

7000 GeV pp

Jets

Di-jet azimuthal decorrelation, $110 < p_T^{\text{leading}} < 140$ GeV $\frac{1}{\sigma} \frac{d\sigma}{d\Delta\phi} [\text{rad}^{-1}]$

- CMS
- - ■ Pythia 6.428 359
- - △ Pythia 6.428 370
- - ▲ Pythia 6.428 a
- - ▼ Pythia 6.428 dw
- - ○ Pythia 6.428 p0
- - ☆ Pythia 6.428 pro-q20

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2011_I885663)

Ratio to CMS

2

1

0.5

 $\Delta\phi$ [rad]