

7000 GeV pp

Jets

Ungroomed AK7 dijets,  $(p_{\perp}^1 + p_{\perp}^2) / 2 = 600\text{--}800$  GeV

■ CMS

---○ Herwig++ 2.7.1 default

 $1000/\sigma \frac{d\sigma}{d(m_1 + m_2)} [1/\text{GeV}]$ 

Rivet 4.1.0, 2.4M events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2013\_I1224539)

Ratio to CMS

2

1

0.5

 $(m_1 + m_2) / 2 [\text{GeV}]$ 