

900 GeV pp

Underlying Event

Std. dev.  $N_{\text{ch}} (|\eta| < 2.5, p_{\text{T}} > 0.5 \text{ GeV})$ 

- ATLAS
- ▲ Pythia 8.308 default
- Pythia 8.308 tune-A14-CTEQL1
- - - Pythia 8.308 tune-A14-MSTW2008LO
- ⋯ Pythia 8.308 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.308 tune-CUETP8S1

Rivet 3.1.10,  $\geq 100\text{k events}$ 

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

