$N_{\text{jets}}/N_{\text{QCD}}$ vs. Inclusive jet $p_T$ [GeV]

- Observed
- NLO QCD (CT10 normalized to data)
- Systematic Uncertainty at 1σ
- Extinction Scale $M = 4$ TeV
- Extinction Scale $M = 3$ TeV
- Extinction Scale $M = 2$ TeV

CMS Preliminary

$\sqrt{s} = 8$ TeV $|\eta| < 1.5 \int L = 10.7$ fb$^{-1}$