

900 GeV pp

Underlying Event

Sum(p_T) Density (AWAY) ($|\eta| < 2.5, p_T > 0.5$ GeV)

- ATLAS
- △— Pythia 6.428 370
- - -■- - - Pythia 6.428 default
- ▲— Pythia 8.150 default

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]Rivet 3.1.0, ≥ 7.3 M events

mcplots.cern.ch [arXiv:1306.3436]

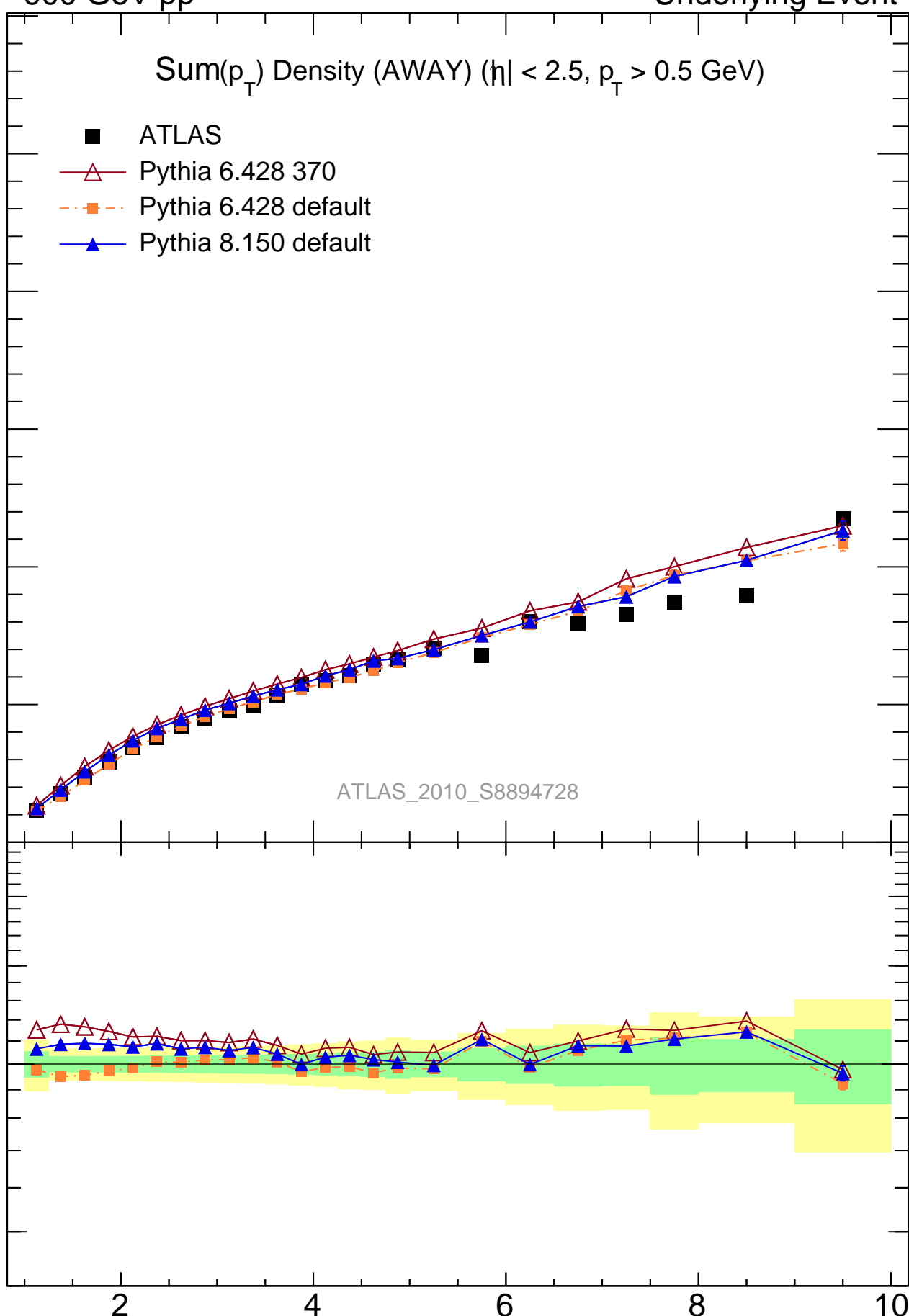
ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

3
2.5
2
1.5
1
0.5
0
2
1
0.5 p_T (leading track) [GeV]