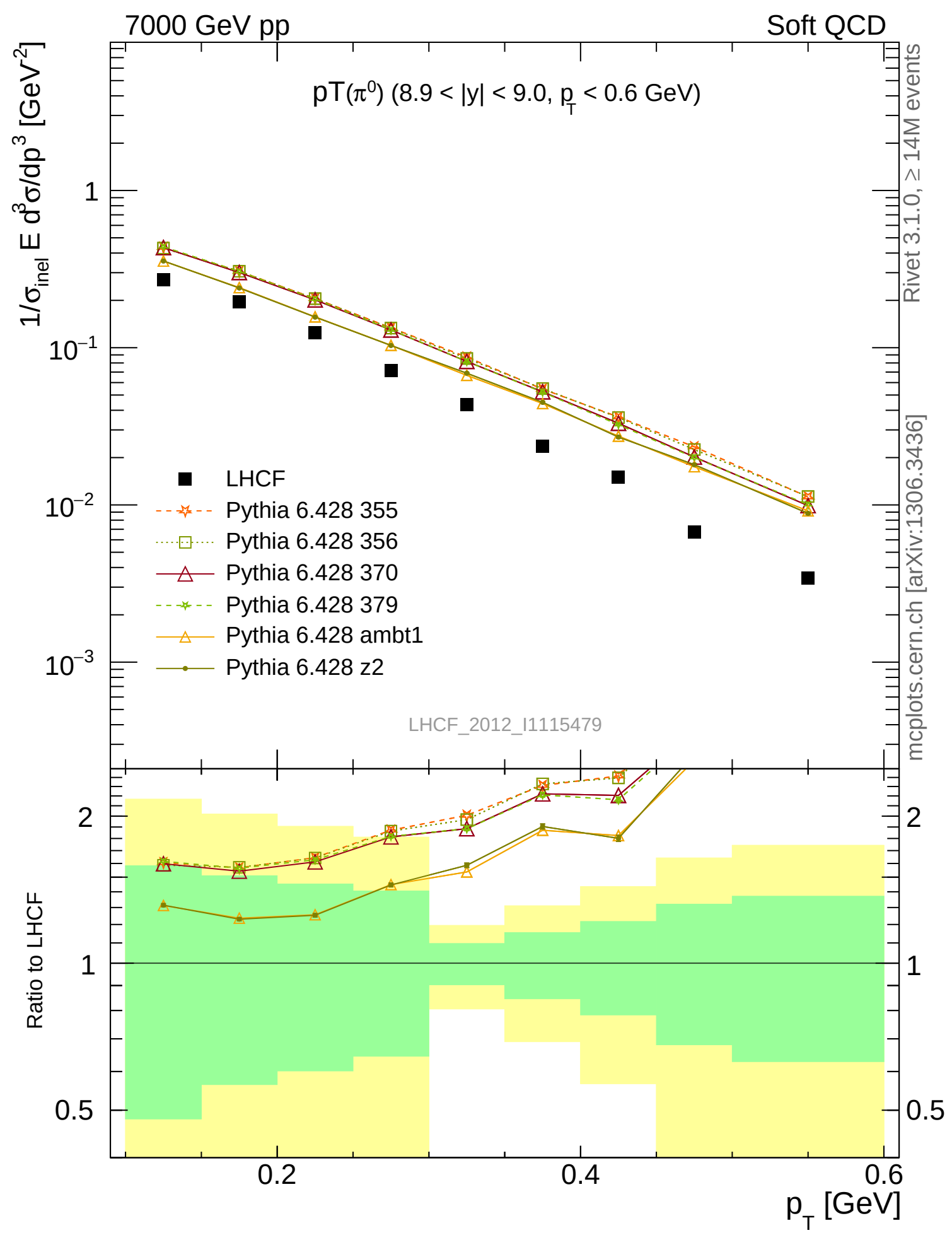
7000 GeV pp
Soft QCD
pT(π0) (8.9 < |y| < 9.0, pT < 0.6 GeV)
1/σinel E d3σ/dp3 [GeV-2]
1
10−1
10−2
10−3
LHCF
Pythia 6.428 355
Pythia 6.428 356
Pythia 6.428 370
Pythia 6.428 379
Pythia 6.428 ambt1
Pythia 6.428 z2
LHCF_2012_I1115479
Rivet 3.1.0, ≥ 14M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to LHCF
2
1
0.5
0.2
0.4
0.6
pT [GeV]