

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 6.425 ambt1
- Pythia 6.425 z2

Rivet 3.1.0, ≥ 7.4 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

Ratio to ATLAS

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]2.5
2.0
1.5
1.0
0.52.0
1.5
1.0
0.52.0
1.5
1.0
0.52.0
1.5
1.0
0.52.0
1.5
1.0
0.5

0

1

2

 $|\eta|$ (leading track)