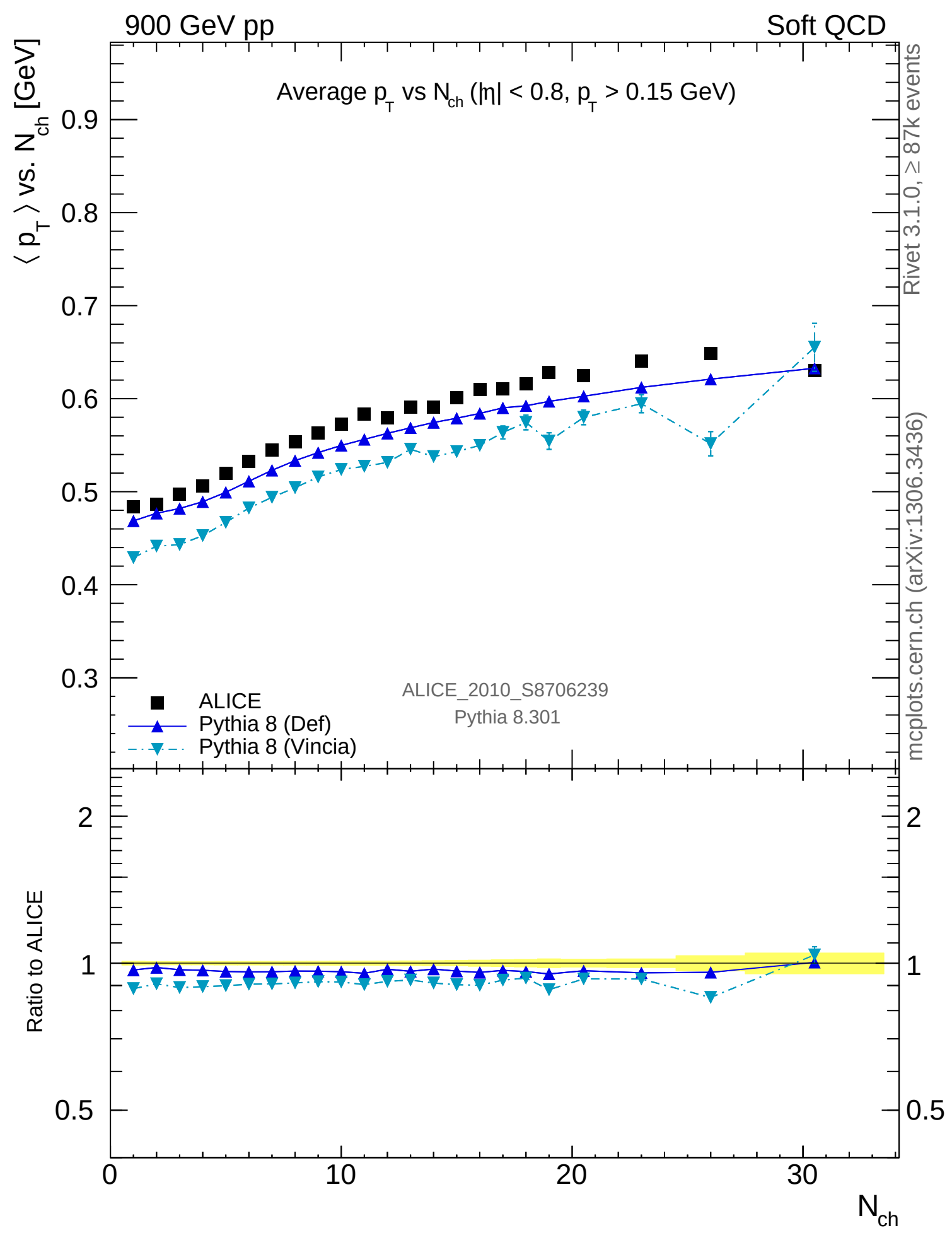
900 GeV pp
Soft QCD
Average $p_T$ vs $N_{ch}$ ($|\eta| < 0.8$, $p_T > 0.15$ GeV)
$\langle p_T \rangle$ vs. $N_{ch}$ [GeV]
0.9
0.8
0.7
0.6
0.5
0.4
0.3
ALICE
Pythia 8 (Def)
Pythia 8 (Vincia)
ALICE_2010_S8706239
Pythia 8.301
Rivet 3.1.0, ≥ 87k events
mcplots.cern.ch (arXiv:1306.3436)
Ratio to ALICE
2
1
0.5
0
10
20
30
$N_{ch}$