

7000 GeV pp

Underlying Event

Average Charged Particle Density (TRNS) ($|\eta| < 2.5, p_T > 0.1$ GeV)

- ATLAS
- - □ Herwig 7.2.0 default
- · - · ◆ Sherpa 1.3.0 default

Rivet 3.1.0, ≥ 5.4 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

 $\langle d^2 N_{\text{chg}}/d\eta d\phi \rangle$ 5
4
3
2
1
0

0

Ratio to ATLAS

2
1
0.5

2

1
0.50 5 10 15 20
 p_T (leading track) [GeV]