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 systemic errors and applied relevant corrections (`plotter`)
- compared with expected field profiles (`plotter`)

Mendenhall, M. P. Source code: `RotationShield`. ⟨https://github.com/mpmendenhall/rotationshield⟩ (2014)
Biswas, A. Source code: `plotter`. ⟨https://github.com/xerebus/nedm⟩ (2014)