

900 GeV pp

Underlying Event

Toward  $\langle p_T \rangle$  vs.  $N_{\text{chg}}$ ,  $\sqrt{s} = \{900 \text{ GeV}\}$ 

- ATLAS
- Herwig 7.2.1 default
- ▲-- Pythia 8.135 default
- ...◆... Sherpa 1.2.3 default

Rivet 4.1.0,  $\geq 300\text{k}$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2010\_I879407)

Ratio to ATLAS

2

1

0.5

 $N_{\text{chg}}$  $\langle p_T \rangle [\text{GeV}]$ 

3

2.5

2

1.5

1

0.5

0

5

10

15

20