

900 GeV pp

Underlying Event

Toward  $N_{\text{chg}}$  density vs.  $p_T^{\text{trk1}}$ ,  $\sqrt{s} = \{900 \text{ GeV}\}$ 

- ATLAS
- Herwig++ 2.7.1 default
- ▲- Pythia 8.315 default
- ▼- Pythia 8.315 vincia-default
- ◆- Sherpa 2.2.9 default

Rivet 4.1.0,  $\geq 2.2\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2010\_I879407)

Ratio to ATLAS

