

Number of Events

e^+e^- , ≥ 2 jets, ≥ 1 btag $\geq 1 \gamma$

$\sqrt{s} = 8$ TeV,

$\mathcal{L}_{\text{int}} = 19.7 \text{ fb}^{-1}$

CMS Preliminary

0.1
0.08
0.06
0.04
0.02
0

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

0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5
 $\Delta R(\gamma, \mu)$

