

900 GeV pp

Underlying Event

Sum(p_T) Density (AWAY) ($|\eta| < 2.5$, $p_T > 0.5$ GeV) $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]

- ATLAS
- ▲ Pythia 8.301 default
- ▼ Pythia 8.301 tune-1
- Pythia 8.301 tune-2c
- Pythia 8.301 tune-2m

Rivet 3.1.0, ≥ 7 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

0.5

1

2

0.5

1

2

2

4

6

8

10

 p_T (leading track) [GeV]