

Data 2012, $\sqrt{s} = 8$ TeV

Channel & Lumi.

..... NNLO+NNLL (top++ 2.0)
PDF4LHC $m_{\text{top}} = 172.5$ GeV

scale uncertainty
scale+PDF uncertainty

stat. uncertainty
total uncertainty

 $\sigma_{t\bar{t}} \pm(\text{stat}) \pm(\text{syst}) \pm(\text{lumi}) \pm(E_{\text{beam}})$

Single lepton 5.8 fb^{-1} $241 \pm 2 \pm 31 \pm 9 \text{ pb}$

Dilepton ($e\mu$) 20.3 fb^{-1} $238 \pm 2 \pm 7 \pm 7 \pm 4 \text{ pb}$

100 150 200 250 300 350 400

$\sigma_{t\bar{t}} [\text{pb}]$