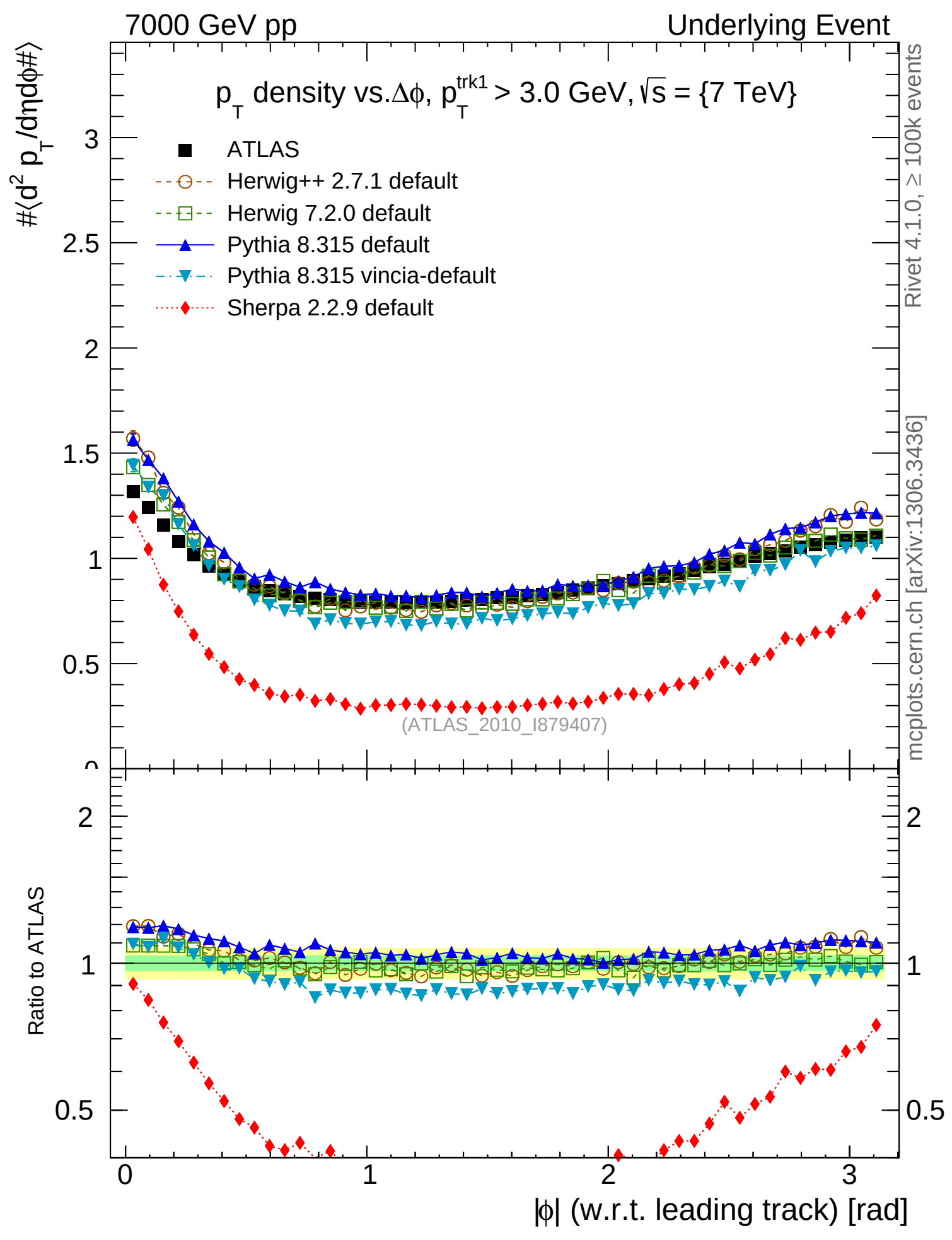
7000 GeV pp
Underlying Event
p_T density vs.Δϕ, p_T^trk1 > 3.0 GeV, √s = {7 TeV}
ATLAS
Herwig++ 2.7.1 default
Herwig 7.2.0 default
Pythia 8.315 default
Pythia 8.315 vincia-default
Sherpa 2.2.9 default
(ATLAS_2010_I879407)
#⟨d² p_T/dηdϕ#⟩
Ratio to ATLAS
|ϕ| (w.r.t. leading track) [rad]
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:1306.3436]