

8000 GeV pp

Jets

CMS, 8 TeV, jetcharge of leading jet ($p_T > 400$ GeV, $\eta < 1.5$)

- CMS
- - ■ Pythia 6.426 359
- - ▲ Pythia 6.426 a
- - ▼ Pythia 6.426 dw
- - ○ Pythia 6.426 p0
- - ☆ Pythia 6.426 pro-q2o

 $1/N \, dN/dQ_1^{1.0} \, [1/e]$ 10
 1
 10^{-1}
 10^{-2}

(CMS_2017_I1605749)

Rivet 4.1.0, $\geq 200k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

 2
 1
 0.5 2
 1
 0.5 $Q_1^{\kappa=1.0} [e]$

-1

-0.5

0

0.5

1