

900 GeV pp

Underlying Event

 $\langle p_T \rangle$ density wrt ϕ of leading track ($|\eta| < 2.5$, $p_T > 0.5$ GeV, $p_{T1} > 2$ GeV) $\langle d^2 p_T / d\eta d\phi \rangle$ 1.2
1
0.8
0.6
0.4
0.2
0
2
1
0.5

- ATLAS
- ▲ Pythia 8.301 default
- -▲ Pythia 8.301 default-CD
- -▲ Pythia 8.301 default-DL
- ⋯▲ Pythia 8.301 default-MBR

ATLAS_2010_S8894728

Ratio to ATLAS

left| ϕ |right| (w.r.t. leading track) [rad]Rivet 3.1.0, ≥ 7.3 M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5