

7000 GeV pp

Underlying Event

Sum(p_T) Density (TWRD) ($|\eta| < 2.5$, $p_T > 0.5$ GeV)Rivet 3.1.0, ≥ 5.1 M events

mcplots.cern.ch (arXiv:1306.3436)

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]6
5
4
3
2
1
0
2
1
0.5

- ATLAS
- Herwig++ (Def)
- Herwig 7 (Def)
- Pythia 6 (Def)
- ▲ Pythia 8 (Def)
- ◆ Sherpa (Def)

ATLAS_2010_S8894728

Herwig++ 2.7.1, Herwig 7.2.0, Pythia 6.428, Pythia 8.301, Sherpa 2.1.1

Ratio to ATLAS

2
1
0.5 p_T (leading track) [GeV]

0 5 10 15 20

