

7000 GeV pp

Underlying Event

Average p_T vs p_{T1} (AWAY) ($|\eta| < 2.5$, $p_T > 0.5$ GeV)Rivet 3.1.0, ≥ 5.1 M events

mcplots.cern.ch (arXiv:1306.3436)

- ATLAS
- Herwig++ (Def)
- Herwig 7 (Def)
- Pythia 6 (Def)
- ▲ Pythia 8 (Def)
- ◆ Sherpa (Def)

ATLAS_2010_S8894728

Herwig++ 2.7.1, Herwig 7.2.0, Pythia 6.428, Pythia 8.301, Sherpa 2.1.1

Ratio to ATLAS

0.5

2

2

1

0.5

0.5

0

5

10

15

20

 p_T (leading track) [GeV] $\langle p_T \rangle$

2.5

2

1.5

1