

overview of the data analysis

- ▶ B_z vs. z is an indicator of field uniformity near the endcap
- ▶ simulated setup (RotationShield, M. Mendenhall) to get expected field profile
- ▶ measured field profile with a 3-axis probe on a 3-axis stepper motor (controlled with LabView)
- ▶ configurations:
 1. axial normal, endcap normal
 2. axial SC, endcap normal
 3. axial SC, endcap SC
- ▶ identified systematic errors and applied relevant corrections (plotter)
- ▶ compared with expected field profiles (plotter)