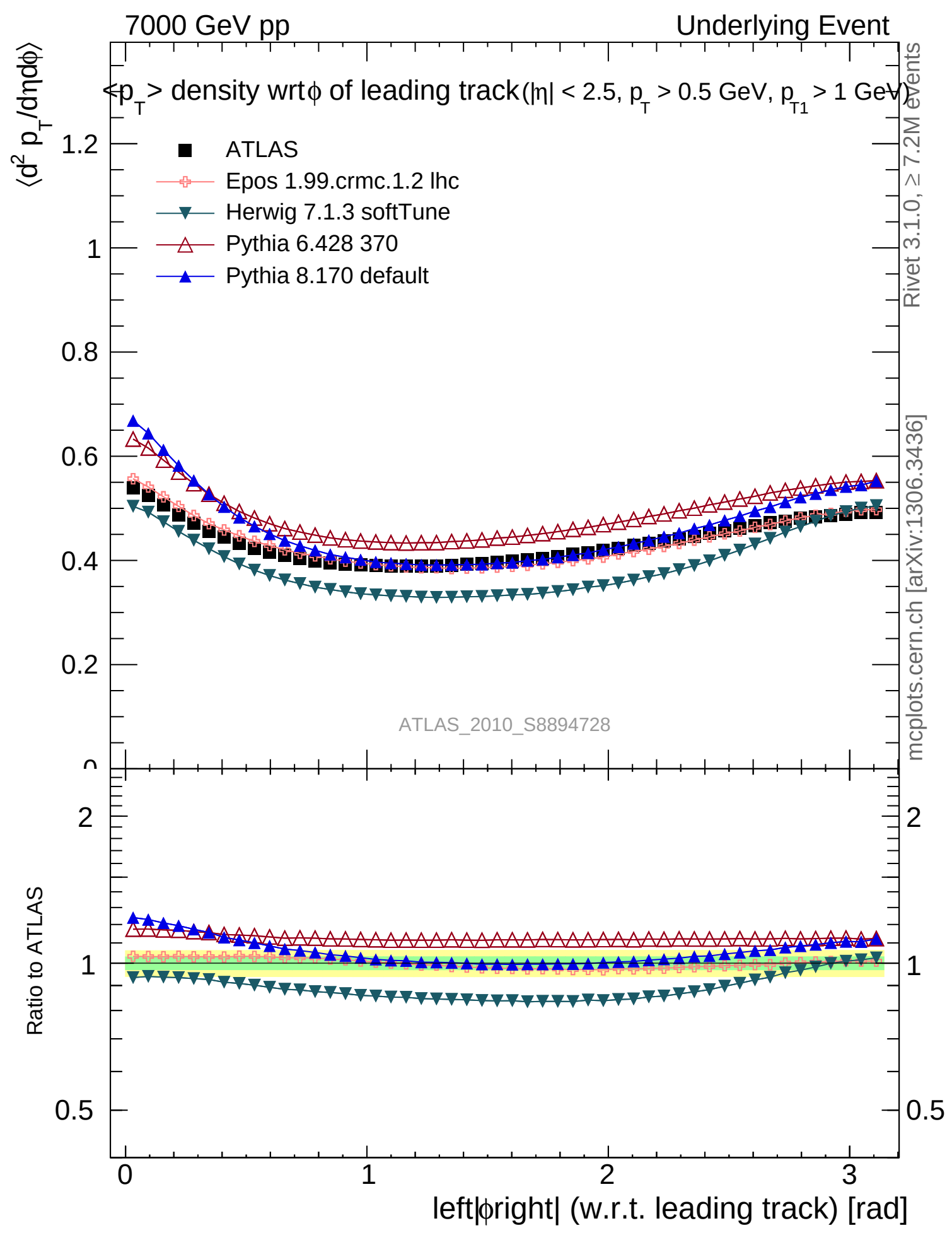
7000 GeV pp
Underlying Event
<p_T> density wrt ϕ of leading track (|η| < 2.5, p_T > 0.5 GeV, p_T1 > 1 GeV)
⟨d² p_T/dηdϕ⟩
ATLAS
Epos 1.99.crmc.1.2 lhc
Herwig 7.1.3 softTune
Pythia 6.428 370
Pythia 8.170 default
ATLAS_2010_S8894728
Rivet 3.1.0, ≥ 7.2M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to ATLAS
left|ϕright| (w.r.t. leading track) [rad]