

900 GeV pp

Underlying Event

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

- ATLAS
- ▲ Pythia 6.424 a
- ▼ Pythia 6.424 dw
- Pythia 6.424 p0
- ☆ Pythia 6.424 pro-q2o

Rivet 3.1.0,  $\geq 7.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

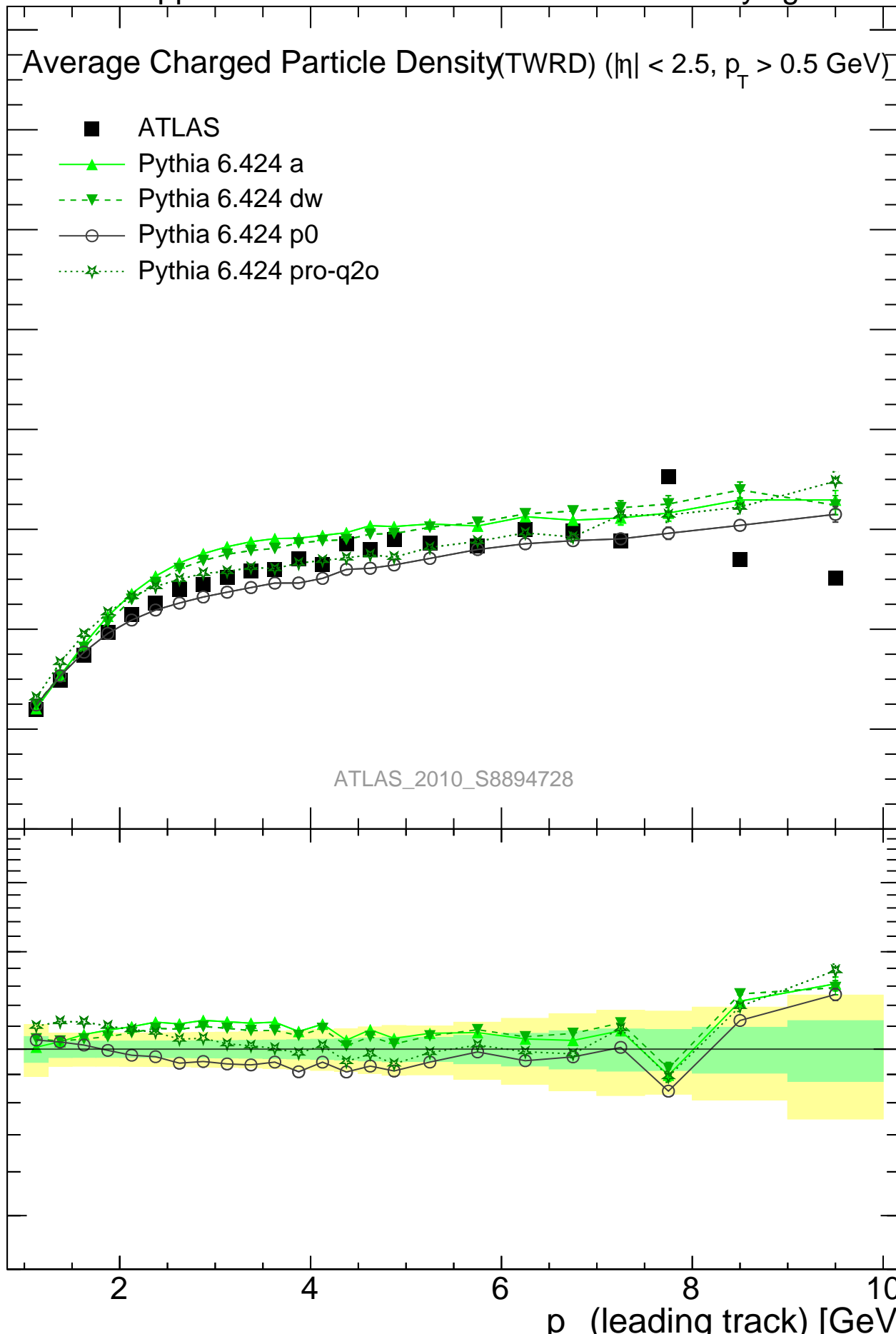
ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

 $\langle d^2 N_{\text{chg}}/d\eta d\phi \rangle$ 
 $p_T$  (leading track) [GeV]