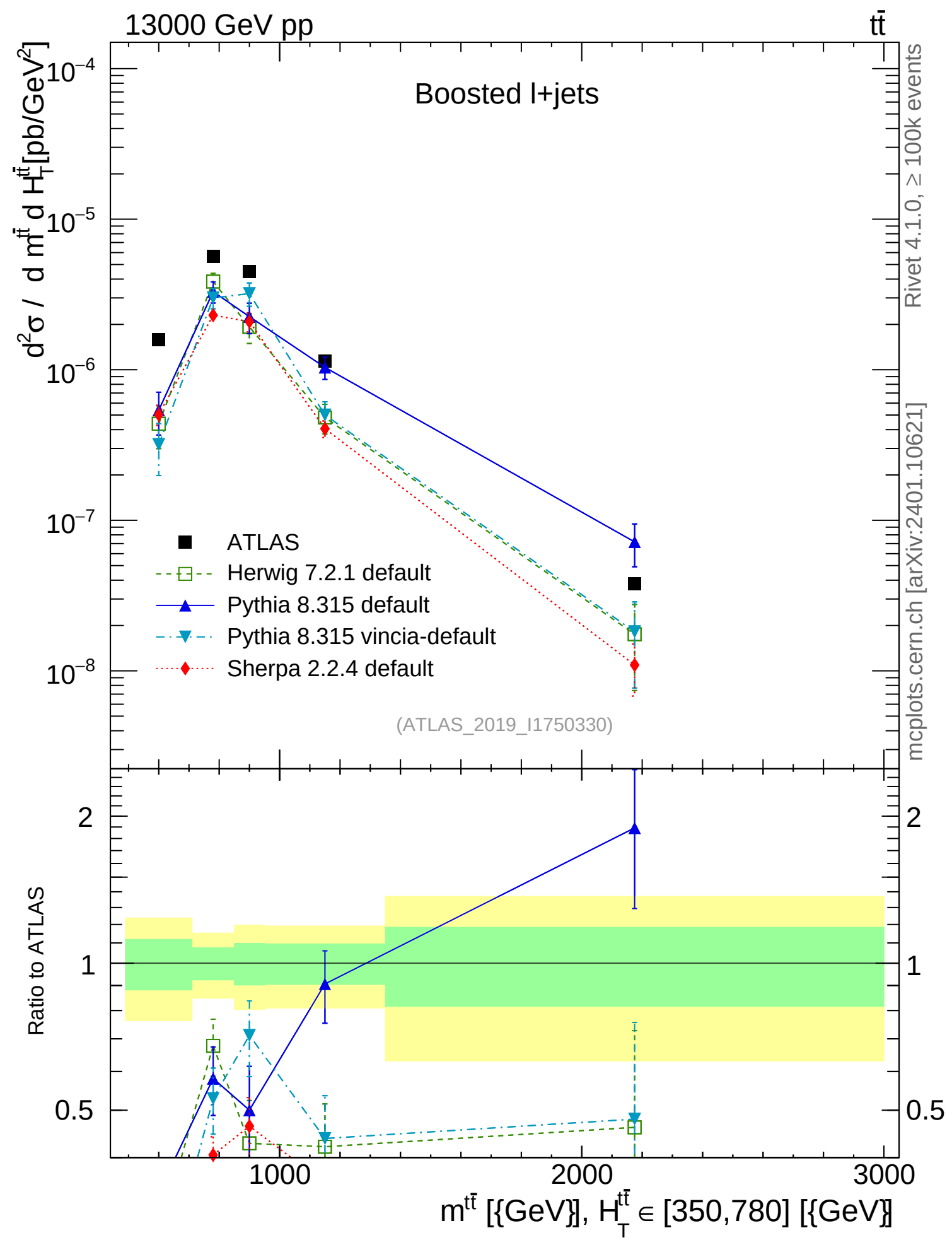
13000 GeV pp
$t\bar{t}$
Boosted l+jets
$d^2\sigma / d m^{t\bar{t}} d H_T^{t\bar{t}}$ [pb/GeV$^2$]
$10^{-4}$
$10^{-5}$
$10^{-6}$
$10^{-7}$
$10^{-8}$
ATLAS
Herwig 7.2.1 default
Pythia 8.315 default
Pythia 8.315 vincia-default
Sherpa 2.2.4 default
(ATLAS_2019_I1750330)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to ATLAS
2
1
0.5
1000
2000
3000
$m^{t\bar{t}}$ [{GeV}], $H_T^{t\bar{t}} \in$ [350,780] [{GeV}]