

Inclusive $t\bar{t}$ cross section [pb]

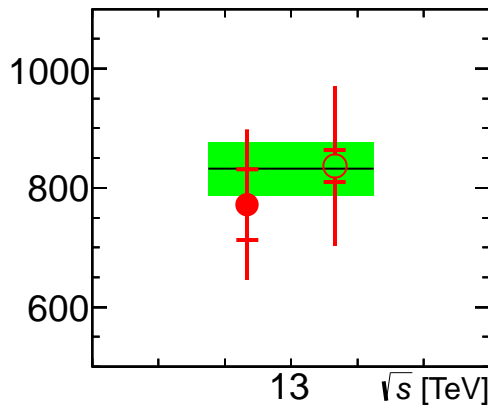
CMS Preliminary

- ☆ Tevatron combined* 1.96 TeV ($L=8.8 \text{ fb}^{-1}$)
- ▲ CMS $e\mu^*$ 7 TeV ($L=5 \text{ fb}^{-1}$)
- △ CMS $l+jets$ 7 TeV ($L=2.3 \text{ fb}^{-1}$)
- CMS $e\mu^*$ 8 TeV ($L=19.7 \text{ fb}^{-1}$)
- CMS $l+jets^*$ 8 TeV ($L=2.8 \text{ fb}^{-1}$)
- ★ LHC combined $e\mu^*$ 8 TeV ($L=5.3\text{-}20.3 \text{ fb}^{-1}$)
- CMS $e\mu^*$ 13 TeV ($L=42 \text{ pb}^{-1}$)
- CMS $l+jets^*$ 13 TeV ($L=42 \text{ pb}^{-1}$)
- * Preliminary

■ NNLO+NNLL (pp)
■ NNLO+NNLL ($p\bar{p}$)

Czakon, Fiedler, Mitov, PRL 110 (2013) 252004

$m_{\text{top}} = 172.5 \text{ GeV}$, PDF $\oplus \alpha_s$ uncertainties according to PDF4LHC



\sqrt{s} [TeV]