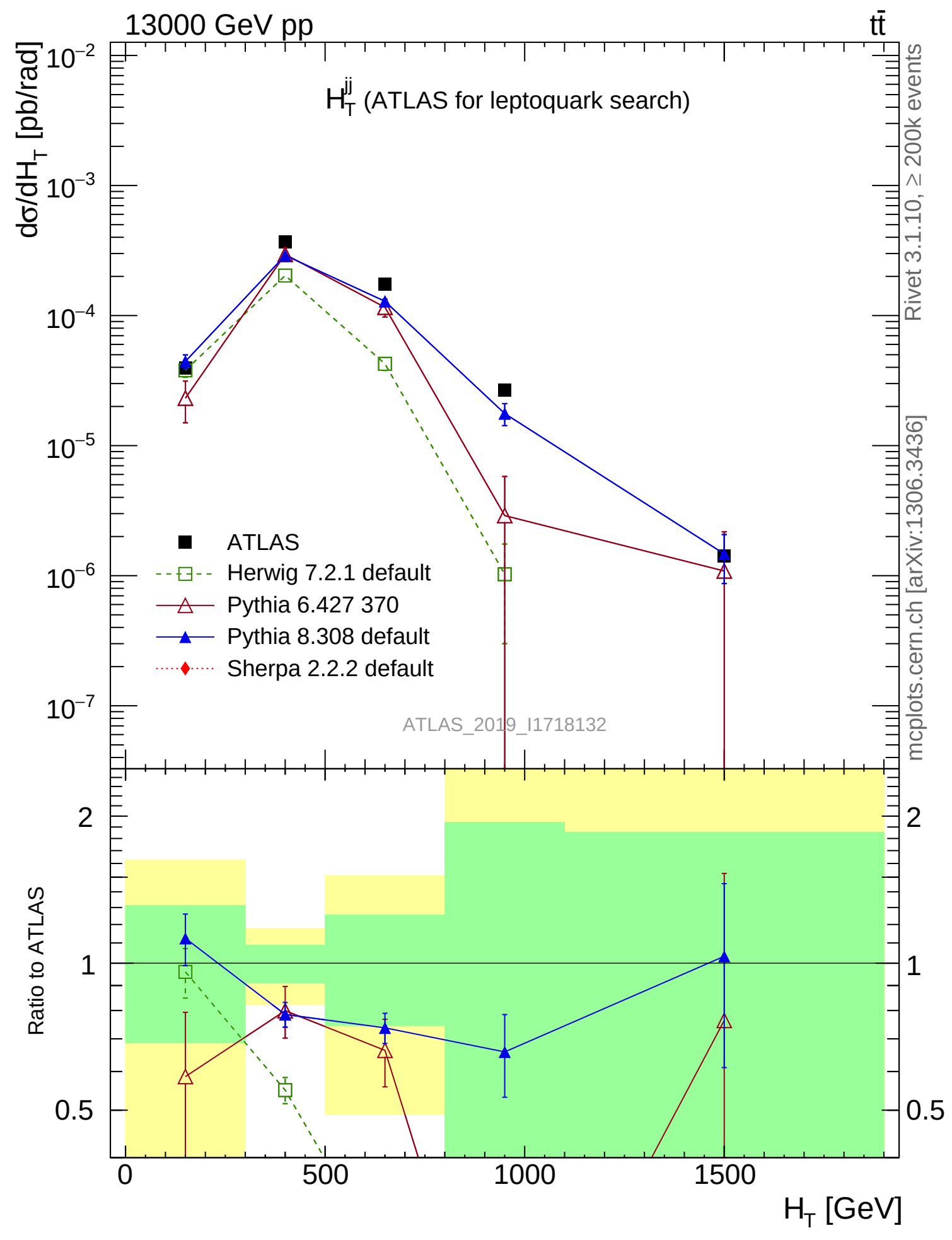
13000 GeV pp
$t\bar{t}$
H_T^{jj} (ATLAS for leptoquark search)
$d\sigma/dH_T$ [pb/rad]
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
ATLAS
Herwig 7.2.1 default
Pythia 6.427 370
Pythia 8.308 default
Sherpa 2.2.2 default
ATLAS_2019_I1718132
Rivet 3.1.10, ≥ 200k events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to ATLAS
2
1
0.5
0
500
1000
1500
H_T [GeV]