

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

$\sqrt{s}=8 \text{ TeV}, \int \mathcal{L} dt=19.7 \text{ fb}^{-1}$

Number of Events

GMS Preliminary

10^3

10^2

10

+ 2012 data

$t\bar{t}+\gamma$

$t\bar{t}$

Single Top

Z+Jets

WW/ZZ/WZ

W+Jets

QCD

-3

-2

-1

0

1

2

3

all jet ϕ

