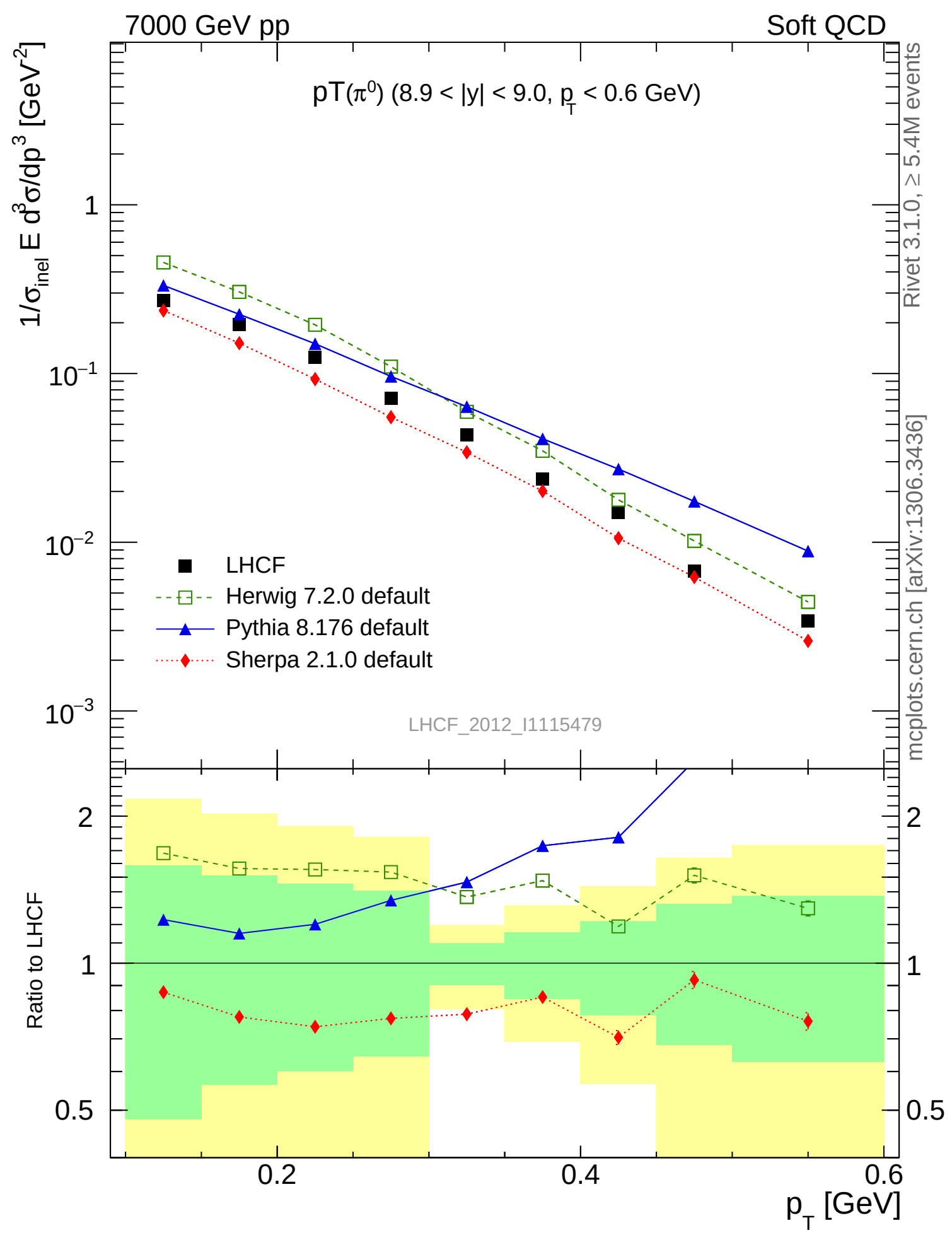
7000 GeV pp
Soft QCD
pT(π0) (8.9 < |y| < 9.0, pT < 0.6 GeV)
1/σinel E d3σ/dp3 [GeV-2]
1
10−1
10−2
10−3
LHCF
Herwig 7.2.0 default
Pythia 8.176 default
Sherpa 2.1.0 default
LHCF_2012_I1115479
Rivet 3.1.0, ≥ 5.4M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to LHCF
2
1
0.5
0.2
0.4
0.6
pT [GeV]