

8 TeV

Data/Theory

**CMS**

- Data/Theory(CT10 NLO ⊗ NP ⊗ EWK)
- Data/Theory(CT10 NLO ⊗ NP)
- - Theory unc.
- Uncorrelated JES unc.
- Correlated JES unc.
- Total exp. sys. unc.

 $1.0 < |y| < 1.5$ Open:  $L_{\text{int}} = 5.6 \text{ pb}^{-1}$ anti- $k_t$  ( $R = 0.7$ )Filled:  $L_{\text{int}} = 19.7 \text{ fb}^{-1}$ 

0

21 30 40

100

200 300

1000 2000

Jet  $p_T$  (GeV)