PROGRESS REPORT

tkLayout developers meeting

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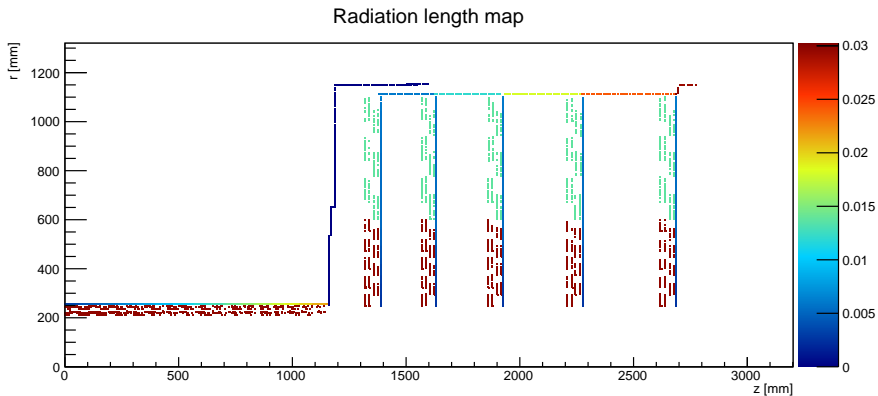
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Radiation length map

Destination definition (TechnicalProposal2014_Types.cfg)

```
Barrel TIB {
  @includestd ModuleTypes/ptPS
  @includestd Materials/ptPS
  @includestd Materials/rodPtPS
  @includestd Conversions/flange
  @includestd Conversions/endcap1
  Layer 1 {
    destination endcap1
```

Station definition (Conversions/endcap1)

```
Station {
  stationName endcap1
  type endcap
  minZ 1500
  maxZ 1600
  Conversion {
```

- ✓ Debug keyword debugInactivate
- ✓ Implemented debug grams plot integrated in ϕ (still no visualization, only orthogonal elements)
- ✓ Next steps:
    - Focus on pixels (strange bug to be corrected, finish config file conversion)
    - Test of tilted pixels material routing (hopefully working)
    - Support rings
    - Optimization of service sections class (if time)