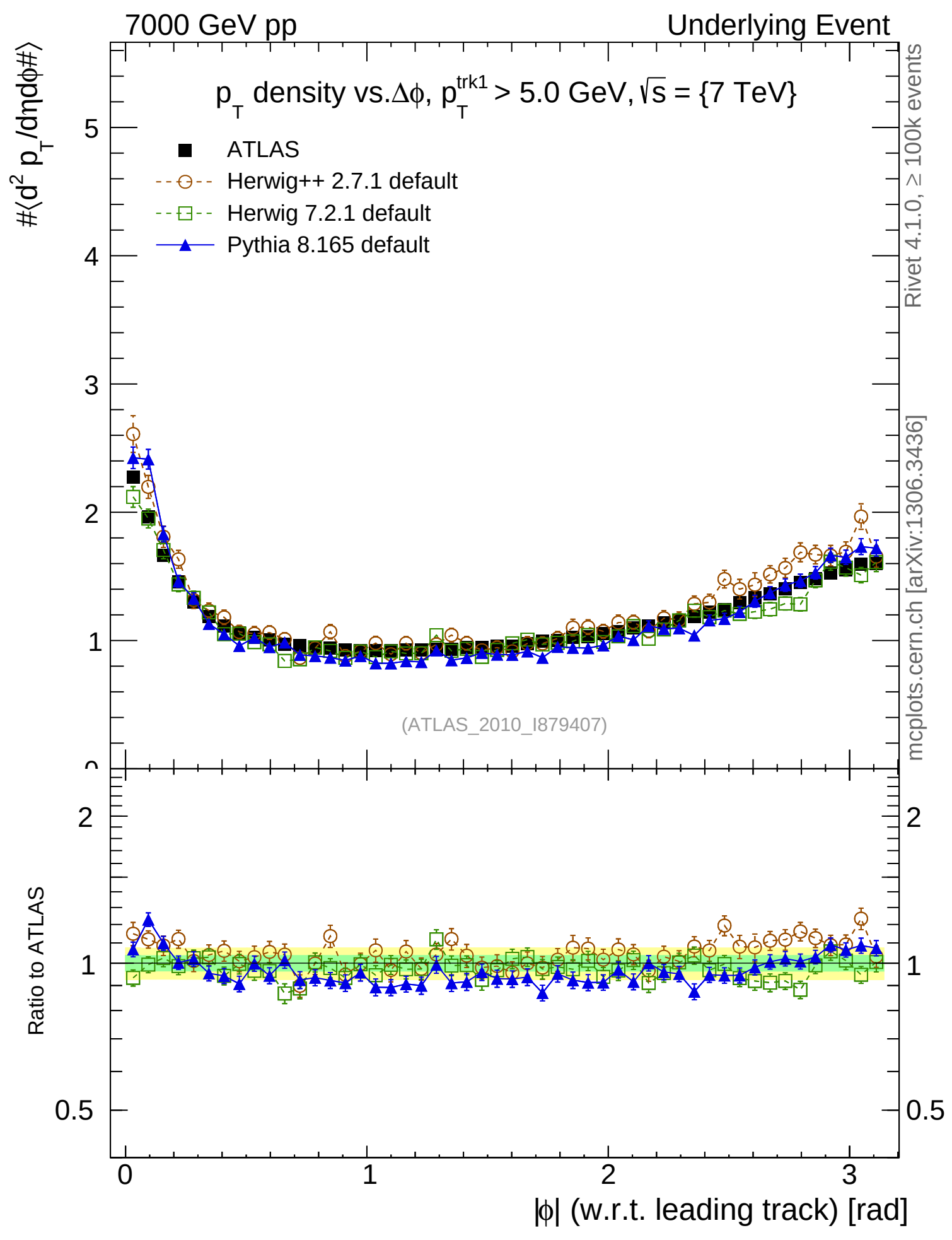
7000 GeV pp
Underlying Event
p_T density vs.$\Delta\phi$, p_T^{trk1} > 5.0 GeV, $\sqrt{s}$ = {7 TeV}
ATLAS
Herwig++ 2.7.1 default
Herwig 7.2.1 default
Pythia 8.165 default
(ATLAS_2010_I879407)
#⟨d² p_T /dηdφ#⟩
Ratio to ATLAS
|φ| (w.r.t. leading track) [rad]
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:1306.3436]