

900 GeV pp

Underlying Event

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

Ratio to ATLAS

0.5

1

2

0

0.2

0.4

0.6

0.8

1

0

2

4

6

8

10

0

2

4

6

8

10

0

2

4

6

8

10

0

2

4

■ ATLAS

- - ■ Pythia 6.428 359

- - △ Pythia 6.428 370

- - ▲ Pythia 6.428 a

- - ▼ Pythia 6.428 dw

- - ○ Pythia 6.428 p0

- - ☆ Pythia 6.428 pro-q2o

ATLAS_2010_S8894728

Rivet 3.1.0, ≥ 14M events

mcplots.cern.ch [arXiv:1306.3436]

 p_T (leading track) [GeV]