

$\mu\mu, \geq 2 \text{ jets}, \geq 1 \text{ b-tags}, \geq 1 \gamma$  CMS Preliminary, L = 19.584 fb<sup>-1</sup>

Number of Events

data/MC

1000  
800  
600  
400  
200  
0

1.8  
1.6  
1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0

- 2012 data
- $t\bar{t}\gamma$
- $t\bar{t}$
- Single-t
- anti-single-tW
- DYJetsToLL
- DYJetsToLL
- w+jets

$\sigma\eta\eta_{\text{endcap}}$

data/MC

1.8  
1.6  
1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0