

900 GeV pp

Underlying Event

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

- ATLAS
- ⋈ Epos 1.99.crmc.1.6.0 default
- ⋈ Epos 1.99.crmc.1.6.0 lhc
- ▲ Pythia 8.170 default

Rivet 3.1.0,  $\geq 7.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

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

2

1.8

1.6

1.4

1.2

1

0.8

0.6

0.4

0.2

0

Ratio to ATLAS

2

1

0.5

 $p_T$  (leading track) [GeV]

2

1

0.5

