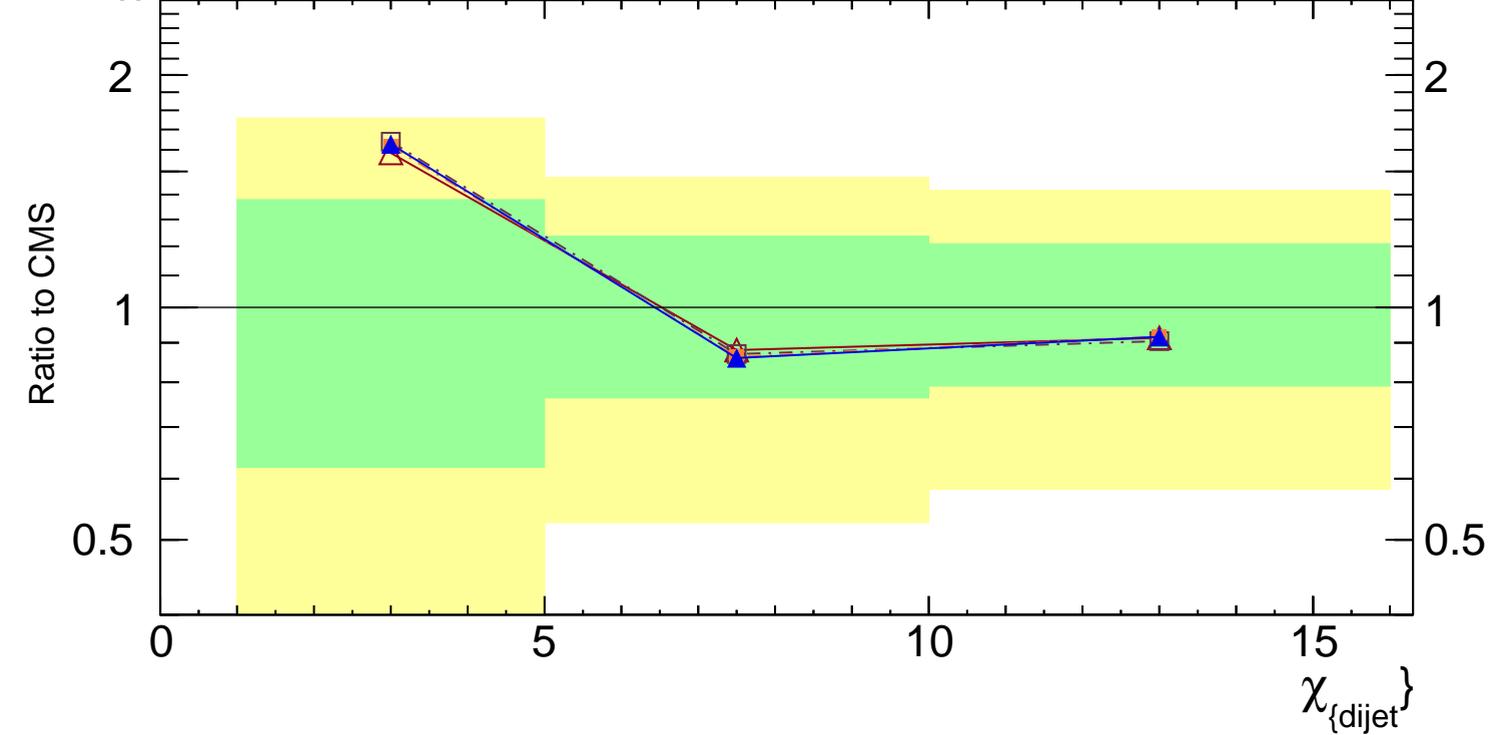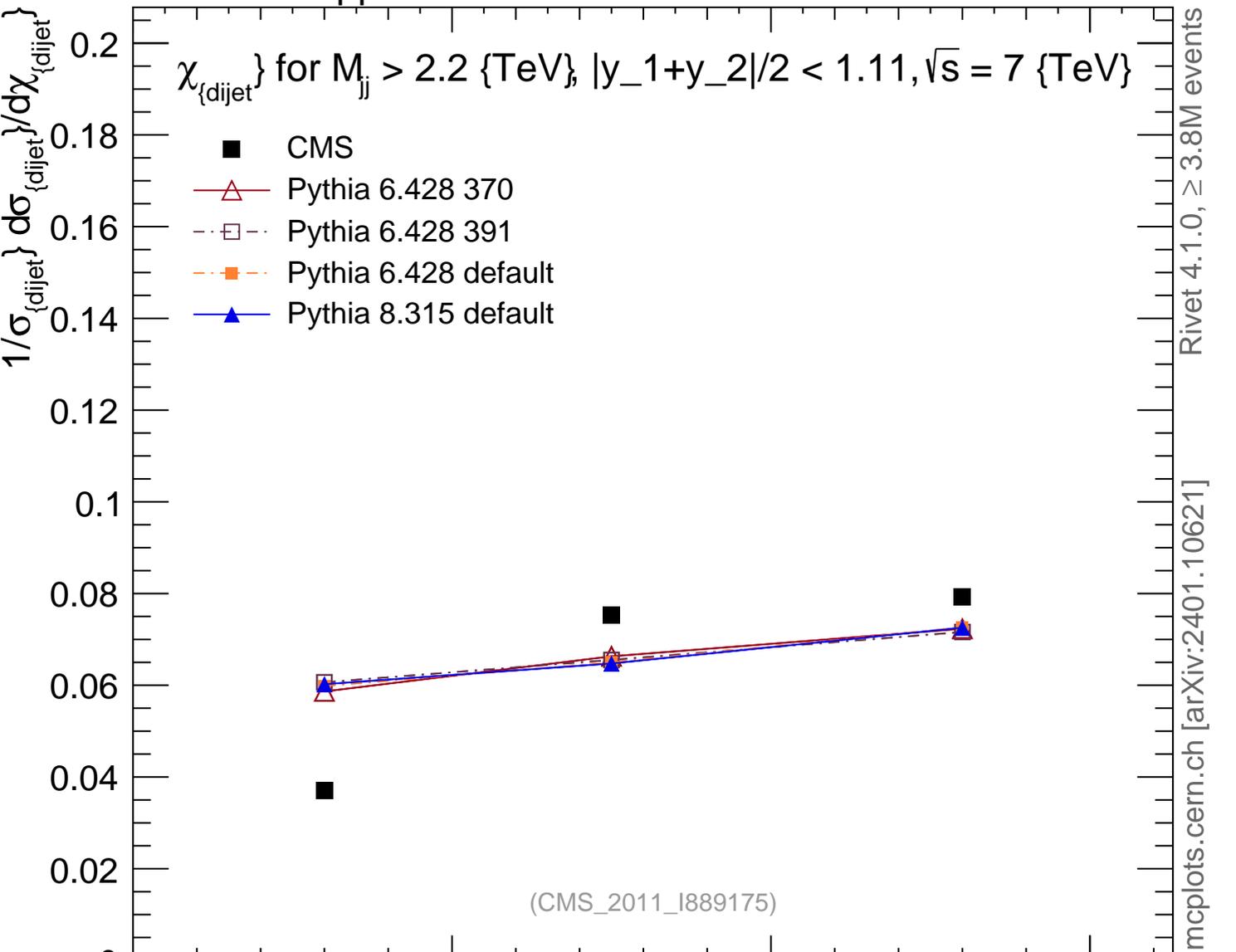$\chi_{\{dijet\}}$ for $M_{jj} > 2.2$ {TeV}, $|y\_1+y\_2|/2 < 1.11$, $\sqrt{s} = 7$ {TeV}

■ CMS
△ Pythia 6.428 370
□ Pythia 6.428 391
■ Pythia 6.428 default
▲ Pythia 8.315 default

(CMS_2011_I889175)

Rivet 4.1.0, ≥ 3.8M events

mcplots.cern.ch [arXiv:2401.10621]

$\frac{1}{\sigma_{\{dijet\}}} \frac{d\sigma_{\{dijet\}}}{d\chi_{\{dijet\}}}$

Ratio to CMS

$\chi_{\{dijet\}}$