

7000 GeV pp

Underlying Event

Average Charged Particle Density(AWAY) ($|\eta| < 2.5, p_T > 0.1$ GeV) $\langle d^2 N_{\text{chg}}/d\eta d\phi \rangle$

- ATLAS
- +— Epos 1.99.crmc.1.2 lhc
- - □ Herwig 7.1.3 default
- △ - Pythia 6.428 370
- ▲ - Pythia 8.170 default
- ◆ - Sherpa 2.1.1 default

6

5

4

3

2

1

0

ATLAS_2010_S8894728

Rivet 3.1.0, ≥ 7.2 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 p_T (leading track) [GeV]