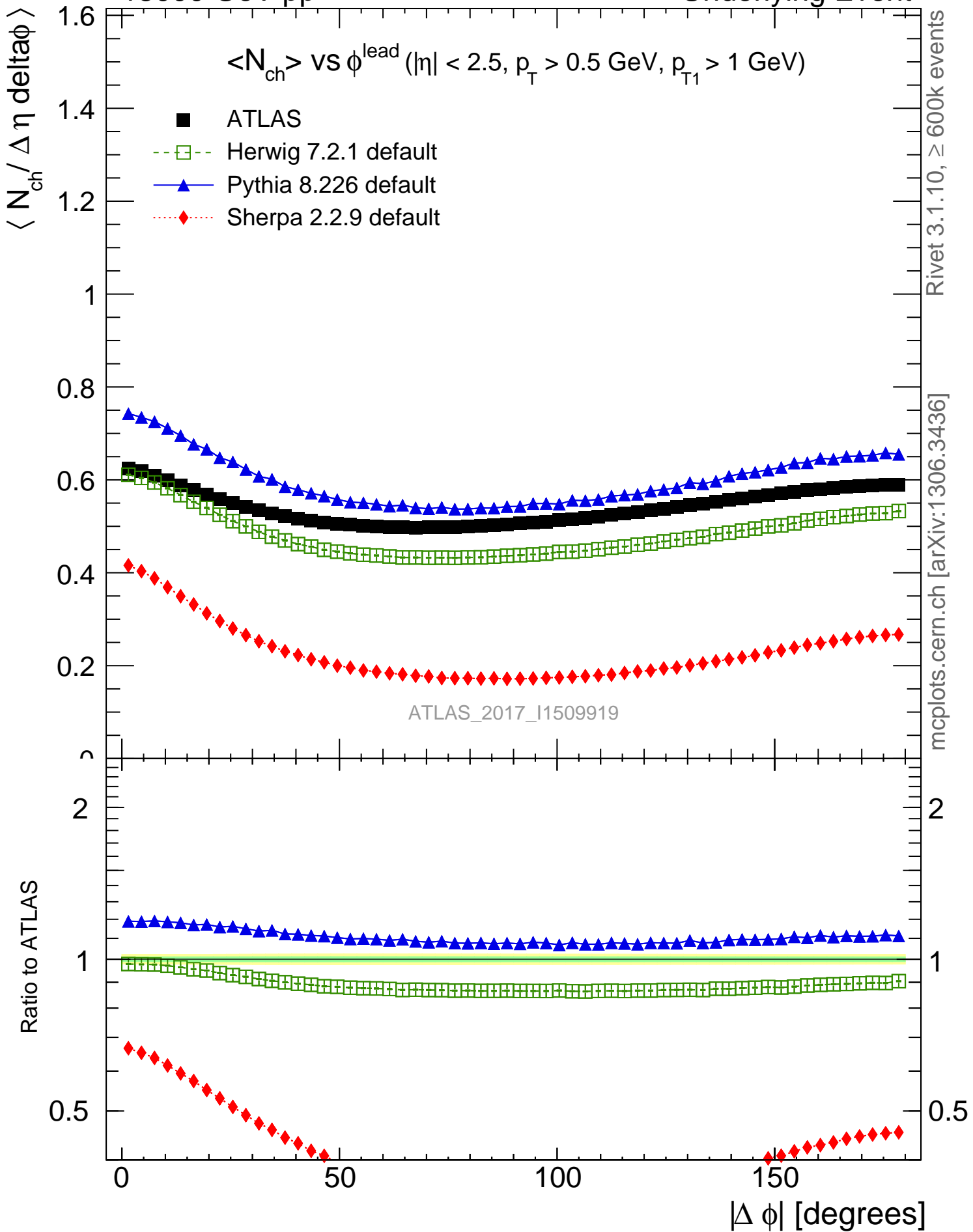


13000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs ϕ^{lead} ($|\eta| < 2.5$, $p_{\text{T}} > 0.5$ GeV, $p_{\text{T}1} > 1$ GeV)

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.226 default
- - ◆ Sherpa 2.2.9 default



Rivet 3.1.10, ≥ 600k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $|\Delta\phi|$ [degrees]