

900 GeV pp

Soft QCD

Average p_T vs N_{ch} ($N_{ch} > 0, |\eta| < 2.5, p_T > 0.5$ GeV)

- ATLAS
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.308 default

Rivet 3.1.10, $\geq 3.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8591806

Ratio to ATLAS

2

2

2

2

2

2

2

2

2

0.5

1

1

1

1

1

1

1

1

1

2

2

2

2

2

2

2

2

0.5

1

1

1

1

1

1

1

1

1

0

20

40

 N_{ch} $\langle p_T \rangle$ [GeV]

2.2

2

1.8

1.6

1.4

1.2

1

1

0.5

1

1

1

1

1

1

1

1

1