

900 GeV pp

Underlying Event

 $\langle p_T \rangle$ Average  $p_T$  vs  $p_{T1}$  (TRNS) ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV)

- ATLAS
- +— Epos 1.99.crmc.1.2 lhc
- - - □ Herwig 7.2.0 default
- - - △ Pythia 6.428 370
- - - ▲ Pythia 8.301 default
- · - · ◆ Sherpa 1.4.5 default

Rivet 3.1.0,  $\geq 6M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

2

1

1

0.5

0.5

2

4

6

8

10

 $p_T$  (leading track) [GeV]