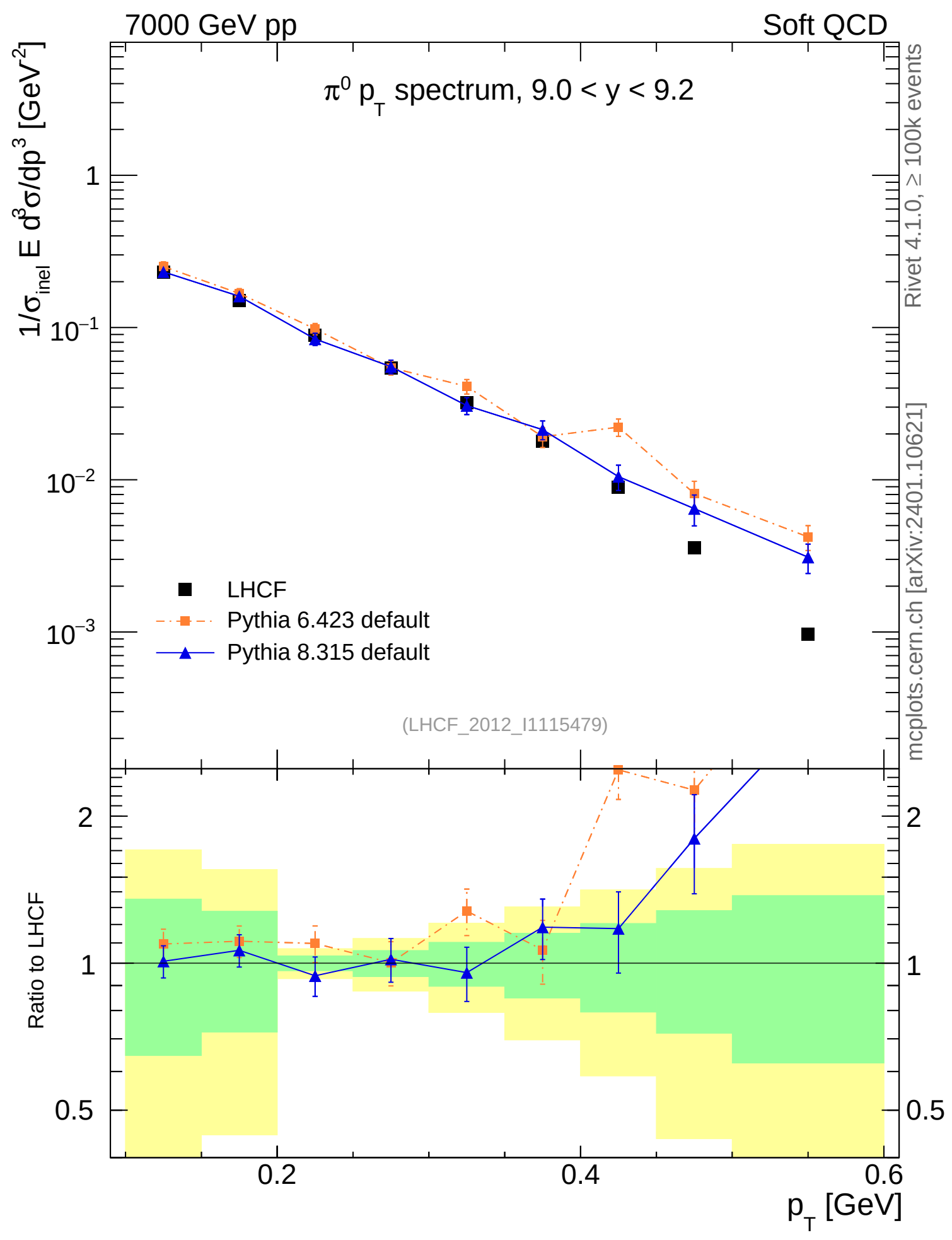
7000 GeV pp
Soft QCD
π^0 p_T spectrum, 9.0 < y < 9.2
$1/\sigma_{inel}\, E\, d^3\sigma/dp^3$ [GeV^{-2}]
1
10^{-1}
10^{-2}
10^{-3}
LHCF
Pythia 6.423 default
Pythia 8.315 default
(LHCF_2012_I1115479)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to LHCF
2
1
0.5
0.2
0.4
0.6
p_T [GeV]