

Radial profile ρ (ATLAS jet fragmentation)

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▼- Herwig 7.2.1 softTune

Rivet 4.1.0, ≥ 1.7 M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1740909)

Ratio to ATLAS

10²

10

1

10⁻¹

2

1

0.5

2

1

0.5

0 0.1 0.2 0.3 0.4

x	ATLAS (ρ)	Herwig++ 2.7.1 default (ρ)	Herwig 7.2.1 default (ρ)	Herwig 7.2.1 softTune (ρ)	Ratio to ATLAS (Herwig++)	Ratio to ATLAS (Herwig 7.2.1)
0.02	40	40	40	40	1.0	1.0
0.05	12	10	12	12	0.9	1.0
0.10	3.5	2.5	3.5	3.5	0.9	1.0
0.15	1.2	0.9	1.2	1.2	0.9	1.0
0.20	0.5	0.4	0.5	0.5	0.9	1.0
0.25	0.3	0.25	0.3	0.3	0.9	1.0
0.30	0.2	0.18	0.2	0.2	0.9	1.0
0.35	0.15	0.13	0.15	0.15	0.9	1.0
0.40	0.12	0.1	0.12	0.12	0.9	1.0