

13000 GeV pp

Underlying Event

Average p_T vs N_{ch} ($|\eta| < 2.5$, $p_T > 0.5$ GeV, $p_{T1} > 1$ GeV)

- ATLAS
- △— Pythia 6.428 370
- -△- - Pythia 6.428 371
- ·△· Pythia 6.428 372
- ·△· Pythia 6.428 376

Rivet 3.1.10, ≥ 2.4M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2017_I1509919

Ratio to ATLAS

2

1

0.5

 N_{ch} (Towards) $\langle \text{mean } p_T \rangle$ [GeV]

3
2.5
2
1.5
1
0.5

2
1
0.5

0

10

20