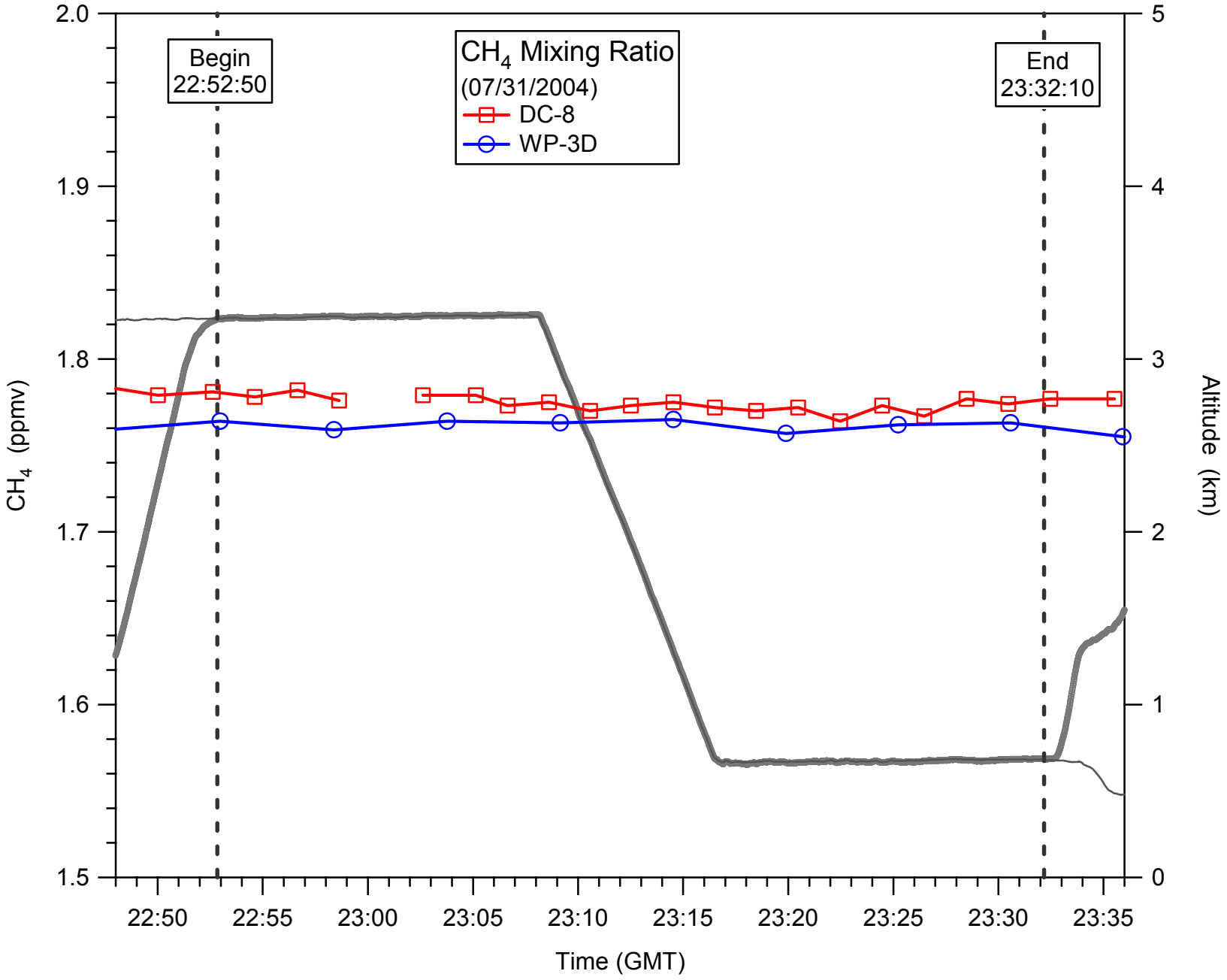
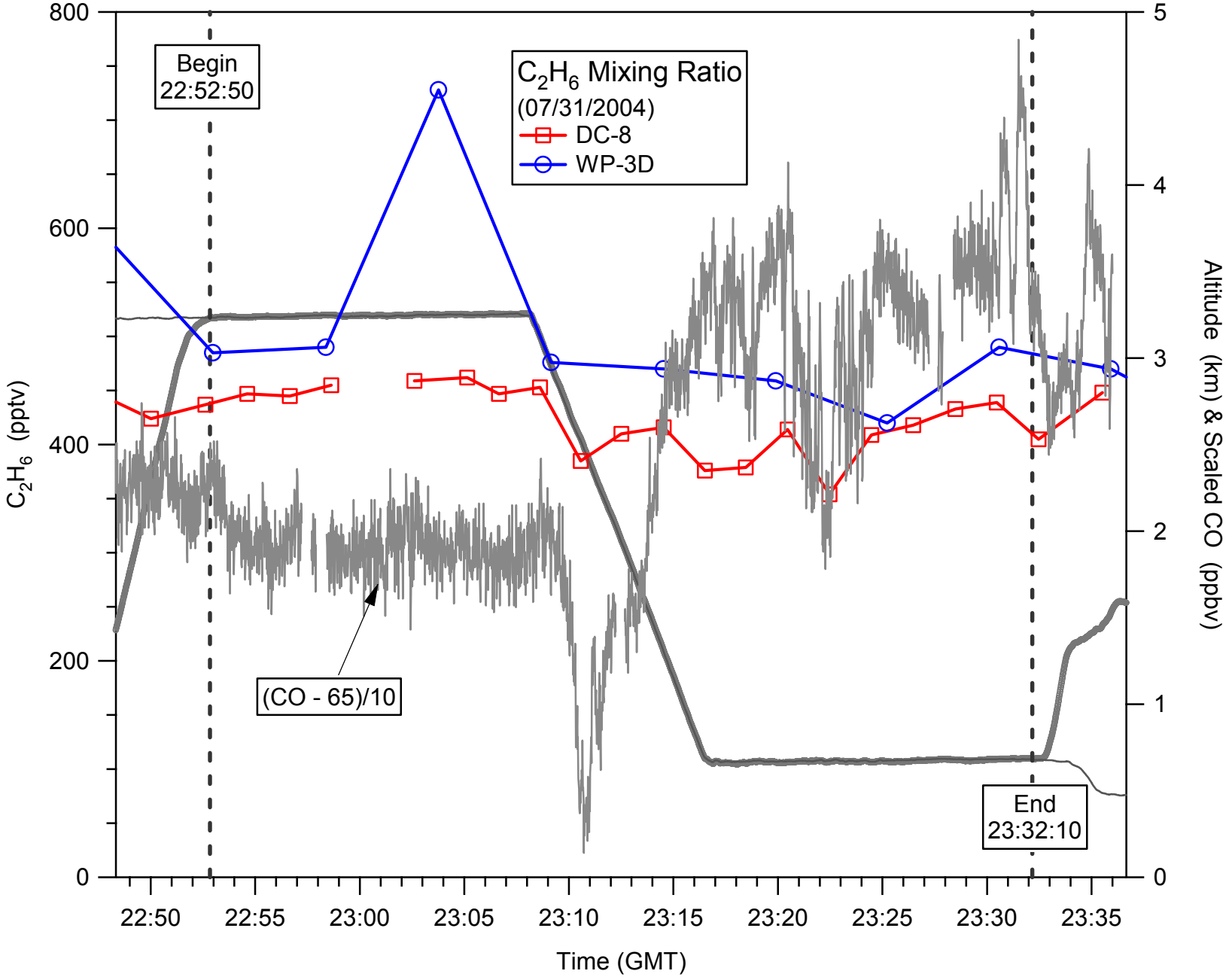
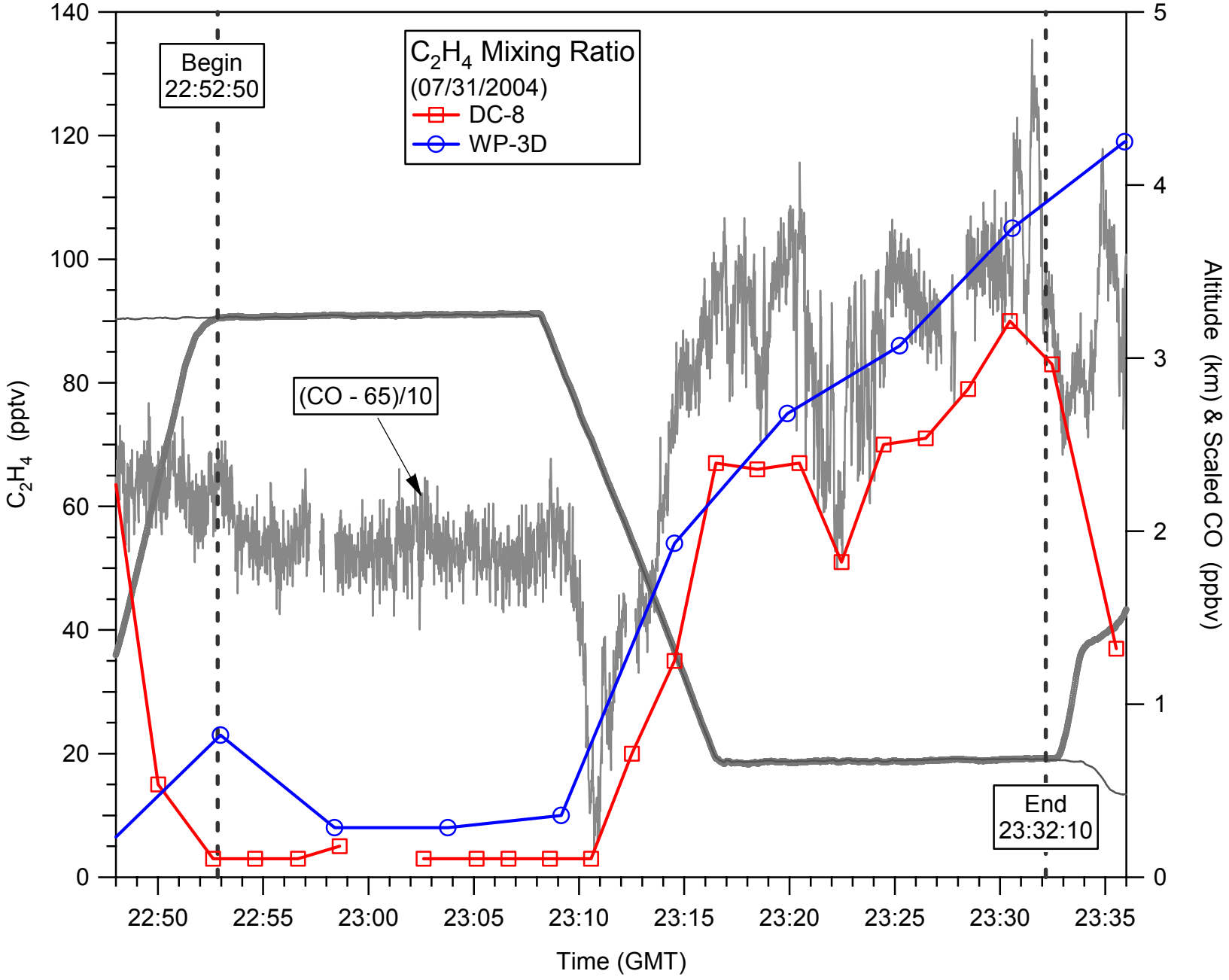
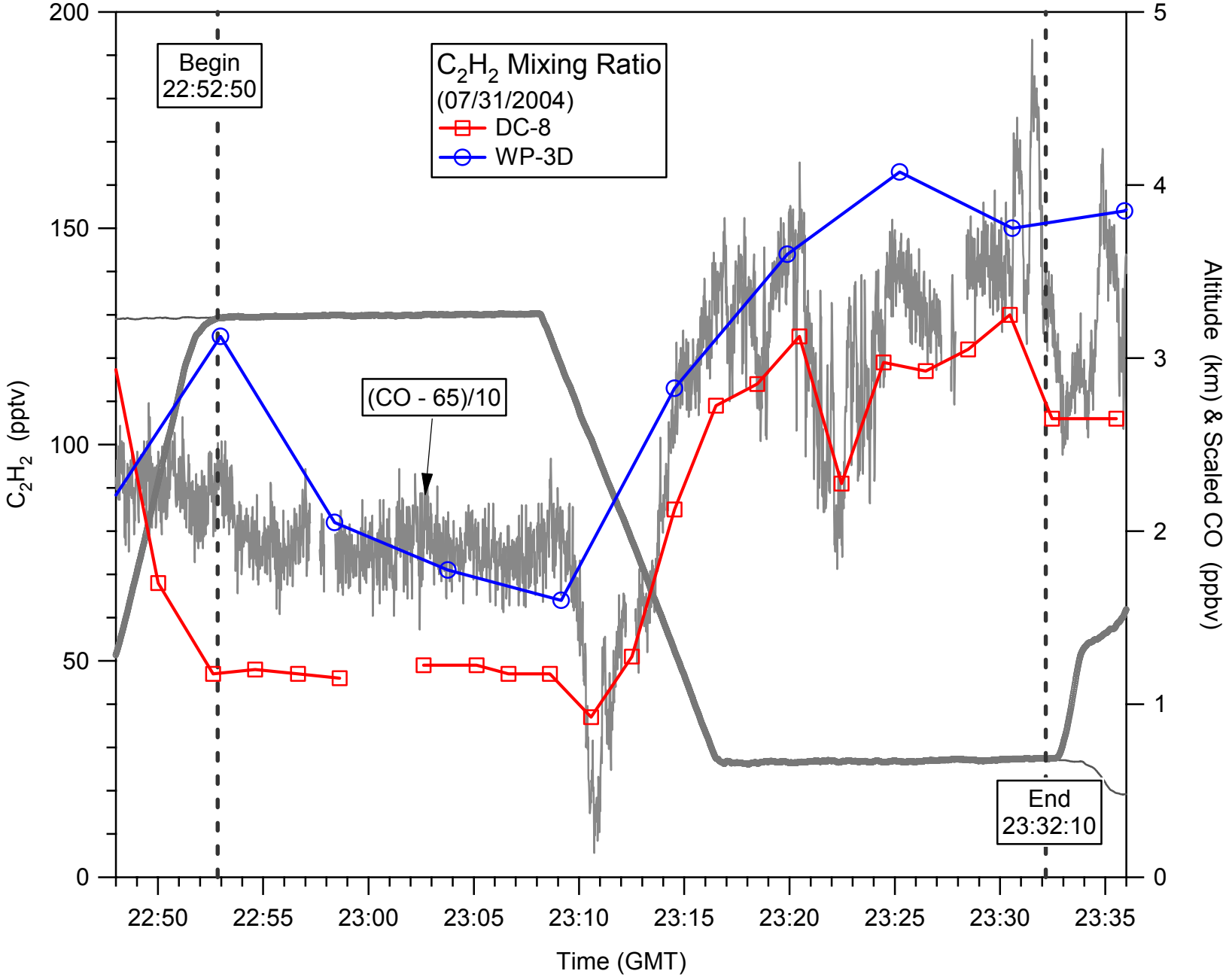
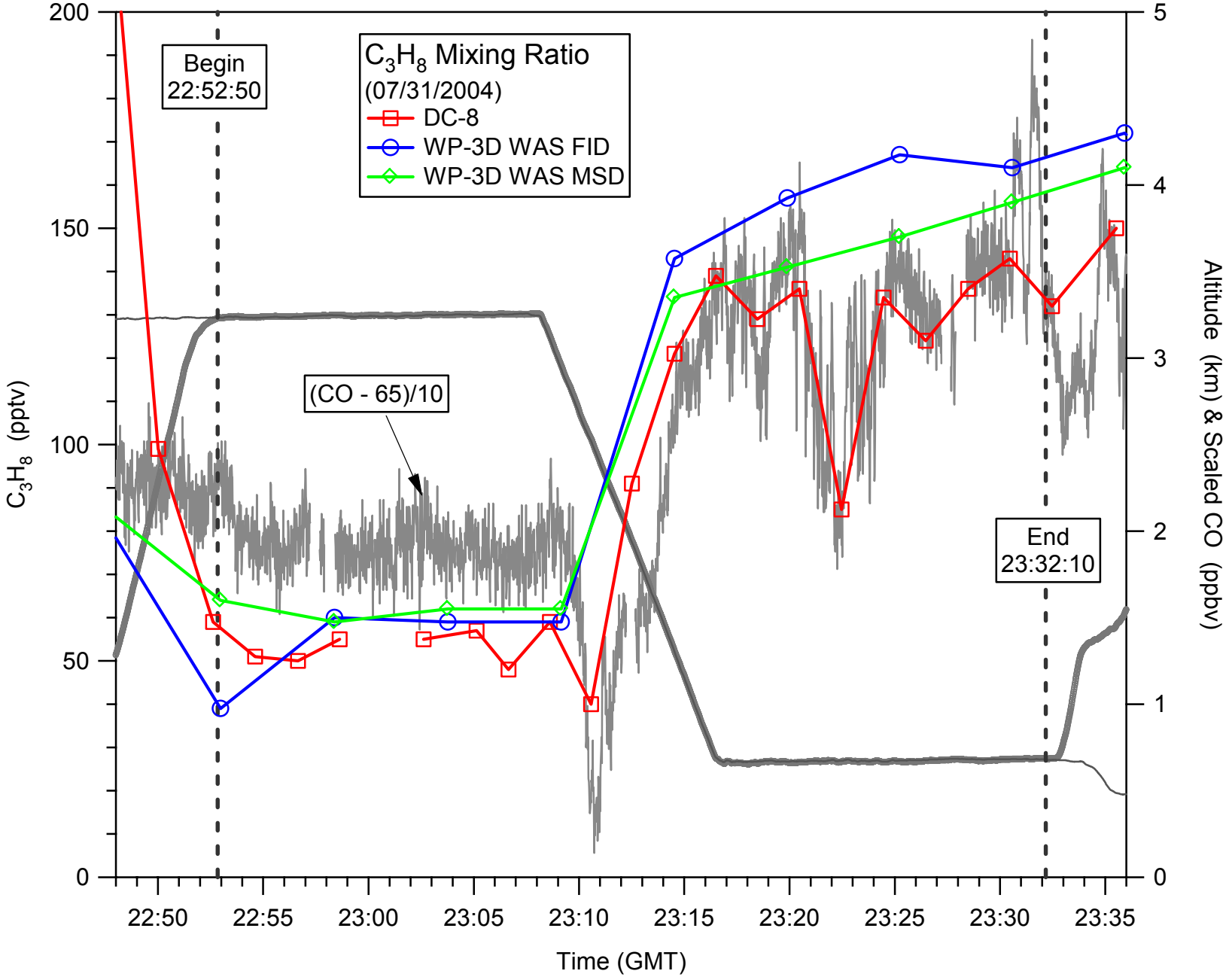
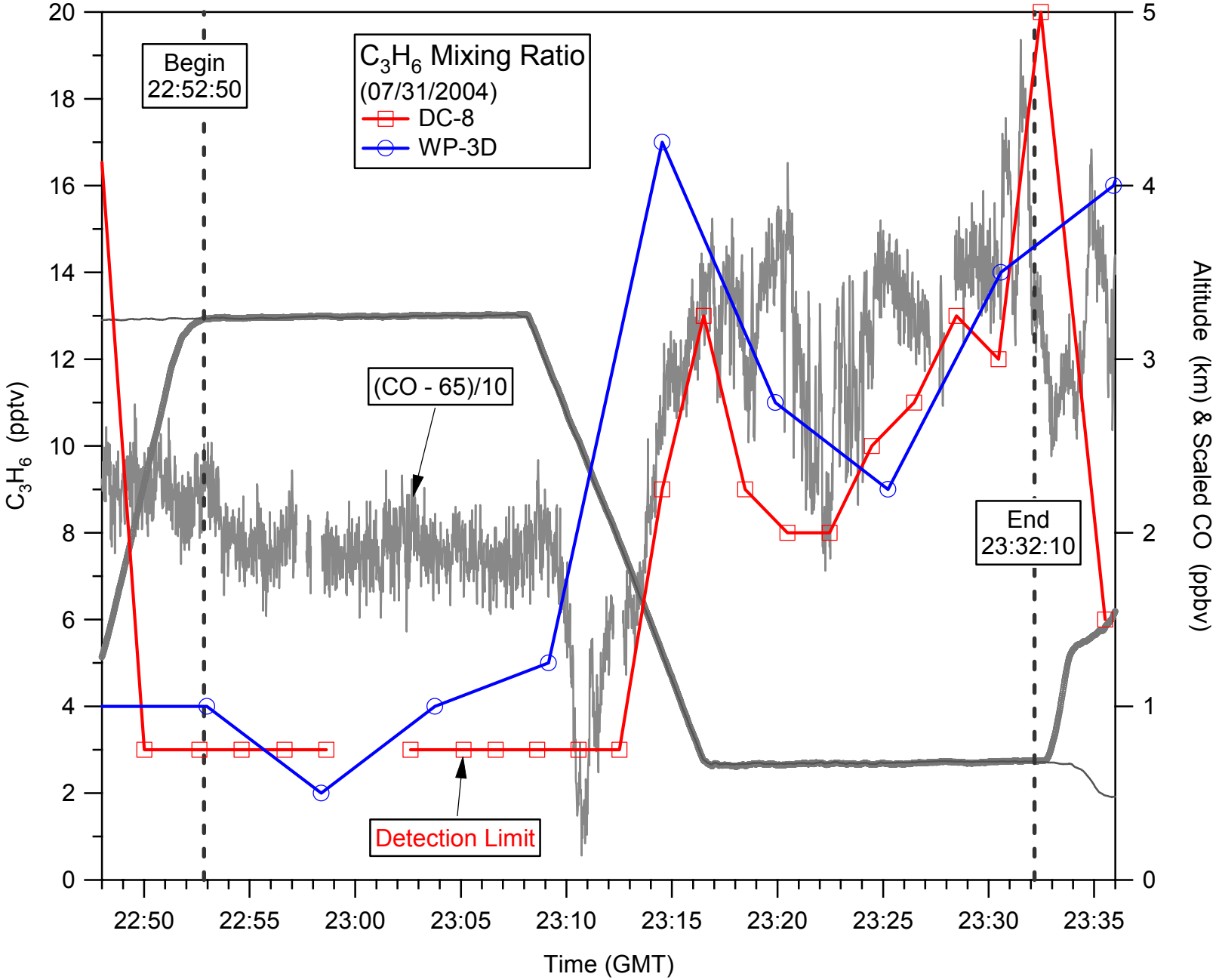

CH4 Mixing Ratio
(07/31/2004)
DC-8
WP-3D
Begin
22:52:50
End
23:32:10
CH4 (ppmv)
Altitude (km)
Time (GMT)
2.0
1.9
1.8
1.7
1.6
1.5
5
4
3
2
1
0
22:50
22:55
23:00
23:05
23:10
23:15
23:20
23:25
23:30
23:35

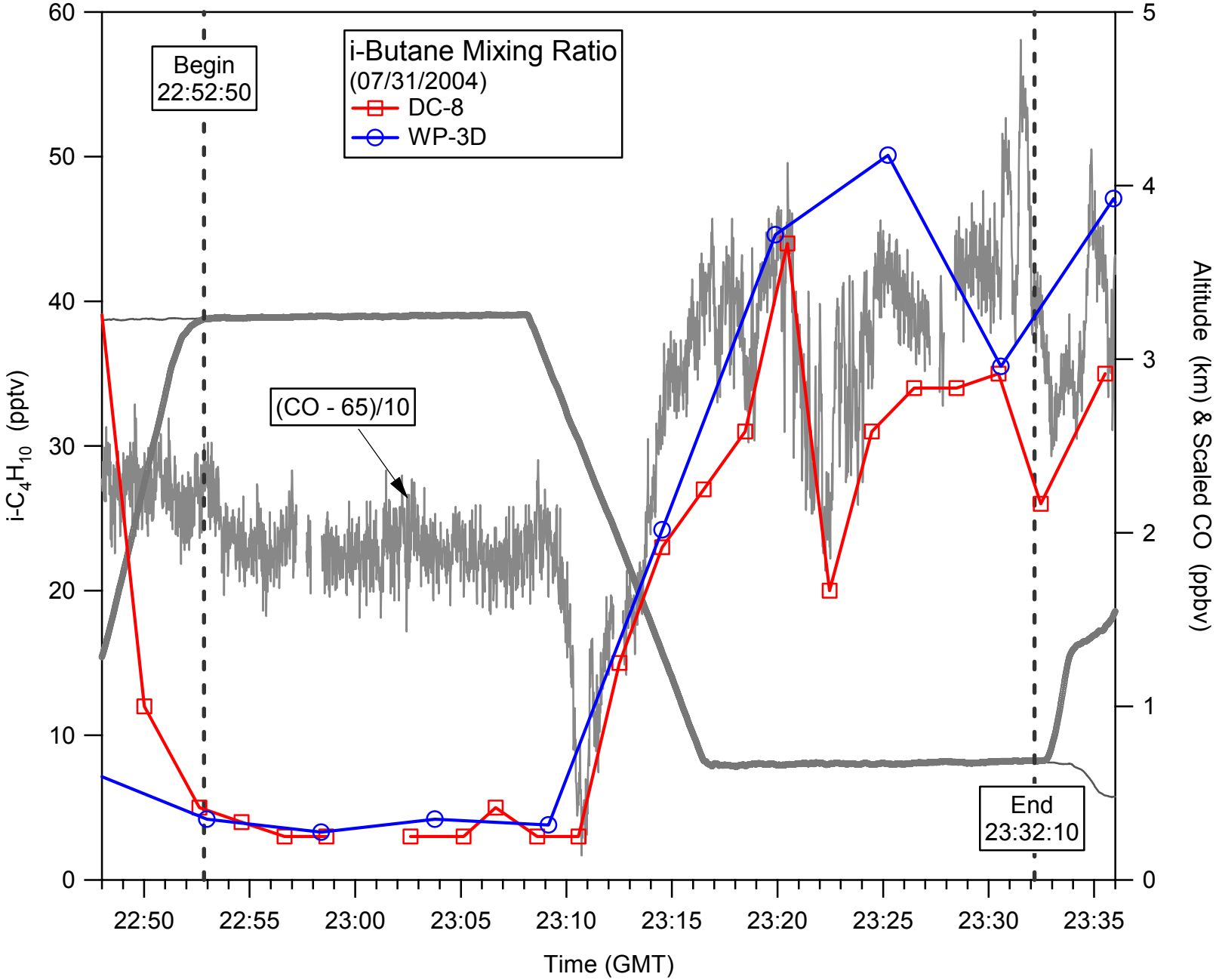

Begin
22:52:50
C_2H_6 Mixing Ratio
(07/31/2004)
DC-8
WP-3D
(CO - 65)/10
End
23:32:10
C_2H_6 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
0
200
400
600
800
0
1
2
3
4
5
22:50
22:55
23:00
23:05
23:10
23:15
23:20
23:25
23:30
23:35

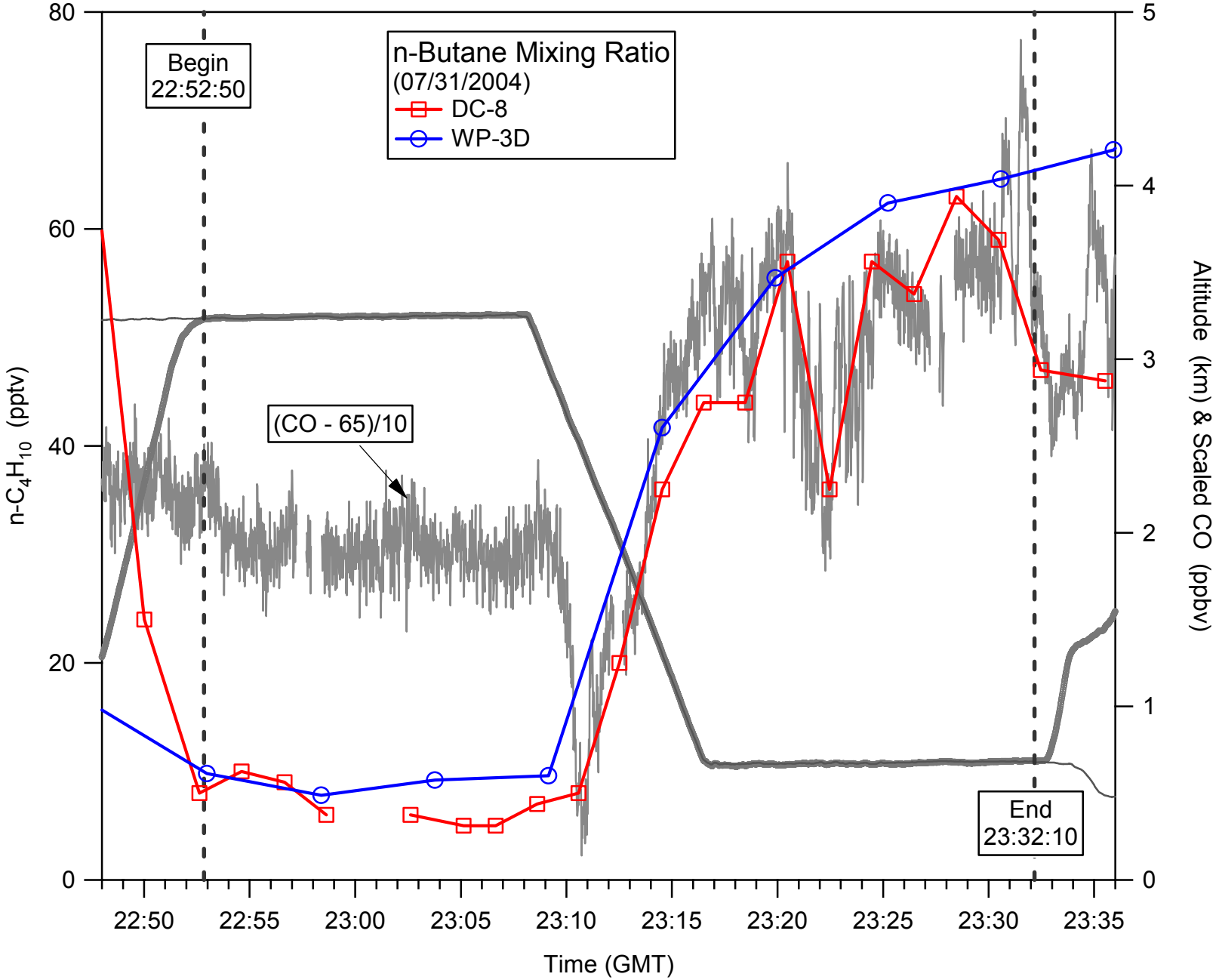

C_2H_4 Mixing Ratio
(07/31/2004)
DC-8
WP-3D
Begin
22:52:50
End
23:32:10
(CO - 65)/10
C_2H_4 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
0
20
40
60
80
100
120
140
0
1
2
3
4
5
22:50
22:55
23:00
23:05
23:10
23:15
23:20
23:25
23:30
23:35

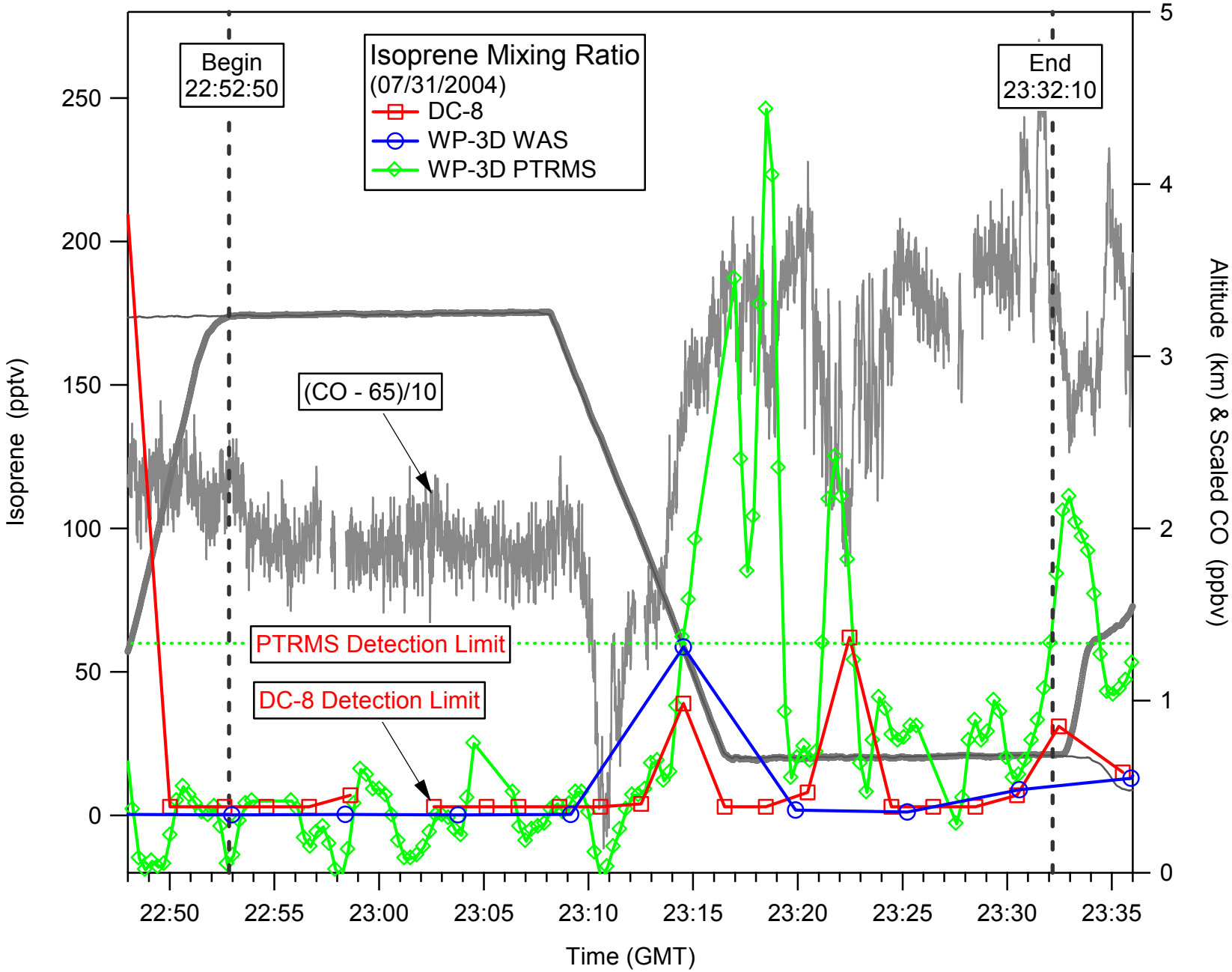

Begin
22:52:50
C_2H_2 Mixing Ratio
(07/31/2004)
DC-8
WP-3D
(CO - 65)/10
End
23:32:10
C_2H_2 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
200
150
100
50
0
5
4
3
2
1
0
22:50
22:55
23:00
23:05
23:10
23:15
23:20
23:25
23:30
23:35

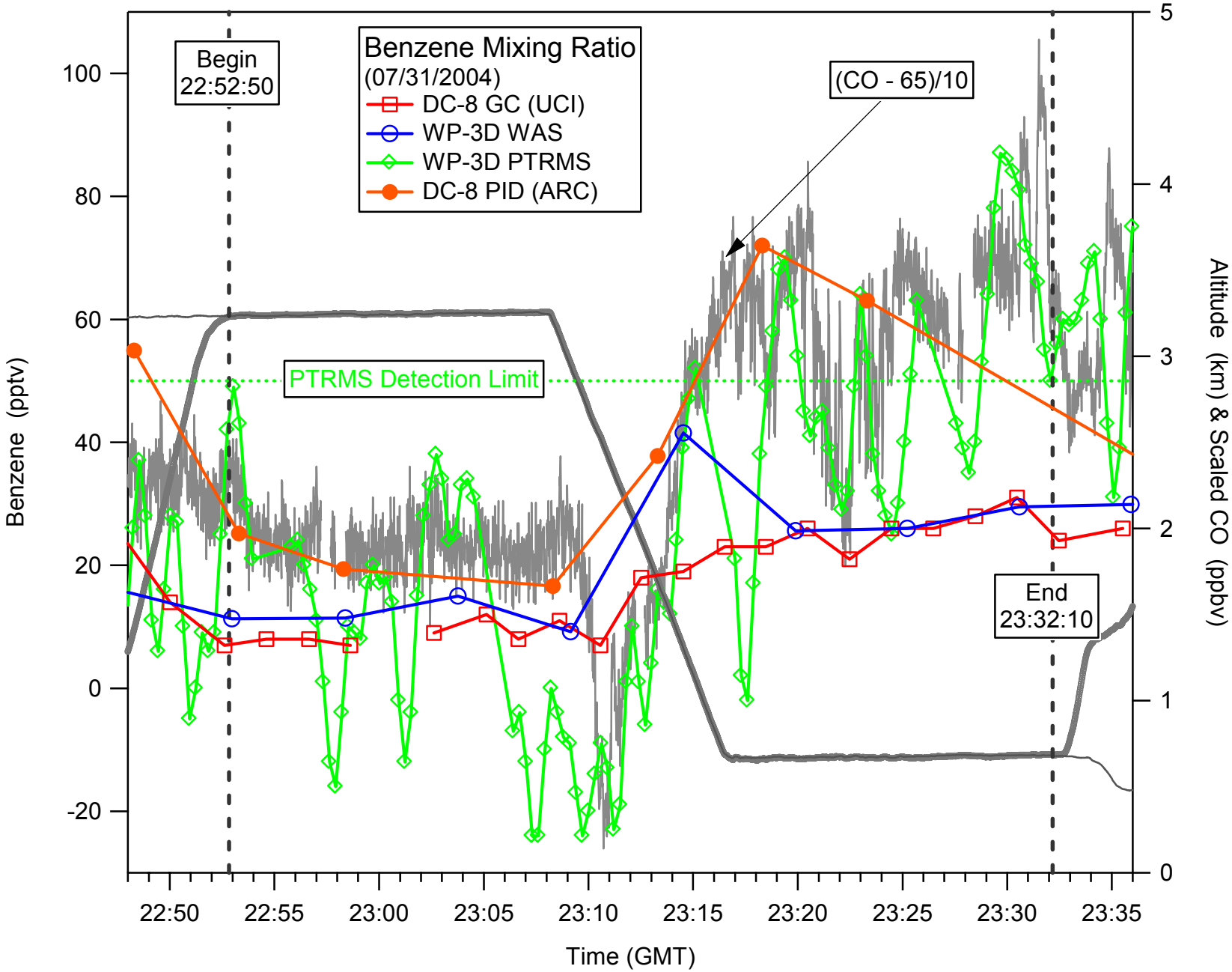

C_3H_8 Mixing Ratio
(07/31/2004)
DC-8
WP-3D WAS FID
WP-3D WAS MSD
Begin
22:52:50
End
23:32:10
(CO - 65)/10
C_3H_8 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
200
150
100
50
0
5
4
3
2
1
0
22:50
22:55
23:00
23:05
23:10
23:15
23:20
23:25
23:30
23:35

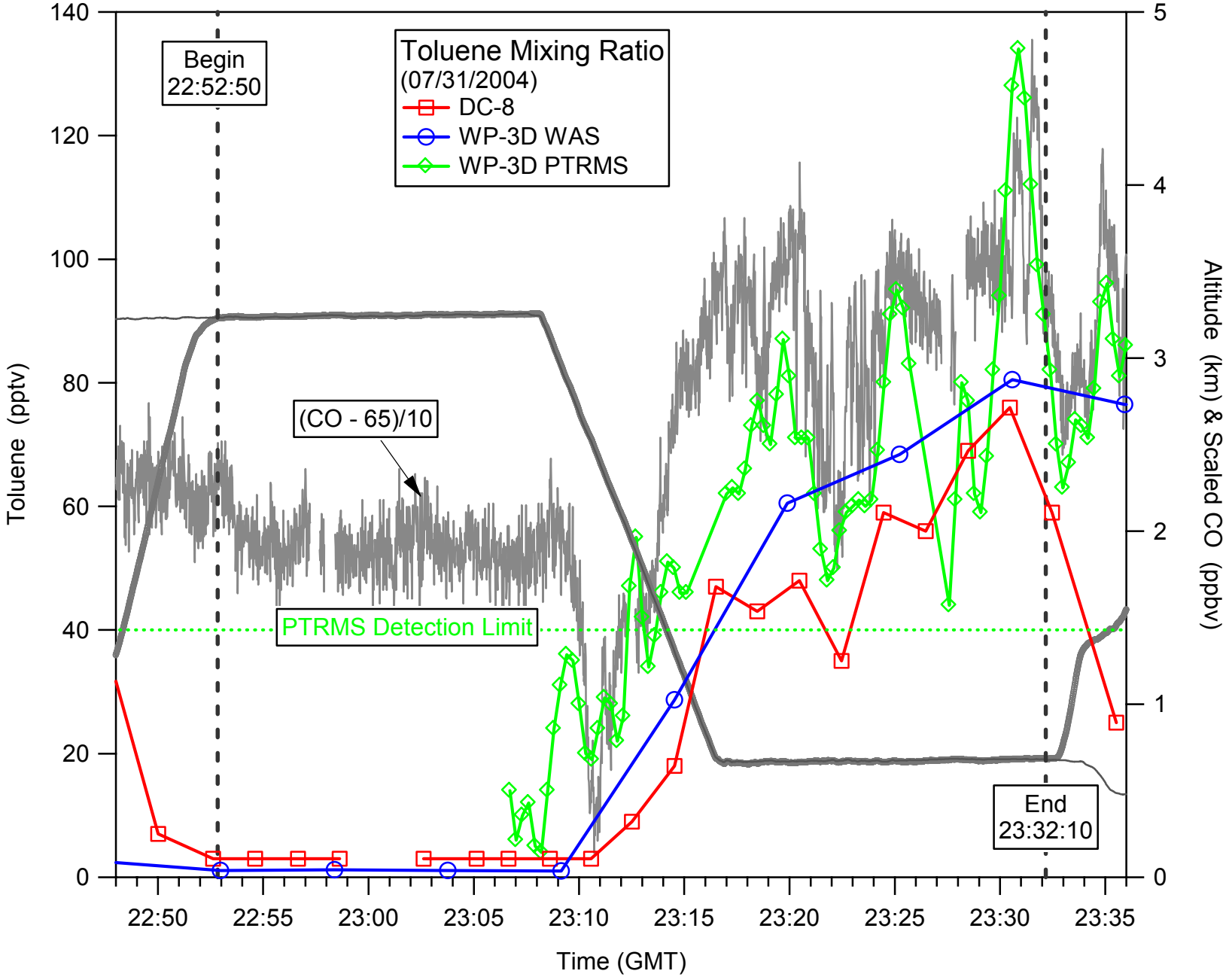

C_3H_6 Mixing Ratio
(07/31/2004)
DC-8
WP-3D
Begin
22:52:50
End
23:32:10
(CO - 65)/10
Detection Limit
C_3H_6 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
0
2
4
6
8
10
12
14
16
18
20
0
1
2
3
4
5
22:50
22:55
23:00
23:05
23:10
23:15
23:20
23:25
23:30
23:35


i-Butane Mixing Ratio
(07/31/2004)
DC-8
WP-3D
Begin
22:52:50
End
23:32:10
(CO - 65)/10
i-C4H10 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
0
10
20
30
40
50
60
0
1
2
3
4
5
22:50
22:55
23:00
23:05
23:10
23:15
23:20
23:25
23:30
23:35


n-Butane Mixing Ratio
(07/31/2004)
DC-8
WP-3D
Begin
22:52:50
End
23:32:10
(CO - 65)/10
n-C4H10 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
0
20
40
60
80
0
1
2
3
4
5
22:50
22:55
23:00
23:05
23:10
23:15
23:20
23:25
23:30
23:35


Isoprene Mixing Ratio
(07/31/2004)
DC-8
WP-3D WAS
WP-3D PTRMS
Begin
22:52:50
End
23:32:10
(CO - 65)/10
PTRMS Detection Limit
DC-8 Detection Limit
Isoprene (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
250
200
150
100
50
0
5
4
3
2
1
0
22:50
22:55
23:00
23:05
23:10
23:15
23:20
23:25
23:30
23:35


Benzene Mixing Ratio
(07/31/2004)
DC-8 GC (UCI)
WP-3D WAS
WP-3D PTRMS
DC-8 PID (ARC)
Begin
22:52:50
End
23:32:10
(CO - 65)/10
PTRMS Detection Limit
Benzene (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
100
80
60
40
20
0
-20
5
4
3
2
1
0
22:50
22:55
23:00
23:05
23:10
23:15
23:20
23:25
23:30
23:35


Toluene Mixing Ratio
(07/31/2004)
DC-8
WP-3D WAS
WP-3D PTRMS
Begin
22:52:50
End
23:32:10
(CO - 65)/10
PTRMS Detection Limit
Toluene (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
0
20
40
60
80
100
120
140
0
1
2
3
4
5
22:50
22:55
23:00
23:05
23:10
23:15
23:20
23:25
23:30
23:35