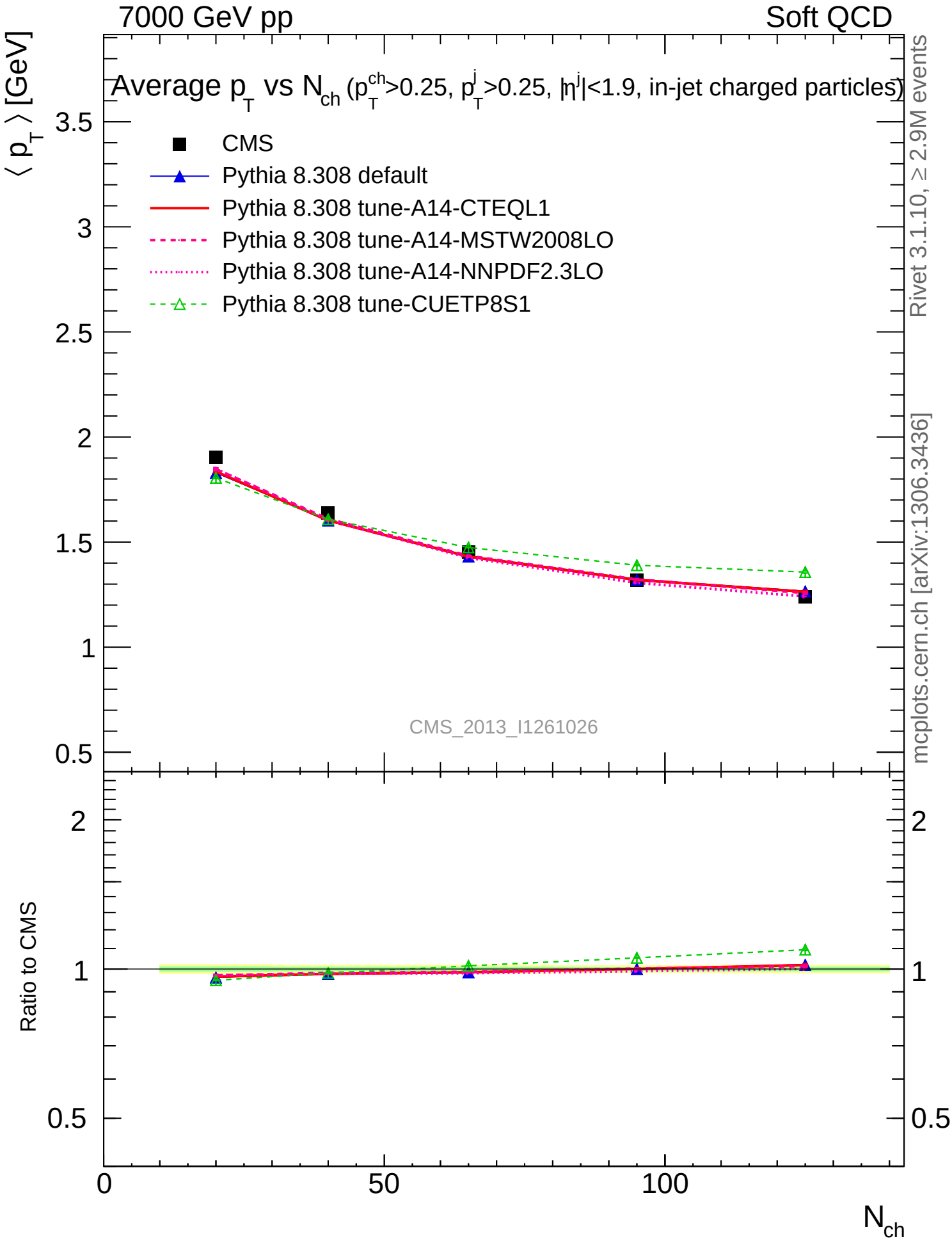
7000 GeV pp
Soft QCD
Average p_T vs N_{ch} (p_T^{ch}>0.25, p_T^j>0.25, $|\eta^j|$<1.9, in-jet charged particles)
$\langle p_T \rangle$ [GeV]
CMS
Pythia 8.308 default
Pythia 8.308 tune-A14-CTEQL1
Pythia 8.308 tune-A14-MSTW2008LO
Pythia 8.308 tune-A14-NNPDF2.3LO
Pythia 8.308 tune-CUETP8S1
CMS_2013_I1261026
Rivet 3.1.10, ≥ 2.9M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to CMS
N_{ch}