



ATLAS Preliminary


20 Dec 2012

Data 2011, $\sqrt{s} = 7$ TeV

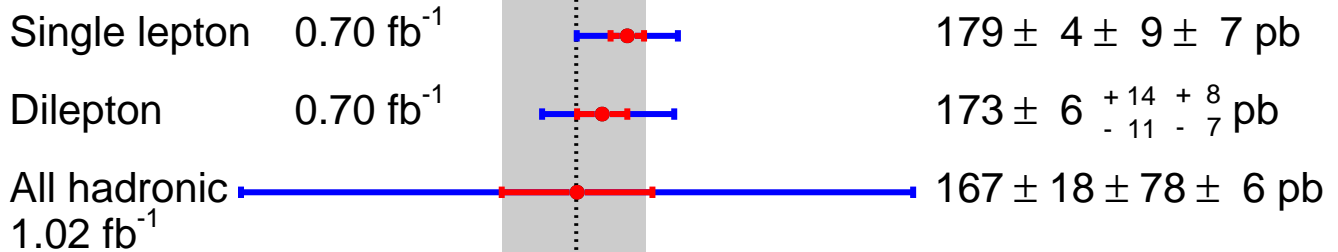
Channel & Lumi.

 Theory (approx. NNLO)
for $m_{\tilde{t}} = 172.5$ GeV

 stat. uncertainty

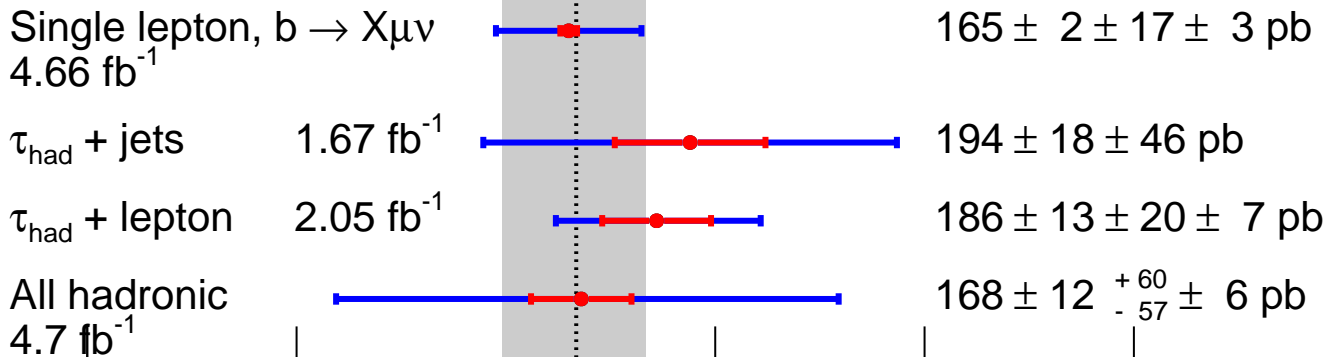
 total uncertainty

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



Combination

$177 \pm 3 \pm 8 \pm 7$ pb



50 100 150 200 250 300 350

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