

7000 GeV pp

Underlying Event

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

- ATLAS
- +— Epos 1.99.crmc.1.6.0 lhc
- - - □ Herwig 7.0.3 default
- - - △ Pythia 6.428 370
- - - ▲ Pythia 8.170 default
- · - · ◆ Sherpa 2.1.1 default

Rivet 3.1.0, ≥ 7.2M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

