

900 GeV pp

Underlying Event

Sum( $p_T$ ) Density (TRNS) ( $|\eta| < 2.5$ ,  $p_T > 0.1$  GeV)

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

Rivet 3.1.0,  $\geq 6.9$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

0.5

1

2

0.5

1

2

 $p_T$  (leading track) [GeV] $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$  [GeV]

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

0

0

0

0

0

0

0

0

2

4

6

8

10