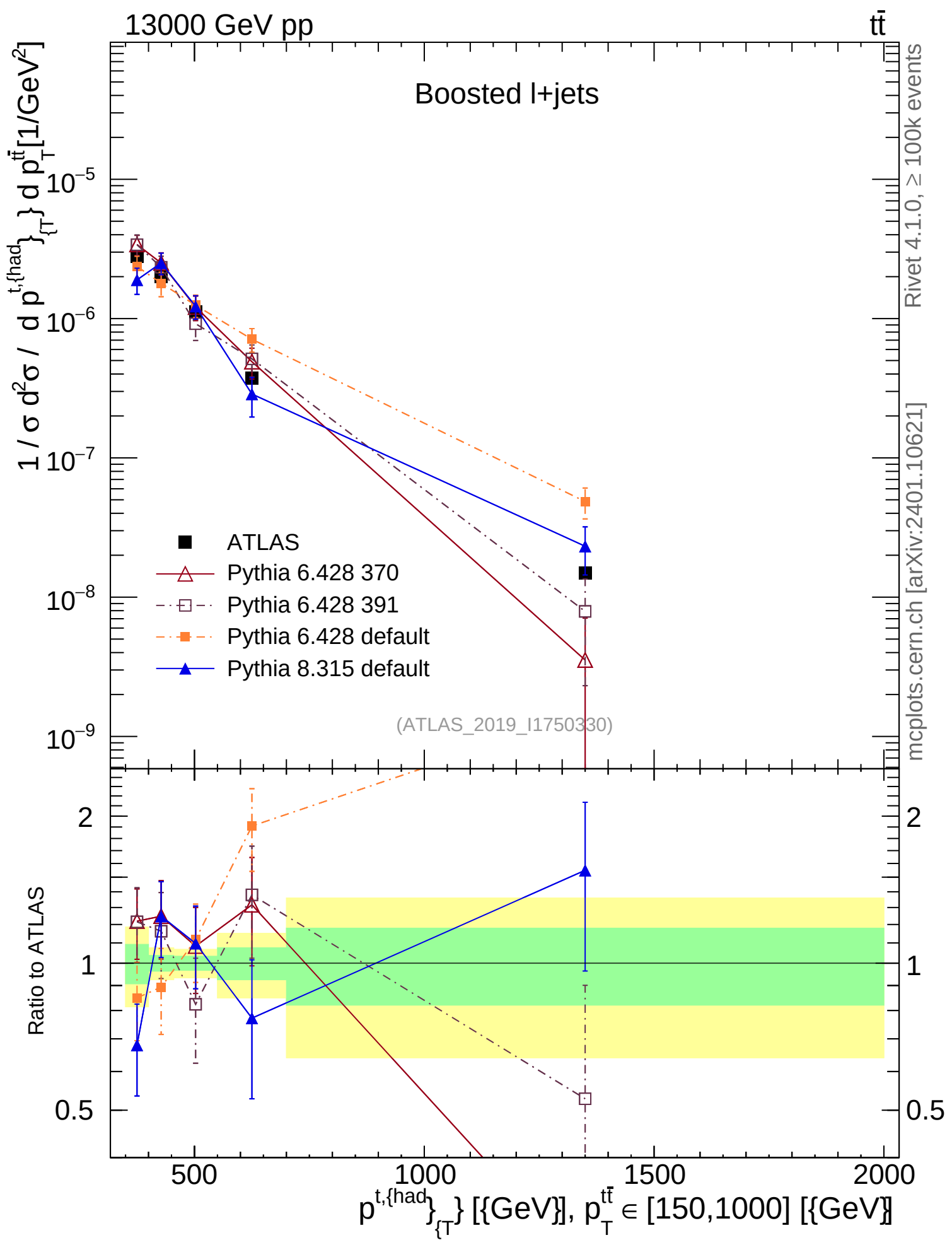
13000 GeV pp
tt̄
Boosted l+jets
1 / σ d²σ / d p_T^{t,{had}}_{T} } d p_T^{tt̄} [1/GeV²]
10⁻⁵
10⁻⁶
10⁻⁷
10⁻⁸
10⁻⁹
ATLAS
Pythia 6.428 370
Pythia 6.428 391
Pythia 6.428 default
Pythia 8.315 default
(ATLAS_2019_I1750330)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to ATLAS
2
1
0.5
500
1000
1500
2000
p_T^{t,{had}}_{T} } [{GeV}], p_T^{tt̄} ∈ [150,1000] [{GeV}]