

900 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.0.1 default
- - ▲ Pythia 8.209 default
- - ◆ Sherpa 1.4.1 default

Rivet 3.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

2

1

1

1

1

1

1

1

1

Std. dev. $d^2 N_{\text{chg}}/d\eta d\phi$ 1
0.8
0.6
0.4
0.2

0

2

1

0.5

Ratio to ATLAS

0.5

 p_T (leading track) [GeV]

10

2

4

6

8

10