

900 GeV pp

Underlying Event

Average Charged Particle Density (TRNS) ( $|\eta| < 2.5, p_T > 0.1$  GeV)

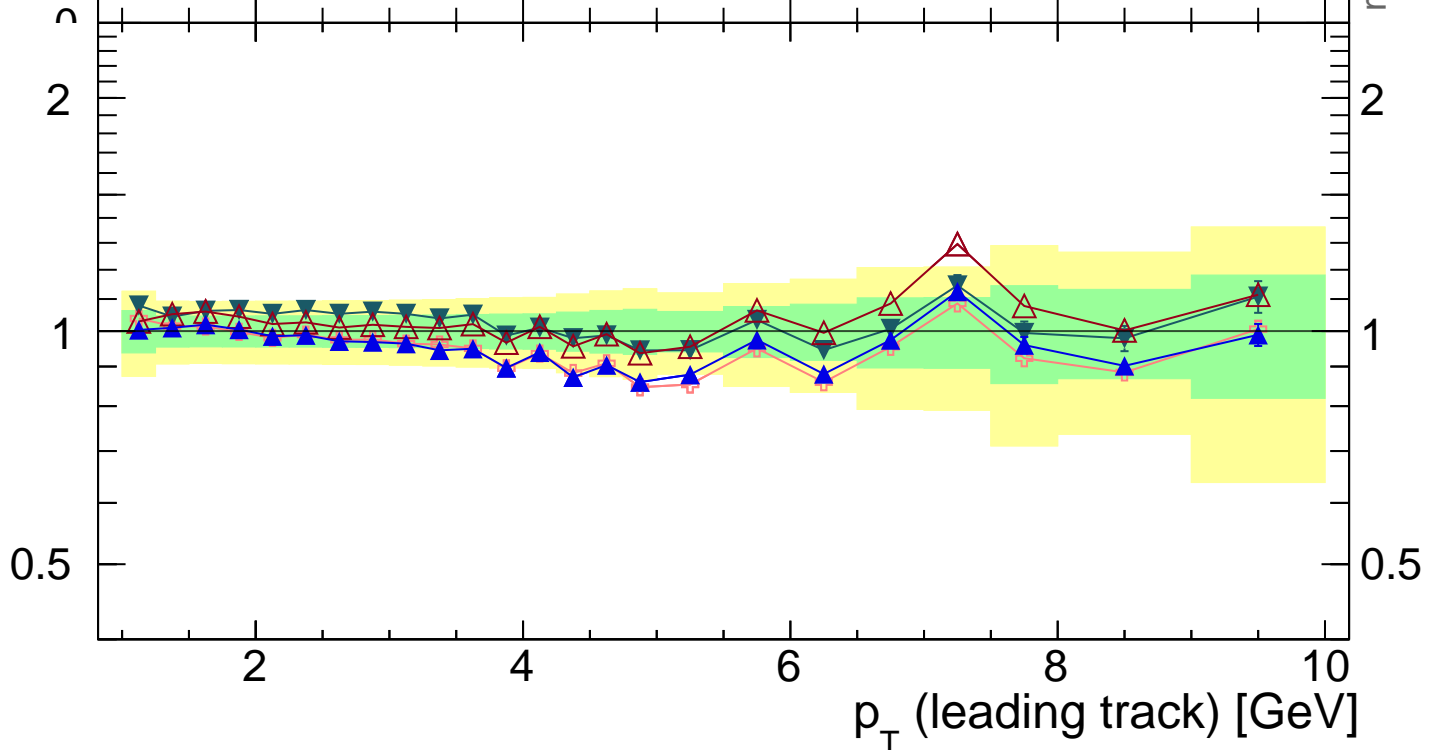
- ATLAS
- ⊕ Epos 1.99.crmc.0.v3400 lhc
- ▼ Herwig 7.2.0 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.301 default

Rivet 3.1.0,  $\geq 5.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

 $p_T$  (leading track) [GeV]