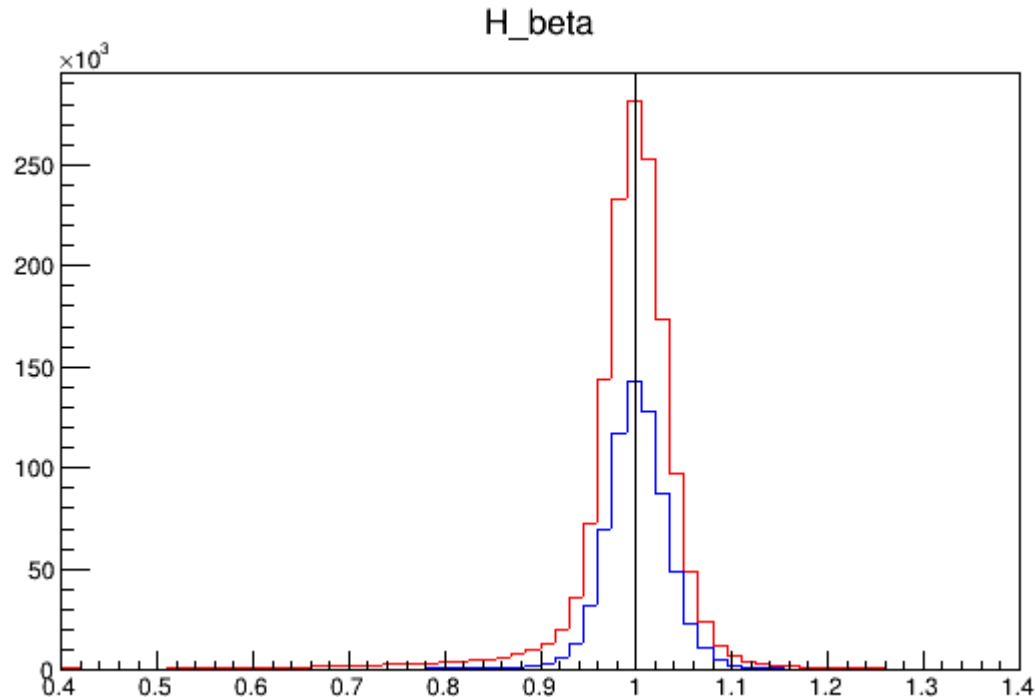
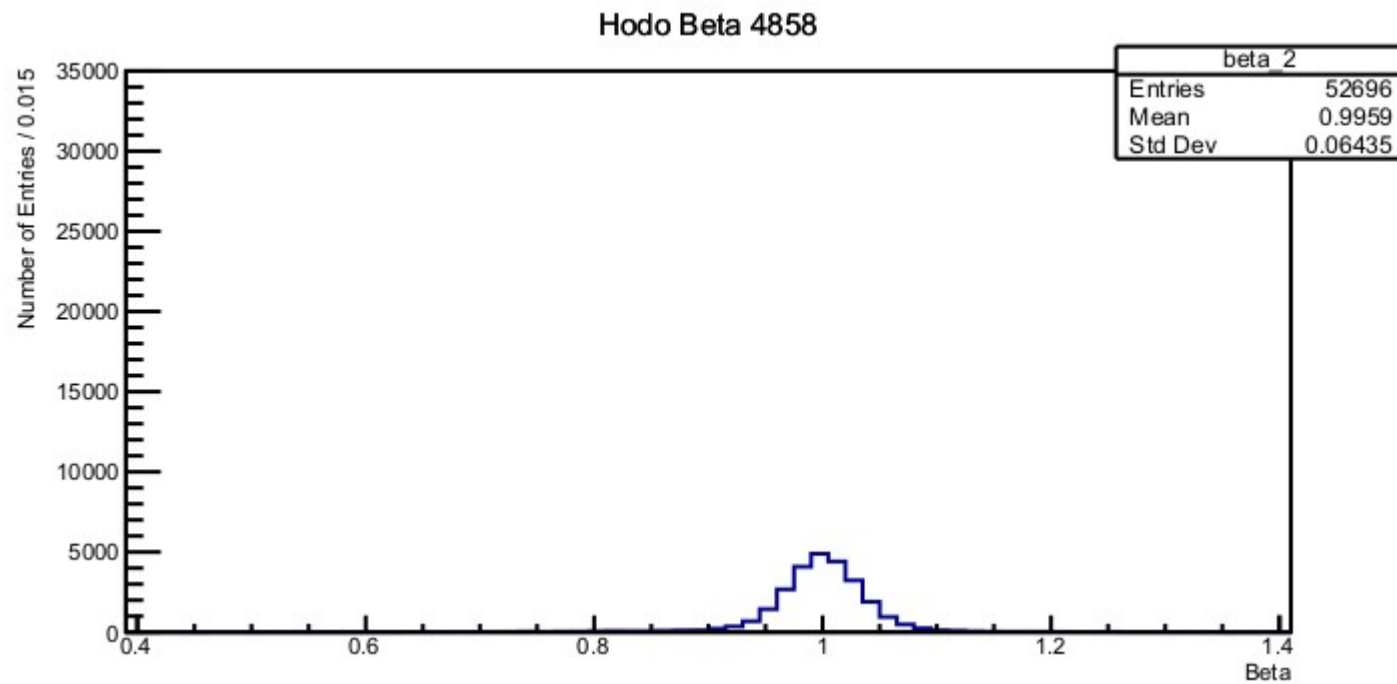


HMS Hodoscope Calibration

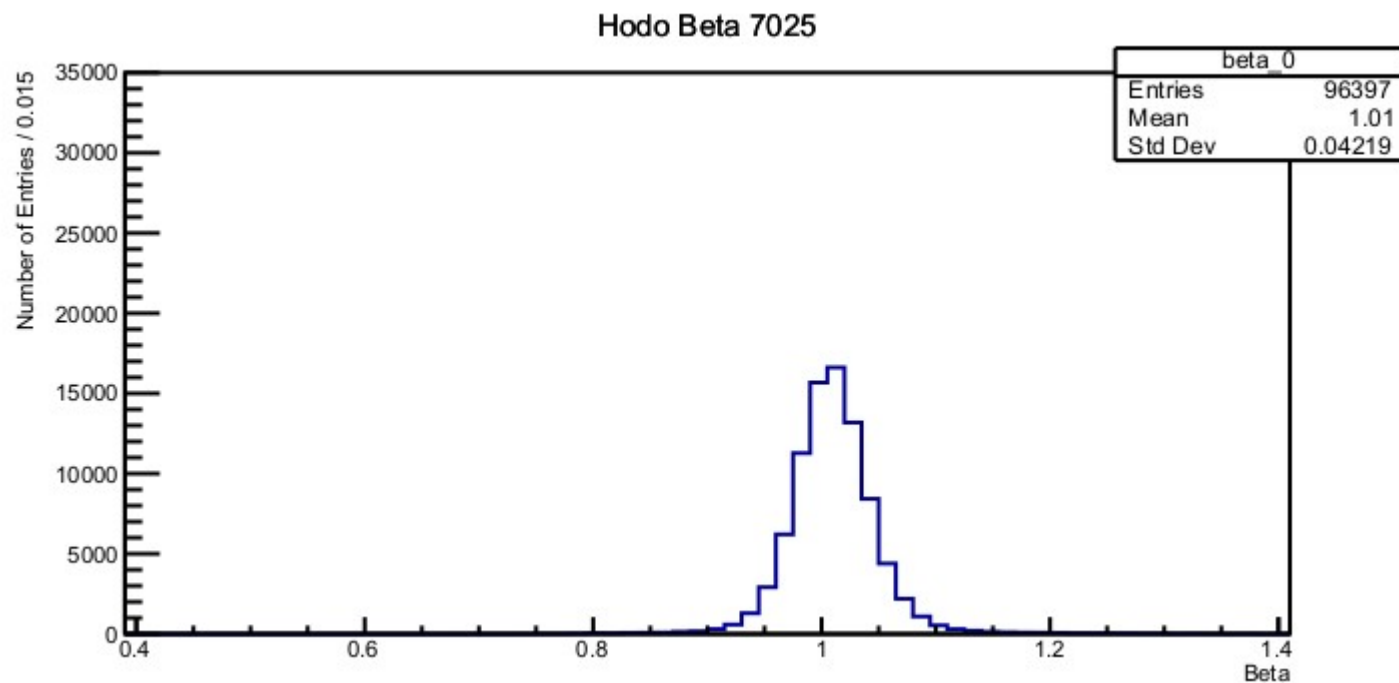
- Calibrated HMS hodoscope using run 4889, type K+3.0 ,Ebeam 10.59
- Used this calibration to replay the runs on the next slides for a 100 000 events



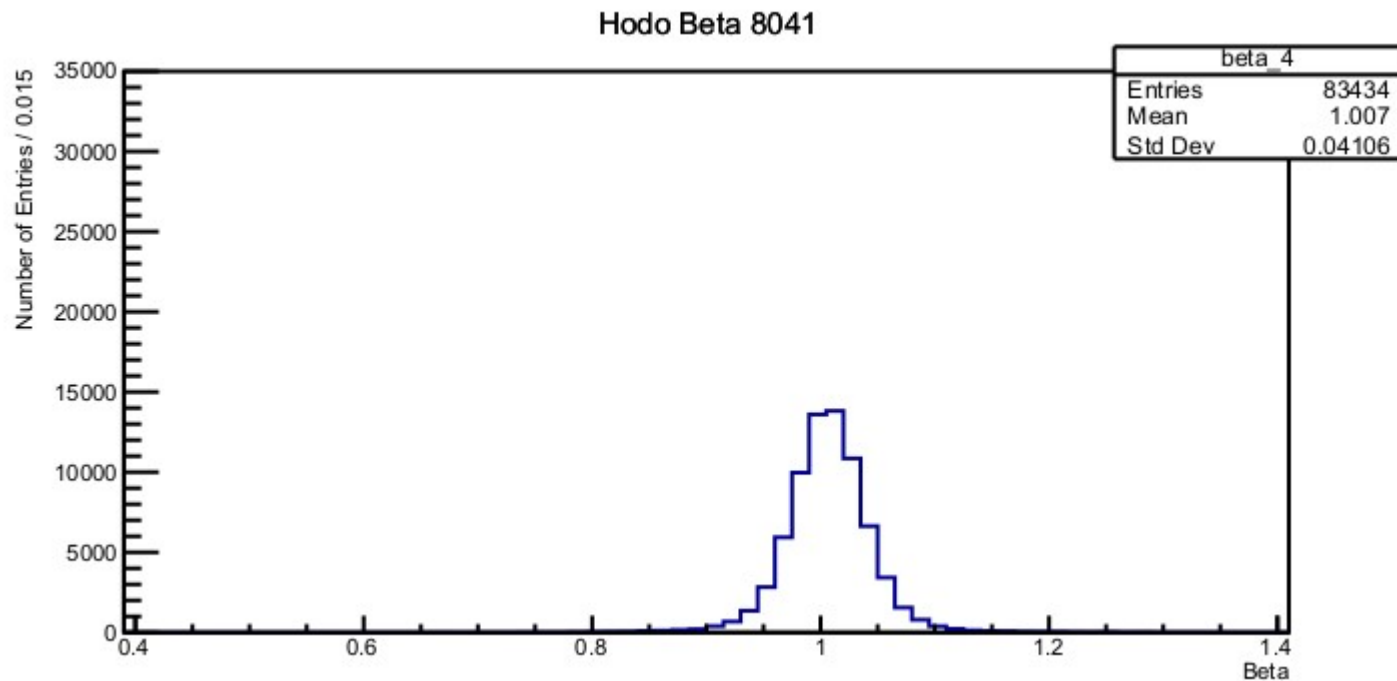
Run 4858, type HeepC, Ebeam 10.59



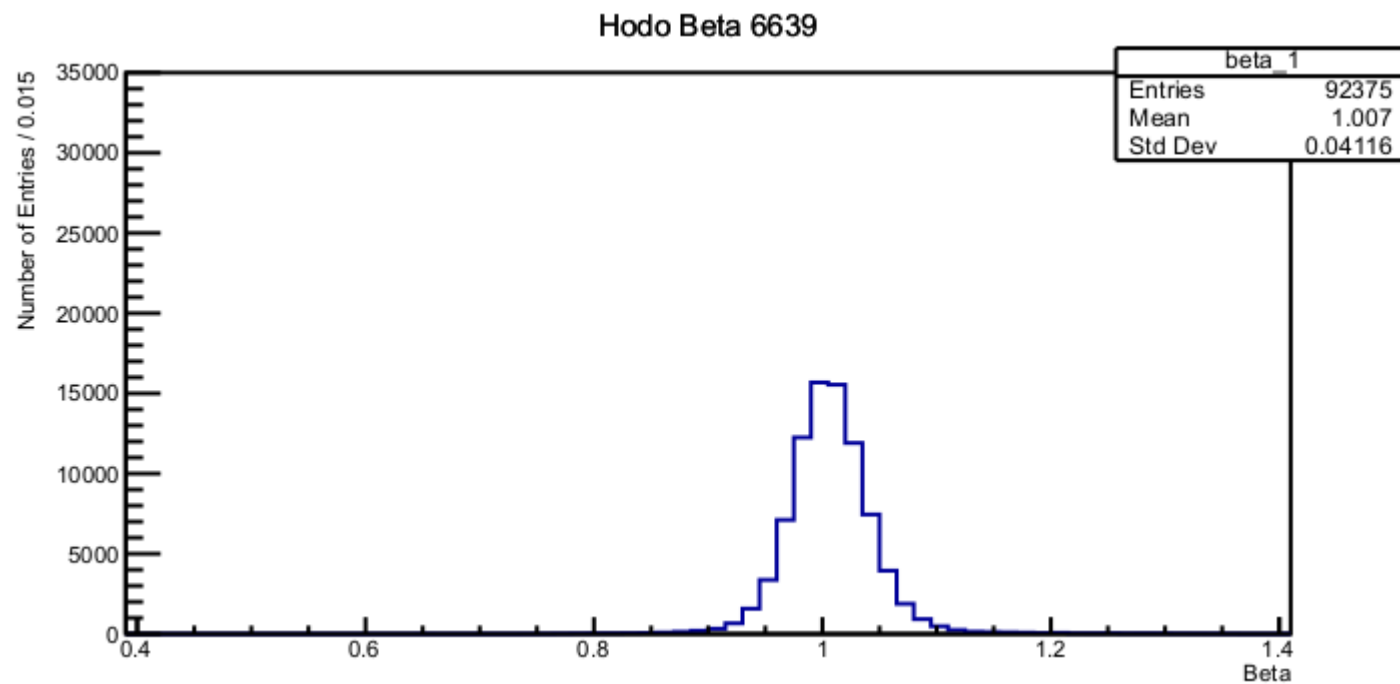
Run 7025, type Prod, Ebeam 4.933



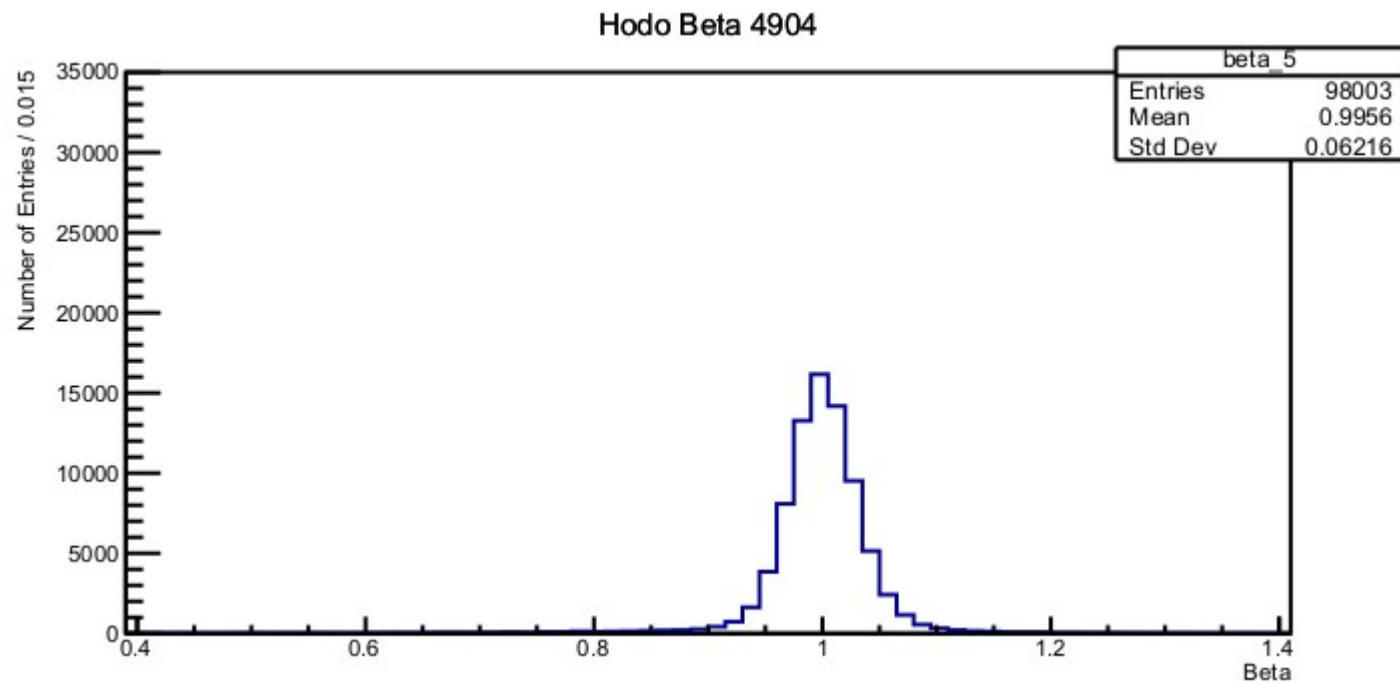
Run 8041, type HeepC, Ebeam 8.2



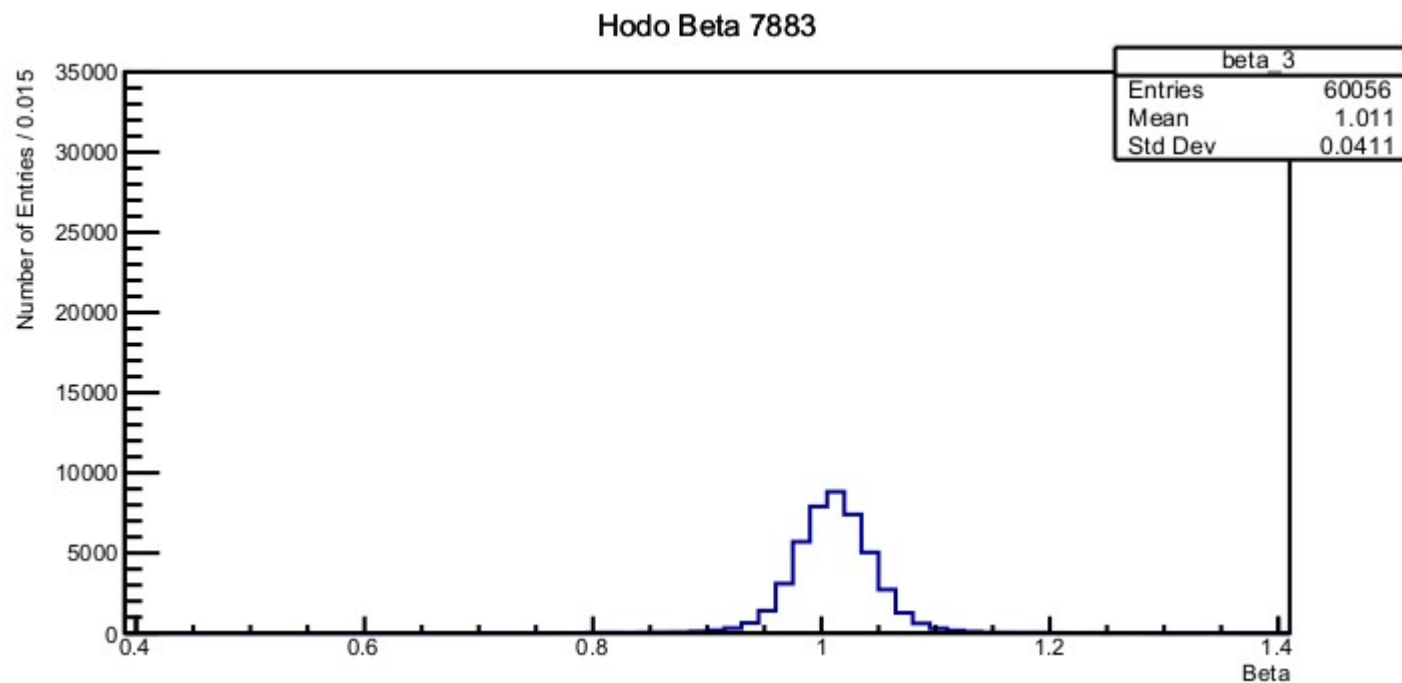
Run 6639, type Prod, Ebeam 3.835



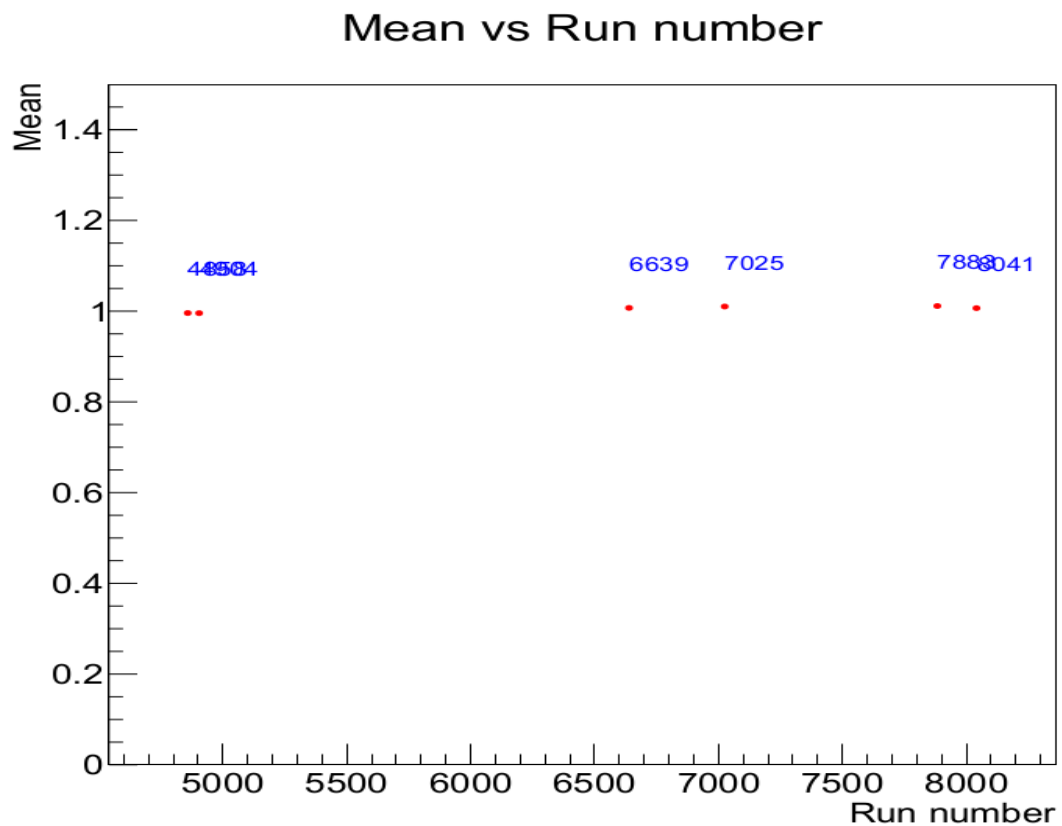
Run 4904, type Prod, Ebeam 10.2



Run 7883, type Prod, Ebeam 6.2



Plot of mean for all runs against run number



Observation & Questions

- Mean of beta for runs with different kinematics is centered close to one
- Is the standard deviation error acceptable?
- If so is the calibration good for the entire run?
- Do further texting, recalibrate for one of the runs and see how the results change across the board