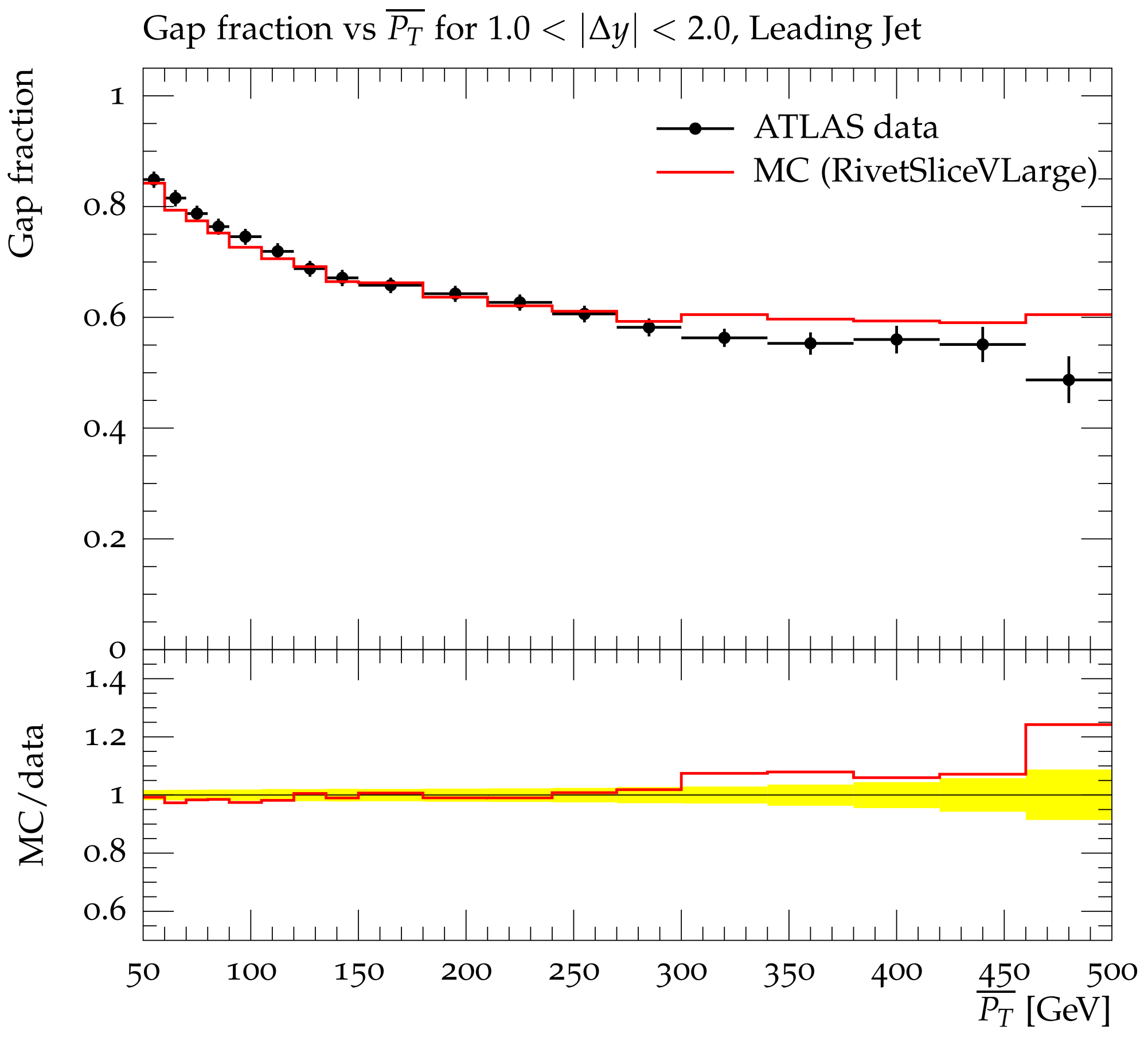
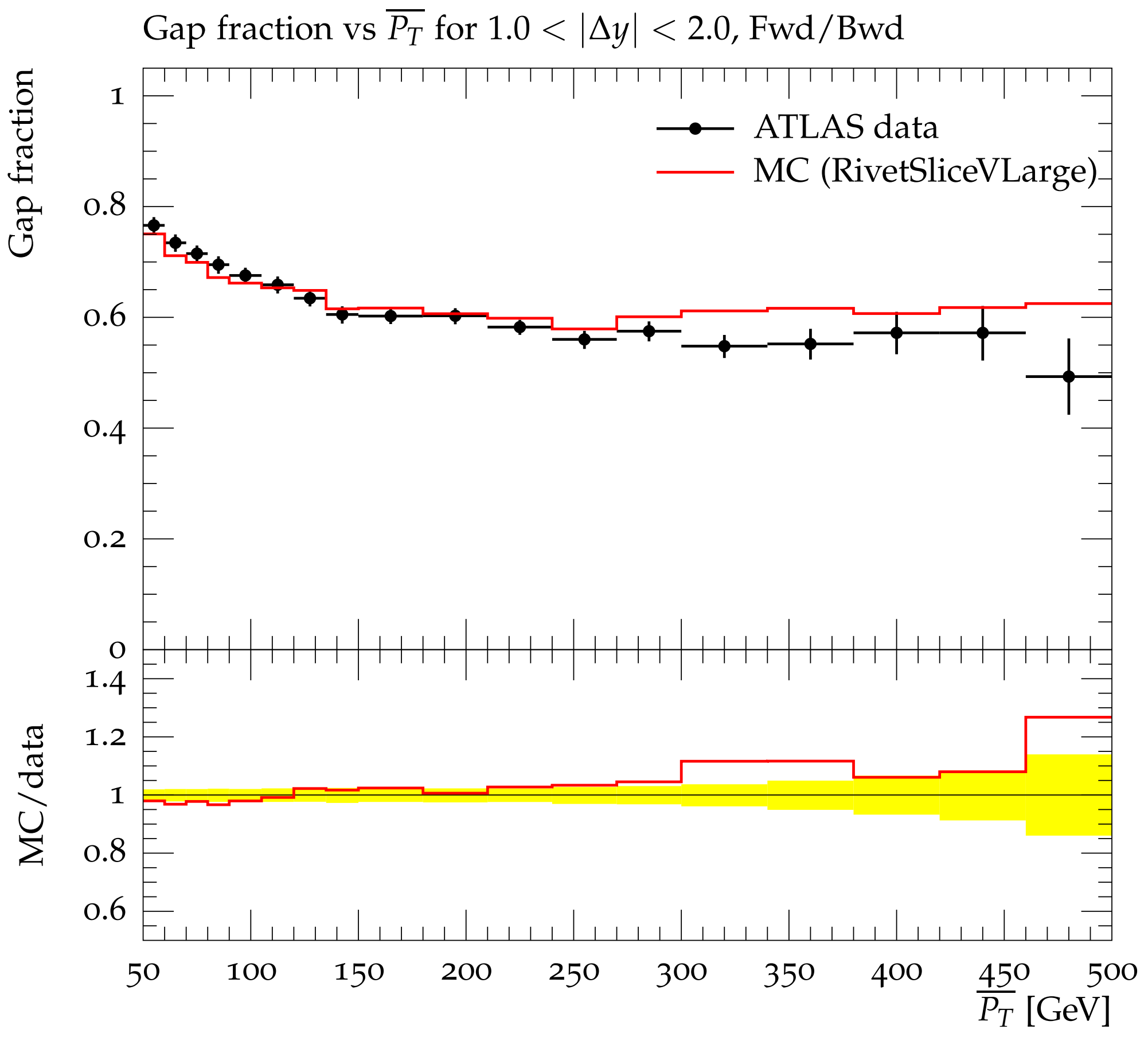
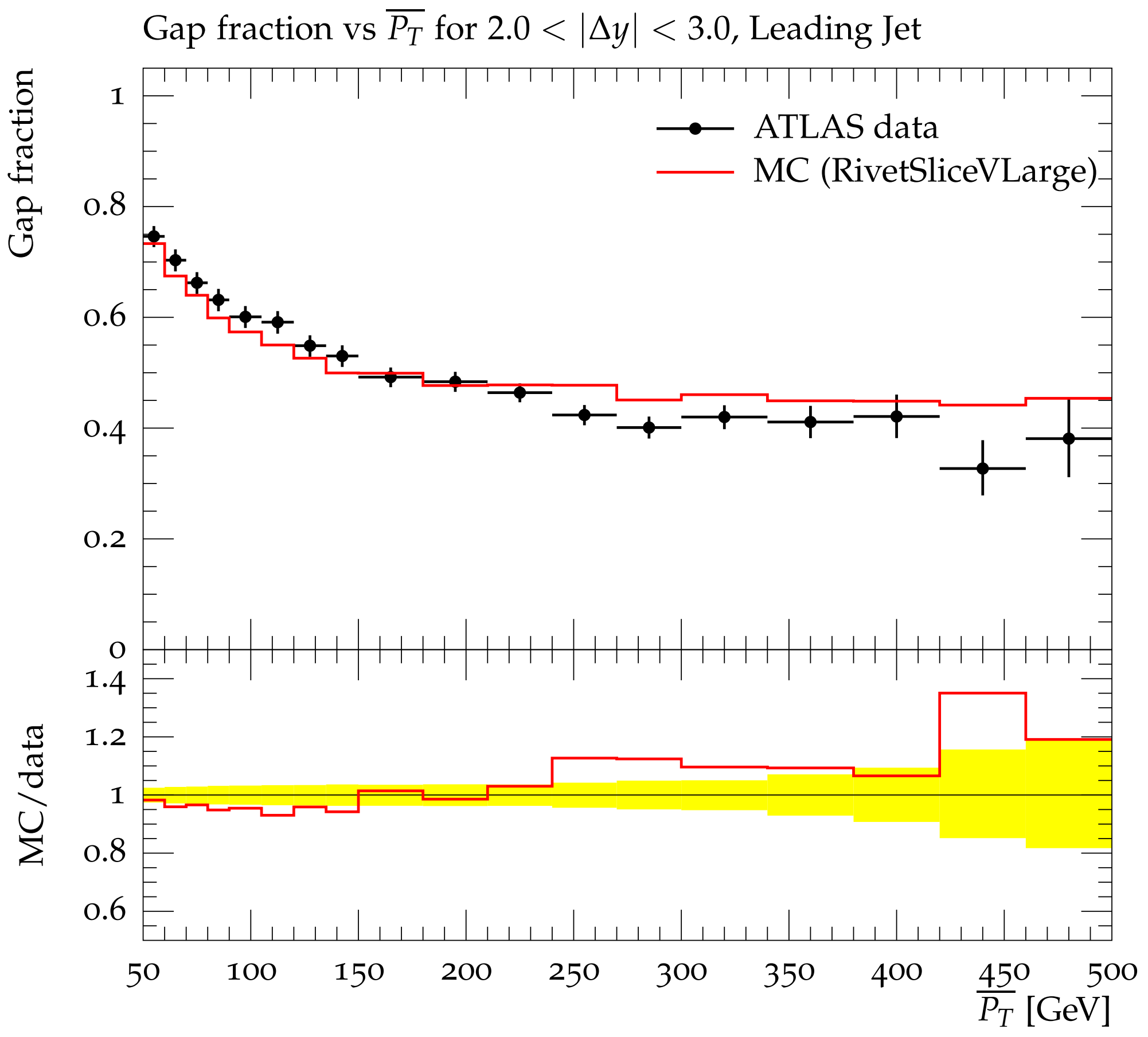
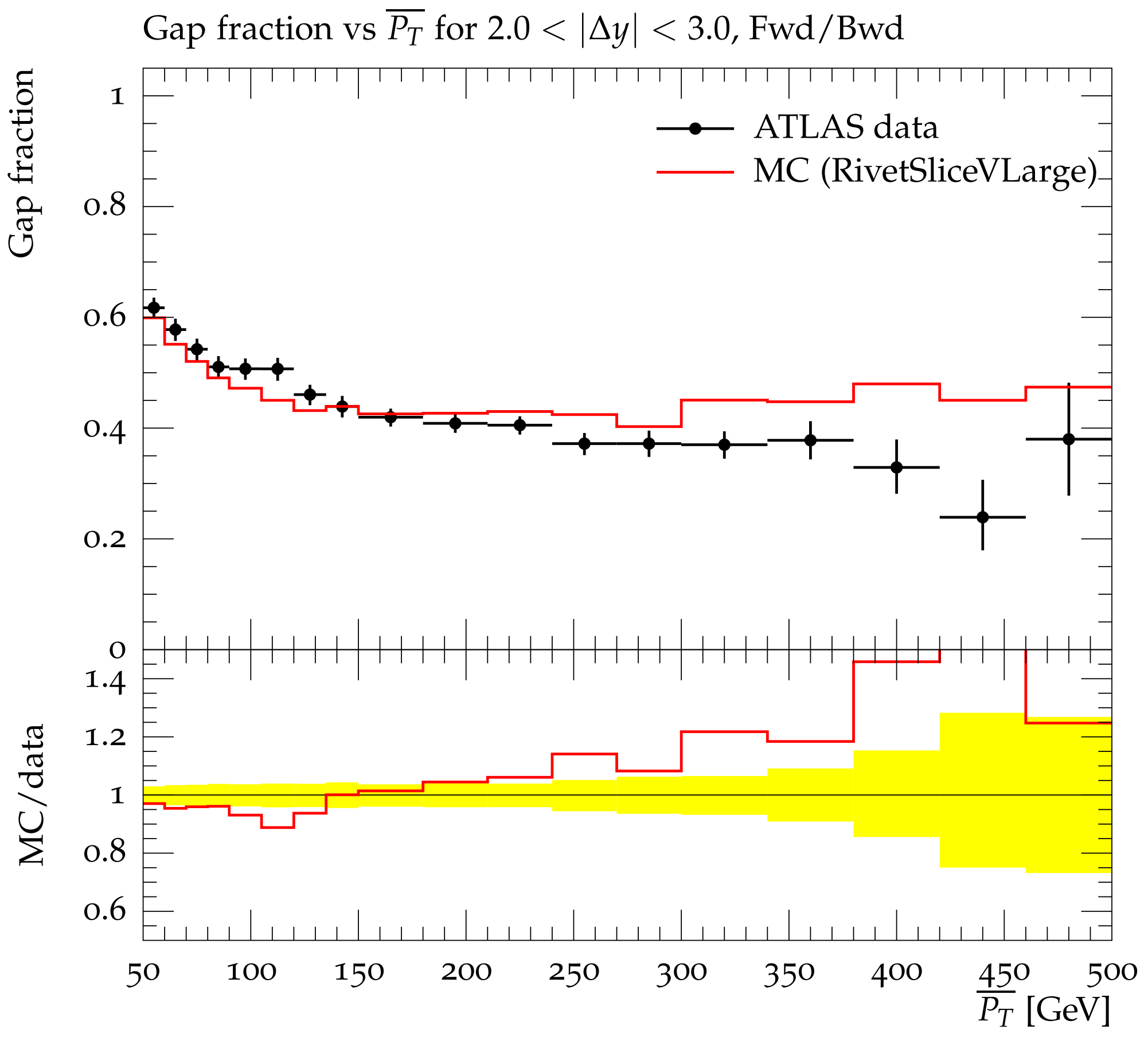
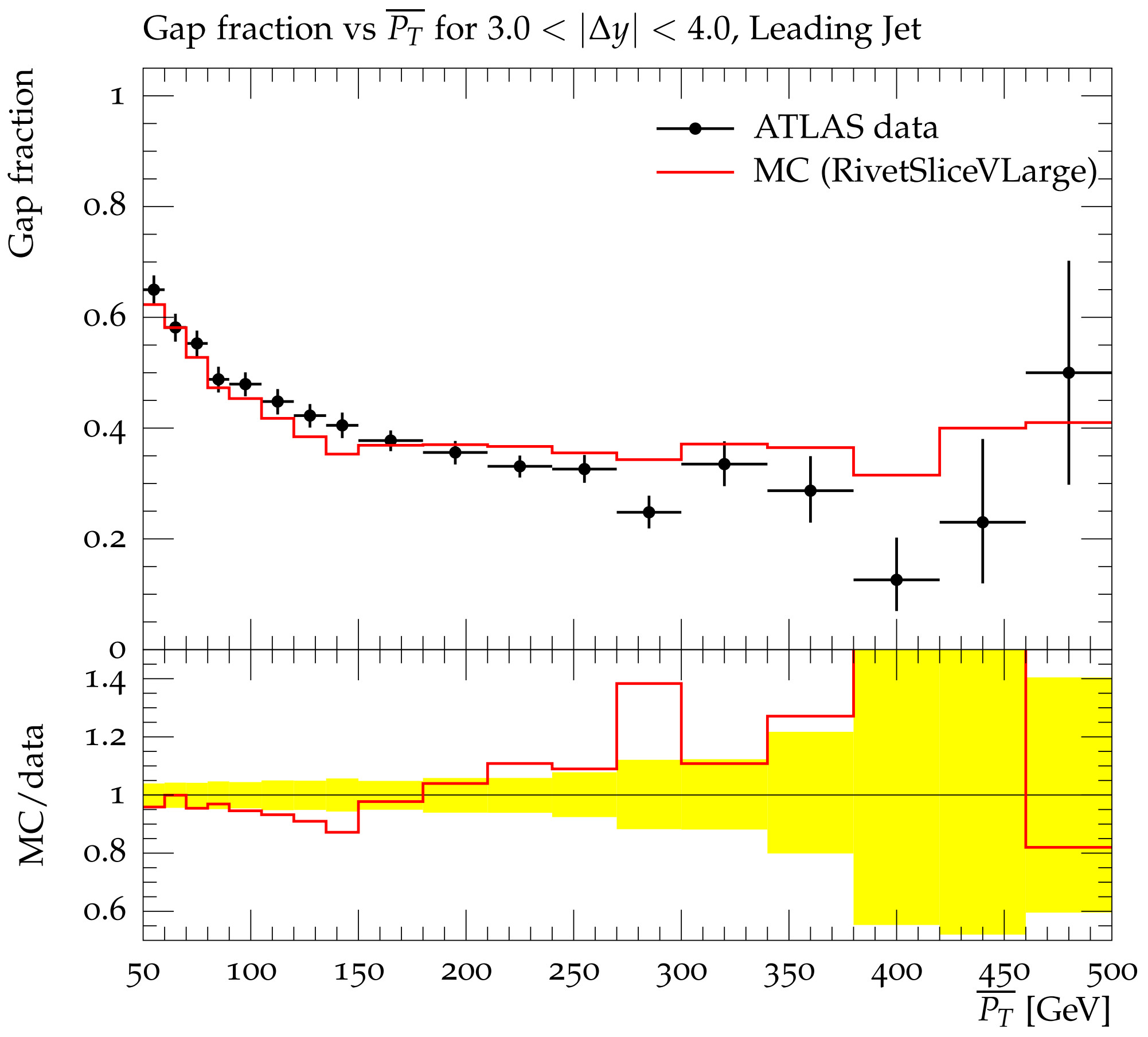
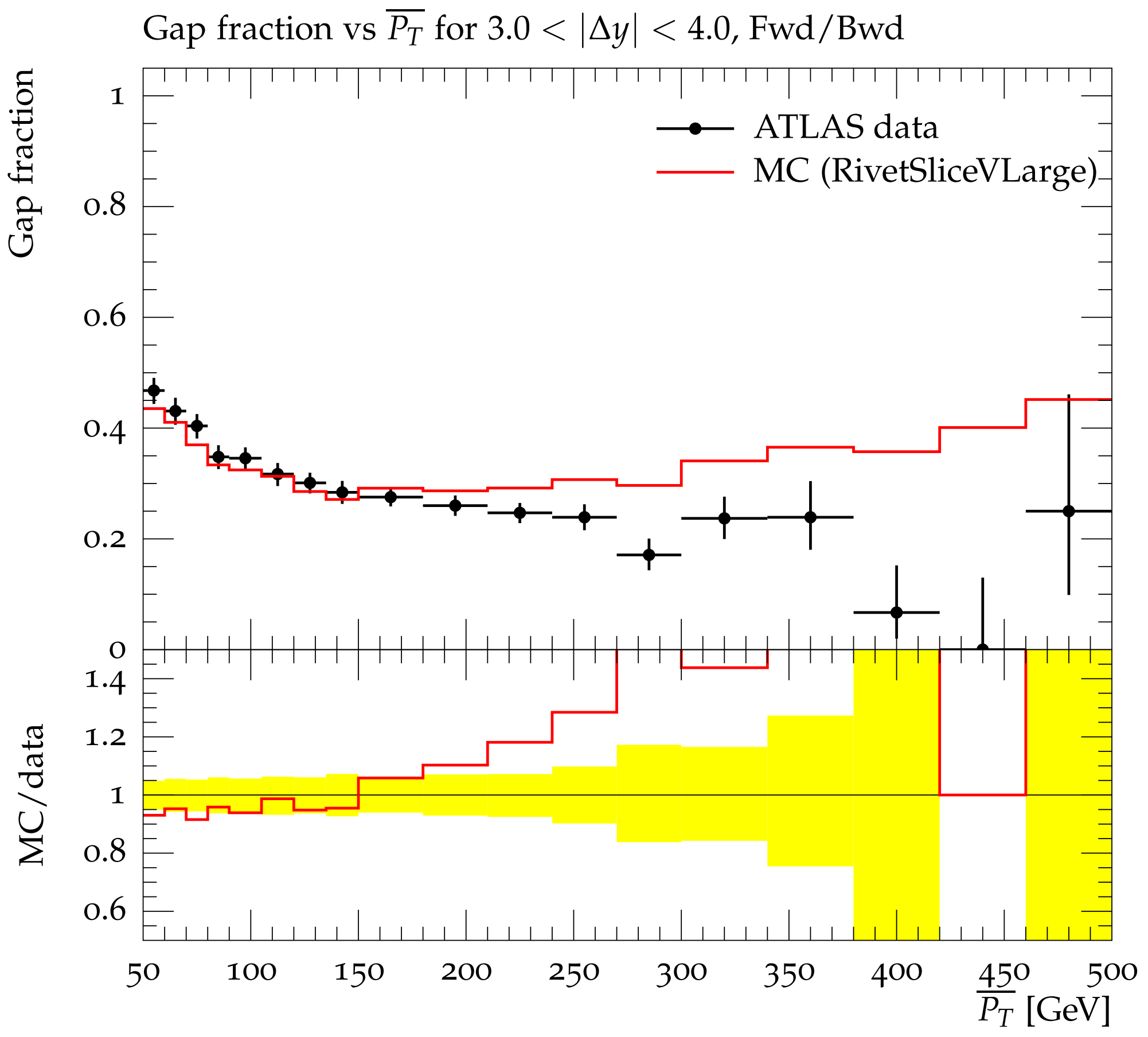

Gap fraction vs $\overline{P_T}$ for $1.0 < |\Delta y| < 2.0$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]

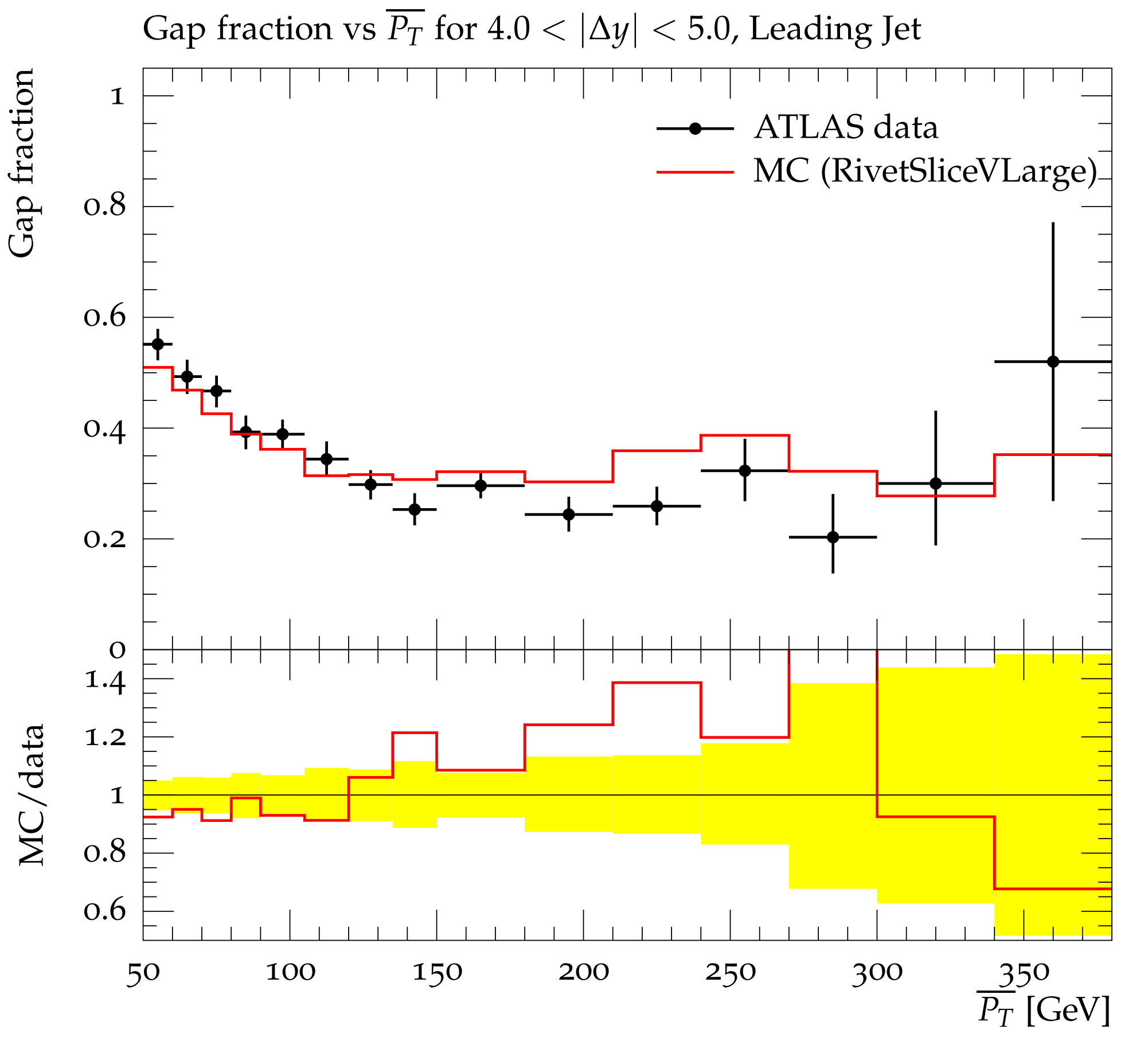

Gap fraction vs $\overline{P_T}$ for $1.0 < |\Delta y| < 2.0$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]

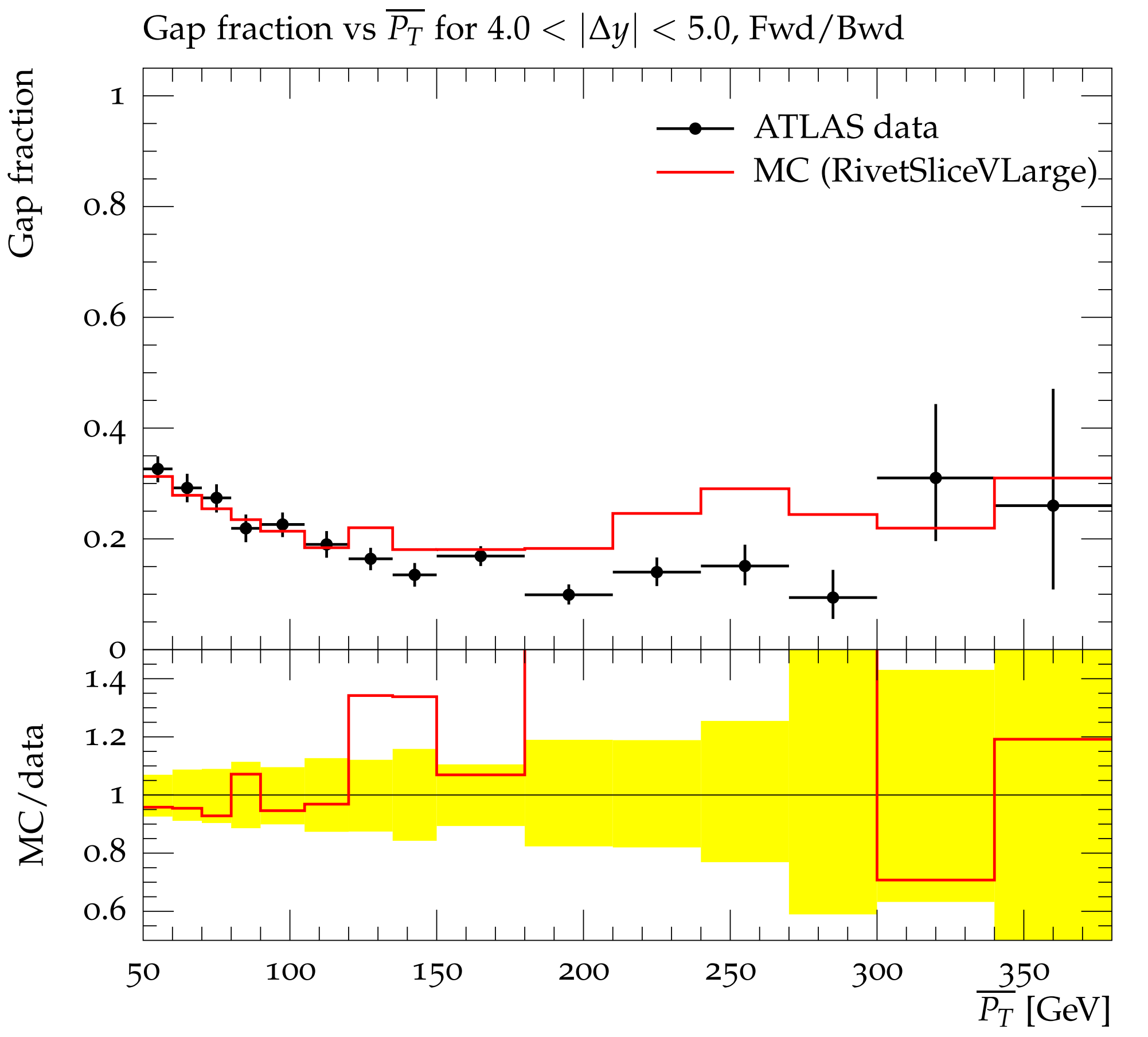

Gap fraction vs $\overline{P_T}$ for $2.0 < |\Delta y| < 3.0$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]

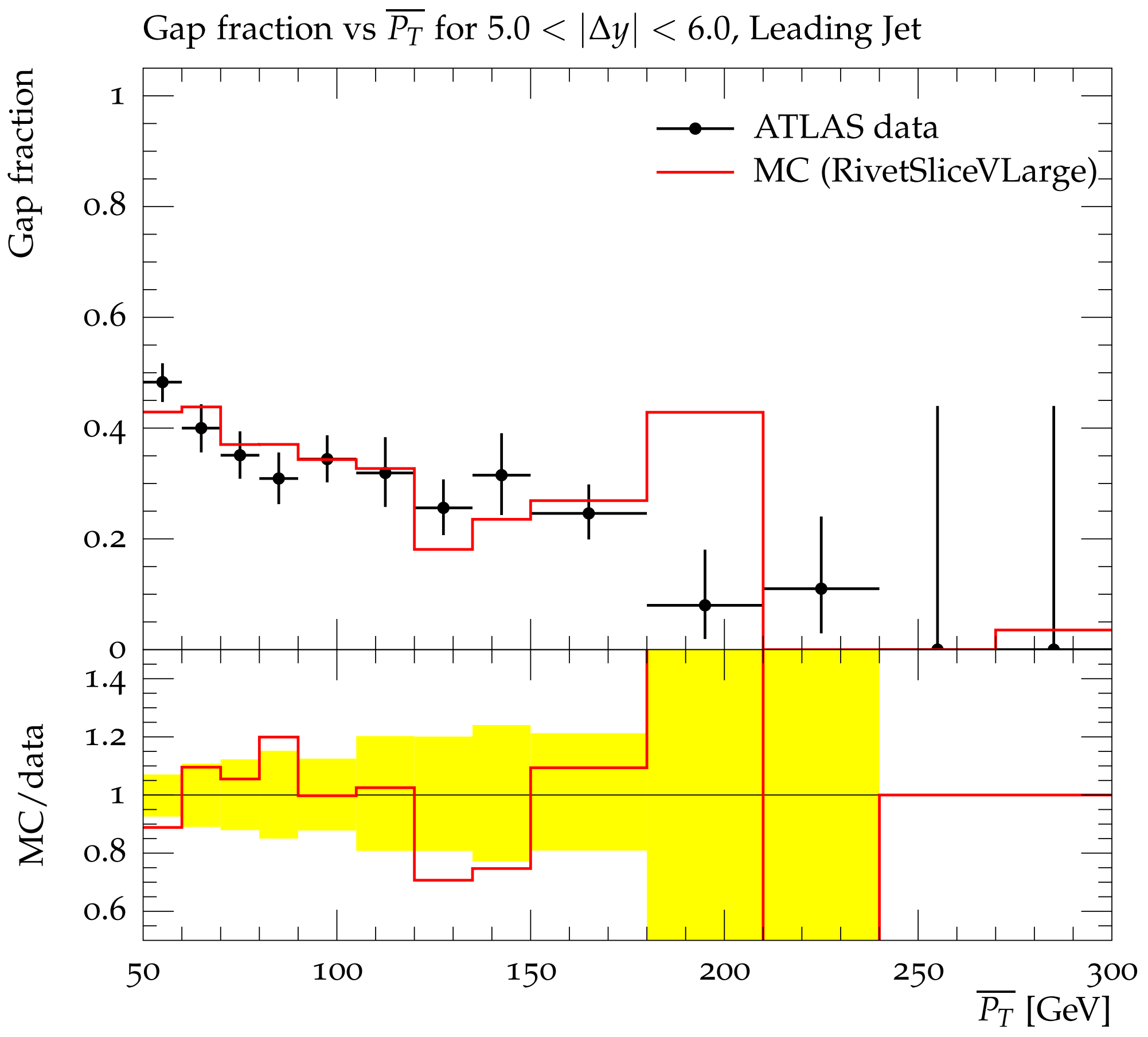

Gap fraction vs $\overline{P_T}$ for $2.0 < |\Delta y| < 3.0$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]

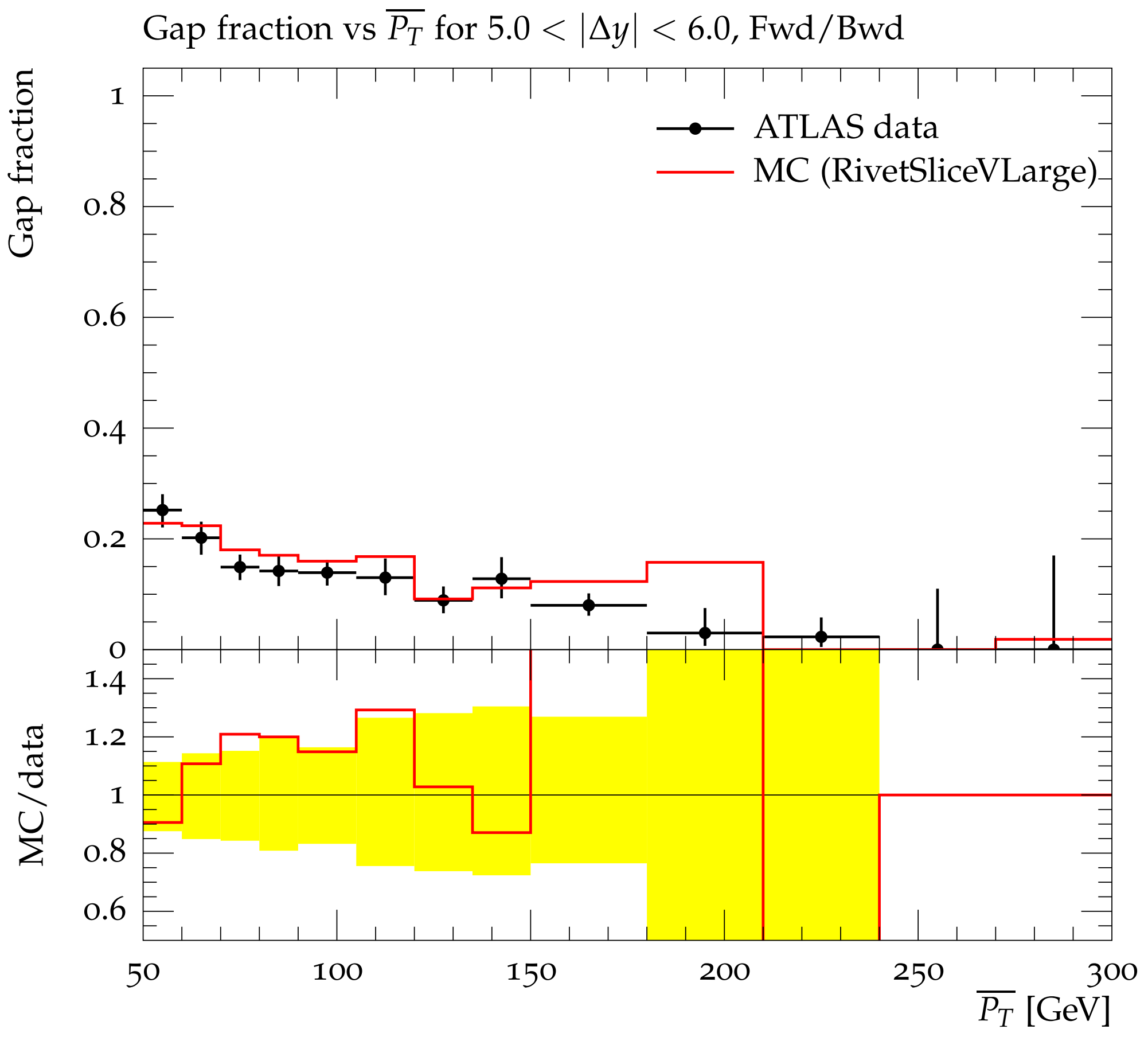

Gap fraction vs $\overline{P_T}$ for $3.0 < |\Delta y| < 4.0$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]

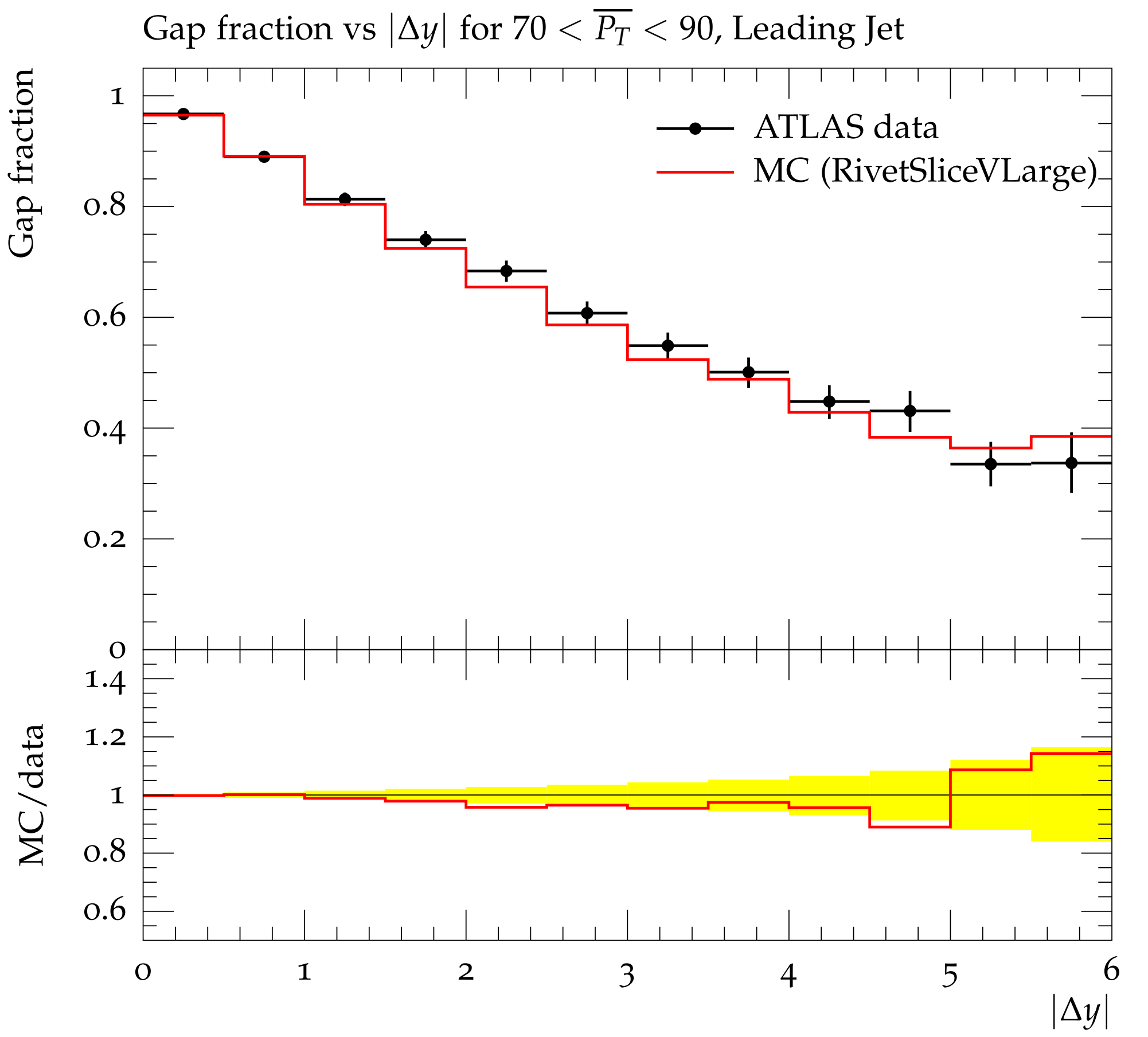

Gap fraction vs $\overline{P_T}$ for $3.0 < |\Delta y| < 4.0$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]

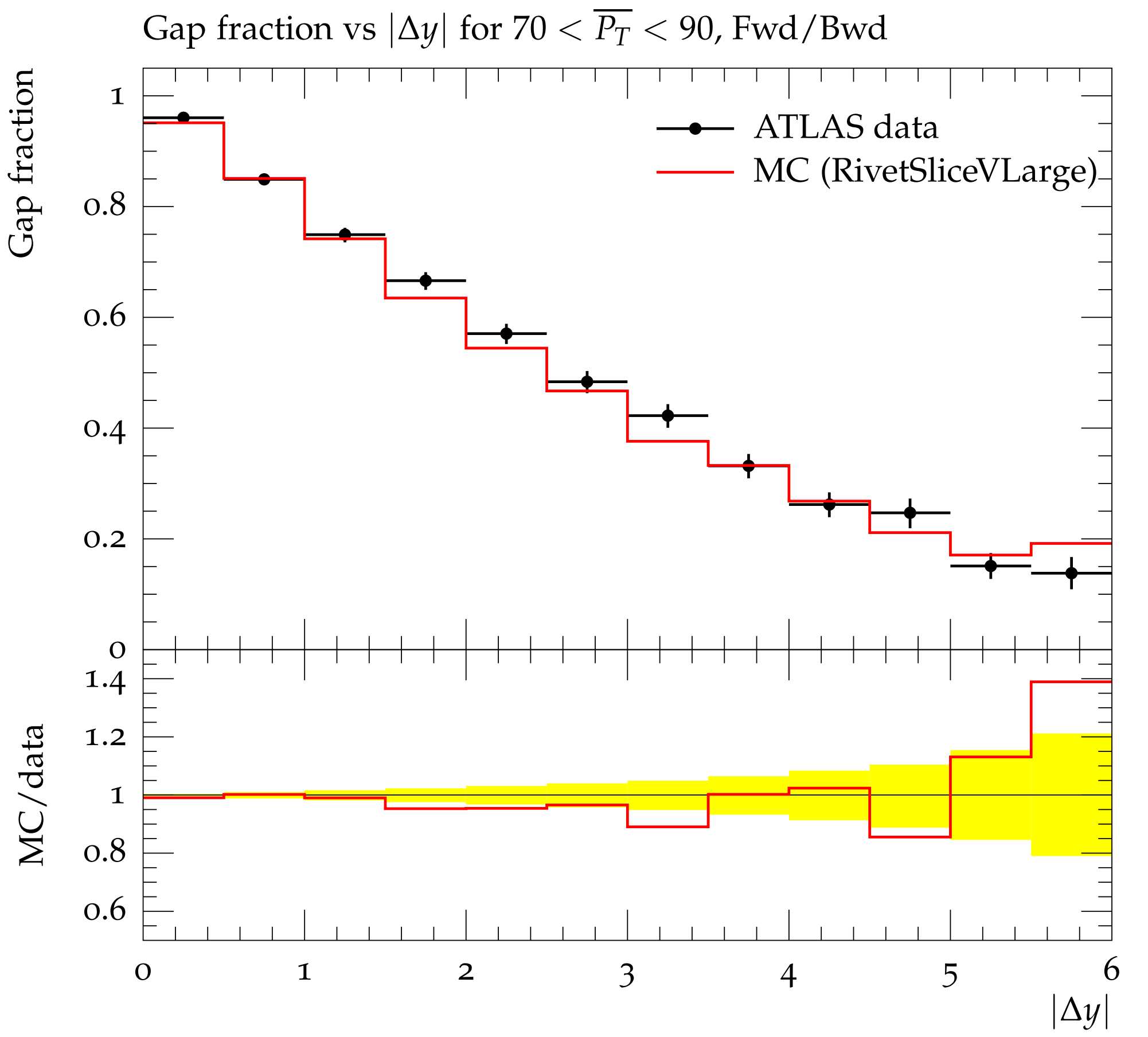

Gap fraction vs $\overline{P_T}$ for $4.0 < |\Delta y| < 5.0$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
50
100
150
200
250
300
350

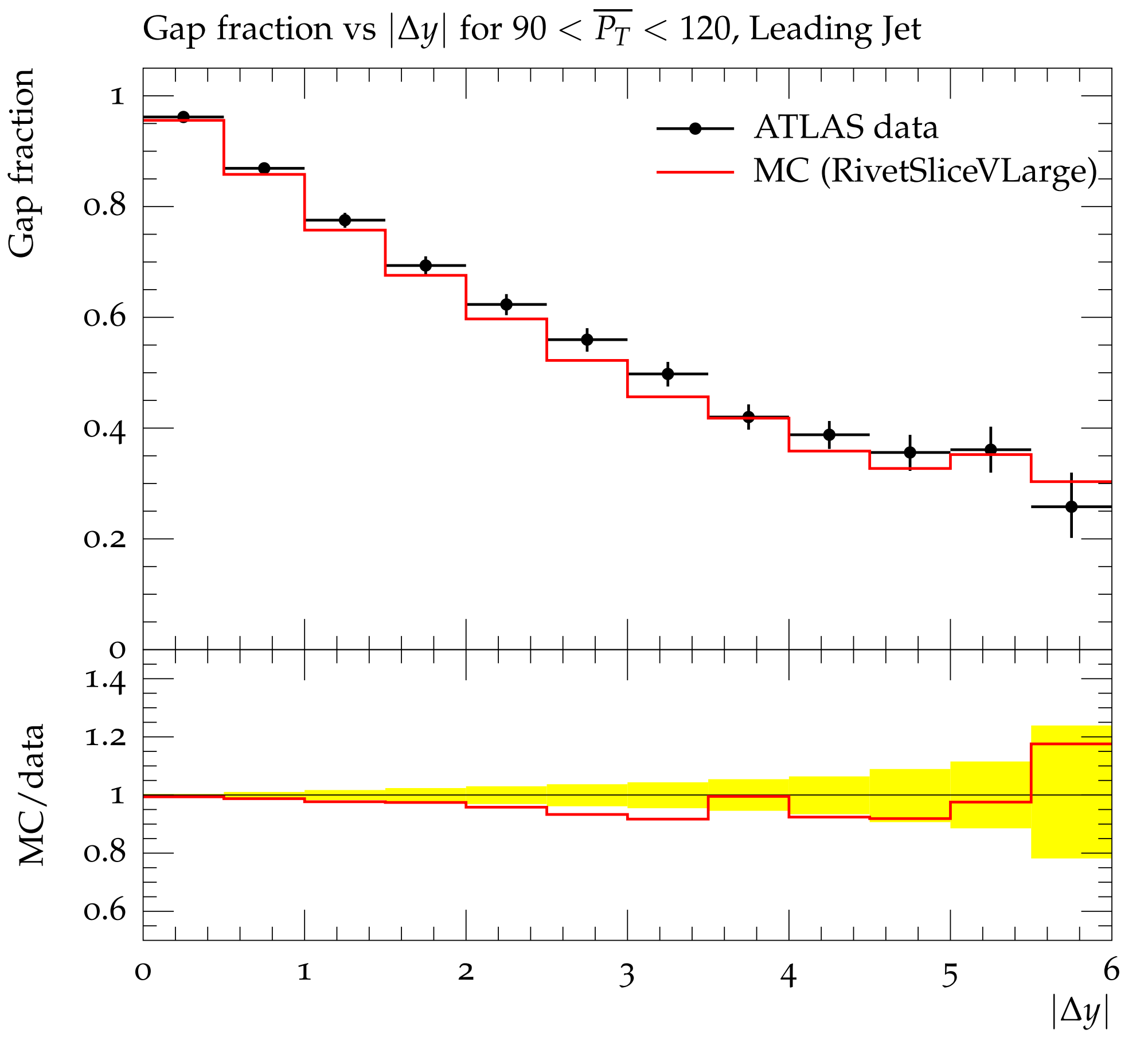

Gap fraction vs $\overline{P_T}$ for $4.0 < |\Delta y| < 5.0$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
50
100
150
200
250
300
350

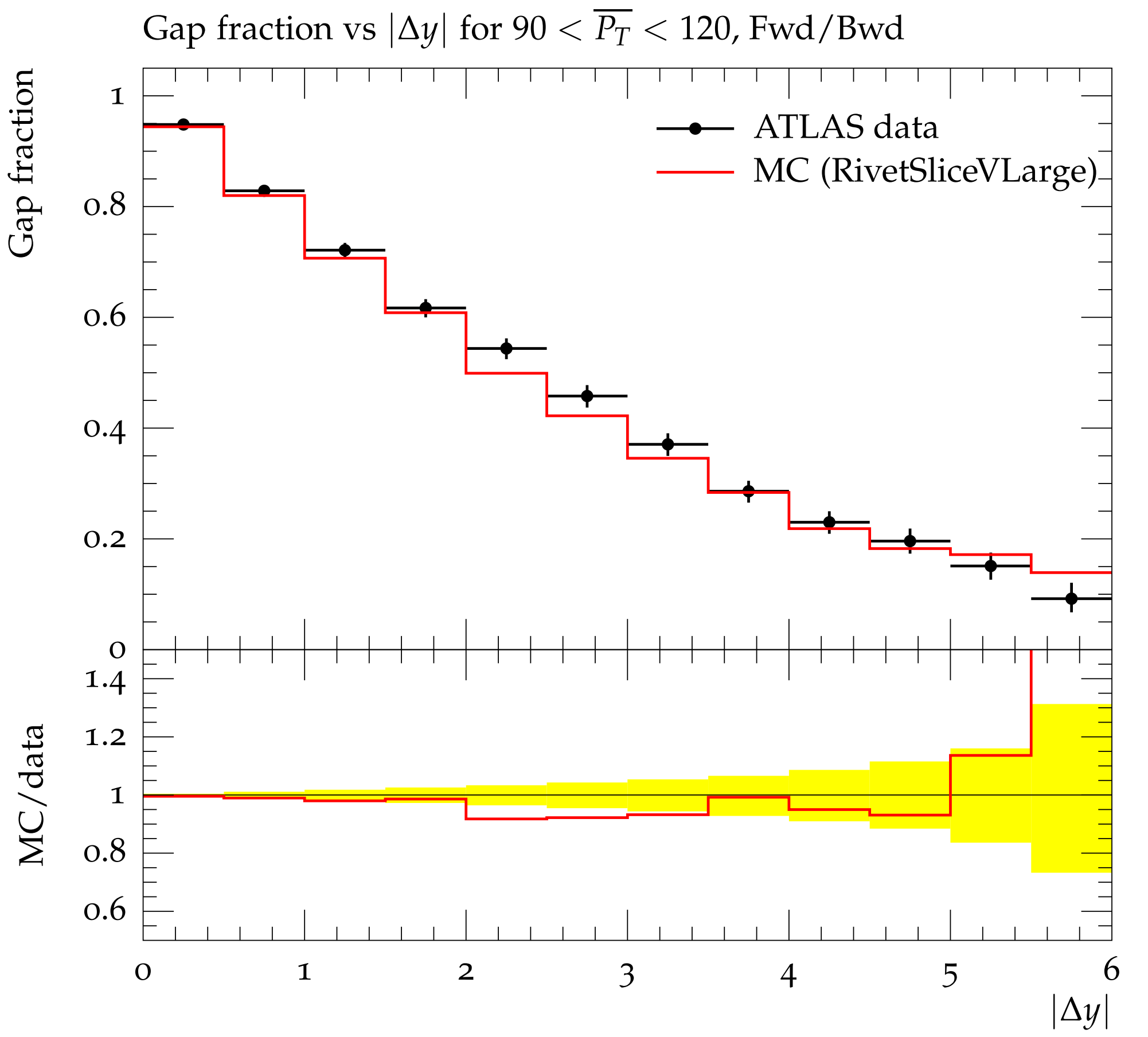

Gap fraction vs $\overline{P_T}$ for $5.0 < |\Delta y| < 6.0$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
50
100
150
200
250
300

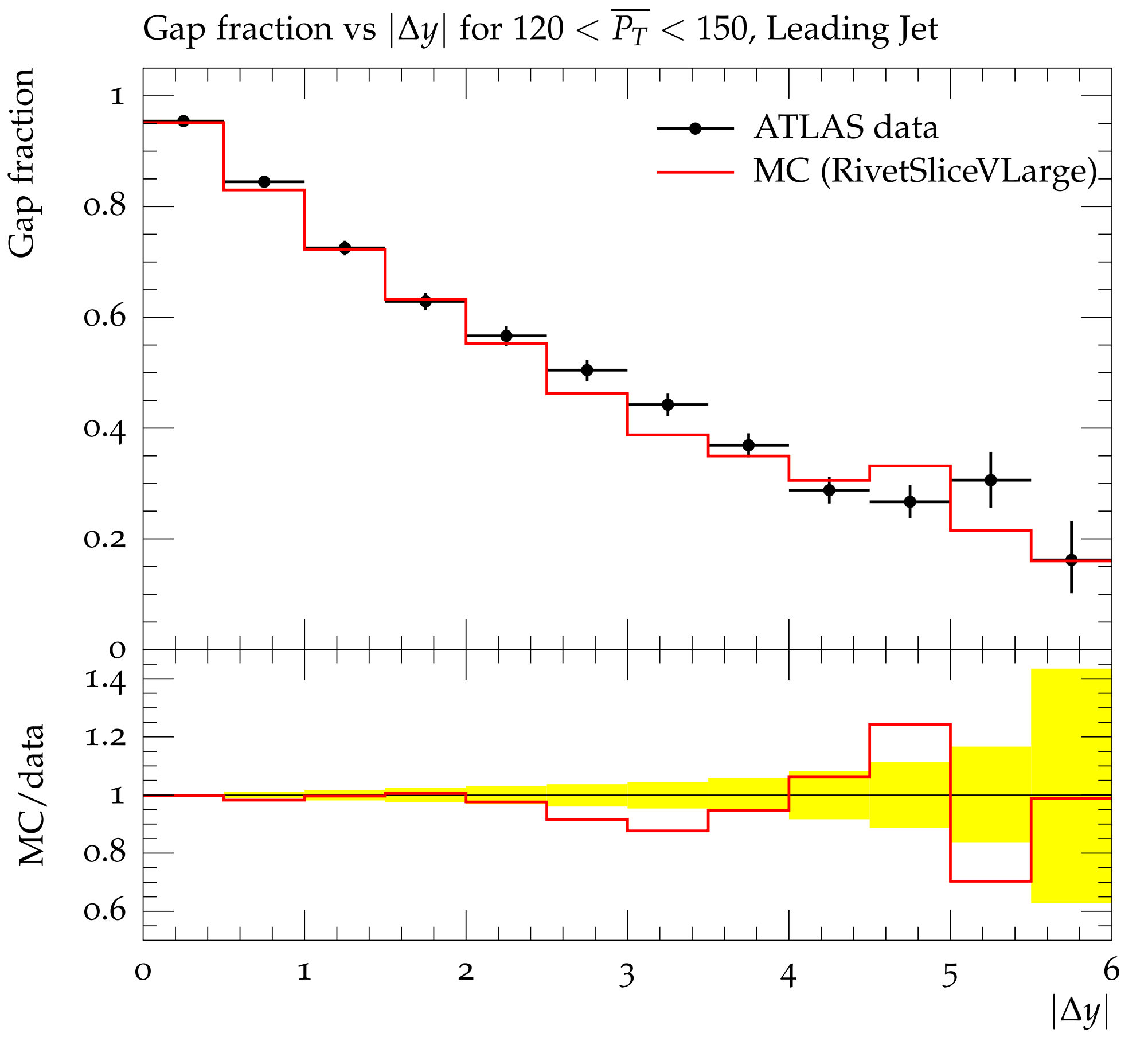

Gap fraction vs $\overline{P_T}$ for $5.0 < |\Delta y| < 6.0$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
50
100
150
200
250
300

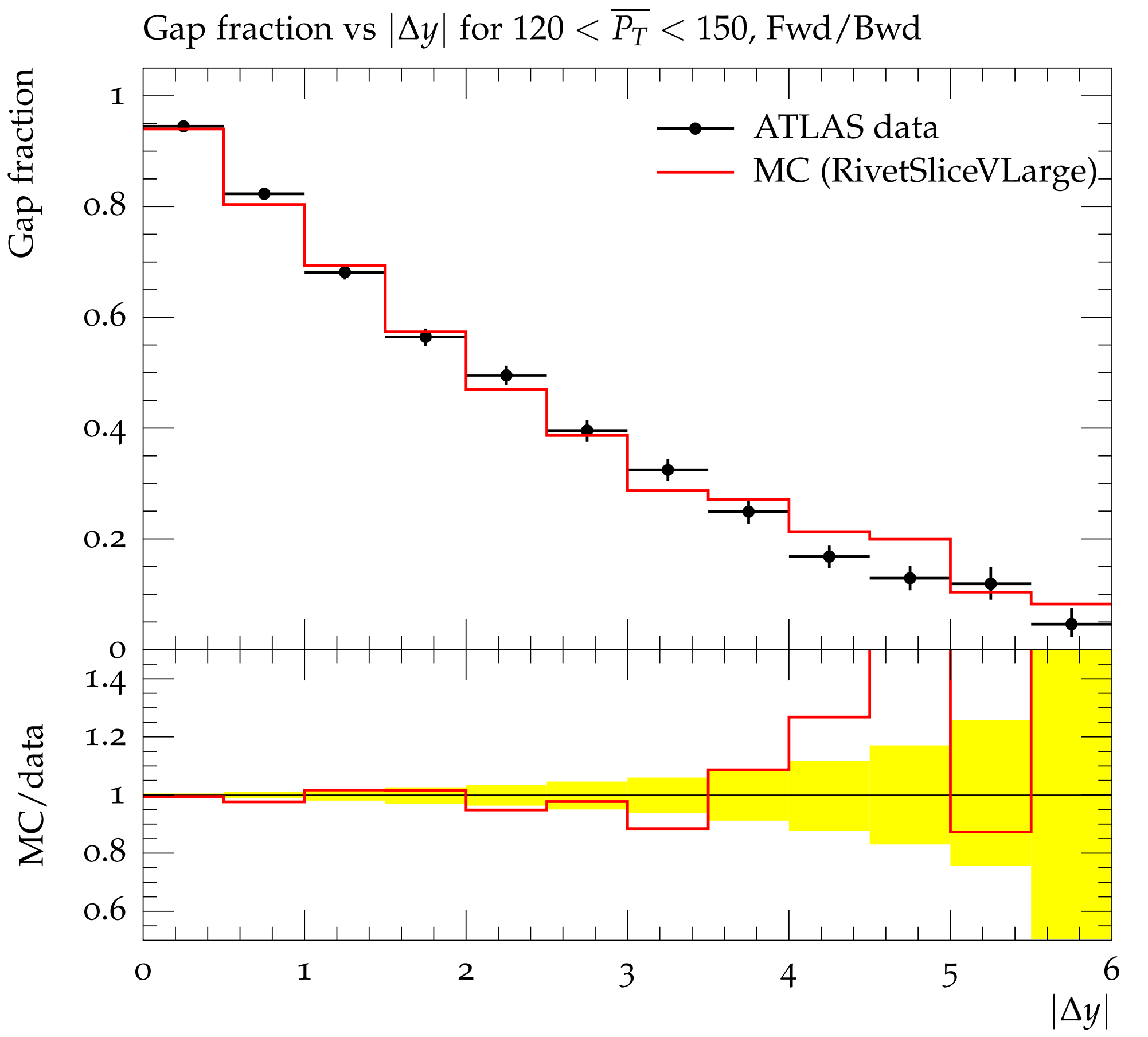

Gap fraction vs $|\Delta y|$ for $70 < \overline{P_T} < 90$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$

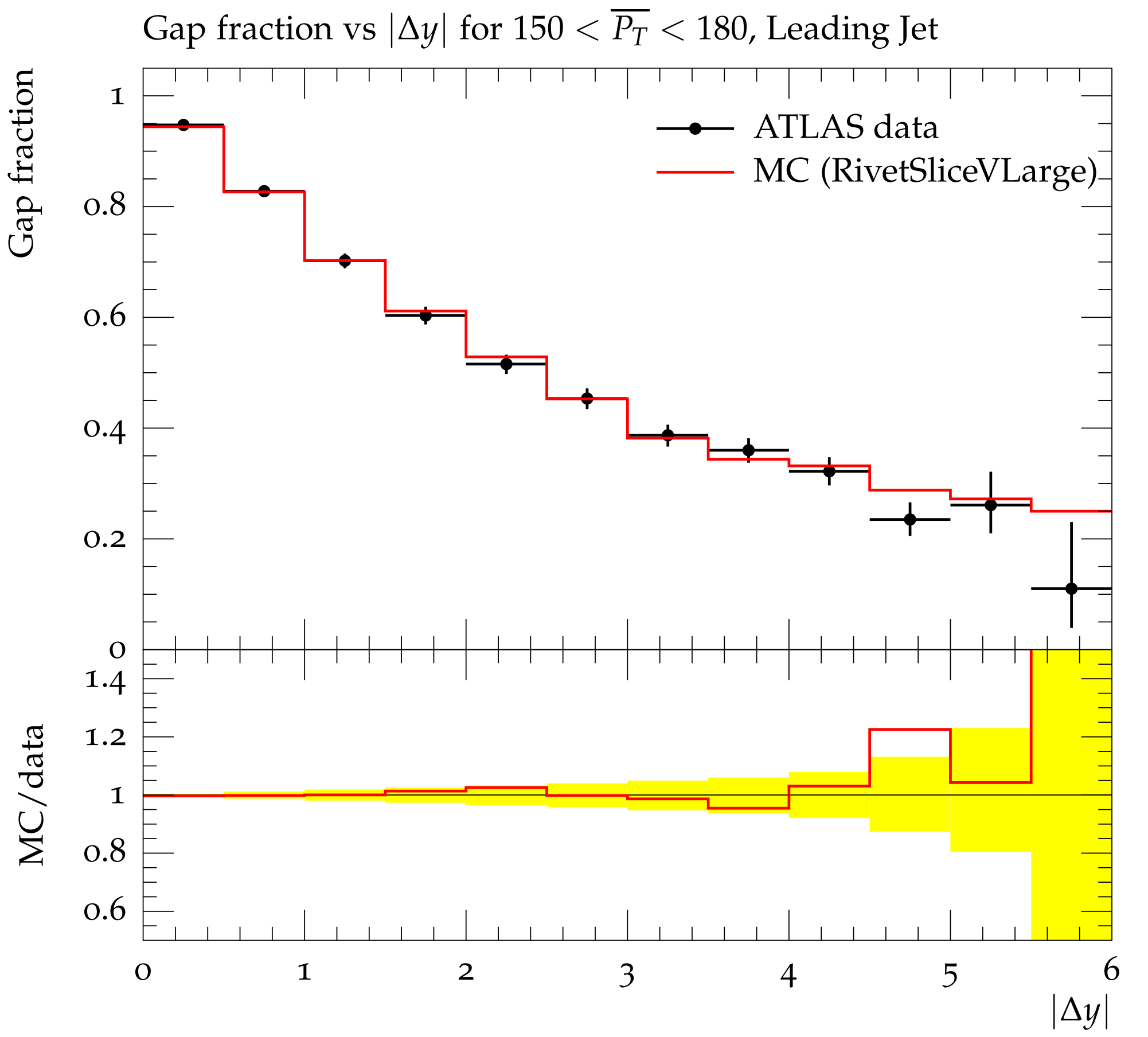

Gap fraction vs $|\Delta y|$ for $70 < \overline{P_T} < 90$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

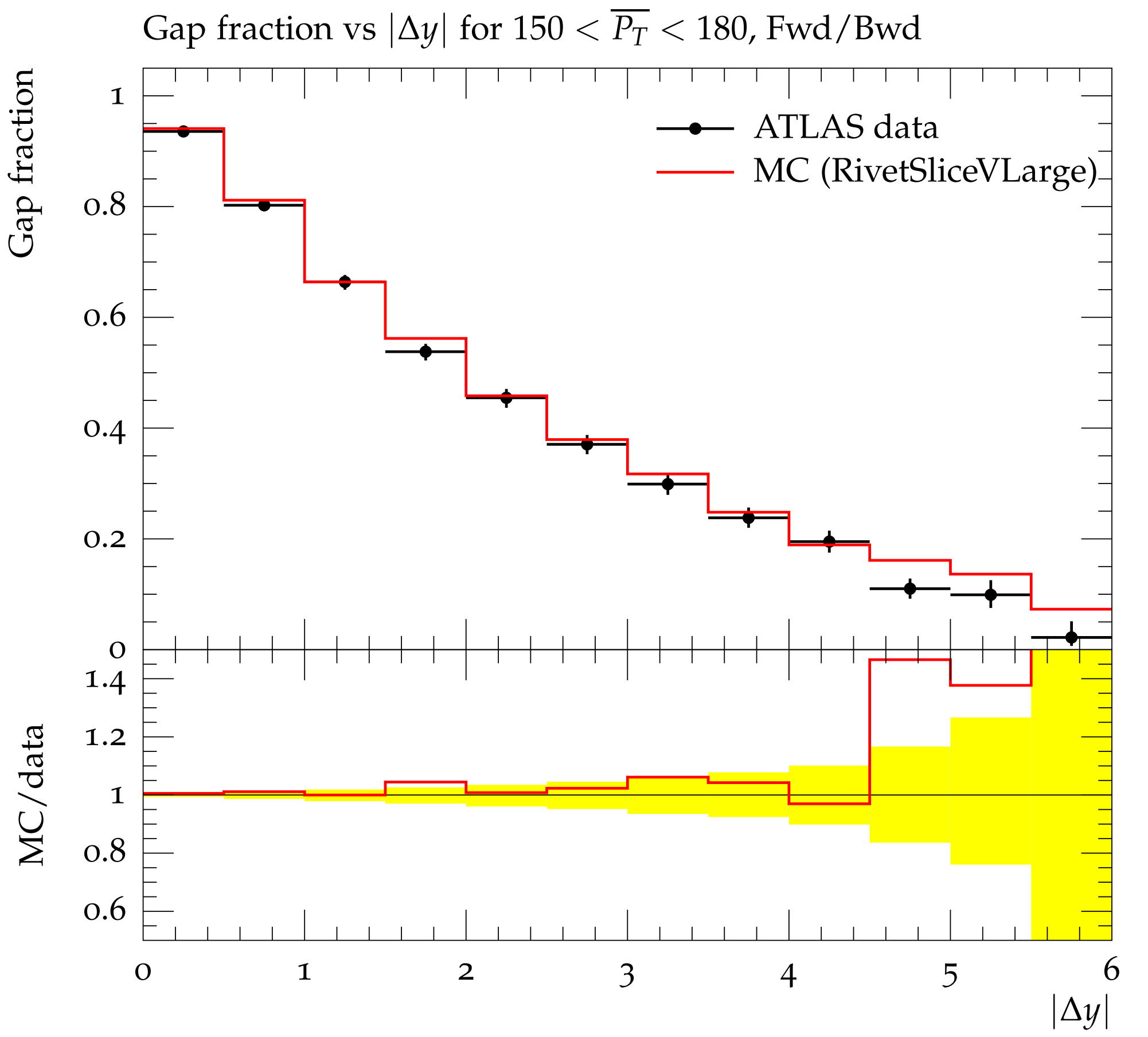

Gap fraction vs $|\Delta y|$ for $90 < \overline{P_T} < 120$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$

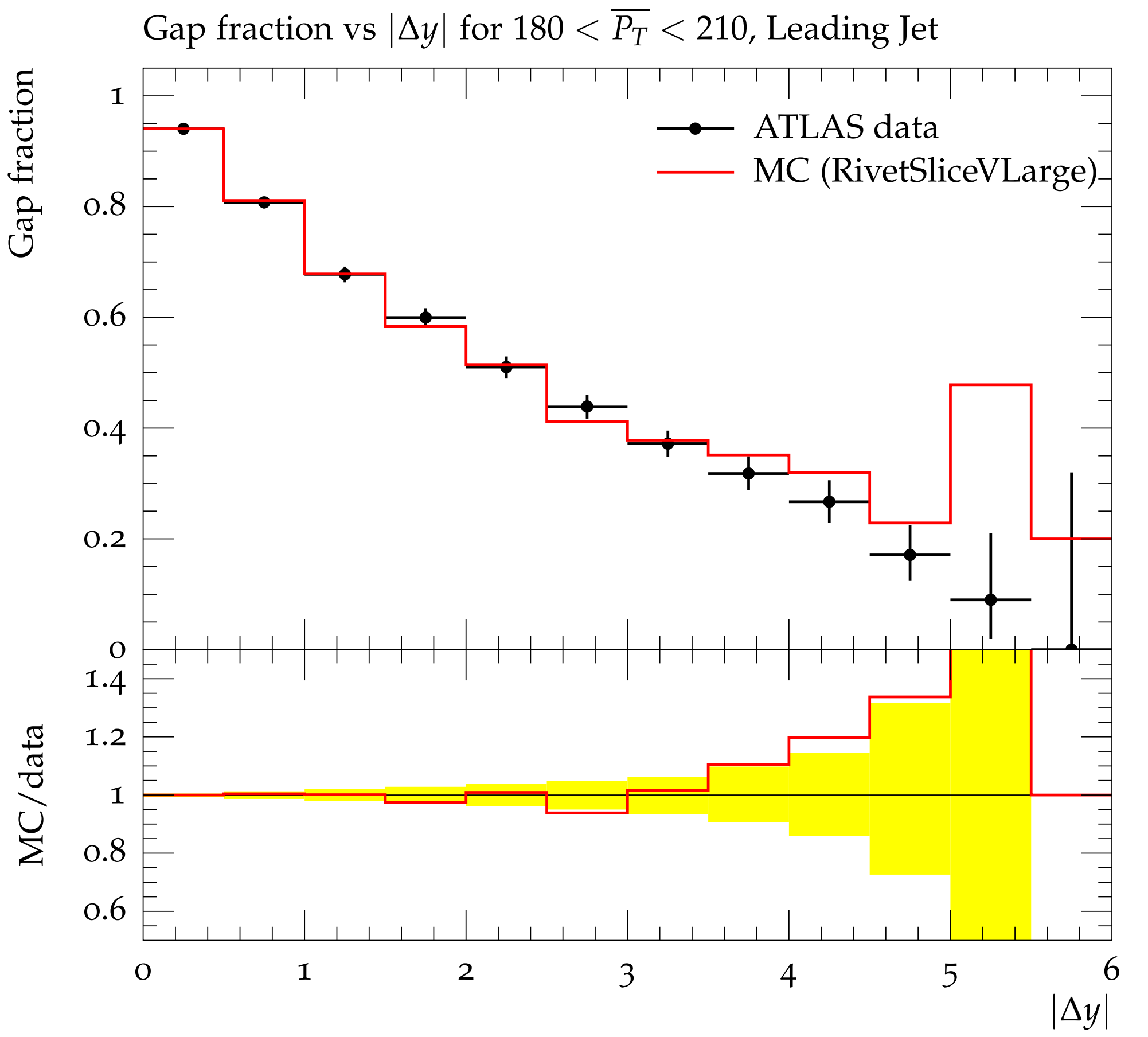

Gap fraction vs $|\Delta y|$ for $90 < \overline{P_T} < 120$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
2
3
4
5
6

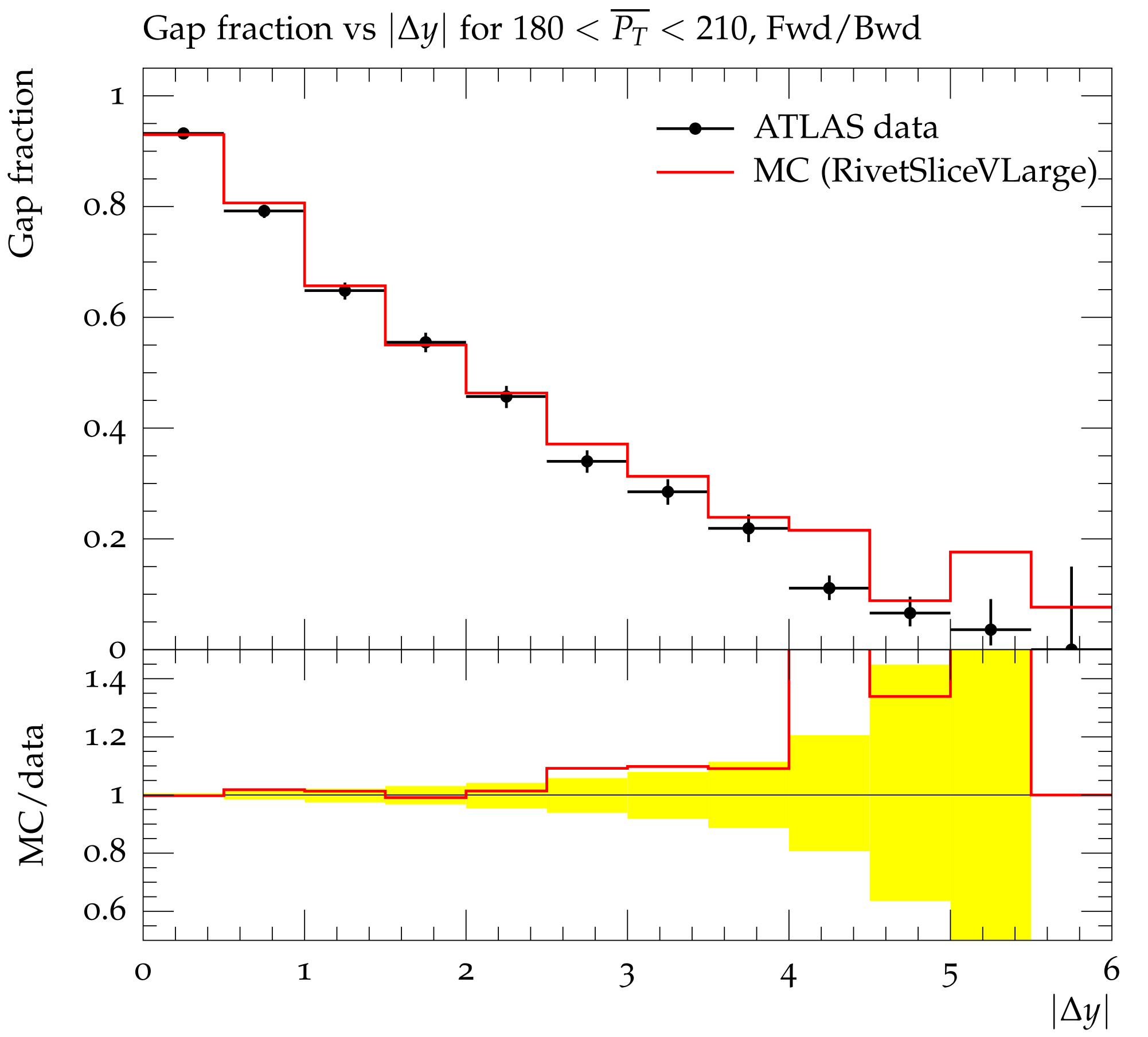

Gap fraction vs $|\Delta y|$ for $120 < \overline{P_T} < 150$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$

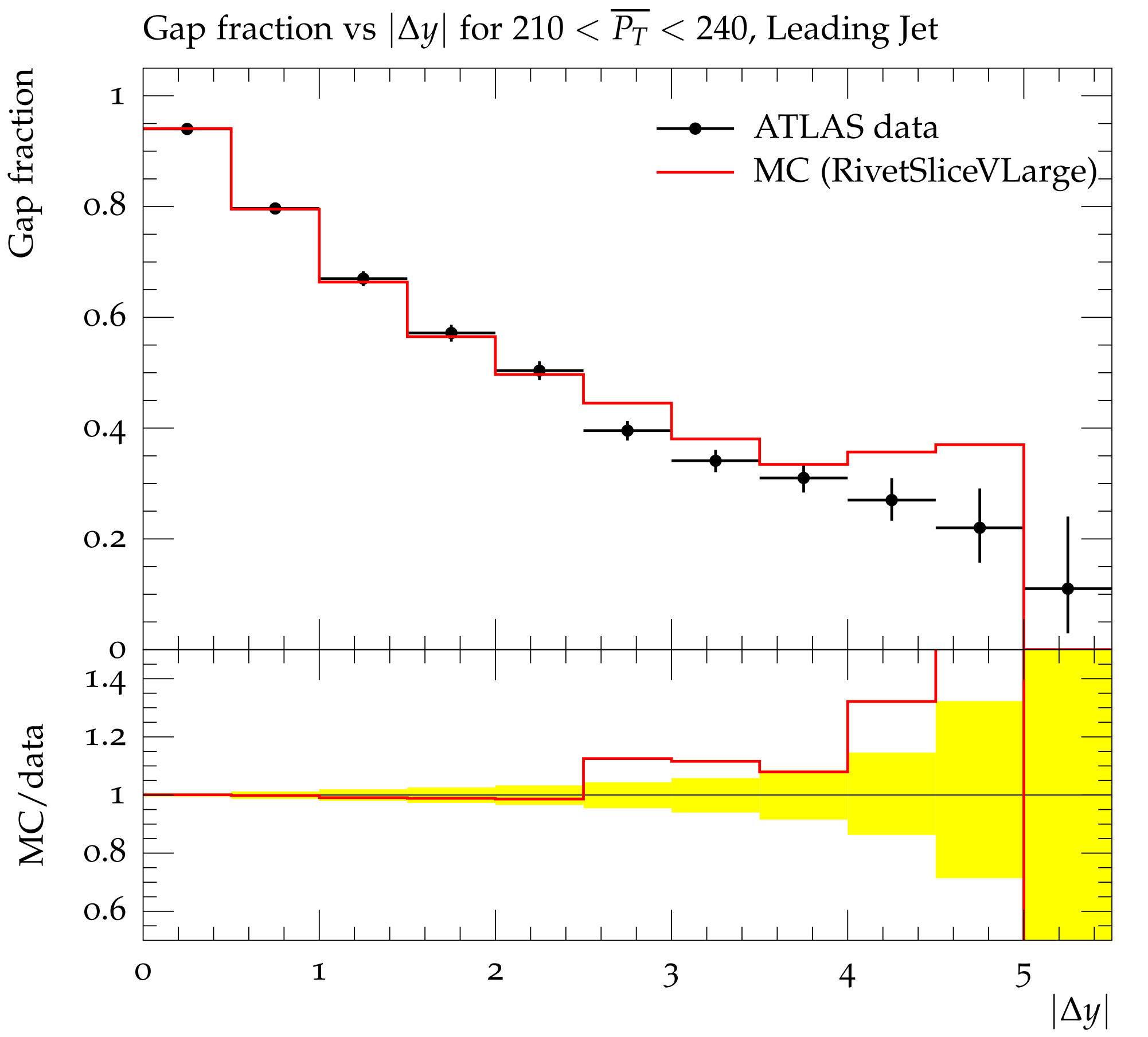

Gap fraction vs $|\Delta y|$ for $120 < \overline{P_T} < 150$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
2
3
4
5
6

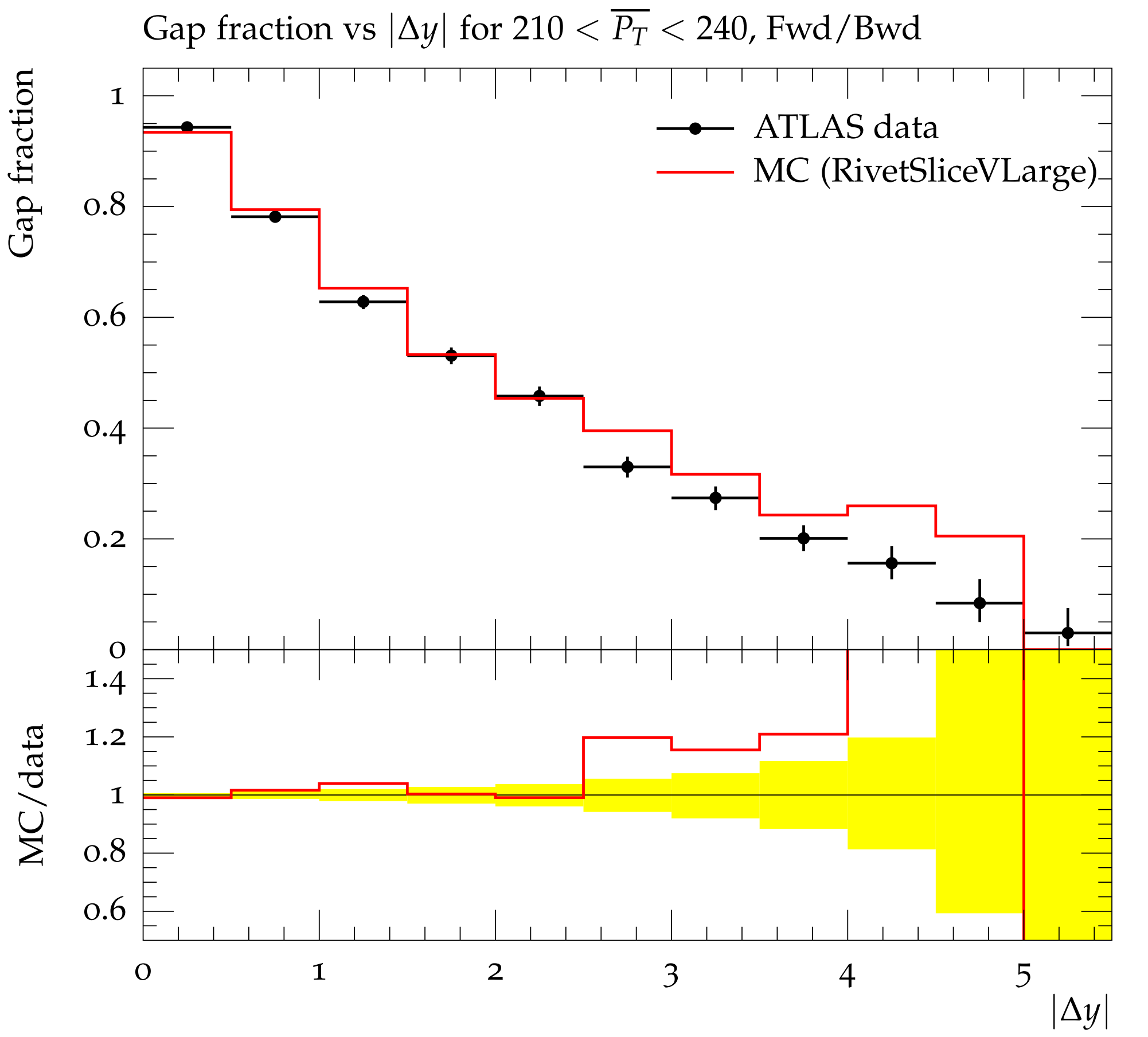

Gap fraction vs $|\Delta y|$ for $150 < \overline{P_T} < 180$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

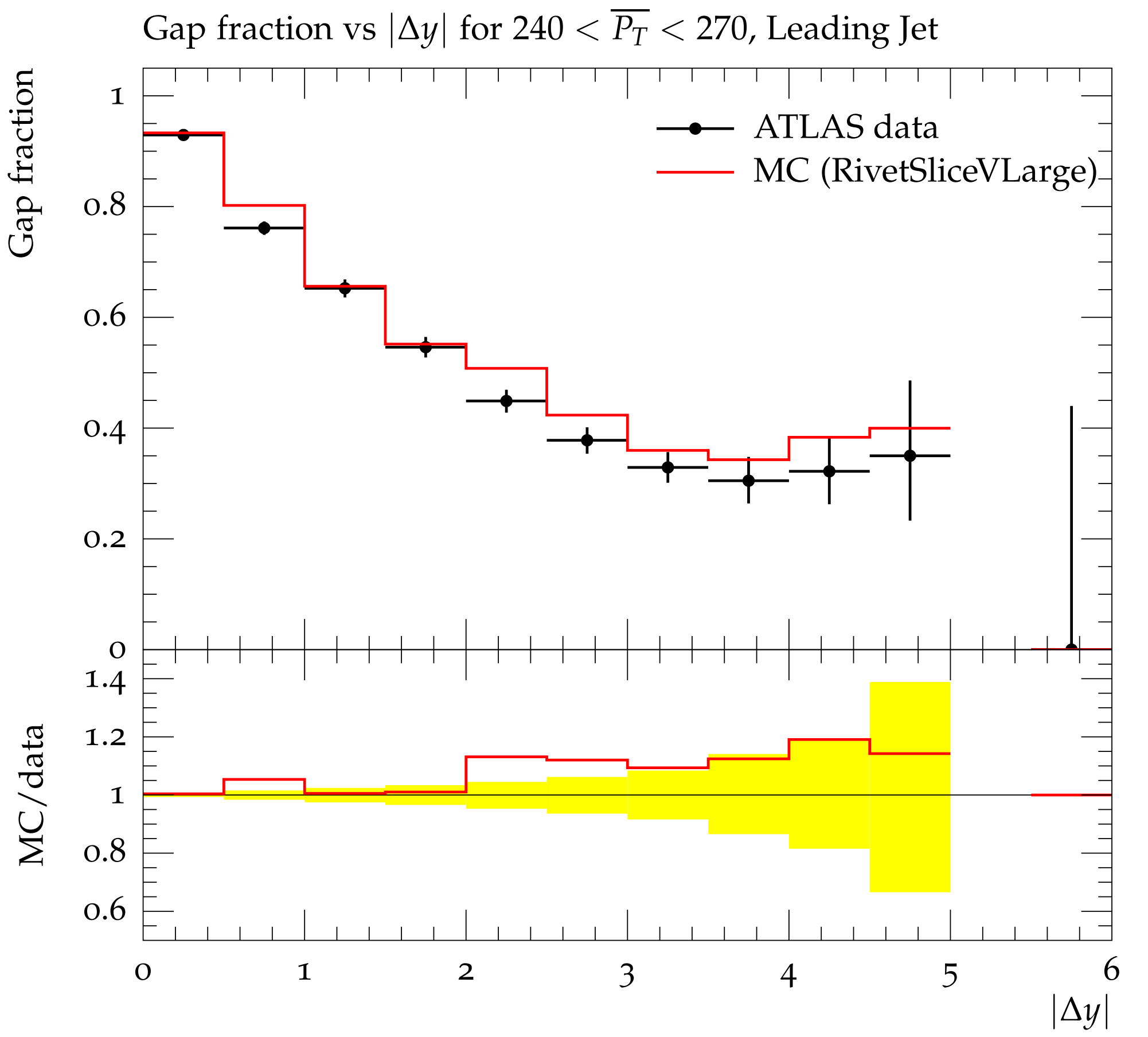

Gap fraction vs $|\Delta y|$ for $150 < \overline{P_T} < 180$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
2
3
4
5
6

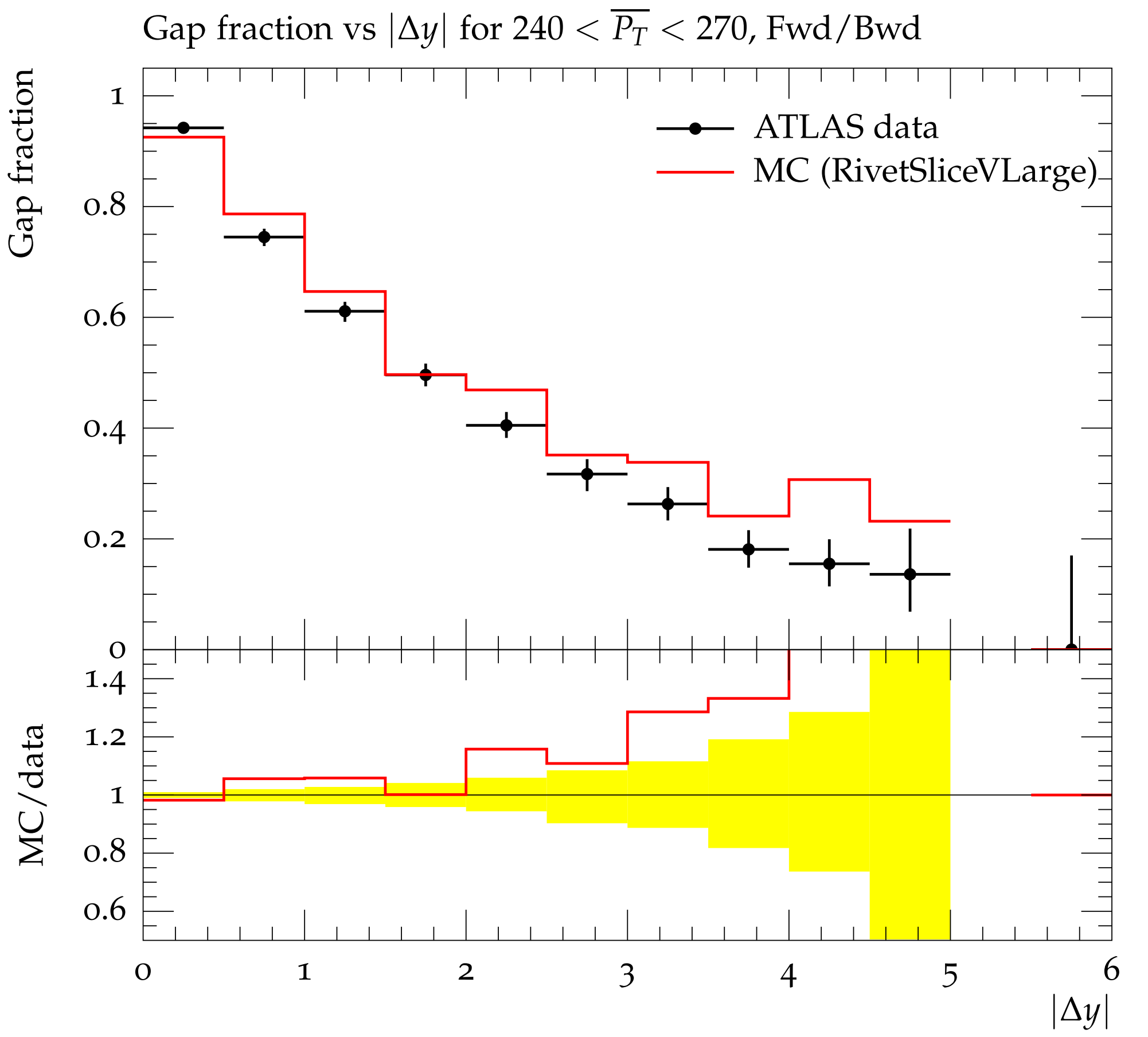

Gap fraction vs $|\Delta y|$ for $180 < \overline{P_T} < 210$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$

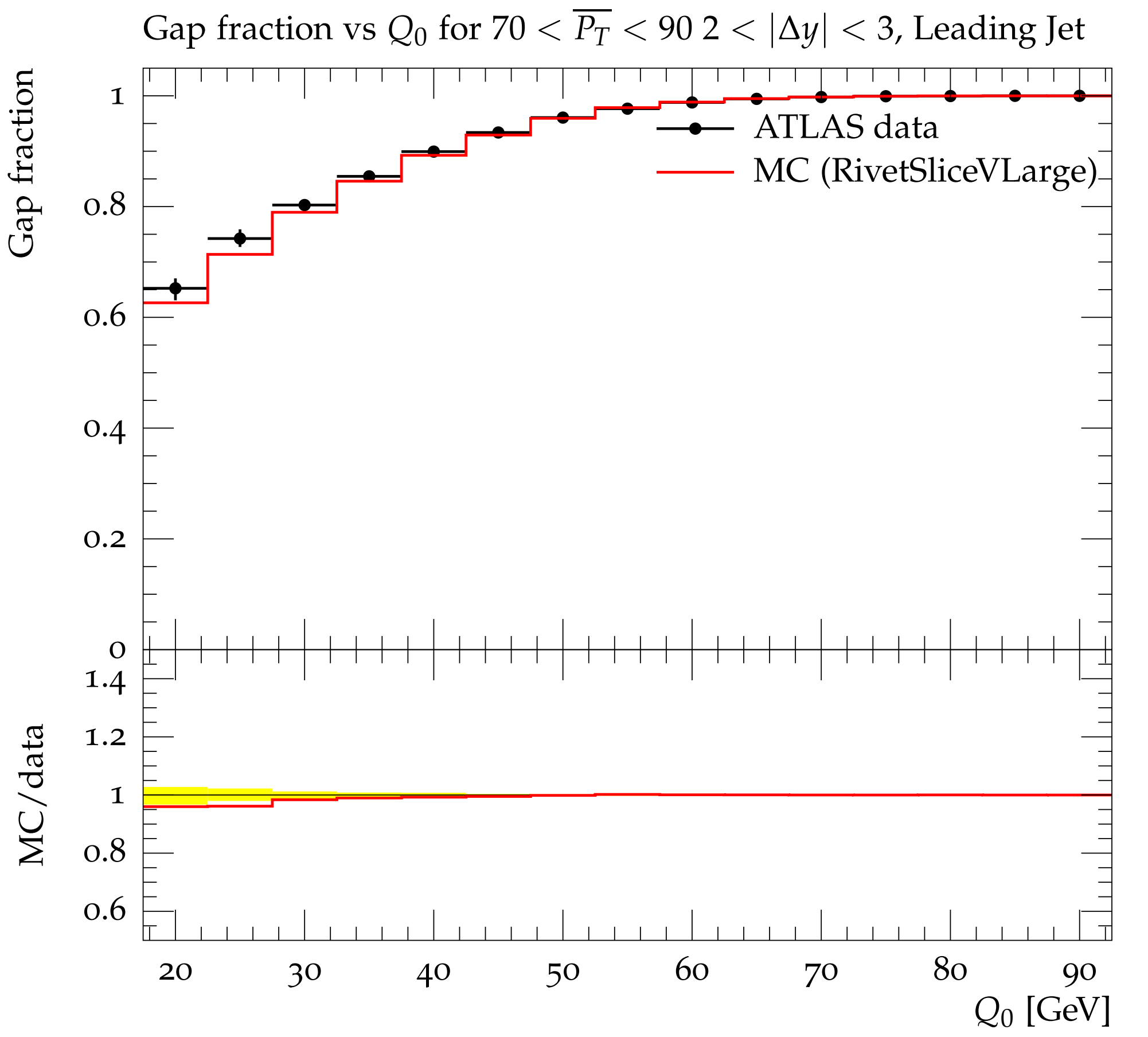

Gap fraction vs $|\Delta y|$ for $180 < \overline{P_T} < 210$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
2
3
4
5
6

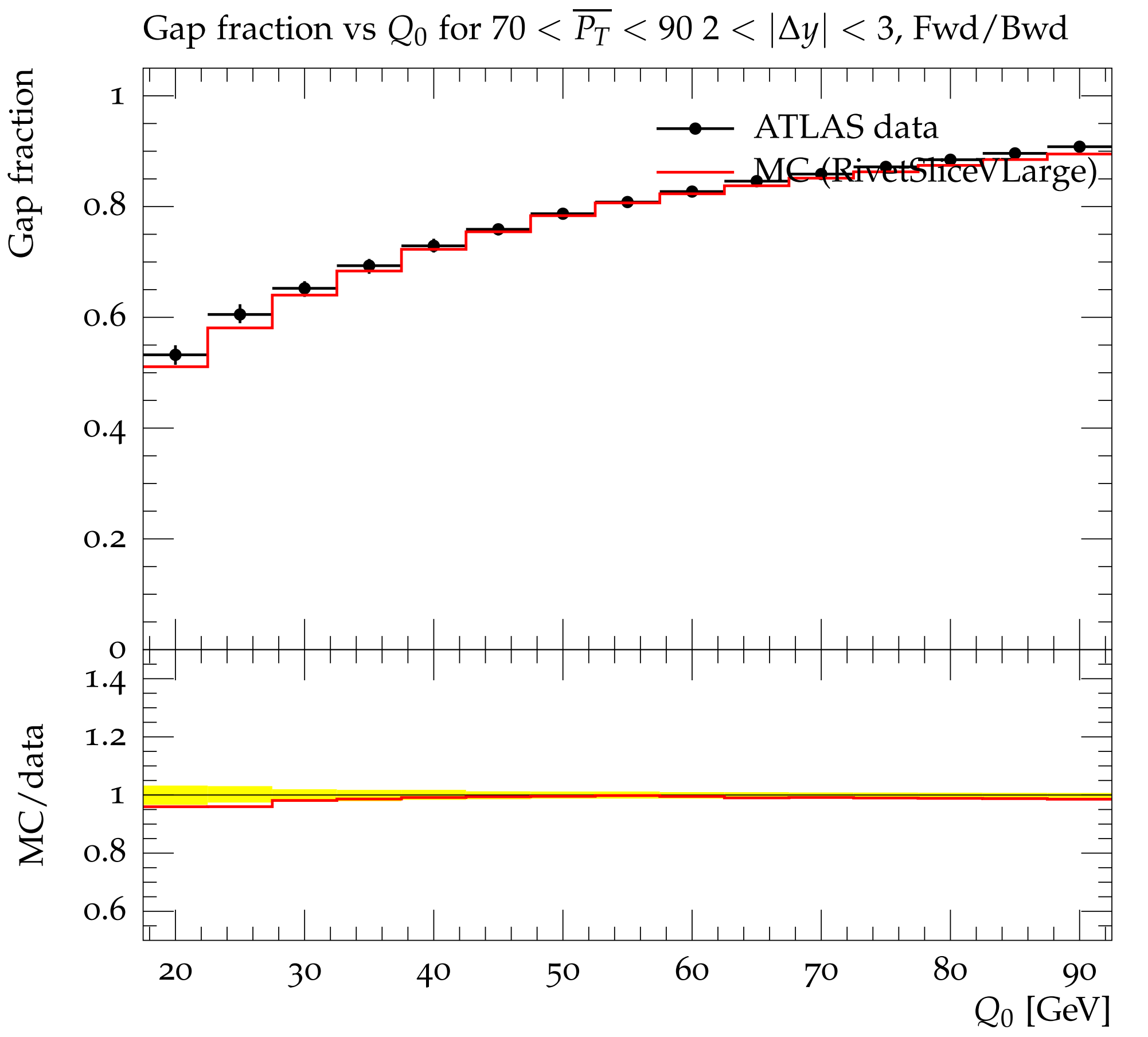

Gap fraction vs $|\Delta y|$ for $210 < \overline{P_T} < 240$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$

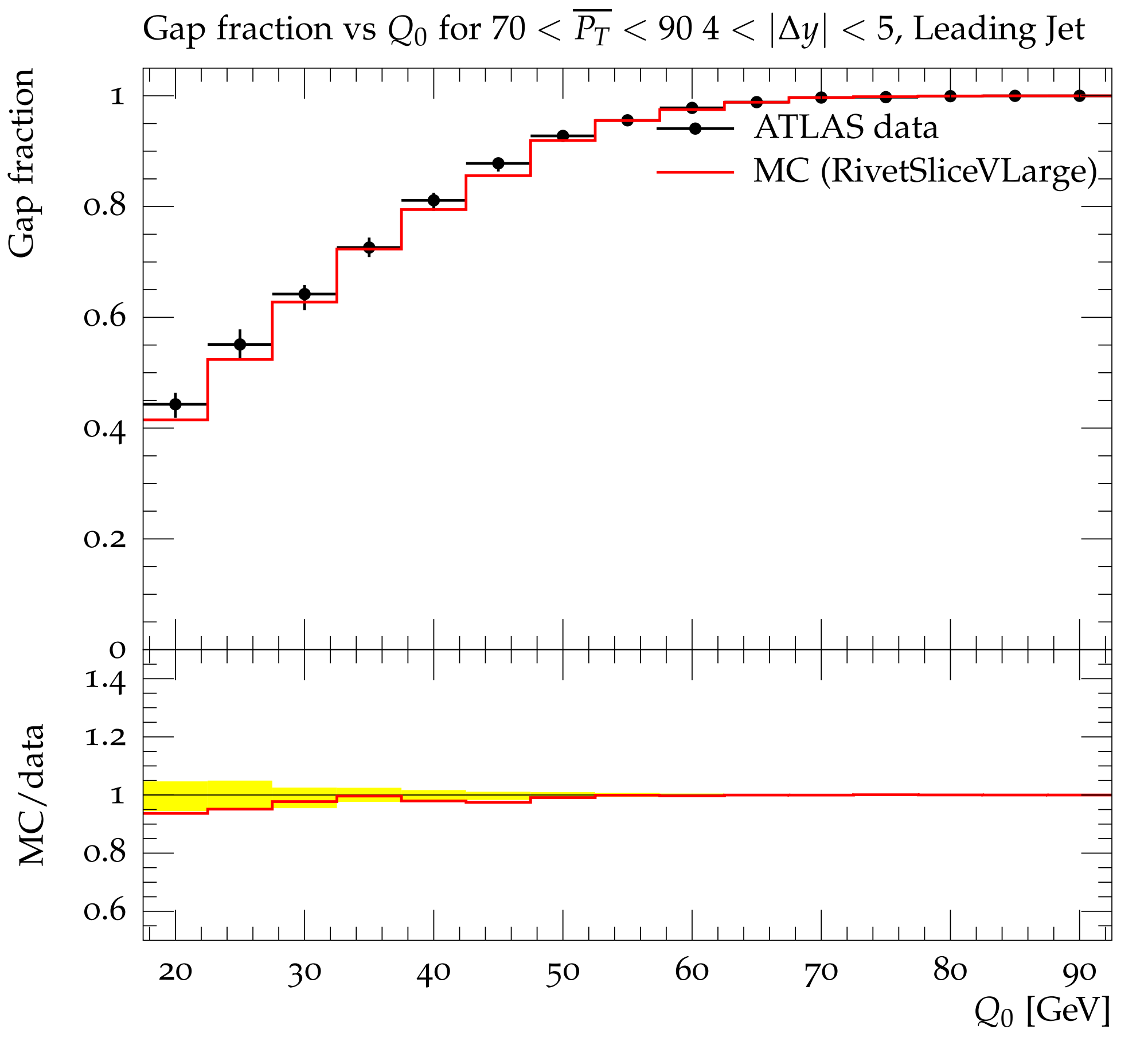

Gap fraction vs $|\Delta y|$ for $210 < \overline{P_T} < 240$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
2
3
4
5

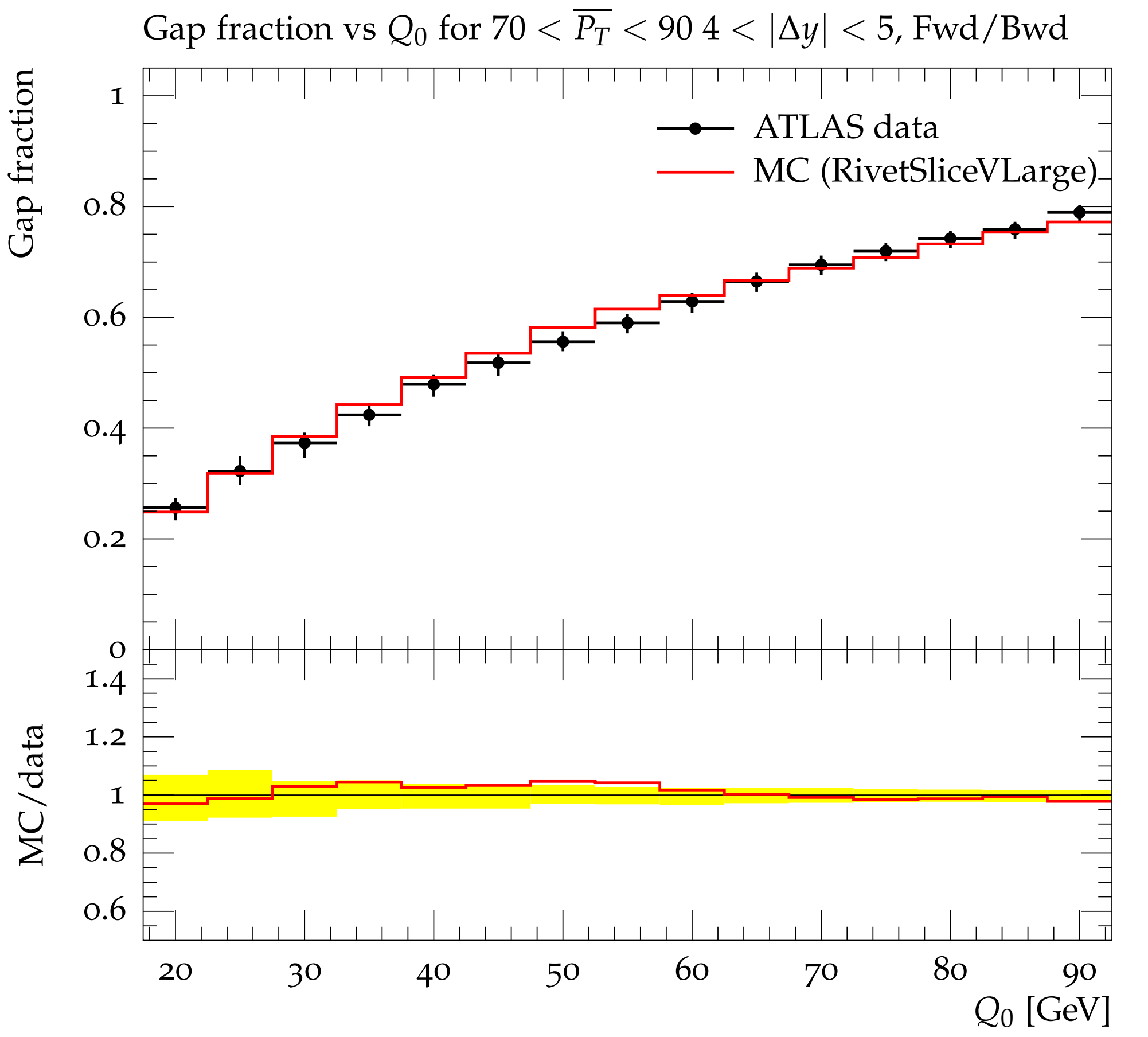

Gap fraction vs $|\Delta y|$ for $240 < \overline{P_T} < 270$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
2
3
4
5
6

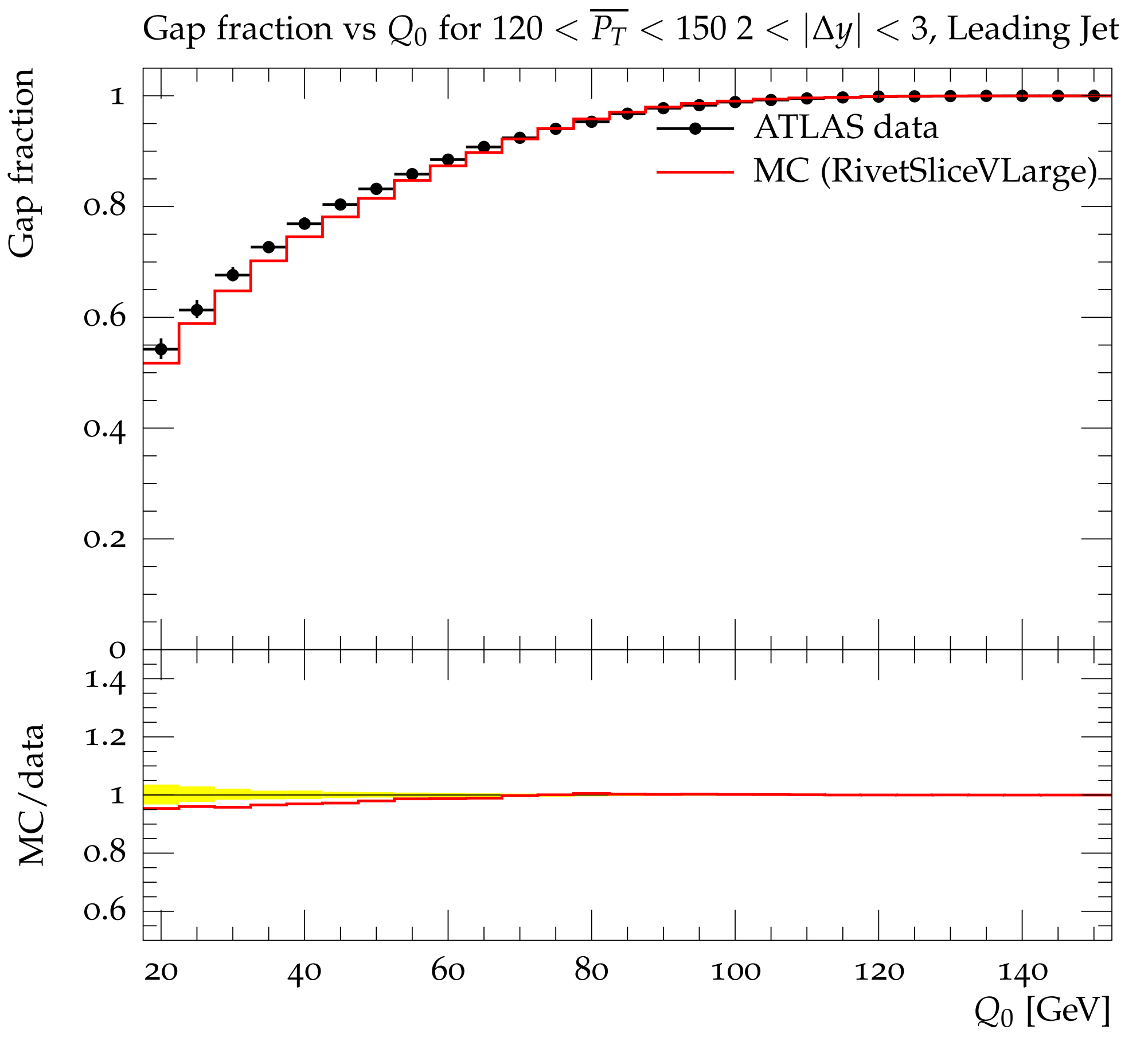

Gap fraction vs $|\Delta y|$ for $240 < \overline{P_T} < 270$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
2
3
4
5
6

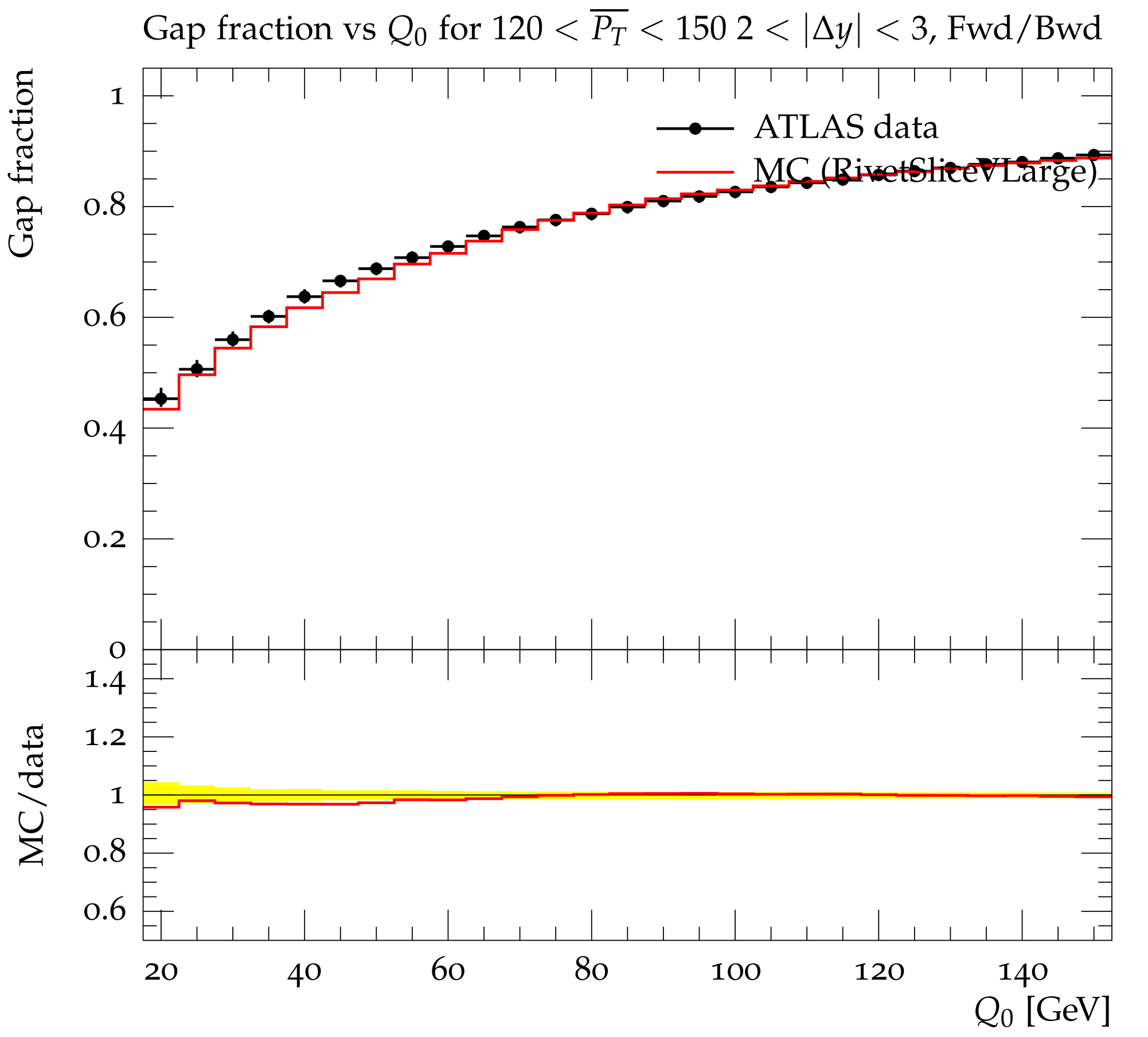

Gap fraction vs Q_0 for $70 < \overline{P_T} < 90$ $2 < |\Delta y| < 3$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
Q_0 [GeV]

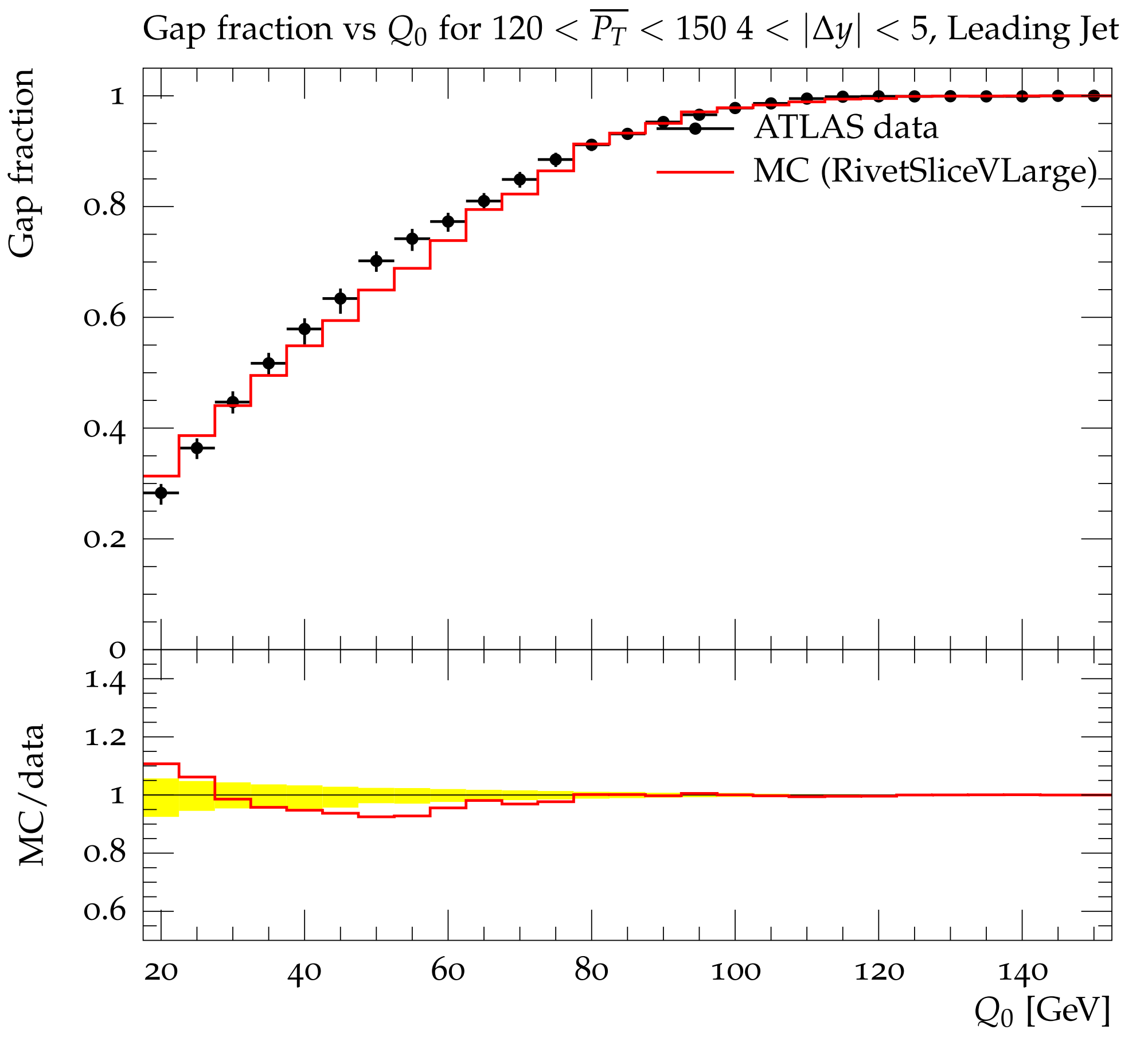

Gap fraction vs Q_0 for $70 < \overline{P_T} < 90$ $2 < |\Delta y| < 3$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
Q_0 [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
20
30
40
50
60
70
80
90

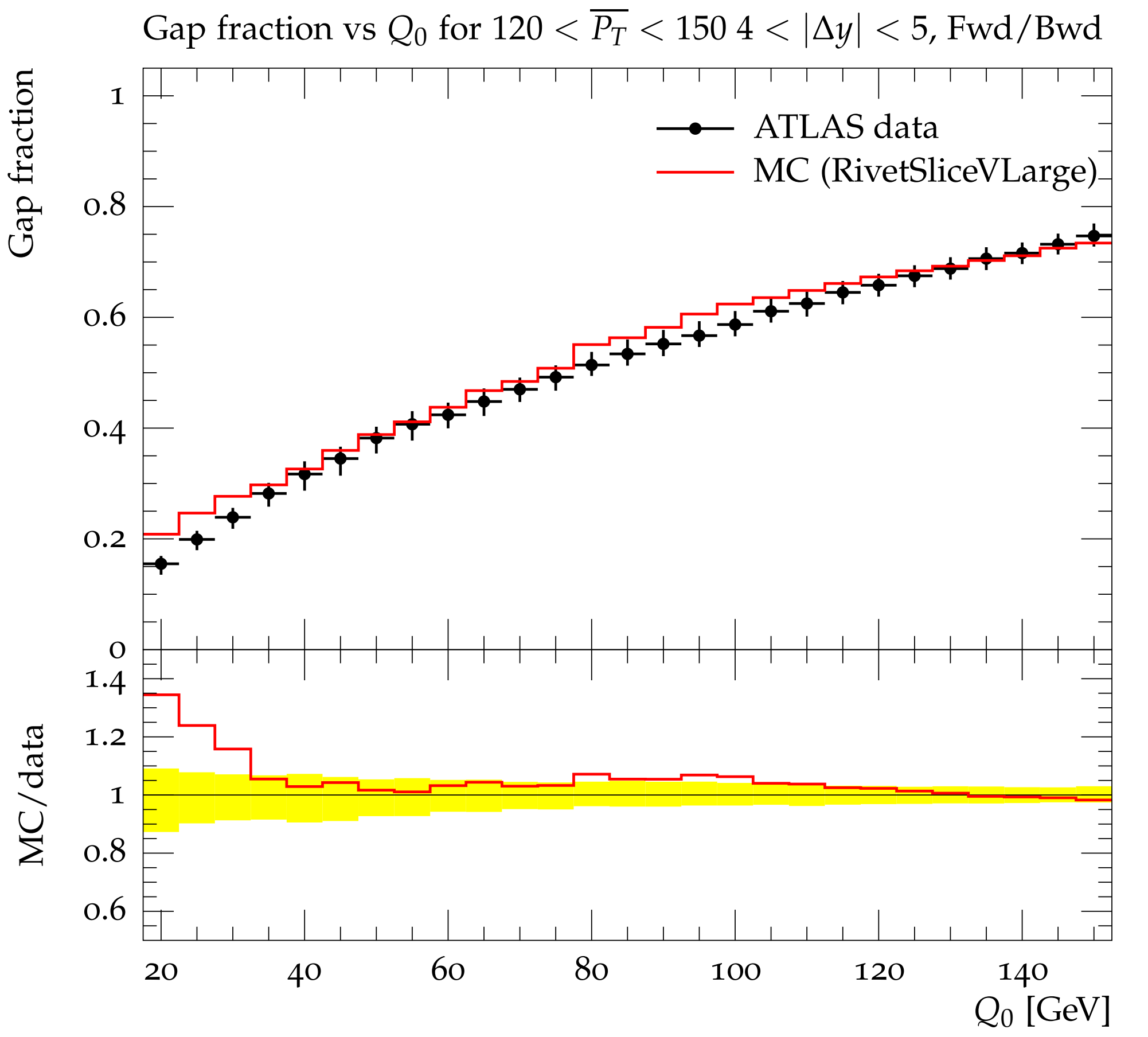

Gap fraction vs Q_0 for $70 < \overline{P_T} < 90$ $4 < |\Delta y| < 5$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
Q_0 [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
20
30
40
50
60
70
80
90

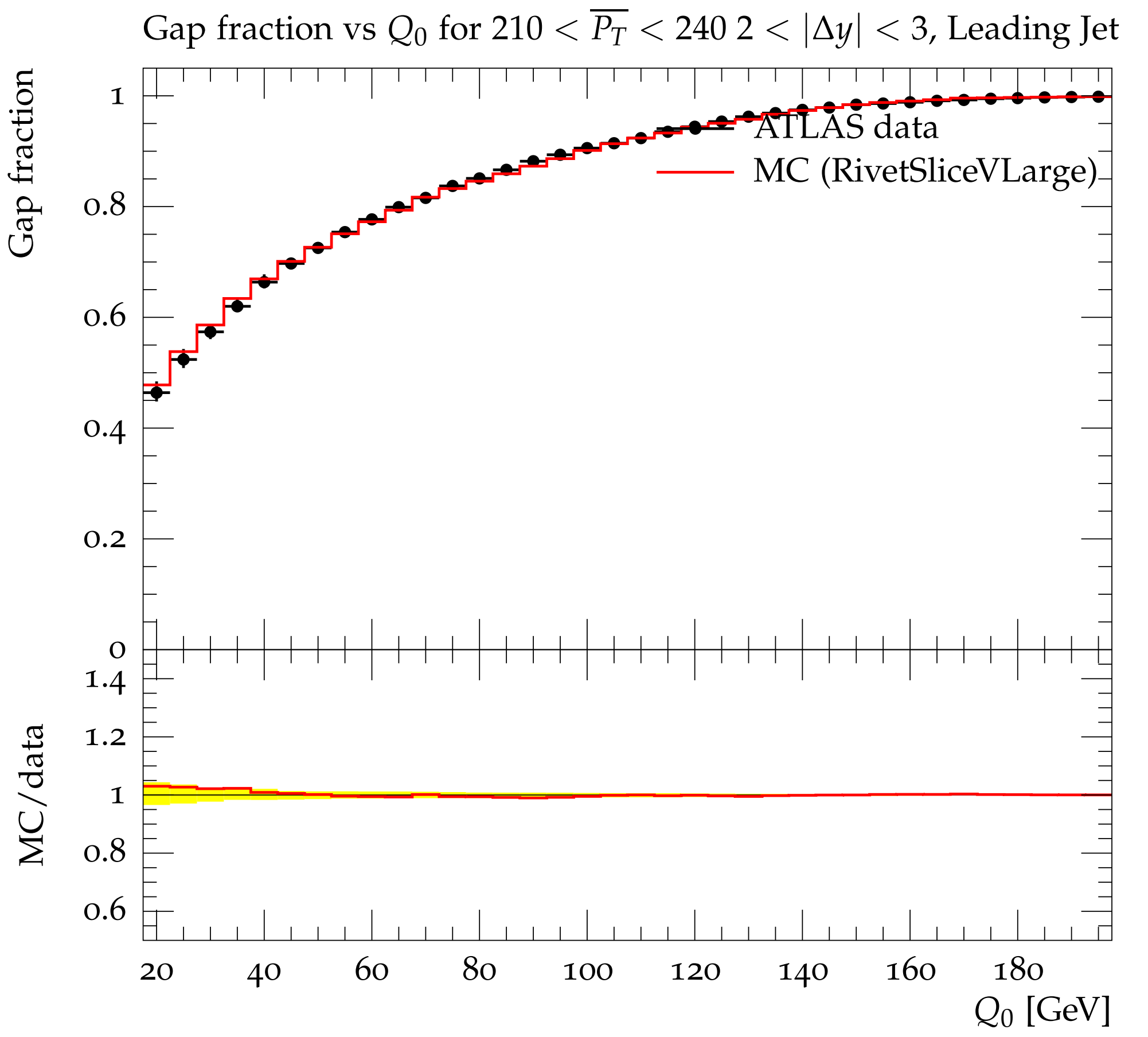

Gap fraction vs Q_0 for $70 < \overline{P_T} < 90$ $4 < |\Delta y| < 5$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
Q_0 [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
20
30
40
50
60
70
80
90

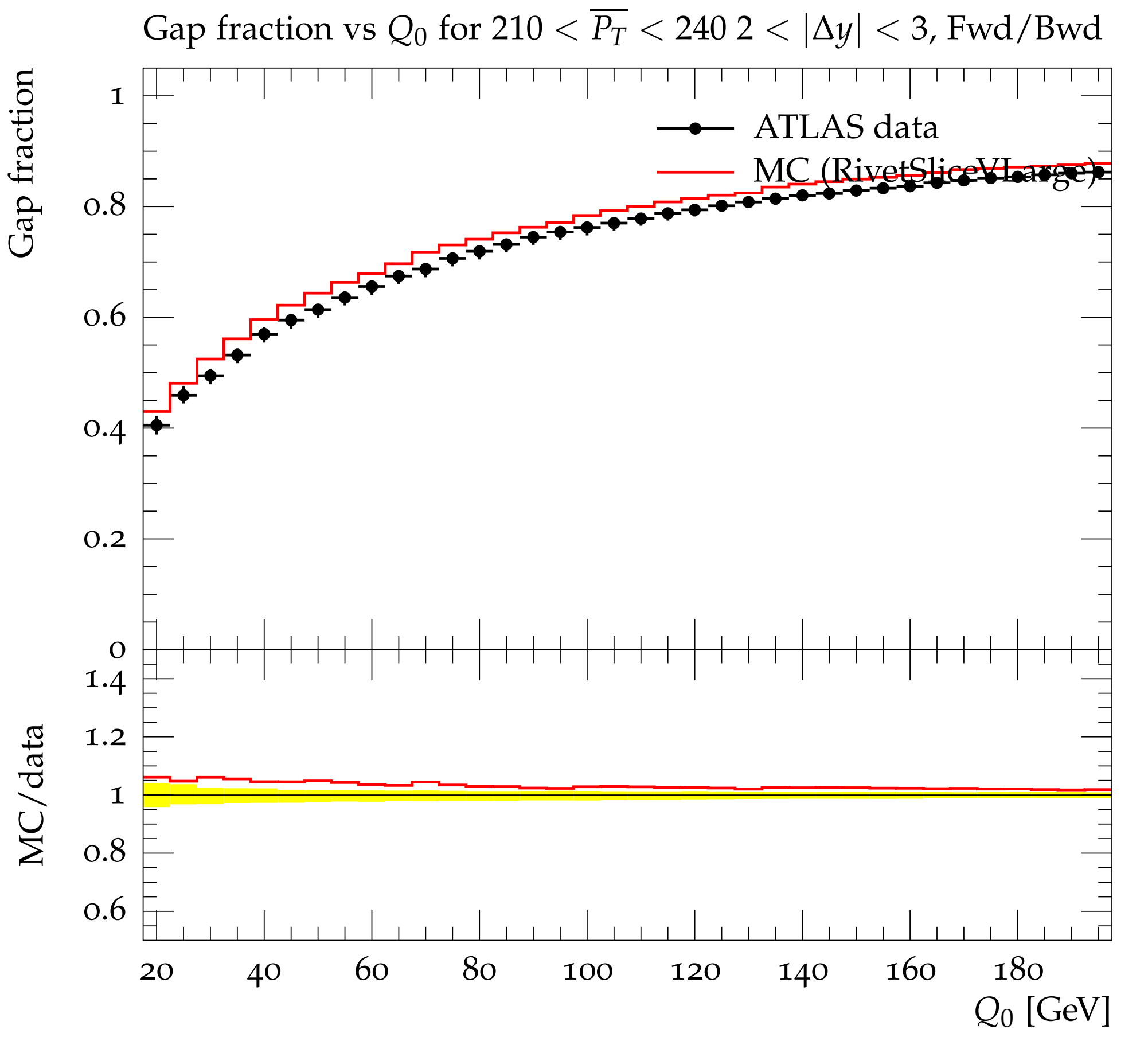

Gap fraction vs Q_0 for $120 < \overline{P_T} < 150$ $2 < |\Delta y| < 3$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
Q_0 [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
20
40
60
80
100
120
140

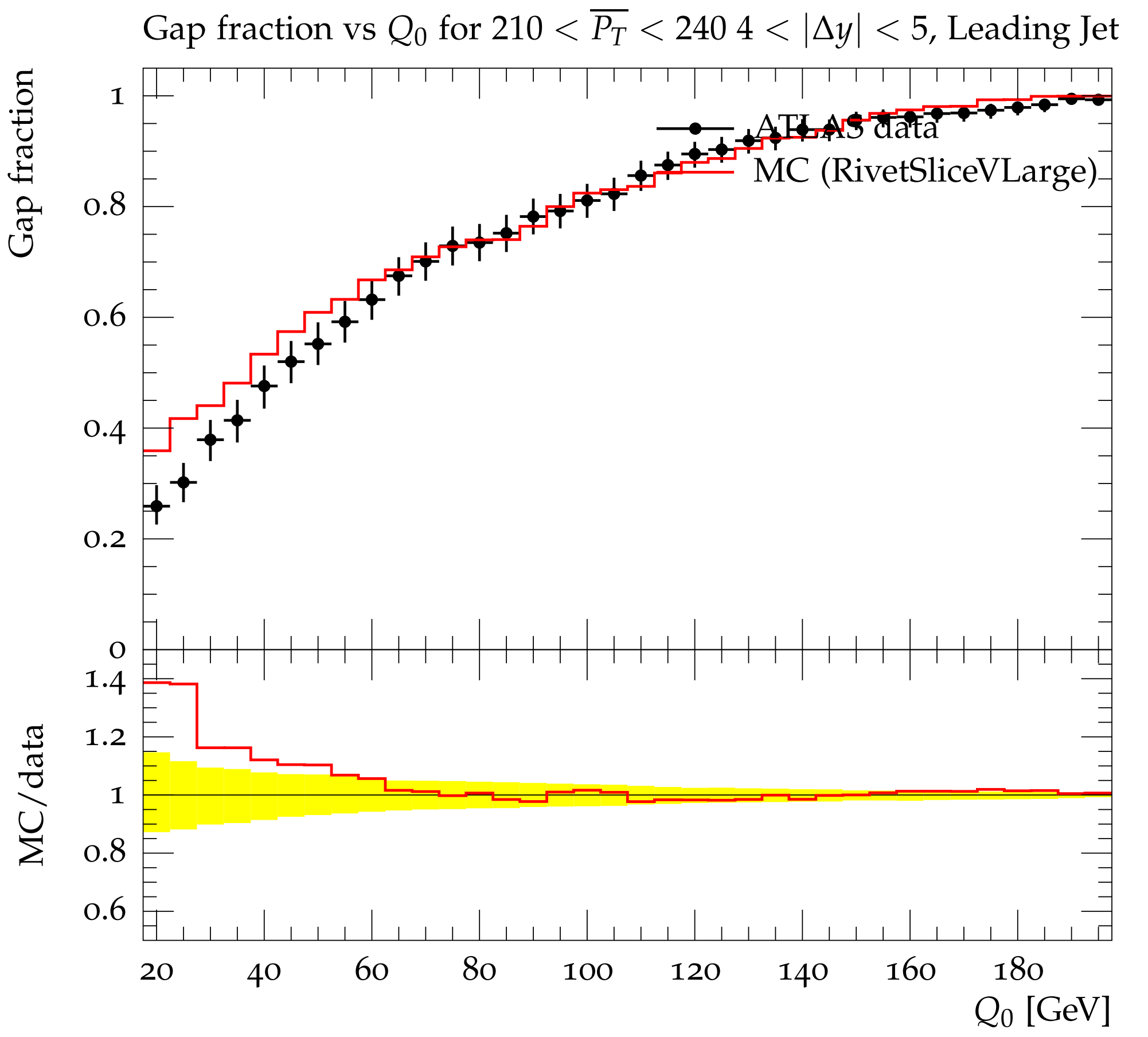

Gap fraction vs Q_0 for $120 < \overline{P_T} < 150$ $2 < |\Delta y| < 3$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSlice VLarge)
MC/data
Q_0 [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
20
40
60
80
100
120
140

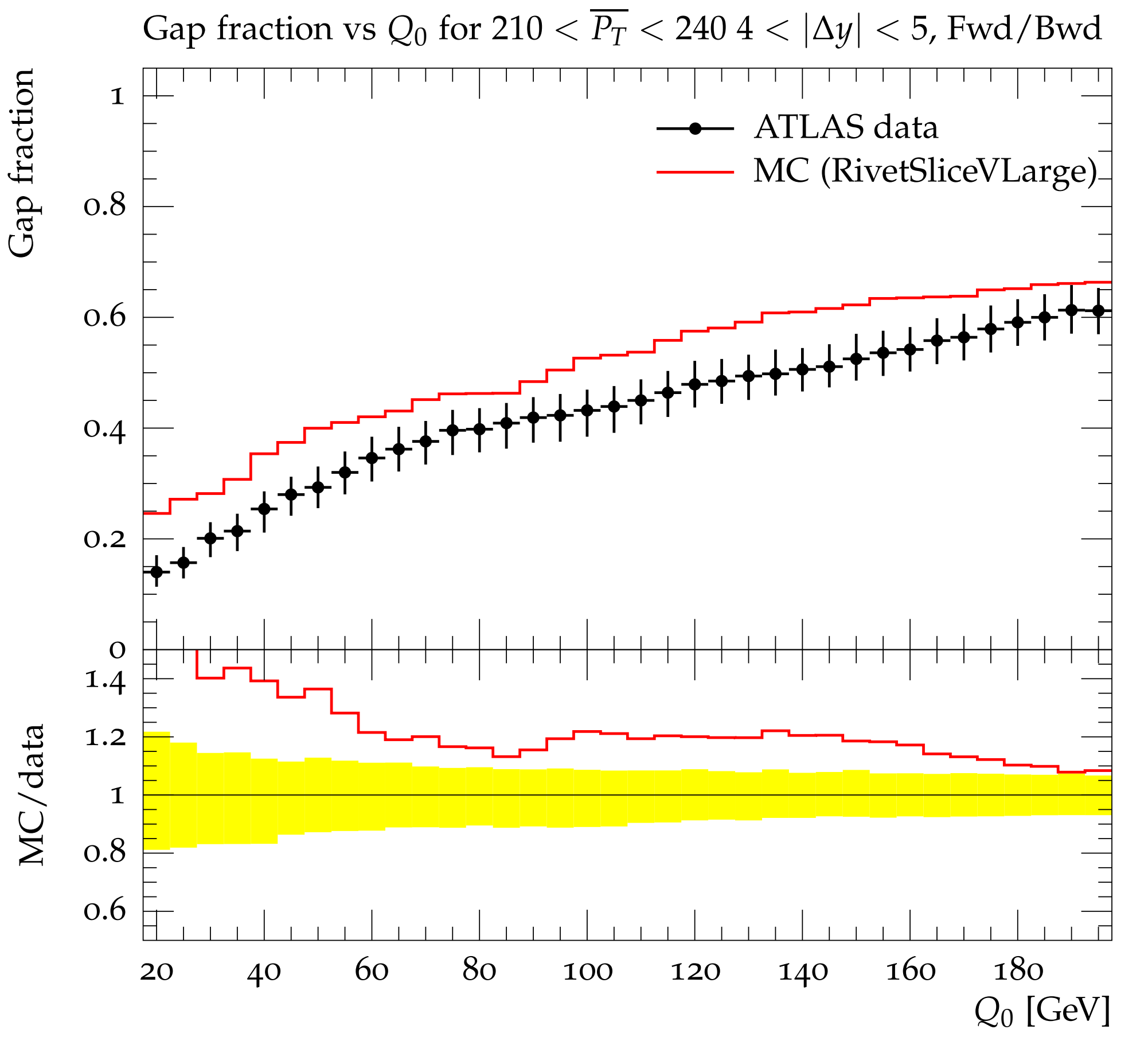

Gap fraction vs Q_0 for $120 < \overline{P_T} < 150$ $4 < |\Delta y| < 5$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
Q_0 [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
20
40
60
80
100
120
140

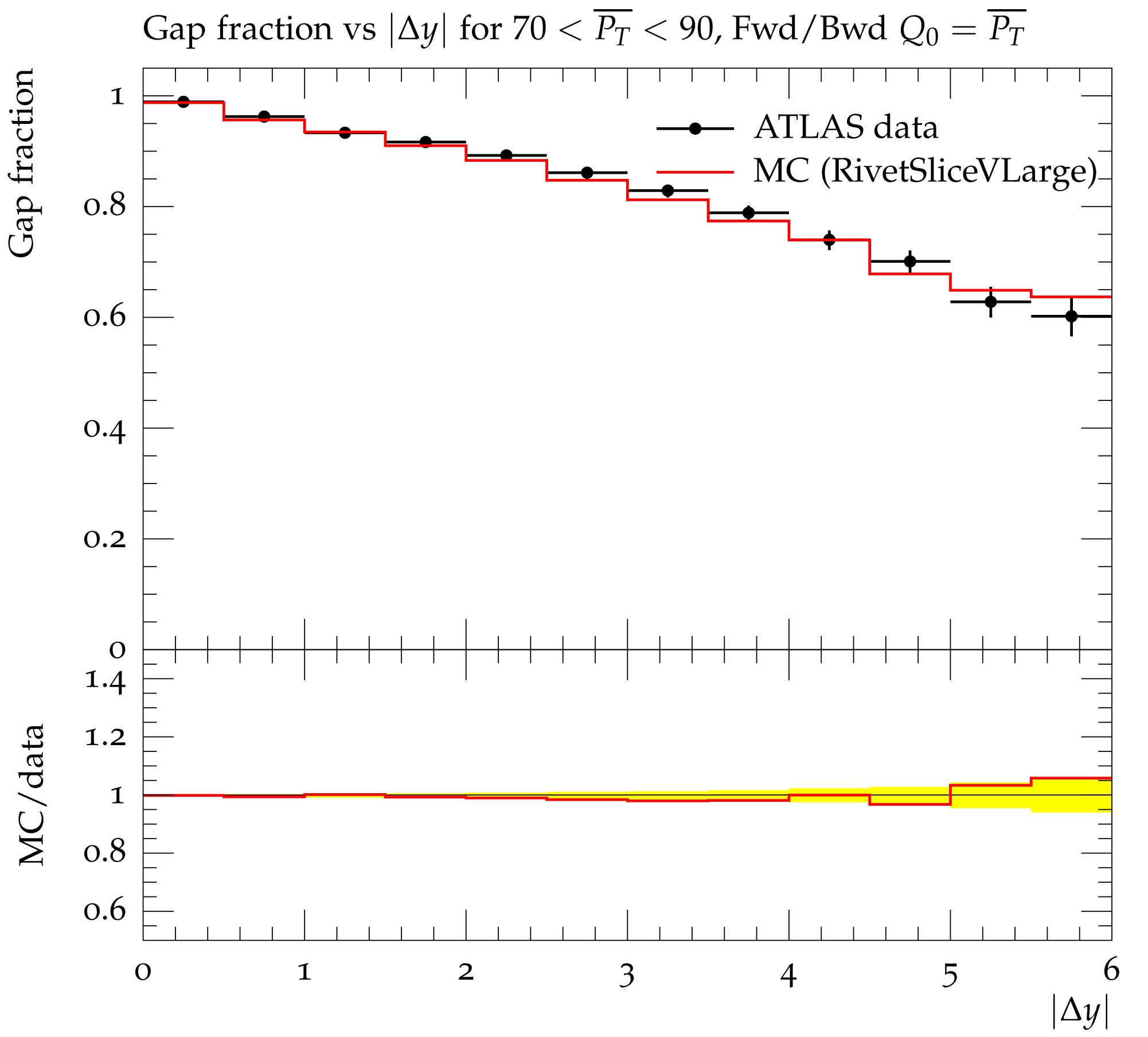

Gap fraction vs Q_0 for $120 < \overline{P_T} < 150$ $4 < |\Delta y| < 5$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
Q_0 [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
20
40
60
80
100
120
140

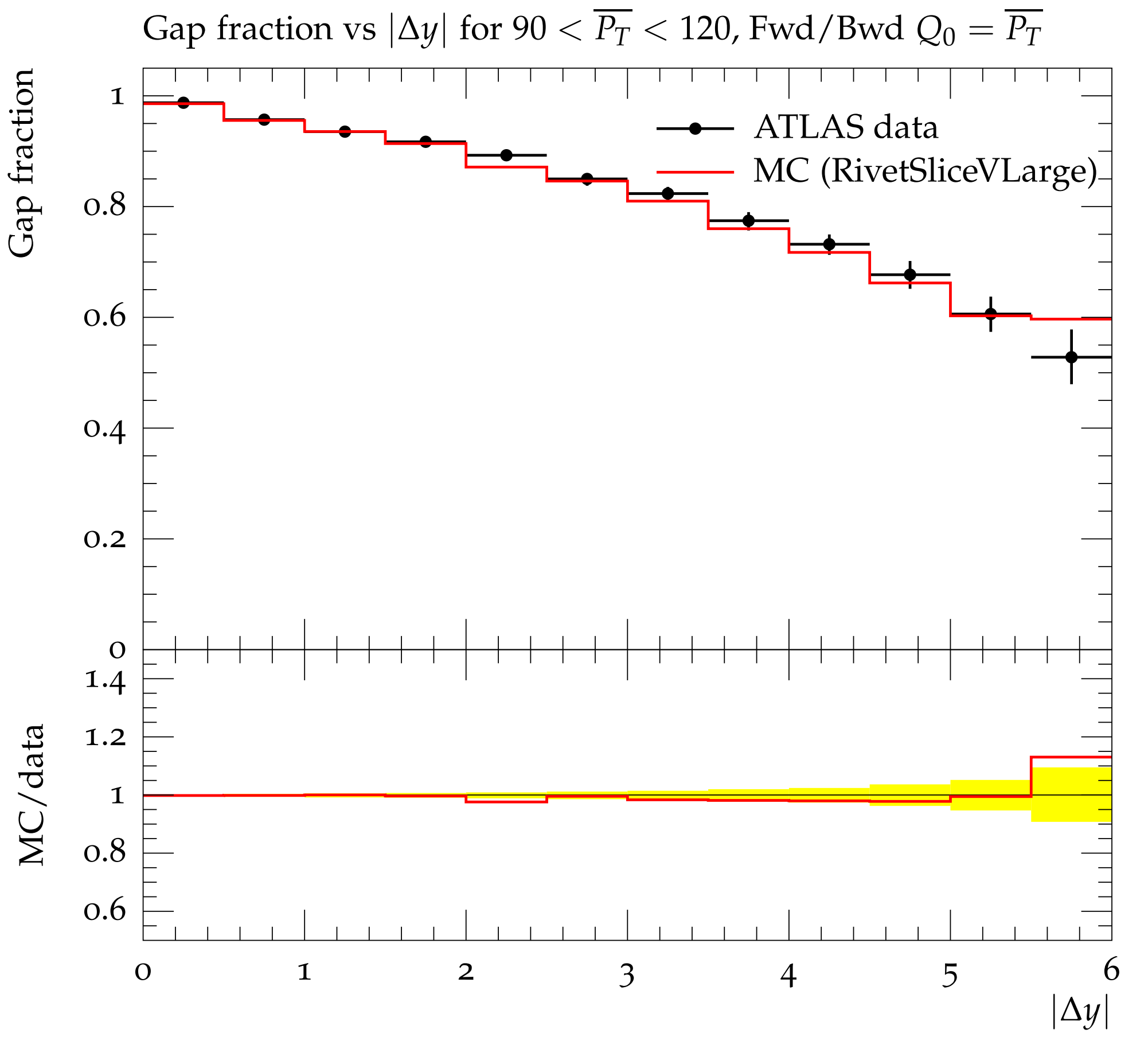

Gap fraction vs Q_0 for $210 < \overline{P_T} < 240$ $2 < |\Delta y| < 3$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
Q_0 [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
20
40
60
80
100
120
140
160
180

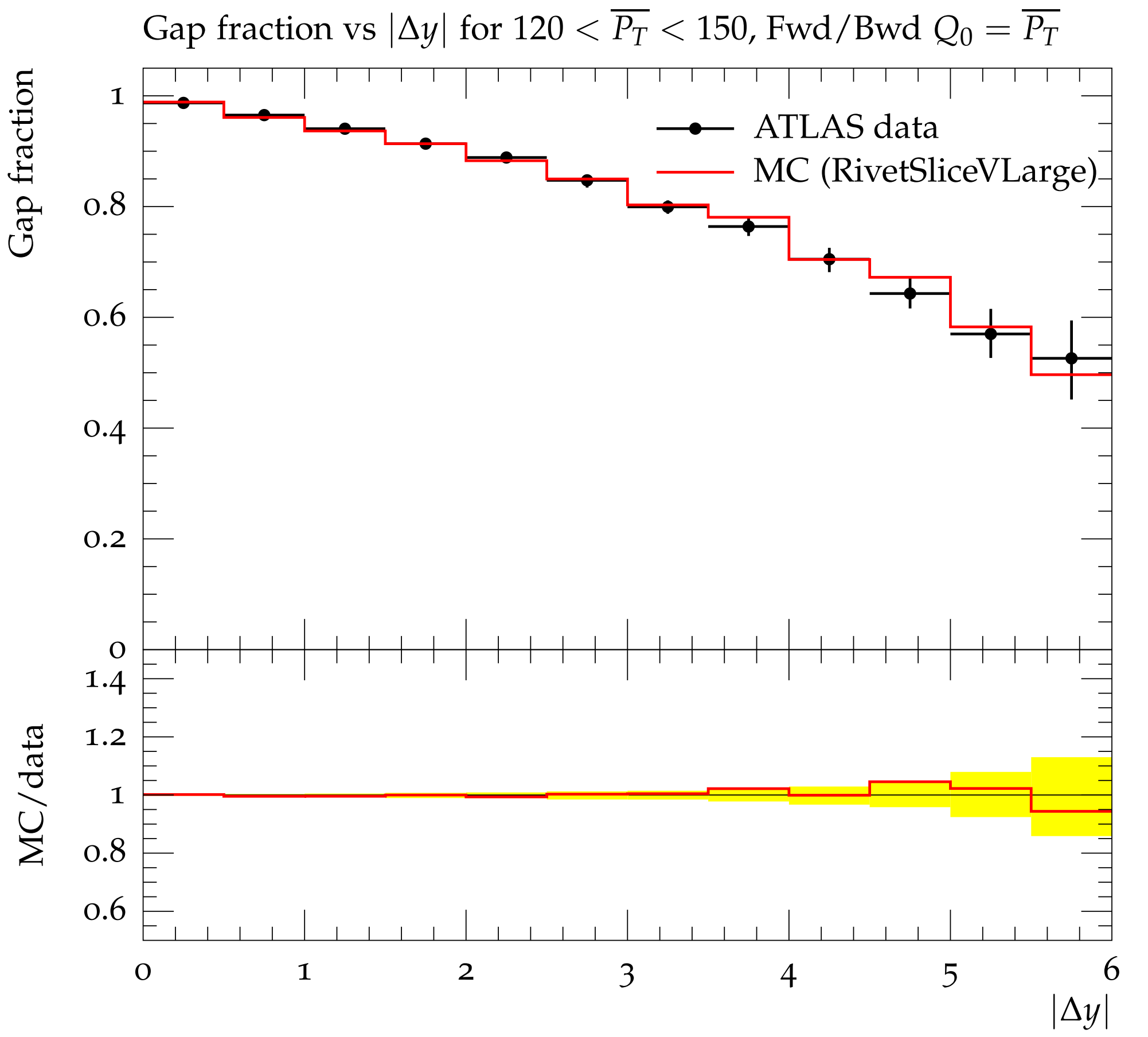

Gap fraction vs Q_0 for $210 < \overline{P_T} < 240$ $2 < |\Delta y| < 3$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
Q_0 [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
20
40
60
80
100
120
140
160
180

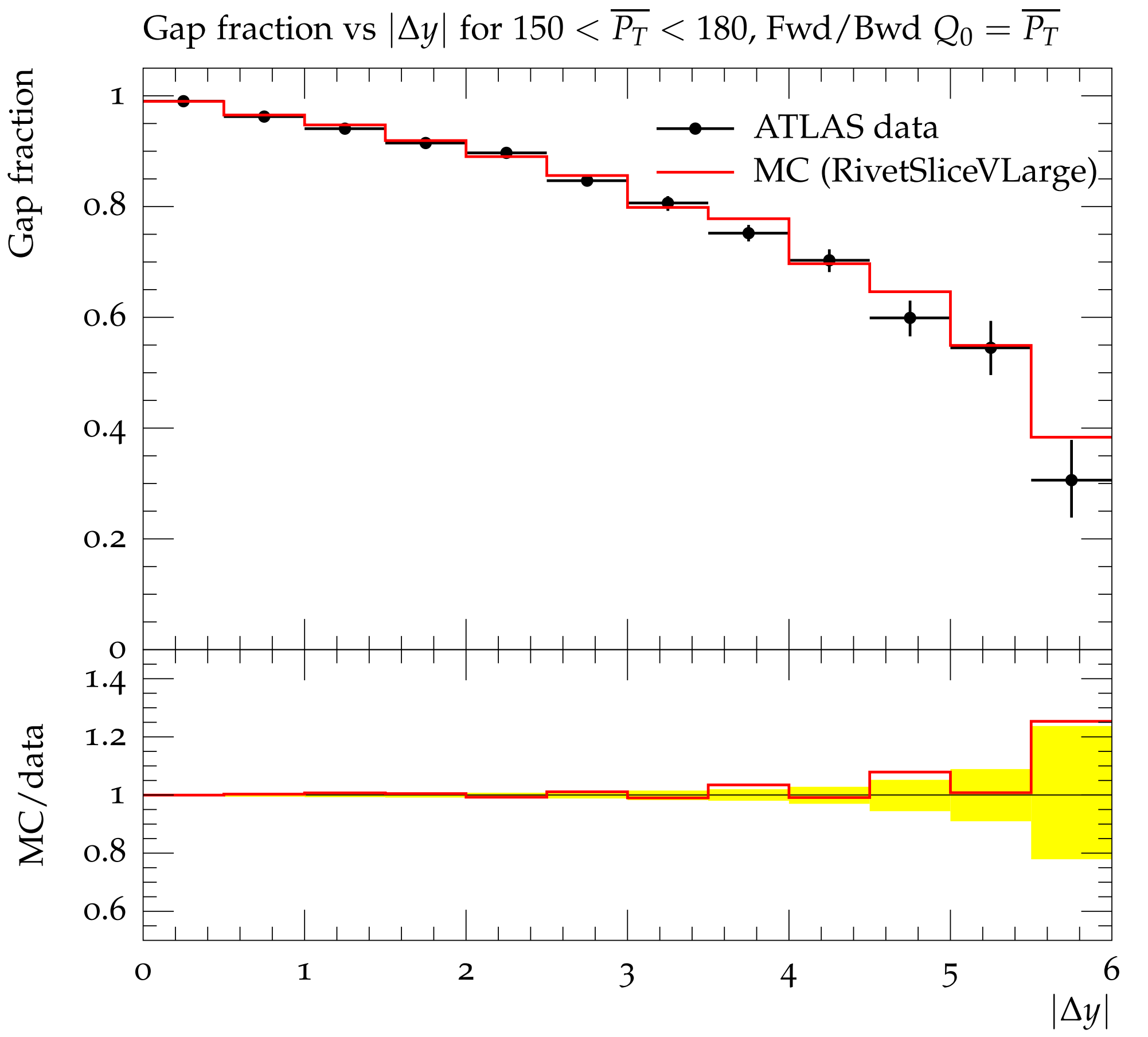

Gap fraction vs Q_0 for $210 < \overline{P_T} < 240$ $4 < |\Delta y| < 5$, Leading Jet
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
Q_0 [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
20
40
60
80
100
120
140
160
180

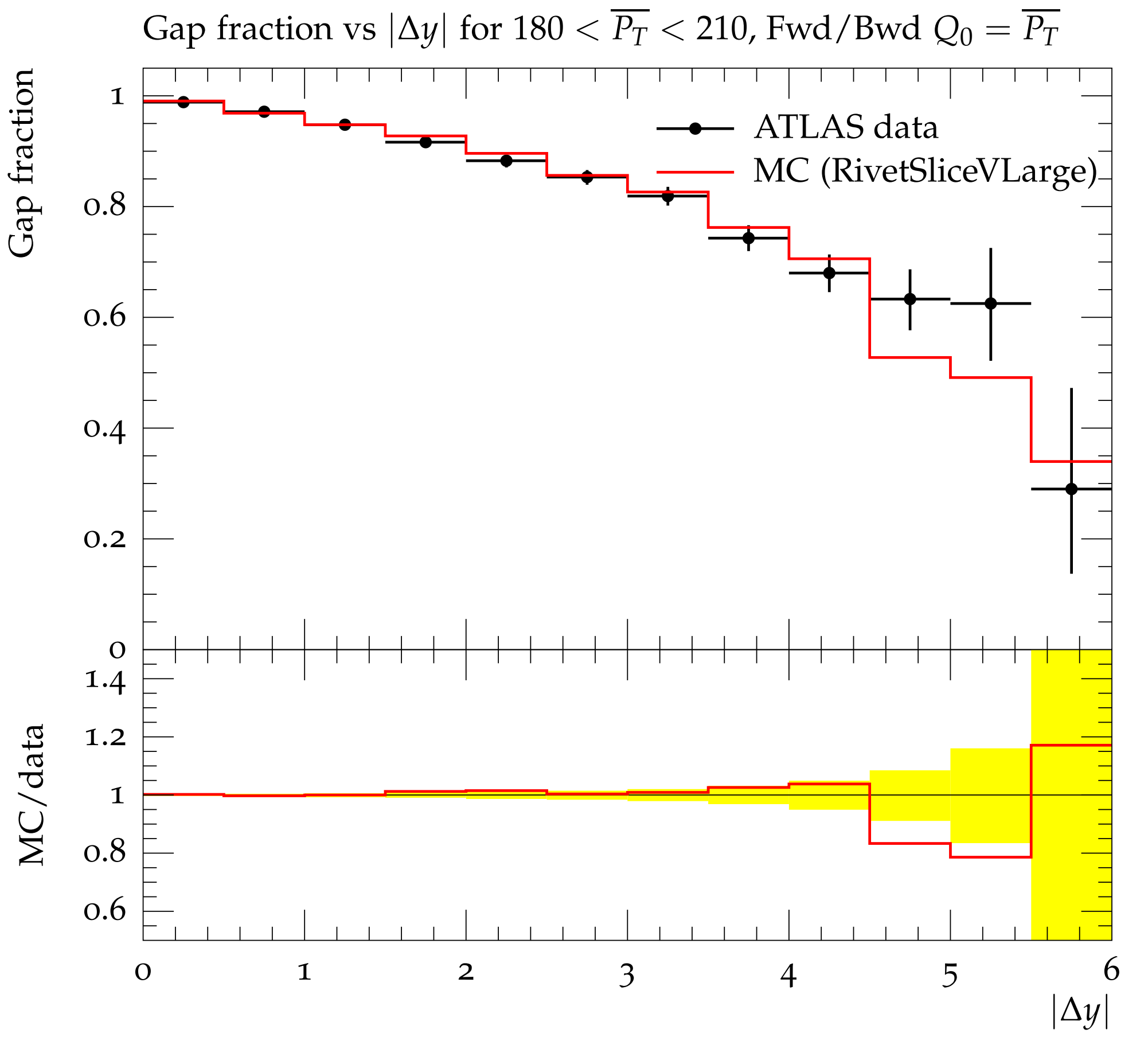

Gap fraction vs Q_0 for $210 < \overline{P_T} < 240$ $4 < |\Delta y| < 5$, Fwd/Bwd
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
Q_0 [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
20
40
60
80
100
120
140
160
180

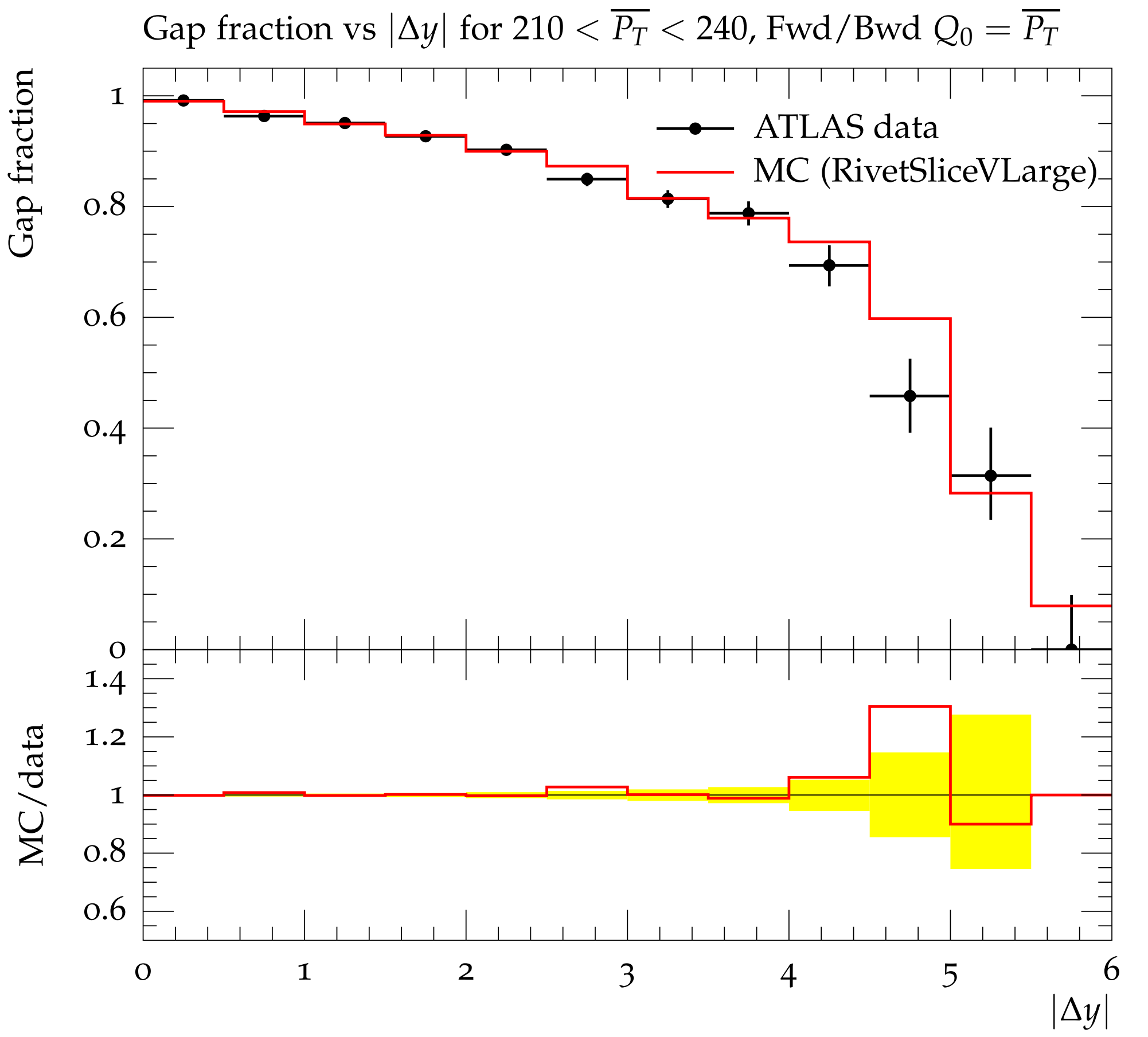

Gap fraction vs $|\Delta y|$ for $70 < \overline{P_T} < 90$, Fwd/Bwd $Q_0 = \overline{P_T}$
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

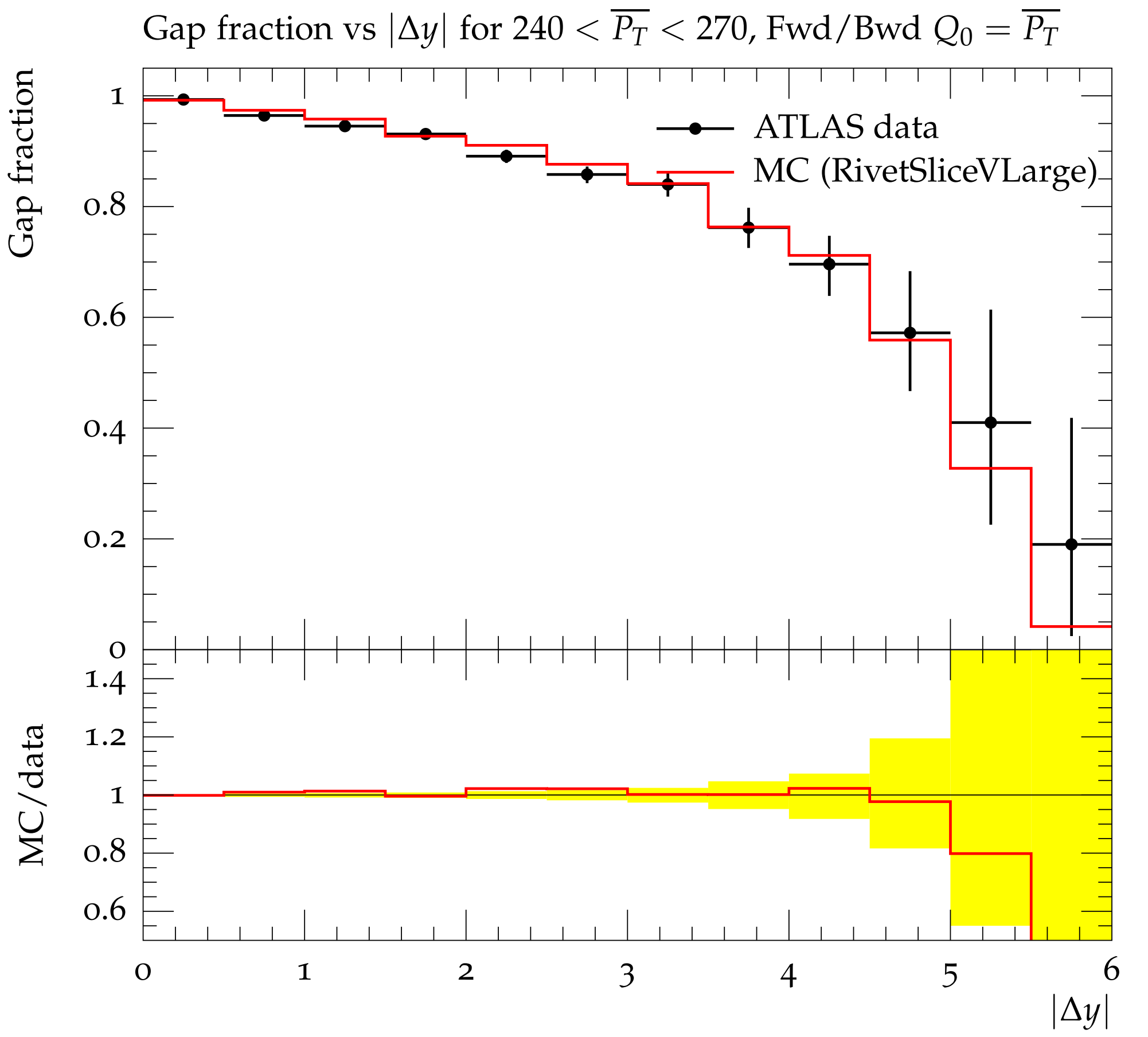

Gap fraction vs $|\Delta y|$ for $90 < \overline{P_T} < 120$, Fwd/Bwd $Q_0 = \overline{P_T}$
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

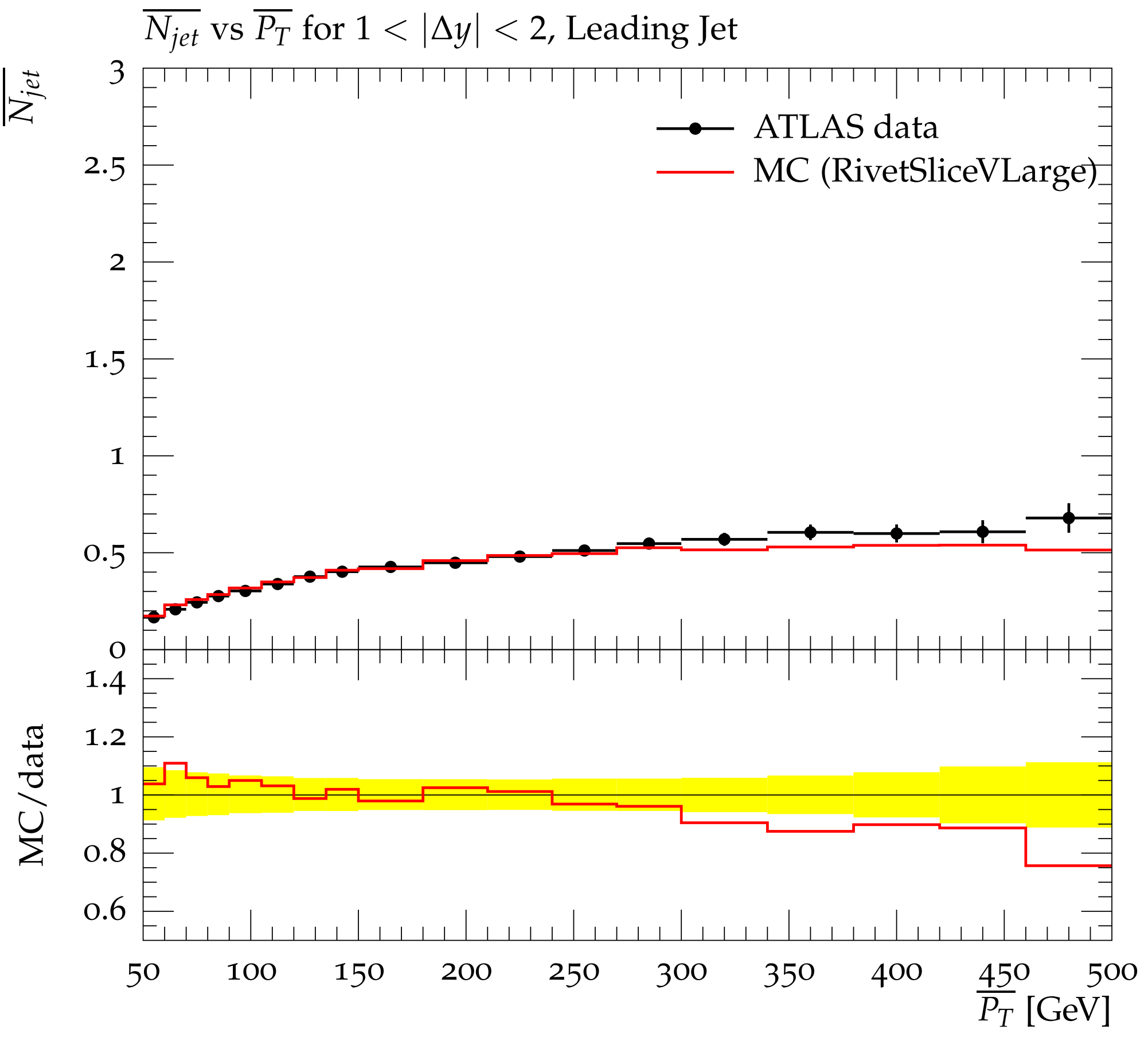

Gap fraction vs $|\Delta y|$ for $120 < \overline{P_T} < 150$, Fwd/Bwd $Q_0 = \overline{P_T}$
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$

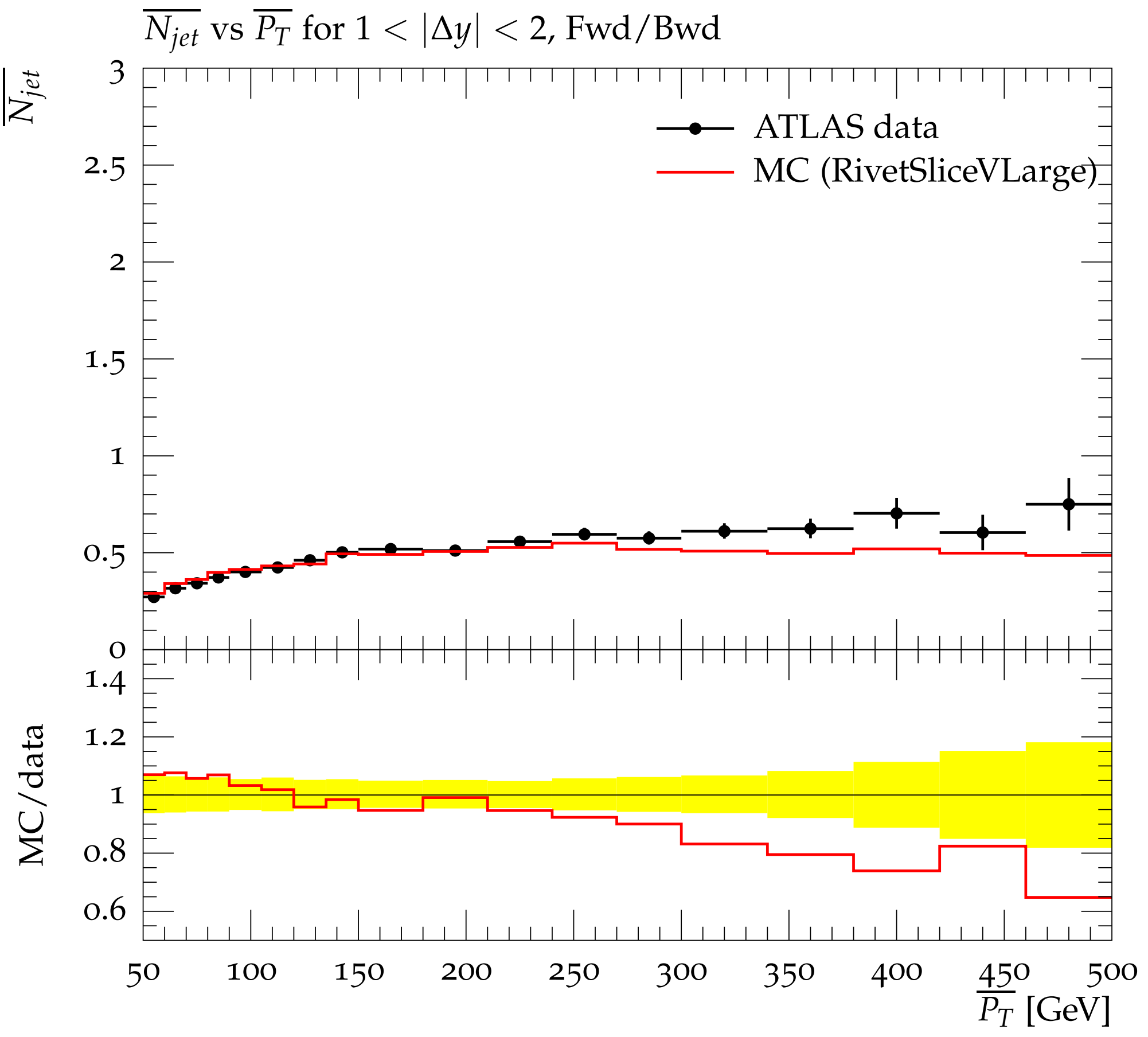

Gap fraction vs $|\Delta y|$ for $150 < \overline{P_T} < 180$, Fwd/Bwd $Q_0 = \overline{P_T}$
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

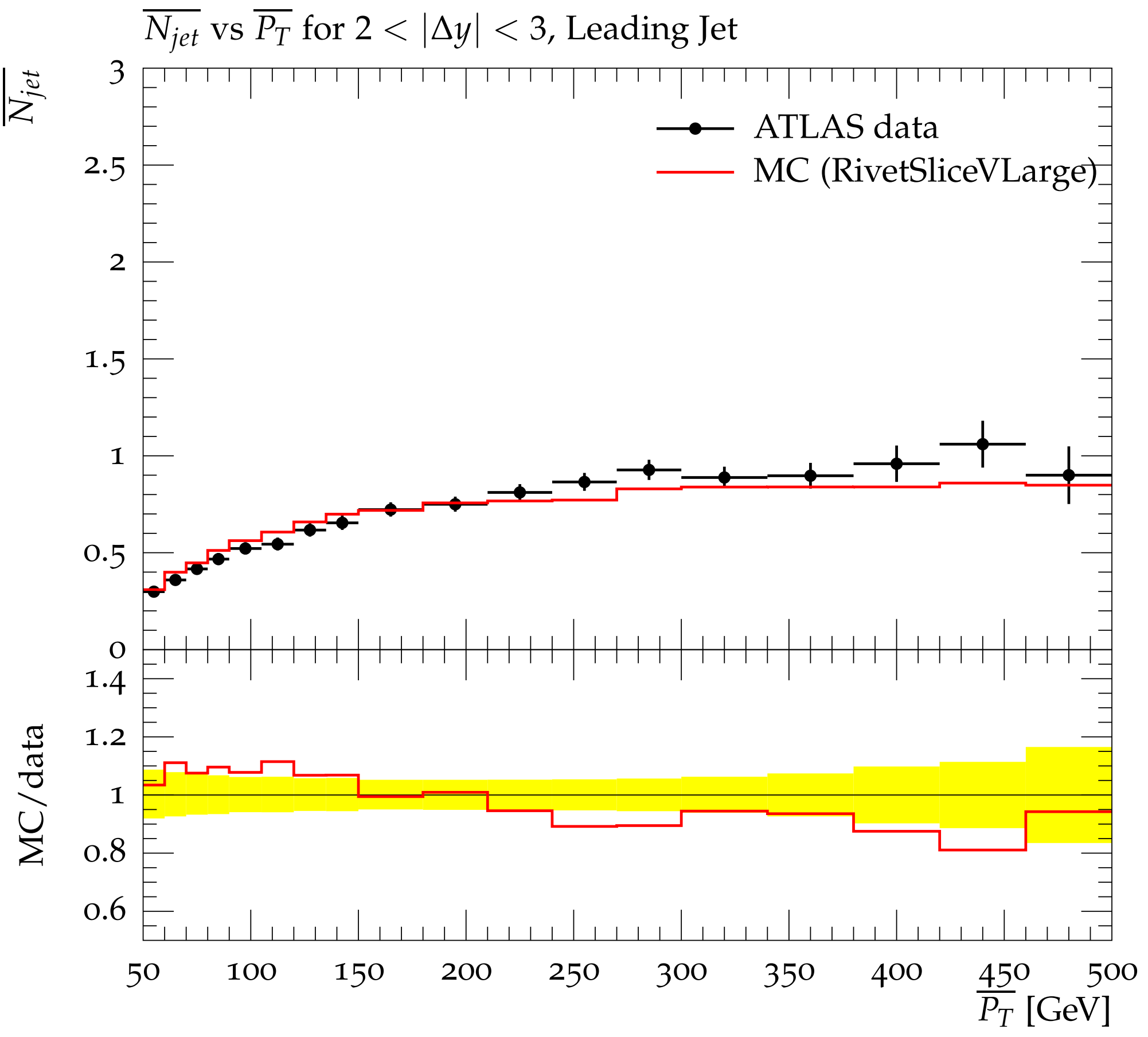

Gap fraction vs $|\Delta y|$ for $180 < \overline{P_T} < 210$, Fwd/Bwd $Q_0 = \overline{P_T}$
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

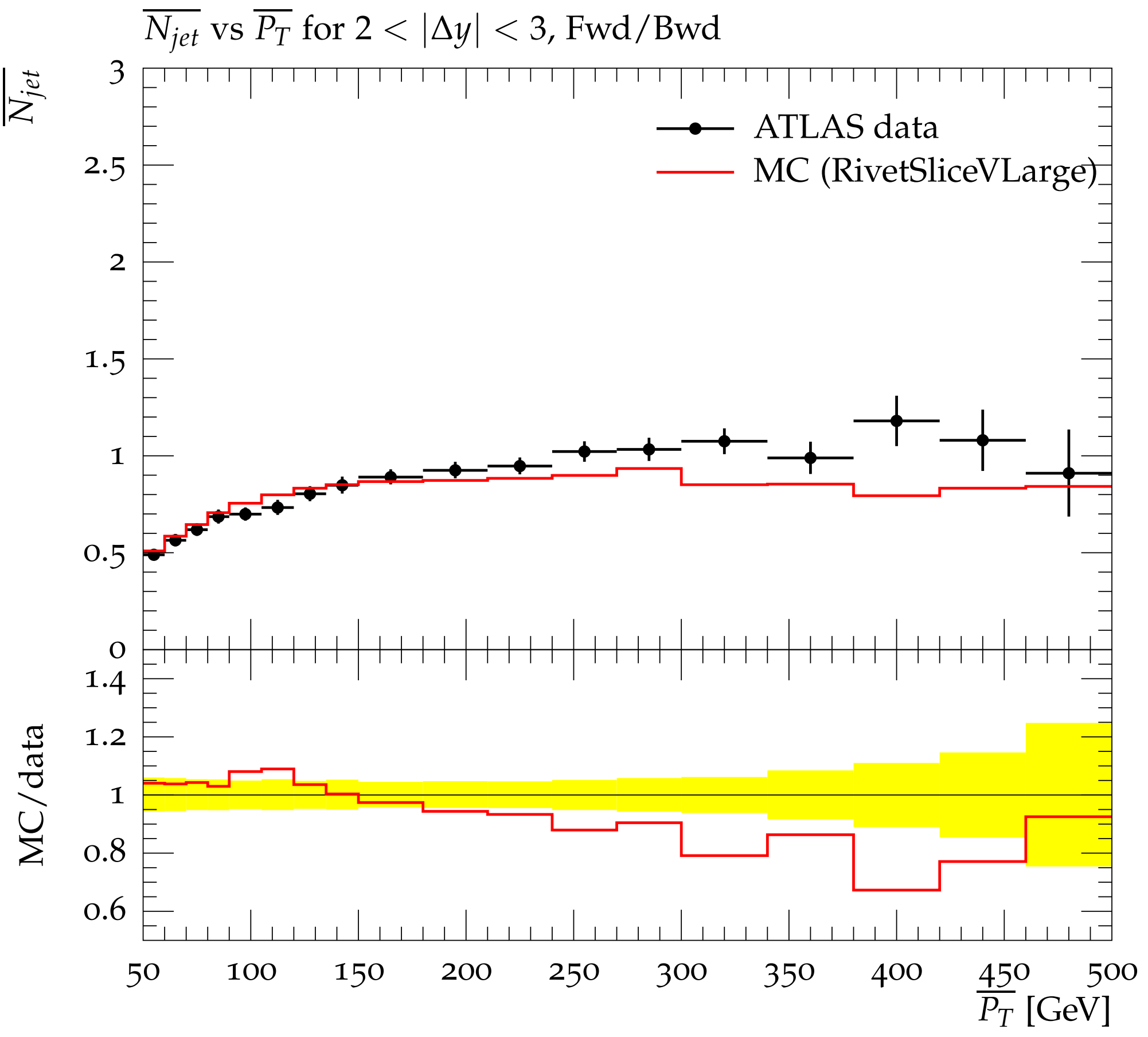

Gap fraction vs $|\Delta y|$ for $210 < \overline{P_T} < 240$, Fwd/Bwd $Q_0 = \overline{P_T}$
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

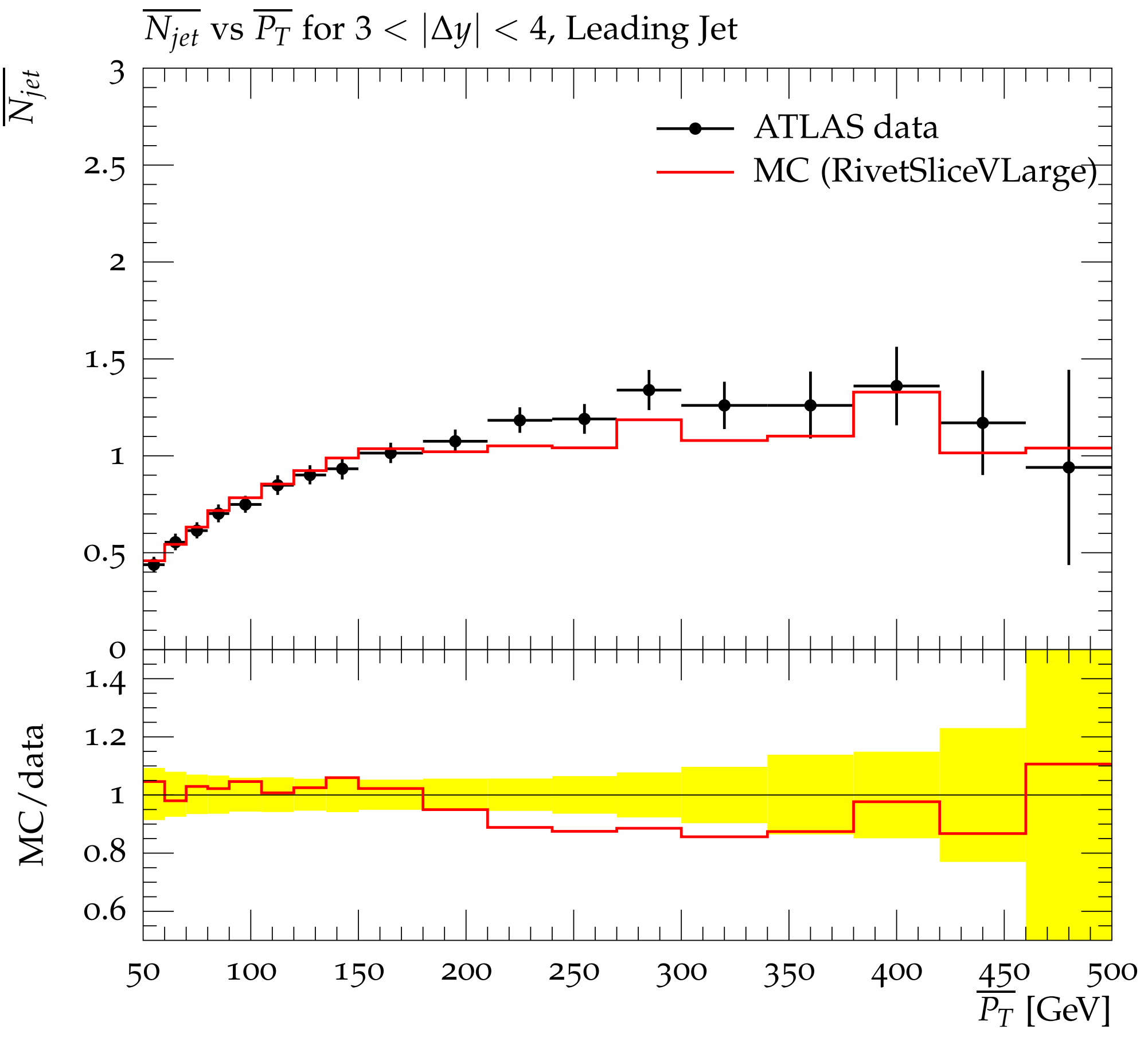

Gap fraction vs $|\Delta y|$ for $240 < \overline{P_T} < 270$, Fwd/Bwd $Q_0 = \overline{P_T}$
Gap fraction
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

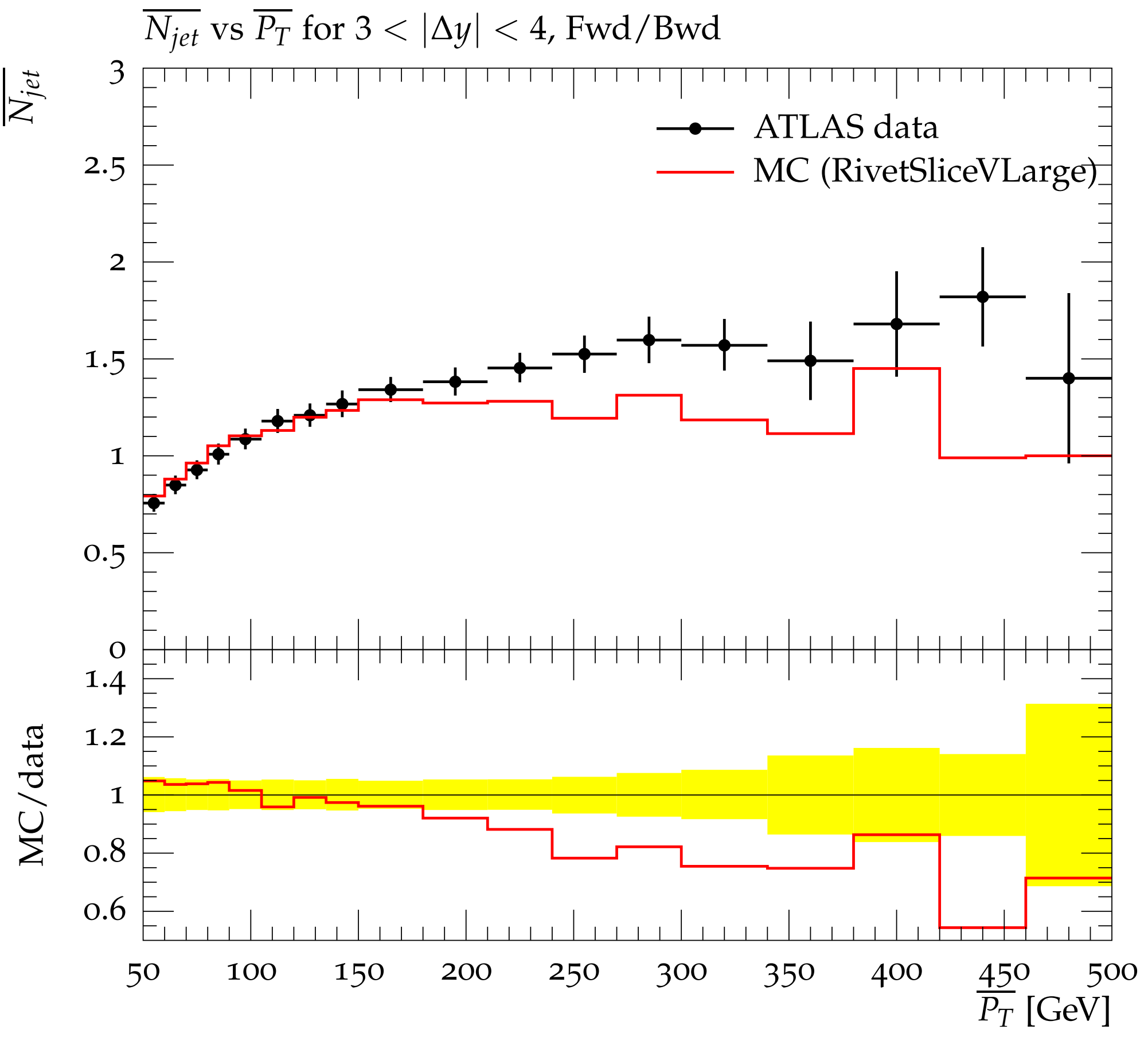

$\overline{N_{jet}}$ vs $\overline{P_T}$ for $1 < |\Delta y| < 2$, Leading Jet
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
50
100
150
200
250
300
350
400
450
500

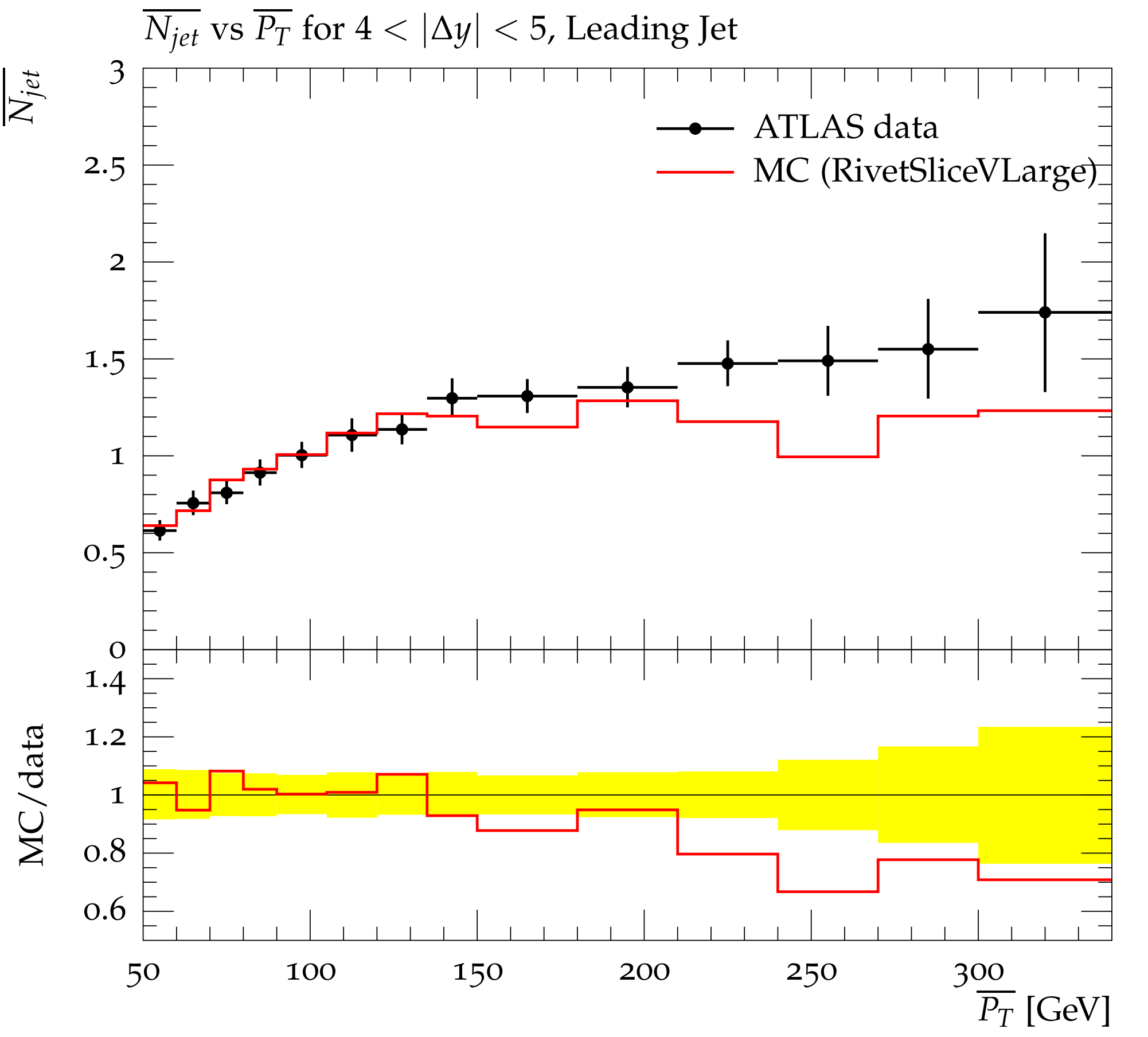

$\overline{N_{jet}}$ vs $\overline{P_T}$ for $1 < |\Delta y| < 2$, Fwd/Bwd
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
50
100
150
200
250
300
350
400
450
500

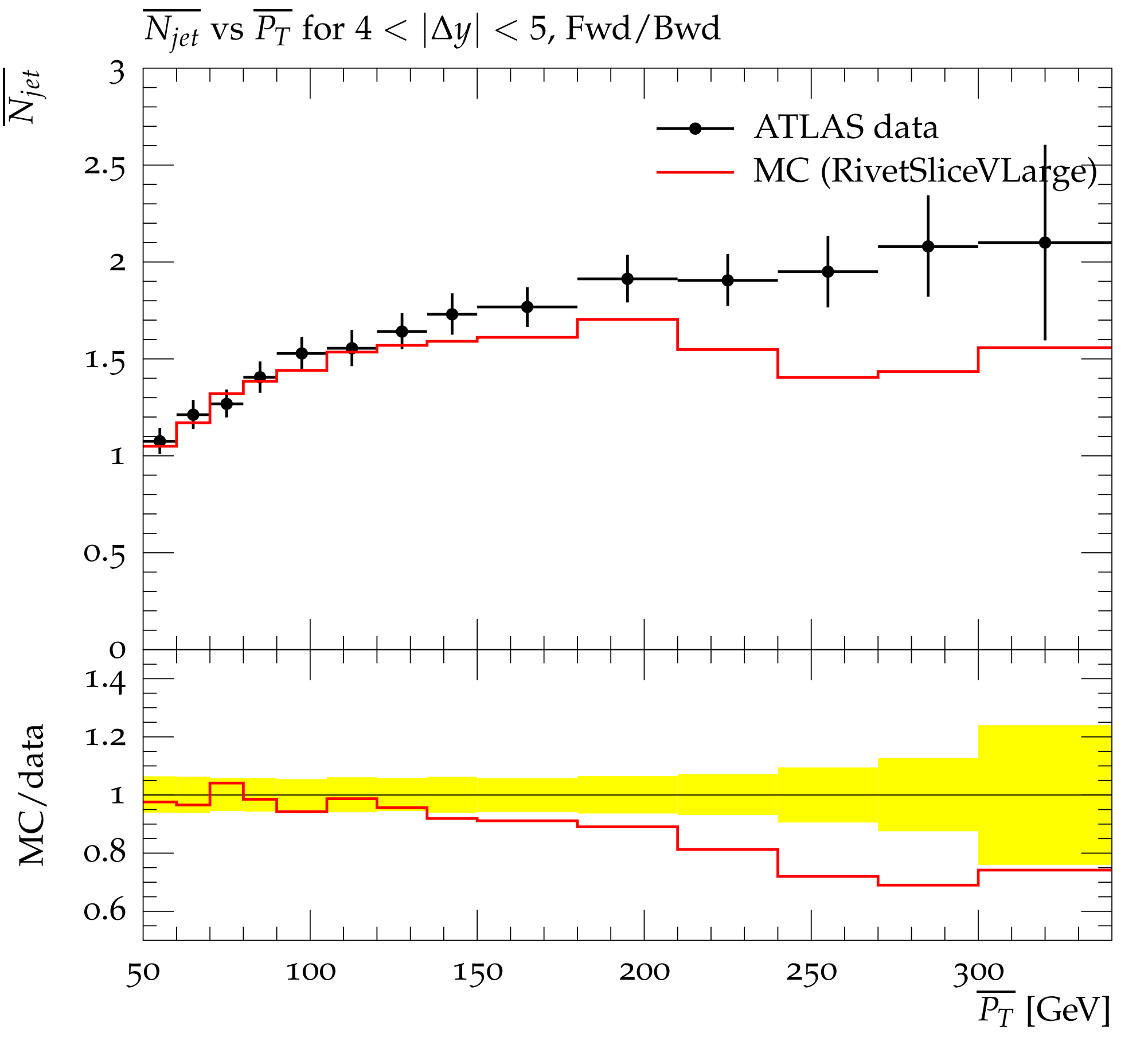

$\overline{N_{jet}}$ vs $\overline{P_T}$ for $2 < |\Delta y| < 3$, Leading Jet
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
50
100
150
200
250
300
350
400
450
500

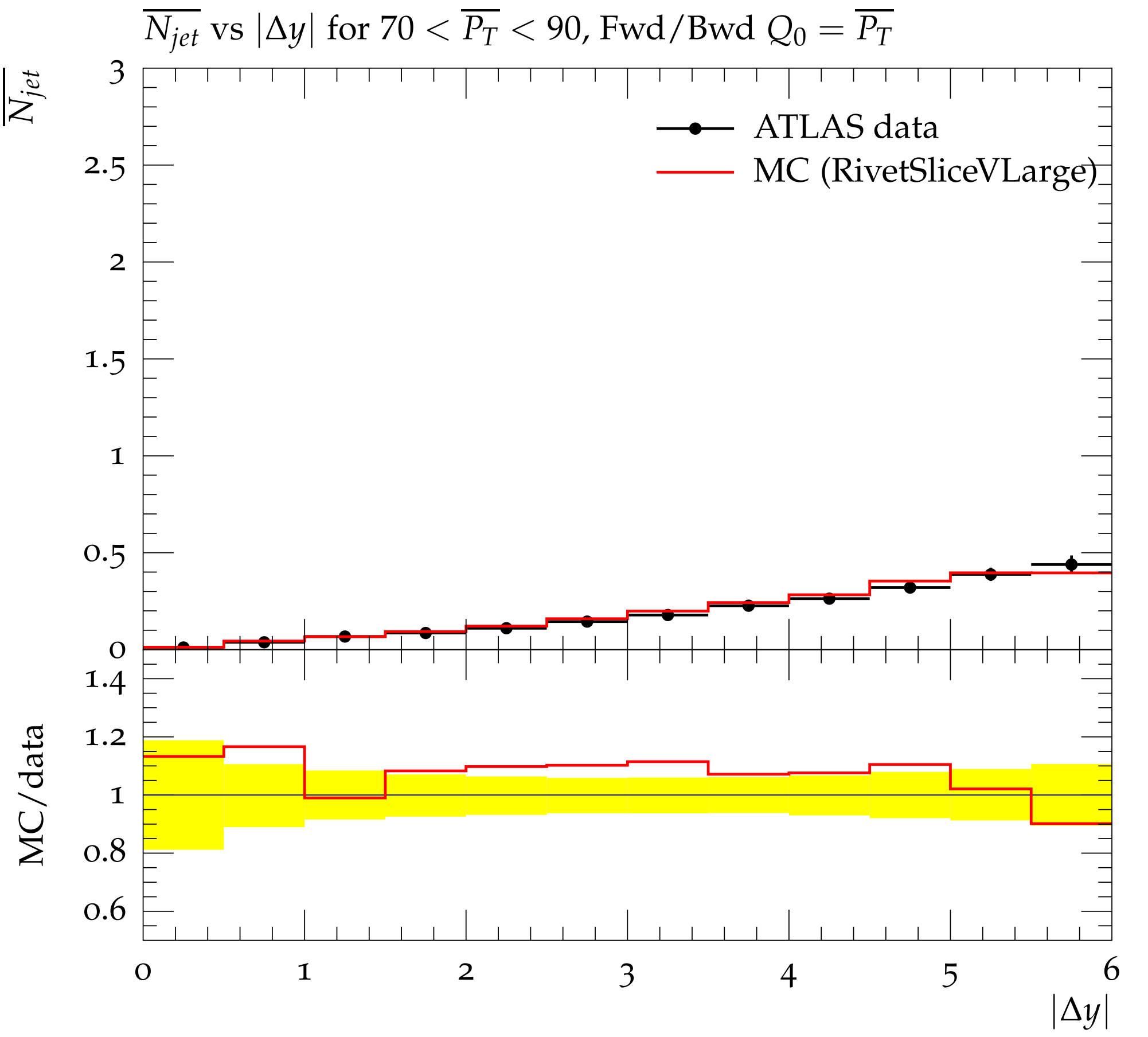

$\overline{N_{jet}}$ vs $\overline{P_T}$ for $2 < |\Delta y| < 3$, Fwd/Bwd
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
50
100
150
200
250
300
350
400
450
500

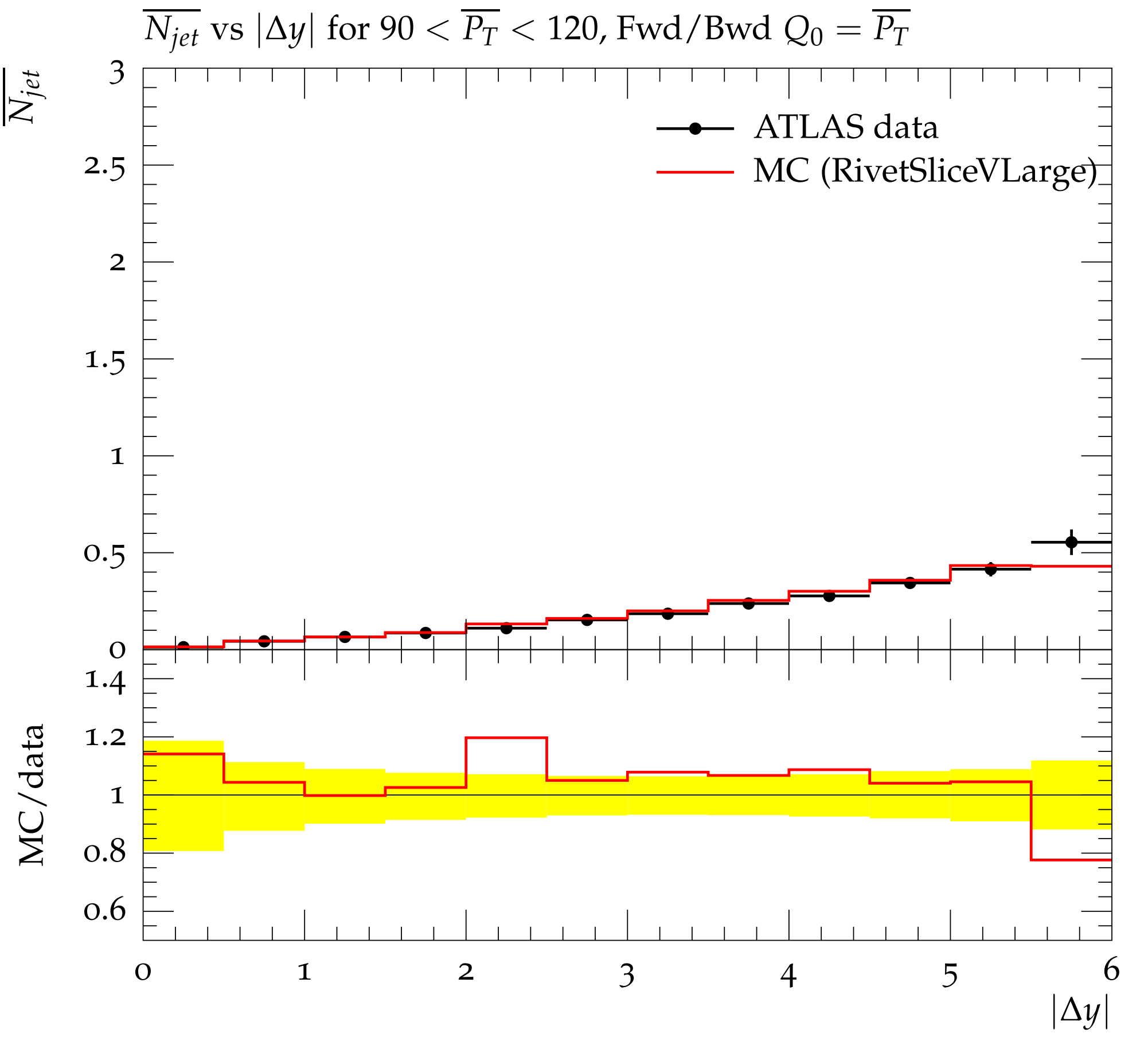

$\overline{N_{jet}}$ vs $\overline{P_T}$ for $3 < |\Delta y| < 4$, Leading Jet
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]

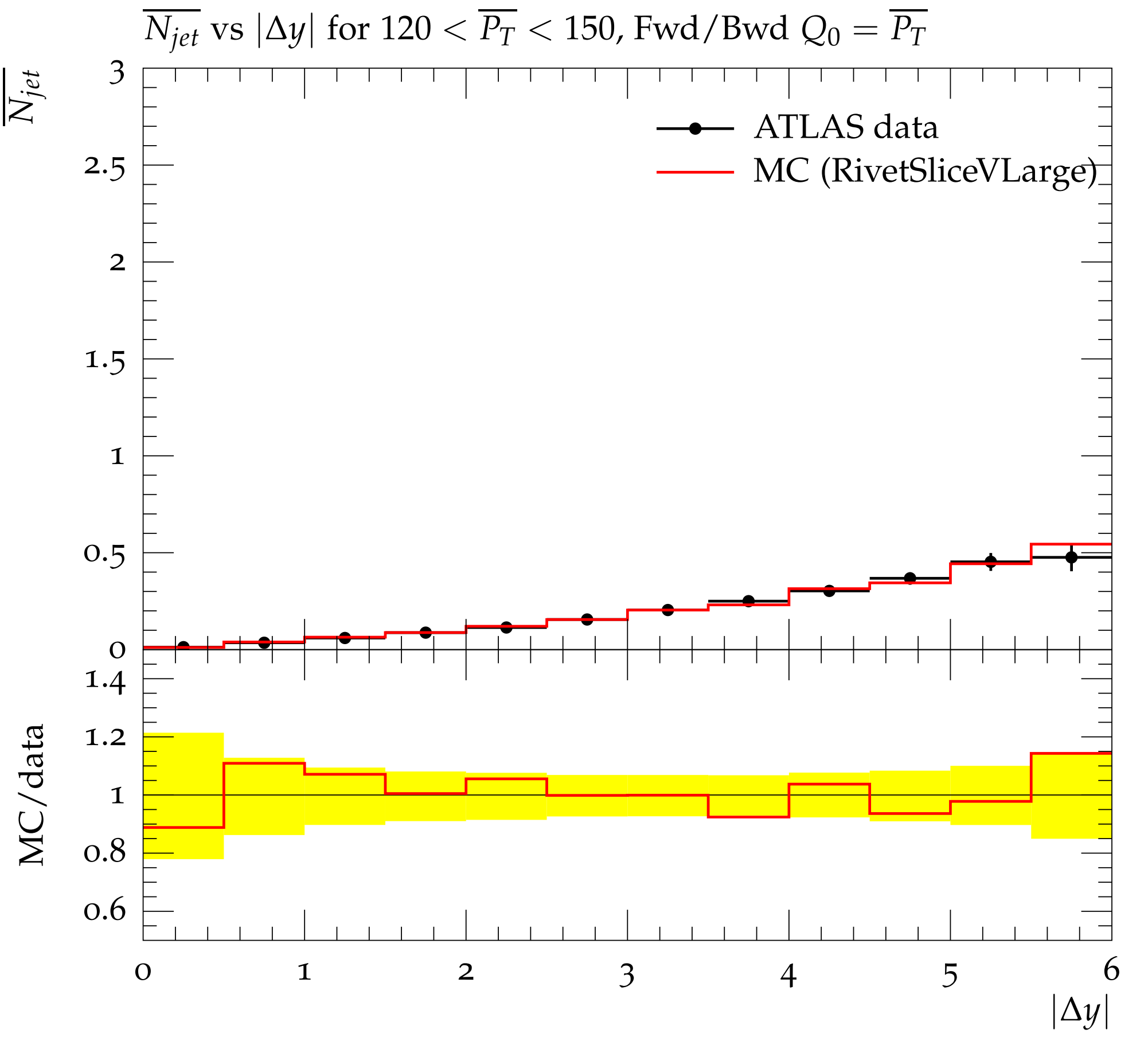

$\overline{N_{jet}}$ vs $\overline{P_T}$ for $3 < |\Delta y| < 4$, Fwd/Bwd
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]

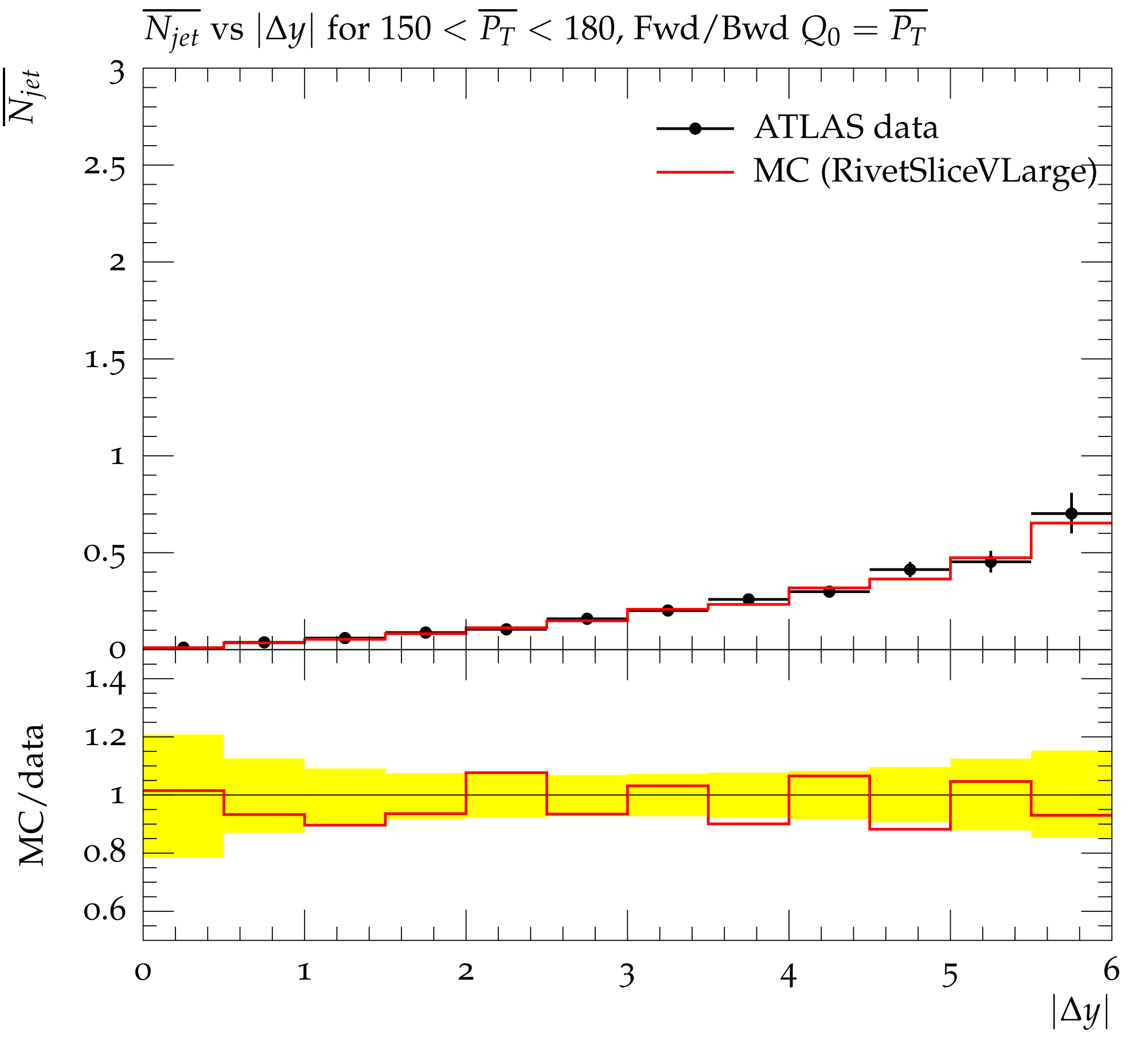

$\overline{N_{jet}}$ vs $\overline{P_T}$ for $4 < |\Delta y| < 5$, Leading Jet
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
50
100
150
200
250
300

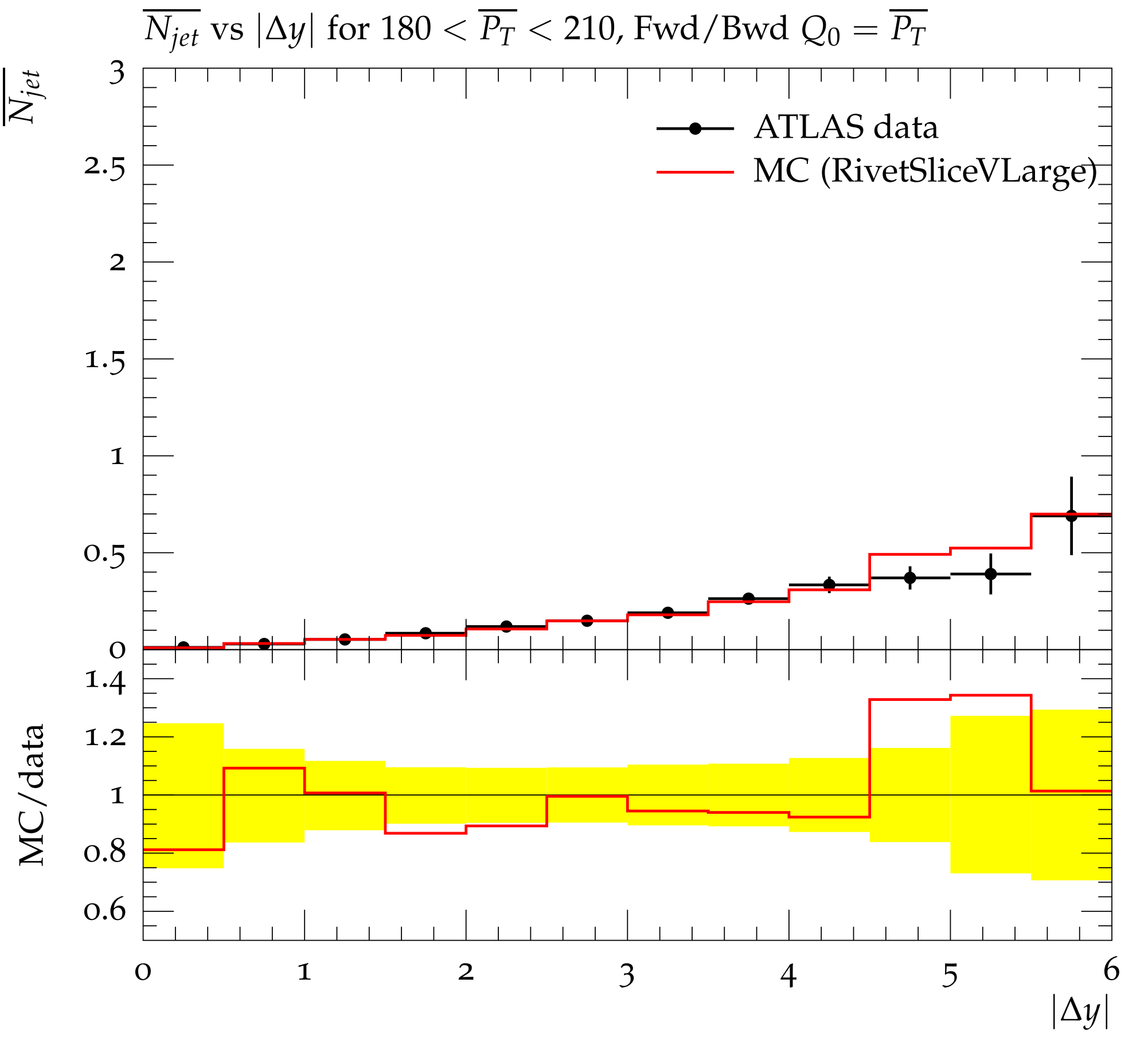

$\overline{N_{jet}}$ vs $\overline{P_T}$ for $4 < |\Delta y| < 5$, Fwd/Bwd
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$\overline{P_T}$ [GeV]
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
50
100
150
200
250
300

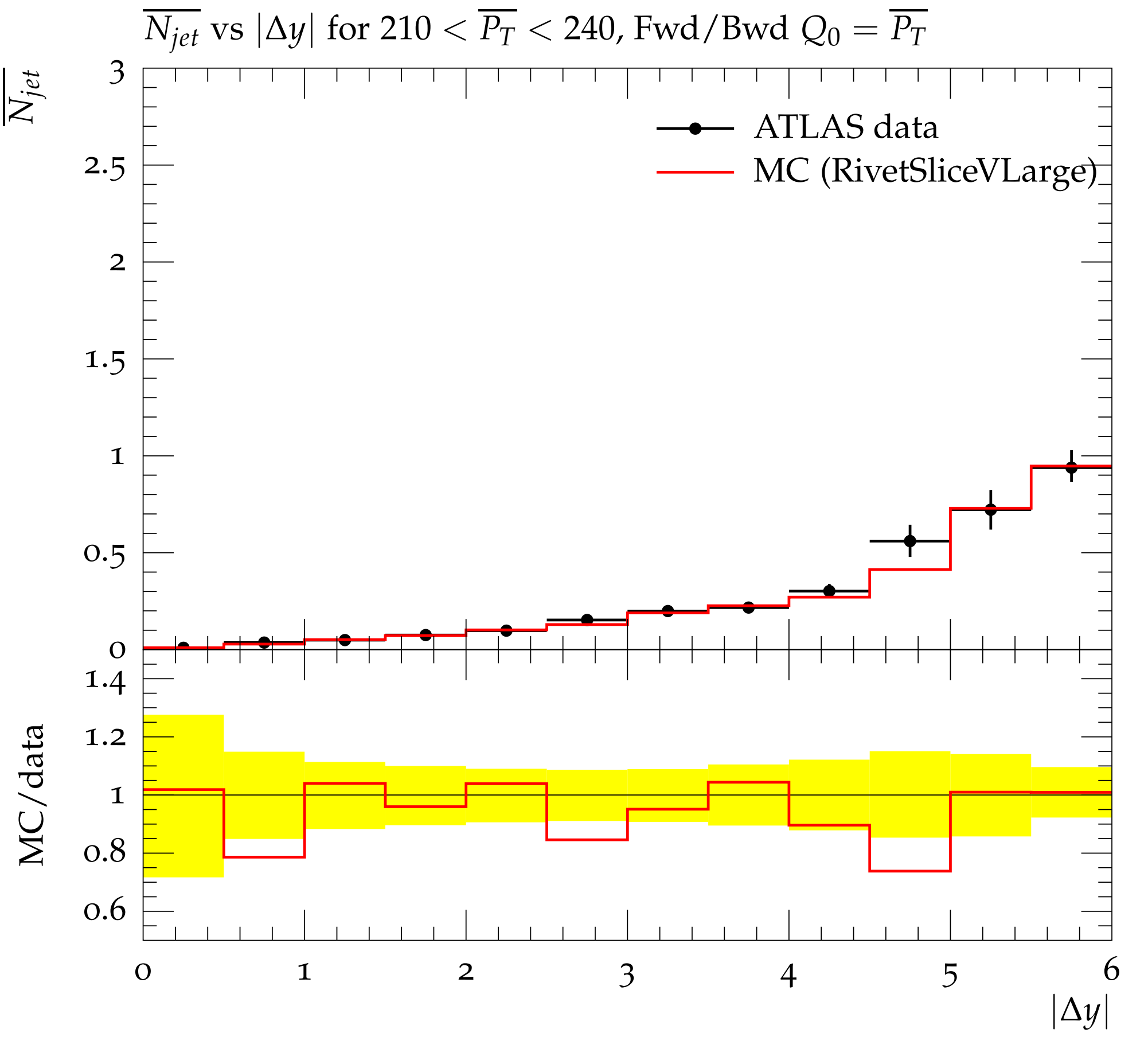

$\overline{N_{jet}}$ vs $|\Delta y|$ for $70 < \overline{P_T} < 90$, Fwd/Bwd $Q_0 = \overline{P_T}$
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

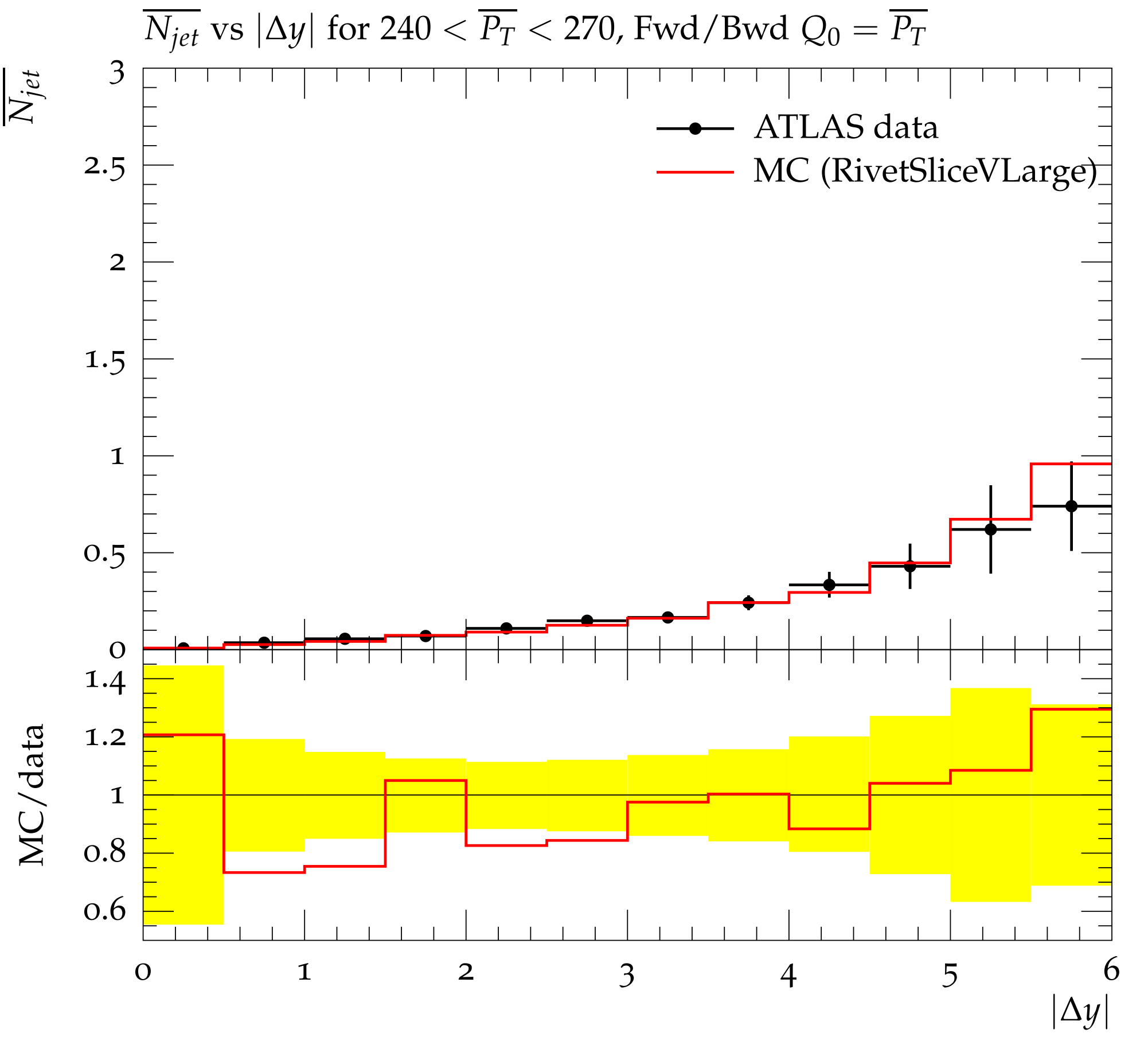

$\overline{N_{jet}}$ vs $|\Delta y|$ for $90 < \overline{P_T} < 120$, Fwd/Bwd $Q_0 = \overline{P_T}$
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

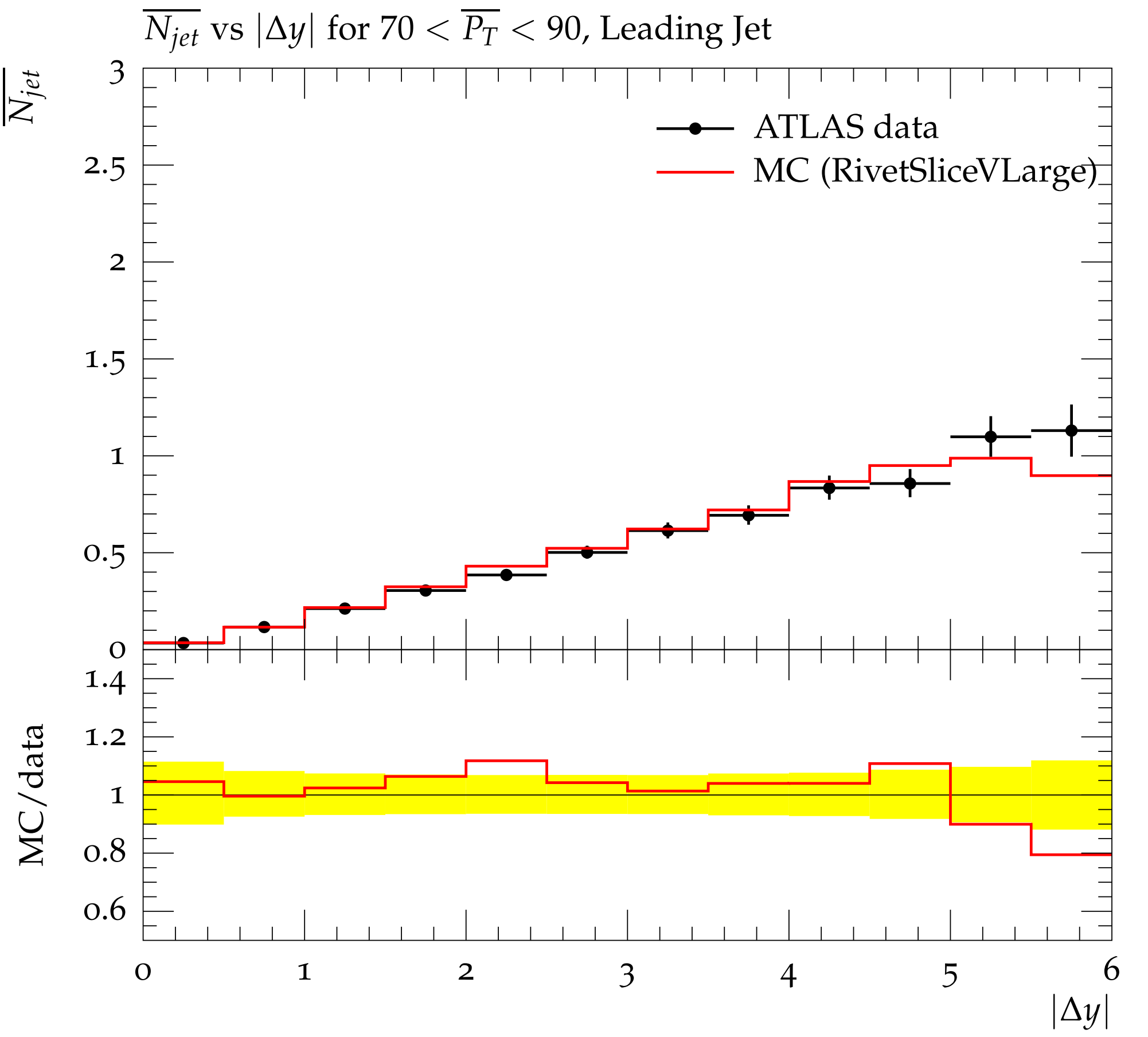

$\overline{N_{jet}}$ vs $|\Delta y|$ for $120 < \overline{P_T} < 150$, Fwd/Bwd $Q_0 = \overline{P_T}$
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

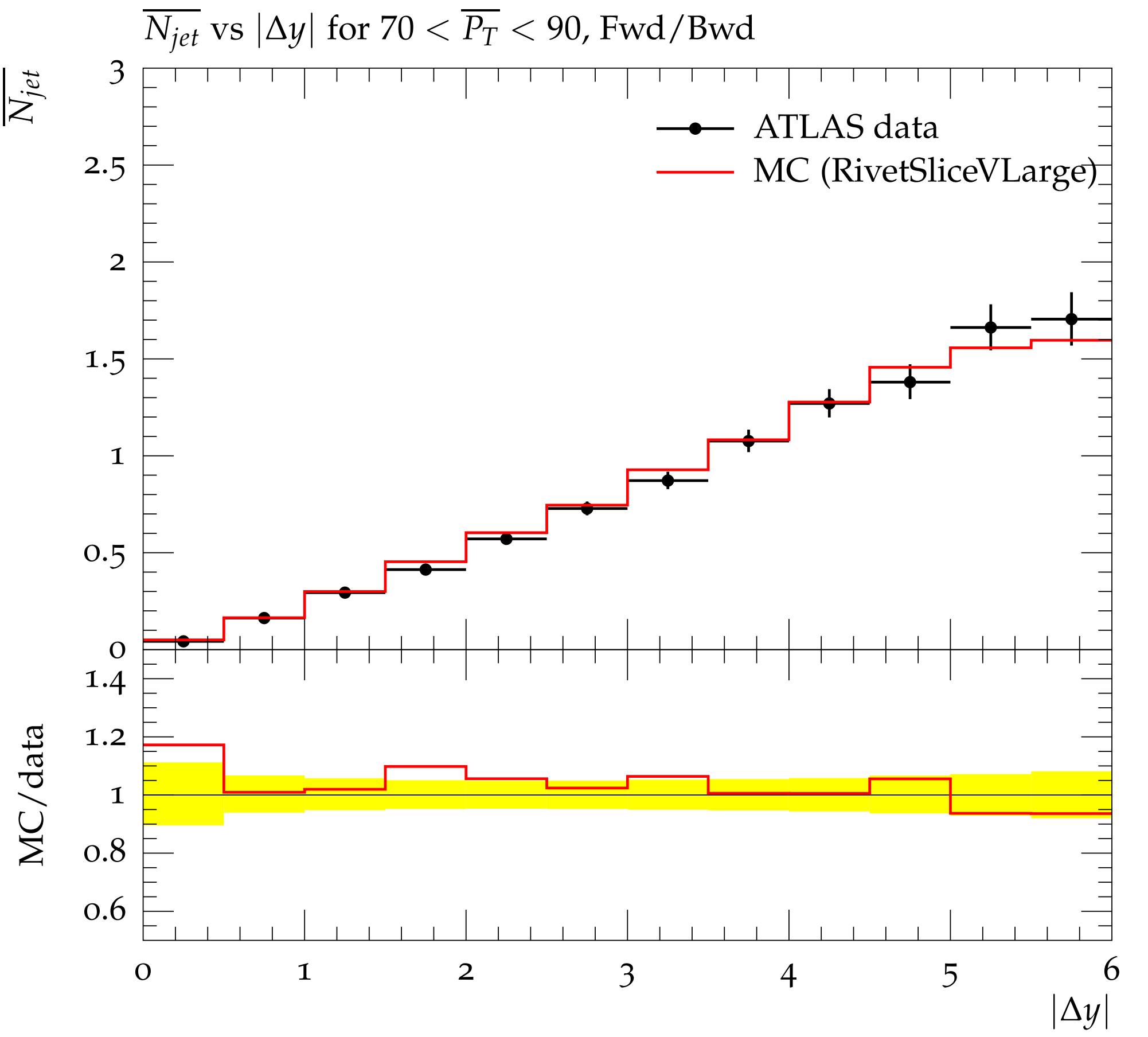

$\overline{N_{jet}}$ vs $|\Delta y|$ for $150 < \overline{P_T} < 180$, Fwd/Bwd $Q_0 = \overline{P_T}$
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

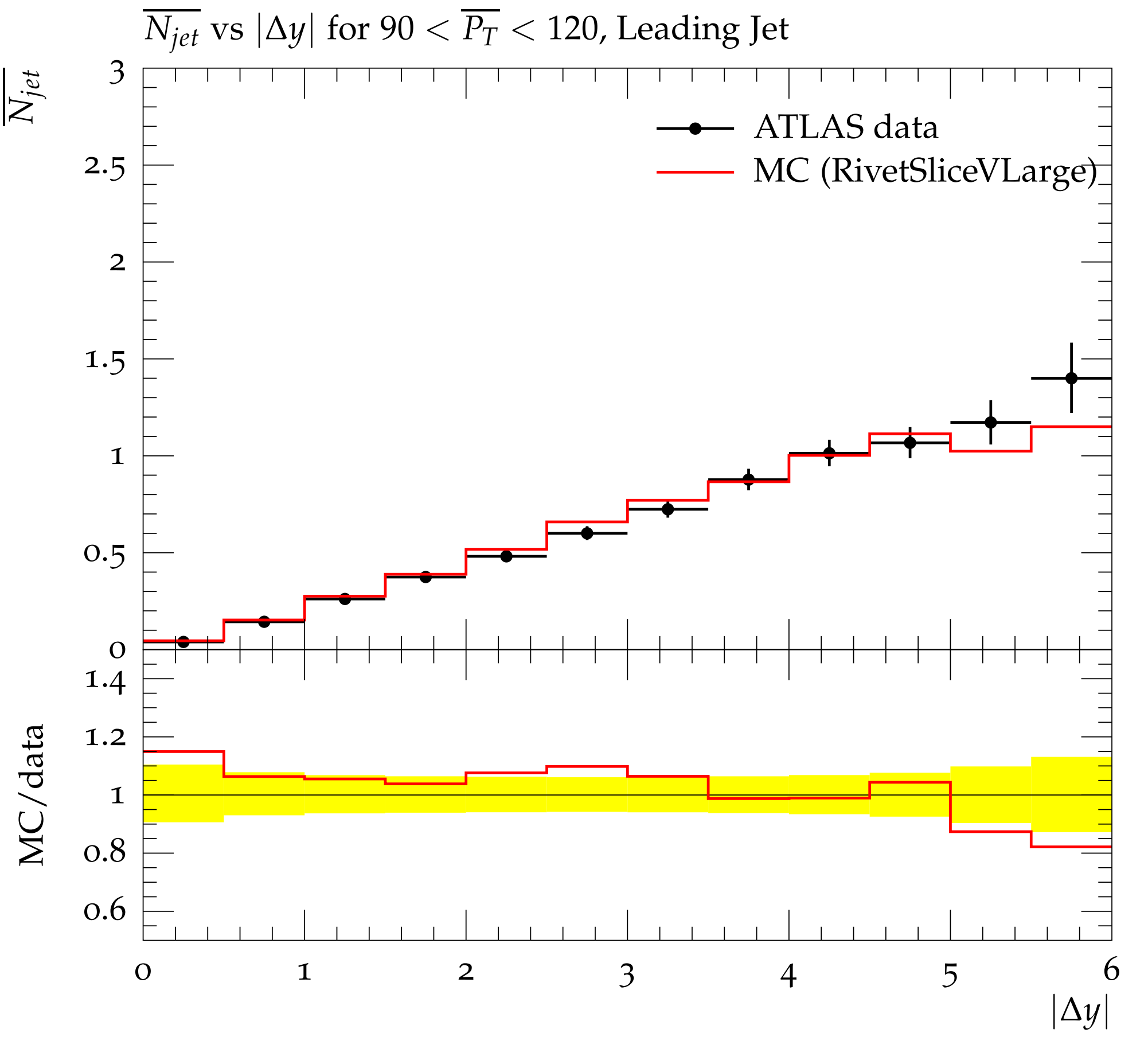

$\overline{N_{jet}}$ vs $|\Delta y|$ for $180 < \overline{P_T} < 210$, Fwd/Bwd $Q_0 = \overline{P_T}$
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$

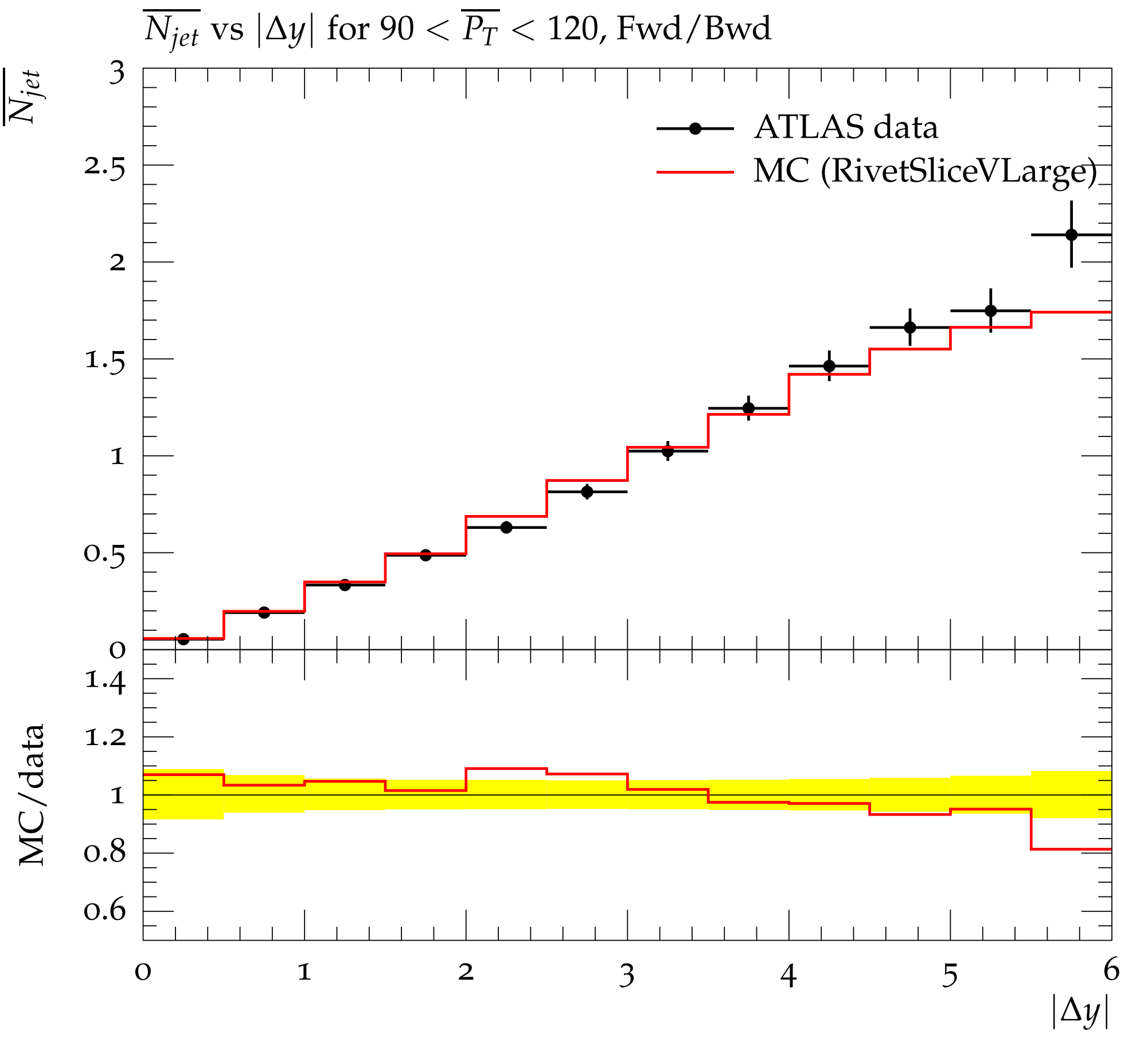

$\overline{N_{jet}}$ vs $|\Delta y|$ for $210 < \overline{P_T} < 240$, Fwd/Bwd $Q_0 = \overline{P_T}$
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

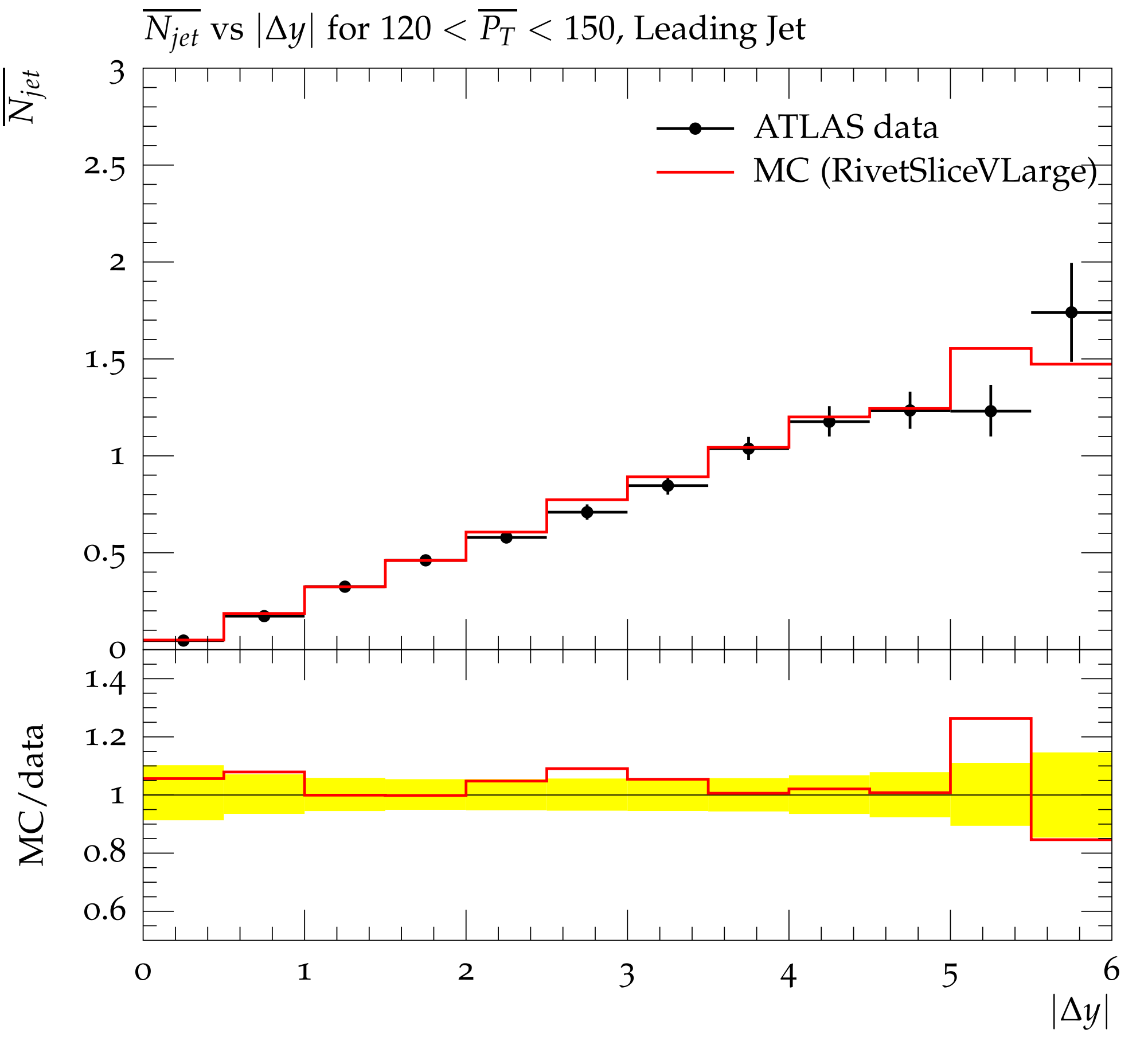

$\overline{N_{jet}}$ vs $|\Delta y|$ for $240 < \overline{P_T} < 270$, Fwd/Bwd $Q_0 = \overline{P_T}$
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

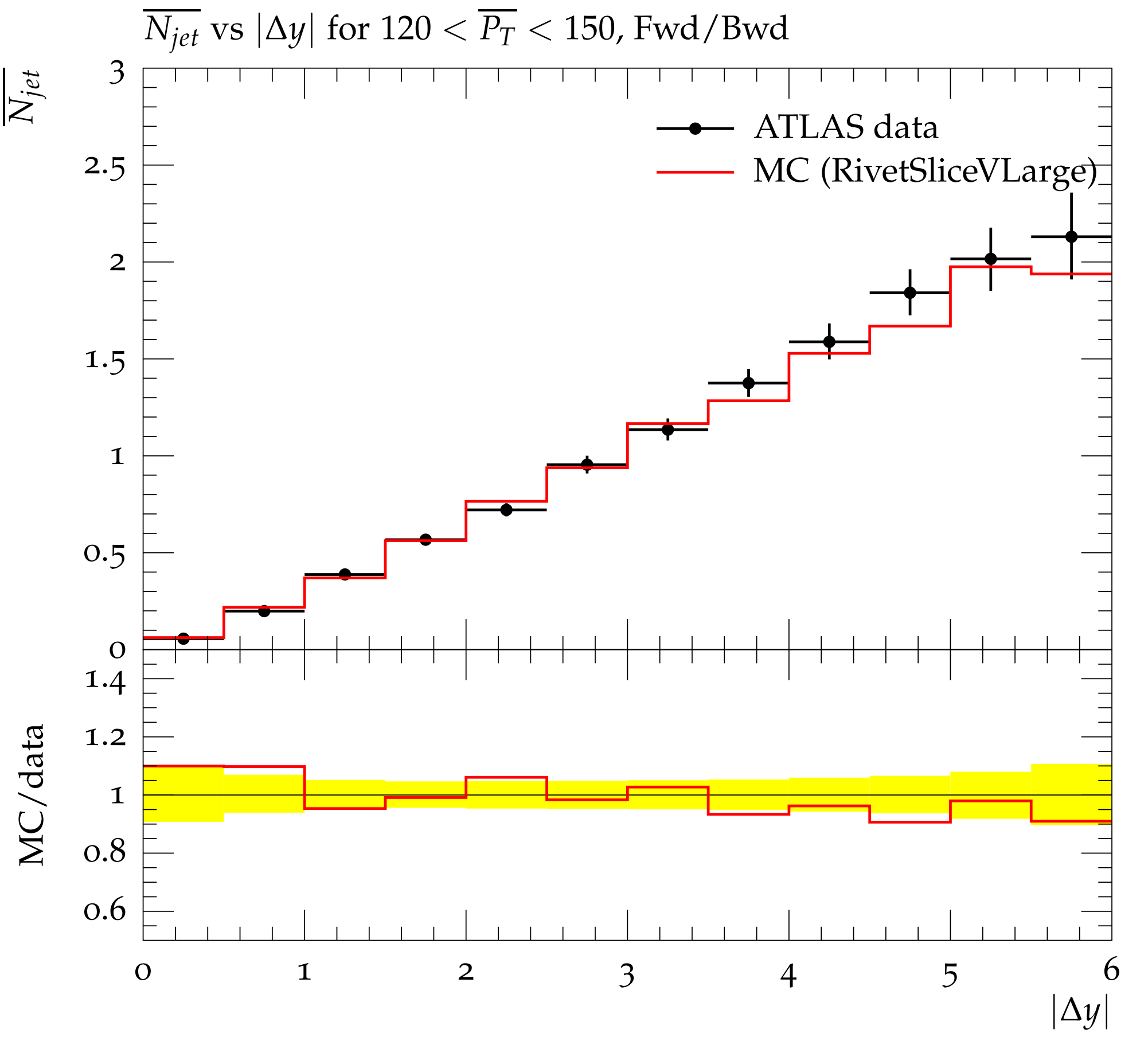

$\overline{N_{jet}}$ vs $|\Delta y|$ for $70 < \overline{P_T} < 90$, Leading Jet
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

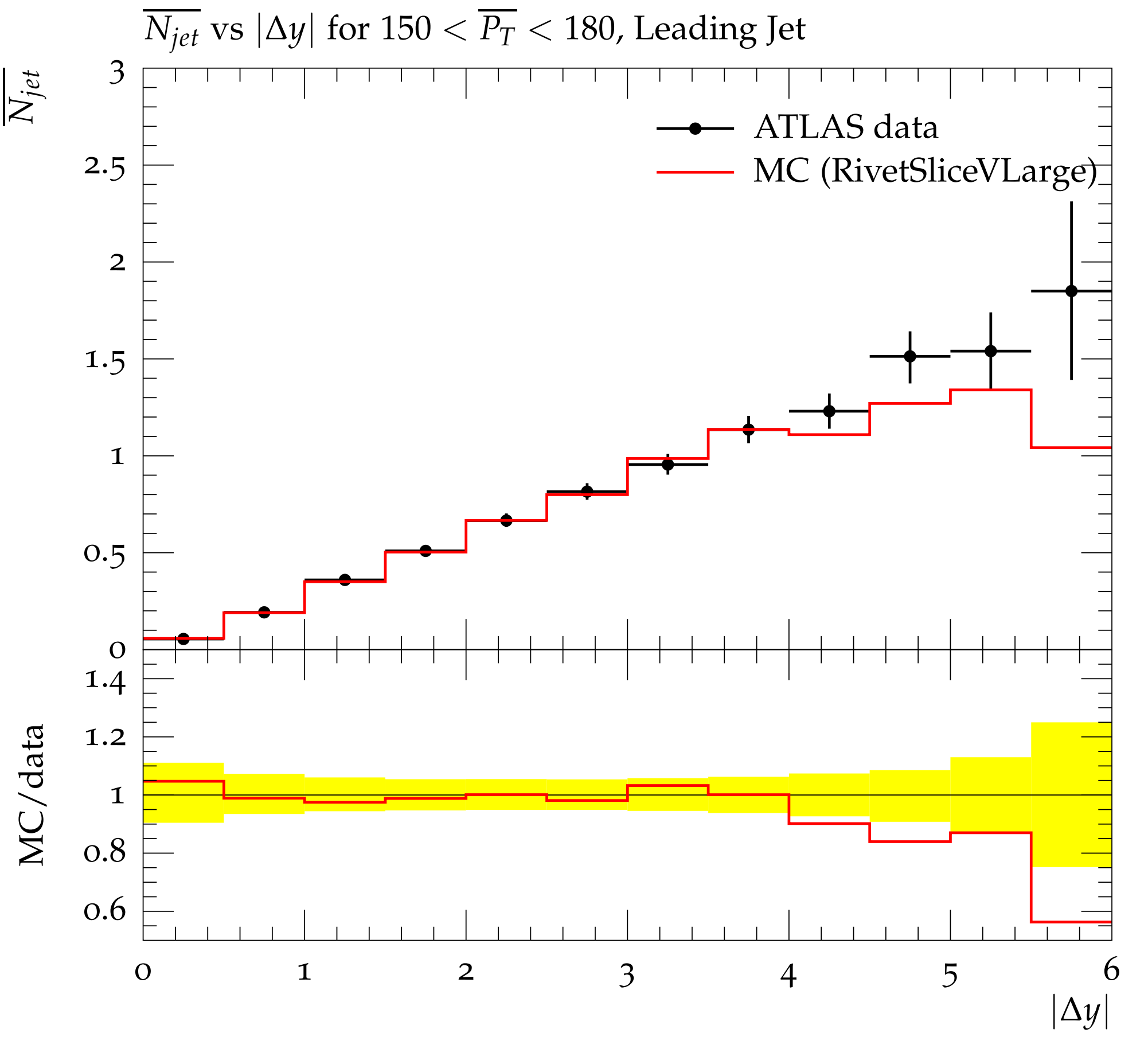

$\overline{N_{jet}}$ vs $|\Delta y|$ for $70 < \overline{P_T} < 90$, Fwd/Bwd
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

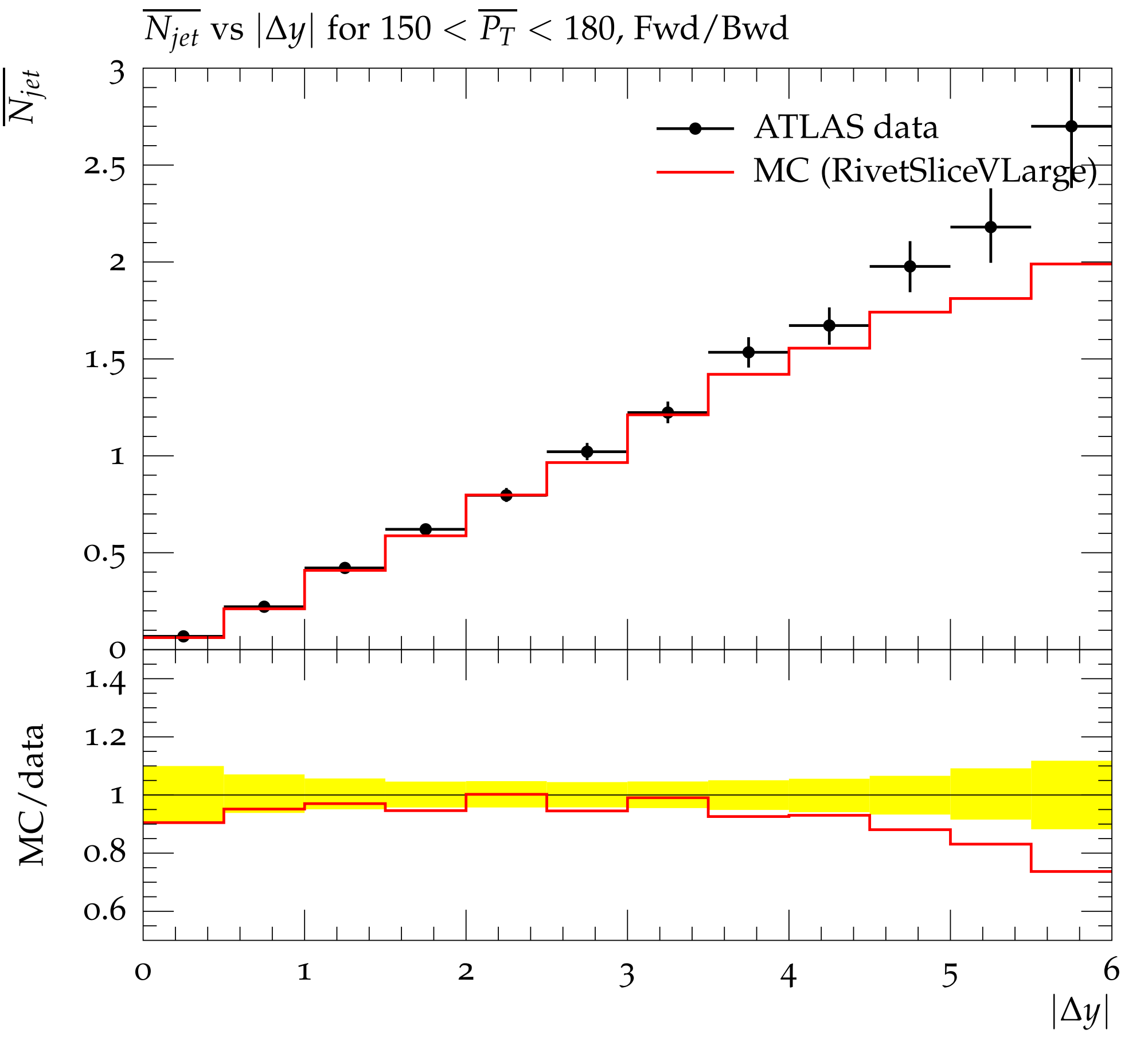

$\overline{N_{jet}}$ vs $|\Delta y|$ for $90 < \overline{P_T} < 120$, Leading Jet
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$

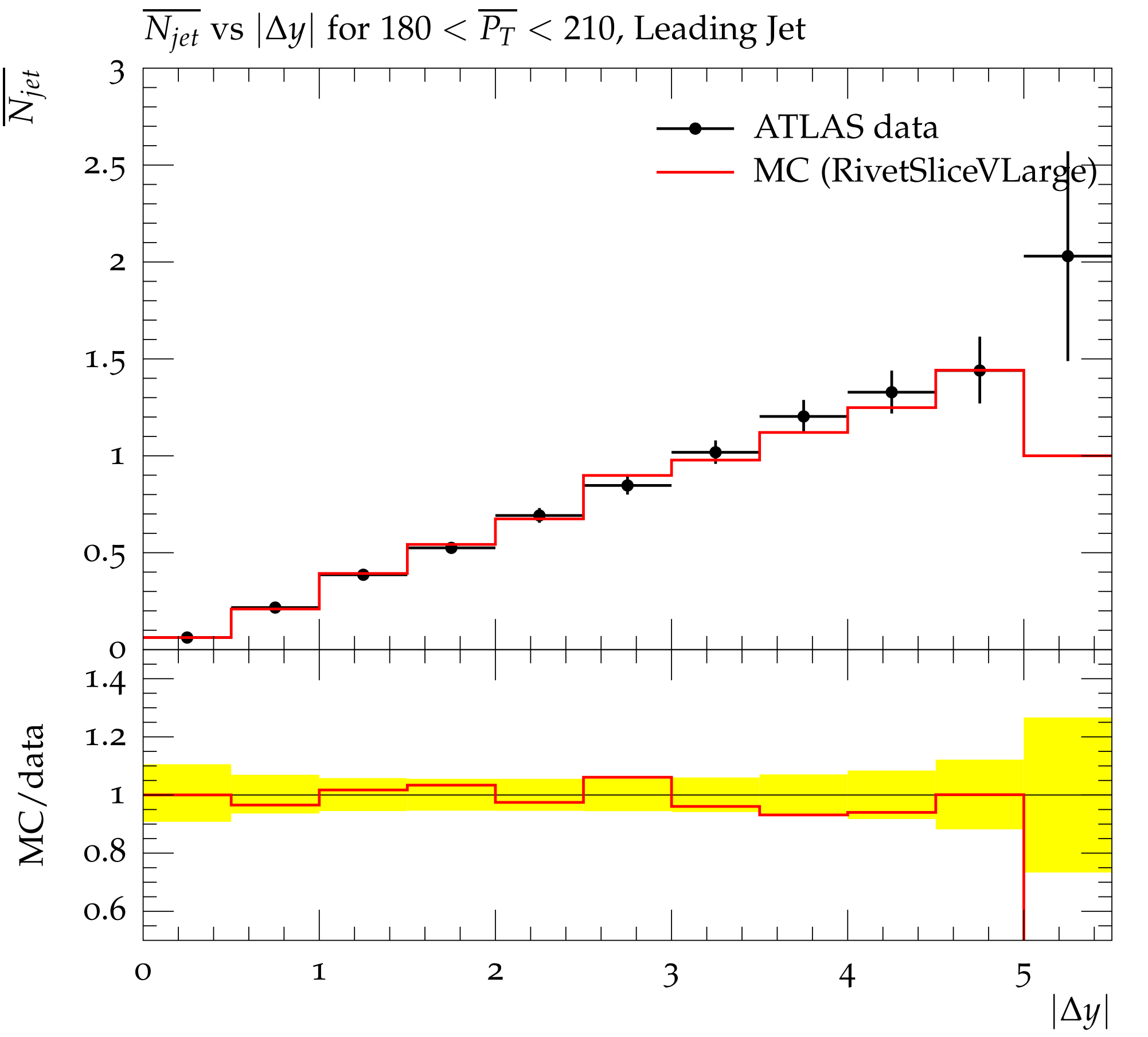

$\overline{N_{jet}}$ vs $|\Delta y|$ for $90 < \overline{P_T} < 120$, Fwd/Bwd
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

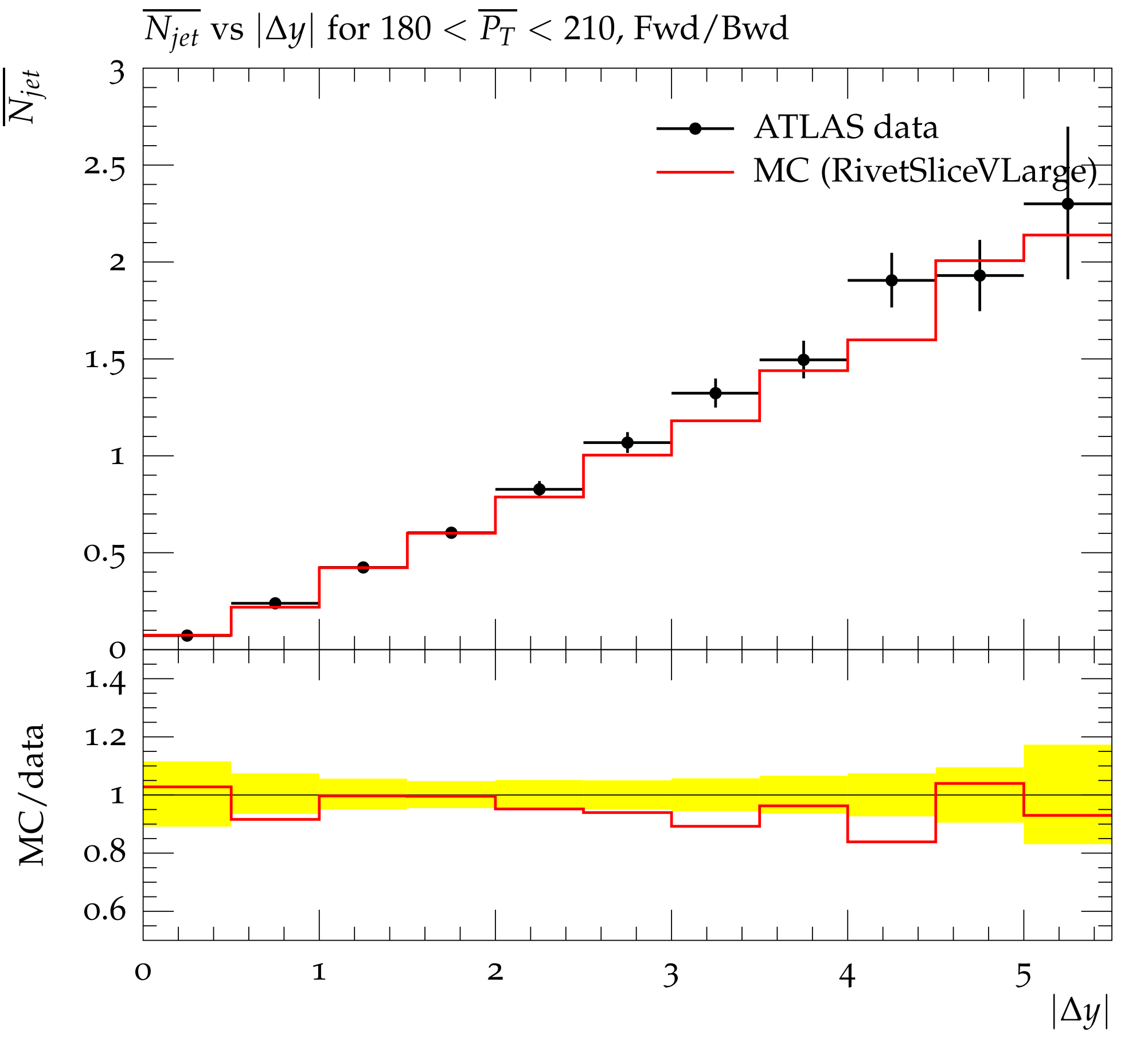

$\overline{N_{jet}}$ vs $|\Delta y|$ for $120 < \overline{P_T} < 150$, Leading Jet
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

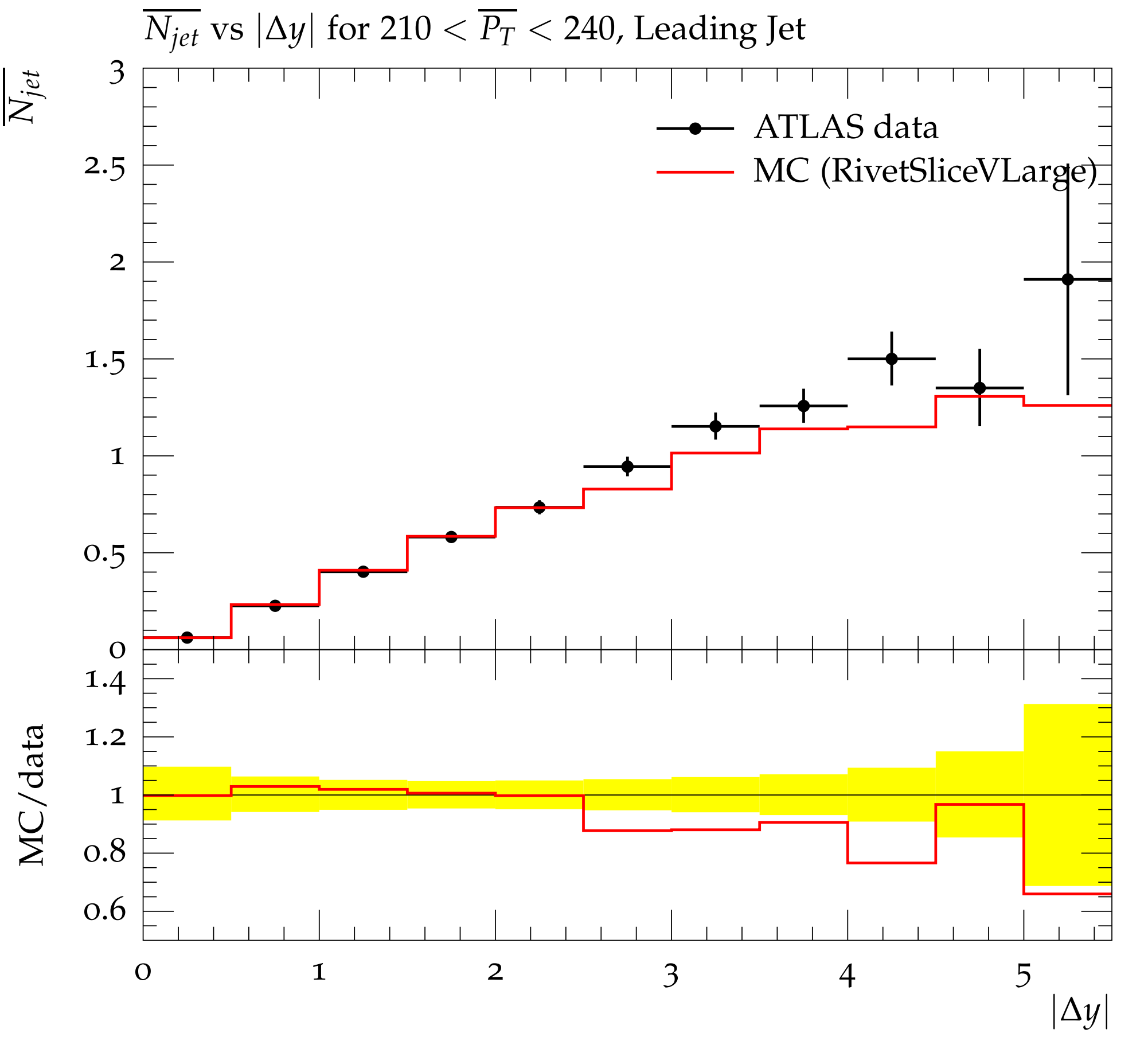

$\overline{N_{jet}}$ vs $|\Delta y|$ for $120 < \overline{P_T} < 150$, Fwd/Bwd
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

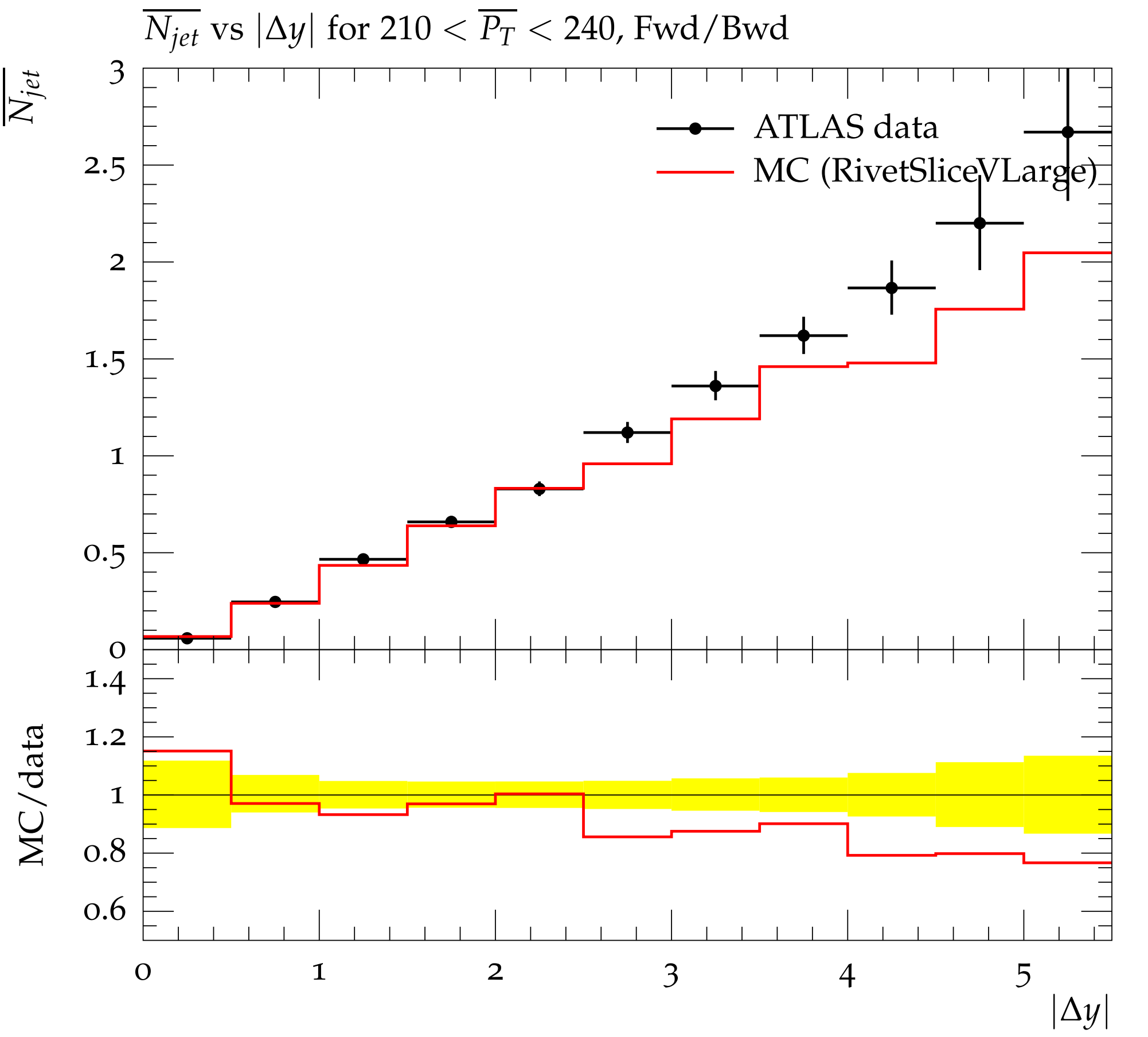

$\overline{N_{jet}}$ vs $|\Delta y|$ for $150 < \overline{P_T} < 180$, Leading Jet
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

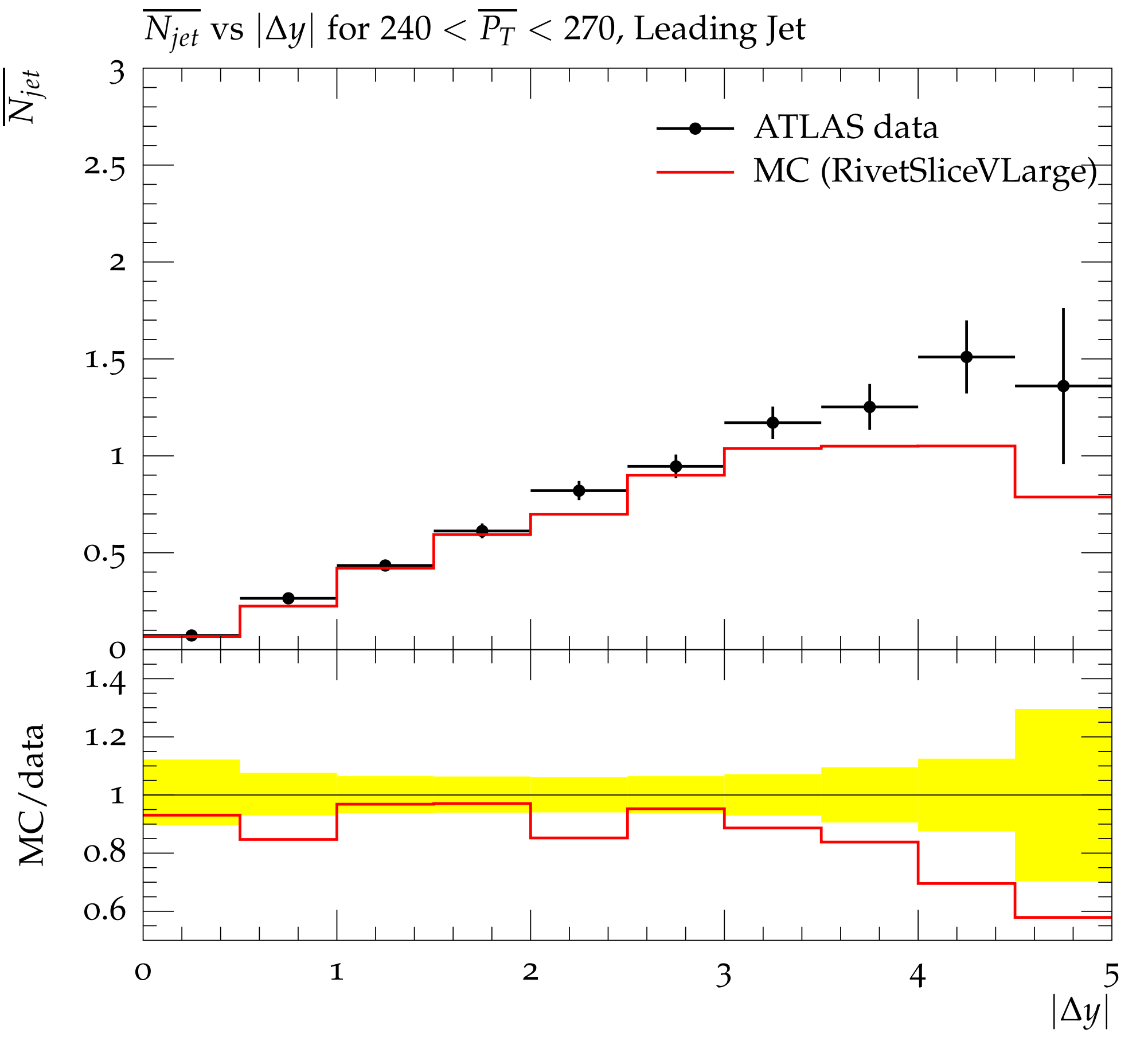

$\overline{N_{jet}}$ vs $|\Delta y|$ for $150 < \overline{P_T} < 180$, Fwd/Bwd
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5
6

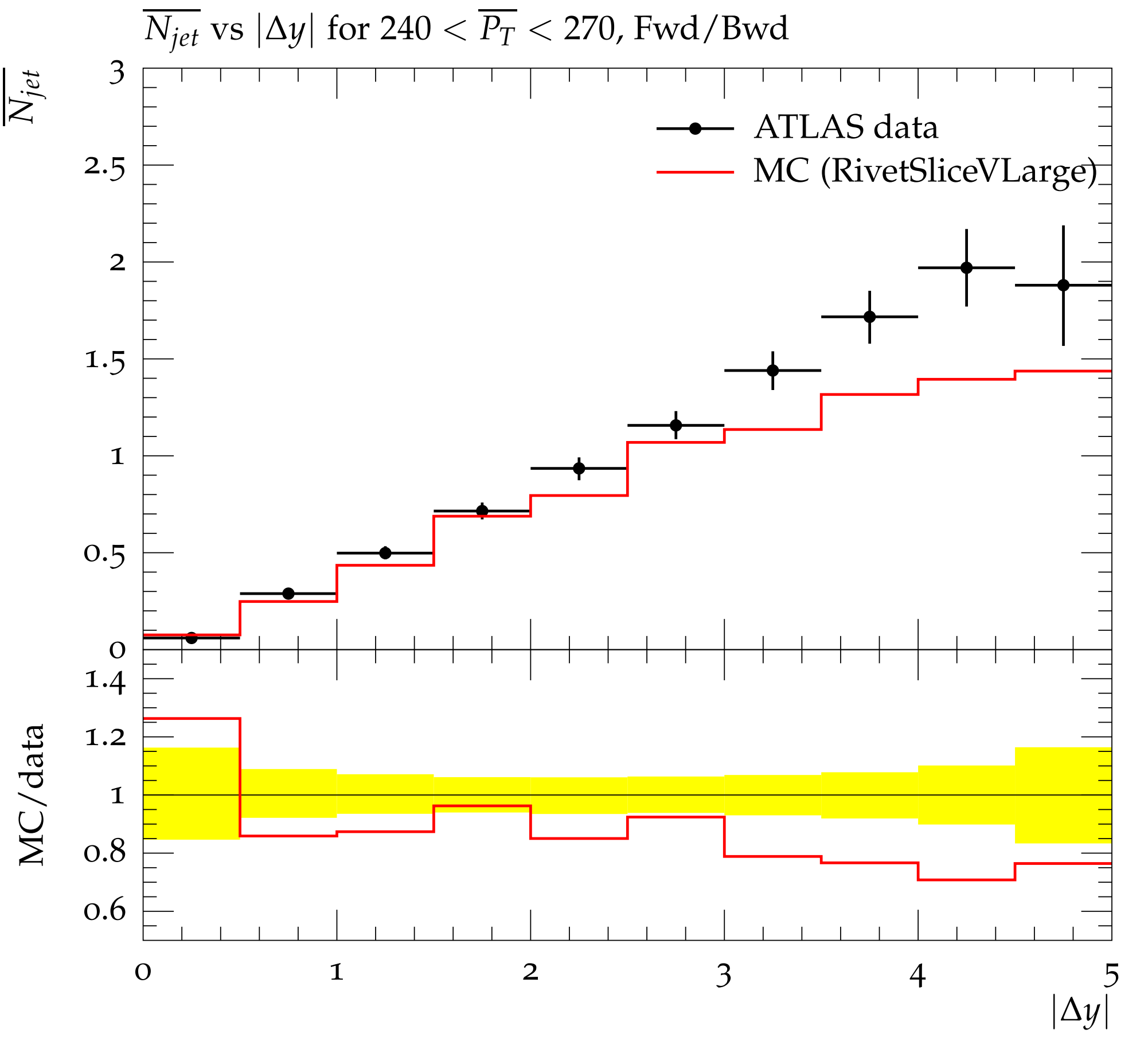

$\overline{N_{jet}}$ vs $|\Delta y|$ for $180 < \overline{P_T} < 210$, Leading Jet
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$


$\overline{N_{jet}}$ vs $|\Delta y|$ for $180 < \overline{P_T} < 210$, Fwd/Bwd
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$


$\overline{N_{jet}}$ vs $|\Delta y|$ for $210 < \overline{P_T} < 240$, Leading Jet
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5


$\overline{N_{jet}}$ vs $|\Delta y|$ for $210 < \overline{P_T} < 240$, Fwd/Bwd
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5


$\overline{N_{jet}}$ vs $|\Delta y|$ for $240 < \overline{P_T} < 270$, Leading Jet
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5


$\overline{N_{jet}}$ vs $|\Delta y|$ for $240 < \overline{P_T} < 270$, Fwd/Bwd
$\overline{N_{jet}}$
ATLAS data
MC (RivetSliceVLarge)
MC/data
$|\Delta y|$
0
0.5
1
1.5
2
2.5
3
0.6
0.8
1
1.2
1.4
0
1
2
3
4
5