

13000 GeV pp

Jets

Inclusive jets, $600 < p_{\text{T}}^{\text{jet}} < 700$ [GeV]

- ATLAS
- - □ Herwig 7.2.1 default
- - ▼ Herwig 7.2.1 softTune

fraction/bin

10^3

10^2

10

1

10^{-1}

2

1

0.5

Rivet 4.1.0, ≥ 2.2 M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1740909)

Ratio to ATLAS

2

1

0.5

r

r	fraction/bin (ATLAS)	fraction/bin (Herwig 7.2.1 default)	fraction/bin (Herwig 7.2.1 softTune)	Ratio to ATLAS (Herwig 7.2.1 default)	Ratio to ATLAS (Herwig 7.2.1 softTune)
0.01	100	100	100	1.0	1.0
0.02	30	30	30	1.05	1.05
0.03	15	15	15	1.1	1.1
0.04	10	10	10	1.1	1.1
0.05	7	7	7	1.1	1.1
0.06	5	5	5	1.1	1.1
0.07	4	4	4	1.1	1.1
0.08	3.5	3.5	3.5	1.1	1.1
0.09	3	3	3	1.1	1.1
0.10	2.5	2.5	2.5	1.1	1.1
0.11	2.2	2.2	2.2	1.1	1.1
0.12	2.0	2.0	2.0	1.1	1.1
0.13	1.8	1.8	1.8	1.1	1.1
0.14	1.6	1.6	1.6	1.1	1.1
0.15	1.5	1.5	1.5	1.1	1.1
0.16	1.4	1.4	1.4	1.1	1.1
0.17	1.3	1.3	1.3	1.1	1.1
0.18	1.2	1.2	1.2	1.1	1.1
0.19	1.1	1.1	1.1	1.1	1.1
0.20	1.0	1.0	1.0	1.1	1.1
0.21	0.9	0.9	0.9	1.1	1.1
0.22	0.8	0.8	0.8	1.1	1.1
0.23	0.75	0.75	0.75	1.1	1.1
0.24	0.7	0.7	0.7	1.1	1.1
0.25	0.65	0.65	0.65	1.1	1.1
0.26	0.6	0.6	0.6	1.1	1.1
0.27	0.55	0.55	0.55	1.1	1.1
0.28	0.5	0.5	0.5	1.1	1.1
0.29	0.45	0.45	0.45	1.1	1.1
0.30	0.4	0.4	0.4	1.1	1.1
0.31	0.35	0.35	0.35	1.1	1.1
0.32	0.32	0.32	0.32	1.1	1.1
0.33	0.3	0.3	0.3	1.1	1.1
0.34	0.28	0.28	0.28	1.1	1.1
0.35	0.26	0.26	0.26	1.1	1.1
0.36	0.24	0.24	0.24	1.1	1.1
0.37	0.22	0.22	0.22	1.1	1.1
0.38	0.2	0.2	0.2	1.1	1.1
0.39	0.18	0.18	0.18	1.1	1.1
0.40	0.16	0.16	0.16	1.1	1.1