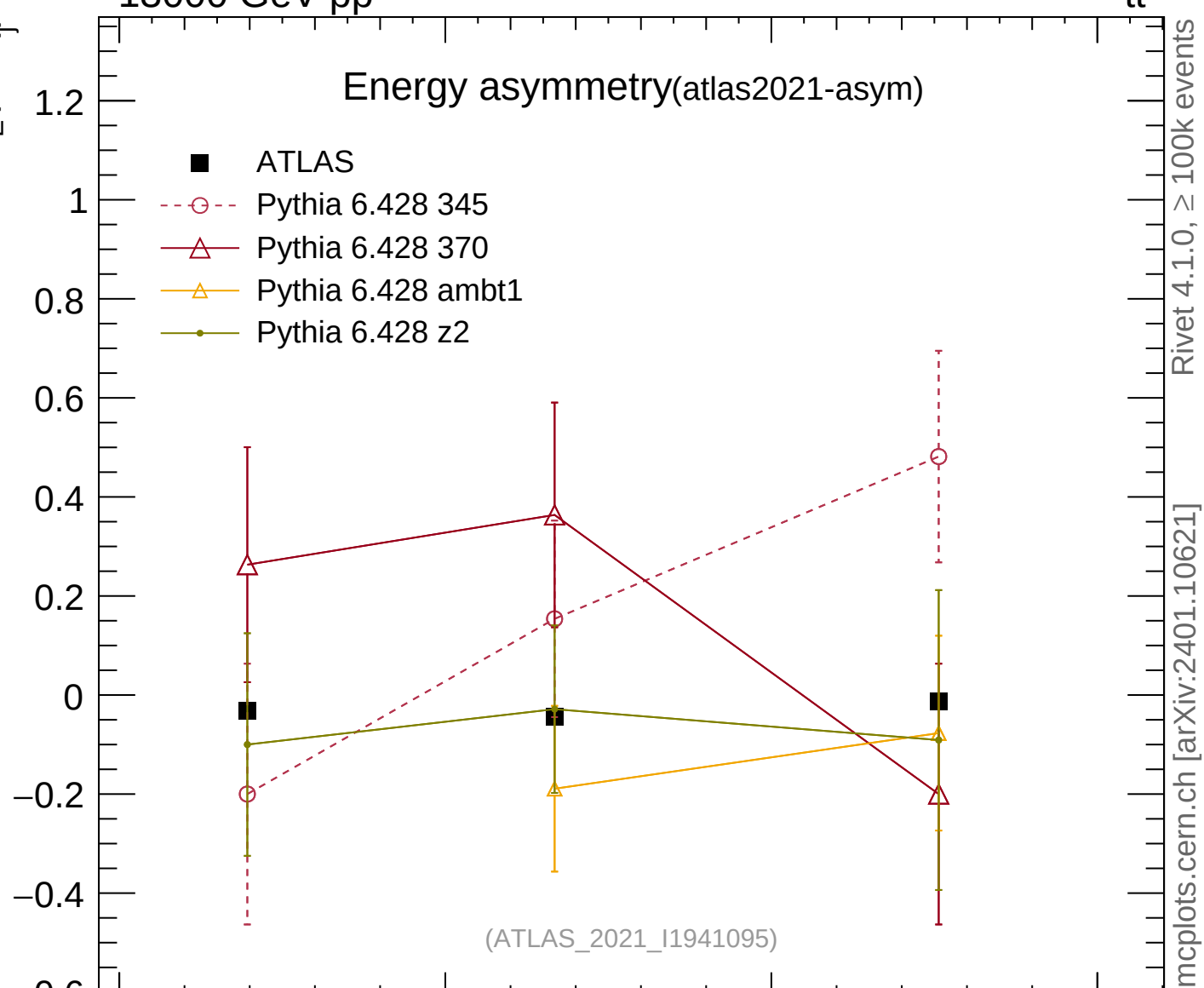


13000 GeV pp

 $t\bar{t}$ $A_E(\#t\bar{t}\eta_j)$

Energy asymmetry(atlas2021-asym)

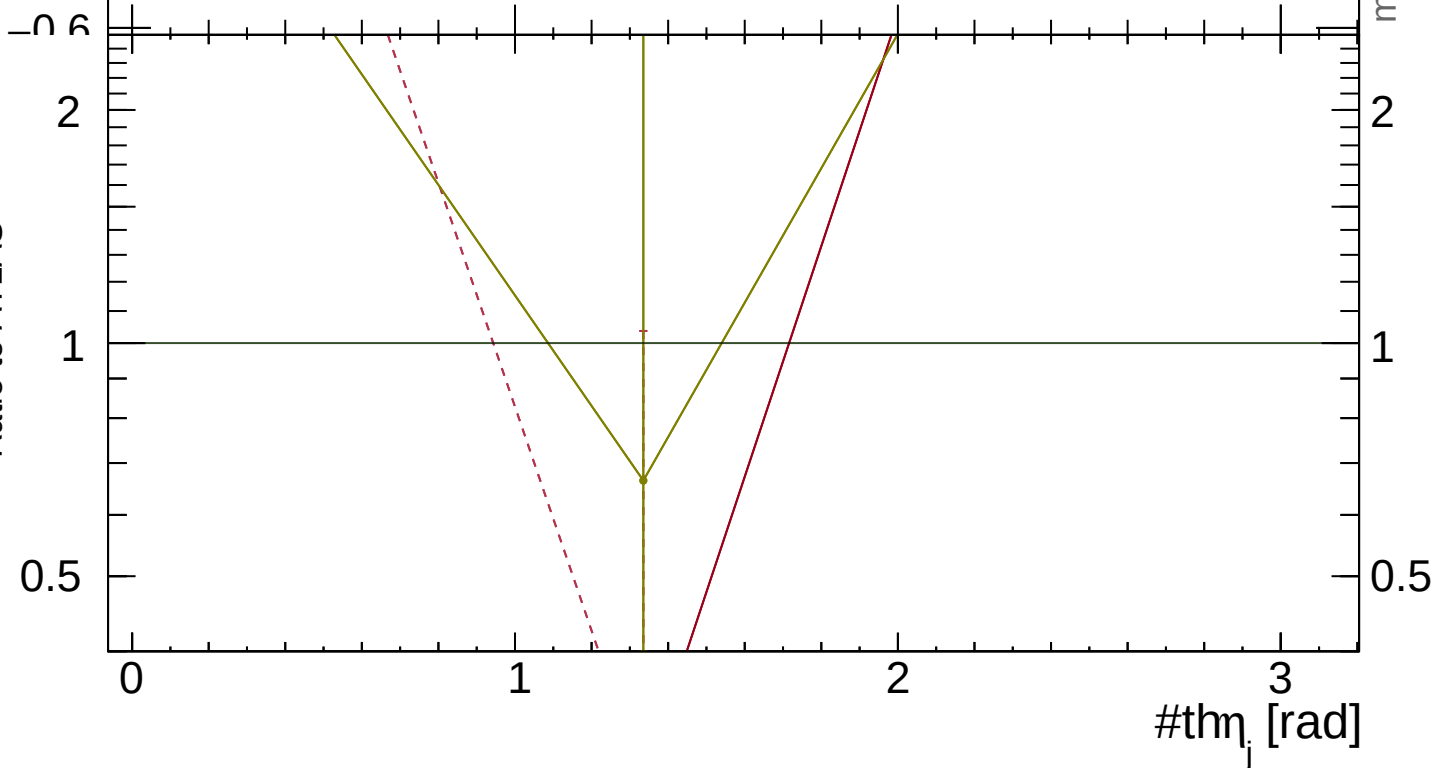
- ATLAS
- Pythia 6.428 345
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z2



Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

 $\#t\bar{t}\eta_j$ [rad]