

CMS Internal

 $\sqrt{s} = 8 \text{ TeV}, L = 19.5 \text{ fb}^{-1}$ 

Yield

Cut & count, T2bw,  $x=0.25$ 

0 b-tag Control Region

 $M_T$  tail

—●— data

1l top

 $t\bar{t} \rightarrow l^+\bar{l}^-$ 

W+jets

rare

 $10^2$ 

10

data/SM

1.5

1

0.5

Off-shell

Low masses

High masses

