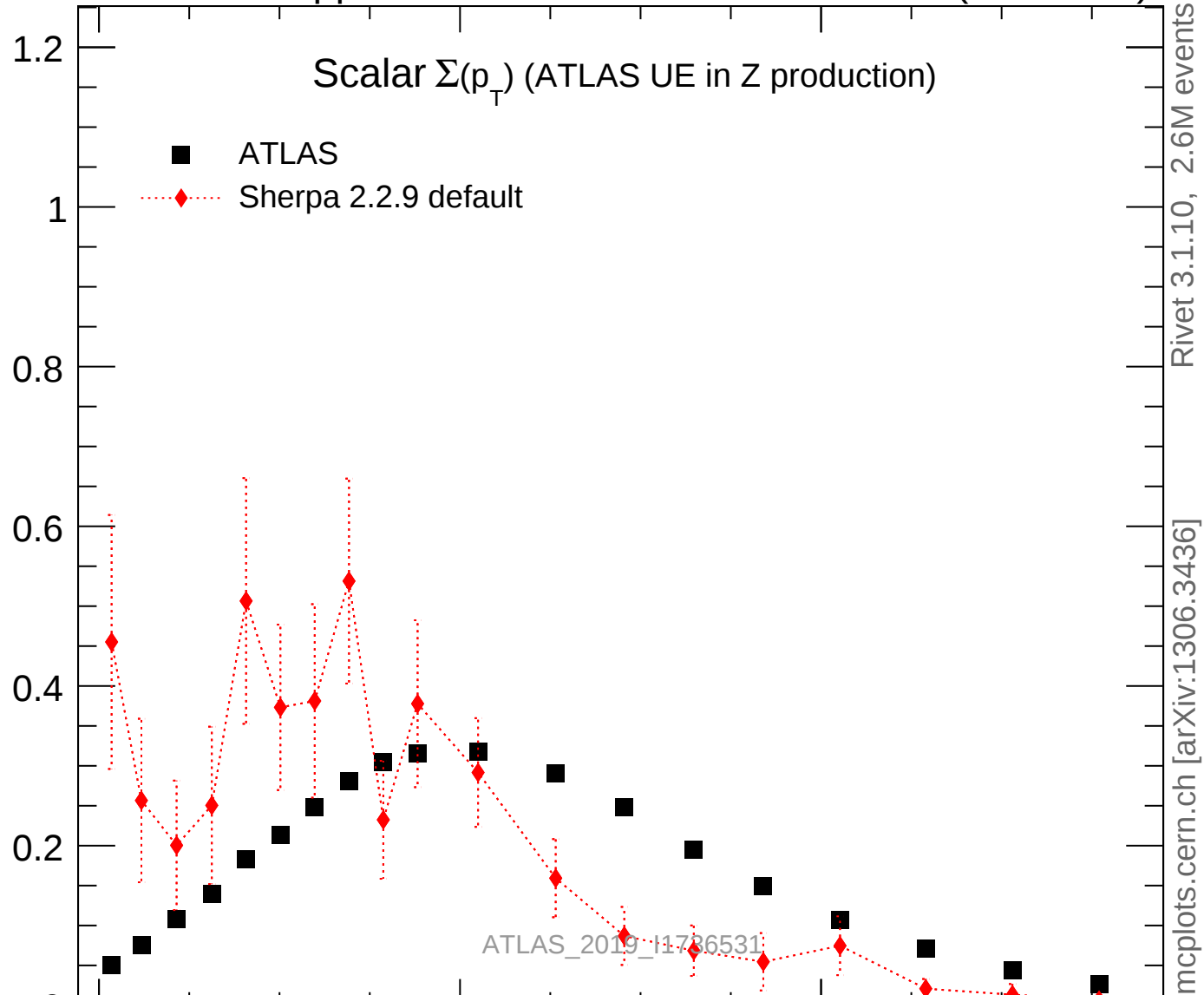


13000 GeV pp

Z (Drell-Yan)

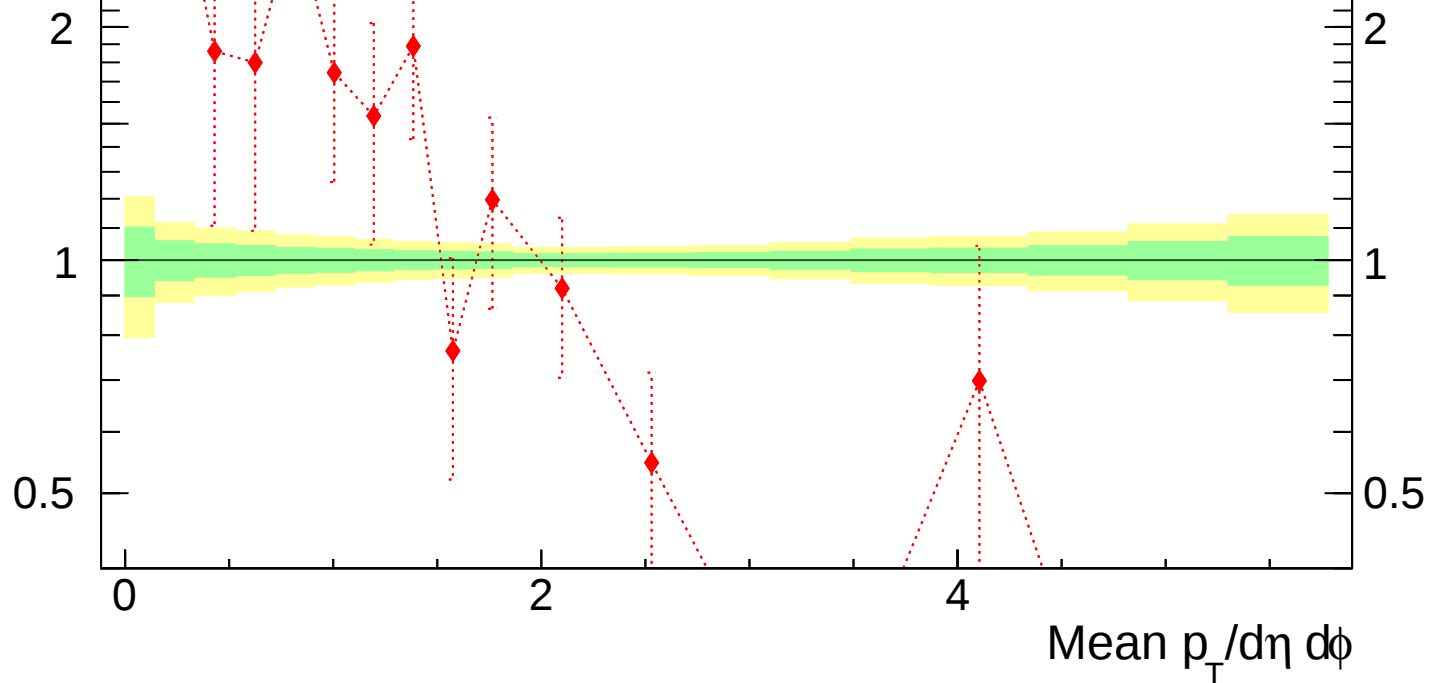
Scalar $\Sigma(p_T)$ (ATLAS UE in Z production)

- ATLAS
◆ Sherpa 2.2.9 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ 

ATLAS_2019_11786531

Ratio to ATLAS



Rivet 3.1.10, 2.6M events

mcplots.cern.ch [arXiv:1306.3436]

Mean $p_T/d\eta d\phi$