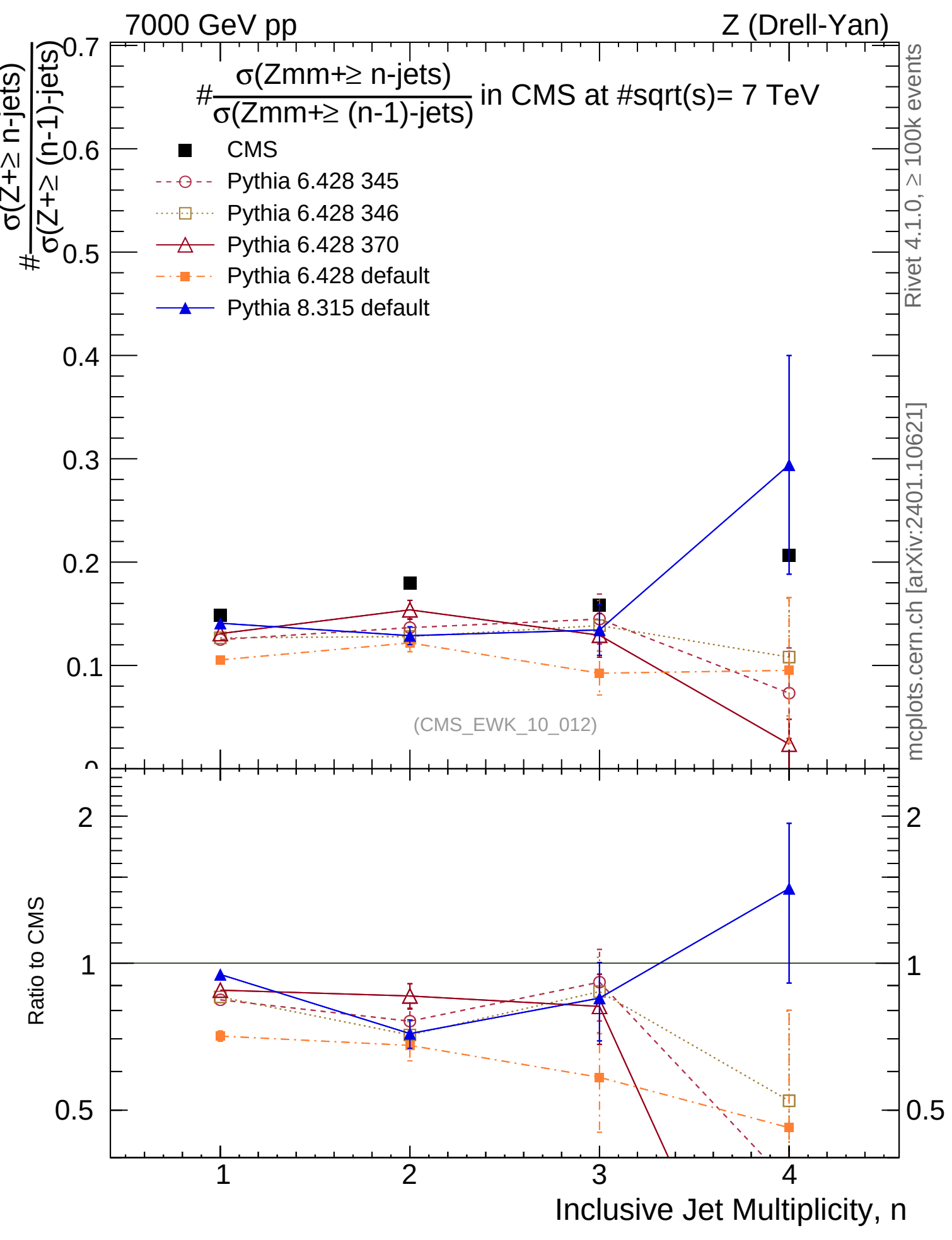
7000 GeV pp
Z (Drell-Yan)
#σ(Zmm+≥ n-jets) / σ(Zmm+≥ (n-1)-jets) in CMS at #sqrt(s)= 7 TeV
CMS
Pythia 6.428 345
Pythia 6.428 346
Pythia 6.428 370
Pythia 6.428 default
Pythia 8.315 default
(CMS_EWK_10_012)
#σ(Z+≥ n-jets) / σ(Z+≥ (n-1)-jets)
Ratio to CMS
Inclusive Jet Multiplicity, n
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]