

900 GeV pp

Underlying Event

Std. dev. Transverse N_{chg} density vs. $p_{\text{T}}^{\text{trk1}}$, $\sqrt{s} = \{900 \text{ GeV}\}$

- ATLAS
- ▲ Pythia 8.315 default
- ▼ Pythia 8.315 tune-AU2
- ◆ Pythia 8.315 tune-AU2lox
- Pythia 8.315 tune-AU2loxx
- ★ Pythia 8.315 tune-AU2m

(ATLAS_2010_I879407)

Ratio to ATLAS

Rivet 4.1.0, $\geq 2.4 \text{ M events}$

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 p_{T} (leading track) [GeV]