

7000 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 8.240 default

5
4
3
2
1
0Rivet 3.1.0, $\geq 7.5M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

0

Ratio to ATLAS

2
1
0.52
1
0.50 5 10 15 20
 p_T (leading track) [GeV] $\langle d^2 N_{\text{chg}}/d\eta d\phi \rangle$