

900 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.165 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. $d^2 N_{\text{chg}}/d\eta d\phi$

Ratio to ATLAS

