

E02-013 Analysis Update

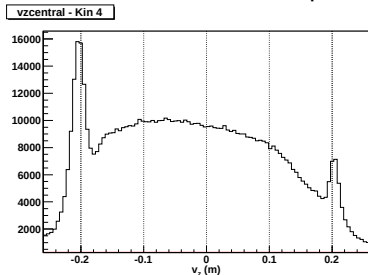
Seamus Riordan

August 12, 2009

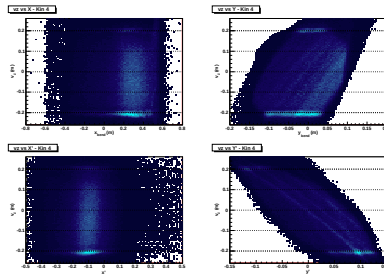
- ▶ *genbox* up and running
 - ▶ Let me know of issues or requests
- ▶ Replays Nearly Complete
 - ▶ Filling in a few holes
 - ▶ Need to do kin 2a!
 - ▶ Will scan over runs submitted to make sure everything is in
- ▶ Monte Carlo
 - ▶ Set up for Kin 2
 - ▶ Have resolution profiles from Jon
 - ▶ Need to finish p calibration before running
- ▶ Optics
 - ▶ Looked at π at endcaps
 - ▶ Need to do momentum

Vertex Calibration - Kin 4

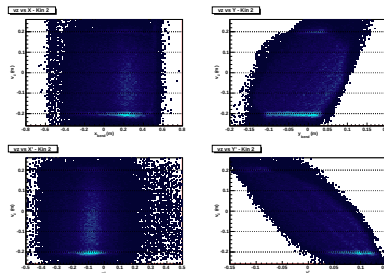
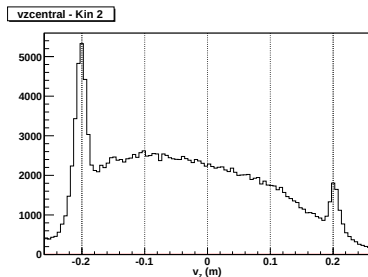
- Looked at π end cap reconstruction for Kin 4 as ref.



- Minor distortions visible

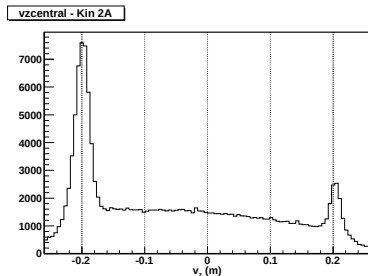


Vertex Calibration - Kin 2b

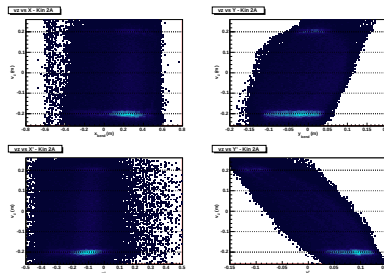


- ▶ 2b looks better than 4 (higher p than kin 4)
- ▶ Should be able to use standard optics for this period

Vertex Calibration - Kin 2A

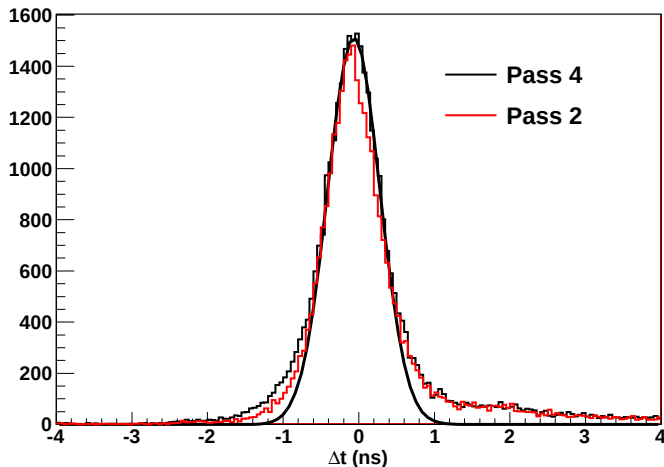


- ▶ Peak width a little wider
- ▶ Will need it's own calibration



Resolution Profile

Time for all planes



- Non-gaussian contributions to resolution

- ▶ Finalize replays - push to silo
- ▶ Finish momentum calibration, momentum corrections to v_z
- ▶ Momentum/ToF resolution profile deconvolution