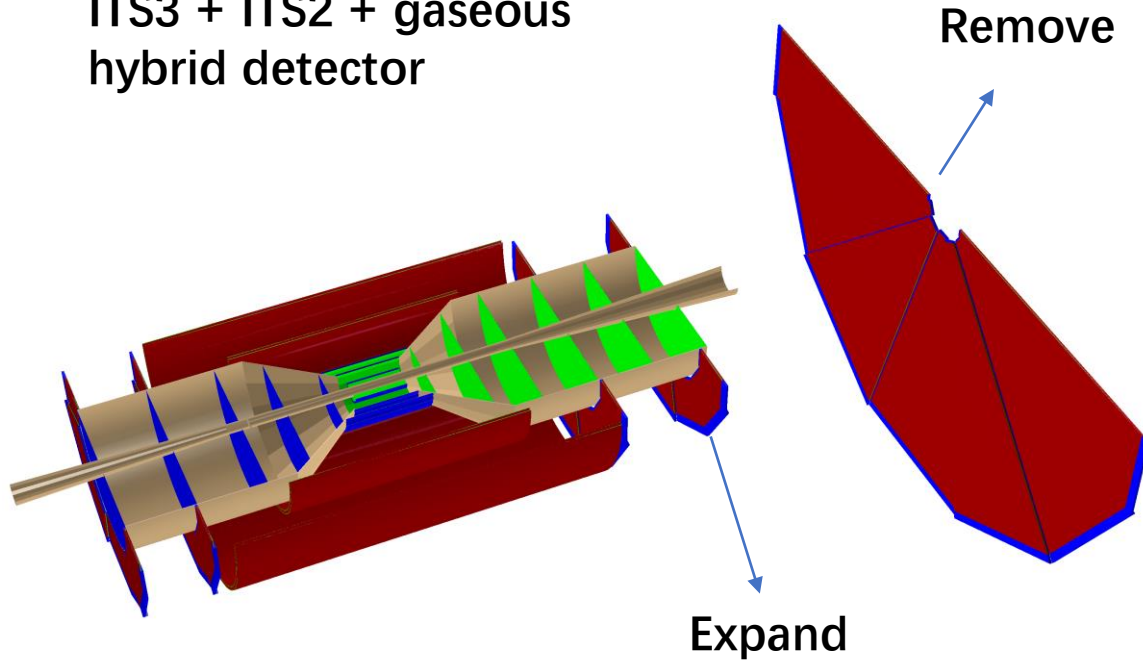


EicC vertex & tracking detector performance

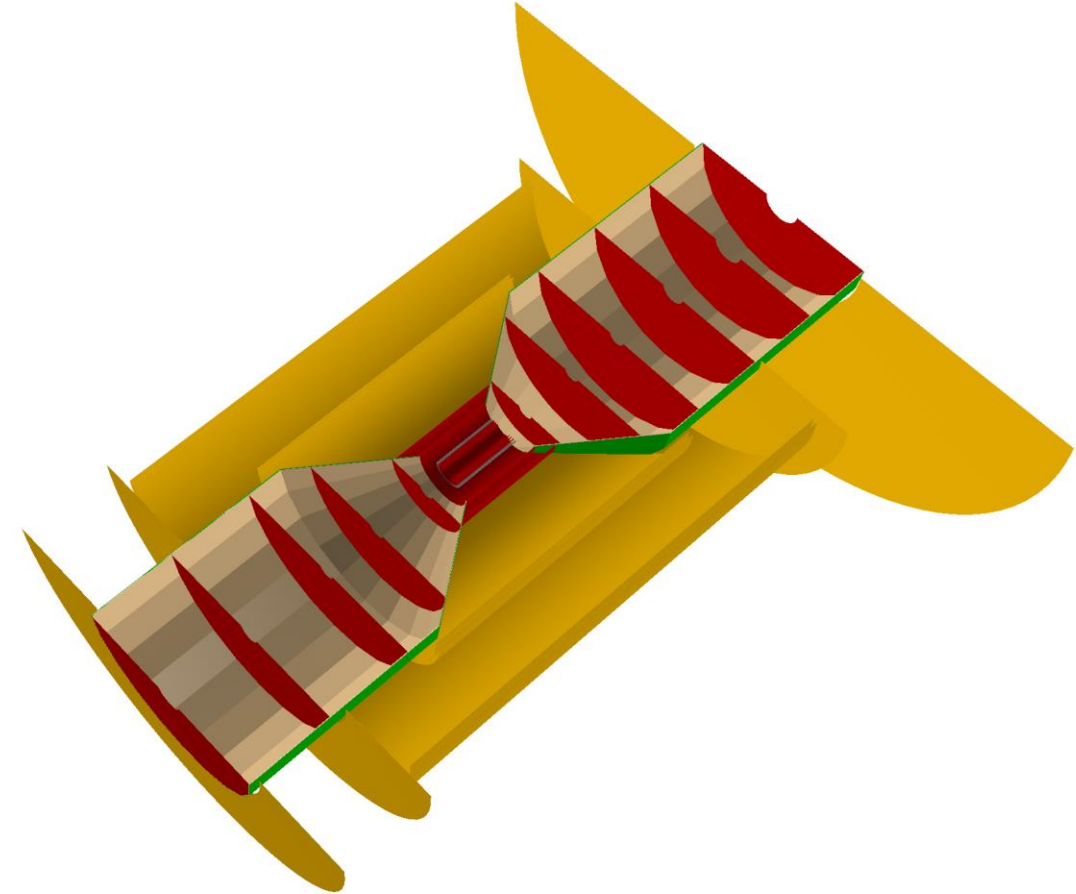
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New Design

ITS3 + ITS2 + gaseous hybrid detector

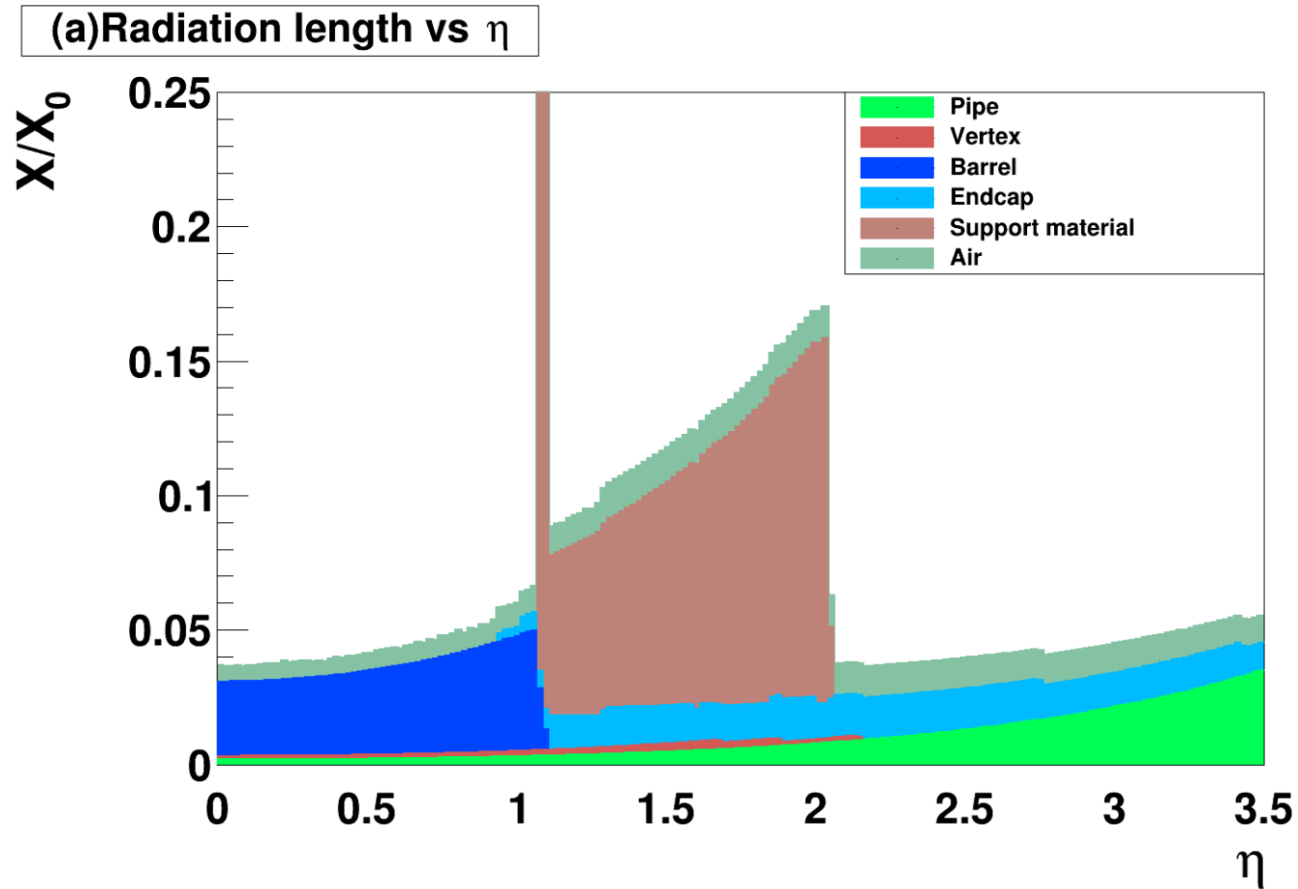


Simplified Geometry of New Design



Case 1: ITS2,ITS3 10 um pixel pitch
Case 2: ITS2 25 um pixel pitch
ITS3 10 um pixel pitch

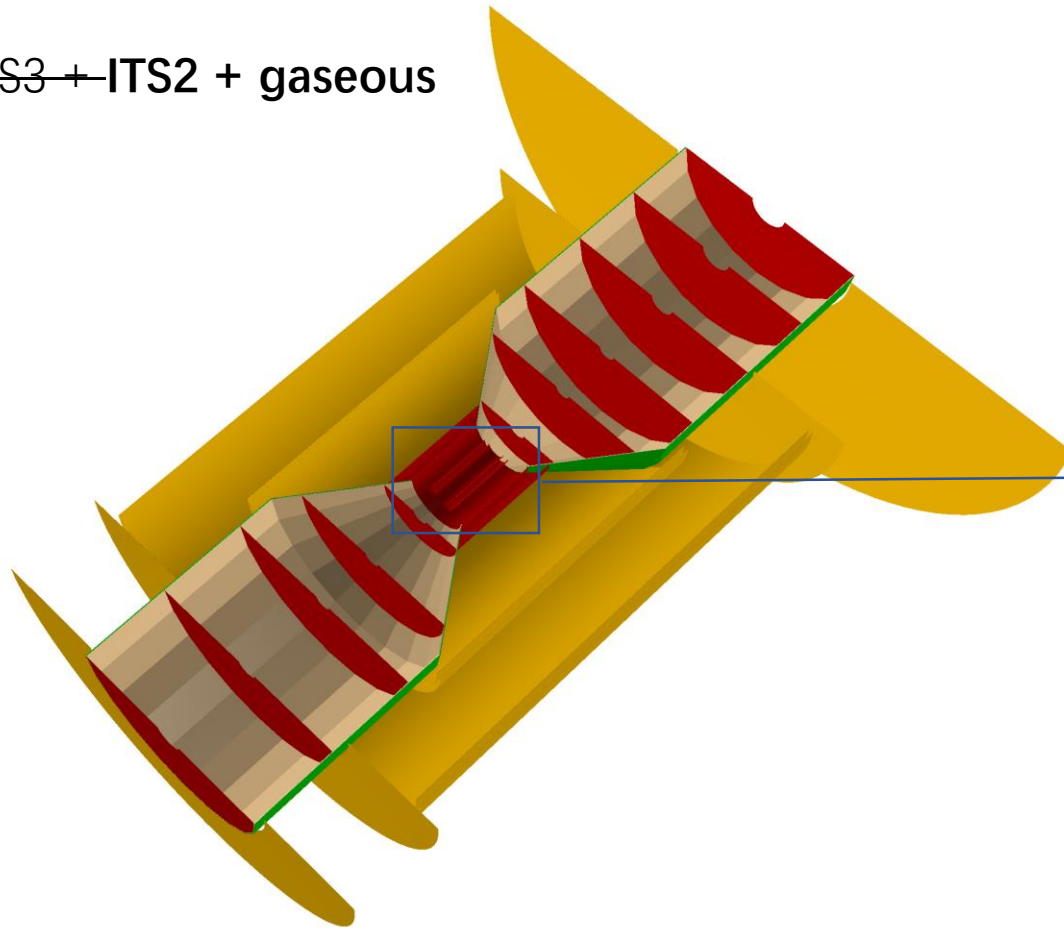
Material budget of New Design



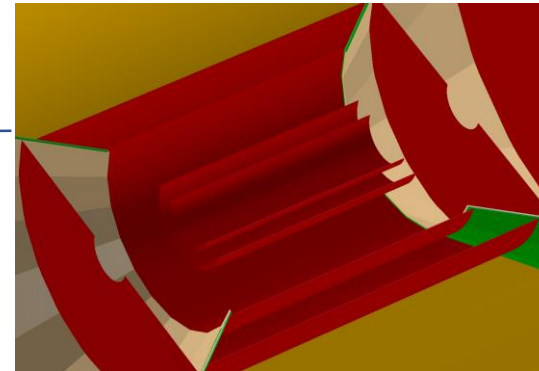
New Design V2

Simplified Geometry of New Design V2

~~ITS3~~ + ITS2 + gaseous

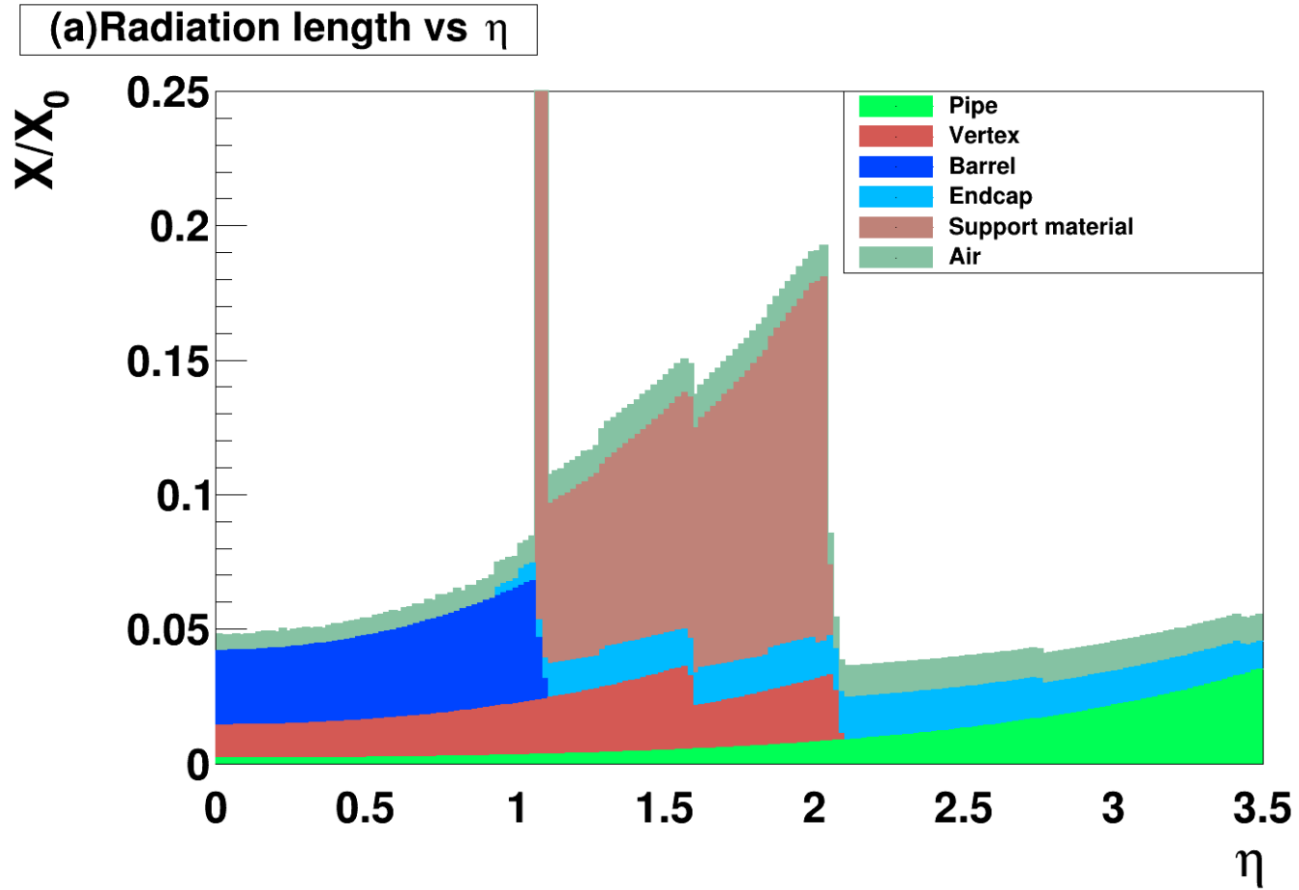


Vertex detector
3 Layers of ITS3 -> 2 Layers of ITS2



Case 3: ITS2 25 um pixel pitch

Material budget of New Design V2



Detector performance

