

7000 GeV pp

Soft QCD

Average jet p_T vs N_{ch} ($p_T^j > 5$ GeV, $|\eta^j| < 1.9$) $\langle p_T \rangle$ [GeV]

- CMS
- Pythia 6.425 350
- - - ▴ - - - Pythia 6.425 352
- ... ▴ ... Pythia 6.425 353
- - - ○ - - - Pythia 6.425 354
- - - ☆ - - - Pythia 6.425 355
- ... □ ... Pythia 6.425 356
- - - ● - - - Pythia 6.425 357
- ... ● ... Pythia 6.425 358
- - - ■ - - - Pythia 6.425 359

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1261026

Ratio to CMS

2

1

0.5

 N_{ch} 