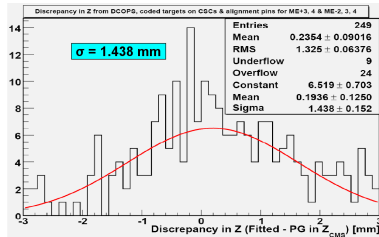
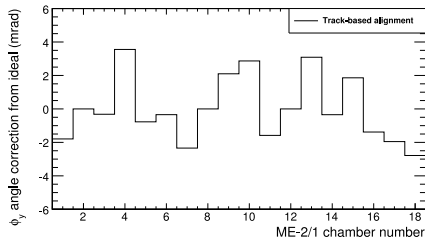


CSC Misalignment Scenario

Jim Pivarski 7/9



- ✗ Chambers relative to disks: photogrammetry, 0.3 mm isotropic, 0.15 mrad ϕ_z rotations (from pins and length of chambers)
- ✗ 2.3mrad ϕ_y rotations observed in beam-halo tracks



- ✗ Disk-bending(z and ϕ_x): 1.438 mm and 0.57 mrad uncertainty from agreement between DCOPS and photogrammetry at 0T
- ✗ Disk position/rotation: 0.5 mm and 0.1mrad (after track alignment)

Conclusion: still representative

<http://indico.cern.ch/contributionDisplay.py?contribId=6&confId=59976>