

8000 GeV pp

Jets

CMS, 8 TeV, jetcharge of leading jet (  $700 < p_T < 1000$  GeV,  $\eta < 1.5$  )

- CMS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

 $1/N \, dN/dQ_1^{0.6} \, [1/e]$ Rivet 4.1.0,  $\geq 2.6$  M events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2017\_I1605749)

Ratio to CMS

2

1

0.5

 $Q_1^{\kappa=0.6} [e]$ 