

7000 GeV pp

Underlying Event

Sum(p_T) Density (TRNS) ($|\eta| < 2.5$, $p_T > 0.1$ GeV)

- ATLAS
- ▲ Pythia 8.180 default
- ◻ Pythia 8.180 tune-4cx

Rivet 3.1.0, ≥ 7.5 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]3.5
3
2.5
2
1.5
1
0.5
0
2
1
0.50
5
10
15
20

Ratio to ATLAS

 p_T (leading track) [GeV]