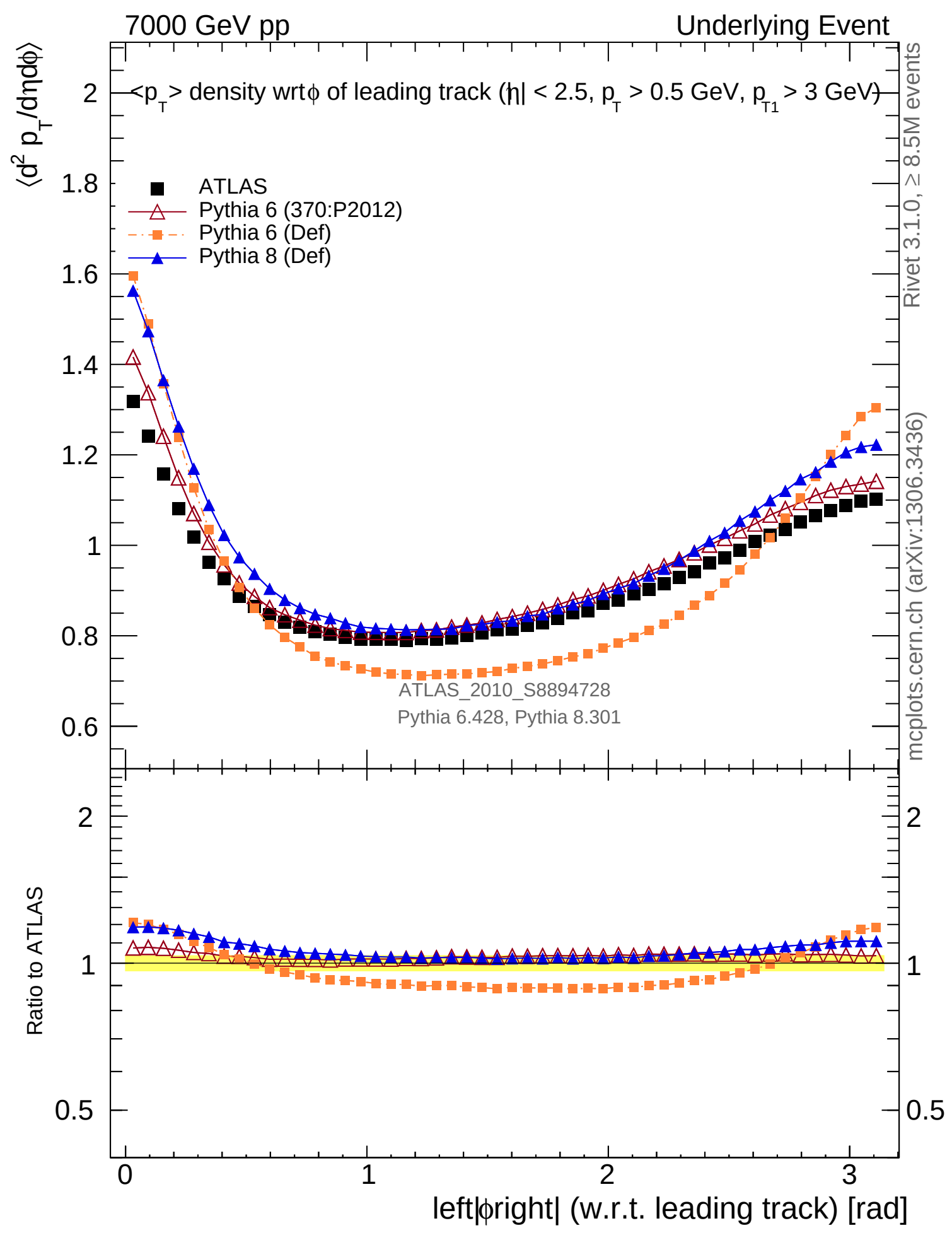
7000 GeV pp
Underlying Event
<p_T> density wrt ϕ of leading track (|η| < 2.5, p_T > 0.5 GeV, p_T1 > 3 GeV)
⟨d² p_T/dηdϕ⟩
ATLAS
Pythia 6 (370:P2012)
Pythia 6 (Def)
Pythia 8 (Def)
ATLAS_2010_S8894728
Pythia 6.428, Pythia 8.301
Rivet 3.1.0, ≥ 8.5M events
mcplots.cern.ch (arXiv:1306.3436)
Ratio to ATLAS
left|ϕright| (w.r.t. leading track) [rad]