

$e\mu, \geq 2 \text{ jets}, \geq 1 \text{ btag}, \geq 1 \gamma$ $\sqrt{s} = 8 \text{ TeV},$ $\mathcal{L}_{\text{int}} = 19.7 \text{ fb}^{-1}$

Number of Events

CMS Preliminary

90000
80000
70000
60000
50000
40000
30000
20000
10000
0

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

0 0.005 0.01 0.015 0.02 0.025 0.03 0.035 0.04 0.045 0.05

H/E