

7000 GeV pp

Underlying Event

Average Charged Particle Density (TWRD) ($|\eta| < 2.5$, $p_T > 0.5$ GeV)

- ATLAS
- - □ Herwig 7.0.1 default
- - ▲ Pythia 8.183 default
- - ◆ Sherpa 2.1.1 default

Rivet 3.1.0, ≥ 6.9 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

0.5 1 2

0.5 1 2

0 5 10 15 20 p_T (leading track) [GeV]