

900 GeV pp

Underlying Event

Toward  $N_{\text{chg}}$  density vs.  $p_{\text{T}}^{\text{trk1}}$ ,  $\sqrt{s} = \{900 \text{ GeV}\}$ ,  $p_{\text{T}} > \{100 \text{ MeV}\}$ 

- ATLAS
- ◆ Sherpa 1.4.5 default

Rivet 4.1.0, 400k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2010\_I879407)

Ratio to ATLAS

 $p_{\text{T}}$  (leading track) [GeV]