

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

Number of Events

CMS Preliminary30000
25000
20000
15000
10000
5000
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

0

20

40

60

80

100

120

SCFR Photon Iso (barrel)