

900 GeV pp

Underlying Event

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

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 atlas-csc
- \* Pythia 6.428 d6t
- Pythia 6.428 default
- ▼ Pythia 6.428 dw
- Pythia 6.428 p0

Rivet 4.1.0,  $\geq 3.1\text{M}$  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] $\langle p_T \# \rangle$ 

7

6

5

4

3

2

1

2

4

6

8

10