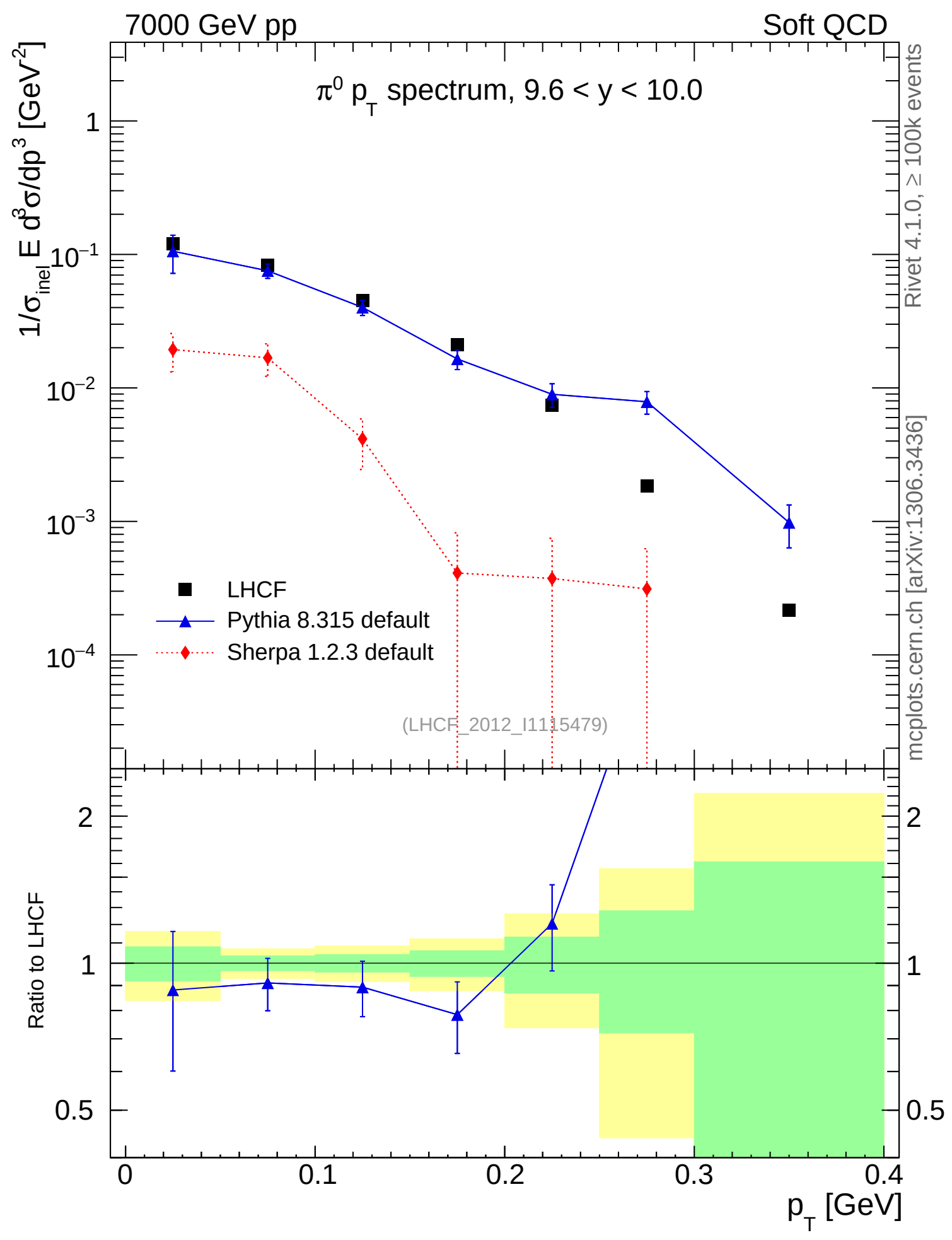
7000 GeV pp
Soft QCD
π^0 p_T spectrum, 9.6 < y < 10.0
$1/\sigma_{inel} E\, d^3\sigma/dp^3$ [GeV^{-2}]
1
10^{-1}
10^{-2}
10^{-3}
10^{-4}
LHCF
Pythia 8.315 default
Sherpa 1.2.3 default
(LHCF_2012_I1115479)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to LHCF
2
1
0.5
0
0.1
0.2
0.3
0.4
p_T [GeV]