

Number of Events

$\mu\mu, \geq 2 \text{ jets}, \geq 1 \text{ btags}, \geq 1 \gamma$

$\sqrt{s}=8 \text{ TeV}, \text{ Ldt}=19.7 \text{ fb}^{-1}$

**CMS Preliminary**

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

PFChargedHadronIso(barrel)