

7000 GeV pp

Underlying Event

Sum(p_T) density wrt η of leading track (TRNS) ($|\eta| < 2.5$, $p_T > 0.1$ GeV)

- ATLAS
- △ Pythia 6.427 370
- ⋯△ Pythia 6.427 373
- -○ Pythia 6.427 374
- ⋯○ Pythia 6.427 375

Rivet 3.1.0, ≥ 7.1 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]

2.5

2

1.5

1

0.5

Ratio to ATLAS

1

0.5

0

1

2

2

 $|\eta|$ (leading track)

0.5

2