

900 GeV pp

Underlying Event

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

- ATLAS
- +— Epos 1.99.crmc.1.6.0 lhc
- - □ - - Herwig 7.2.1 default
- - △ - - Pythia 6.428 370
- - ▲ - - Pythia 8.315 default
- - ◆ - - Sherpa 1.4.5 default

$\langle p_T \# \rangle$

7

6

5

4

3

2

1

0

2

1

0.5

Rivet 4.1.0, $\geq 700k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I879407)

Ratio to ATLAS

 p_T (leading track) [GeV]