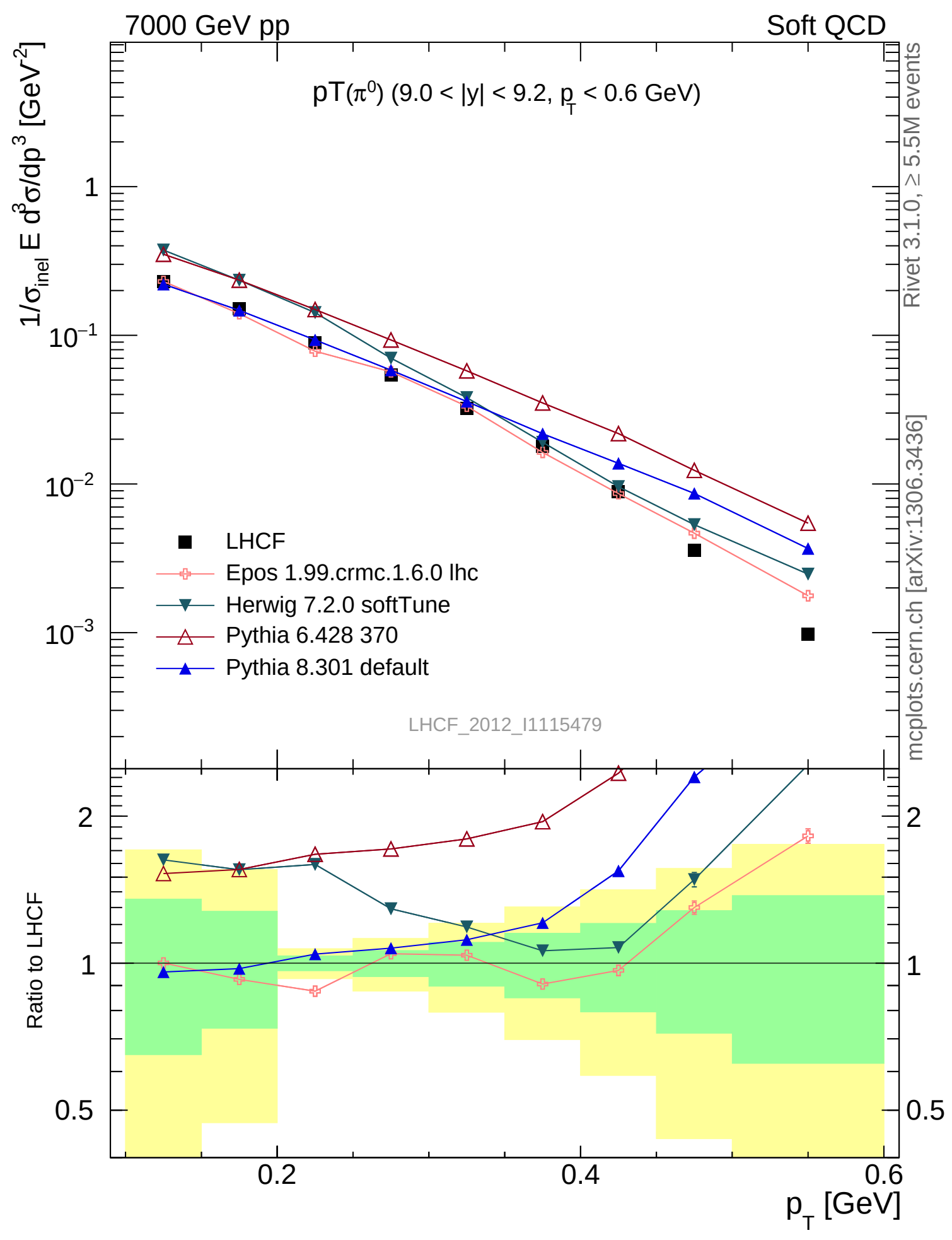
7000 GeV pp
Soft QCD
pT(π0) (9.0 < |y| < 9.2, pT < 0.6 GeV)
1/σinel E d3σ/dp3 [GeV-2]
1
10−1
10−2
10−3
LHCF
Epos 1.99.crmc.1.6.0 lhc
Herwig 7.2.0 softTune
Pythia 6.428 370
Pythia 8.301 default
LHCF_2012_I1115479
Rivet 3.1.0, ≥ 5.5M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to LHCF
2
1
0.5
0.2
0.4
0.6
pT [GeV]