

13000 GeV pp

Underlying Event

Mean average transverse momentum, transverse region

- ATLAS
- ▲ Pythia 8.230 default
- -▼ Pythia 8.230 tune-AU2
- · ·◇ Pythia 8.230 tune-AU2lox
- · ·□ Pythia 8.230 tune-AU2lox
- · ·★ Pythia 8.230 tune-AU2m

Rivet 4.1.0, ≥ 200k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 p_T^{lead} {[GeV]} $\# \langle \{ \text{mean} \} p_T \rangle$ {[GeV]}

2.5

2

1.5

1

0.5

0

10

20

30