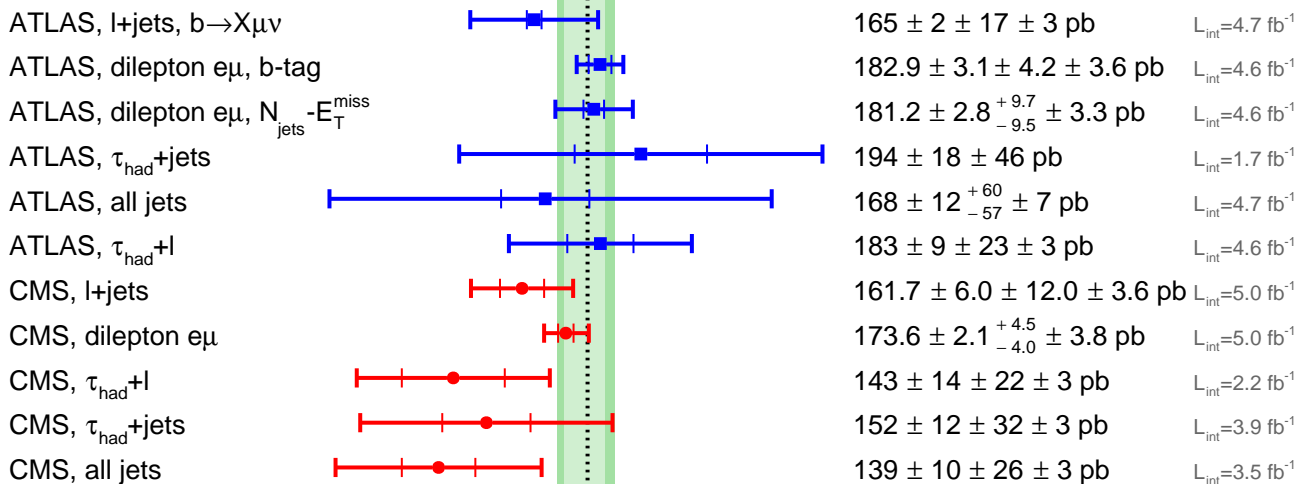
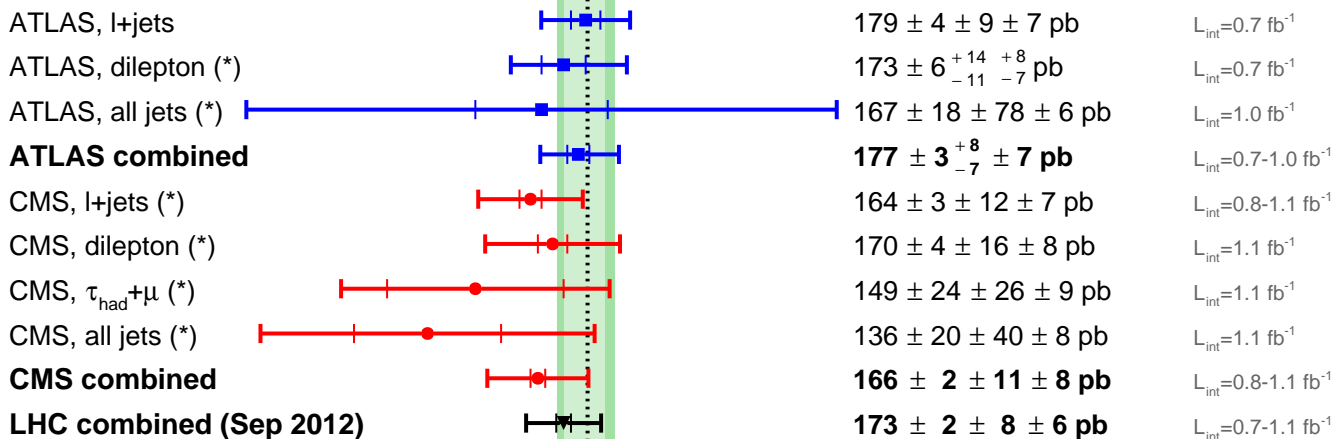


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 $m_{\text{top}} = 172.5$ GeV, $\alpha_s(M_Z) = 0.118 \pm 0.001$

scale uncertainty
 scale \oplus PDF \oplus α_s uncertainty

total stat

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



(*) Superseded by results shown below the line

Effect of LHC beam energy uncertainty: 3.2 pb (not included in the figure)

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ABM12 PRD 89 (2015) 054028

$[\alpha_s(M_Z) = 0.113]$

50 100 150 200 250 300 350

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