

900 GeV pp

Underlying Event

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

- ATLAS
- - - ■ Pythia 6.423 default
- - - ▲ Pythia 8.301 default

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]Rivet 3.1.0, ≥ 7.6 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

3
2.5
2
1.5
1
0.5
0
2
1
0.510
8
6
4
2
 p_T (leading track) [GeV]