

1800 GeV ppbar

Underlying Event

 $\langle N_{\text{ch}} \rangle$ density wrt ϕ of leading track ($p_{Tj1} > 2.0$ GeV) $\langle N_{\text{ch}} \rangle$

1

0.8

0.6

0.4

0.2

0

- CDF
- Herwig 7 (Def)
- ▲— Pythia 8 (Def)
- ◆--- Sherpa (Def)

CDF-2001-S4751469

Herwig 7.2.0, Pythia 8.301, Sherpa 2.2.8

Rivet 3.1.0, ≥ 5.7 M events

mcplots.cern.ch (arXiv:1306.3436)

2

2

Ratio to CDF

1

0.5

1

0.5

0

50

100

150

 $\Delta\phi$ / degrees