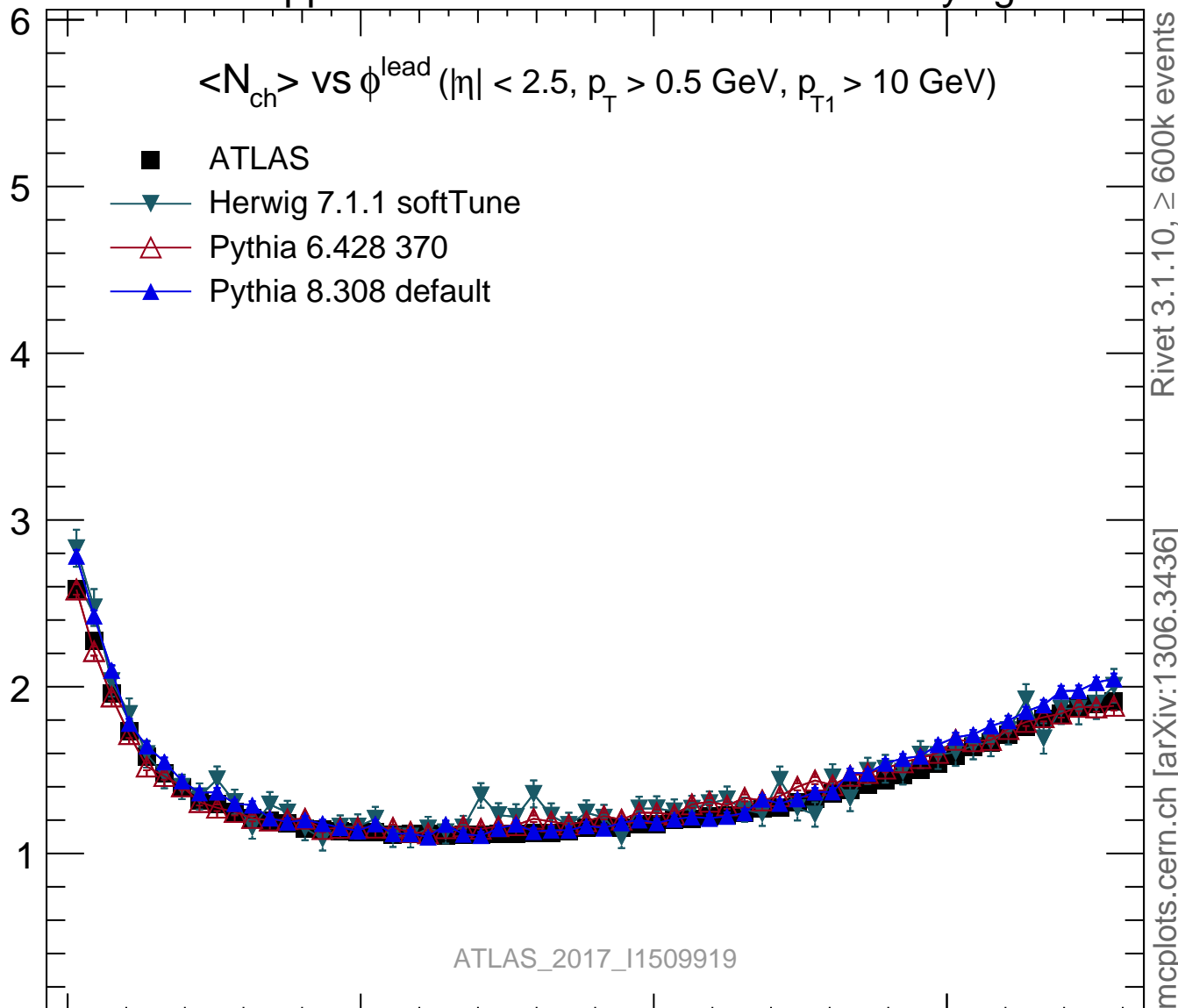


13000 GeV pp

Underlying Event

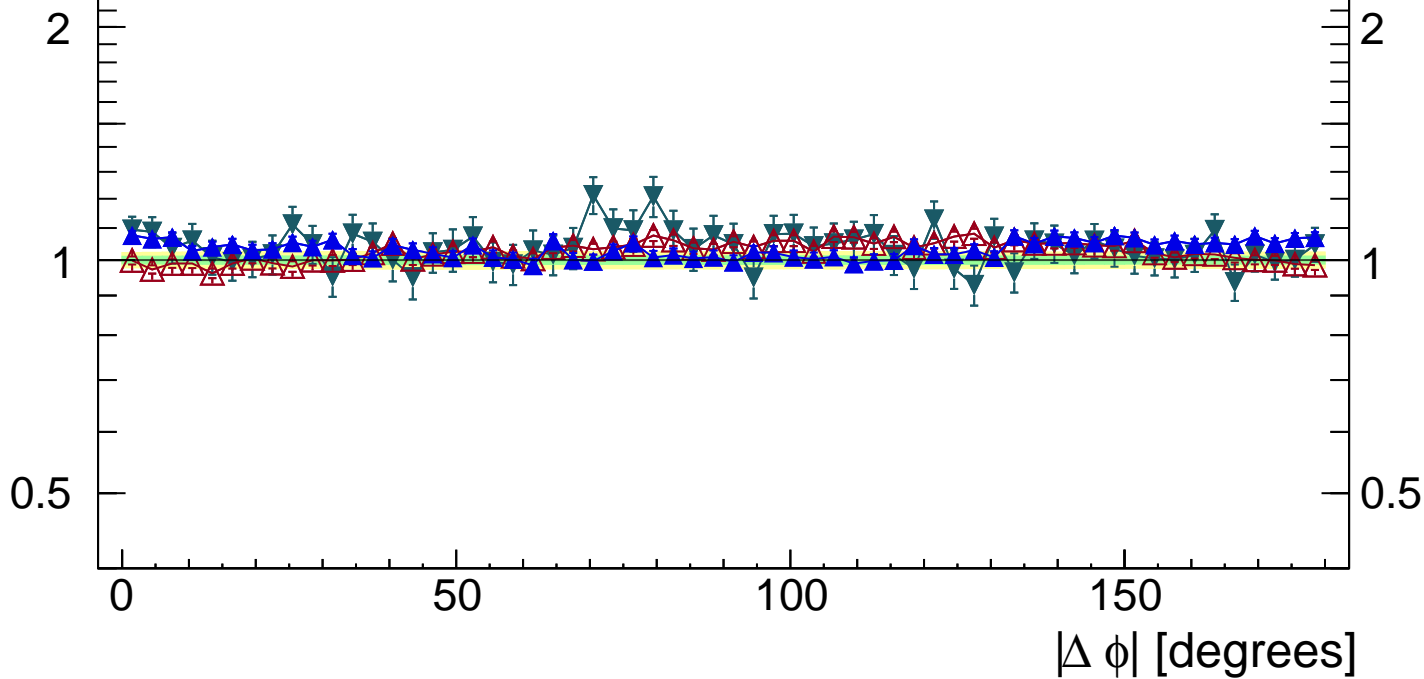
 $\langle N_{ch} \rangle$ vs ϕ^{lead} ($|\eta| < 2.5$, $p_T > 0.5$ GeV, $p_{T1} > 10$ GeV)

- ATLAS
- ▼ Herwig 7.1.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.308 default

Rivet 3.1.10, $\geq 600k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS



2

1

0.5

 $|\Delta \phi|$ [degrees]