

900 GeV pp

Underlying Event

 N_{chg} density vs. $\Delta\phi$, $p_{\text{T}}^{\text{trk1}} > 2.0 \text{ GeV}$, $\sqrt{s} = \{900 \text{ GeV}\}$

- ATLAS
- Pythia 6.427 350
- .-●-.- Pythia 6.427 357
- ...●... Pythia 6.427 358
- .-■-.- Pythia 6.427 359

 $\langle d^2 N_{\text{chg}} / d\eta d\phi \rangle$ 1.2
1
0.8
0.6
0.4
0.2
0Rivet 4.1.0, $\geq 300\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I879407)

Ratio to ATLAS

2
1
0.52
1
0.5 $|\phi|$ (w.r.t. leading track) [rad]

0

1

2

3