

900 GeV pp

Underlying Event

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

- ATLAS
- ▲ Pythia 8.186 default
- ▲ Pythia 8.186 default-noFsr
- ▲ Pythia 8.186 default-noRap

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$  [GeV]Rivet 3.1.0,  $\geq 6.8\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

0

2

1

0.5

0.5

1

1.5

2

2.5

3

2

4

6

8

10

 $p_T$  (leading track) [GeV]