

7000 GeV pp

Underlying Event

Transverse $\sum(p_T), p_T^{\text{jet } 1} > \{20 \text{ GeV}\}, \sqrt{s} = \{7000 \text{ GeV}\}$

- CMS
- + Epos 1.99.crmc.1.2 lh
- - □ Herwig 7.2.1 default
- - △ Pythia 6.428 370
- - ♦ Sherpa 2.2.9 default

 10^{-1} 10^{-2} 10^{-3}

(CMS_2011_I916908)

Ratio to CMS

2

1

0.5

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

0

10

20

30