

7000 GeV pp

Underlying Event

Sum(p_T) Density (TRNS) ($|h| < 2.5, p_T > 0.5$ GeV)

ATLAS

Herwig 7.2.0 default

Sherpa 1.4.5 default

ATLAS_2010_S8894728

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]

2.5

2

1.5

1

0.5

0

Rivet 3.1.0, $\geq 5.4M$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

 p_T (leading track) [GeV]