

7000 GeV pp

Soft QCD

Ratio of energy deposited in  $-6.6 < \eta < -5.2$  for  $\sqrt{s}=7$  TeV

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.243 default
- ◆- Sherpa 2.2.9 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2013\_I1218372)

Ratio to CMS

2

1

0.5

Leading charged jet  $p_T$  [GeV] $(dE^{\text{hard}} / d\eta) / (dE^{\text{incl}} / d\eta)$ 