

900 GeV pp

Underlying Event

Sum(p_T) Density (AWAY) ($|\eta| < 2.5$, $p_T > 0.5$ GeV)

- ATLAS
- ▲ Pythia 8.301 default
- ▲ Pythia 8.301 default-noFsr
- ▲ Pythia 8.301 default-noRap

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]Rivet 3.1.0, $\geq 7.3\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

0

0.5

1

1.5

2

2.5

3

2

4

6

8

10

 p_T (leading track) [GeV]