

7000 GeV pp

Underlying Event

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

- ATLAS
- ▲ Pythia 8.150 default
- ◆ Sherpa 2.1.1 default

Rivet 3.1.0, ≥ 7.4 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]9
8
7
6
5
4
3
2
1
0

2

Ratio to ATLAS

2
1
0.51
0.50 5 10 15 20
 p_T (leading track) [GeV]