

7000 GeV pp

Underlying Event

Toward N_{chg} density vs. $p_{\text{T}}^{\text{trk1}}$, $\sqrt{s} = \{7 \text{ TeV}\}$, $p_{\text{T}} > \{100 \text{ MeV}\}$

- ATLAS
- - ■ Pythia 6.423 default
- - ▲ Pythia 8.201 default

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

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I879407)

Ratio to ATLAS

