

7000 GeV pp

Underlying Event

Sum(p_T) Density (AWAY) ($|\eta| < 2.5$, $p_T > 0.5$ GeV)

- ATLAS
- - □ Herwig 7.1.0 default
- - ▲ Pythia 8.235 default
- - ◆ Sherpa 2.1.1 default

Rivet 3.1.0, ≥ 7.4 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]6
5
4
3
2
1
0
2
1
0.52
1
0.5 p_T (leading track) [GeV]

0 5 10 15 20

Ratio to ATLAS