

$\sqrt{s}=8$ TeV, $L_{dt}=19.7$ fb $^{-1}$

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

— 2012 data


 $t\bar{t}+\gamma$

tt oi

tt̄ 11

tt̄ 21

 **Single Top**

 **Z+Jets**

WW/ZZ/WZ

 **W+Jets**

QCD

Number of Events

$\sigma_{in}(\text{endcap})$	$\Delta E/E_0$
0.005	0.0008
0.010	0.0006
0.015	0.0004
0.020	0.0003
0.025	0.0002
0.030	0.0001