

7000 GeV pp

Underlying Event

Average p_T vs N_{ch} (TWRD) ($|\eta| < 2.5$, $p_T > 0.5$ GeV)

- ATLAS
- - □ Herwig 7.2.0 default
- · · ◆ Sherpa 1.2.3 default

Rivet 3.1.0, $\geq 5.4M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

2

1

0.5

 $\langle p_T \rangle$ [GeV]

3

2.5

2

1.5

1

0.5

Ratio to ATLAS

2

1

0.5

0

10

20

30

 N_{chg} 