

**ATLAS+CMS Preliminary****LHCtopwg**

May 2017

Data 2012,  $\sqrt{s} = 8$  TeV,  $m_{\text{top}} = 172.5$  GeV

- ..... NLO (MCFM),  
PDF4LHC (MSTW2008, CT10, NNPDF2.3)
- scale uncertainty
- scale  $\oplus$  PDF  $\oplus$   $\alpha_s$  uncertainty


  
stat total
