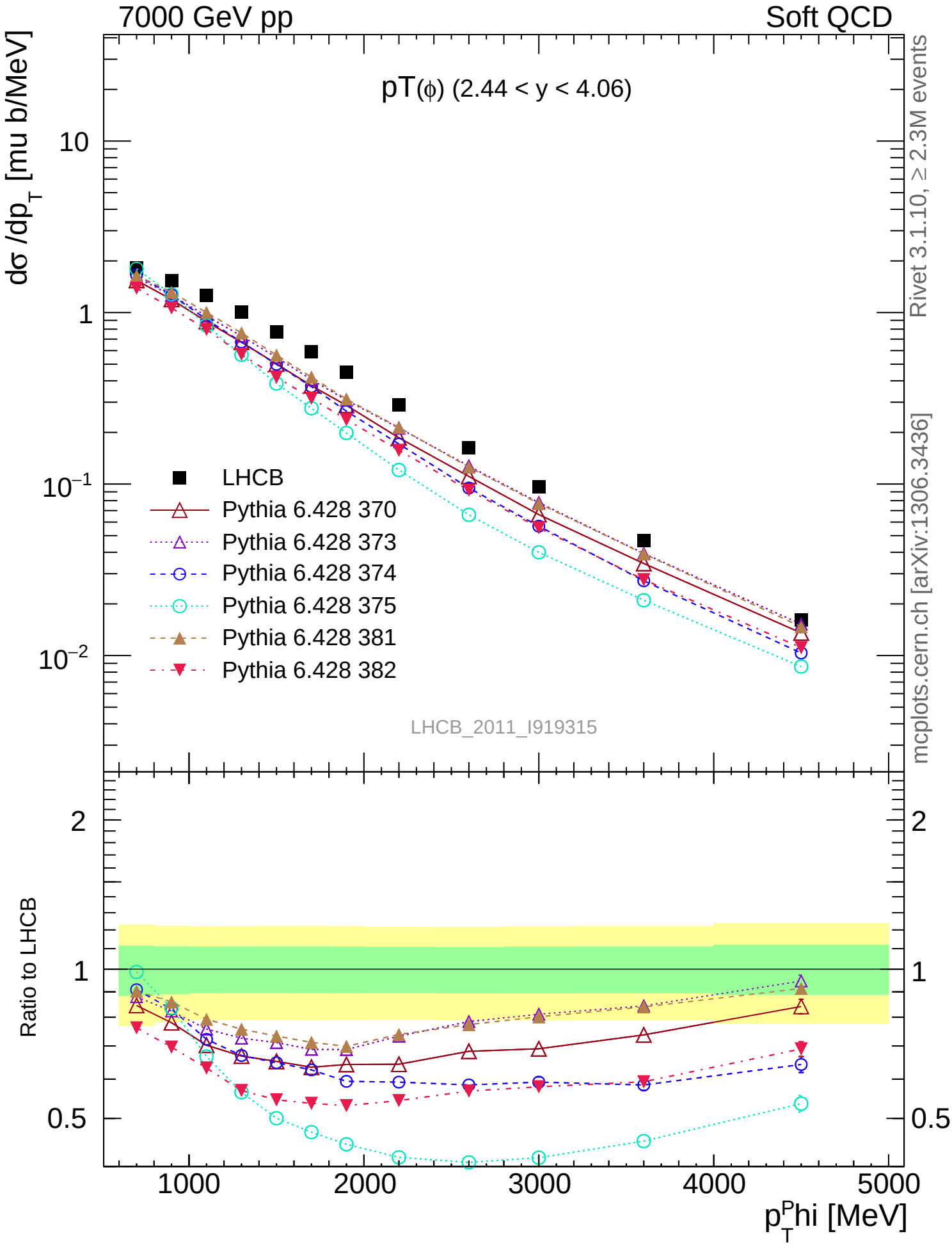
7000 GeV pp
Soft QCD
pT(ϕ) (2.44 < y < 4.06)
dσ /dp_T [mu b/MeV]
10
1
10^−1
10^−2
LHCB
Pythia 6.428 370
Pythia 6.428 373
Pythia 6.428 374
Pythia 6.428 375
Pythia 6.428 381
Pythia 6.428 382
LHCB_2011_I919315
Rivet 3.1.10, ≥ 2.3M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to LHCB
2
1
0.5
1000
2000
3000
4000
5000
p_T^Phi [MeV]