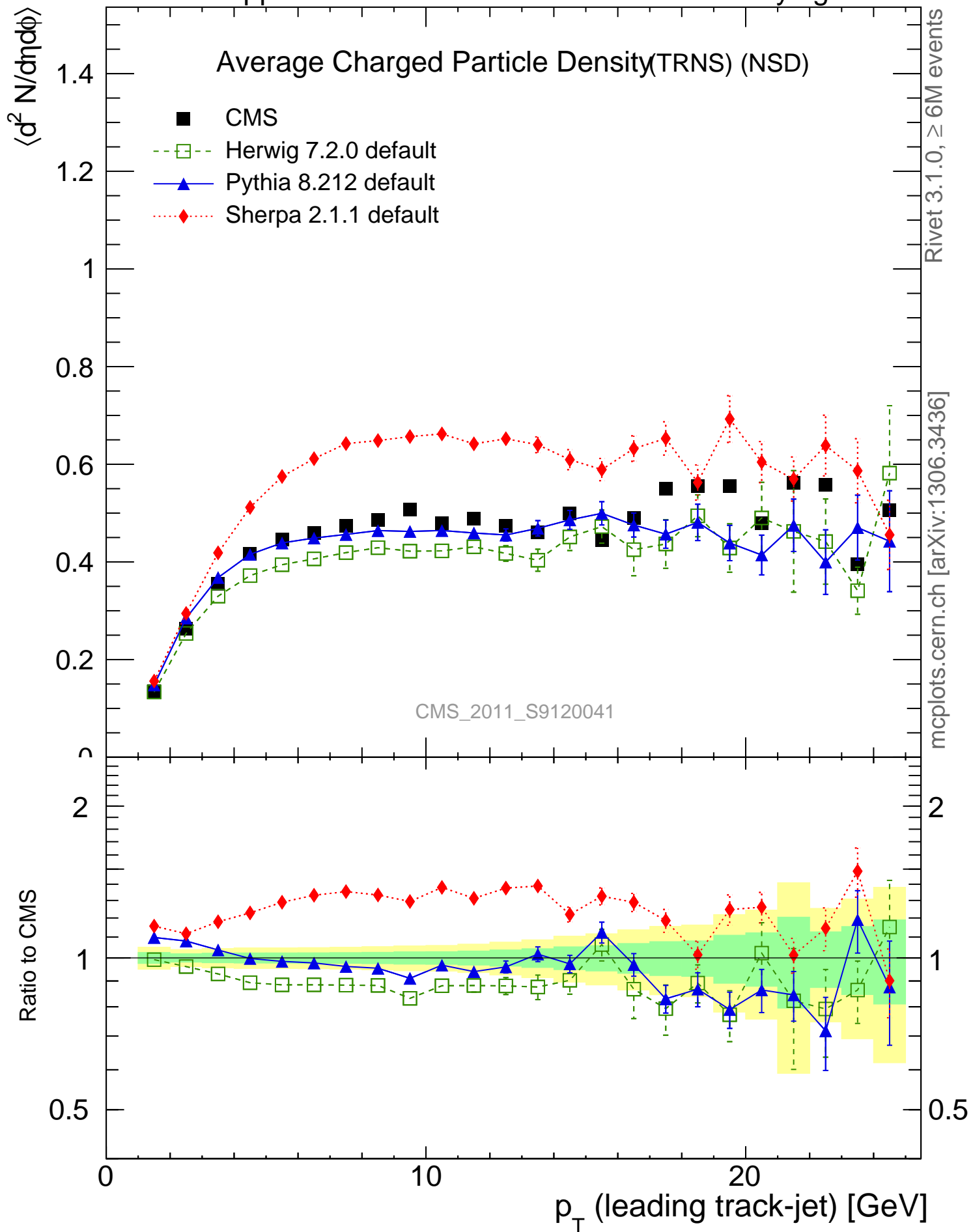


900 GeV pp

Underlying Event

## Average Charged Particle Density(TRNS) (NSD)

- CMS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.212 default
- - ◆ Sherpa 2.1.1 default

Rivet 3.1.0,  $\geq 6M$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S9120041

Ratio to CMS

2

1

0.5

 $p_T$  (leading track-jet) [GeV]