

7000 GeV pp

Underlying Event

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

■ ATLAS
—▲ Pythia 8.240 default

 $\# \langle d^2 N_{\text{chg}} / d\eta d\phi \rangle$

6

5

4

3

2

1

0

(ATLAS_2010_I879407)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 p_T (leading track) [GeV]