

900 GeV pp

Underlying Event

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

- ATLAS
- ⋯+ Epos 1.99.crmc.1.6.0 default
- + Epos 1.99.crmc.1.6.0 lhc
- ▲ Pythia 8.108.p1 default

Rivet 3.1.0, ≥ 7.3 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

 $\langle d^2 N_{\text{chg}}/d\eta d\phi \rangle$ 2.5
2.0
1.5
1.0
0.5
0

2

1

0.5

Ratio to ATLAS

2
1
0.5 p_T (leading track) [GeV]

2

4

6

8

10

