

7000 GeV pp

Underlying Event

Toward  $N_{\text{chg}}$  density vs.  $p_{\text{T}}^{\text{trk1}}$ ,  $\sqrt{s} = \{7 \text{ TeV}\}$ 

- ATLAS
- ▲ Pythia 8.244 default
- -▲ Pythia 8.244 default-CD
- -▲ Pythia 8.244 default-DL
- ...▲ Pythia 8.244 default-MBR

(ATLAS\_2010\_I879407)

Rivet 4.1.0,  $\geq 100\text{k events}$ 

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

