

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 6.428 370
- - - □ Pythia 6.428 default
- ▲ Pythia 8.301 default

Rivet 3.1.0, ≥ 7.8 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

2.5

2.0

1.5

1.0

0.5

2

1

0.5

0

1

2

 $|\eta|$ (leading track)