

7000 GeV pp

Underlying Event

Average Charged Particle Density(AWAY) ($|\eta| < 2.5, p_T > 0.1$ GeV) $\langle d^2 N_{\text{chg}}/d\eta d\phi \rangle$

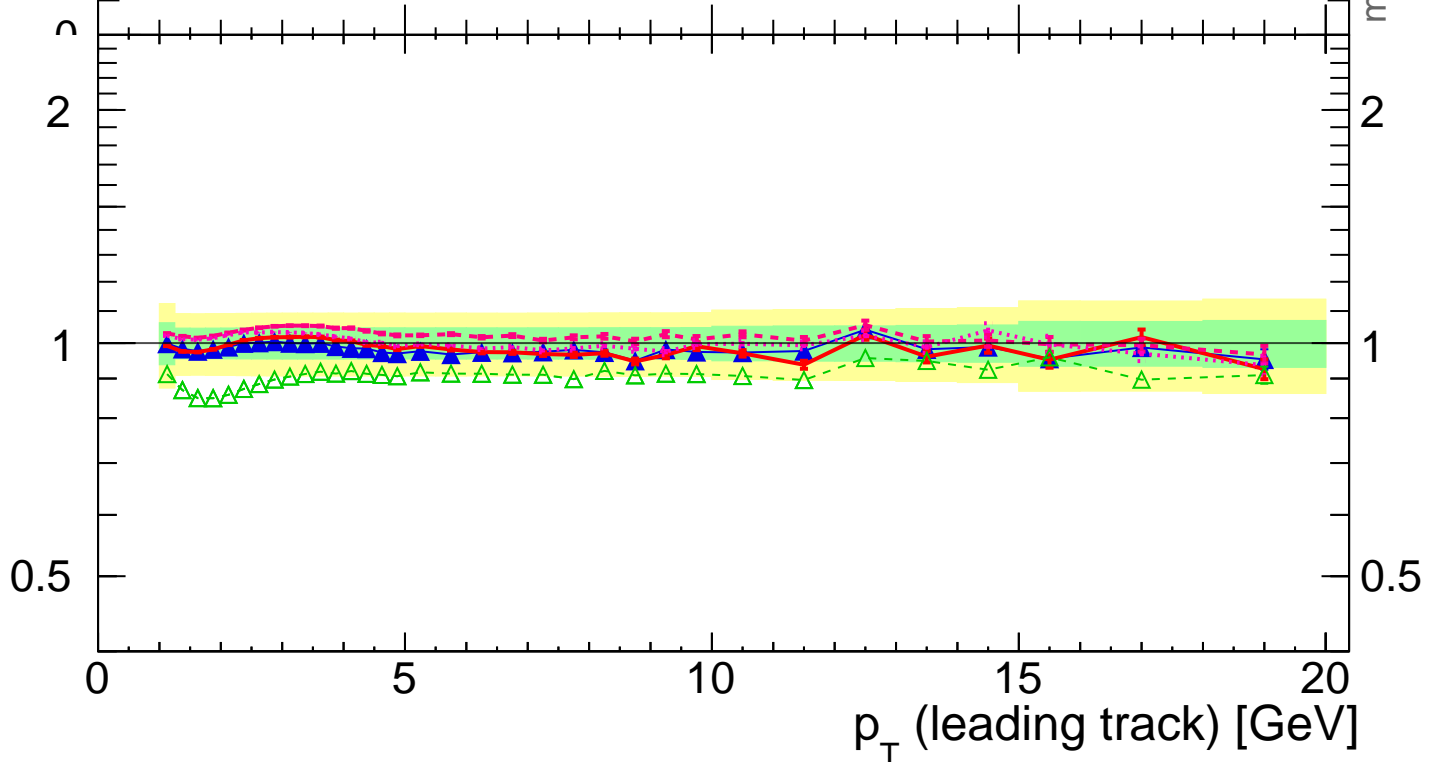
- ATLAS
- ▲ Pythia 8.212 default
- Pythia 8.212 tune-A14-CTEQL1
- - - Pythia 8.212 tune-A14-MSTW2008LO
- ⋯ Pythia 8.212 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.212 tune-CUETP8S1

Rivet 3.1.0, ≥ 7 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS



2

1

0.5

 p_T (leading track) [GeV]