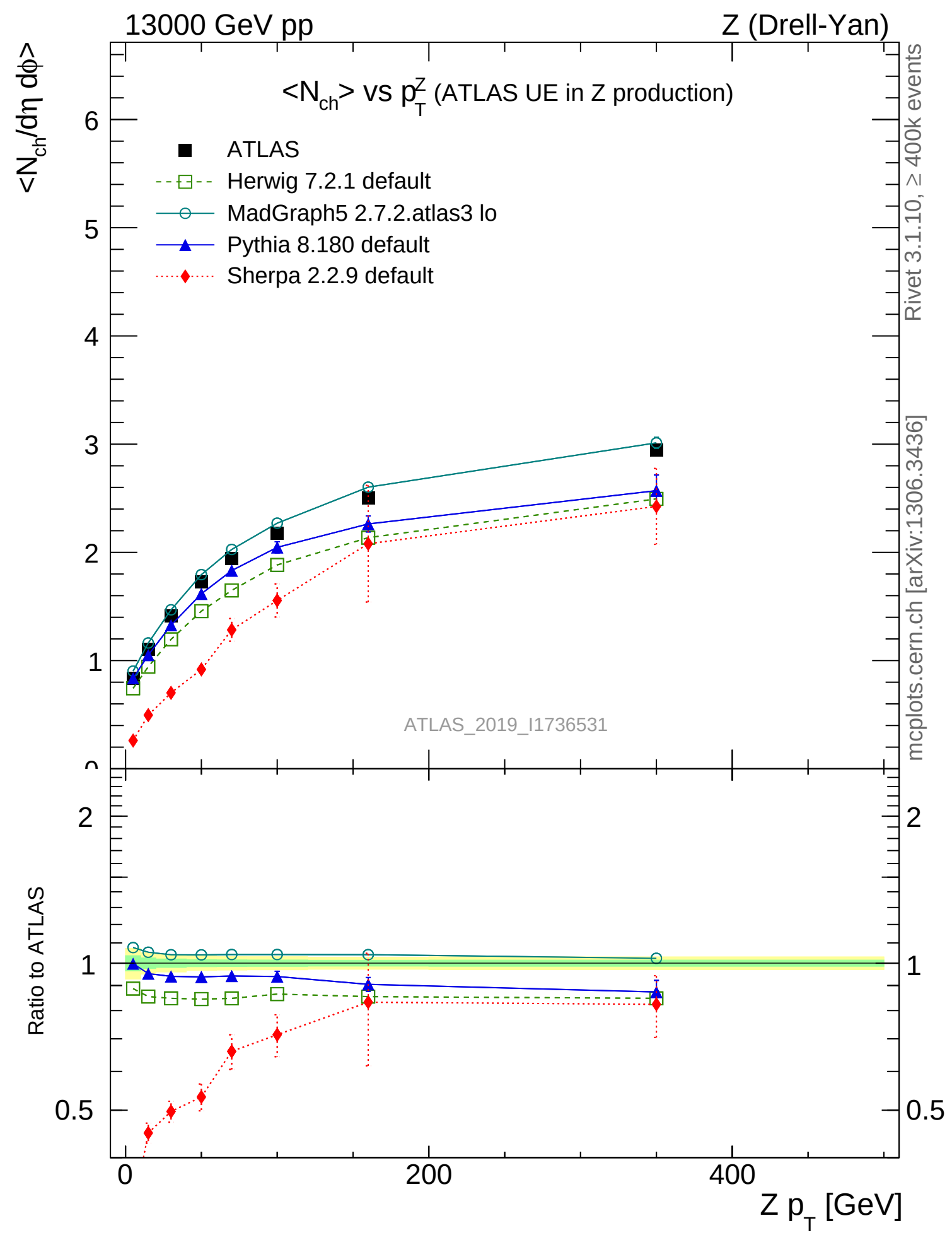
13000 GeV pp
Z (Drell-Yan)
<N_ch> vs p_T^Z (ATLAS UE in Z production)
ATLAS
Herwig 7.2.1 default
MadGraph5 2.7.2.atlas3 lo
Pythia 8.180 default
Sherpa 2.2.9 default
<N_ch>/dη dφ>
ATLAS_2019_I1736531
Rivet 3.1.10, ≥ 400k events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to ATLAS
Z p_T [GeV]
0
200
400
0.5
1
2
3
4
5
6