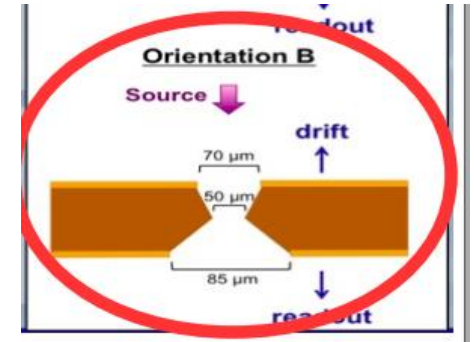
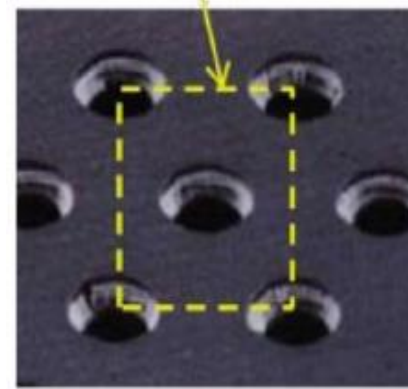


Update since last time

- Implement holes on GemFoil
- Fix the Gap_D and radius of each layer in dat file

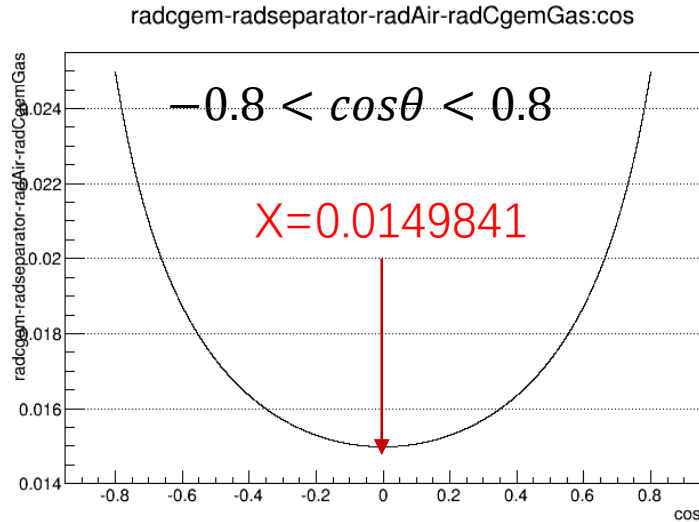


```

***** Layer *****
N_CgemLayer N_GemFoil_perLayer
      3      3
***** CgemLayer (mm) (Baseline:R_in_Cathode)***** Drift gap (mm) **
R_Layer L_Layer N_Sheet W_Sheet A_Stero W_Pitch_X W_Pitch_V W_Strip_X W_Strip_V N_Channel_Phi N_Channel_V Phi_start1 Phi_start2 dX_Strip_start1 dX_Strip_start2 dV_start1 dV_start2 Gap_D Orientation
76.915 532 1 565.32 46.6877 0.660 0.660 0.580 0.130 856 1173 -3.14159265 0. 0.407 0 0.559 0 5.149 0
119.415 690 2 416.06 -31.0337 0.660 0.660 0.580 0.130 1260 2154 -3.14159265 0. 0.32 0.32 0.34 0.34 4.945 0
61.915 847 2 549.56 32.9244 0.660 0.660 0.580 0.130 1664 2790 -3.14159265 0. 0.415 0.415 0.694 0.694 5.132 0
***** Thickness of Cathode1-3 1.936[1.883+0.053] (mm) 2.140[2.085+0.055] (mm) 1.953[1.9+0.053] (mm) ***** // [inside -> outside]
N_materials Cu1 Kapton1 Carbonf Epoxy1 Honeycomb Rohacell1 Epoxy2 Kapton2 Epoxy3 Rohacell2 Epoxy4 Kapton3 Cu2
7 0.003 0.050 0 0.015 1.8 0 0.015 0.050 0 0 0 0 0.003
10 0 0.0125 0 0.015 0 1 0.015 0.0125 0.015 1 0.015 0.050 0.005
6 0 0 0.070 0.015 1.8 0 0.015 0.050 0 0 0 0 0.003
***** Thickness of Other Gaps1-3 (mm)*****
Gap_T1 Gap_T2 Gap_I
1.940 1.940 1.940
1.940 1.940 1.940
1.940 1.940 1.940
***** GemFoill-3 0.06 (mm)*****
N_materials Cu1 Kapton Cu2 R_i_hole R_o1_hole R_o2_hole L_hole
3 0.005 0.05 0.005 0.025 0.035 0.0425 0.14
3 0.005 0.05 0.005 0.025 0.035 0.0425 0.14
3 0.005 0.05 0.005 0.025 0.035 0.0425 0.14
    
```

Update results of X(only CGEM) [with holes]

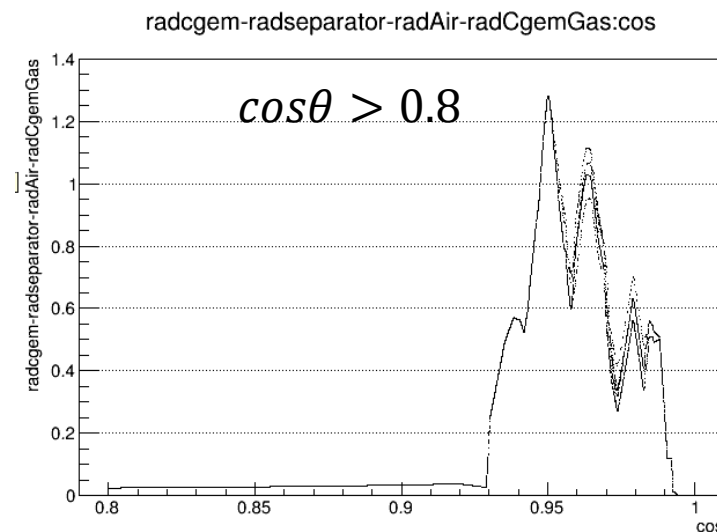
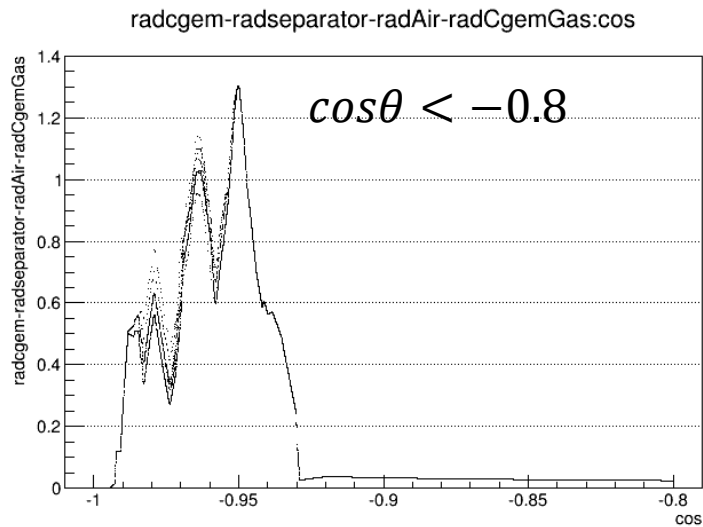
Barrel



- ✓ CGEMBOSS 6.6.5.f
 - ✓ Effective density: off
 - ✓ Create Holes: on
- $X(\text{eff})=0.0147$

CGEM

Endcap



Update results of X [holes]

