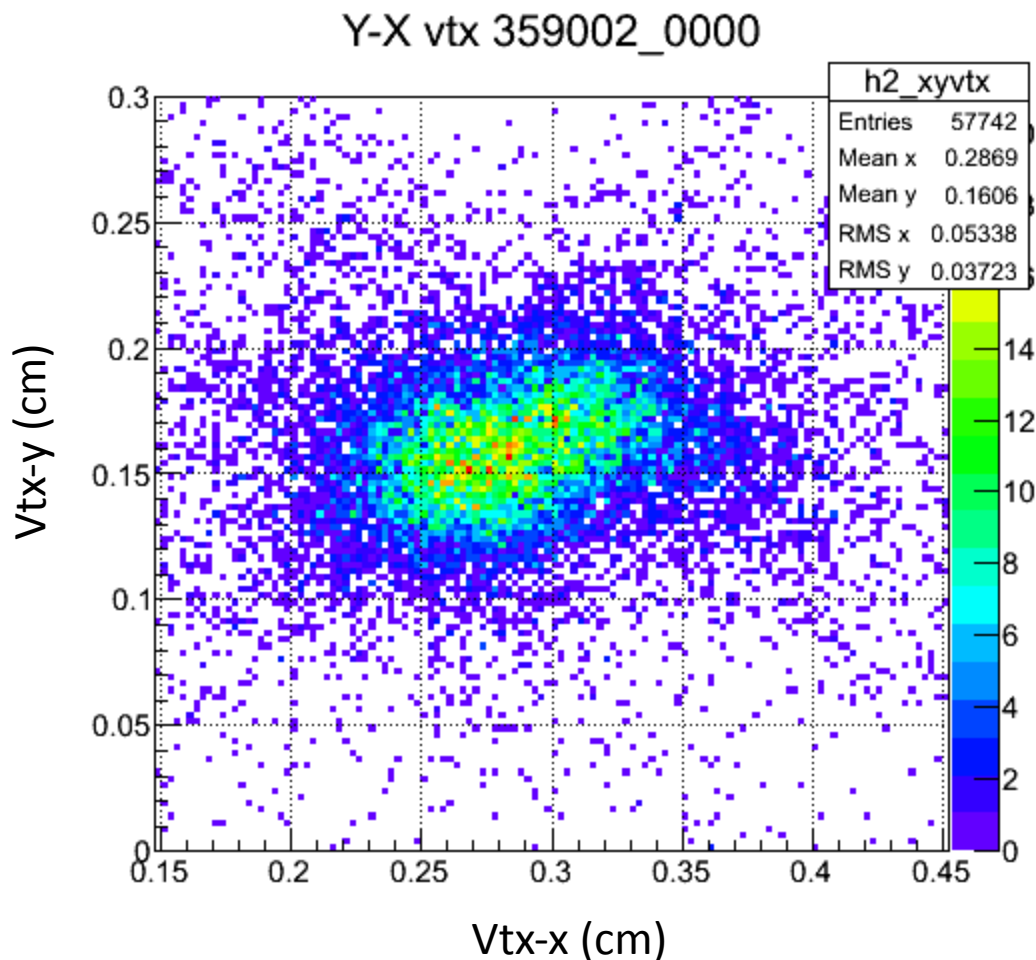
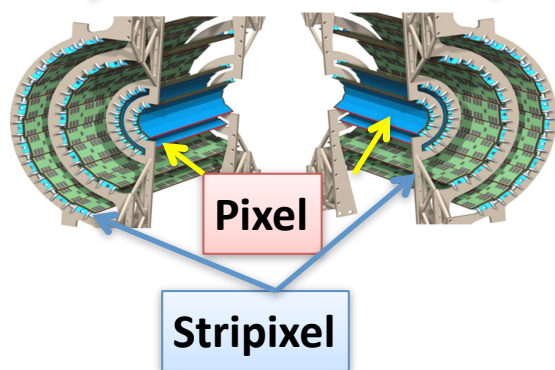
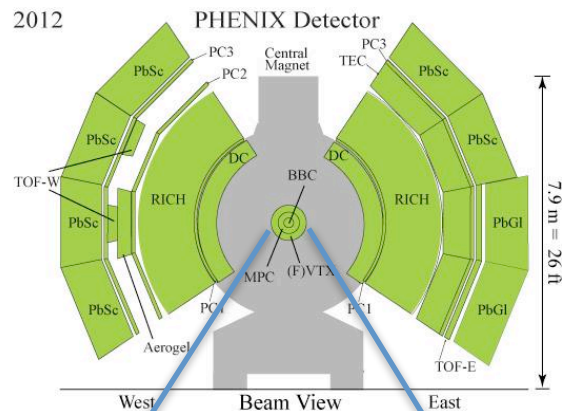
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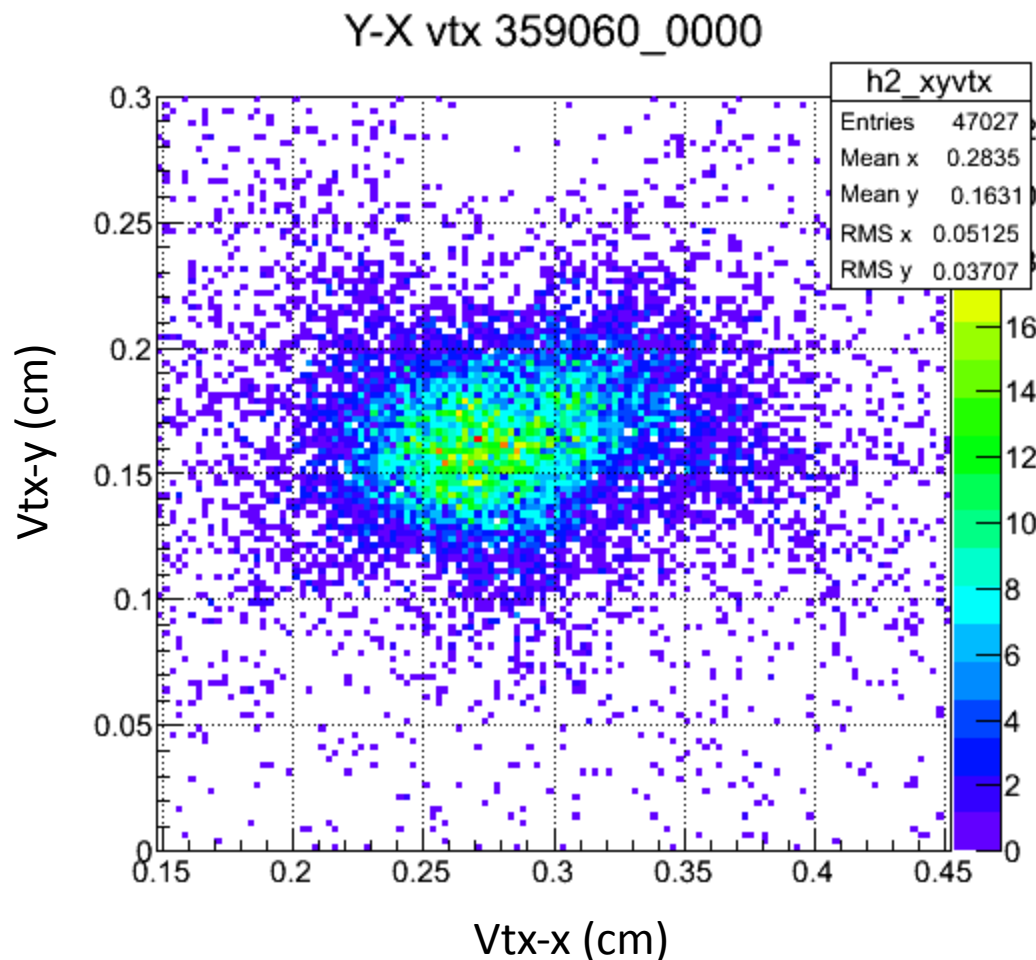
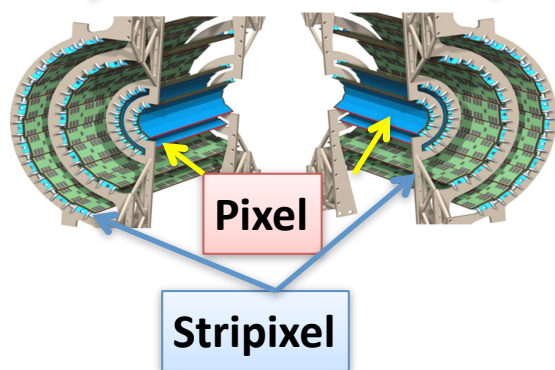
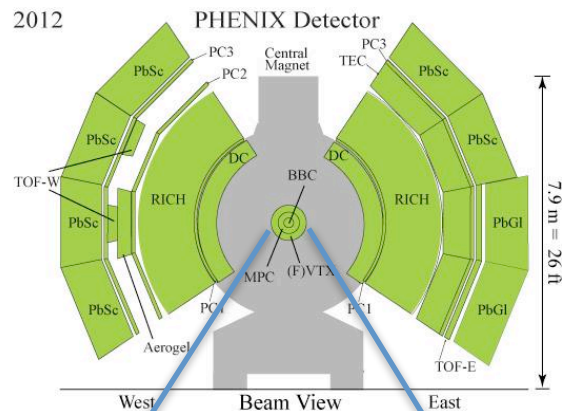
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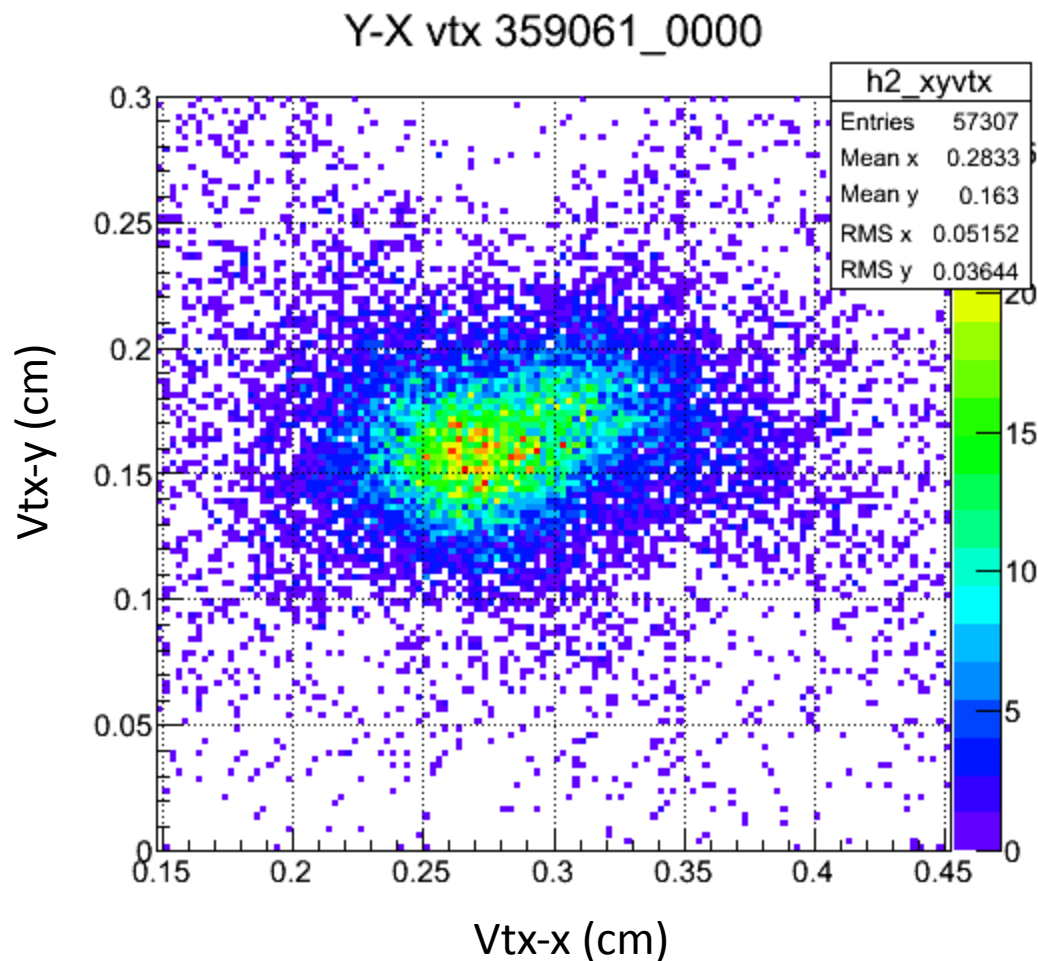
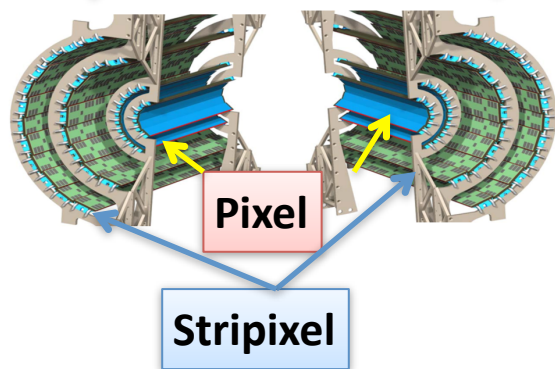
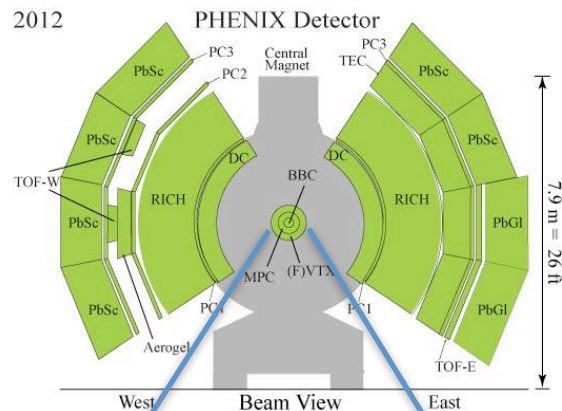
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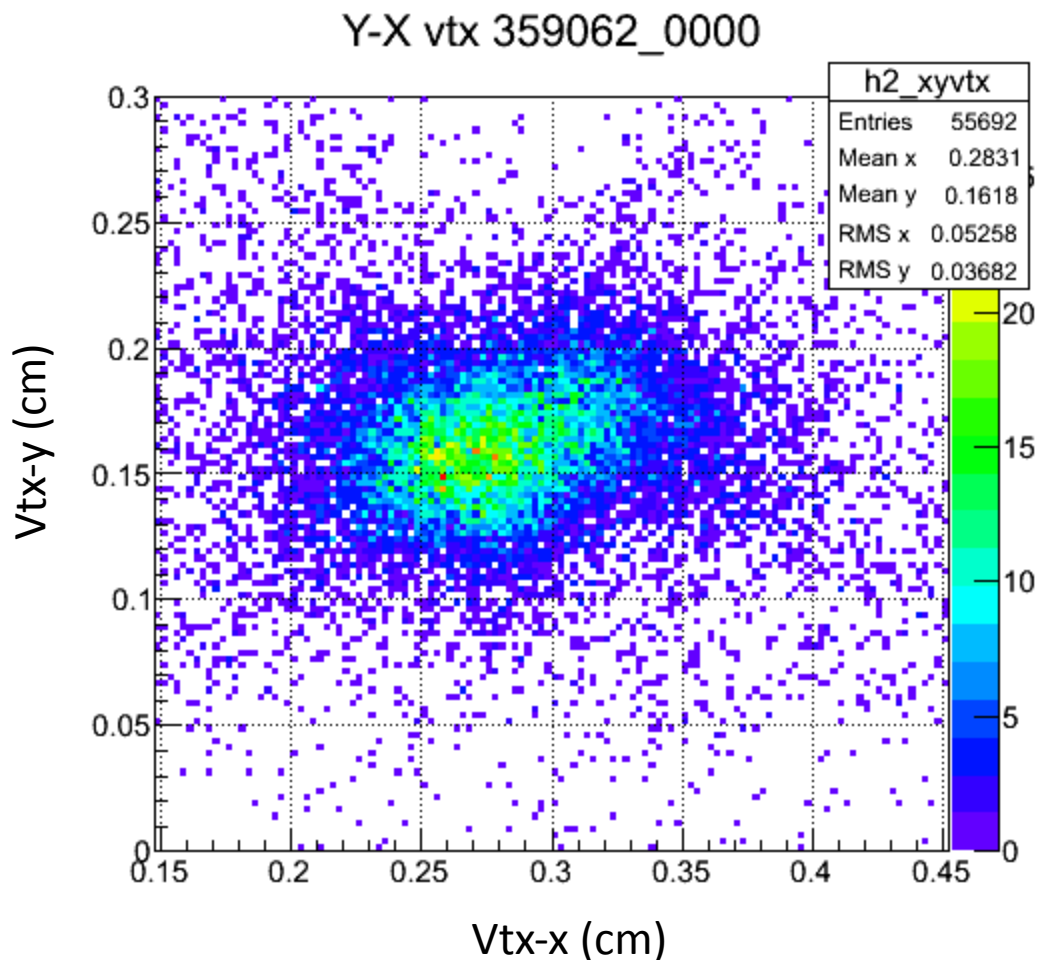
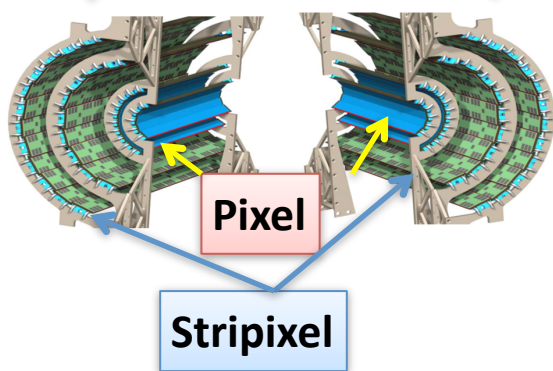
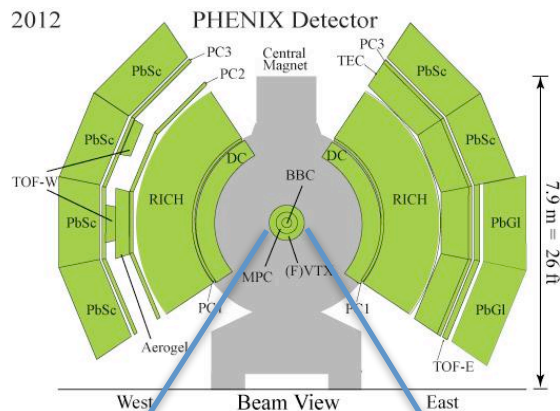
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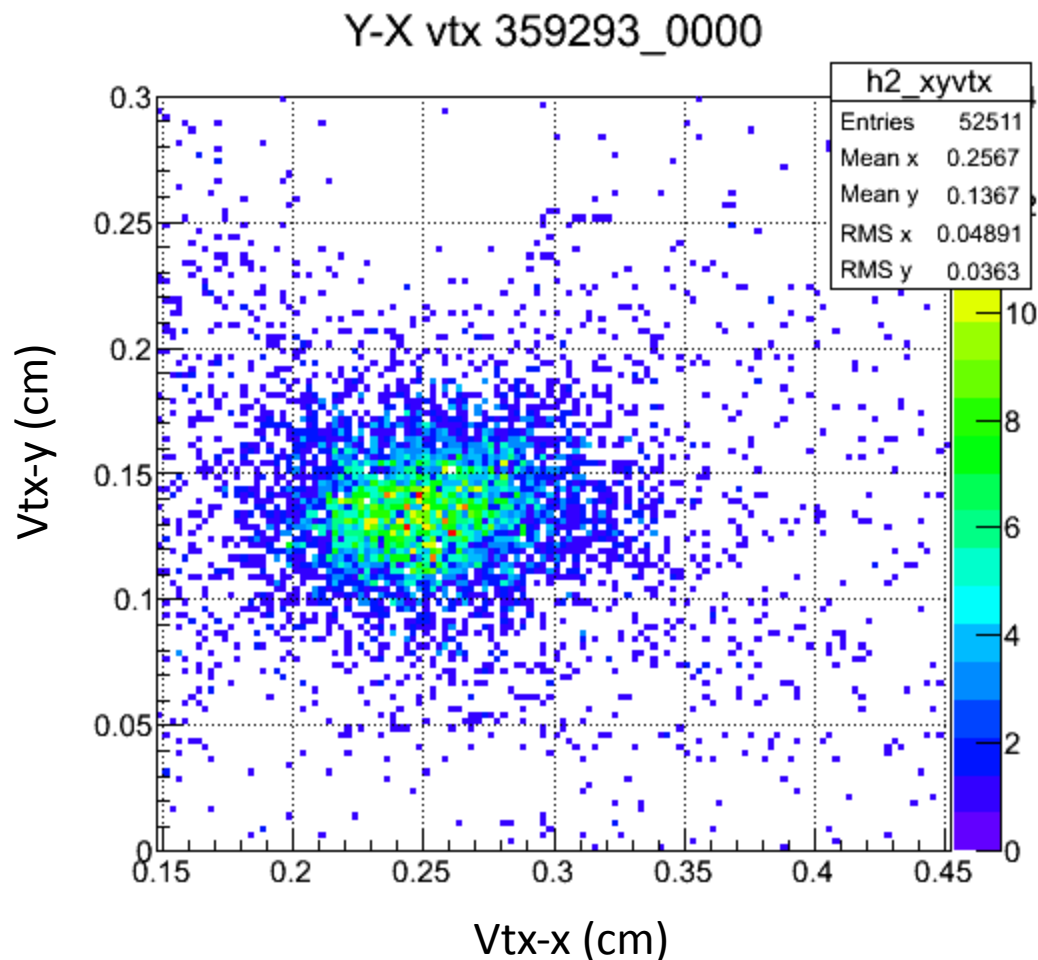
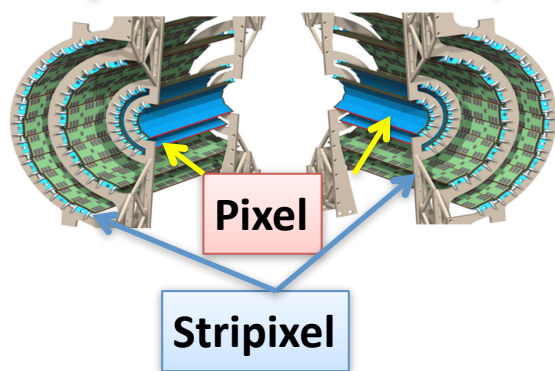
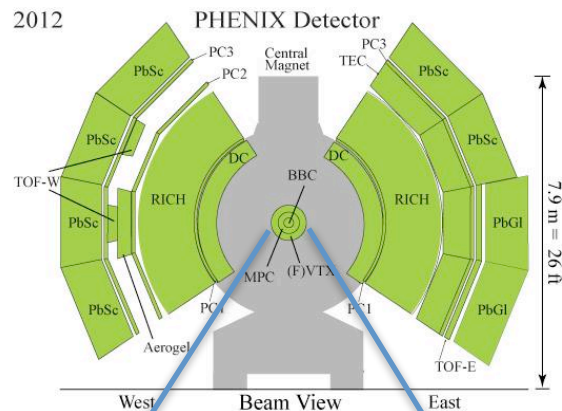
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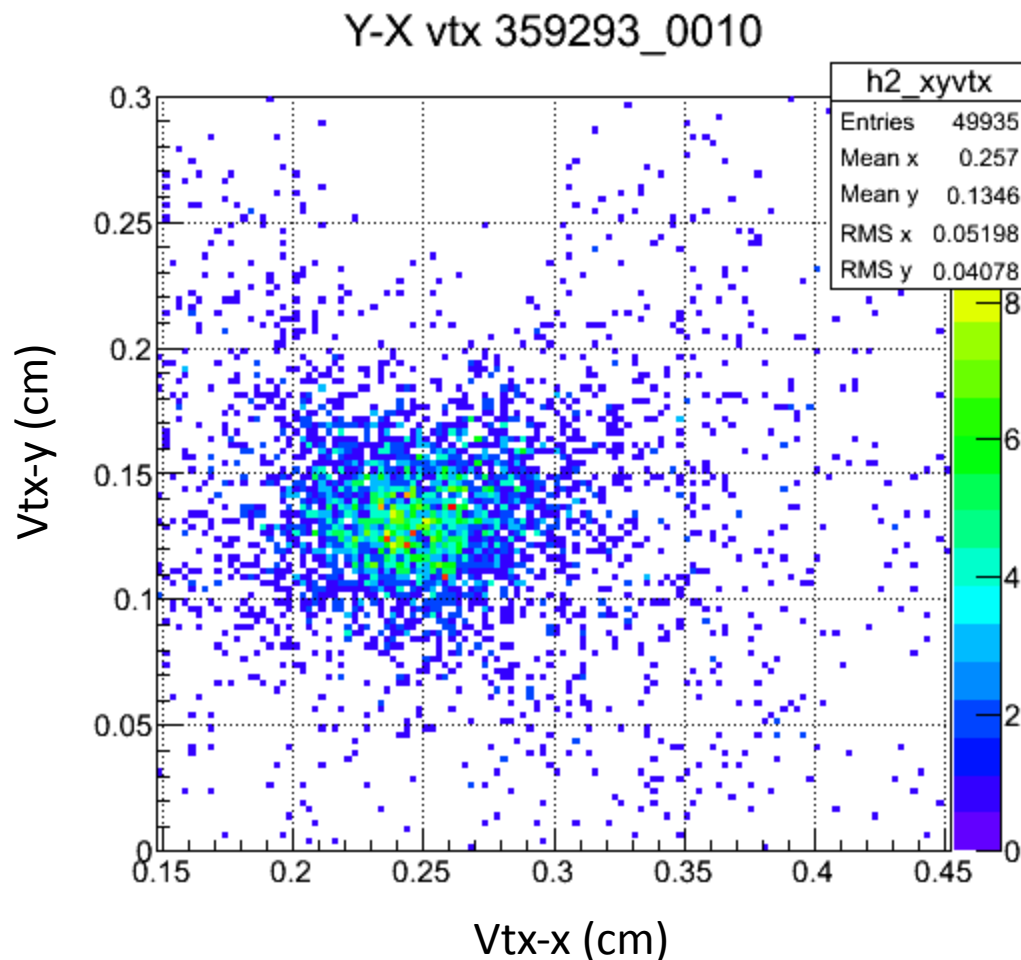
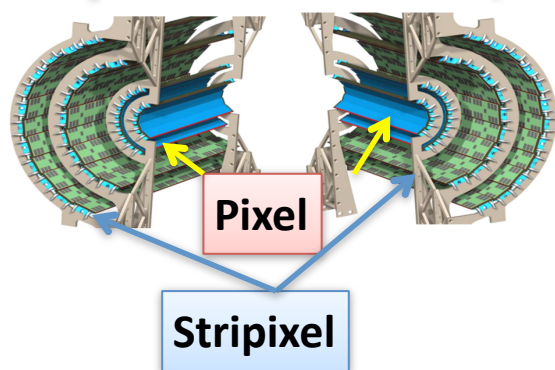
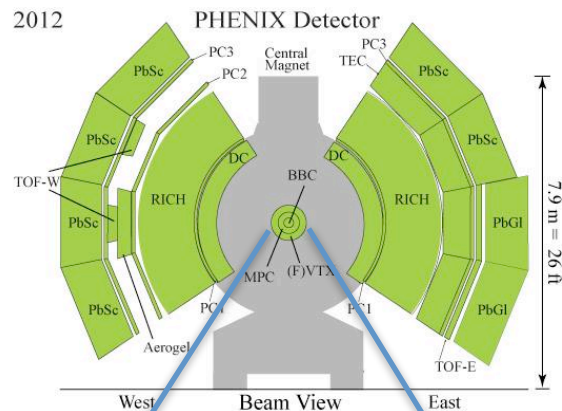
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PHENIX Muon Arms See J/ψ

