

8000 GeV pp

Jets

CMS, 8 TeV, jetcharge of leading jet ($400 < p_T < 700$ GeV, $\eta < 1.5$)

- CMS
- + Epos 1.99.crnc.1.6.0 lhc
- -□ Herwig 7.2.1 default
- -△ Pythia 6.428 370
- -▲ Pythia 8.315 default
- -◆ Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 300k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2017_I1605749)

Ratio to CMS

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