

7000 GeV pp

Soft QCD

Intrajet ring  $p_T$  density,  $110 < N_{ch} \leq 140$ 

- CMS
- +— Epos 1.99.crmc.1.6.0 lhc
- - □ Herwig 7.2.0 default
- - △ Pythia 6.428 370
- - ▲ Pythia 8.315 default
- ... ♦ Sherpa 2.2.9 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2013\_I1261026)

Ratio to CMS

R

