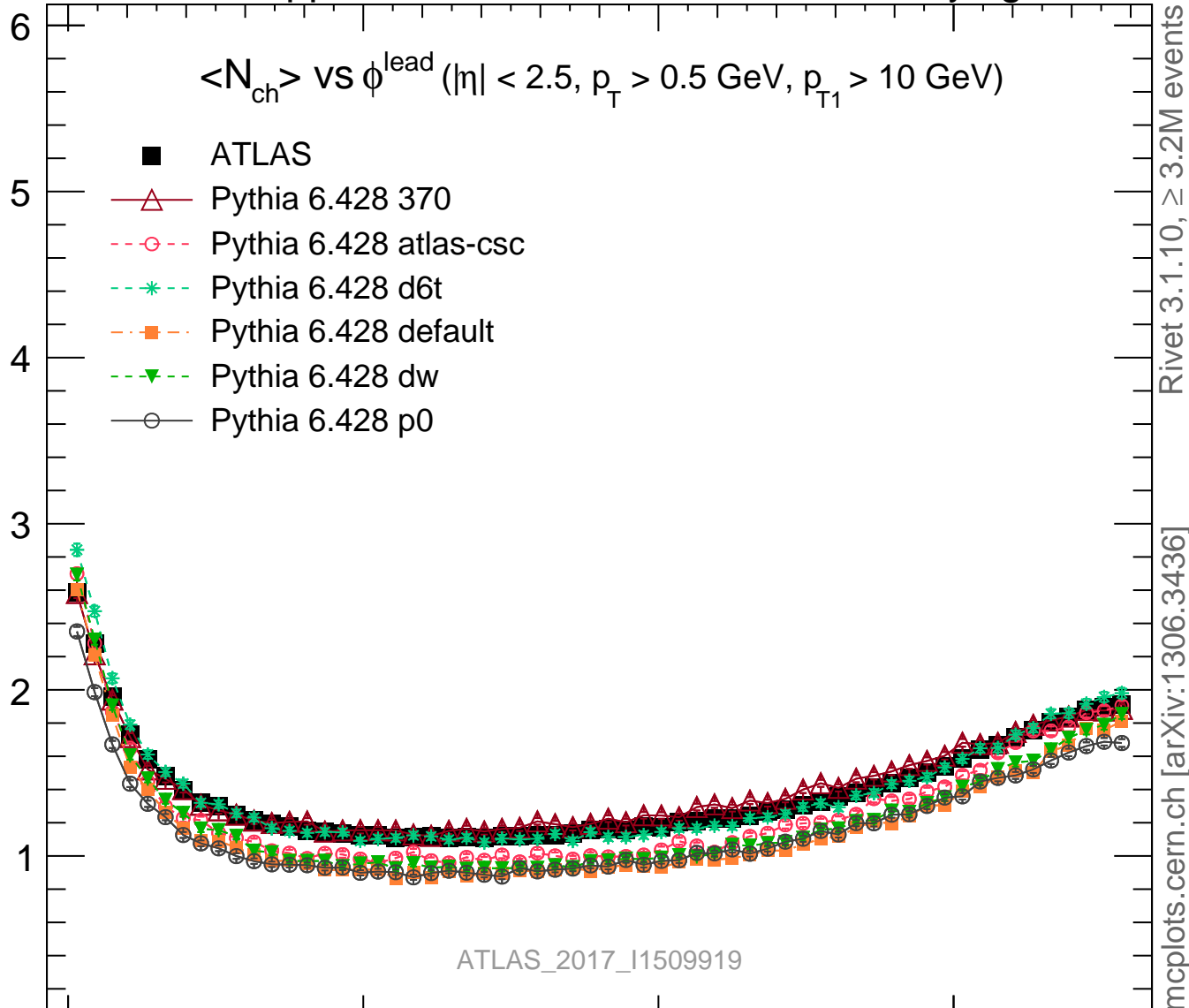


13000 GeV pp

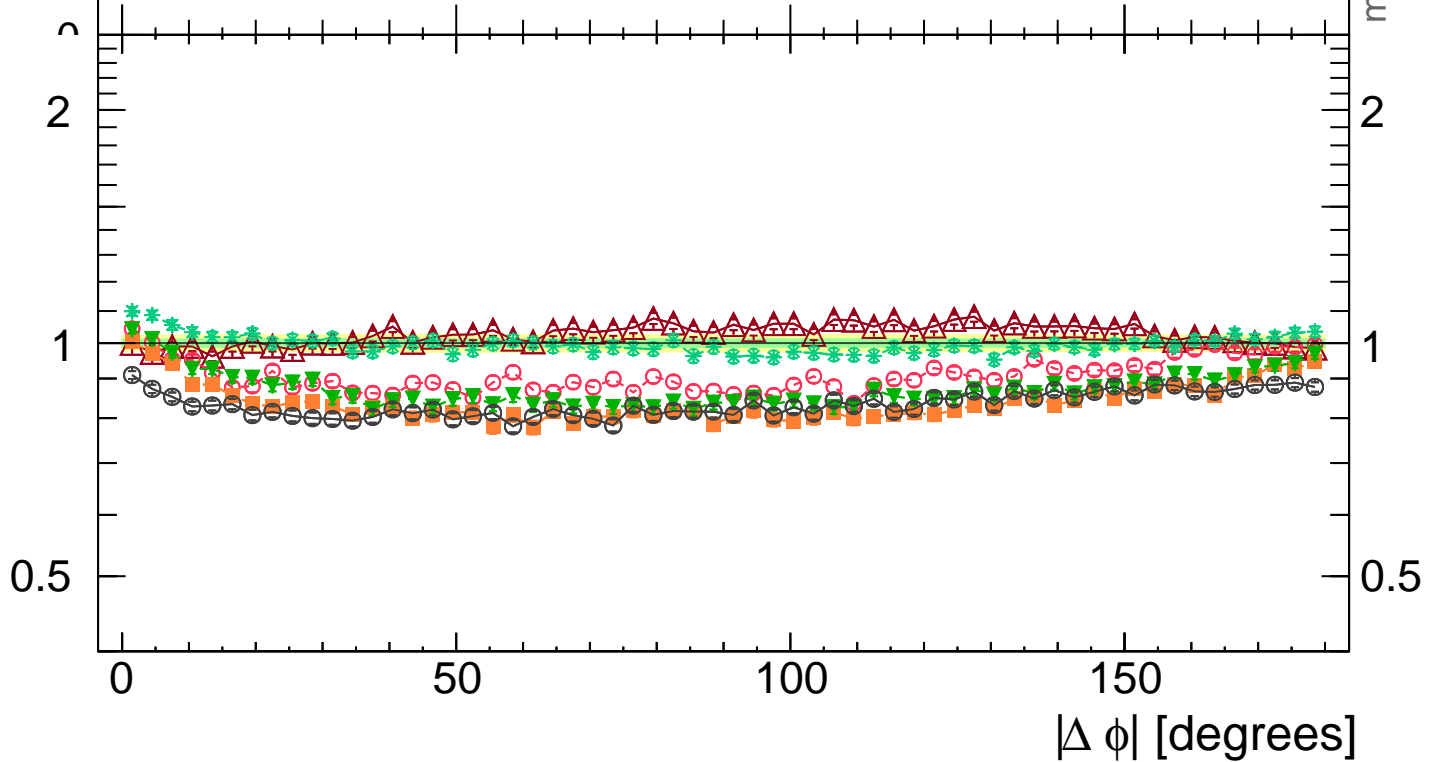
Underlying Event

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

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 atlas-csc
- * Pythia 6.428 d6t
- Pythia 6.428 default
- ▽ Pythia 6.428 dw
- Pythia 6.428 p0



Ratio to ATLAS



Rivet 3.1.10, ≥ 3.2M events

mcplots.cern.ch [arXiv:1306.3436]

 $|\Delta \phi|$ [degrees]