

7000 GeV pp

Underlying Event

Average Charged Particle Density(AWAY) ($|\eta| < 2.5, p_T > 0.1$ GeV) $\langle d^2 N_{\text{chg}}/d\eta d\phi \rangle$

Ratio to ATLAS

0.5

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

- ATLAS
- - □ Herwig 7.2.0 default
- - ◆ Sherpa 2.1.1 default

ATLAS_2010_S8894728

Rivet 3.1.0, ≥ 5.4 M events

mcplots.cern.ch [arXiv:1306.3436]

 p_T (leading track) [GeV]