

7000 GeV pp

Underlying Event

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

- ATLAS
- Herwig 7.2.0 default
- ▲ Pythia 8.240 default
- ...◆ Sherpa 2.1.1 default

Rivet 3.1.0, ≥ 5.4 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]

 $\langle d^2 N_{\text{chg}}/d\eta d\phi \rangle$

 6
5
4
3
2
1
0