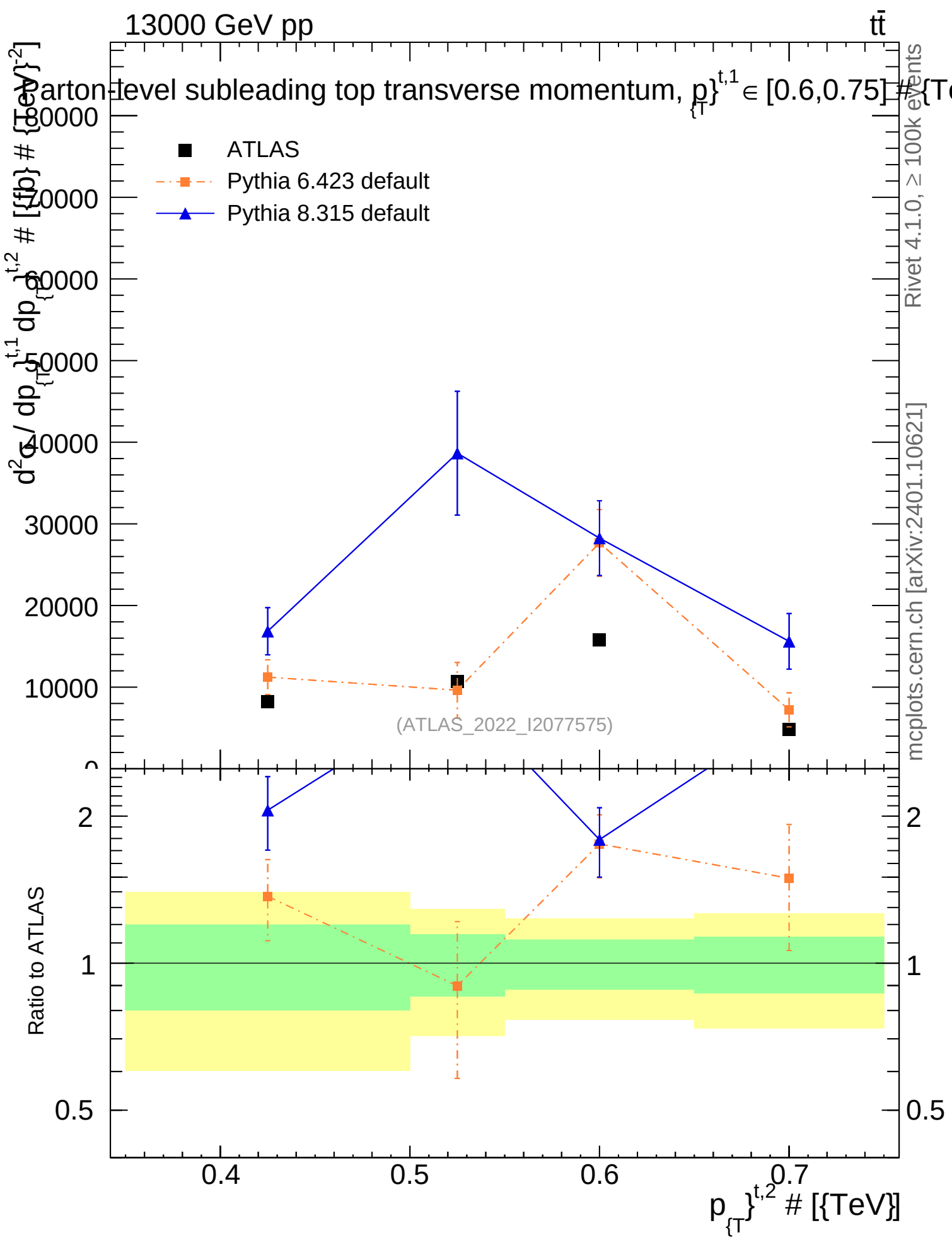
13000 GeV pp
tt̄
Parton-level subleading top transverse momentum, p_T^{t,1} ∈ [0.6,0.75] # [TeV]
ATLAS
Pythia 6.423 default
Pythia 8.315 default
(ATLAS_2022_I2077575)
d²σ / dp_T^{t,1} dp_T^{t,2} # [fb/TeV²]
80000
70000
60000
50000
40000
30000
20000
10000
0
Ratio to ATLAS
2
1
0.5
0.4
0.5
0.6
0.7
p_T^{t,2} # [TeV]
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]