

7000 GeV pp

Soft QCD

Intrajet ring  $p_T$  density,  $30 < N_{ch} \leq 50$ 

- CMS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.235 default
- - ◆ Sherpa 2.2.4 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2013\_I1261026)

Ratio to CMS

R

