

900 GeV pp

Underlying Event

Std. dev. $N_{\text{ch}} (|\eta| < 2.5, p_T > 0.5 \text{ GeV})$

- ATLAS
- - ■ Pythia 6.423 default
- - ▲ Pythia 8.240 default

Rivet 3.1.10, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

2

1

0.5

Ratio to ATLAS

2

1

0.5

 p_T (leading track) [GeV]Std. dev. $d^2 N_{\text{chg}}/d\eta d\phi$

1

0.8

0.6

0.4

0.2

0