

900 GeV pp

Underlying Event

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

- ATLAS
- ▲ 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

Ratio to ATLAS

2

1

0.5

0.5

1

2

0

0.2

0.4

0.6

0.8

1.0

1.2

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