

Discussion: Run 24 Beam Polarization

- BUR 22-25, 23-25:
 - Requested vertical polarization alignment for Run 24.
 - Simulation studies found some potential advantages of using radial polarization.
 - Decided to proceed with the vertical alignment for the last pp run (Run 24).
- Case for vertical alignment
 - Familiar setup, presumably easier for the accelerator.
 - Better FoM for inclusive π^0 , charged hadron, jet-AN in the forward region.
- Case for radial alignment
 - pp 200 GeV will not be as demanding for the accelerator as 500 GeV.
 - Better FoM for di-jet Sivers
 - Smaller systematics in the Collins asymmetries in the forward region.

