

900 GeV pp

Underlying Event

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

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.315 default

Rivet 4.1.0, $\geq 3.5\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I879407)

Ratio to ATLAS

0.5

1

2

0.5

1

2

2

4

6

8

10

 p_T (leading track) [GeV] $\langle p_T \# \rangle$

7

6

5

4

3

2

1

0