

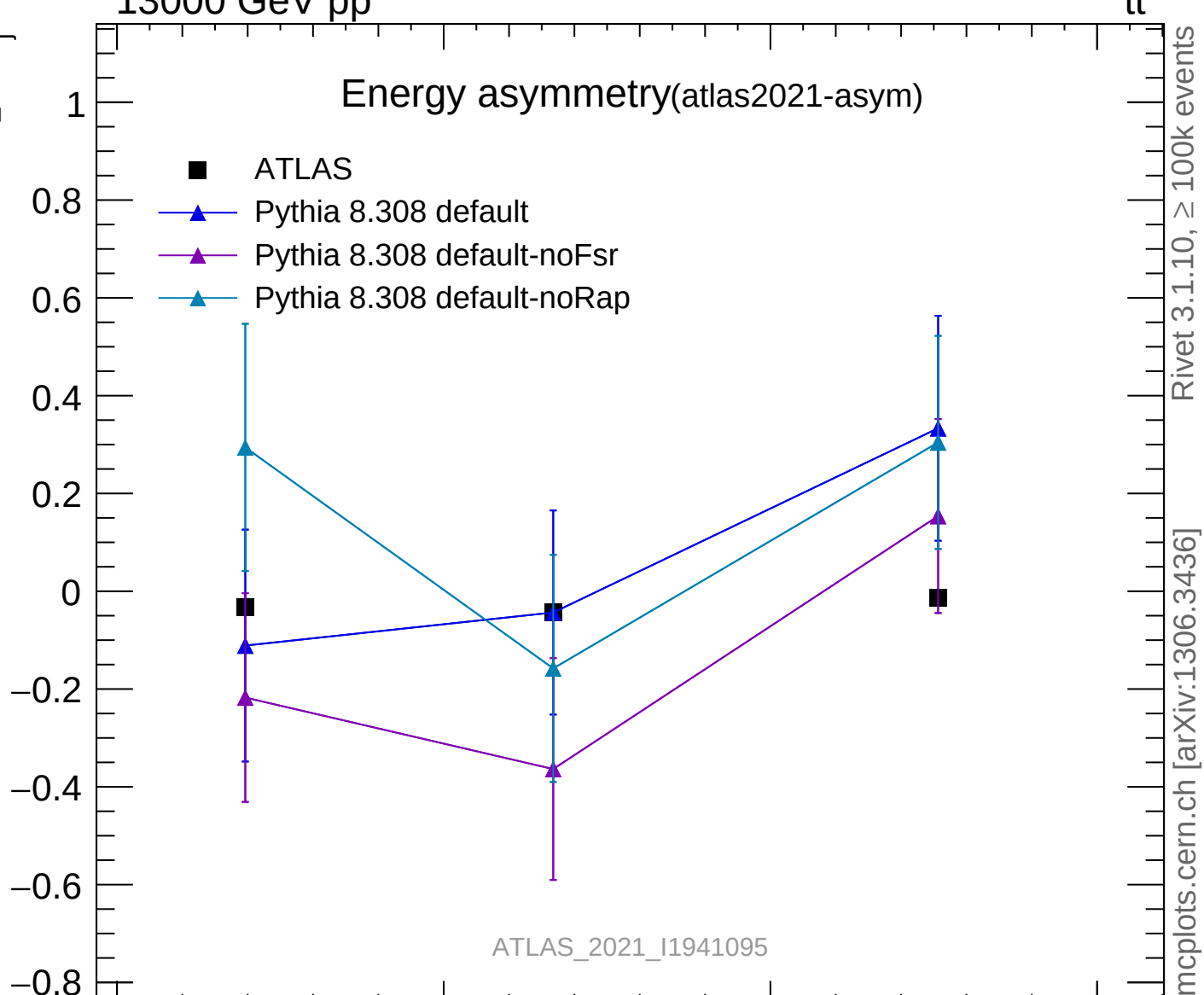
13000 GeV pp

 $t\bar{t}$ 

## Energy asymmetry(atlas2021-asym)

 $A_E(th\eta_j)$ 

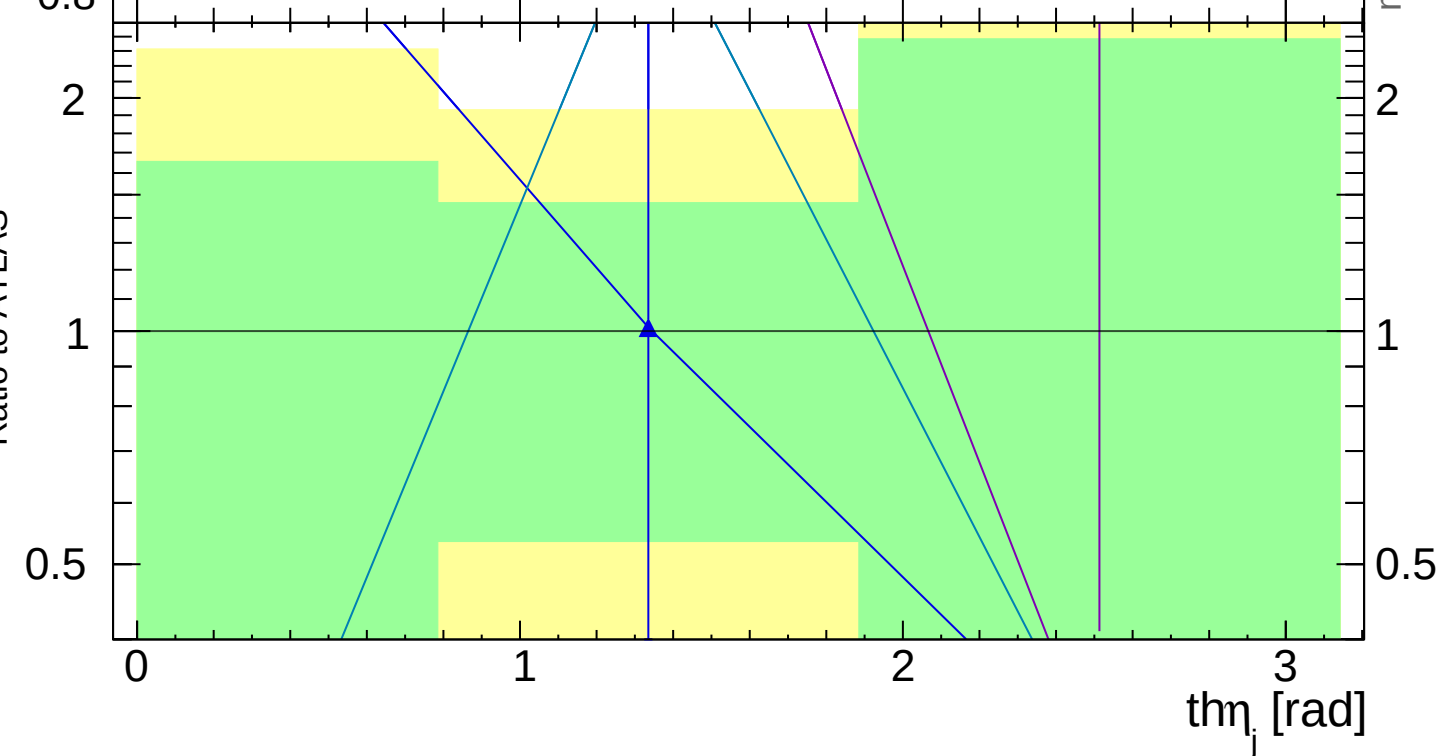
- ATLAS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noFsr
- ▲ Pythia 8.308 default-noRap

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2021\_I1941095

Ratio to ATLAS

 $th\eta_j$  [rad]