

900 GeV pp

Underlying Event

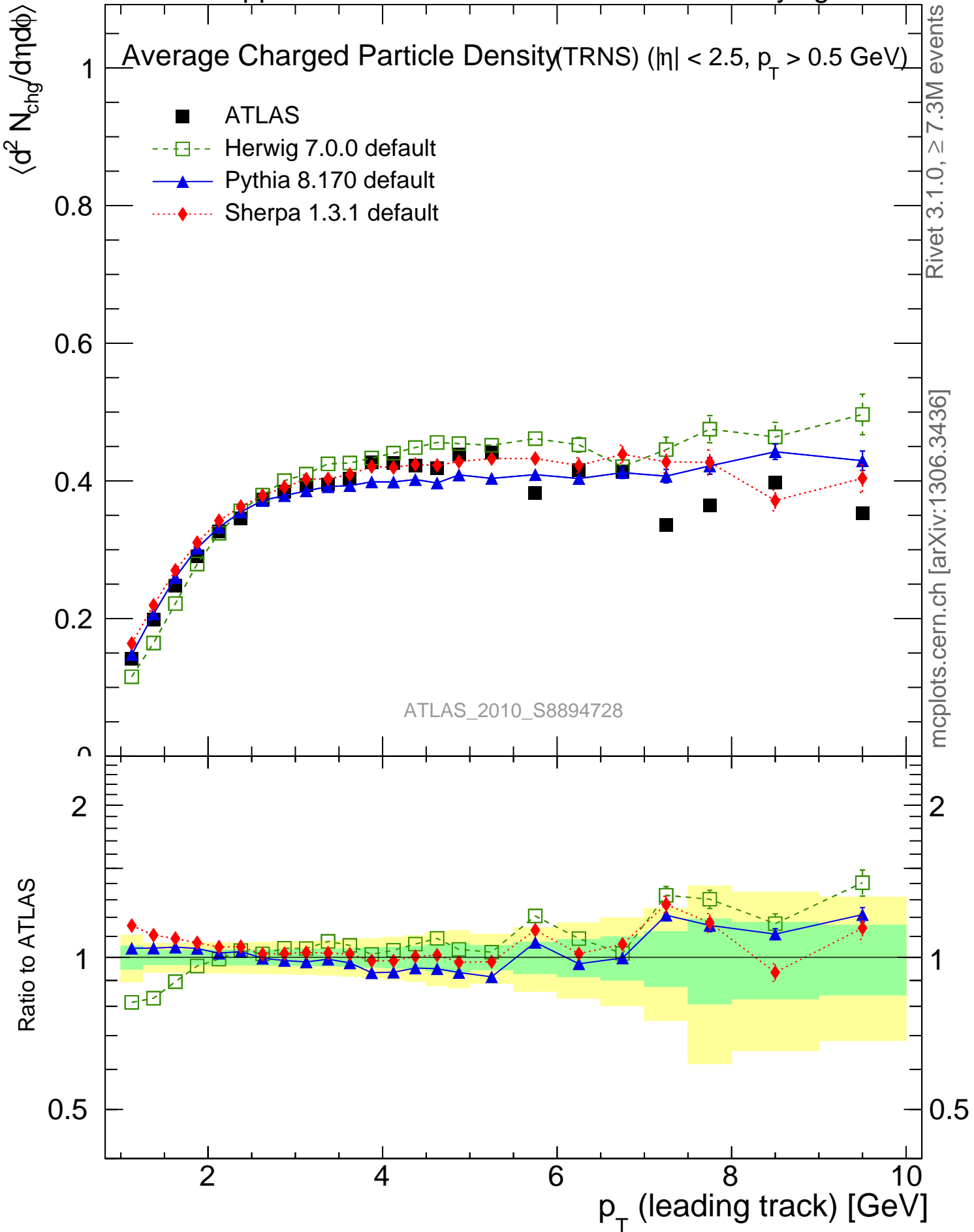
Average Charged Particle Density (TRNS) ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV)

- ATLAS
- - □ Herwig 7.0.0 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 1.3.1 default

Rivet 3.1.0,  $\geq 7.3M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728



Ratio to ATLAS

2

1

0.5

 $p_T$  (leading track) [GeV]