

CMS, 13 TeV, AK8 jets, central dijet region,  $65 < p_T^{\text{jets}} < 88$  GeV  
 Rivet 4.1.0,  $\geq 100k$  events  
 mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2021\_I1920187)

Ratio to CMS

multiplicity

Legend:  
 ■ CMS  
 ▲ Pythia 8.315 default  
 ▼ Pythia 8.315 tune-AU2  
 ◇ Pythia 8.315 tune-AU2lox  
 □ Pythia 8.315 tune-AU2lox  
 ★ Pythia 8.315 tune-AU2m

(CMS\_2021\_I1920187)

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

multiplicity