

$\overline{N}_{\text{jet}}$ N_{jet} vs p_T (LJ) ($4 < \Delta y < 5$)

- ATLAS
- - □ Herwig 7.0.2 default
- - ▲ Pythia 8.209 default
- - ◆ Sherpa 2.2.0 default

6

5

4

3

2

1

0

2

1

0.5

Rivet 3.1.0, $\geq 7.2\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2011_S9126244

Ratio to ATLAS

2

1

0.5

\overline{P}_T [GeV]

\overline{P}_T [GeV]	ATLAS $\overline{N}_{\text{jet}}$	Herwig 7.0.2 $\overline{N}_{\text{jet}}$	Pythia 8.209 $\overline{N}_{\text{jet}}$	Sherpa 2.2.0 $\overline{N}_{\text{jet}}$
40	0.7	0.9	0.7	0.3
50	0.8	1.0	0.8	0.4
60	0.9	1.2	1.0	0.5
70	1.0	1.1	1.0	0.7
80	1.0	1.1	1.0	0.9
90	1.0	1.1	1.0	1.1
100	1.1	1.1	1.0	1.3
110	1.1	2.4	1.0	1.7
120	1.1	1.4	1.3	1.0
130	1.3	1.4	1.3	1.0
140	1.3	1.4	1.0	1.1
150	1.4	1.4	1.0	1.1
160	1.4	1.4	1.0	1.1
170	1.4	1.4	1.0	1.1
180	1.4	1.4	1.0	1.1
190	1.4	1.4	1.0	1.1
200	1.4	1.4	1.0	1.1
220	1.5	1.5	1.0	1.1
240	1.5	1.5	1.0	1.1
260	1.5	1.5	1.0	1.1
280	1.6	1.6	1.0	1.1
300	1.7	1.7	1.0	1.1
320	1.8	1.8	1.0	1.1
340	1.9	1.9	1.0	1.1