

13000 GeV pp

Underlying Event

 $\# \langle \{ \text{mean} \} p_{\text{T}} \rangle \{ [\text{GeV}] \}$

Mean average transverse momentum, towards region

- ATLAS
- ▲ Pythia 8.243 default
- - * Pythia 8.243 tune-4c
- - □ Pythia 8.243 tune-4cx

Rivet 4.1.0, $\geq 400\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 $p_{\text{T}}^{\text{lead}} \{ [\text{GeV}] \}$ 