

900 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.209 default
- - ◆ Sherpa 1.2.2p default

Rivet 3.1.0, $\geq 6M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]4
3.5
3
2.5
2
1.5
1
0.5
0

Ratio to ATLAS

2
1
0.52
1
0.5 p_T (leading track) [GeV]10
8
6
4
210
8
6
4
2