

900 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.0.2 default
- - ▲ Pythia 8.301 default
- - ◆ Sherpa 2.1.1 default

Rivet 3.1.0,  $\geq 100\text{k}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

2

1

0.5

Std. dev.  $d^2 N_{\text{chg}}/d\eta d\phi$ 1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0

Ratio to ATLAS

2  
1  
0.5 $p_{\text{T}}$  (leading track) [GeV]

2

4

6

8

10