

Gap fraction

Gap fraction vs Δy (FB) ($240 < p_T < 270$)

- ATLAS
- ▲ Pythia 8.205 default
- ▲ Pythia 8.205 default-CD

2

1.5

1

0.5

0

Rivet 3.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2011_S9126244

Ratio to ATLAS

2

1

0.5

2

0.5

0

2

4

6

$|\Delta y|$

$ \Delta y $	ATLAS Gap Fraction	Pythia 8.205 default Gap Fraction	Pythia 8.205 default-CD Gap Fraction	Ratio to ATLAS
0.2	0.95	0.95	0.95	1.0
0.8	0.75	0.75	0.75	1.0
1.4	0.60	0.58	0.68	1.0
1.8	0.50	0.52	0.48	1.0
2.2	0.42	0.42	0.35	1.0
2.6	0.32	0.28	0.32	1.0
3.0	0.28	0.28	0.25	1.0
3.4	0.22	0.25	0.22	1.0
3.8	0.18	0.22	0.18	1.0
4.2	0.15	0.32	0.20	1.0
4.6	0.15	0.22	0.22	1.0
5.8	0.00	-	-	1.0