

900 GeV pp

Underlying Event

Toward $\langle p_T \# \rangle$ vs. p_T^{trk1} , $\sqrt{s} = \{900 \text{ GeV}\}$

- ATLAS
- - ■ Pythia 6.423 default
- - ▲ Pythia 8.315 default

Rivet 4.1.0, $\geq 500\text{k}$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I879407)

Ratio to ATLAS

0.5

1

2

0.5

1

2

 p_T (leading track) [GeV]

7

6

5

4

3

2

1

 $\langle p_T \# \rangle$

7

6

5

4

3

2

1

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

2

4

6

8

10