

7000 GeV pp

Jets

 $\overline{N}_{\text{jet}}$ N_{jet} vs Δy (FB) ($70 < p_T < 90$ ($Q_0 = \overline{p_T}$))

- ATLAS
- Alpgen+Py6 2.1.4_6.426 z2-CTEQ6L1
- ⋯◆⋯ Sherpa 2.2.8 default

1

0.8

0.6

0.4

0.2

0

2

1

0.5

Rivet 3.1.0, $\geq 26k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2011_S9126244

Ratio to ATLAS

2

0

2

4

6

$|\Delta y|$

$ \Delta y $	ATLAS $\overline{N}_{\text{jet}}$	Alpgen+Py6 $\overline{N}_{\text{jet}}$	Sherpa 2.2.8 $\overline{N}_{\text{jet}}$	Ratio to ATLAS
0.2	0.01	0.00	0.01	1.0
0.7	0.04	0.00	0.04	1.0
1.2	0.08	0.01	0.06	0.8
1.7	0.10	0.02	0.09	0.9
2.2	0.12	0.03	0.11	0.9
2.7	0.15	0.04	0.14	0.9
3.2	0.18	0.06	0.17	0.9
3.7	0.23	0.07	0.20	0.85
4.2	0.27	0.08	0.24	0.85
4.7	0.32	0.02	0.31	0.95
5.2	0.39	0.05	0.35	0.9
5.7	0.44	0.08	0.44	1.0