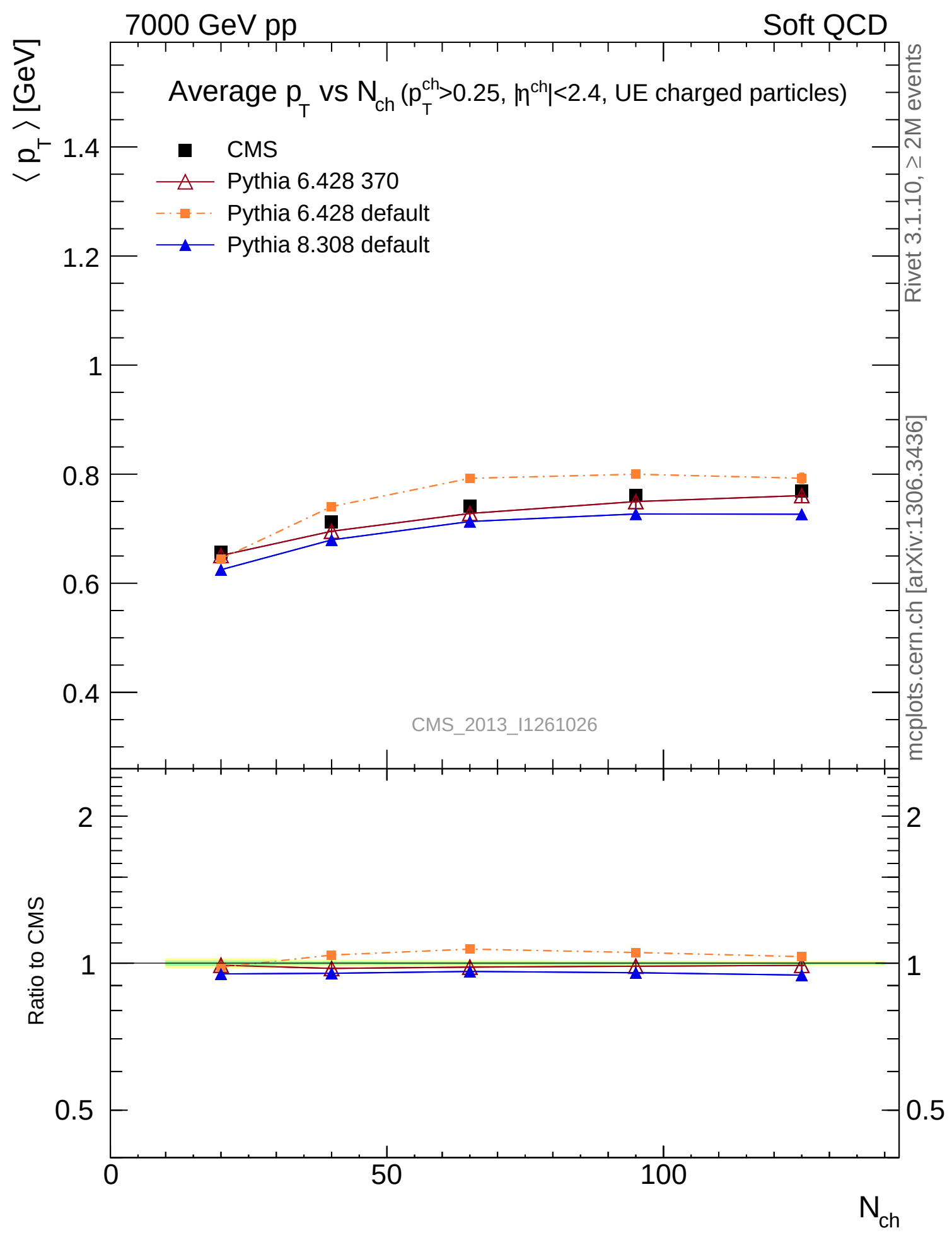
7000 GeV pp
Soft QCD
Average p_T vs N_{ch} (p_T^{ch}>0.25, $|\eta^{ch}|$<2.4, UE charged particles)
CMS
Pythia 6.428 370
Pythia 6.428 default
Pythia 8.308 default
$\langle p_T \rangle$ [GeV]
1.4
1.2
1
0.8
0.6
0.4
CMS_2013_I1261026
Rivet 3.1.10, ≥ 2M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to CMS
2
1
0.5
0
50
100
N_{ch}