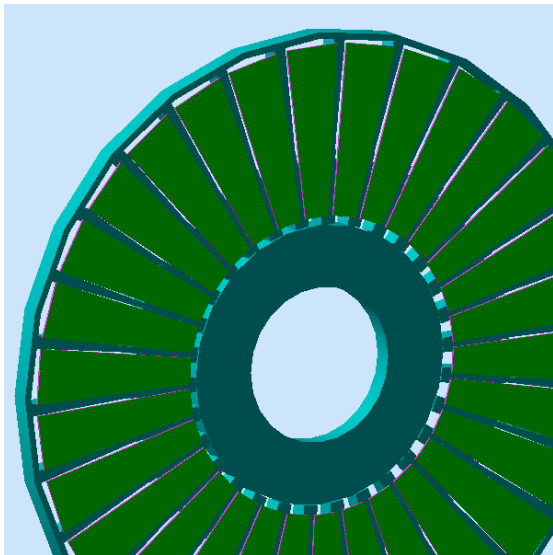


SoLID Simulation and Baffles

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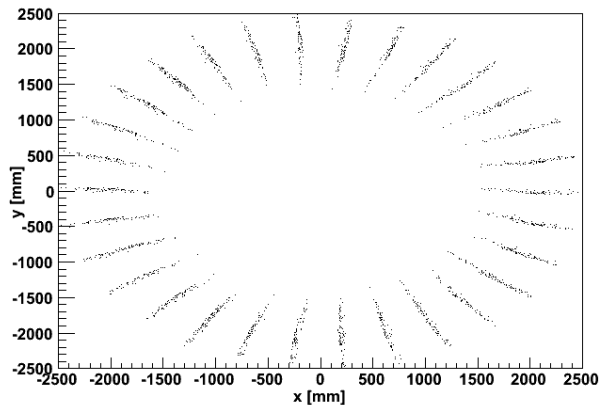
March 22, 2013

- Latest in Baffles
- Simulation
- To do list



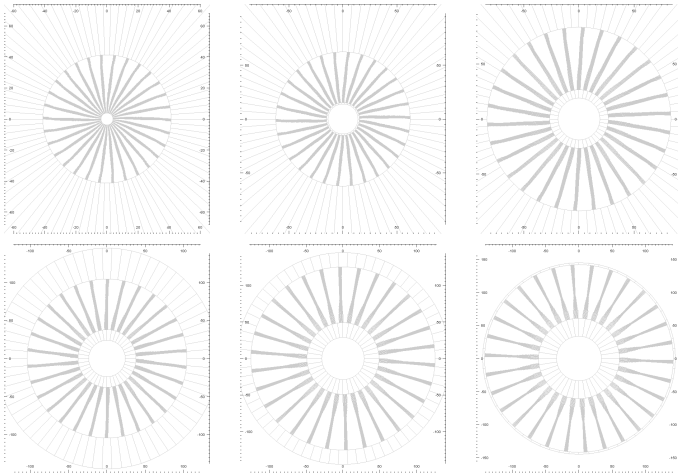
- Move all GEMs to behind baffles?

x vs. y at Calorimeter



- Still need to close off
- Acceptance loss becomes worse if GEMs are within baffles and photons need to be blocked

Baffle Profiles



- Paul Reimer working on pricing out for document

- Baffles cost analysis needs to be done - working with Paul R.
- Touching up sections on recommendations from Bob
- Move G3 to G4 comparison to appendix?

- Generators
 - Radiative effects, need to enumerate needs
 - π asymmetry
 - F_2 inelastic for lower Q^2 , resonance data - fits by Bosted on LH_2 and LD_2
 - Written, just need to be implemented
 - Hyperon decay
 - Working on with Konrad Aniol

- Supporting Ole with simulatino data/GEM digitization
- Cerenkov and calorimeter need similar framework developed
 - PID working group
- Charged flux through PMT glass in GEMC based on background rates
- Need to evaluate pileup/digitization in full background simulation
- Need to look at pion asymmetry effects in pion-sensitive detectors
- Low energy pions in Ecal and their response
- Response to electromagnetic background in calorimeter