

7000 GeV pp

Soft QCD

Intrajet ring  $p_T$  density,  $50 < N_{ch} \leq 80$ 

- CMS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.315 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2013\_I1261026)

Ratio to CMS

