

7000 GeV pp

Soft QCD

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

- CMS
- - □ - - Pythia 6.428 391
- - + - - Pythia 6.428 393
- - ● - - Pythia 6.428 394
- - ▼ - - Pythia 6.428 395

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2013_I1218372)

Ratio to CMS

2

1

0.5

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

0

10

20