7000 GeV pp

Soft QCD

$\sqrt{s}=7$ TeV, pp $\rightarrow$ {jet}$_1$ {jet}$_2$, $|\eta^{j\_1,j\_2}|<4.4$, $p_T^{j\_1,j\_2} > 20$ GeV

- ■ CMS
- --○-- Herwig++ 2.7.1 default
- --□-- Herwig 7.2.1 default
- ▲— Pythia 8.315 default

$d\sigma_{jj}/d\xi$ [μb]

(CMS_2012_I1184941)

Rivet 4.1.0, $\geq$ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

ξ