

900 GeV pp

Underlying Event

Average Charged Particle Density (TRNS) ($|\eta| < 2.5, p_T > 0.5$ GeV) $\langle d^2 N_{\text{chg}}/d\eta d\phi \rangle$

1

0.8

0.6

0.4

0.2

0

2

1

0.5

- ATLAS
- *- Pythia 6.428 355
- *- Pythia 6.428 356
- △- Pythia 6.428 370
- *- Pythia 6.428 379
- △- Pythia 6.428 ambt1
- Pythia 6.428 z2

ATLAS_2010_S8894728

Rivet 3.1.0, ≥ 14M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 p_T (leading track) [GeV]