

7000 GeV pp

Underlying Event

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

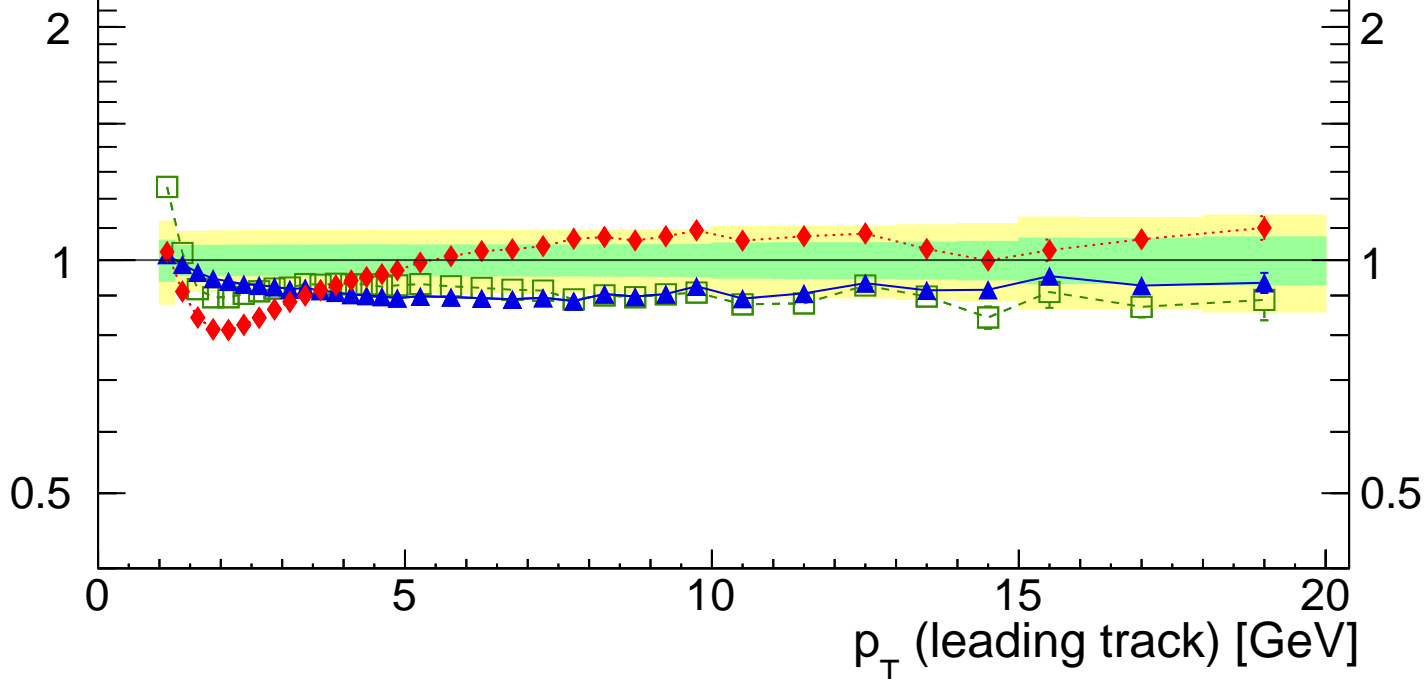
- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.130.p1 default
- - ◆ Sherpa 1.2.3 default

5  
4  
3  
2  
1  
0

Rivet 3.1.0,  $\geq 5.4M$  events  
mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS



2  
1  
0.5

$p_T$  (leading track) [GeV]