

13000 GeV pp

Underlying Event

Mean average transverse momentum, towards region

- ATLAS
- ▲ Pythia 8.244 default
- -▲ Pythia 8.244 default-CD
- -▲ Pythia 8.244 default-DL
- ...▲ Pythia 8.244 default-MBR

Rivet 4.1.0, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2017\_I1509919)

Ratio to ATLAS

2

1

0.5

 $N_{ch}$  (Towards) $\# \langle \{mean\} p_T \rangle \{[GeV]\}$ 

2.5

2

1.5

1

0.5

2

1

0.5

0

10

20