

900 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.1.4 default
- - ▲ Pythia 8.301 default
- - ◆ Sherpa 1.4.1 default

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

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

2

1

0.5

0.5

1

2

Std. dev.  $d^2 N_{\text{chg}}/d\eta d\phi$ 

Ratio to ATLAS

