

13000 GeV pp

Jets

CMS, 13 TeV, $\Delta\phi_{12}$ inclusive 3-jet, $400 < p_{\text{T}}^{\text{max}} < 500$ GeV $\frac{1}{\sigma} \frac{d\sigma}{d\Delta\phi_{12}}$ [deg⁻¹] 10^{12}

0.1

0.08

0.06

0.04

0.03

0.02

0.01

0.005

0.002

0.001

0.0005

0.0002

0.0001

0.00005

0.00002

■ CMS

—+— Epos 1.99.crmc.1.6.0 lhc

- - □ Herwig 7.2.1 default

—△— Pythia 6.428 370

—▲— Pythia 8.315 default

...◆... Sherpa 2.2.9 default

(CMS_2019_I1719955)

Ratio to CMS

2

1

0.5

170

175

180

 $\Delta\phi_{12}$ [deg]

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]