An Over View of the Measurements made on P0Dule 1, 2, 3, & 4

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Purpose

• To ensure the P0dules are within production tolerances
Procedure

- Measurements were made by marking off a long straight bar at 0, 10, 30, 50, 70, 90, 110, 130, 150, 170, 190, 210, and 220 cm.
- The bar was then lightly clamped to the P0Dule using the holes along the y-axis of the P0Dule as a reference point.
- Measurements were made at every point on the bar for each of the seven holes.
Results

- All contour maps were made in ROOT
- A positive quantity, +X, means the P0Dule is +X mm thicker than nominal at that point
- Nominal is taken to be the PVC rails thickness (38.75 mm)
P0Dule 1 & 2
P0Dule's 1 & 2
Deviation from Nominal Thickness
P0Dule 3 & 4

PODule 3 & 4 Upstream

PODule 3 & 4 Downstream
P0Dule's 3 & 4
Deviation from Nominal Thickness
Questions?