

13000 GeV pp

Underlying Event

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

Mean average transverse momentum, towards region

- ATLAS
- Pythia 6.428 345
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z2

Rivet 4.1.0, ≥ 2.5M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

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

0 10 20 30

0.5

1

2

(ATLAS_2017_I1509919)

0

1

2

3

4

5

6

7

8