

7000 GeV pp

Soft QCD

Diffractive  $\xi$  ( $|\eta_{j_2}| < 4.4$ ,  $p_{T_2}^{jj} > 20$  GeV)

- CMS
- △ Pythia 6.426 ambt1
- Pythia 6.426 z1
- Pythia 6.426 z2

Rivet 3.1.0,  $\geq 6.9$ M events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2012\_I1184941

