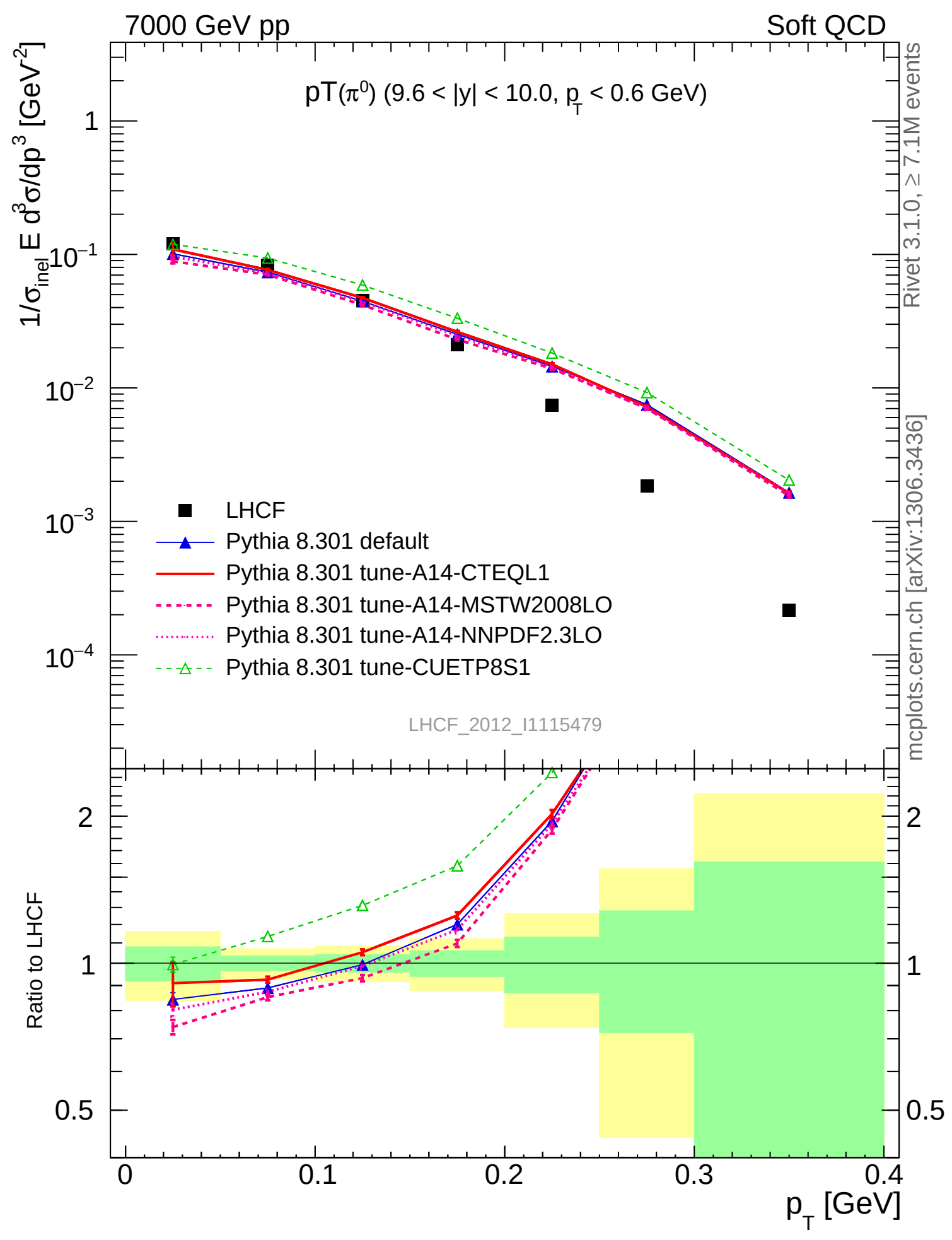
7000 GeV pp
Soft QCD
pT(π0) (9.6 < |y| < 10.0, pT < 0.6 GeV)
1/σinel E d3σ/dp3 [GeV-2]
LHCF
Pythia 8.301 default
Pythia 8.301 tune-A14-CTEQL1
Pythia 8.301 tune-A14-MSTW2008LO
Pythia 8.301 tune-A14-NNPDF2.3LO
Pythia 8.301 tune-CUETP8S1
LHCF_2012_I1115479
Ratio to LHCF
pT [GeV]
Rivet 3.1.0, ≥ 7.1M events
mcplots.cern.ch [arXiv:1306.3436]