

7000 GeV pp

Underlying Event

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

- ATLAS
- ⊕ Epos 1.99.crmc.1.2 lhc
- ▼ Herwig 7.2.0 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.205 default

Rivet 3.1.0, ≥ 5.5 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]7
6
5
4
3
2
1
0

Ratio to ATLAS

2
1
0.52
1
0.5 p_T (leading track) [GeV]

0

5

10

15

20