

900 GeV pp

Underlying Event

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

- ATLAS
- ▲ Pythia 8.235 default
- ▼ Pythia 8.235 tune-AU2
- ◆ Pythia 8.235 tune-AU2lox
- Pythia 8.235 tune-AU2loxx
- ★ Pythia 8.235 tune-AU2m

Rivet 4.1.0, $\geq 400\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I879407)

Ratio to ATLAS

2

1

0.5

 p_T (leading track) [GeV]