

13000 GeV pp

Underlying Event

Mean average transverse momentum, away region

- ATLAS
- ▲ Pythia 8.240 default
- ▼ Pythia 8.240 tune-AU2
- ◇ Pythia 8.240 tune-AU2lox
- Pythia 8.240 tune-AU2lox
- ★ Pythia 8.240 tune-AU2m

 $\langle \{ \text{mean} \} p_T \rangle \text{ [GeV]}$ Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 $p_T^{\text{lead}} \text{ [GeV]}$

0 10 20 30

0

10

20

30