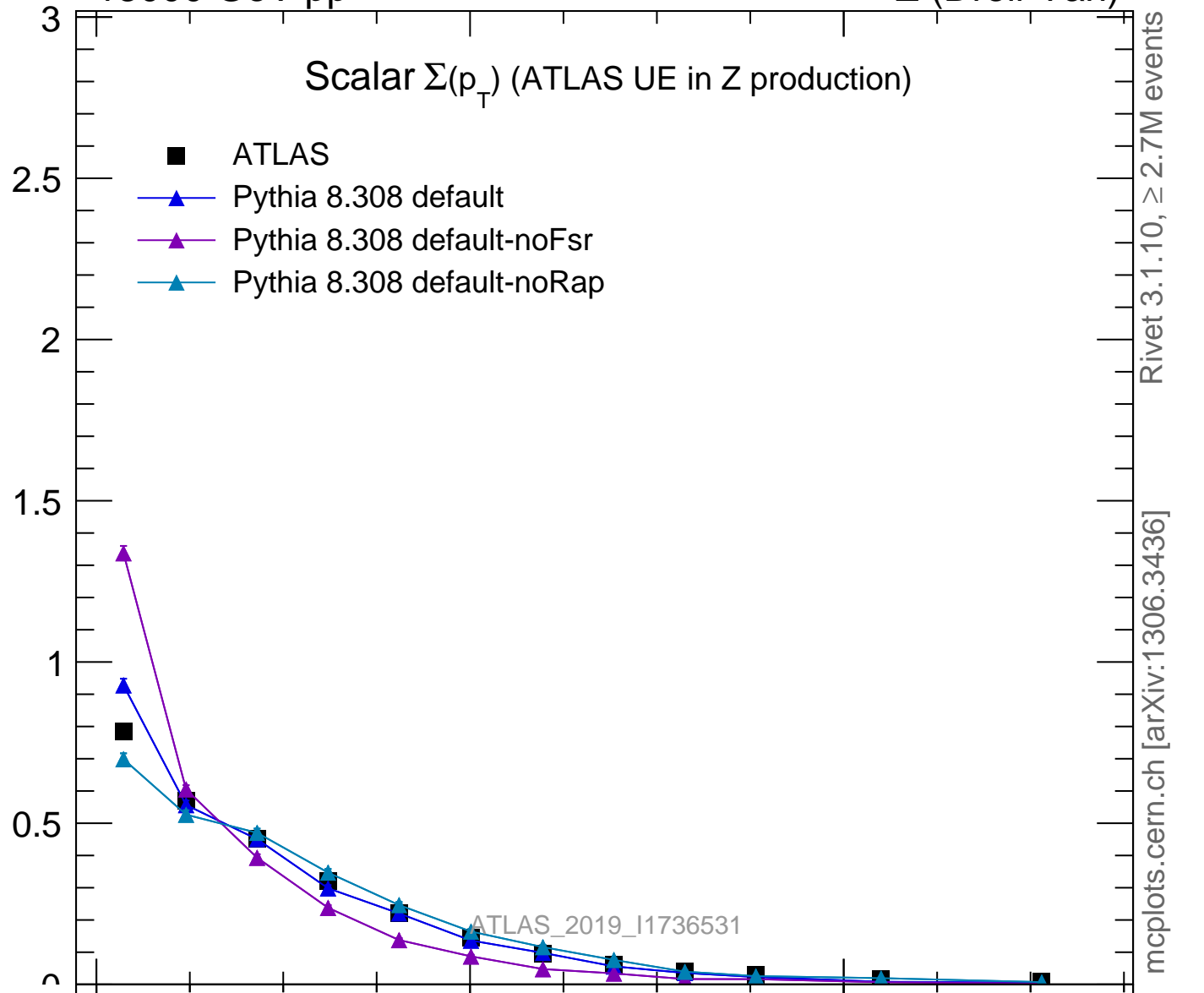


13000 GeV pp

Z (Drell-Yan)

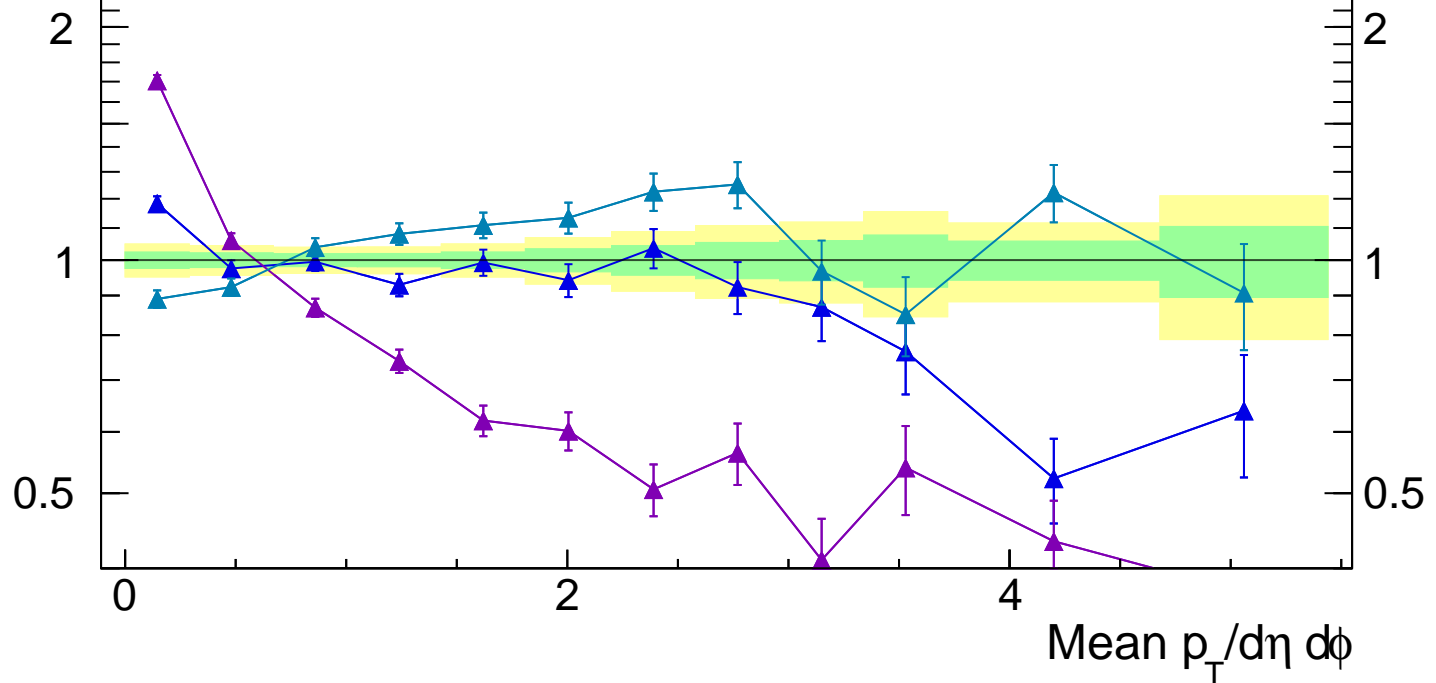
Scalar $\Sigma(p_T)$ (ATLAS UE in Z production)

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

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{mean } p_T [\text{GeV}]^{-1}$ Rivet 3.1.10, $\geq 2.7\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

Mean $p_T/d\eta d\phi$