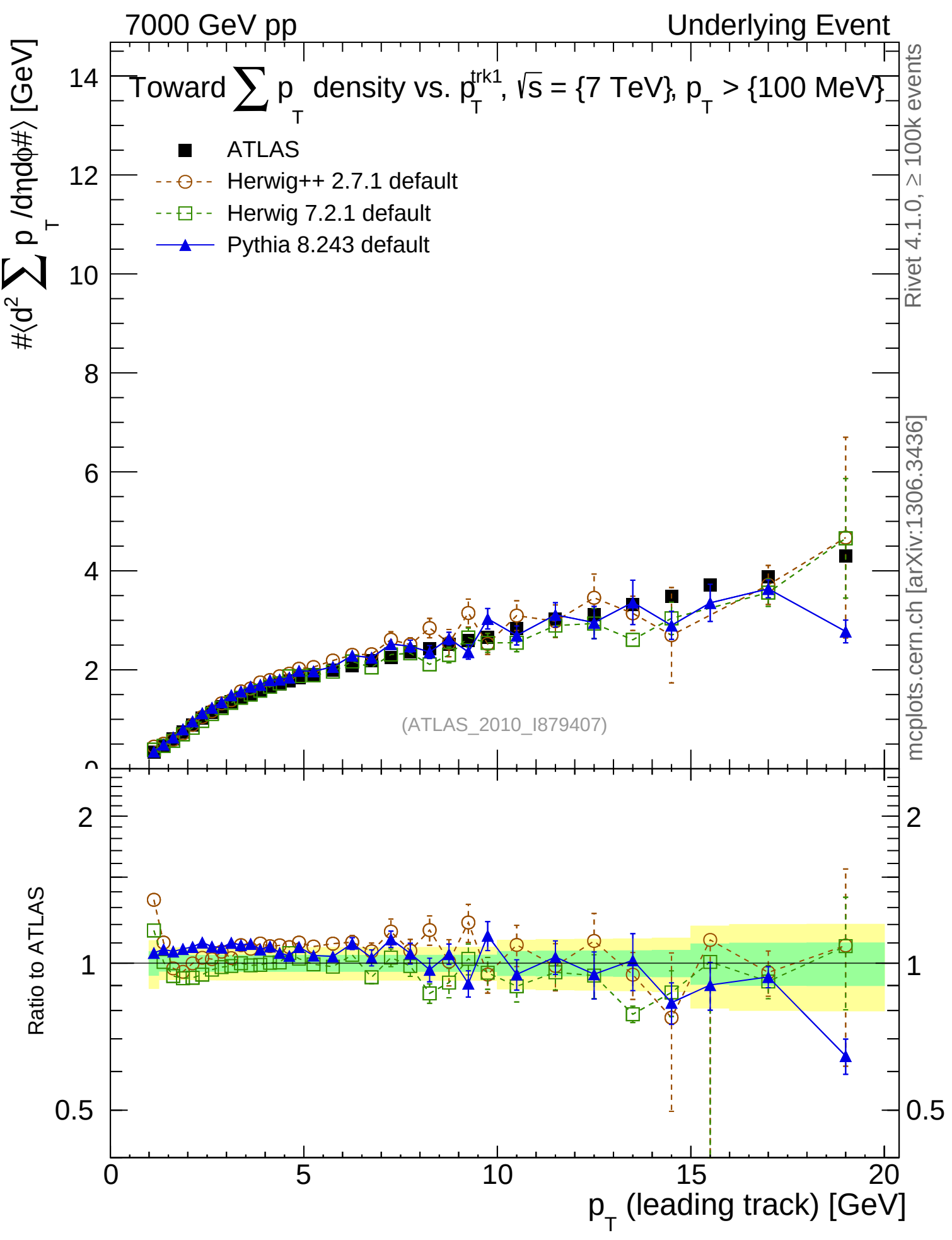
7000 GeV pp
Underlying Event
Toward $\sum p_T$ density vs. p_T^{trk1}, $\sqrt{s}$ = {7 TeV}, p_T > {100 MeV}
ATLAS
Herwig++ 2.7.1 default
Herwig 7.2.1 default
Pythia 8.243 default
(ATLAS_2010_I879407)
$\#\langle d^2 \sum p_T / d\eta d\phi \# \rangle$ [GeV]
Ratio to ATLAS
p_T (leading track) [GeV]
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:1306.3436]