

900 GeV pp

Underlying Event

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

- ATLAS
- Herwig++ 2.7.1 default
- ▲- Pythia 8.230 default
- ◆- Sherpa 2.2.9 default

Rivet 4.1.0,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2010\_I879407)

Ratio to ATLAS

2

1

0.5

 $N_{\text{chg}}$ 