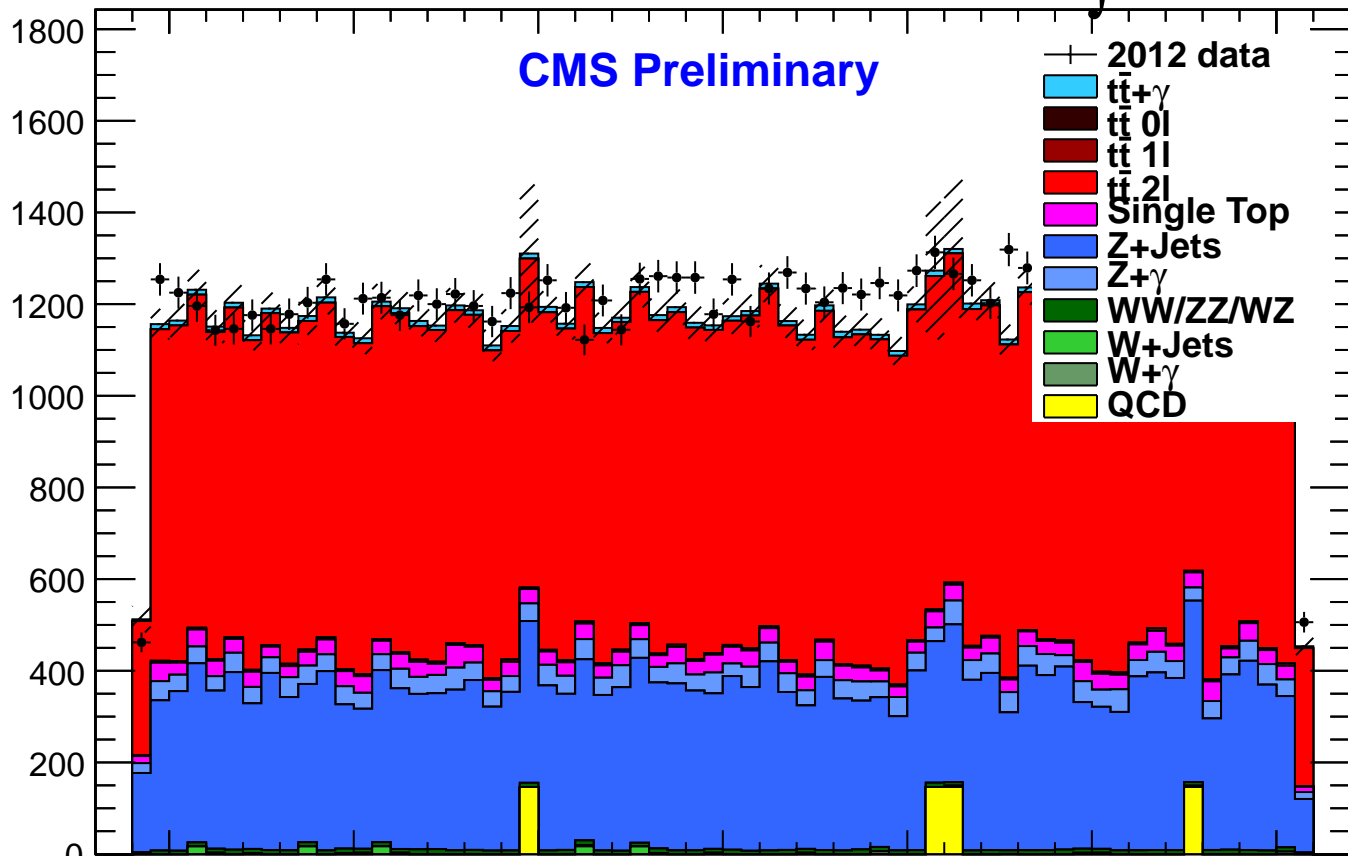


$$\int \mathcal{L} dt = 19.7 \text{ fb}^{-1}$$

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



all jet  $\phi$

## Number of Events

data/MC