

8000 GeV pp

Jets

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

- CMS
- +— Epos 1.99.crmc.1.3 lhc
- - □ Herwig 7.2.1 default
- △— Pythia 6.428 370
- ▲— Pythia 8.315 default
- ...◆... Sherpa 2.2.9 default

 $1/N \, dN/dQ_1^{0.6} [1/e]$ 10
 1
 10^{-1}
 10^{-2}
 10^{-3}
 10^{-4} Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2017_I1605749)

Ratio to CMS

 2
 1
 0.5 2
 1
 0.5 $Q_1^{\kappa=0.6} [e]$ -1 0 1