

Cluster size (strips)

Preliminary

**Double gap glass RPC prototype
in GIF++ μ test beams**

CMS gas mixture : 95.2% TFE, 4.5% C_4H_{10} , 0.3% SF_6

Threshold ≈ 0.15 pC

Estimated sensitivity of 6.2 hits/1000 γ

Estimated converted γ rate

● **Source Off**

▼ ≈ 0.6 kHz/cm²

■ ≈ 1.4 kHz/cm²

▲ ≈ 3 kHz/cm²

