

900 GeV pp

Underlying Event

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

- ATLAS
- ⋯+ Epos 1.99.crmc.1.2 default
- + Epos 1.99.crmc.1.2 lhc
- ▲ Pythia 8.315 default

7

6

5

4

3

2

1

0

(ATLAS\_2010\_I879407)

Rivet 4.1.0,  $\geq 400k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

0.5

1

2

2

1

0.5

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