

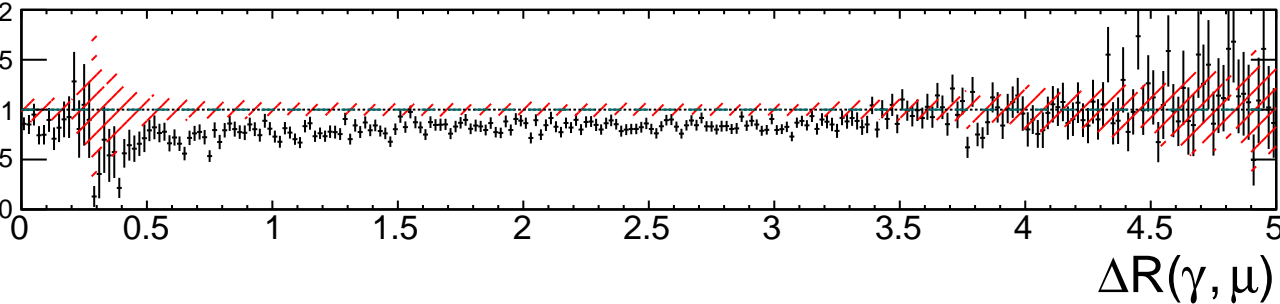
$\mu^+\mu^-, \geq 2 \text{ jets}, \geq 1 \text{ btag}, \geq 1 \gamma$ $\sqrt{s} = 8 \text{ TeV},$ $\int \mathcal{L} dt = 19.7 \text{ fb}^{-1}$ **CMS Preliminary**

Number of Events

800
700
600
500
400
300
200
100
0

- +— 2012 data
- $t\bar{t} + \gamma$
- $t\bar{t} 0l$
- $t\bar{t} 1l$
- $t\bar{t} 2l$
- Single Top
- Z+Jets
- Z+ γ
- WW/ZZ/WZ
- W+Jets
- W+ γ
- QCD

data/MC

2
1.5
1
0.5
0 $\Delta R(\gamma, \mu)$