

MPGD Parameters Overview: Tags 22.10-22.11

MPGD Barrel

- epic/compact/tracking/mpgd_barrel.xml
- $R = 55 \text{ cm}$, $L = 230 \text{ cm}$, $\sim 0.5\% X/X_0$
- Resolution $150 \text{ }\mu\text{m}$
- Will enter track reconstruction

Arches

- MPGD Barrel
- MPGD DIRC

Bryce Canyon

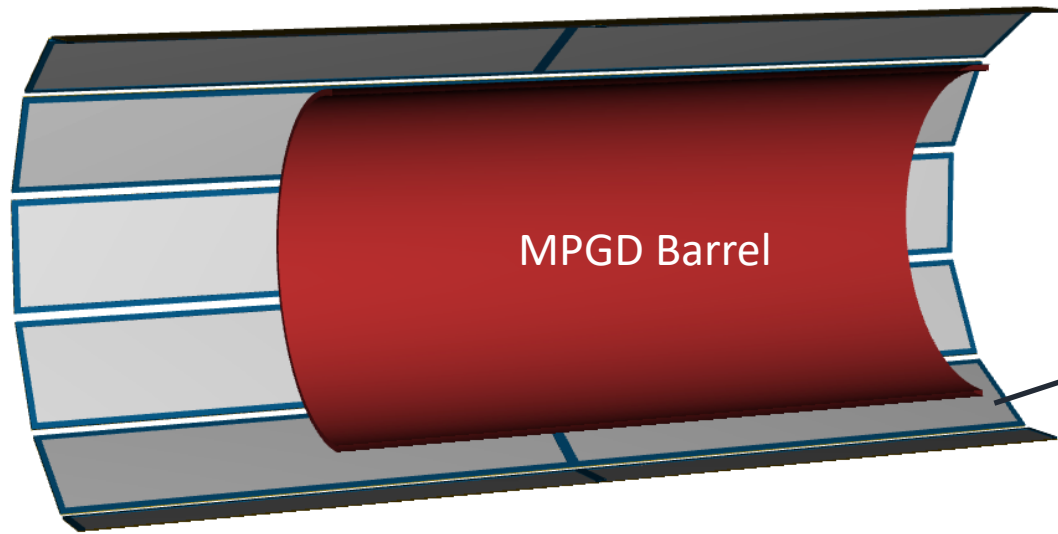
- MPGD Barrel

MPGD DIRC

- epic/compact/tracking/mpgd_dirc.xml
- $R = 73 \text{ cm}$ $L = 342 \text{ cm}$, $\sim 2\% X/X_0$
- $z_{\min} = -197 \text{ cm}$, $z_{\max} = 145 \text{ cm}$
- Resolution $150 \text{ }\mu\text{m}$
- Consists of 24 rectangular tiles with 2 cm wide frames
- Will not enter track reconstruction for this campaign

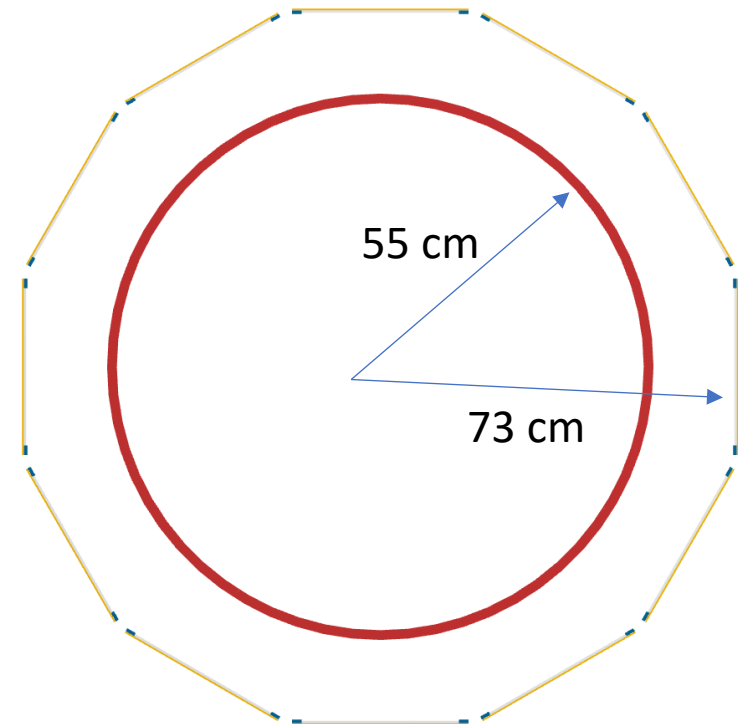
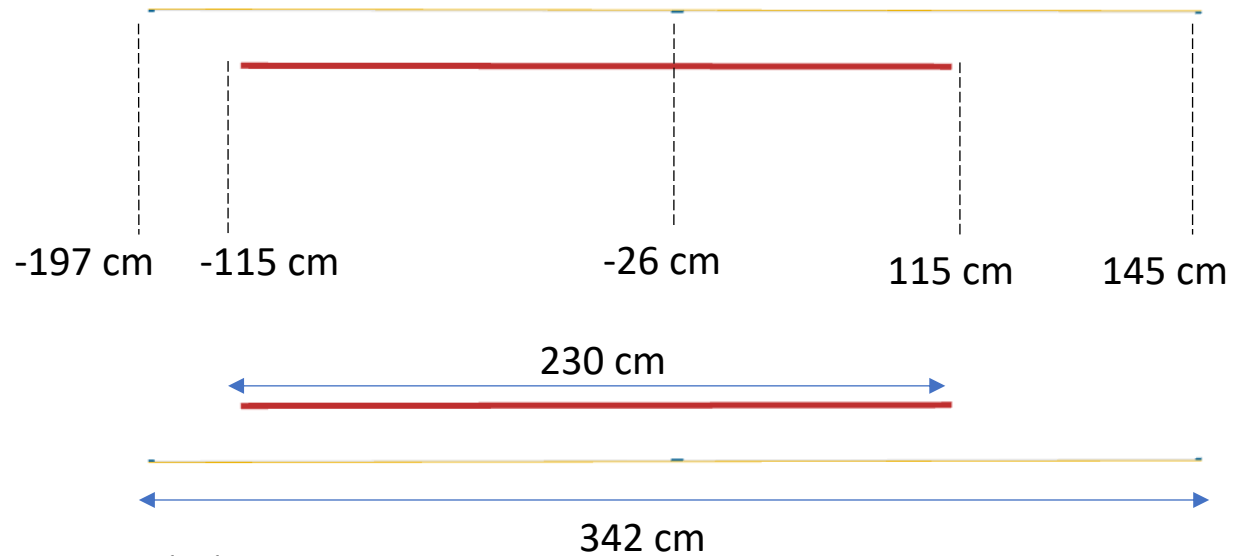
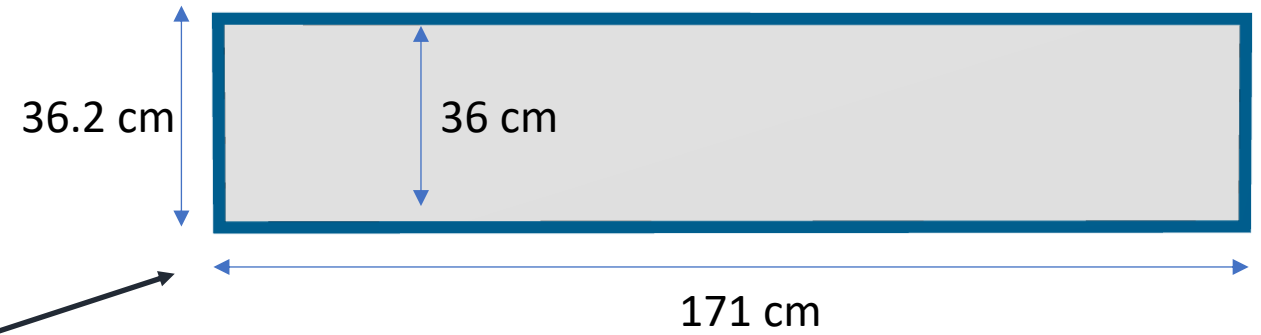
MPGD Layout

MPGD DIRC



MPGD Barrel

MPGD DIRC Tile



Arches: MPGDs (22.10)

