

900 GeV pp

Underlying Event

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

- ATLAS
- ⋯+ Epos 1.99.crmc.1.4 default
- + Epos 1.99.crmc.1.4 lhc
- ▲ Pythia 8.176 default

Rivet 3.1.0, ≥ 7.4 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

2

1

0.5

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

Ratio to ATLAS

