

900 GeV pp

Underlying Event

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

- ATLAS
- - ■ Pythia 6.423 default
- - ▲ Pythia 8.186 default

Std. dev.  $d^2 N_{\text{chg}}/d\eta d\phi$ Rivet 3.1.0,  $\geq 100\text{k}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

 $p_{\text{T}}$  (leading track) [GeV]