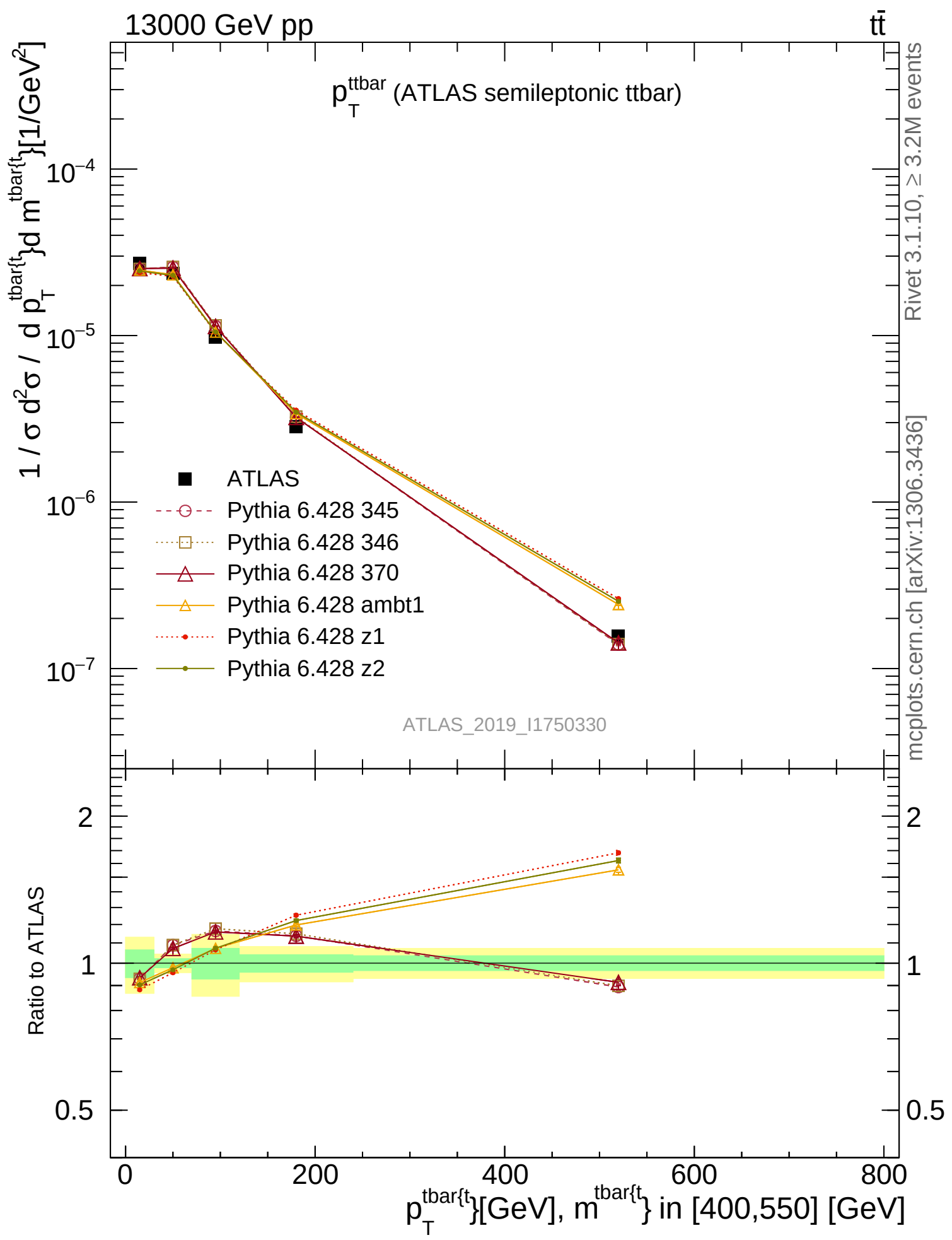
13000 GeV pp
$t\bar{t}$
p_T^{ttbar} (ATLAS semileptonic ttbar)
$1 / \sigma\, d^2\sigma / d\, p_T^{tbar\{t\}} d\, m^{tbar\{t\}}$ [1/GeV^2]
10^{-4}
10^{-5}
10^{-6}
10^{-7}
ATLAS
Pythia 6.428 345
Pythia 6.428 346
Pythia 6.428 370
Pythia 6.428 ambt1
Pythia 6.428 z1
Pythia 6.428 z2
ATLAS_2019_I1750330
Rivet 3.1.10, ≥ 3.2M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to ATLAS
2
1
0.5
0
200
400
600
800
$p_T^{tbar\{t\}}$ [GeV], $m^{tbar\{t\}}$ in [400,550] [GeV]