

7000 GeV pp

Underlying Event

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

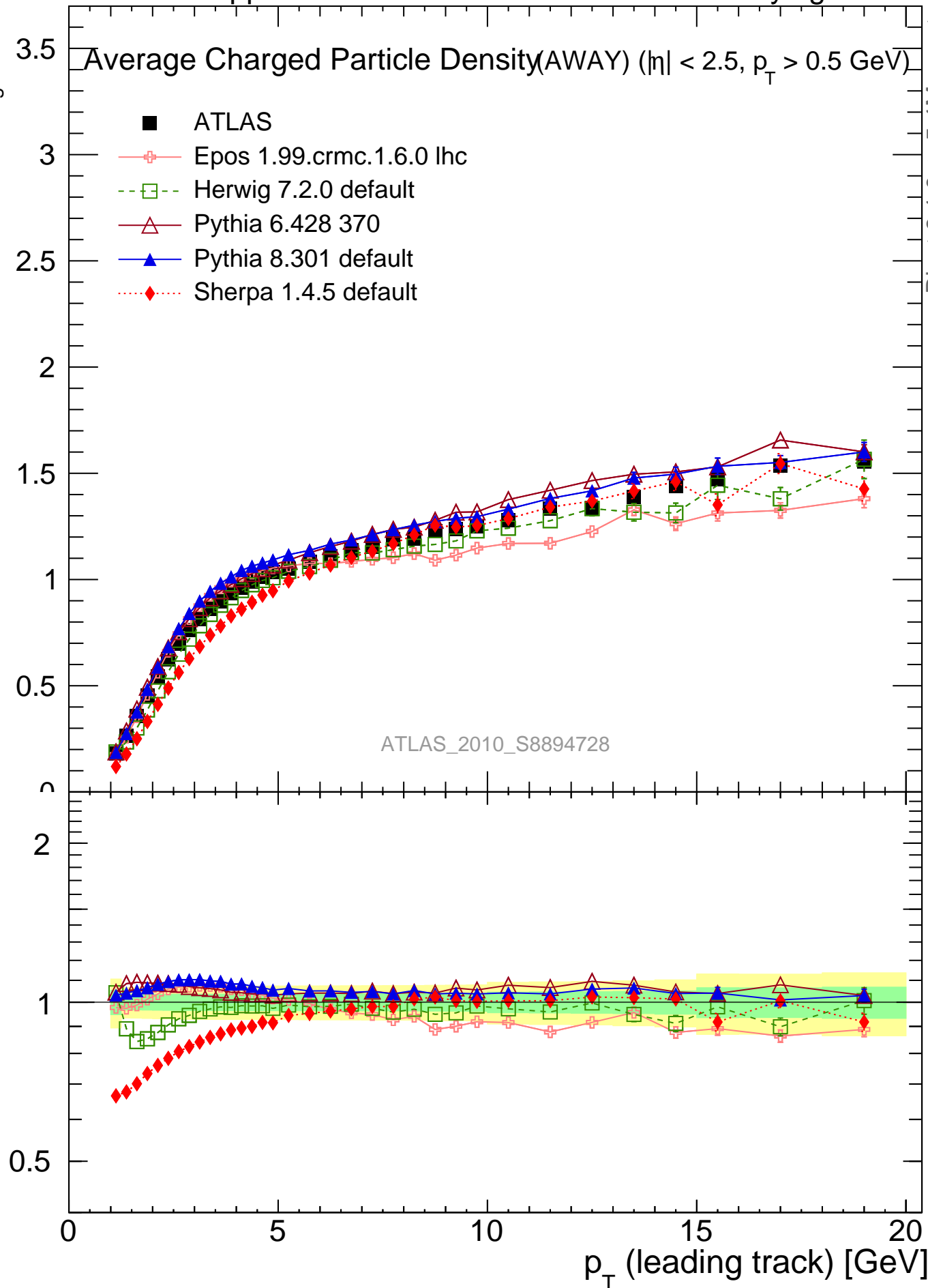
- ATLAS
- + Epos 1.99.crmc.1.6.0 lhc
- -□ Herwig 7.2.0 default
- △ Pythia 6.428 370
- ▲ Pythia 8.301 default
- ● Sherpa 1.4.5 default

Rivet 3.1.0, ≥ 5.4M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS



2

1

0.5

 p_T (leading track) [GeV]