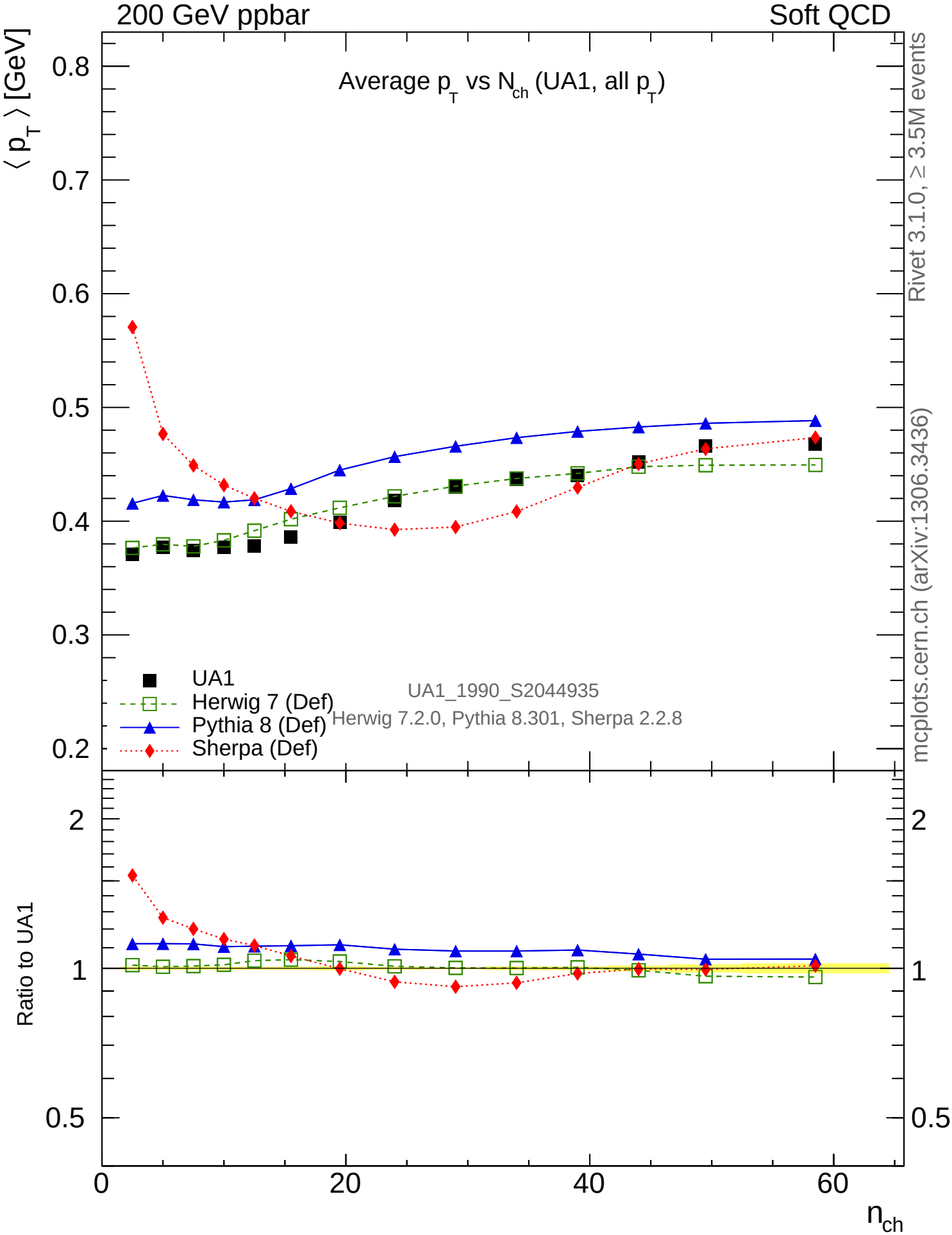
200 GeV ppbar
Soft QCD
Average $p_T$ vs $N_{ch}$ (UA1, all $p_T$)
$\langle p_T \rangle$ [GeV]
0.8
0.7
0.6
0.5
0.4
0.3
0.2
UA1
Herwig 7 (Def)
Pythia 8 (Def)
Sherpa (Def)
UA1_1990_S2044935
Herwig 7.2.0, Pythia 8.301, Sherpa 2.2.8
Rivet 3.1.0, ≥ 3.5M events
mcplots.cern.ch (arXiv:1306.3436)
Ratio to UA1
2
1
0.5
0
20
40
60
$n_{ch}$