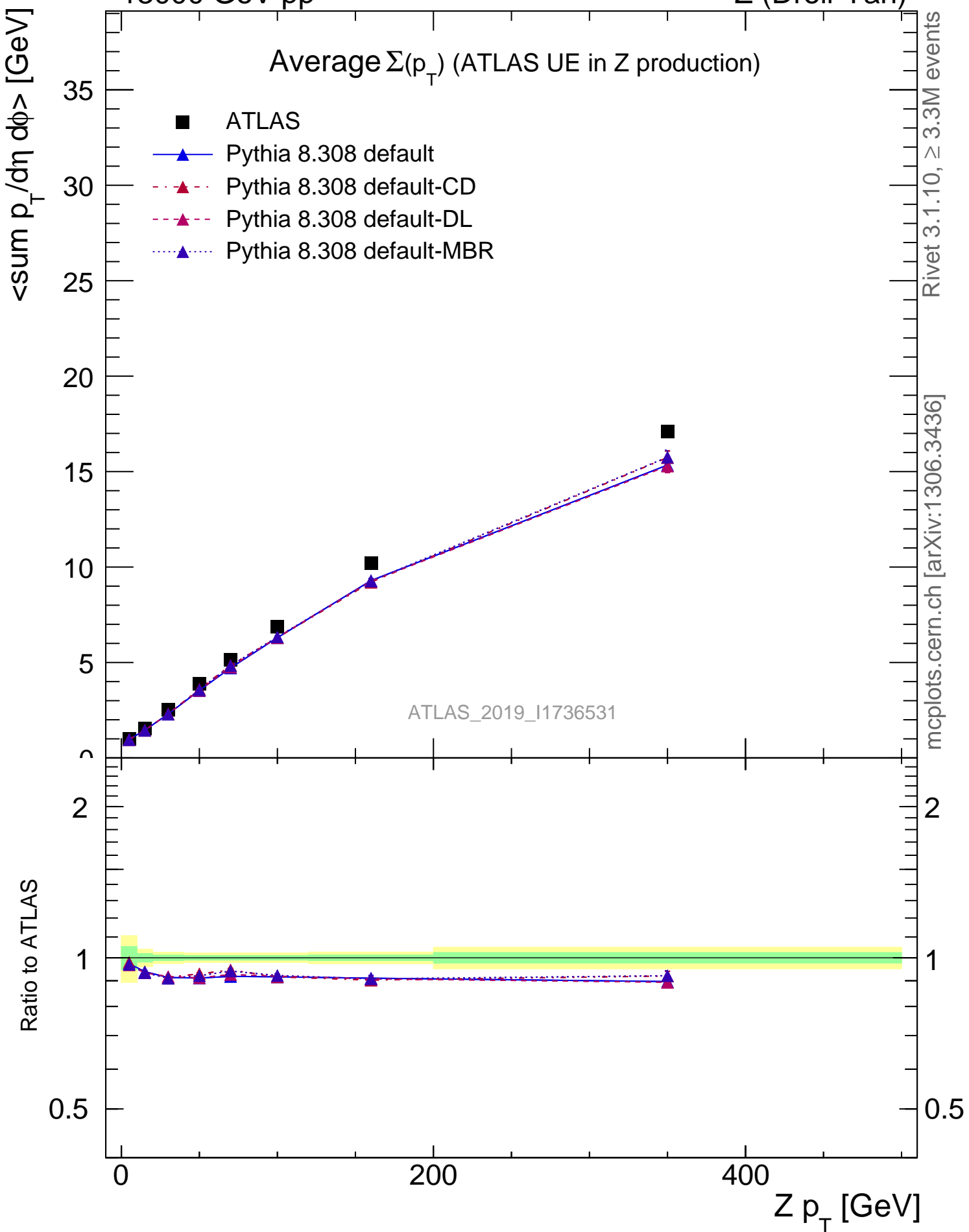


Average  $\Sigma(p_T)$  (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.308 default
- -▲ Pythia 8.308 default-CD
- -▲ Pythia 8.308 default-DL
- ⋯▲ Pythia 8.308 default-MBR

Rivet 3.1.10,  $\geq 3.3M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1736531