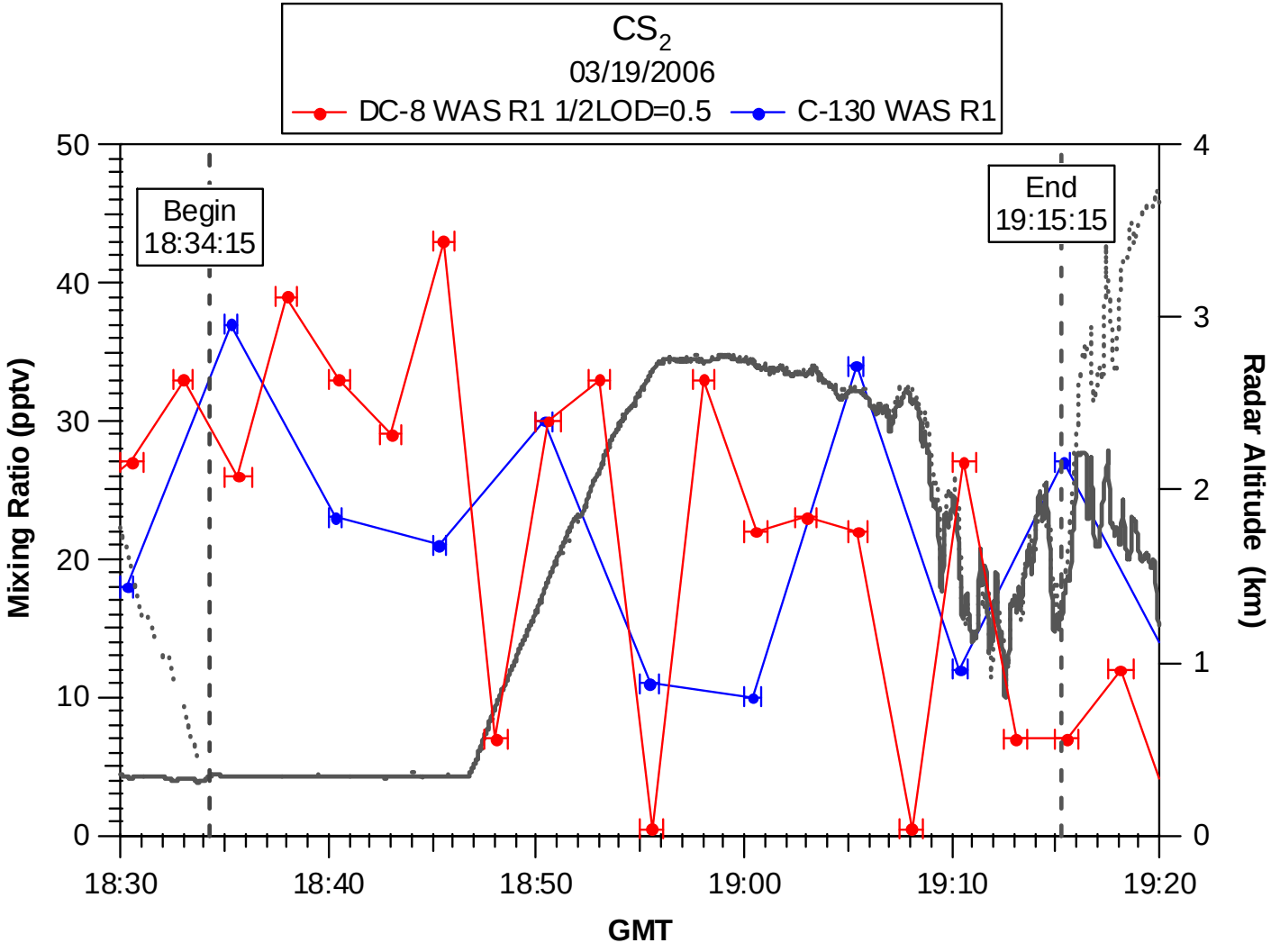
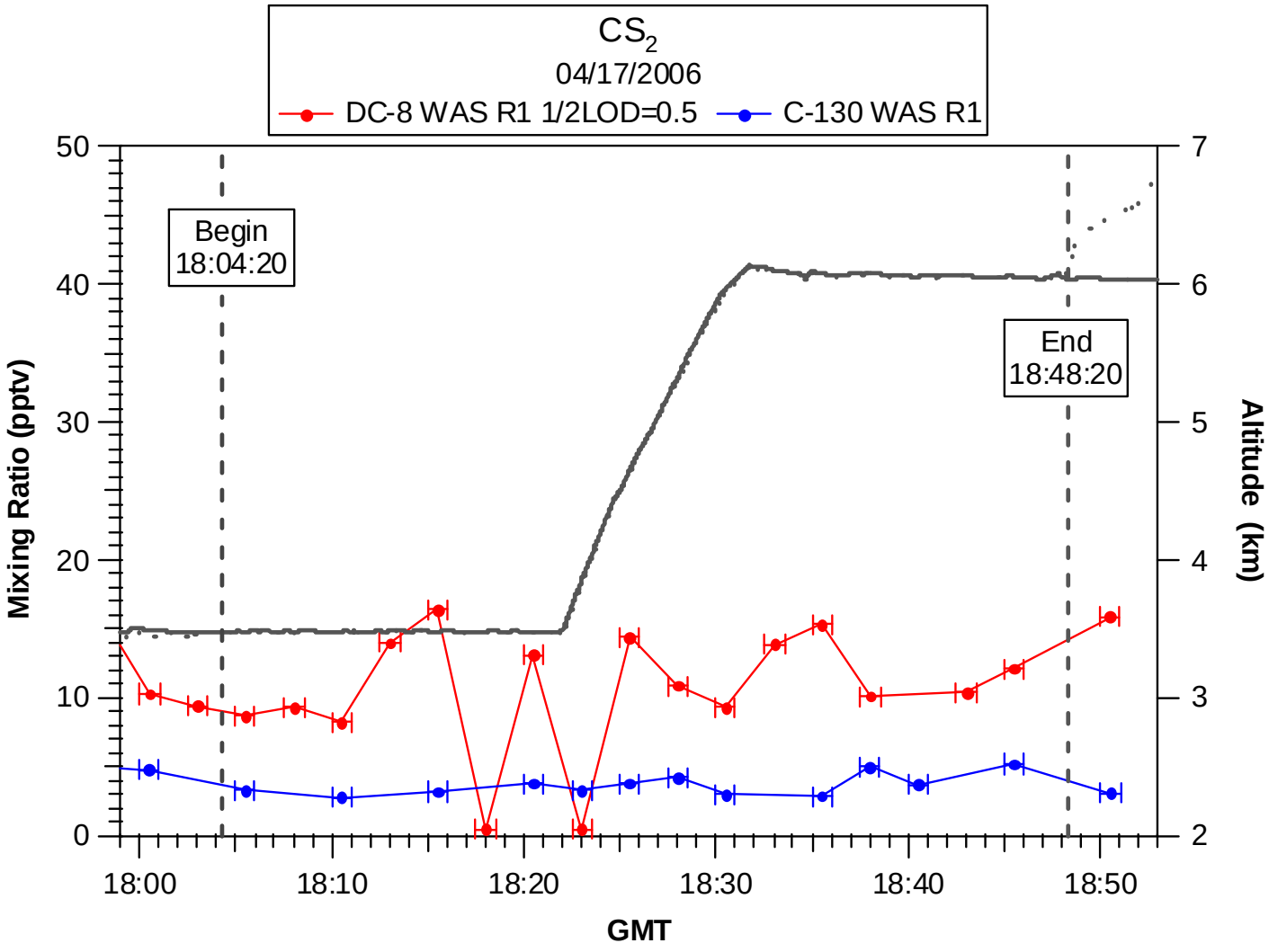
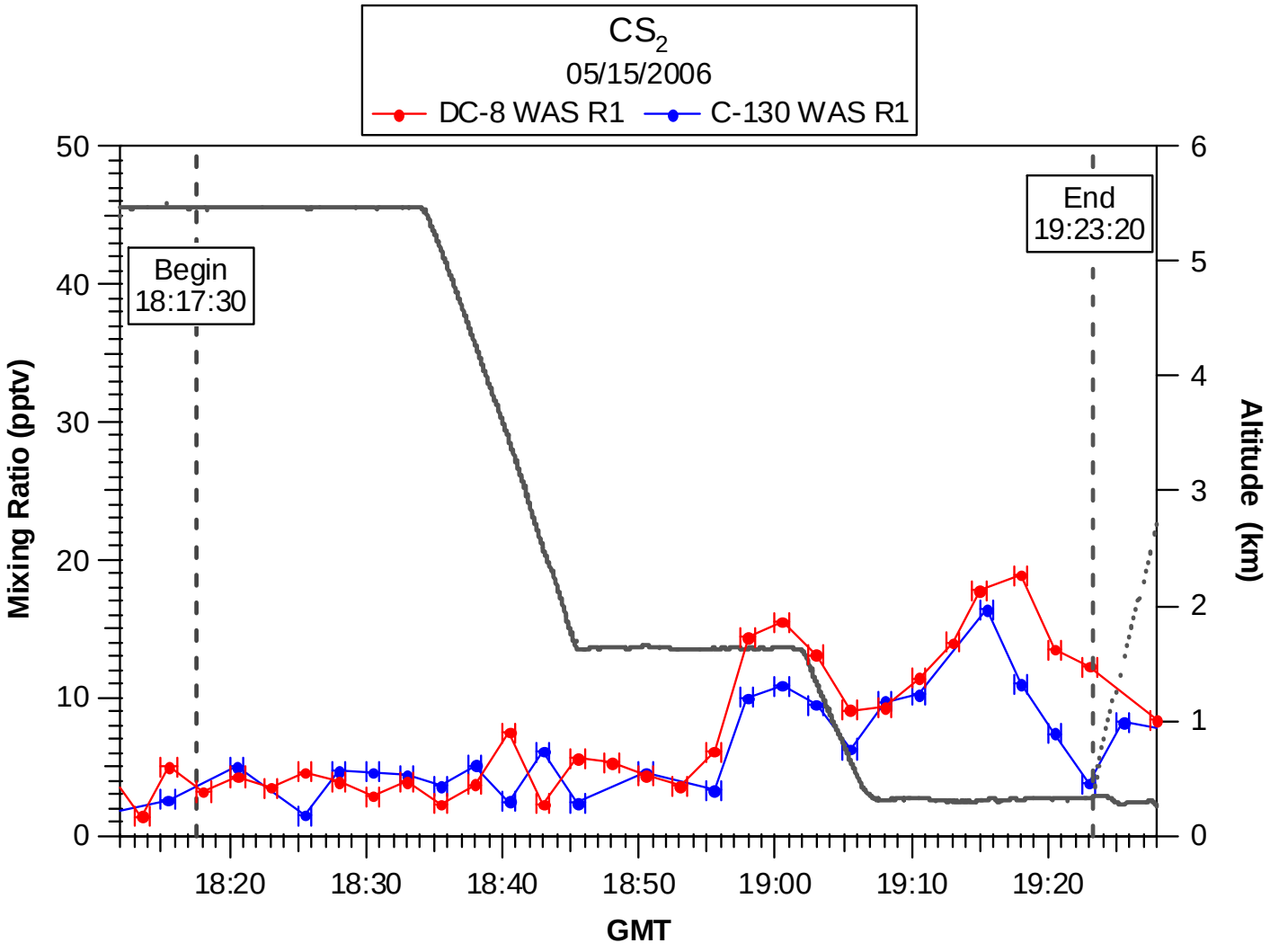
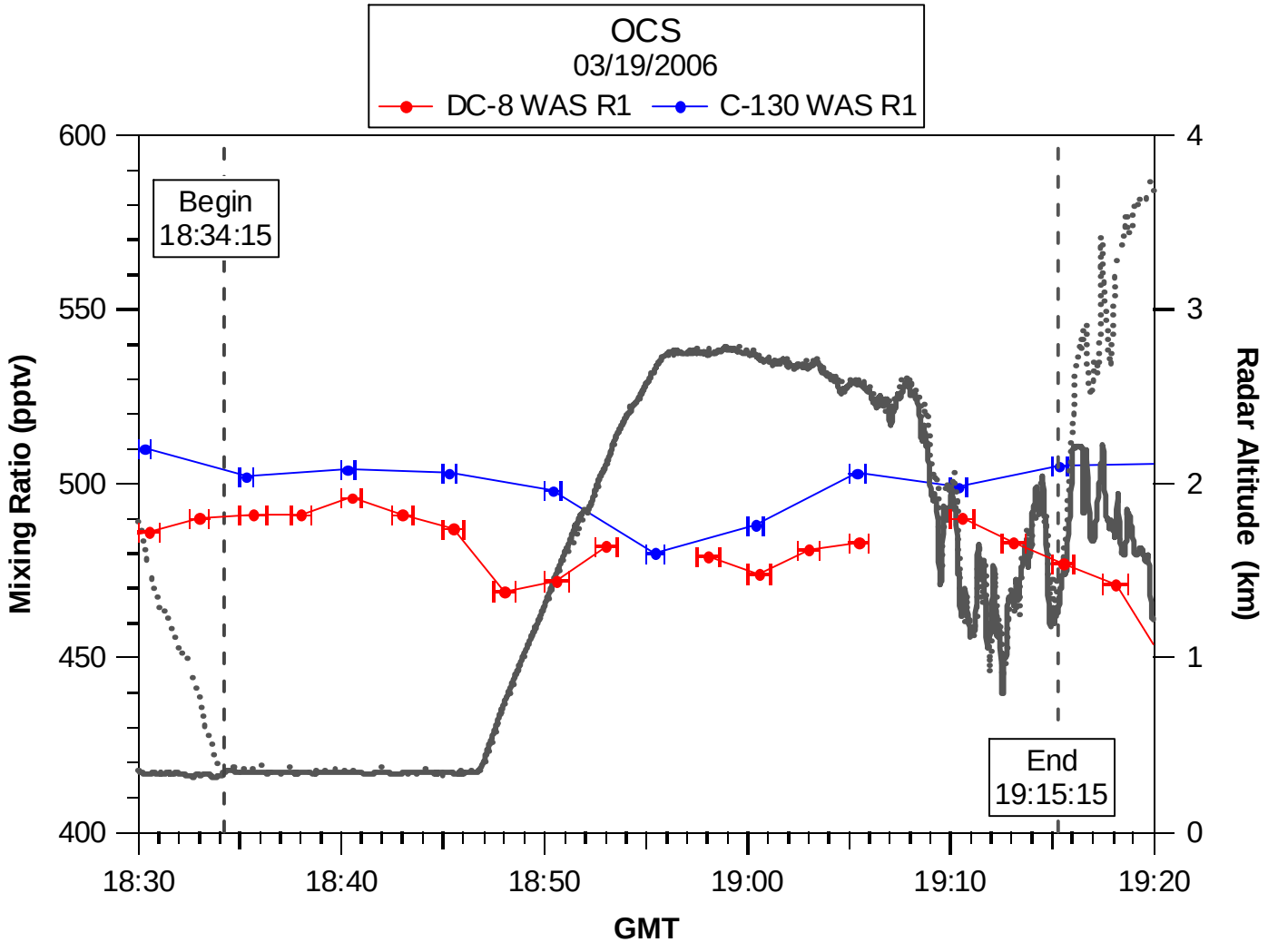
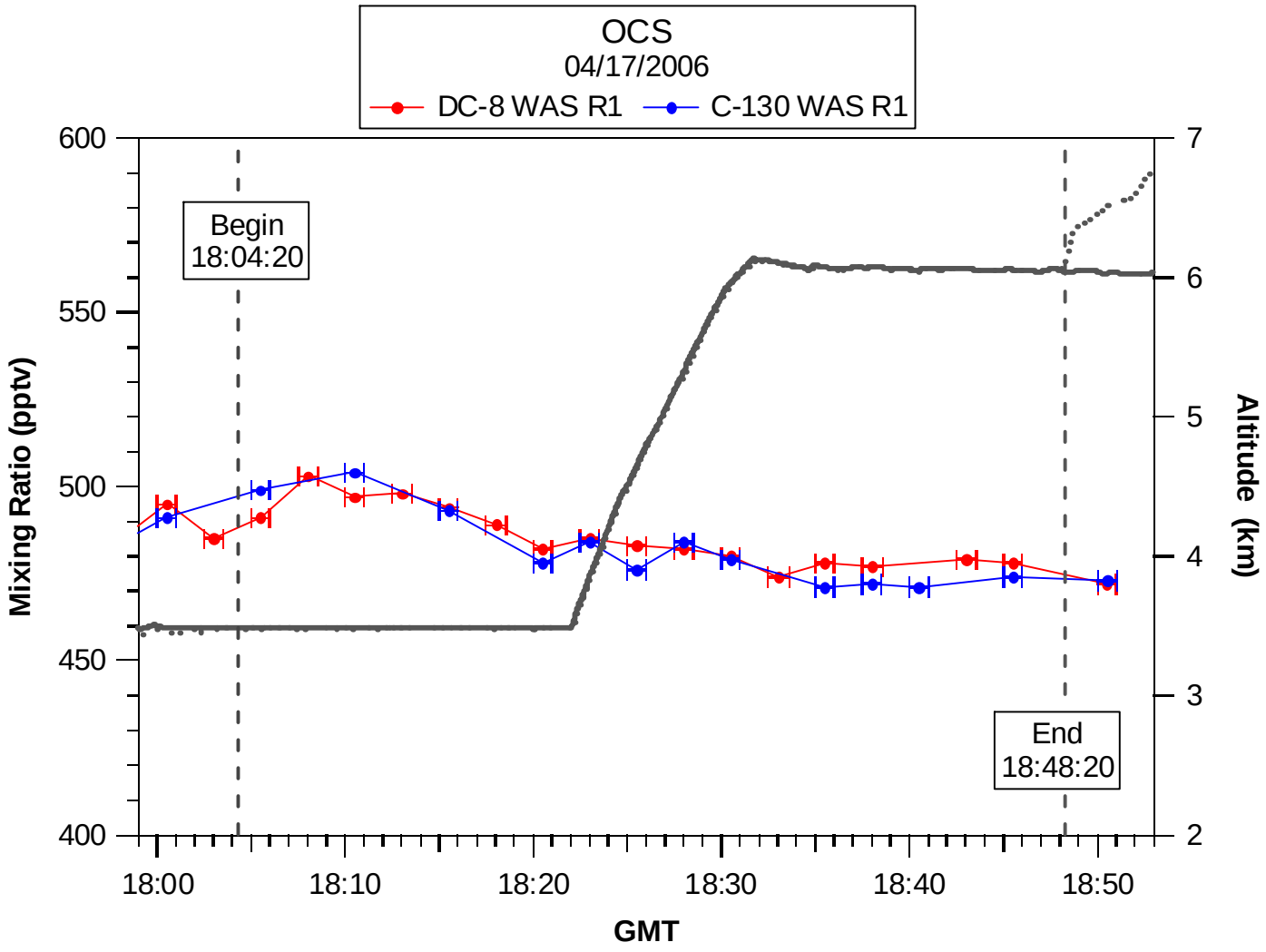
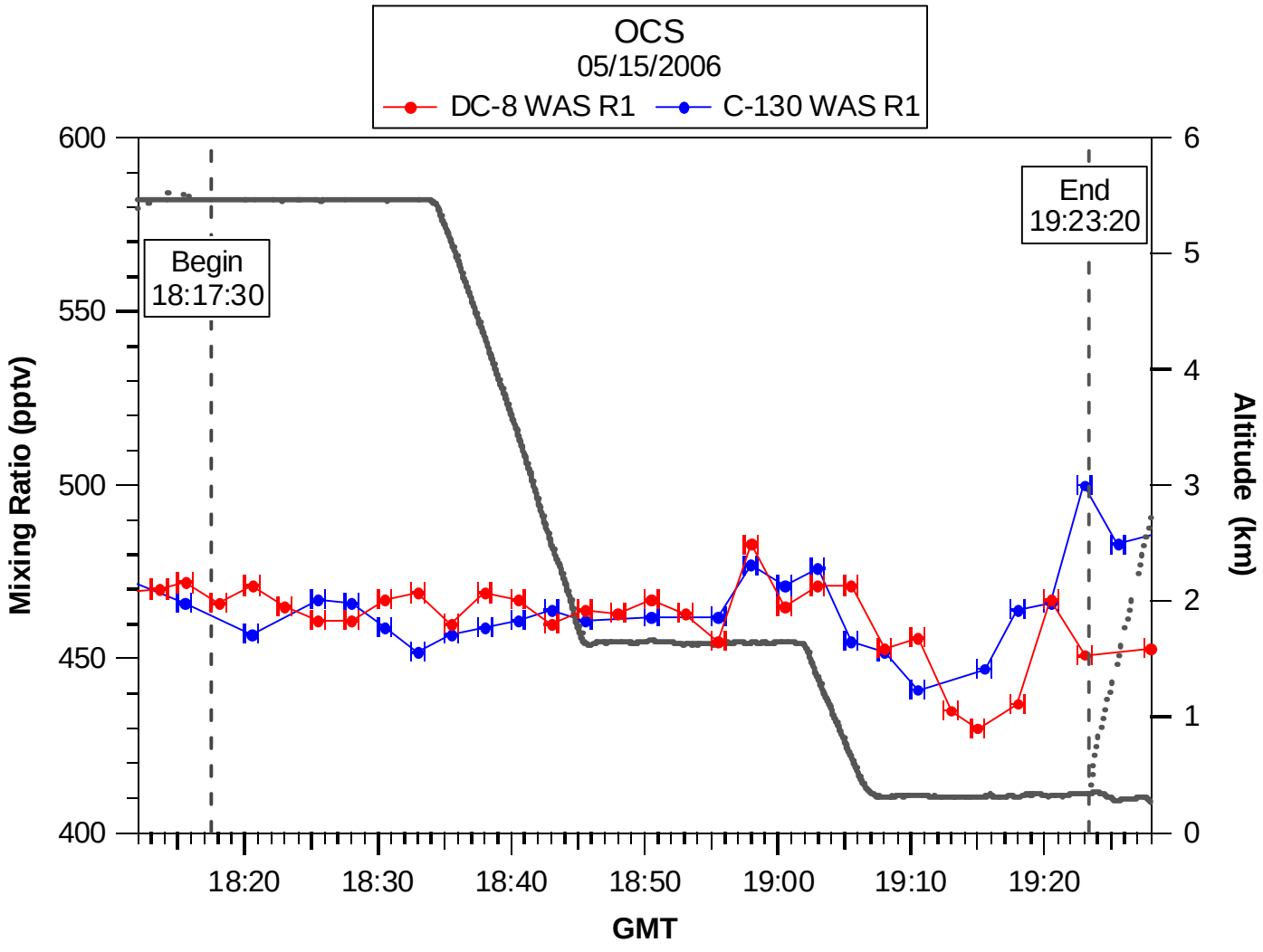

CS2
03/19/2006
DC-8 WAS R1 1/2LOD=0.5
C-130 WAS R1
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
10
20
30
40
50
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

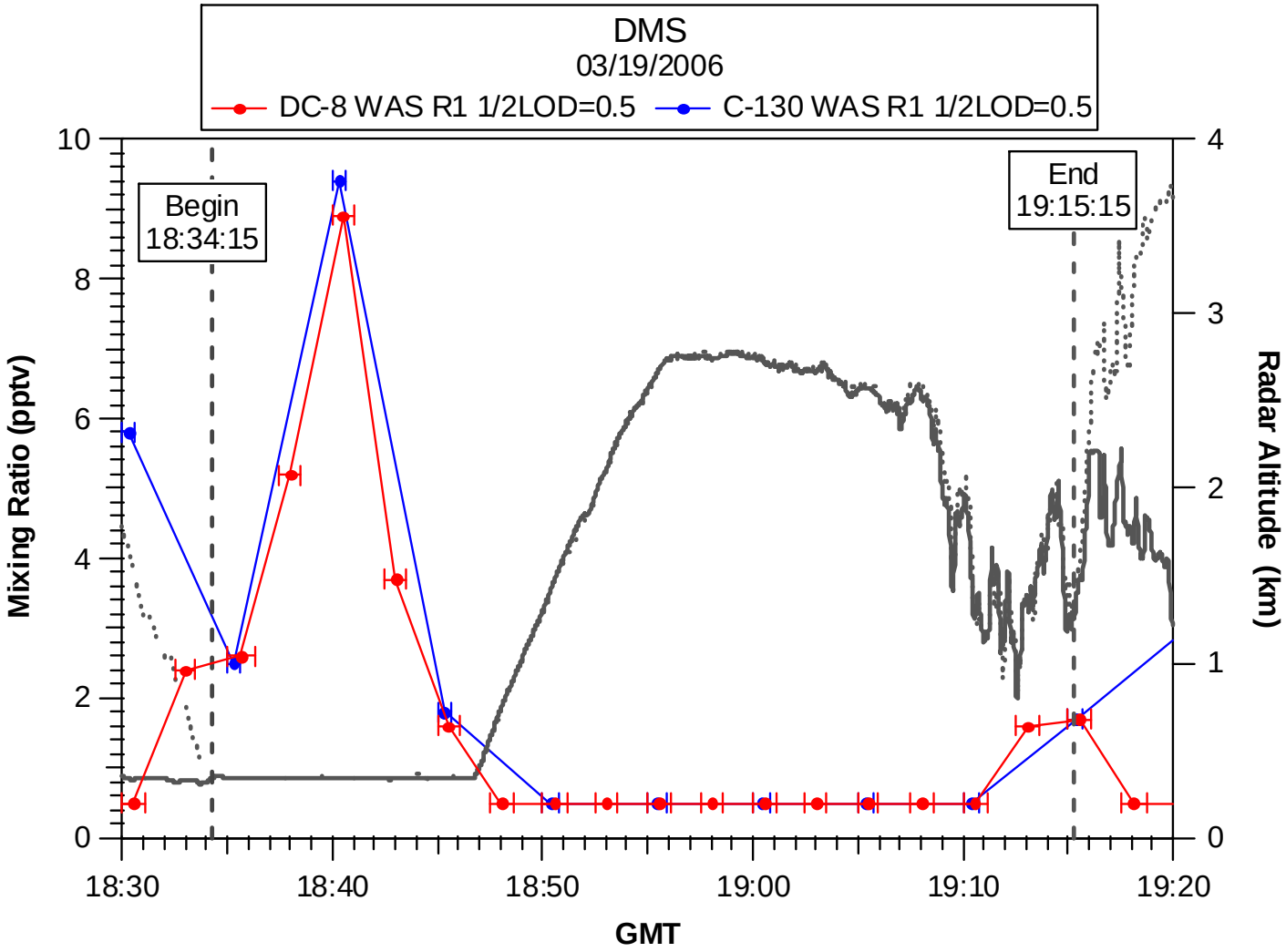

CS2
04/17/2006
DC-8 WAS R1 1/2LOD=0.5
C-130 WAS R1
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
10
20
30
40
50
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

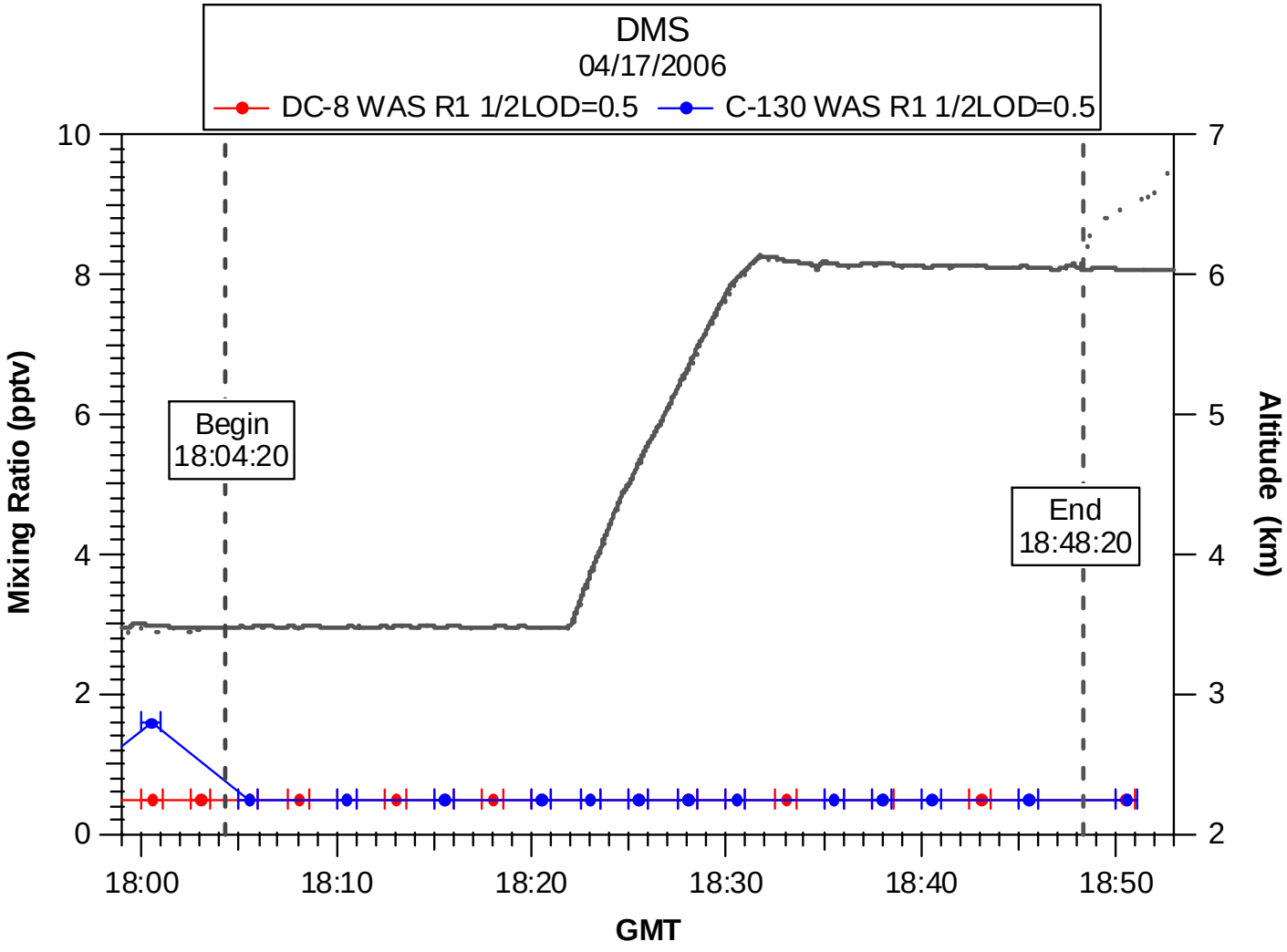

CS2
05/15/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
10
20
30
40
50
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

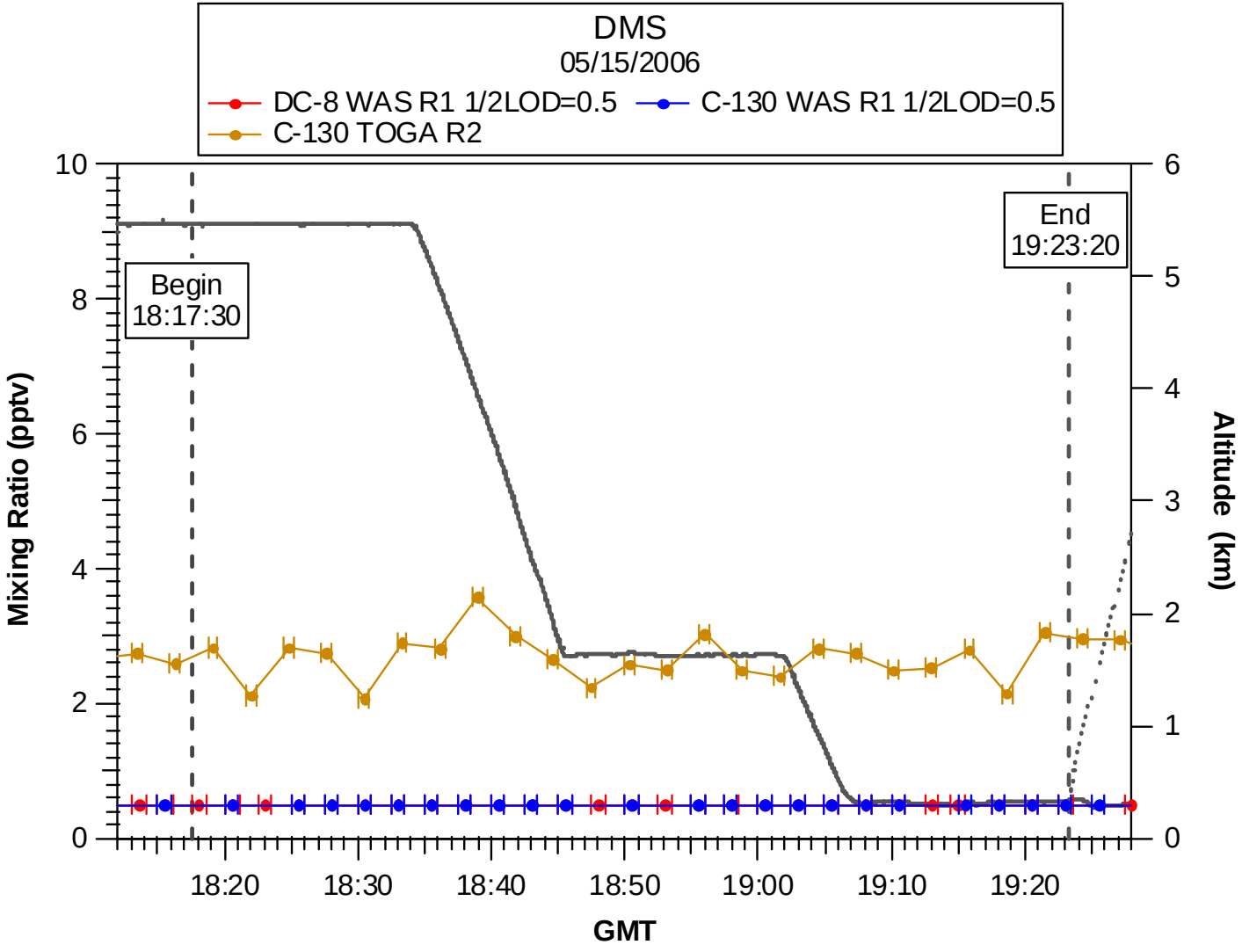

OCS
03/19/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
600
550
500
450
400
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

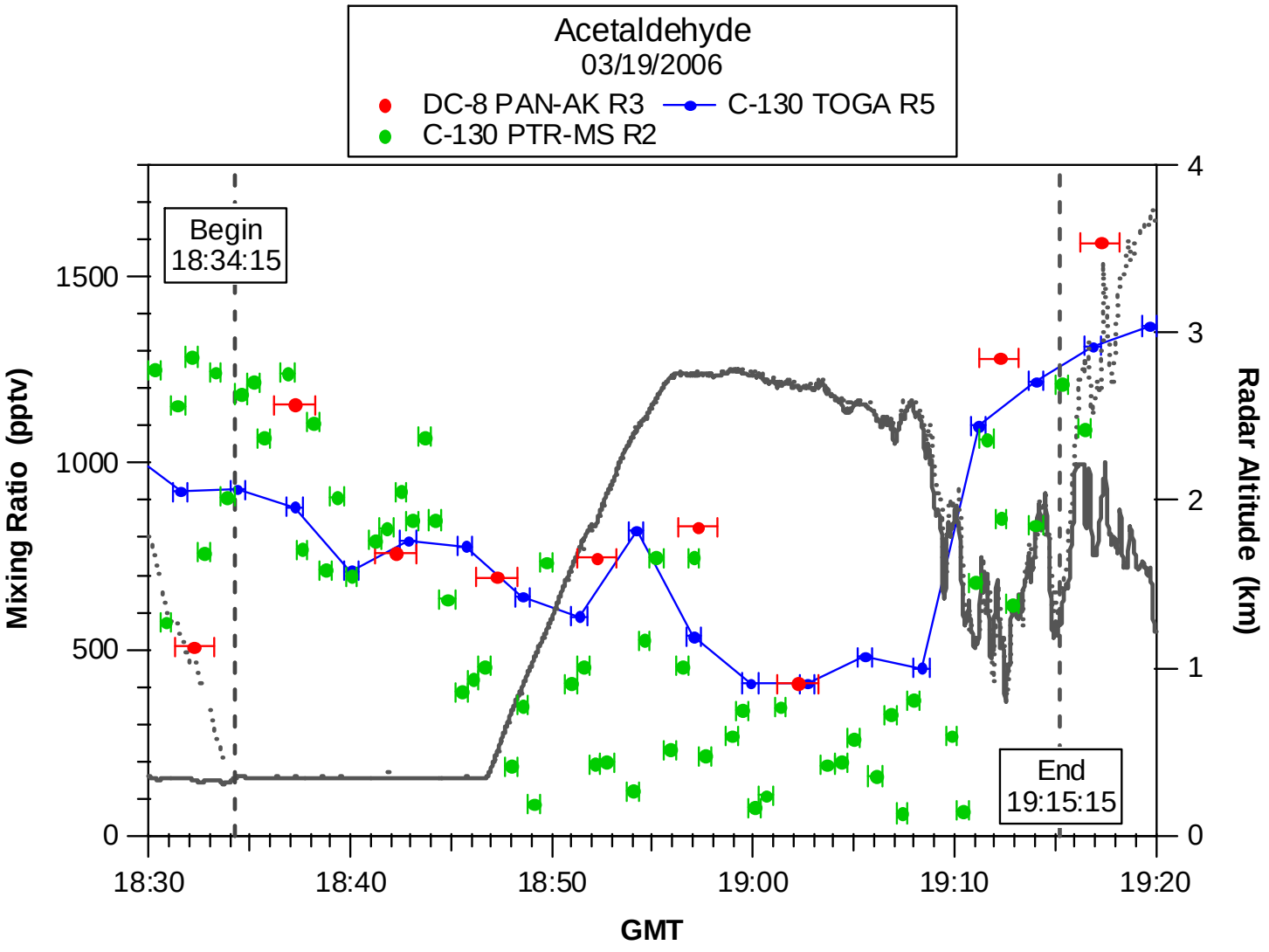

OCS
04/17/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
600
550
500
450
400
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

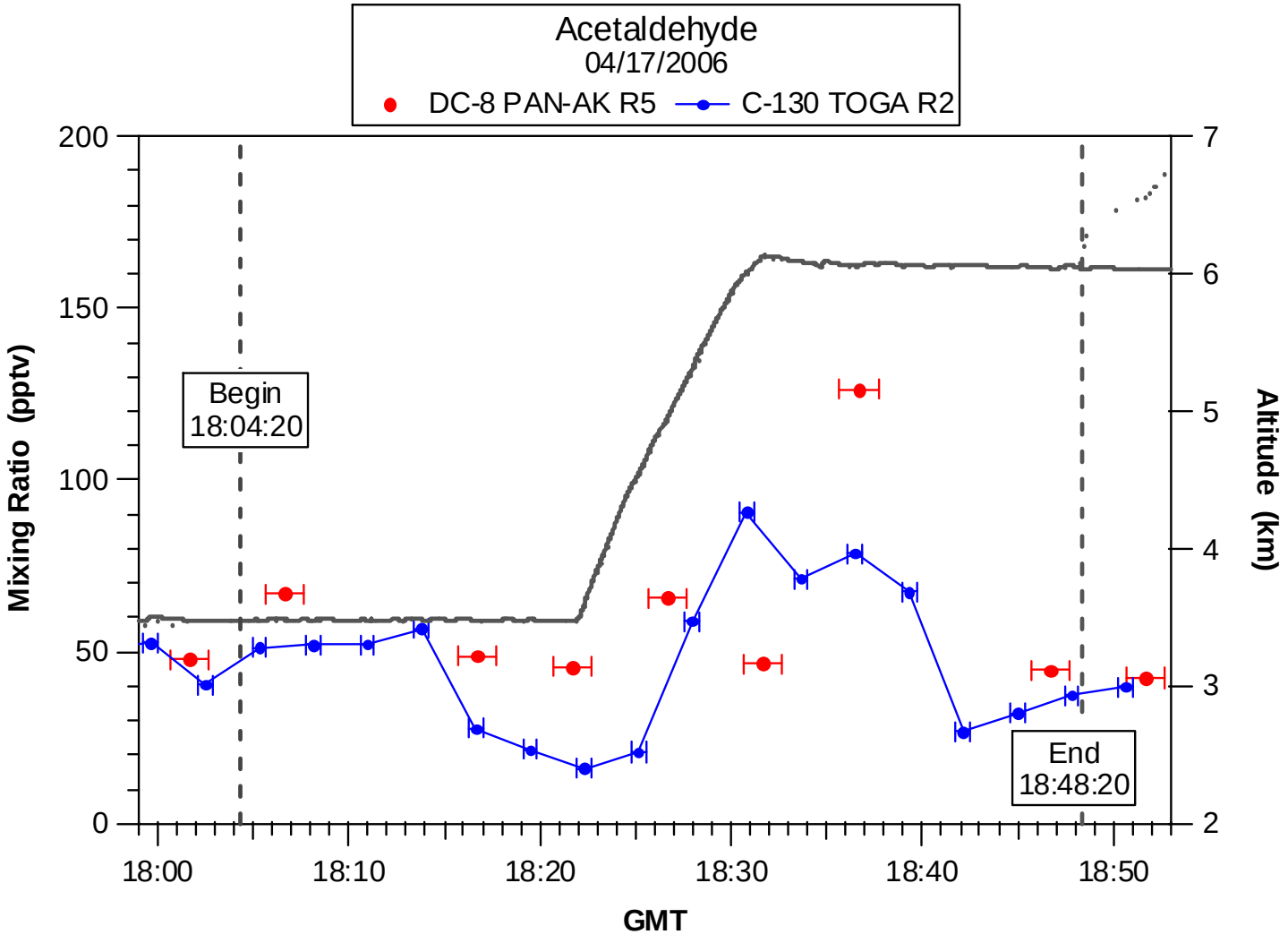

OCS
05/15/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
600
550
500
450
400
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

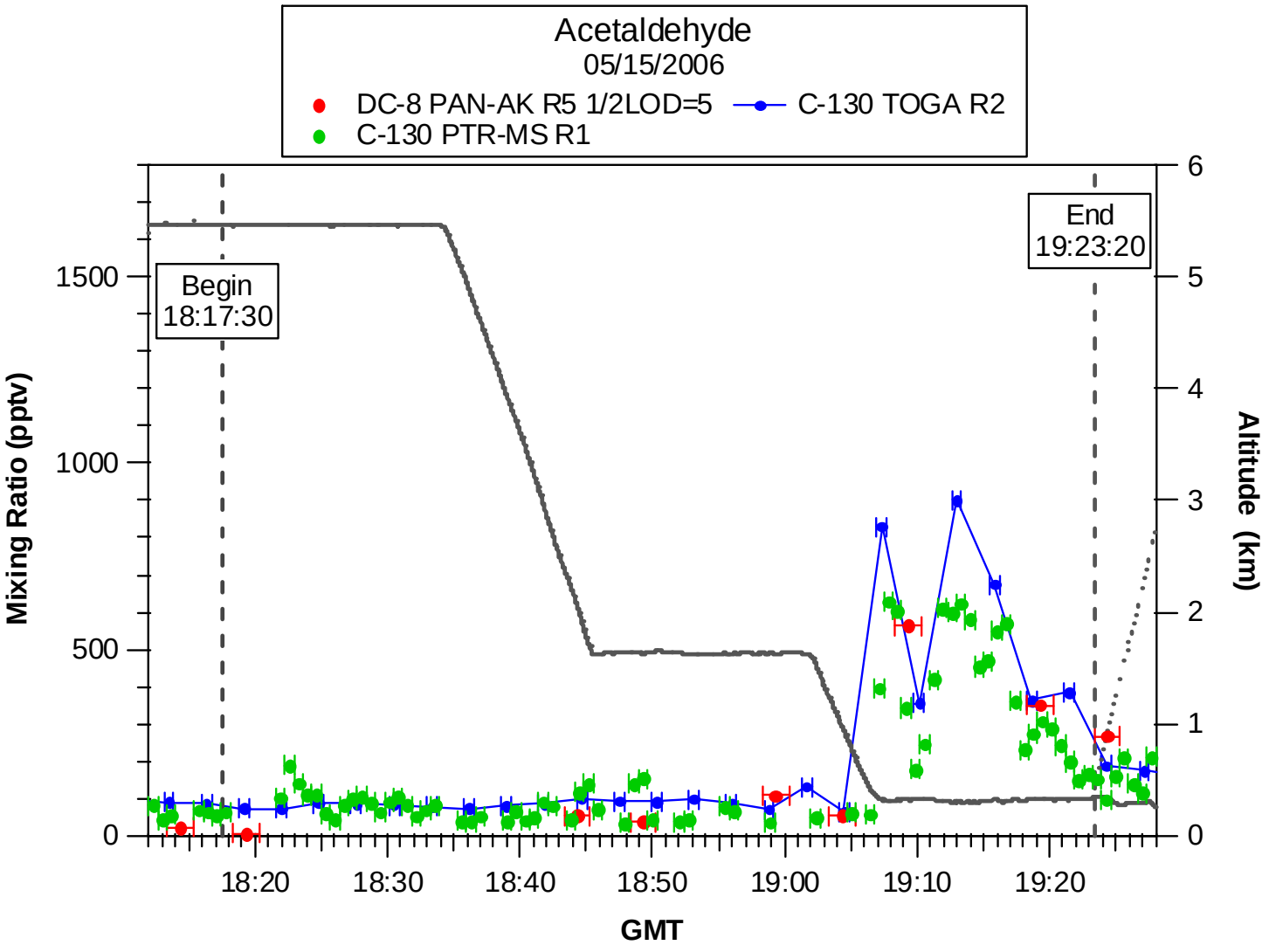

DMS
03/19/2006
DC-8 WAS R1 1/2LOD=0.5
C-130 WAS R1 1/2LOD=0.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
2
4
6
8
10
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

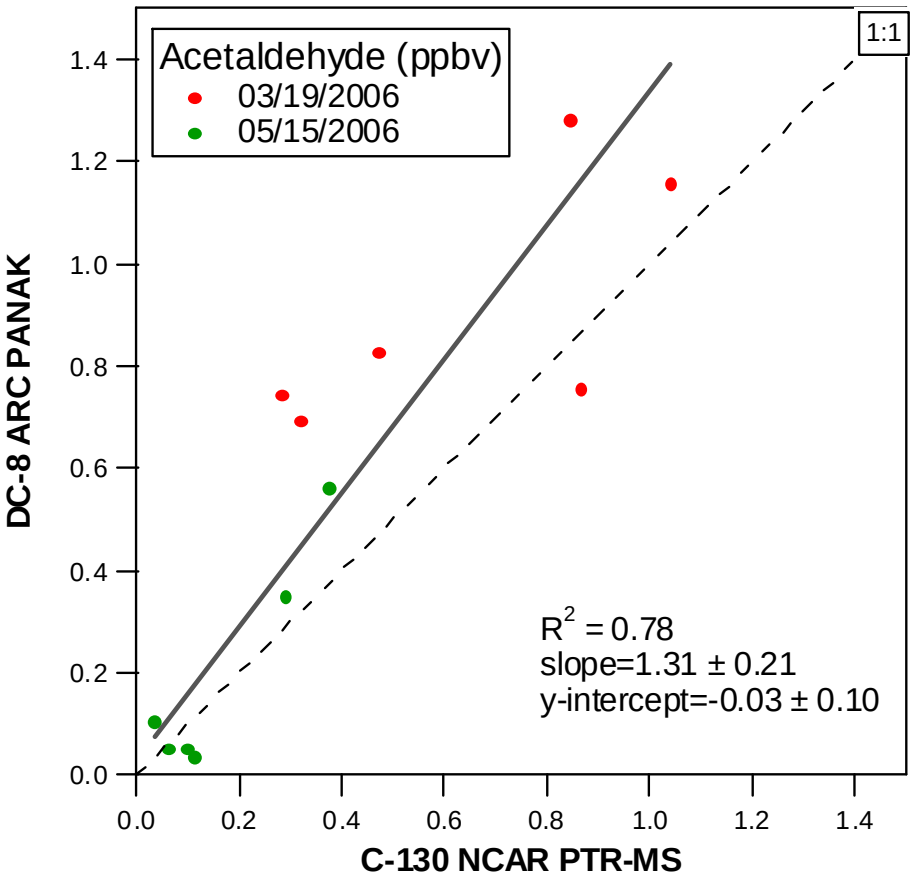

DMS
04/17/2006
DC-8 WAS R1 1/2LOD=0.5
C-130 WAS R1 1/2LOD=0.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

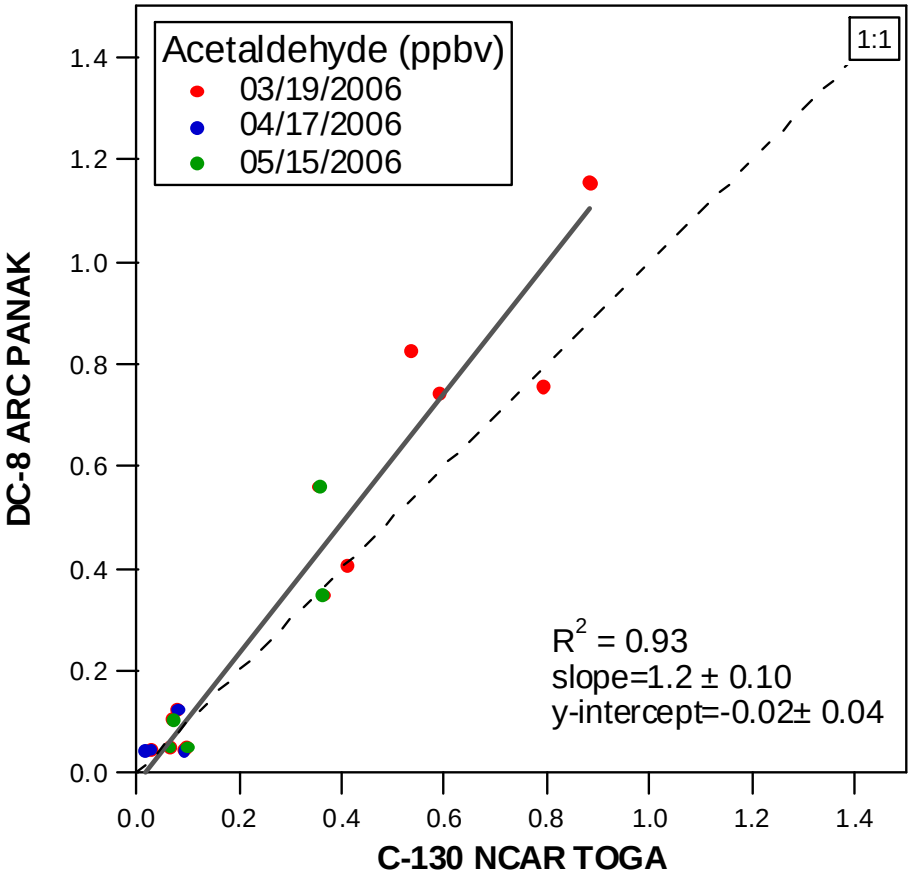

DMS
05/15/2006
DC-8 WAS R1 1/2LOD=0.5
C-130 WAS R1 1/2LOD=0.5
C-130 TOGA R2
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

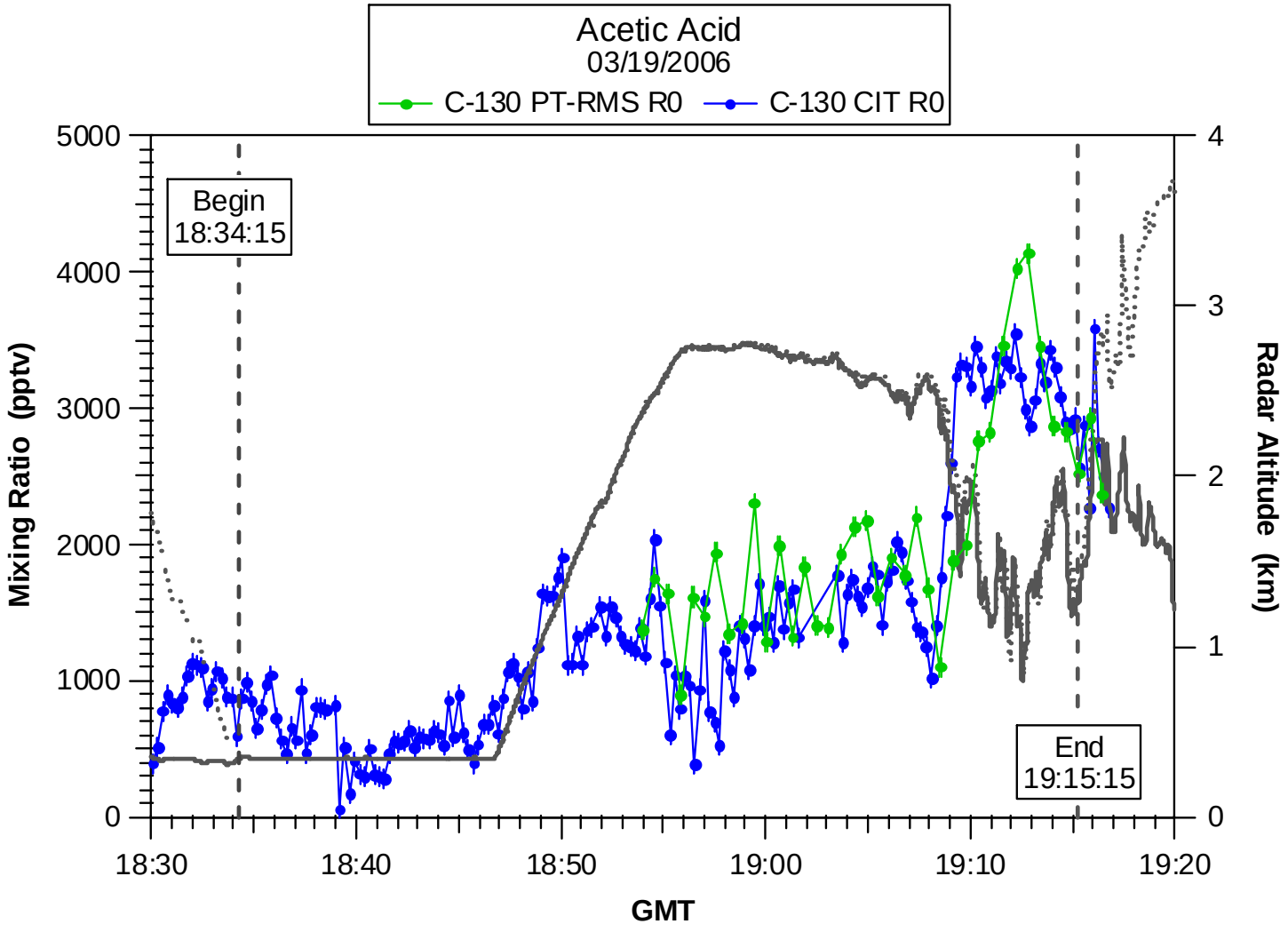

Acetaldehyde
03/19/2006
DC-8 PAN-AK R3
C-130 TOGA R5
C-130 PTR-MS R2
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
500
1000
1500
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

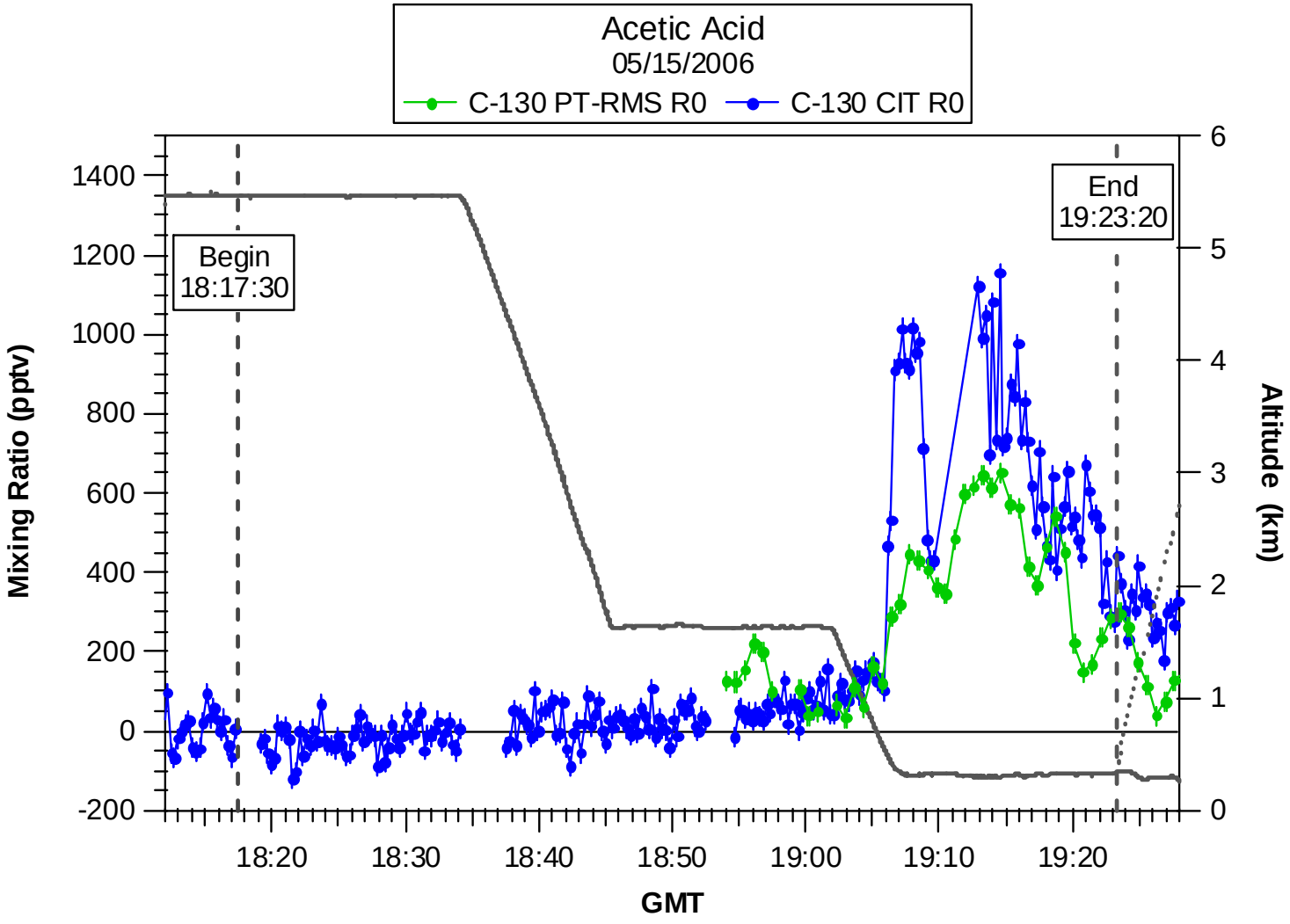

Acetaldehyde
04/17/2006
DC-8 PAN-AK R5
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
200
150
100
50
0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

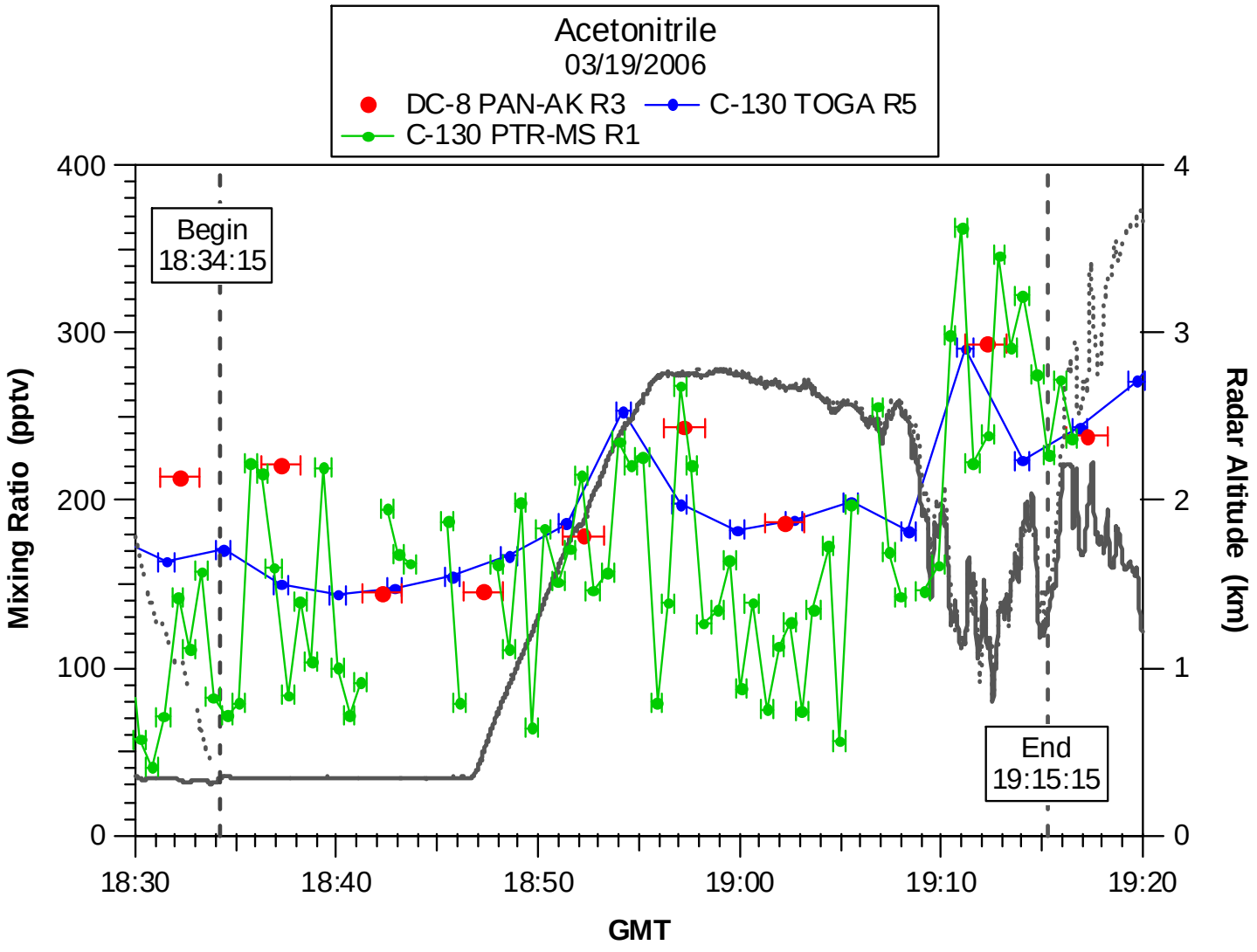

Acetaldehyde
05/15/2006
DC-8 PAN-AK R5 1/2LOD=5
C-130 TOGA R2
C-130 PTR-MS R1
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
500
1000
1500
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

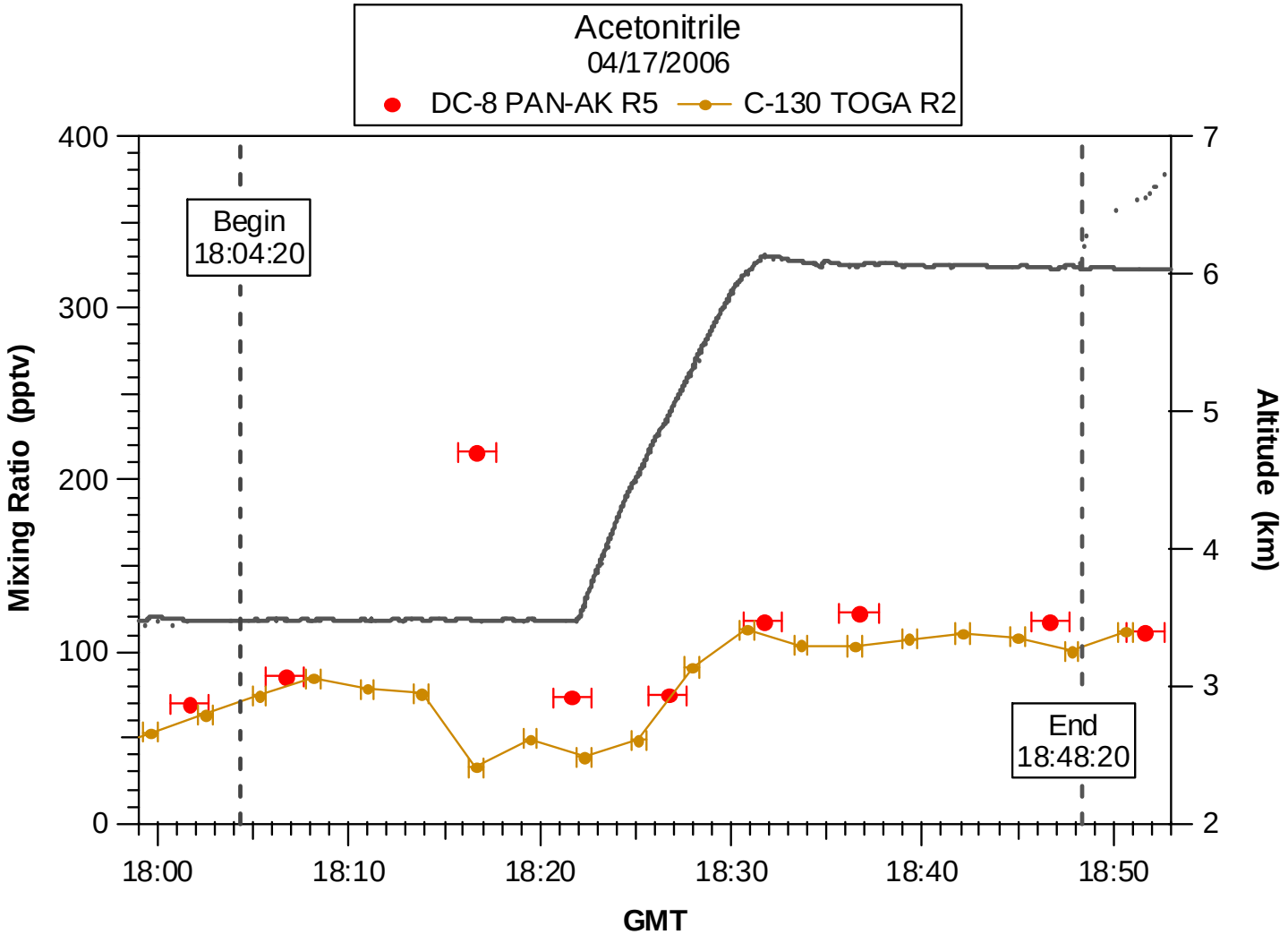

Acetaldehyde (ppbv)
03/19/2006
05/15/2006
1:1
R^2 = 0.78
slope=1.31 ± 0.21
y-intercept=-0.03 ± 0.10
DC-8 ARC PANAK
C-130 NCAR PTR-MS
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4

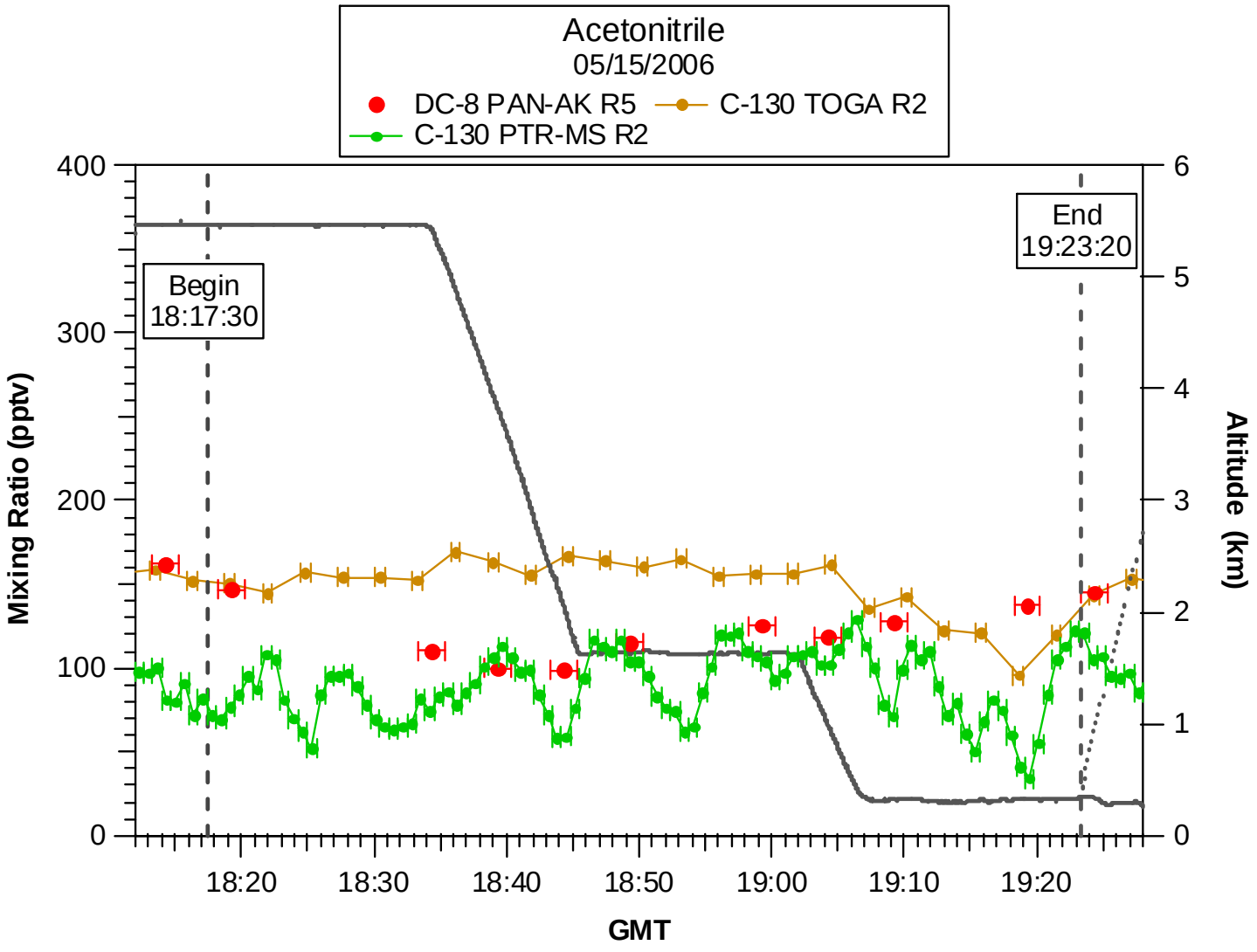

Acetaldehyde (ppbv)
03/19/2006
04/17/2006
05/15/2006
1:1
R^2 = 0.93
slope=1.2 ± 0.10
y-intercept=-0.02± 0.04
DC-8 ARC PANAK
C-130 NCAR TOGA
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4

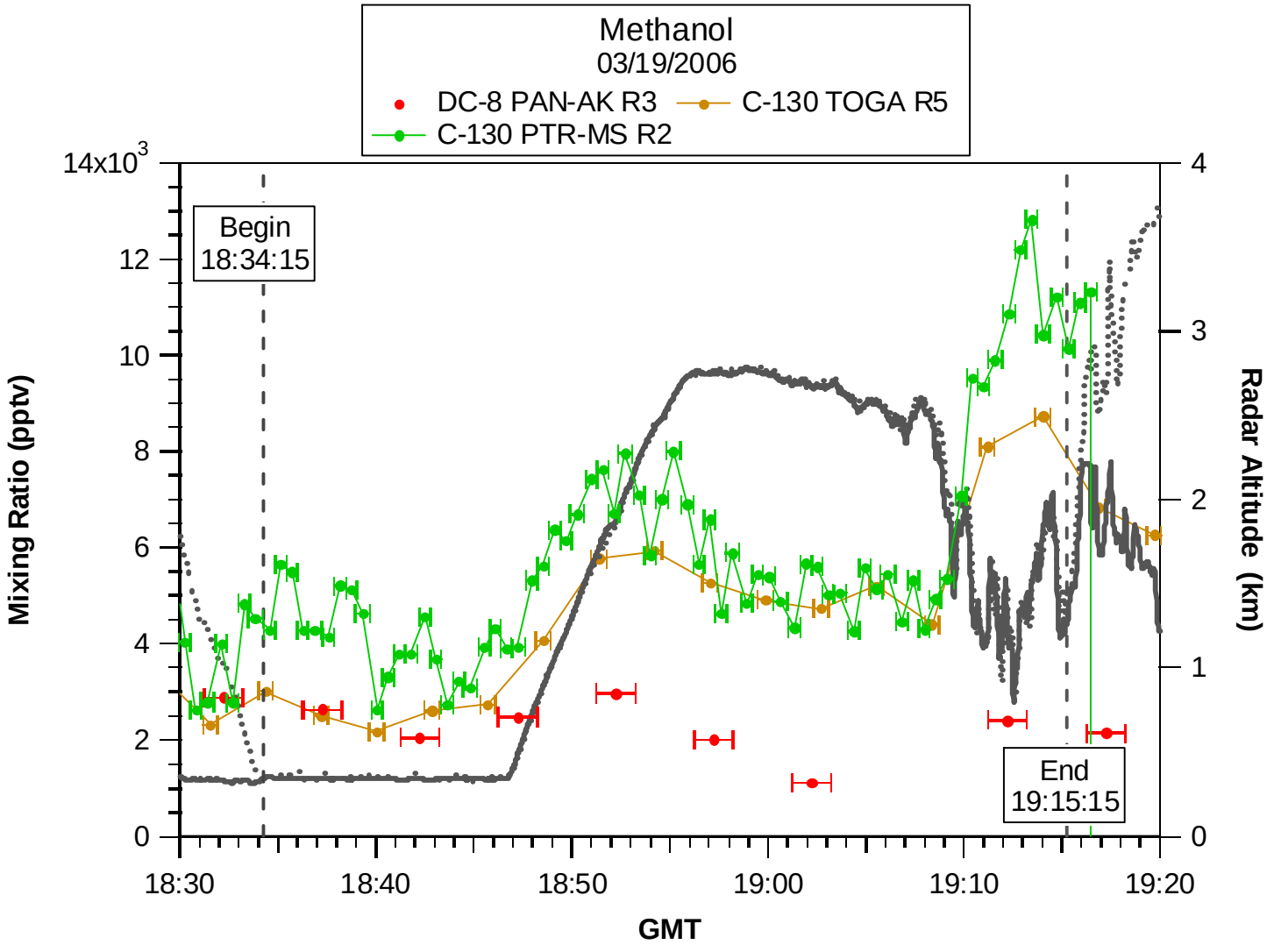

Acetic Acid
03/19/2006
C-130 PT-RMS R0
C-130 CIT R0
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
5000
4000
3000
2000
1000
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

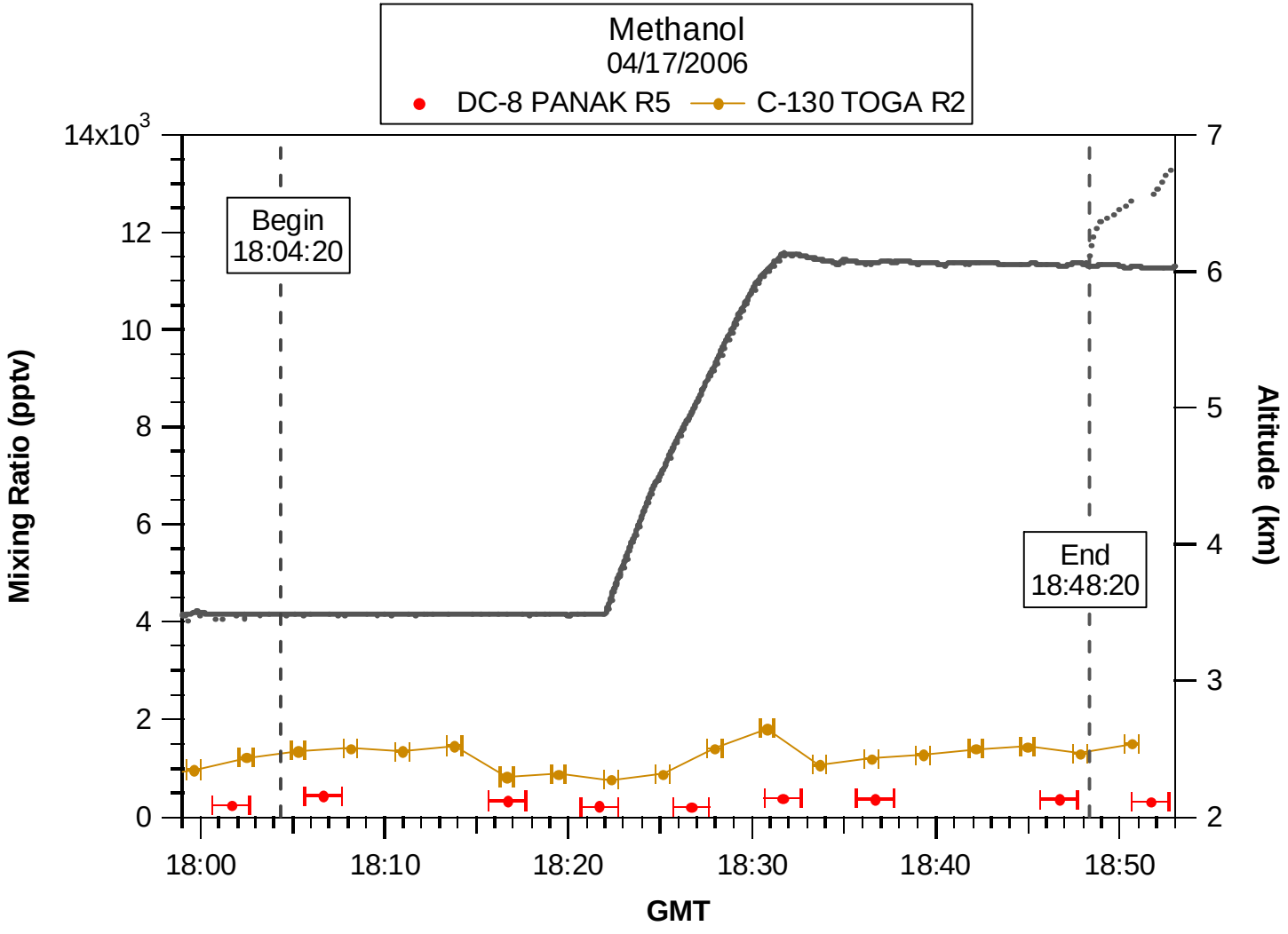

Acetic Acid
05/15/2006
C-130 PT-RMS R0
C-130 CIT R0
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
1400
1200
1000
800
600
400
200
0
-200
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

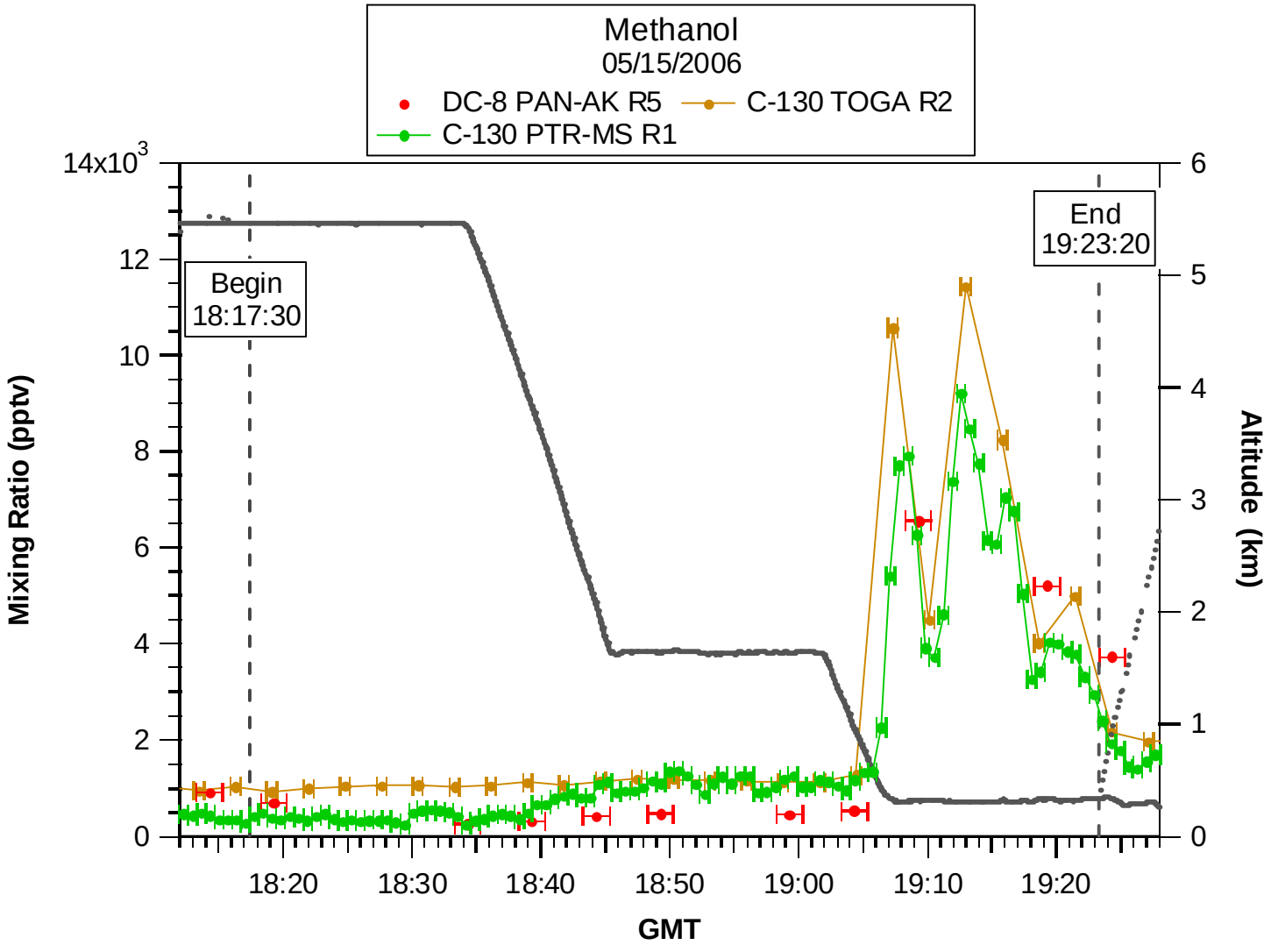

Acetonitrile
03/19/2006
DC-8 PAN-AK R3
C-130 TOGA R5
C-130 PTR-MS R1
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
400
300
200
100
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

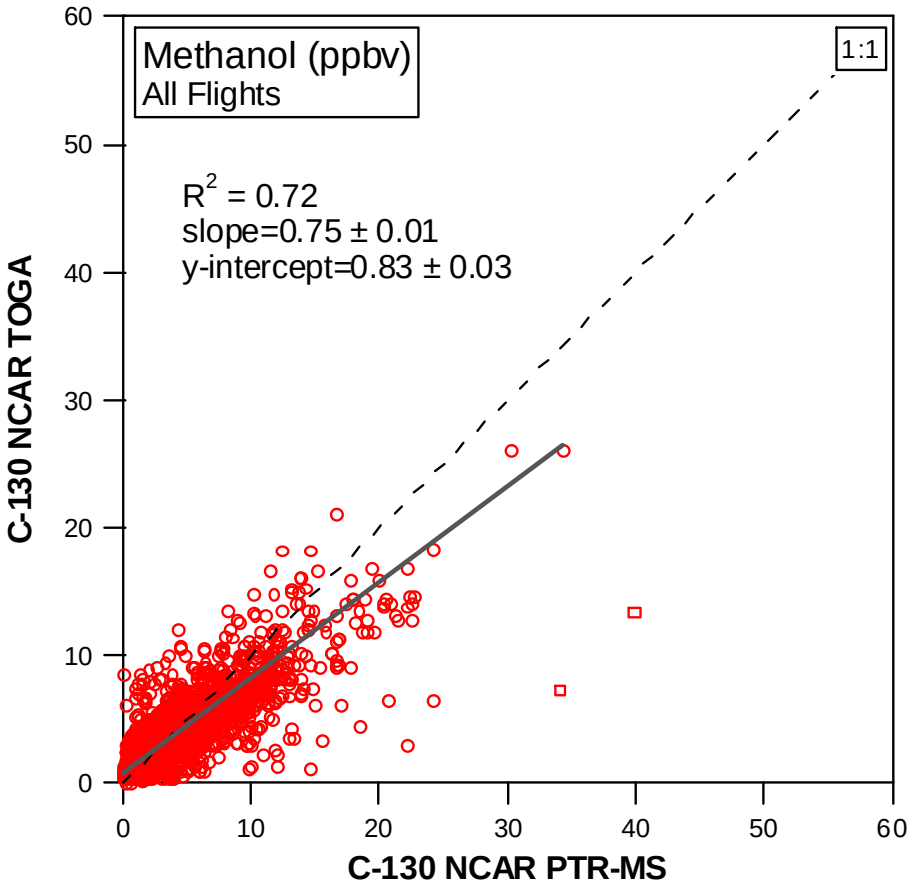

Acetonitrile
04/17/2006
DC-8 PAN-AK R5
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
400
300
200
100
0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

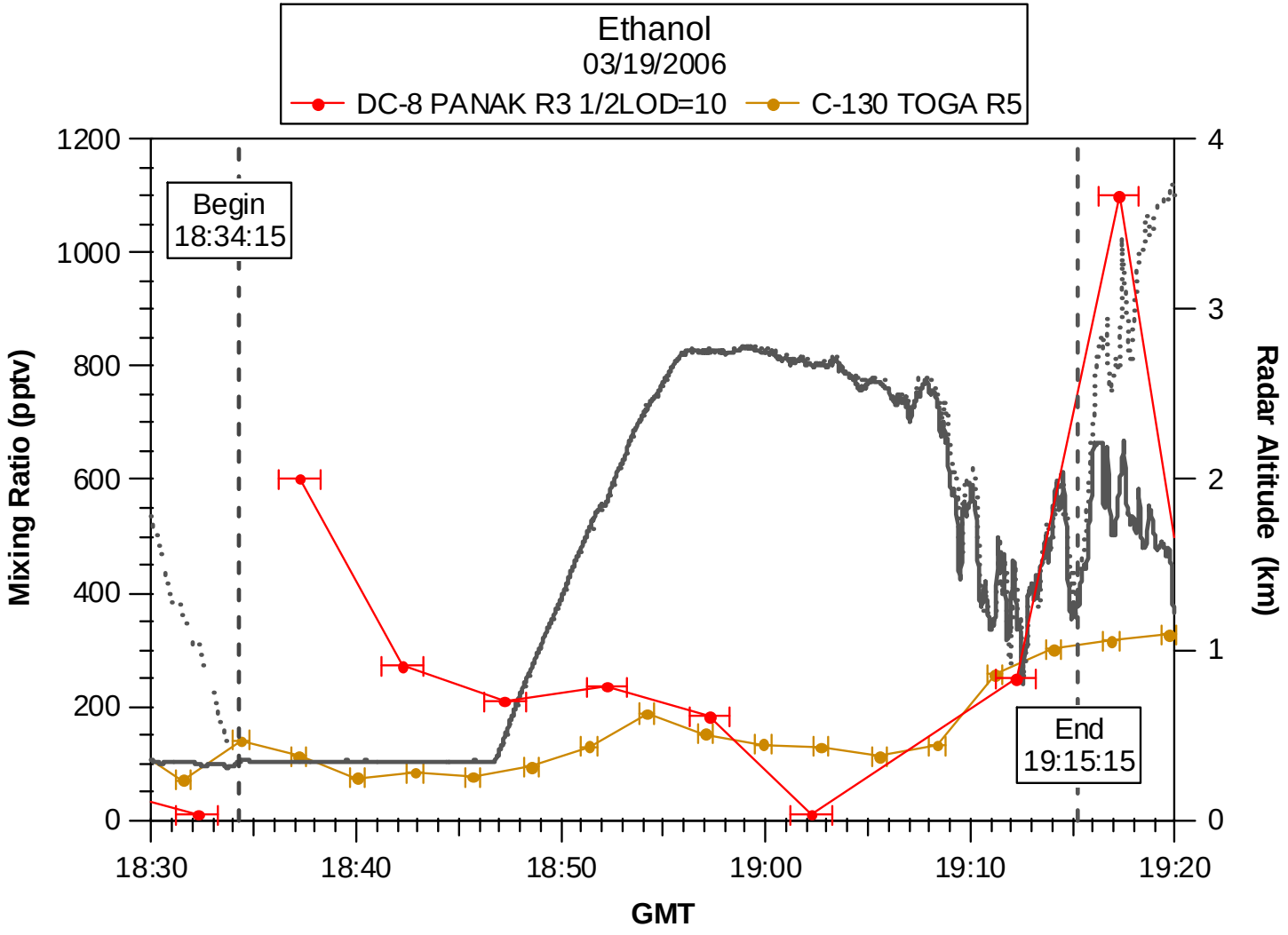

Acetonitrile
05/15/2006
DC-8 PAN-AK R5
C-130 TOGA R2
C-130 PTR-MS R2
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
400
300
200
100
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

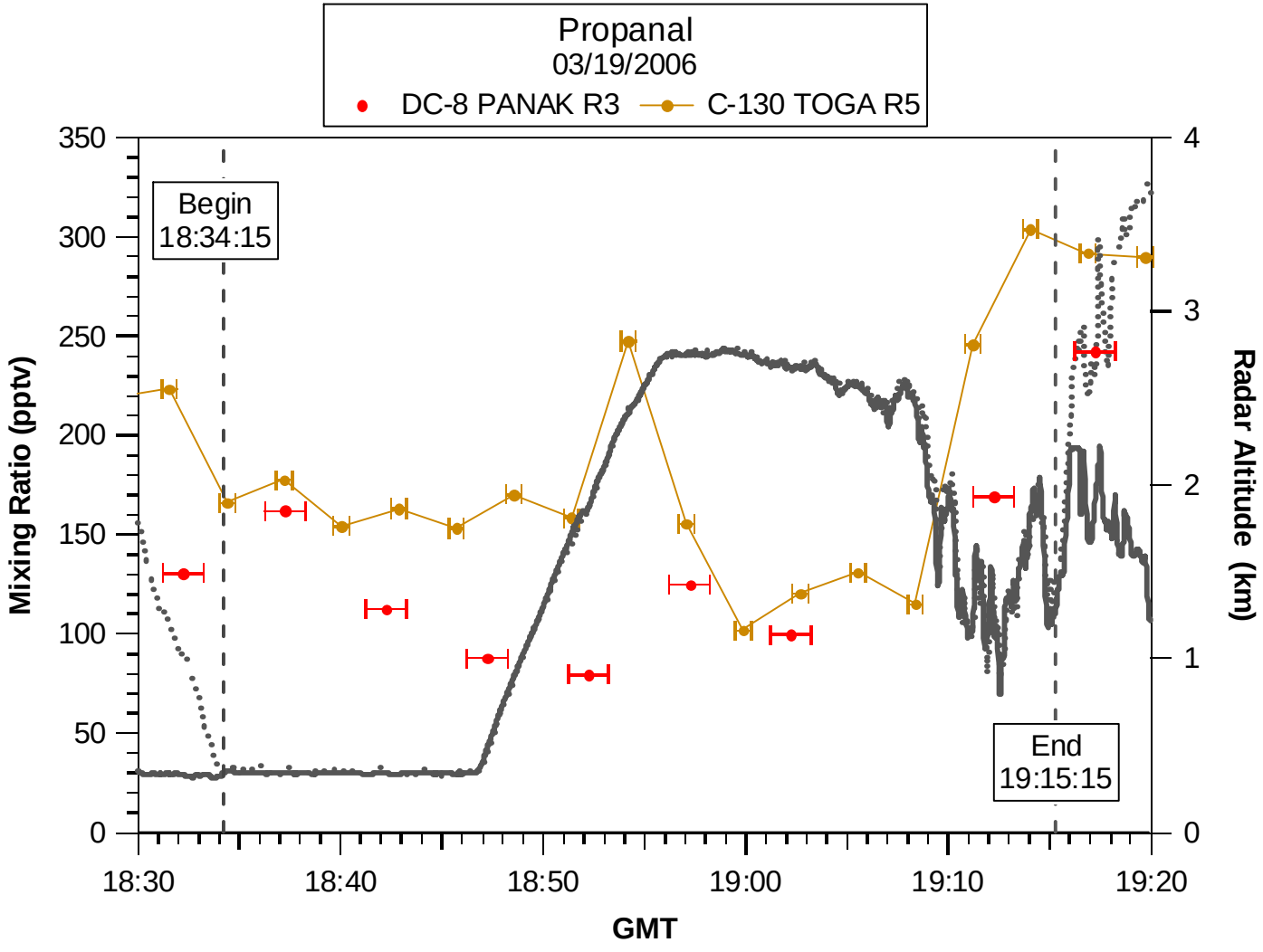

Methanol
03/19/2006
DC-8 PAN-AK R3
C-130 TOGA R5
C-130 PTR-MS R2
Begin
18:34:15
End
19:15:15
14x10^3
12
10
8
6
4
2
0
Mixing Ratio (pptv)
4
3
2
1
0
Radar Altitude (km)
18:30
18:40
18:50
19:00
19:10
19:20
GMT

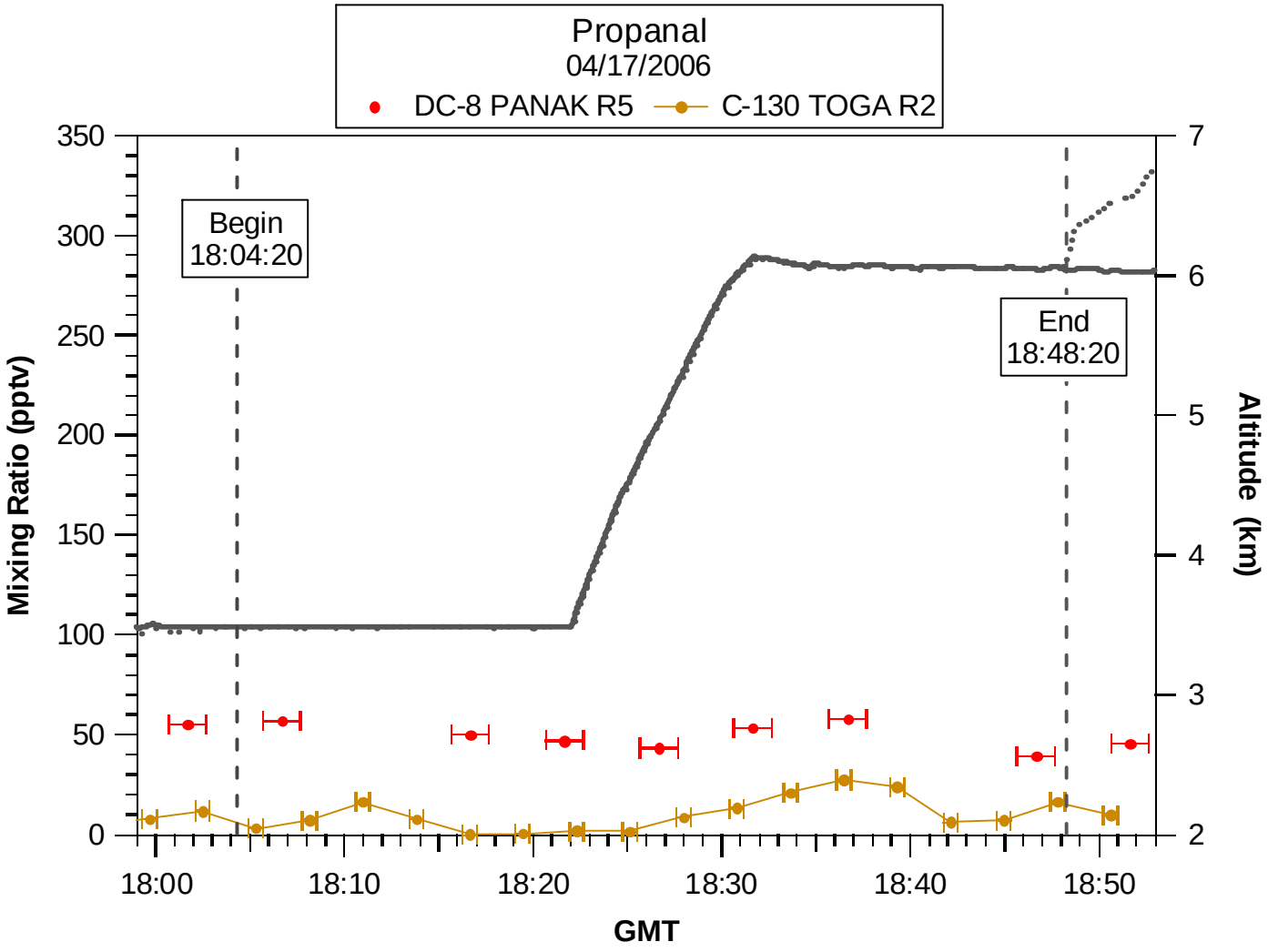

Methanol
04/17/2006
DC-8 PANAK R5
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
14x10^3
12
10
8
6
4
2
0
Altitude (km)
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50
GMT

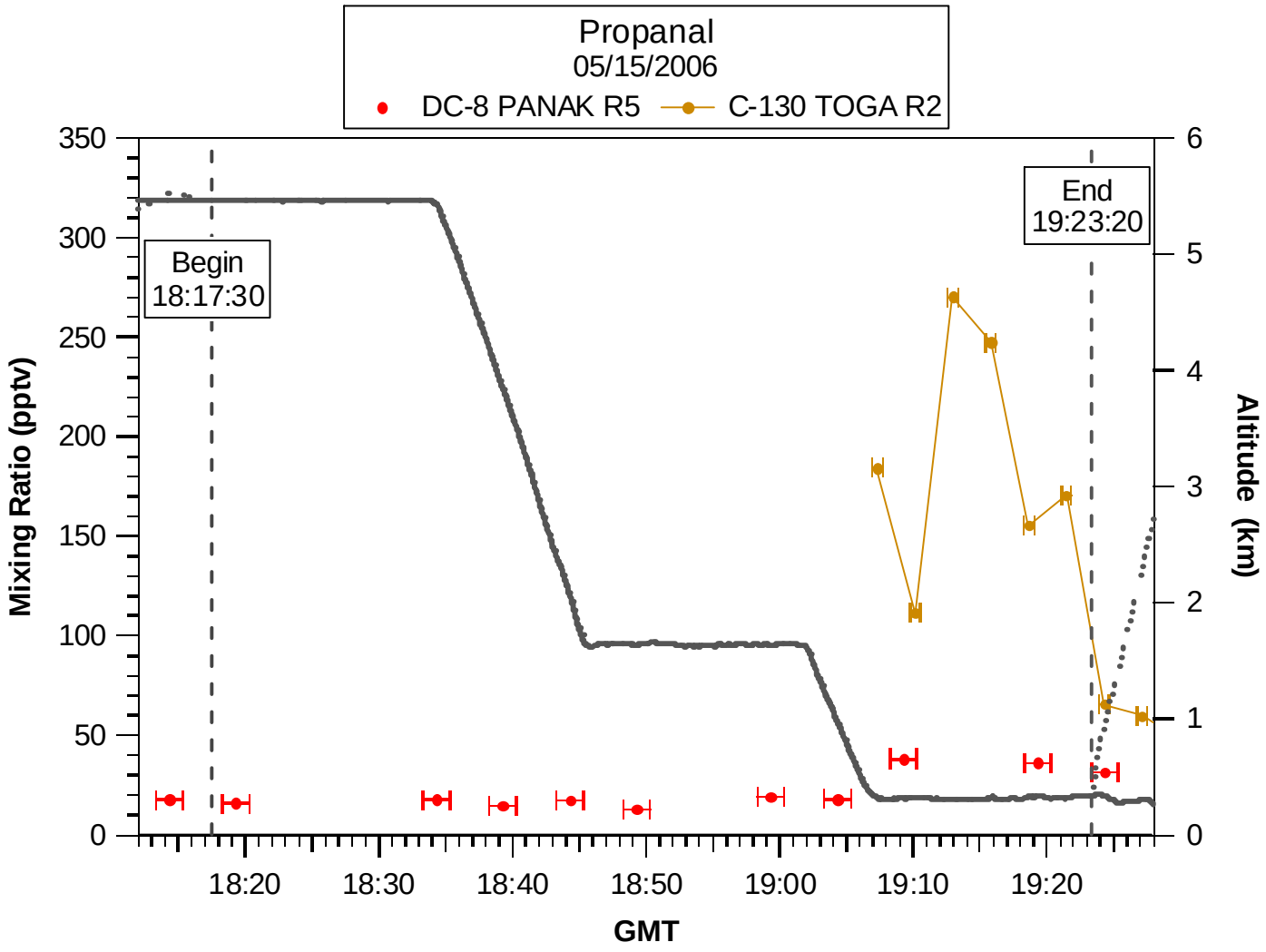

Methanol
05/15/2006
DC-8 PAN-AK R5
C-130 TOGA R2
C-130 PTR-MS R1
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
14x10^3
12
10
8
6
4
2
0
Altitude (km)
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20
GMT

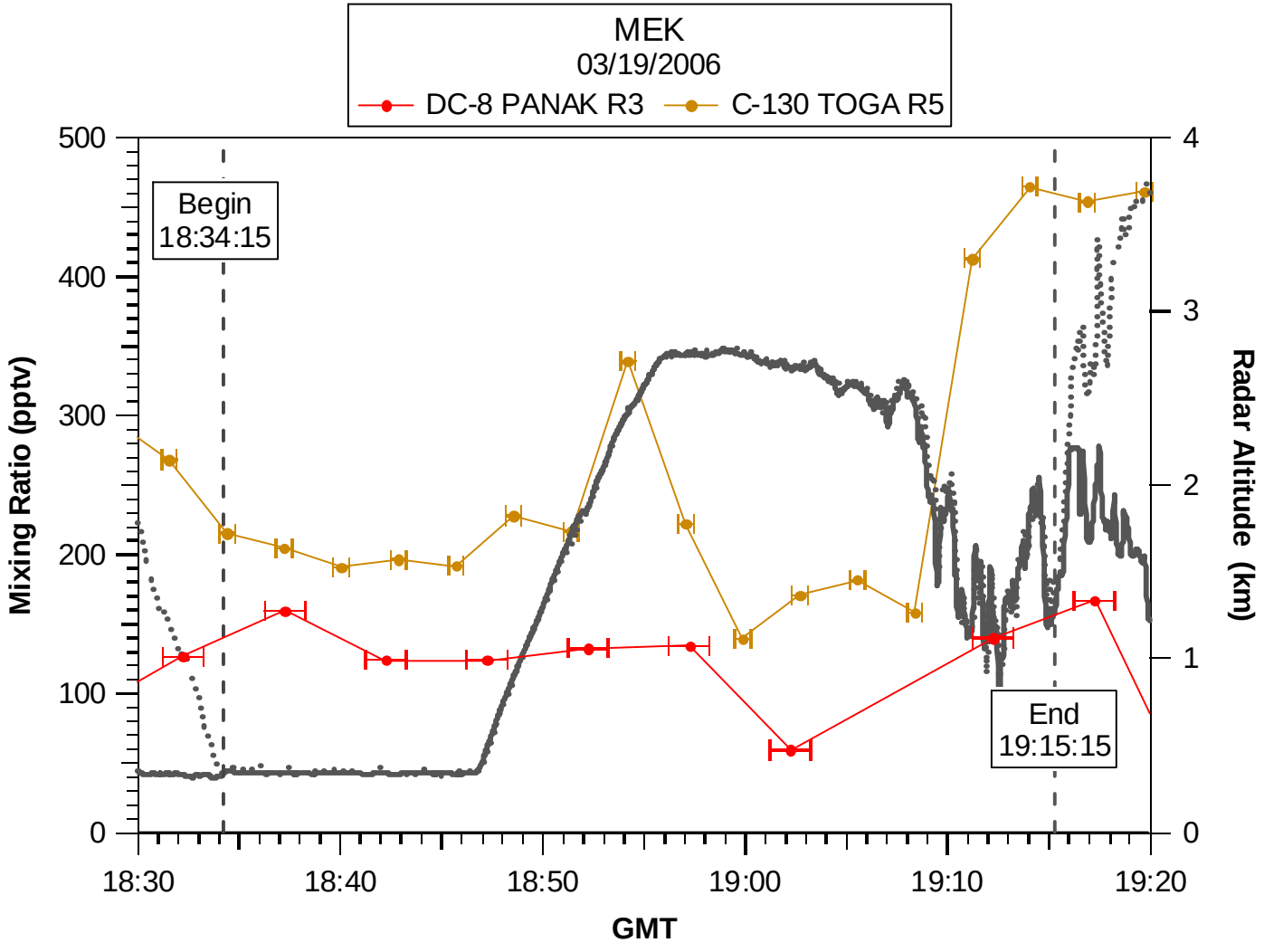

Methanol (ppbv)
All Flights
1:1
R2 = 0.72
slope=0.75 ± 0.01
y-intercept=0.83 ± 0.03
C-130 NCAR TOGA
C-130 NCAR PTR-MS
0
10
20
30
40
50
60

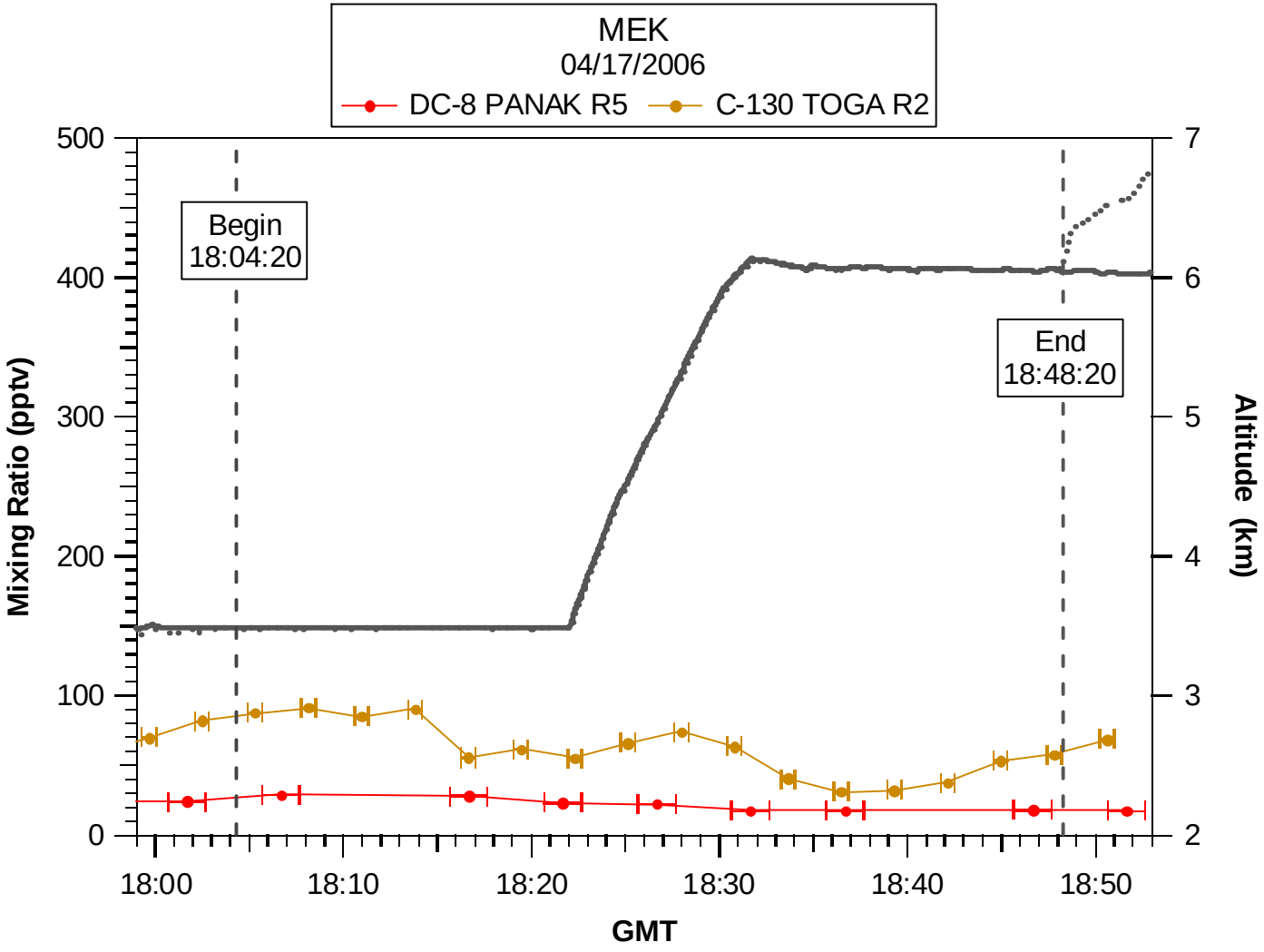

Ethanol
03/19/2006
DC-8 PANAK R3 1/2LOD=10
C-130 TOGA R5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
1200
1000
800
600
400
200
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

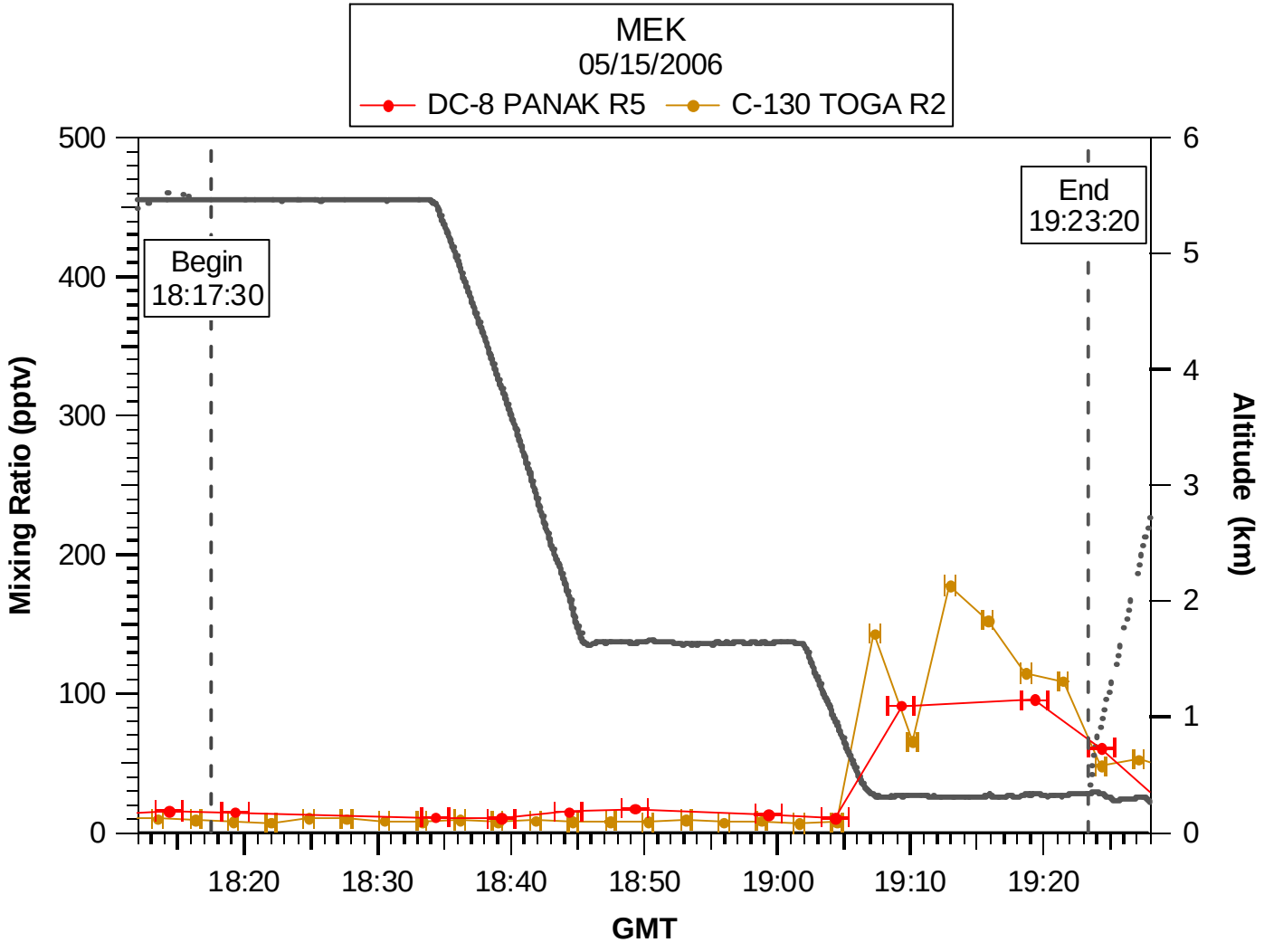

Propanal
03/19/2006
DC-8 PANAK R3
C-130 TOGA R5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
350
300
250
200
150
100
50
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

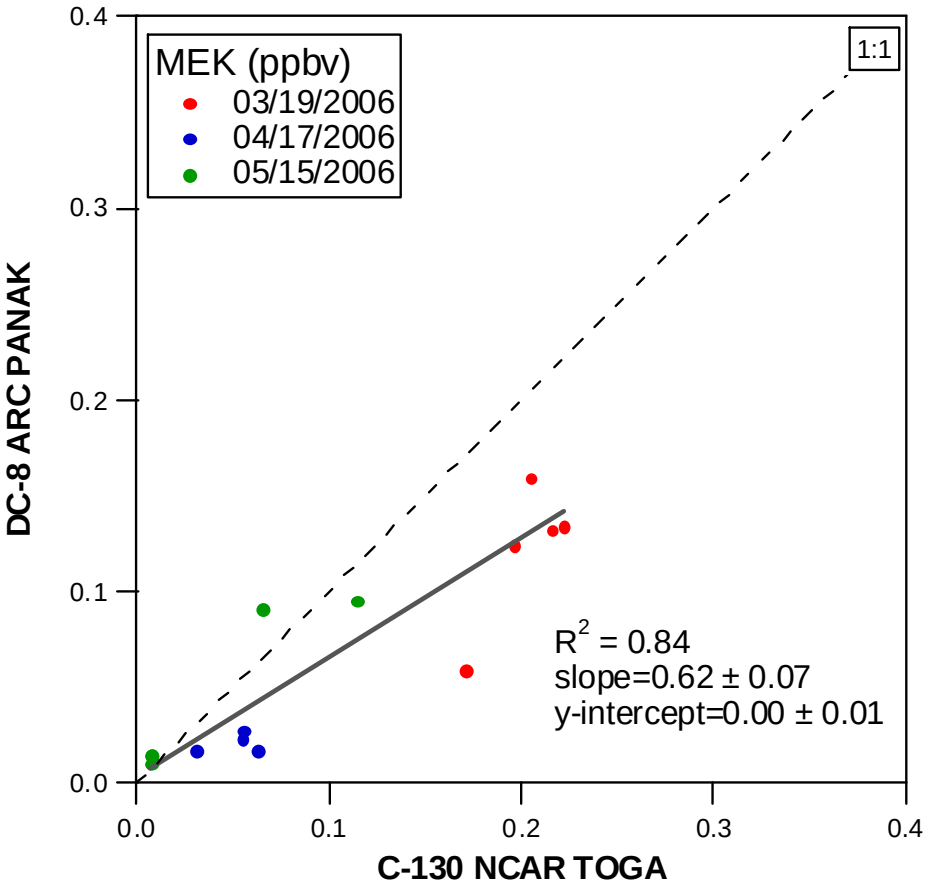

Propanal
04/17/2006
DC-8 PANAK R5
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
350
300
250
200
150
100
50
0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

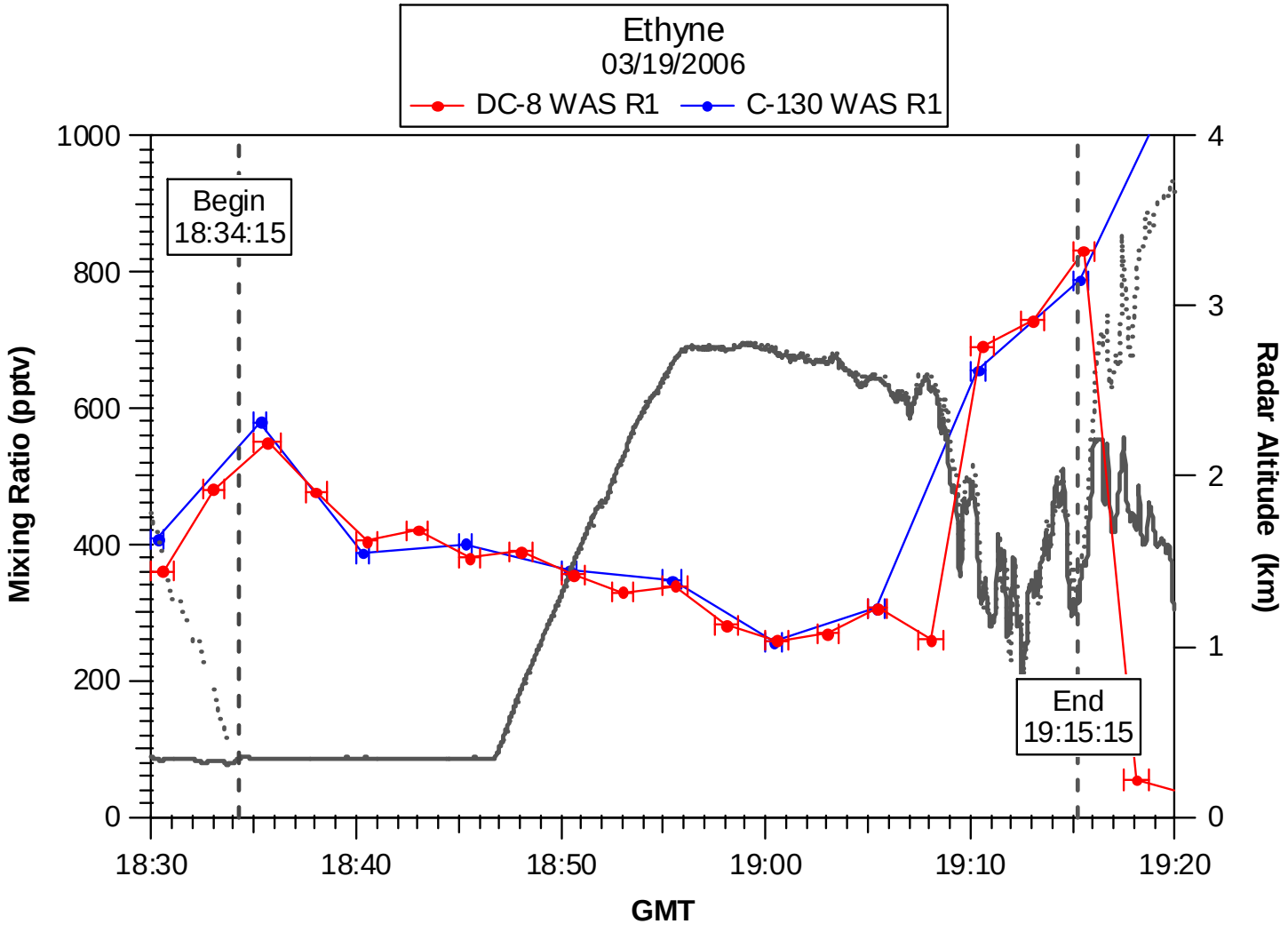

Propanal
05/15/2006
DC-8 PANAK R5
C-130 TOGA R2
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
350
300
250
200
150
100
50
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

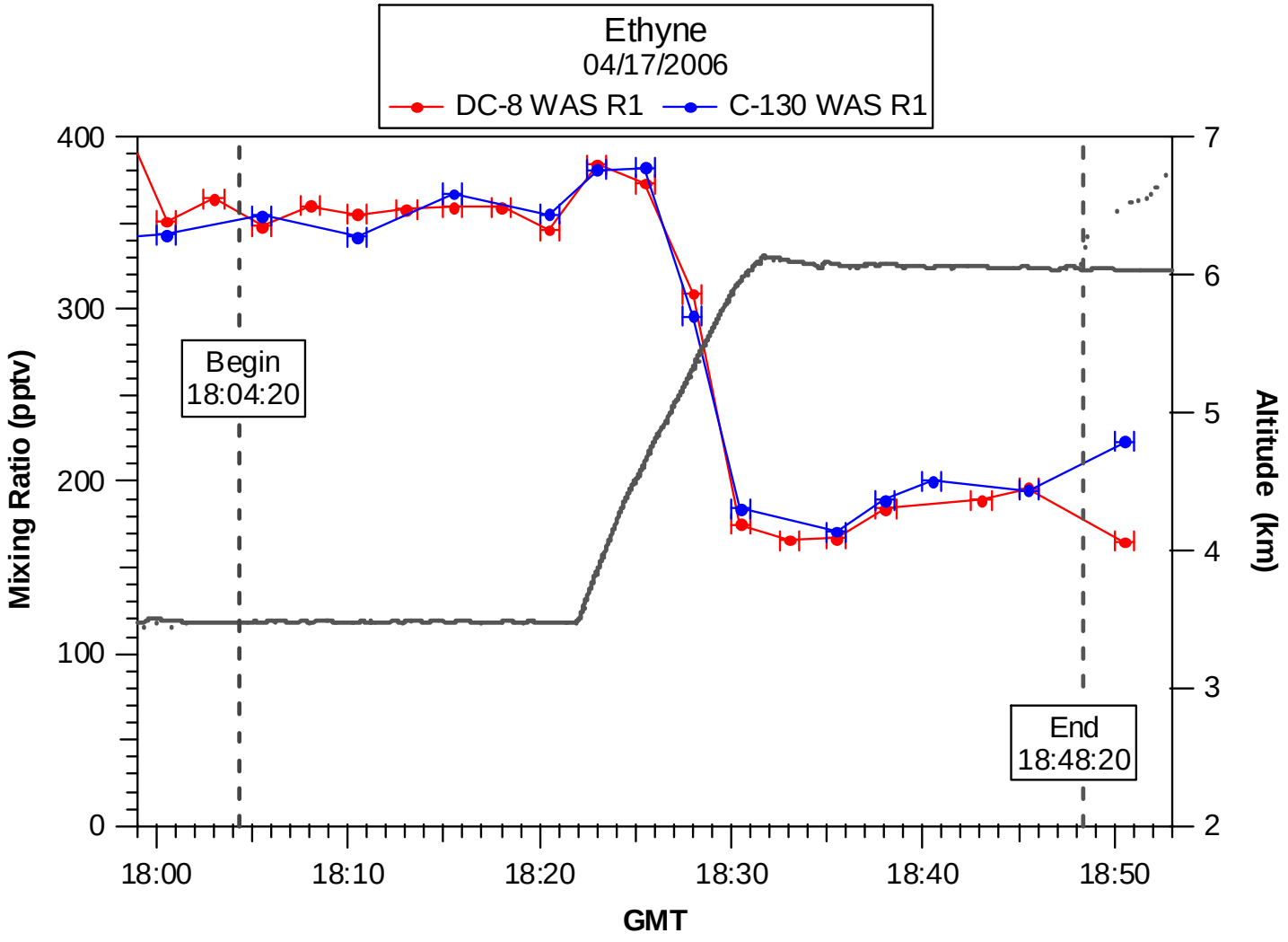

MEK
03/19/2006
DC-8 PANAK R3
C-130 TOGA R5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
500
400
300
200
100
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

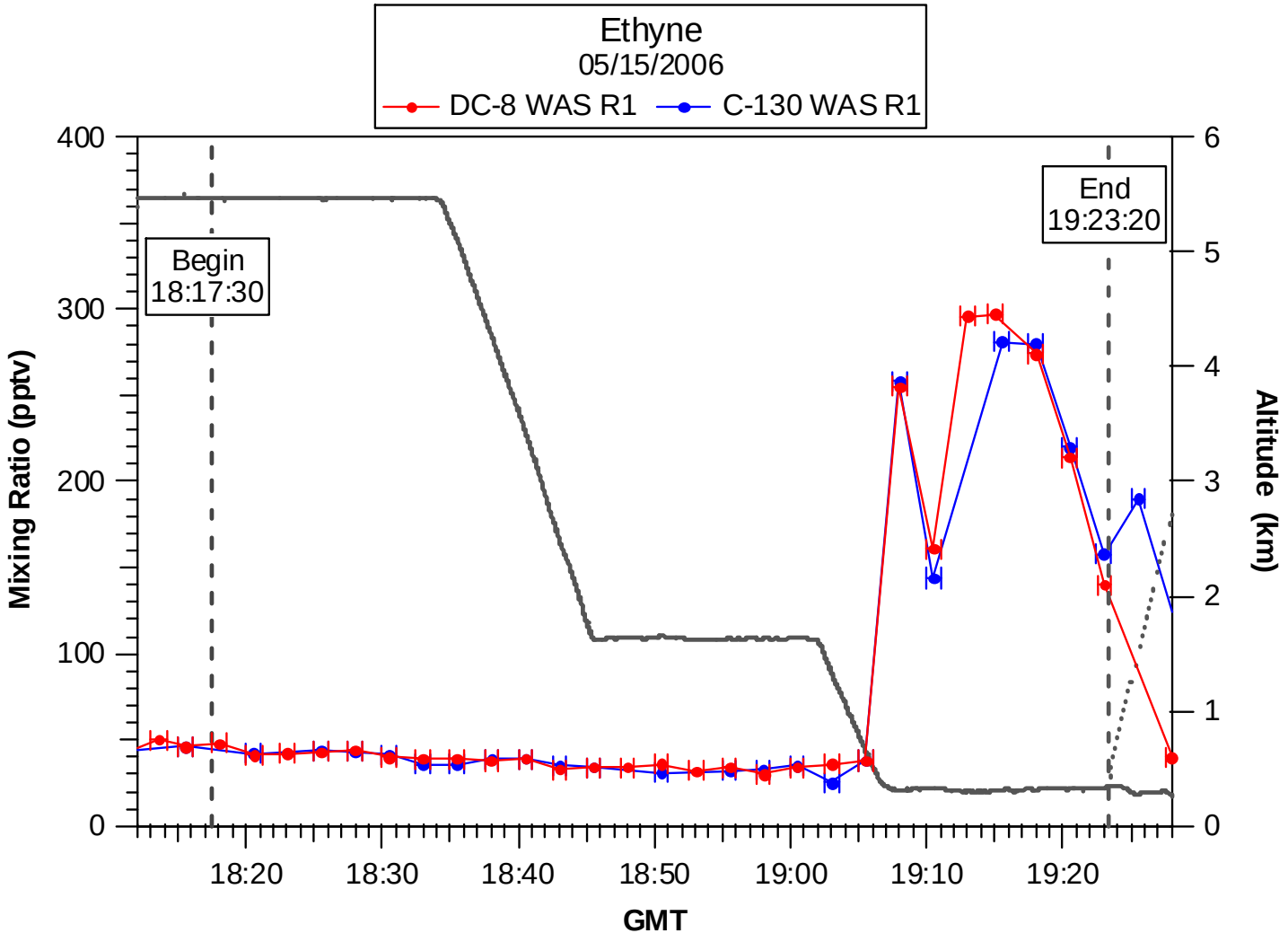

MEK
04/17/2006
DC-8 PANAK R5
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
500
400
300
200
100
0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

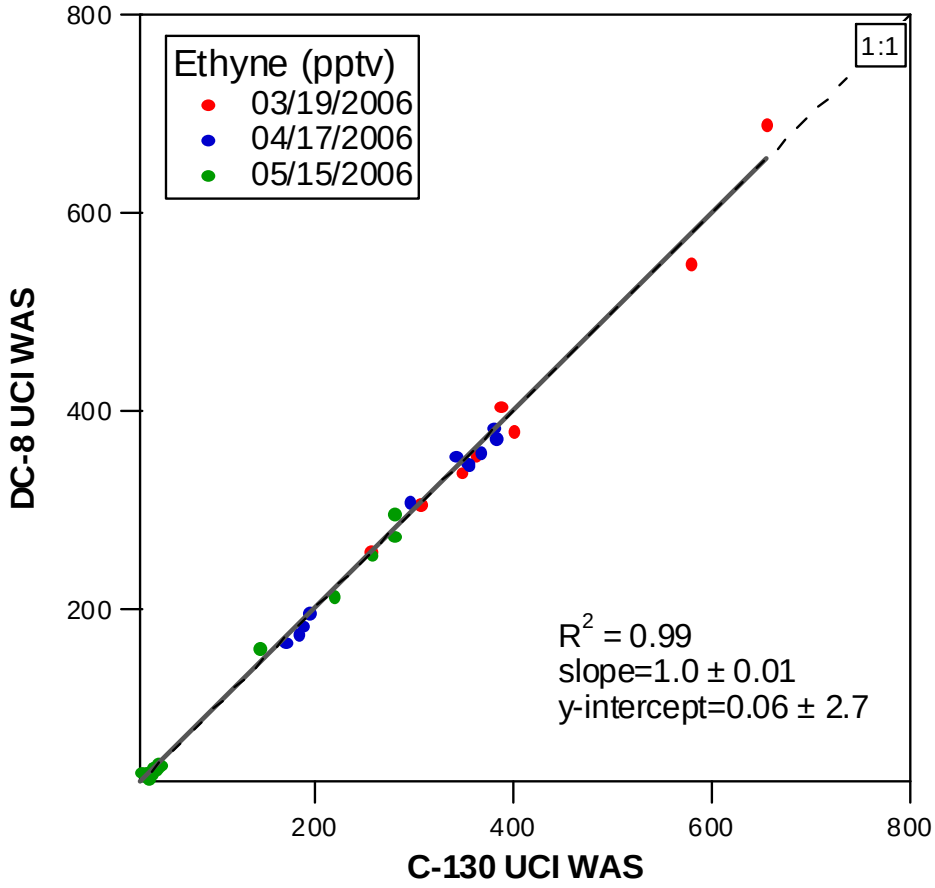

MEK
05/15/2006
DC-8 PANAK R5
C-130 TOGA R2
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
500
400
300
200
100
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

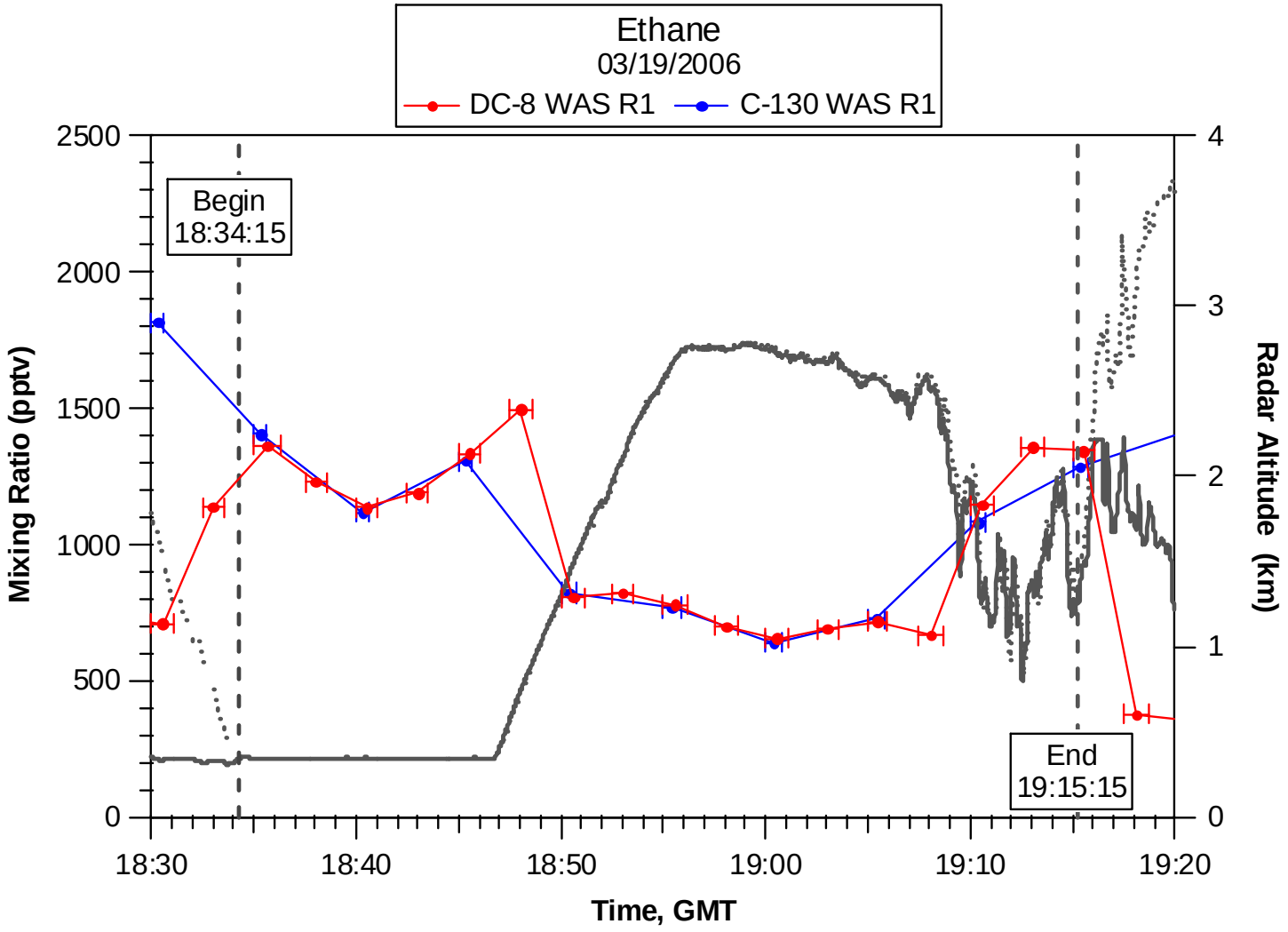

MEK (ppbv)
03/19/2006
04/17/2006
05/15/2006
1:1
R2 = 0.84
slope=0.62 ± 0.07
y-intercept=0.00 ± 0.01
DC-8 ARC PANAK
C-130 NCAR TOGA
0.0
0.1
0.2
0.3
0.4

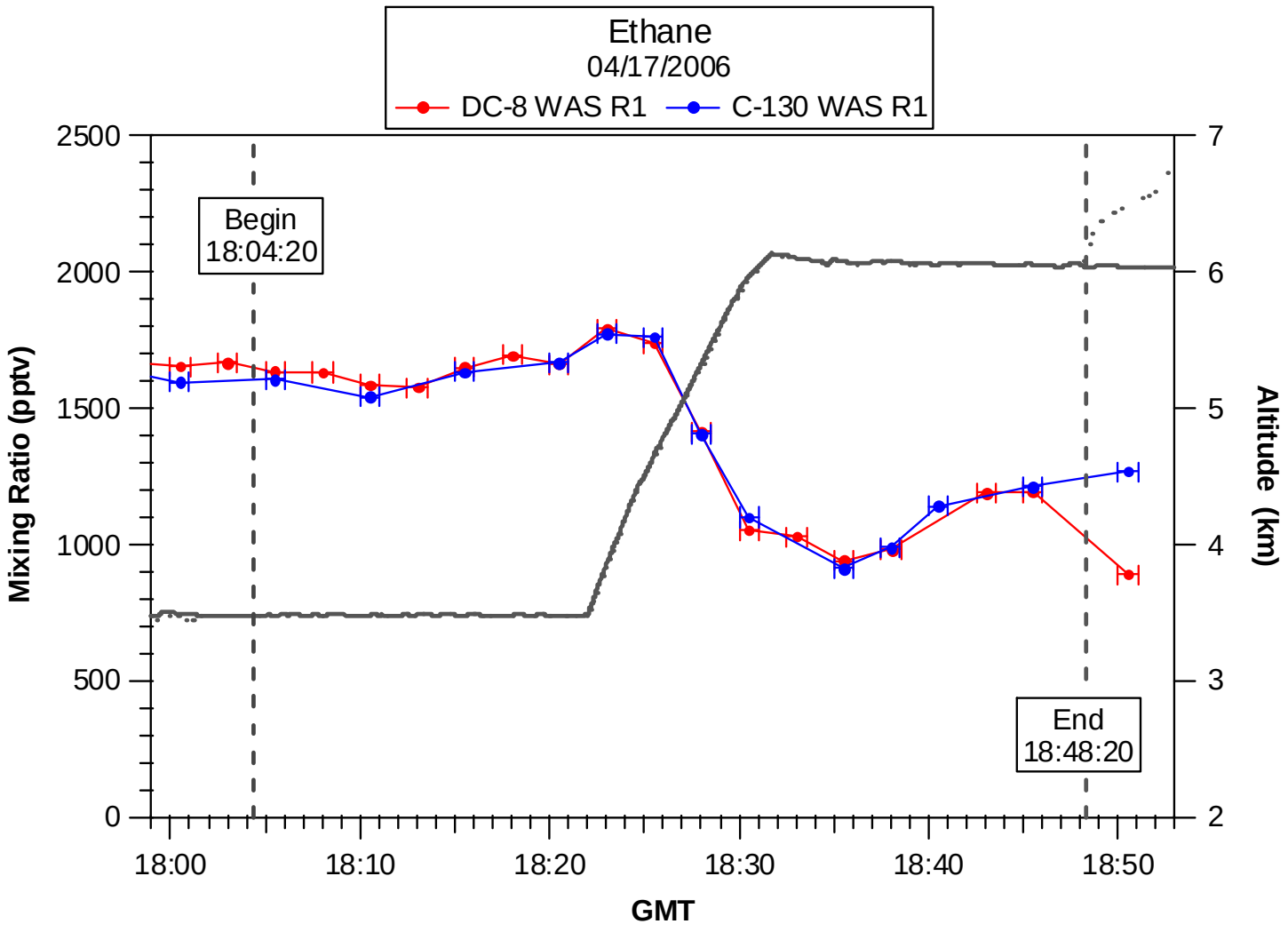

Ethyne
03/19/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
1000
800
600
400
200
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

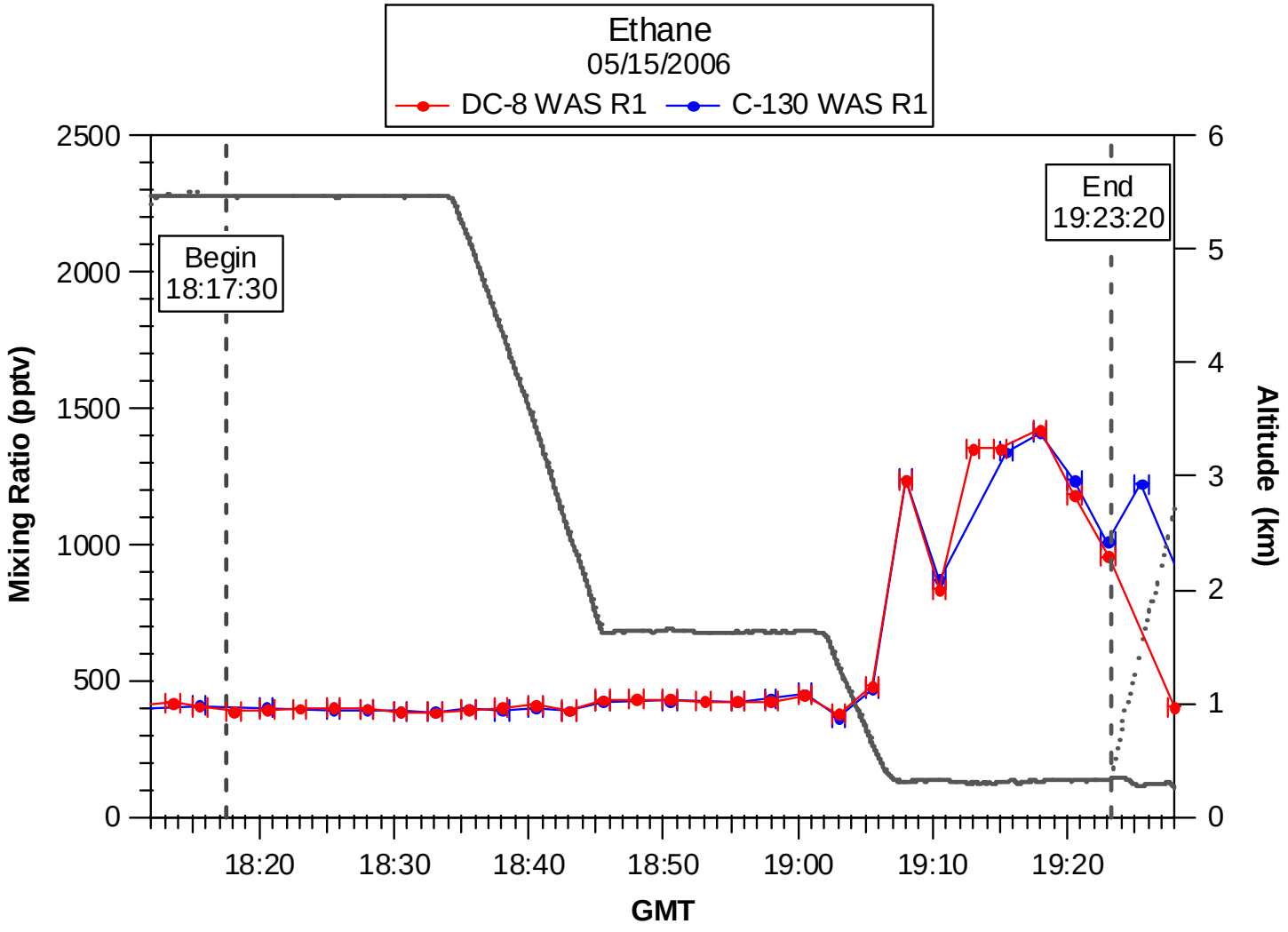

Ethyne
04/17/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
400
300
200
100
0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

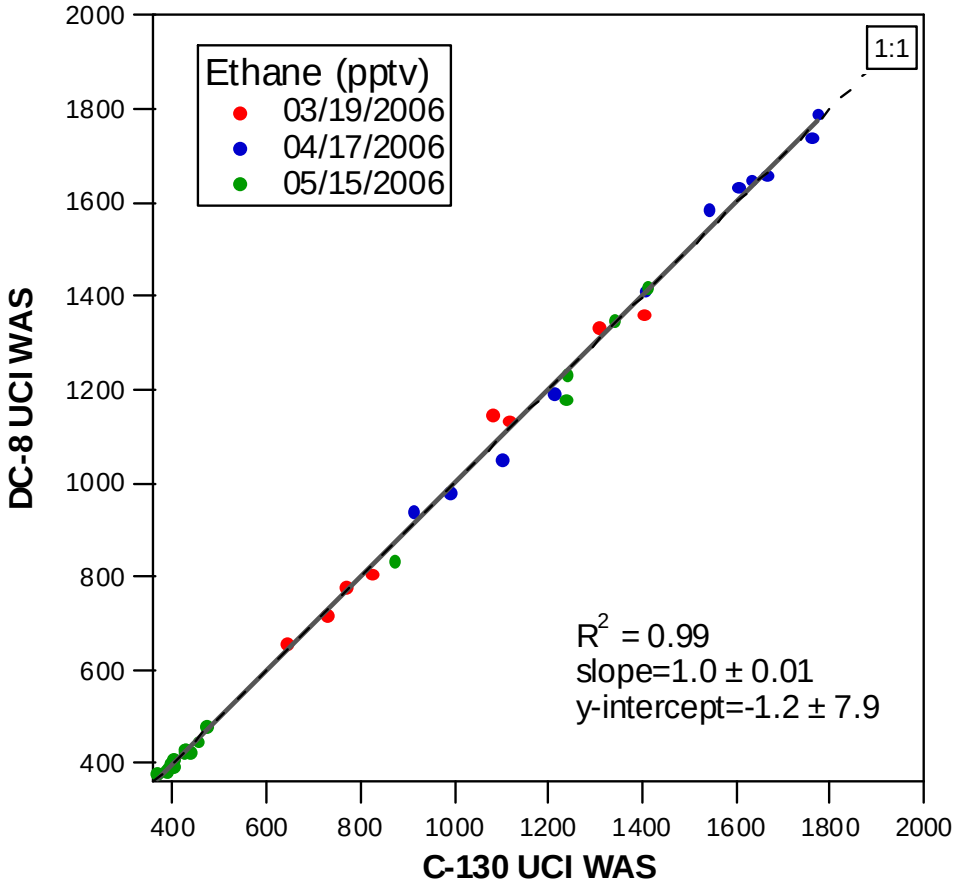

Ethyne
05/15/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
400
300
200
100
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

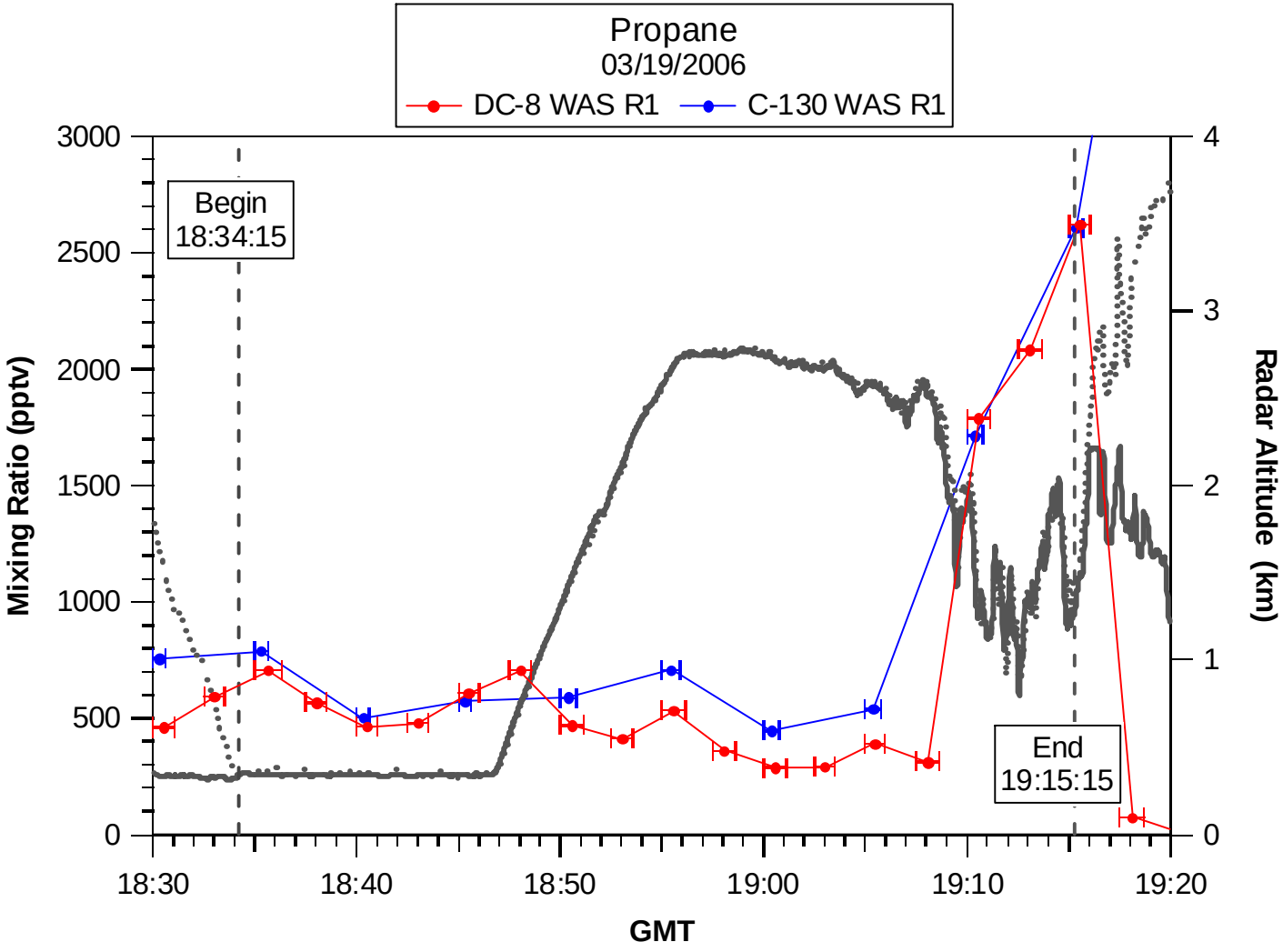

Ethyne (pptv)
03/19/2006
04/17/2006
05/15/2006
1:1
R^2 = 0.99
slope=1.0 ± 0.01
y-intercept=0.06 ± 2.7
DC-8 UCI WAS
C-130 UCI WAS
200
400
600
800

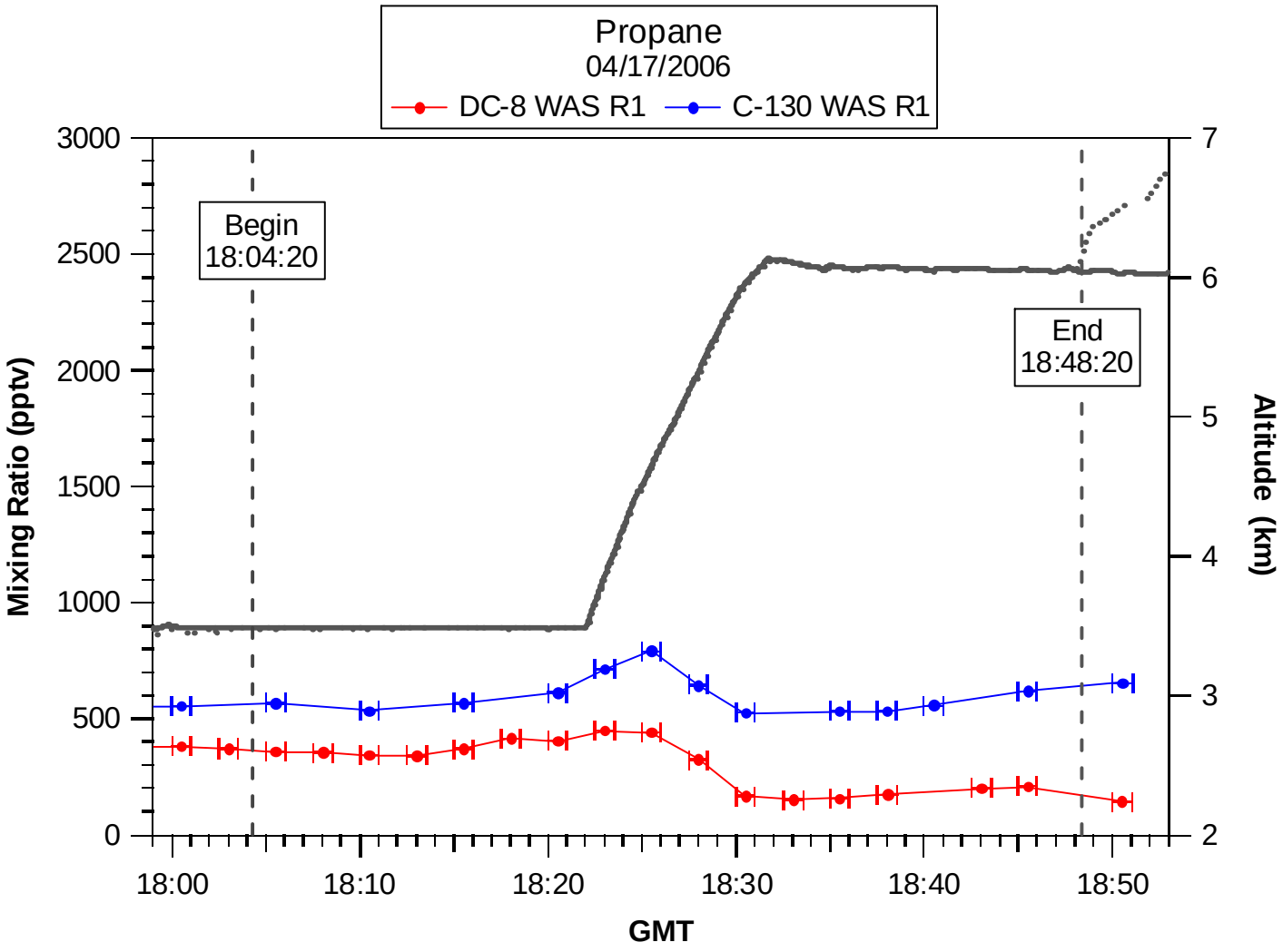

Ethane
03/19/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
Time, GMT
2500
2000
1500
1000
500
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

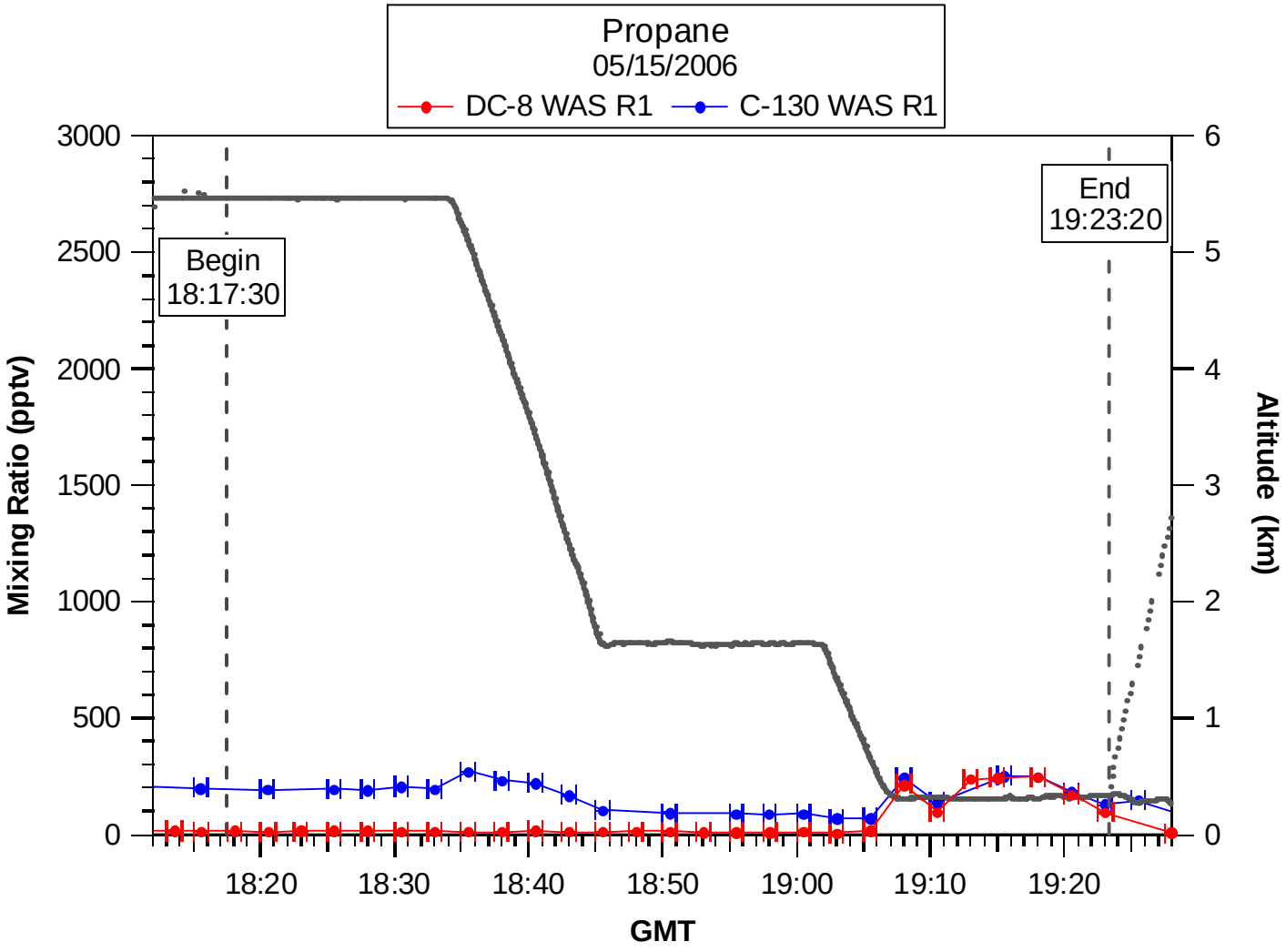

Ethane
04/17/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
2500
2000
1500
1000
500
0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

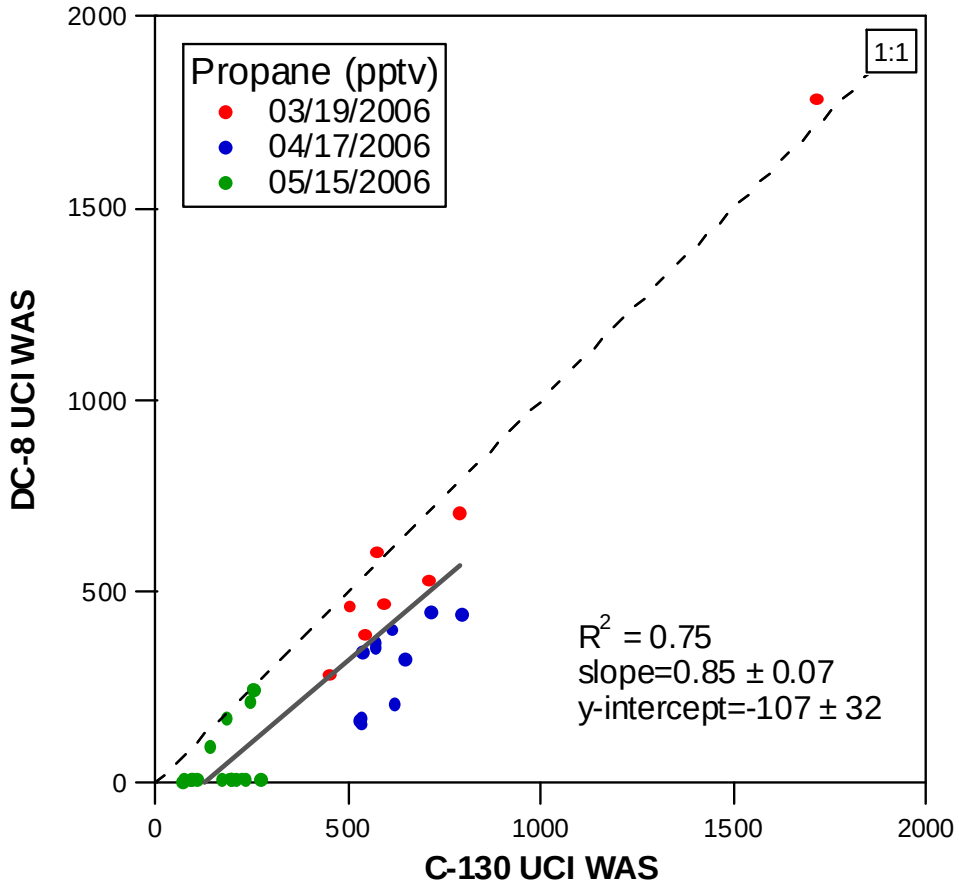

Ethane
05/15/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
2500
2000
1500
1000
500
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

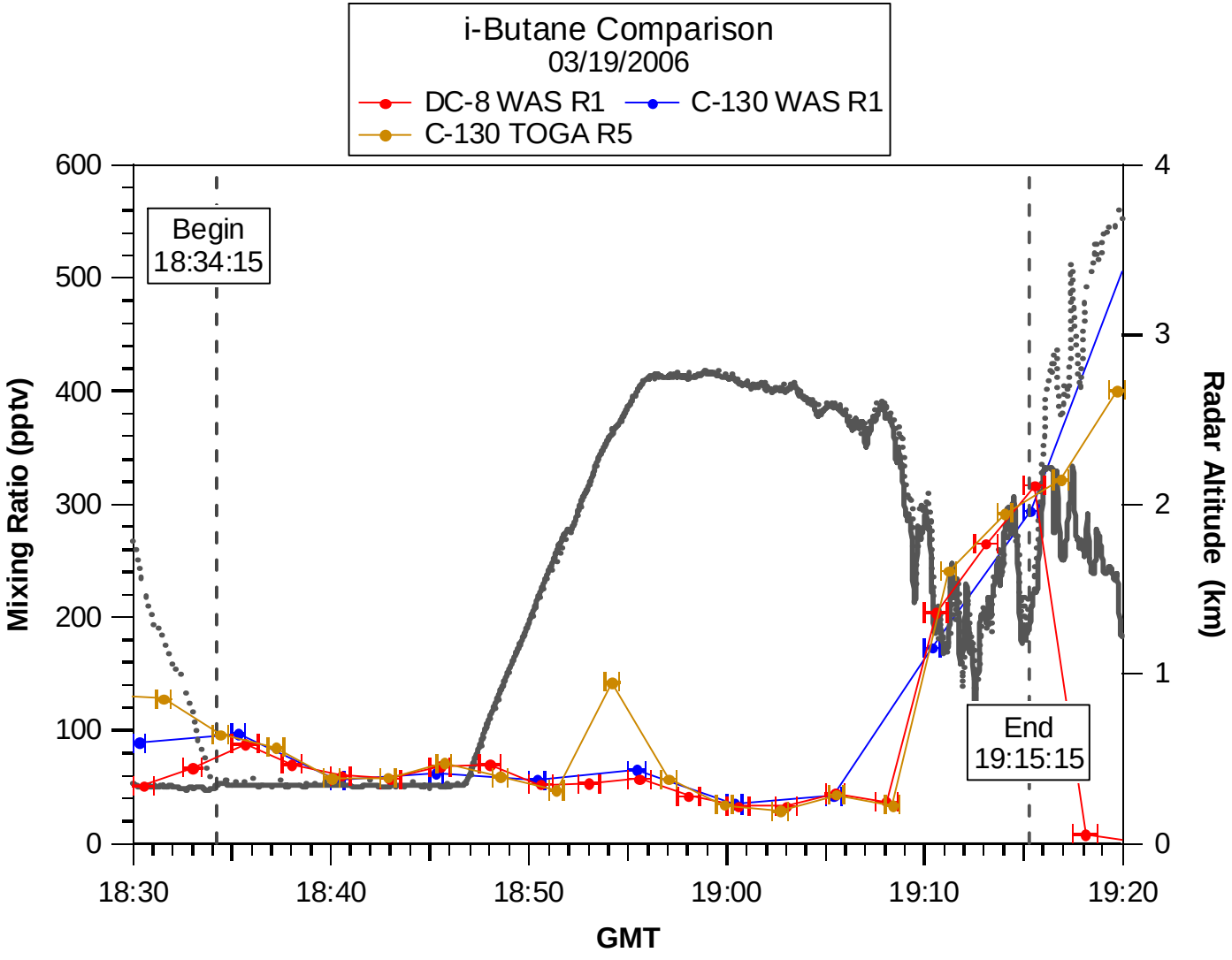

Ethane (pptv)
03/19/2006
04/17/2006
05/15/2006
1:1
R^2 = 0.99
slope=1.0 ± 0.01
y-intercept=-1.2 ± 7.9
DC-8 UCI WAS
C-130 UCI WAS
400
600
800
1000
1200
1400
1600
1800
2000

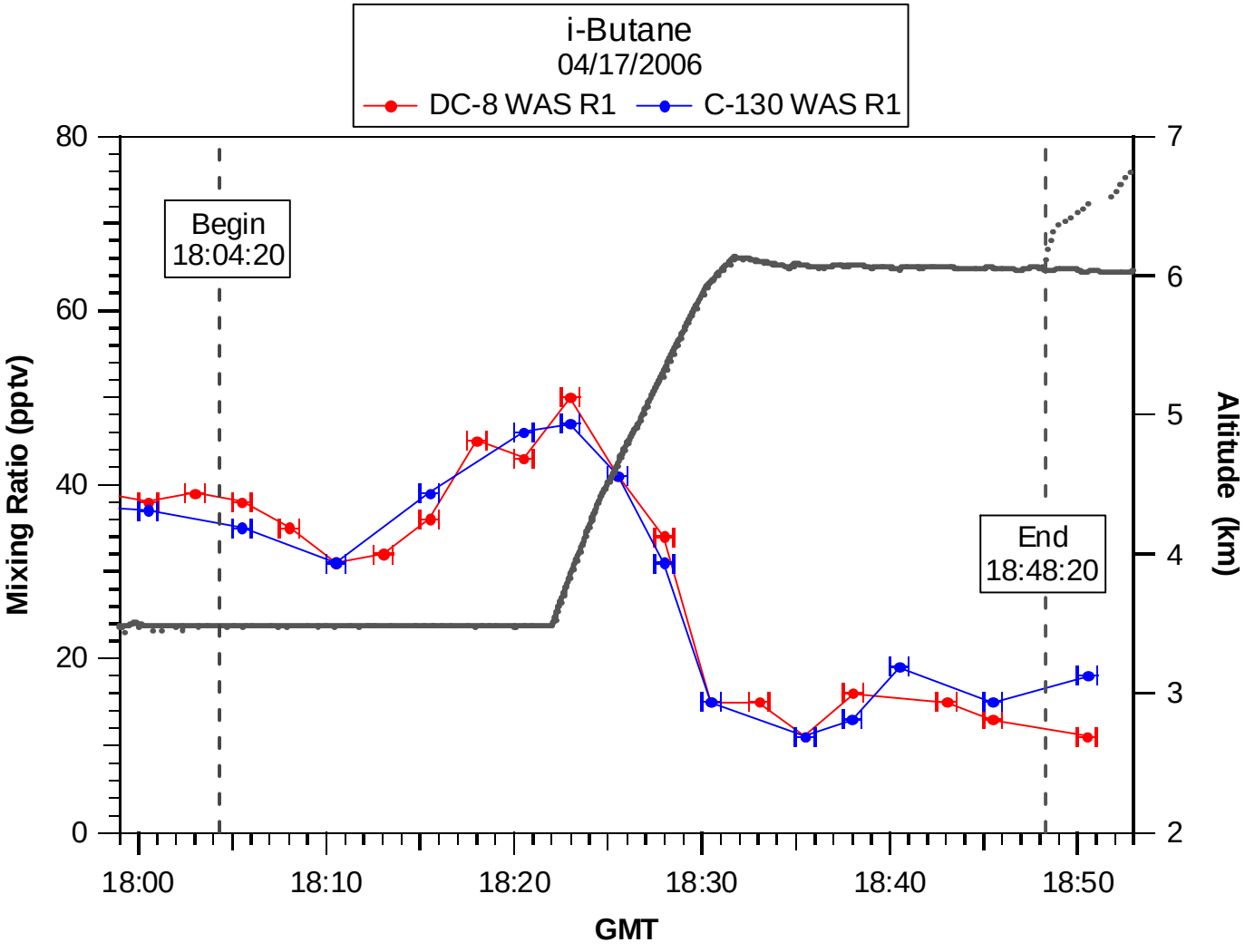

Propane
03/19/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
3000
2500
2000
1500
1000
500
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

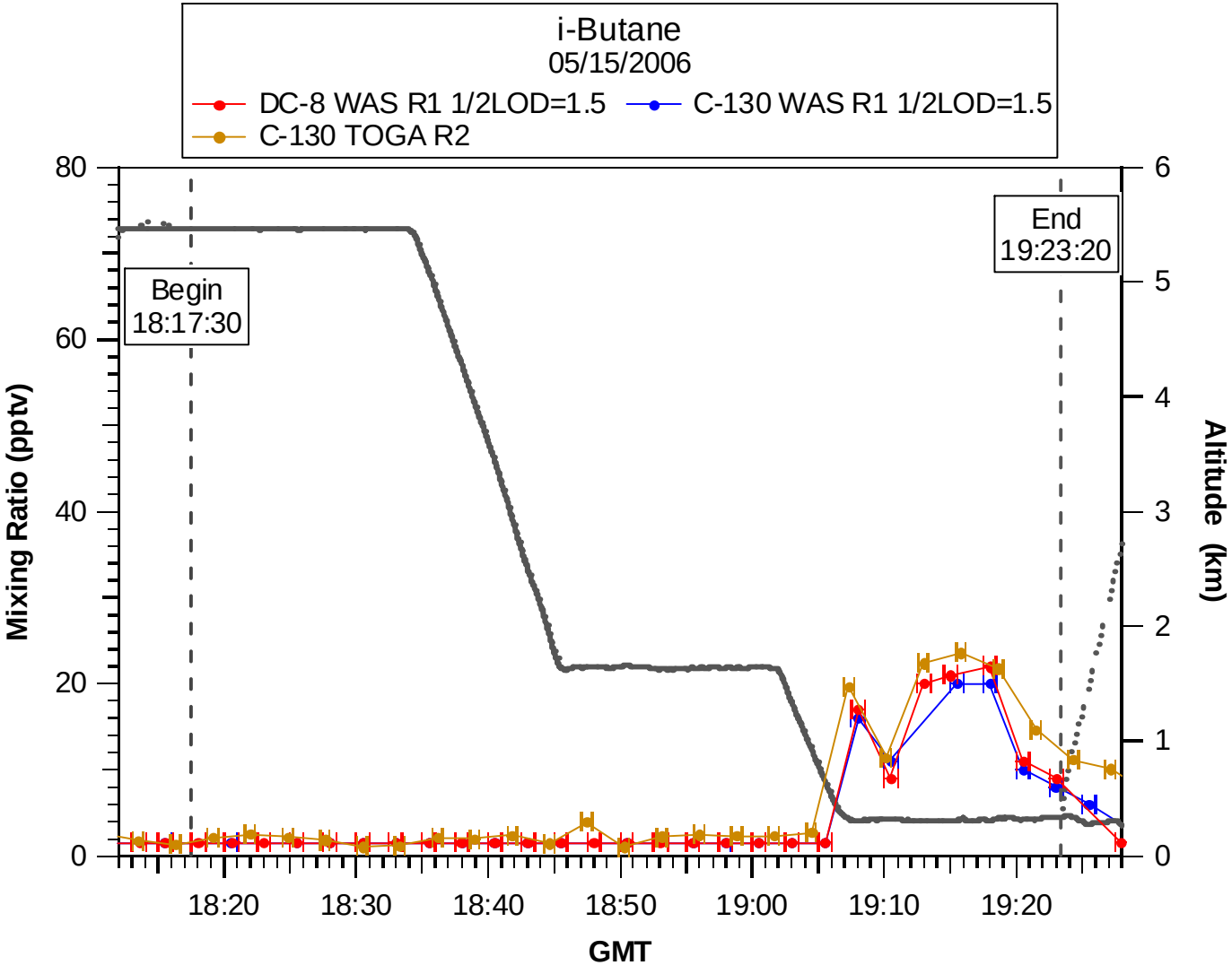

Propane
04/17/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
3000
2500
2000
1500
1000
500
0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

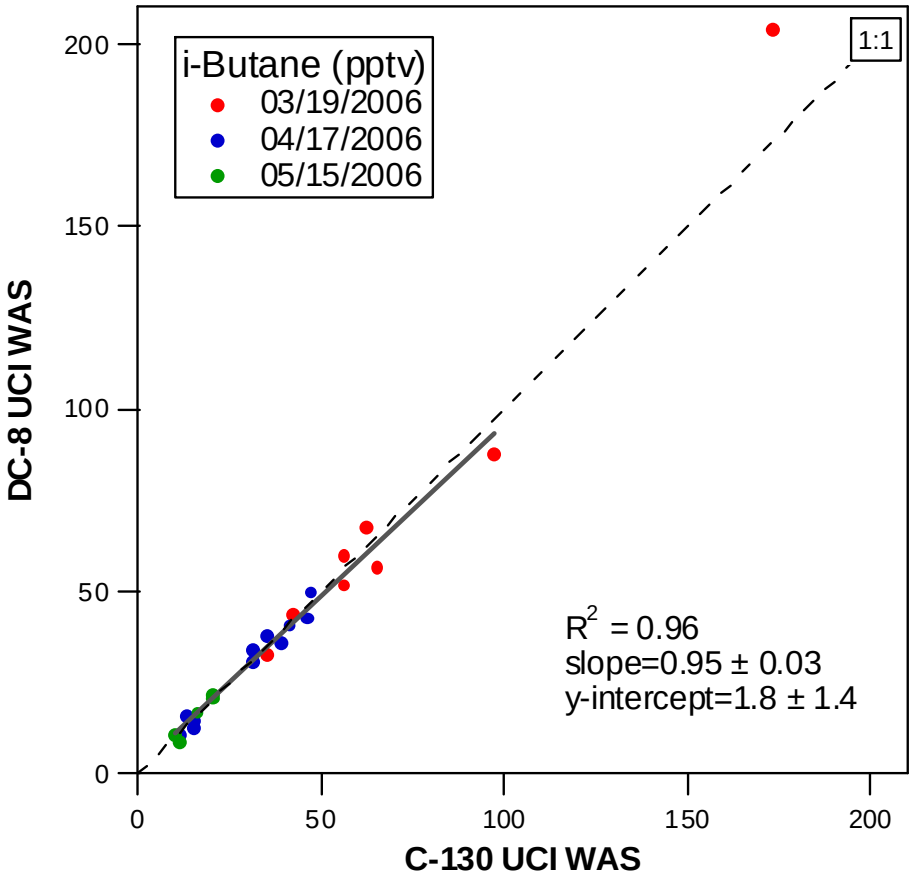

Propane
05/15/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
3000
2500
2000
1500
1000
500
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

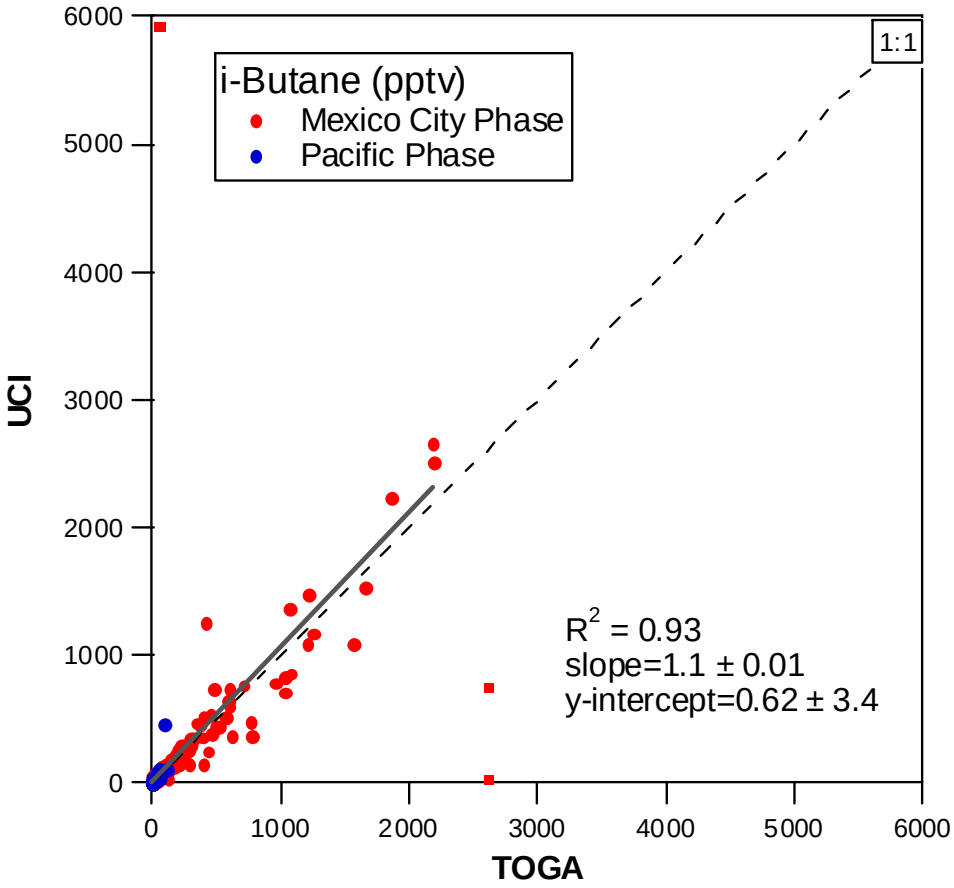

Propane (pptv)
03/19/2006
04/17/2006
05/15/2006
1:1
R^2 = 0.75
slope=0.85 ± 0.07
y-intercept=-107 ± 32
DC-8 UCI WAS
C-130 UCI WAS
0
500
1000
1500
2000

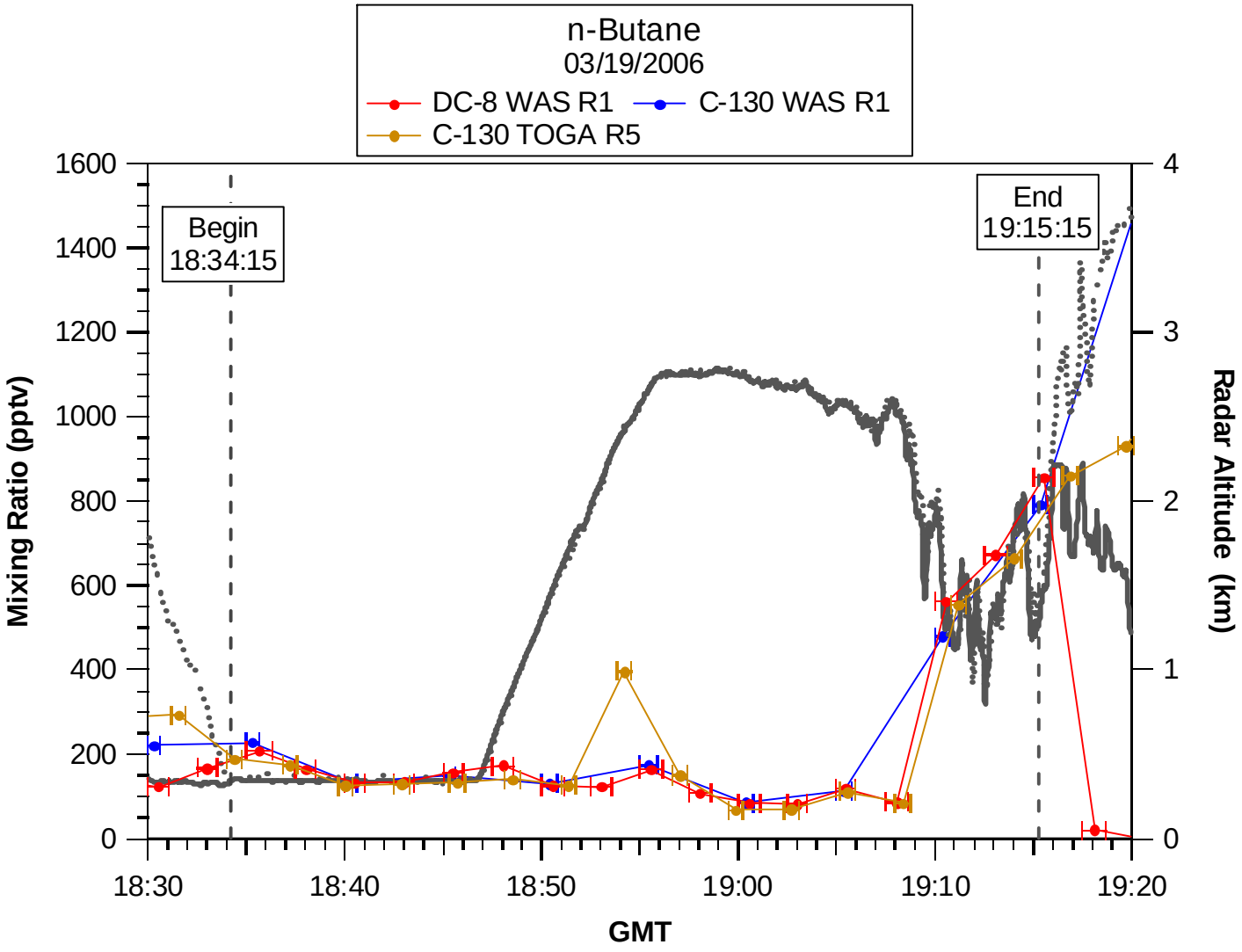

i-Butane Comparison
03/19/2006
DC-8 WAS R1
C-130 WAS R1
C-130 TOGA R5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
600
500
400
300
200
100
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

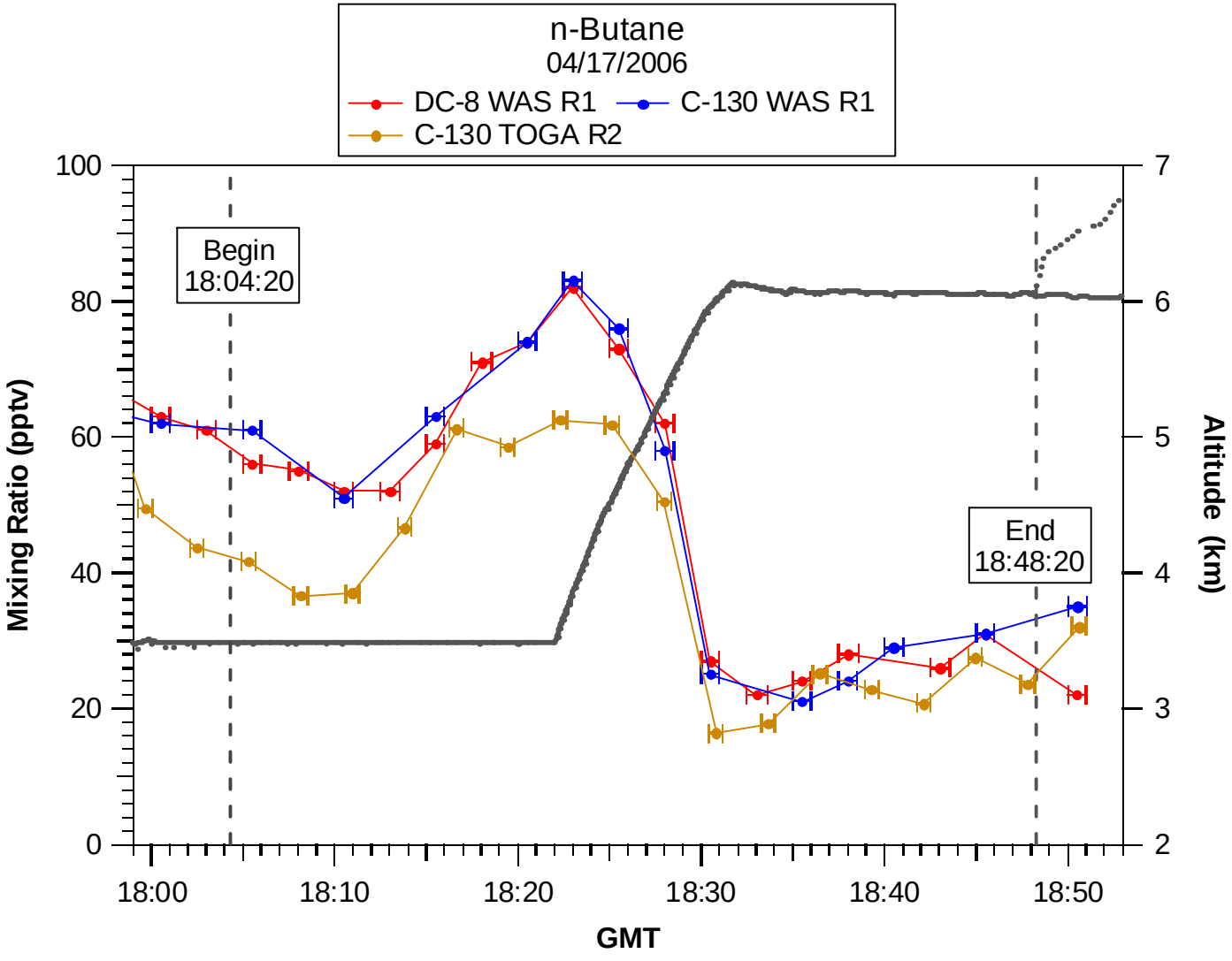

i-Butane
04/17/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
20
40
60
80
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

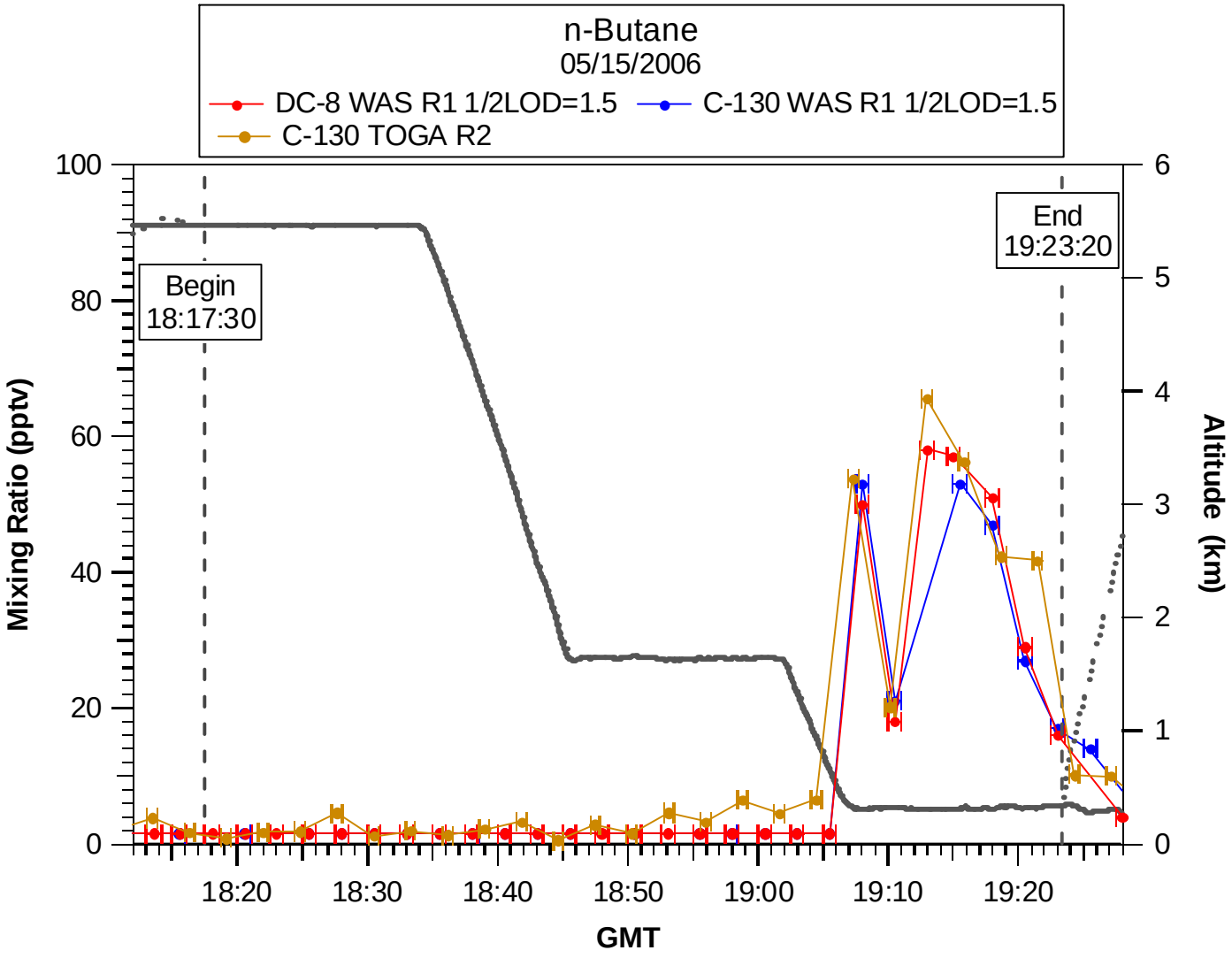

i-Butane
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R2
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
20
40
60
80
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

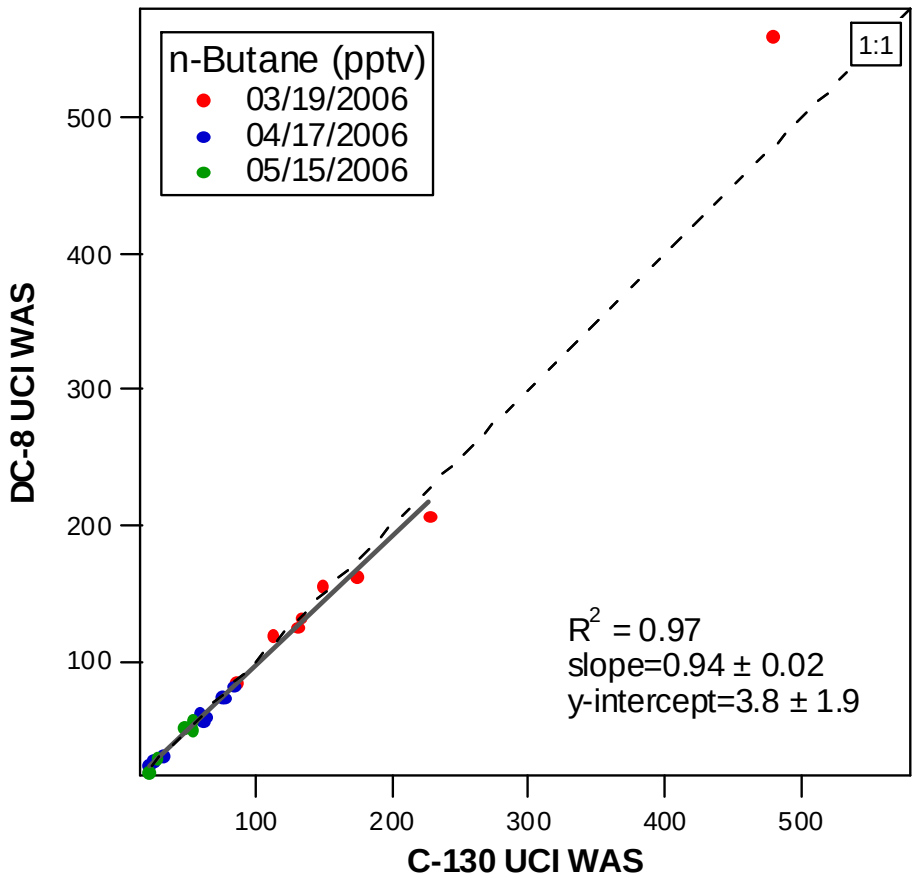

i-Butane (pptv)
03/19/2006
04/17/2006
05/15/2006
1:1
R2 = 0.96
slope=0.95 ± 0.03
y-intercept=1.8 ± 1.4
DC-8 UCI WAS
C-130 UCI WAS
0
50
100
150
200

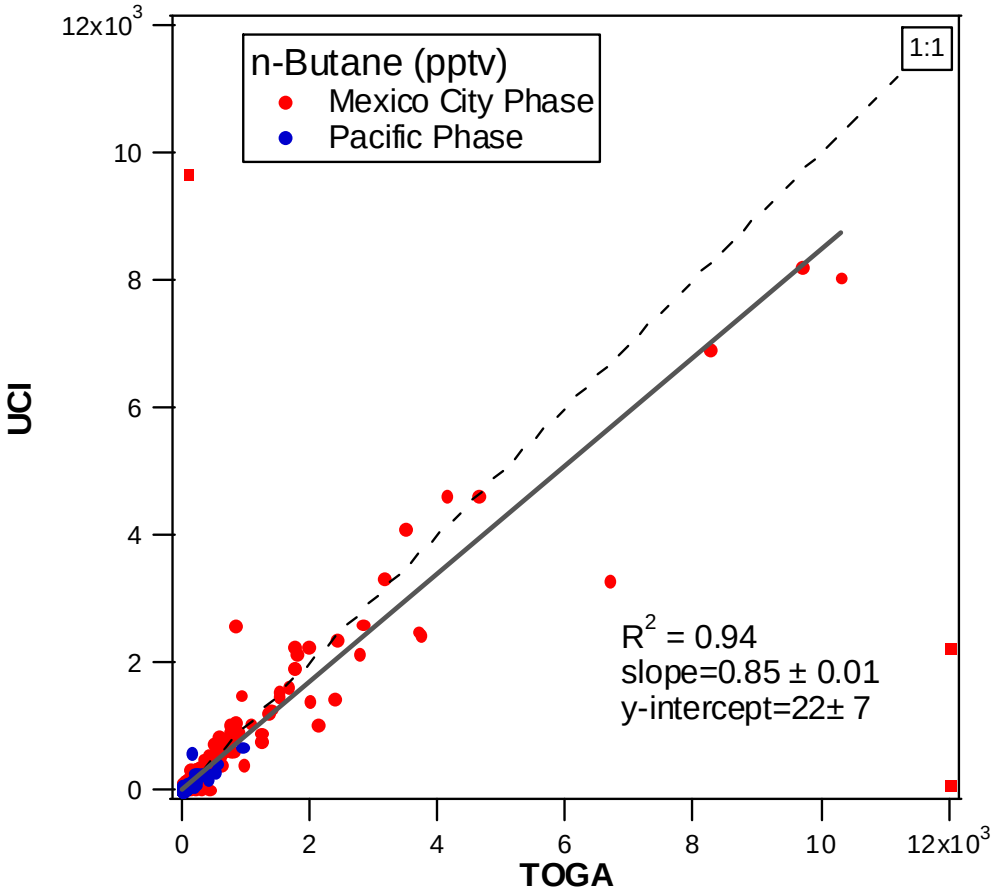

i-Butane (pptv)
Mexico City Phase
Pacific Phase
1:1
R2 = 0.93
slope=1.1 ± 0.01
y-intercept=0.62 ± 3.4
UCI
TOGA
0
1000
2000
3000
4000
5000
6000

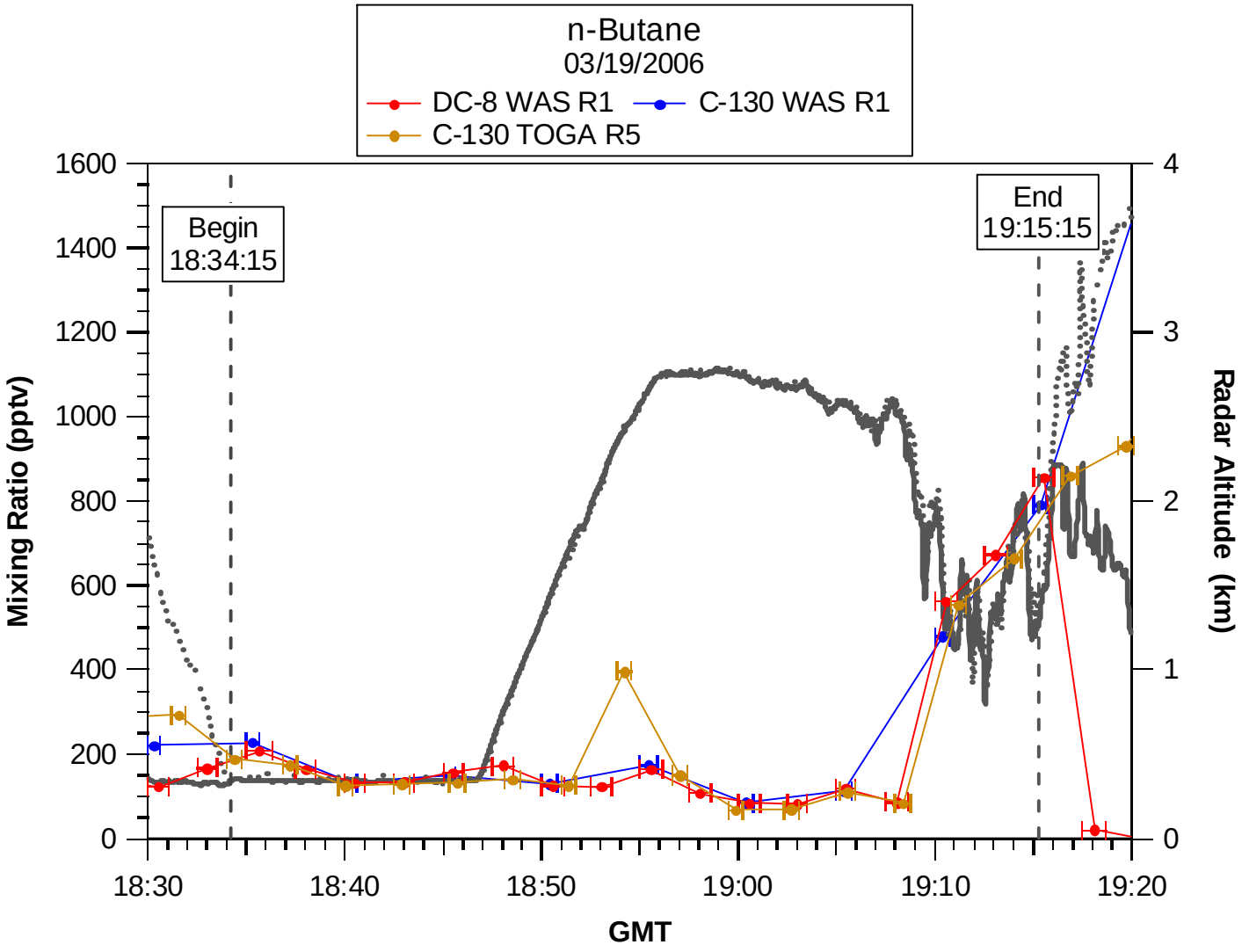

n-Butane
03/19/2006
DC-8 WAS R1
C-130 WAS R1
C-130 TOGA R5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
200
400
600
800
1000
1200
1400
1600
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

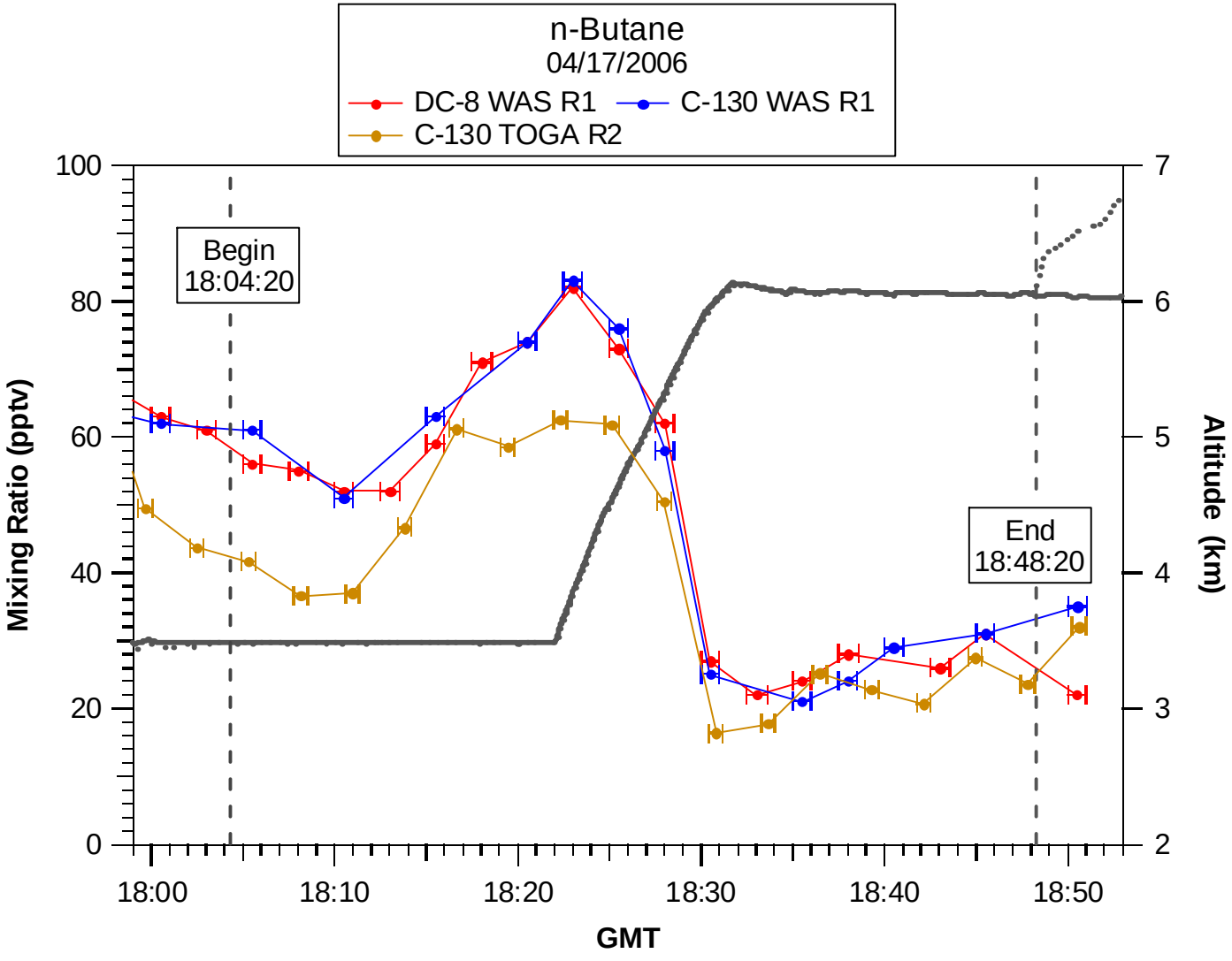

n-Butane
04/17/2006
DC-8 WAS R1
C-130 WAS R1
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
100
80
60
40
20
0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

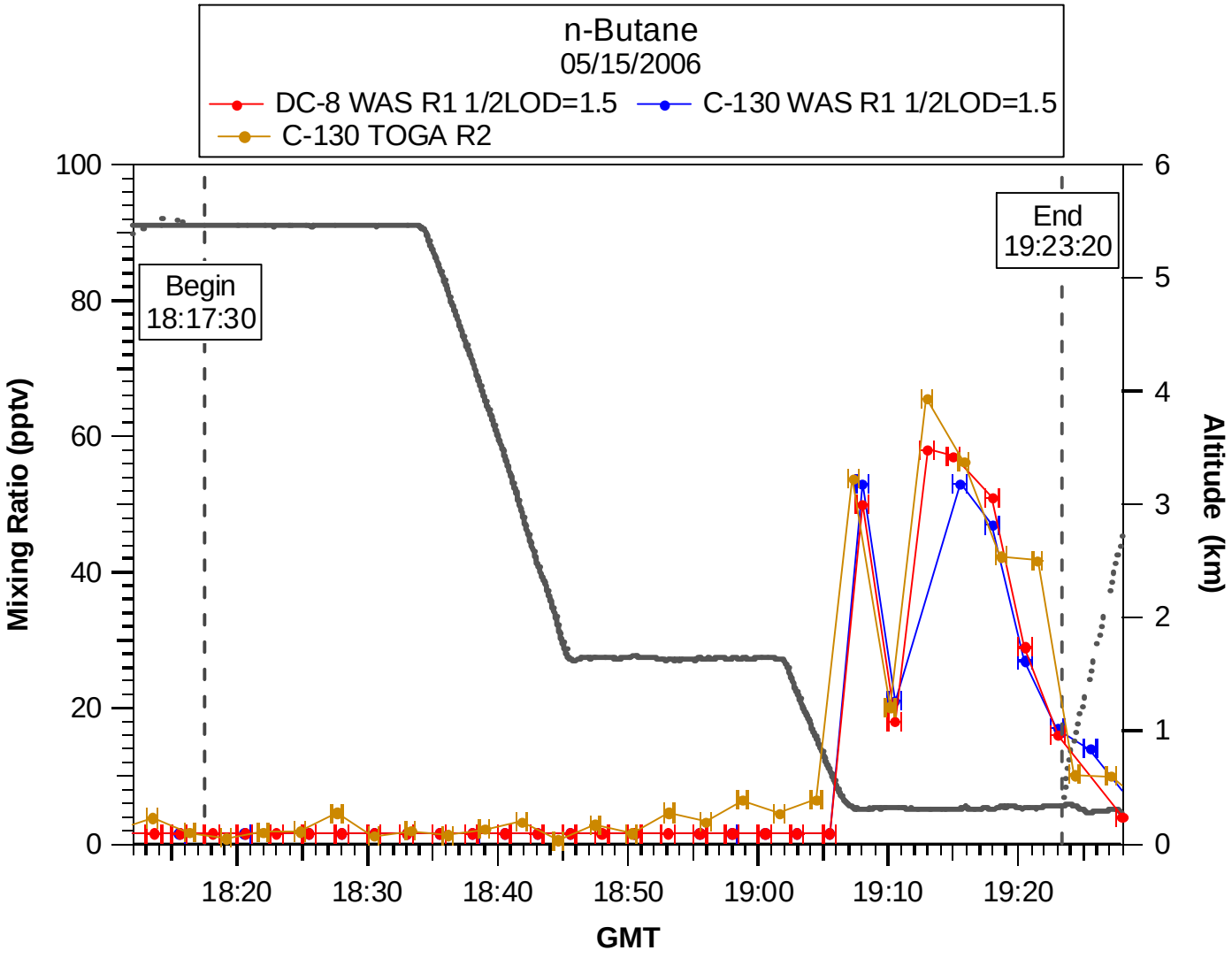

n-Butane
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R2
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
100
80
60
40
20
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

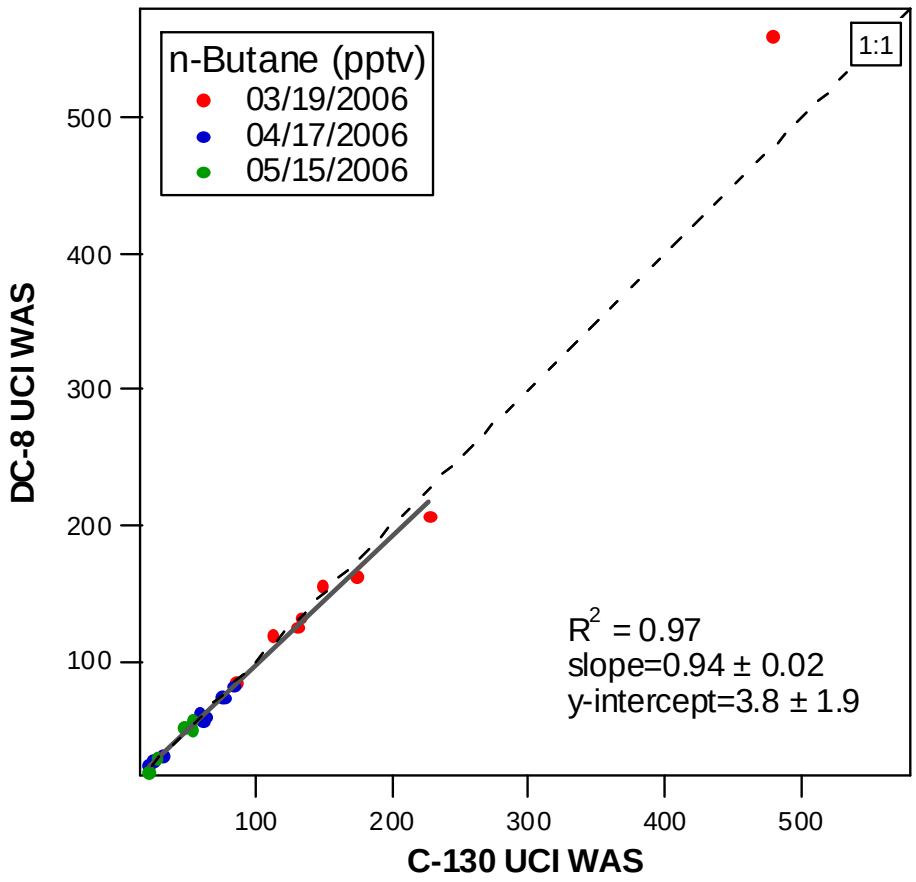

n-Butane (pptv)
03/19/2006
04/17/2006
05/15/2006
1:1
R^2 = 0.97
slope=0.94 ± 0.02
y-intercept=3.8 ± 1.9
DC-8 UCI WAS
C-130 UCI WAS
100
200
300
400
500

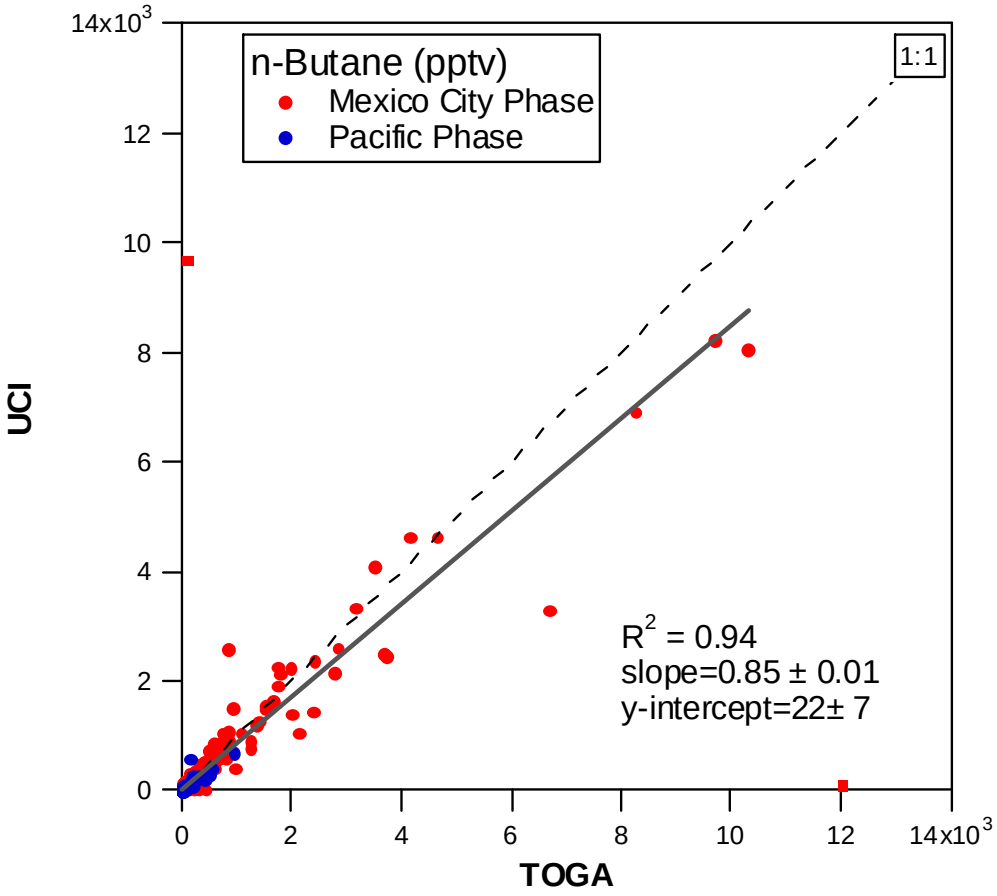

n-Butane (pptv)
Mexico City Phase
Pacific Phase
1:1
R2 = 0.94
slope=0.85 ± 0.01
y-intercept=22± 7
UCI
TOGA
0
2
4
6
8
10
12x103

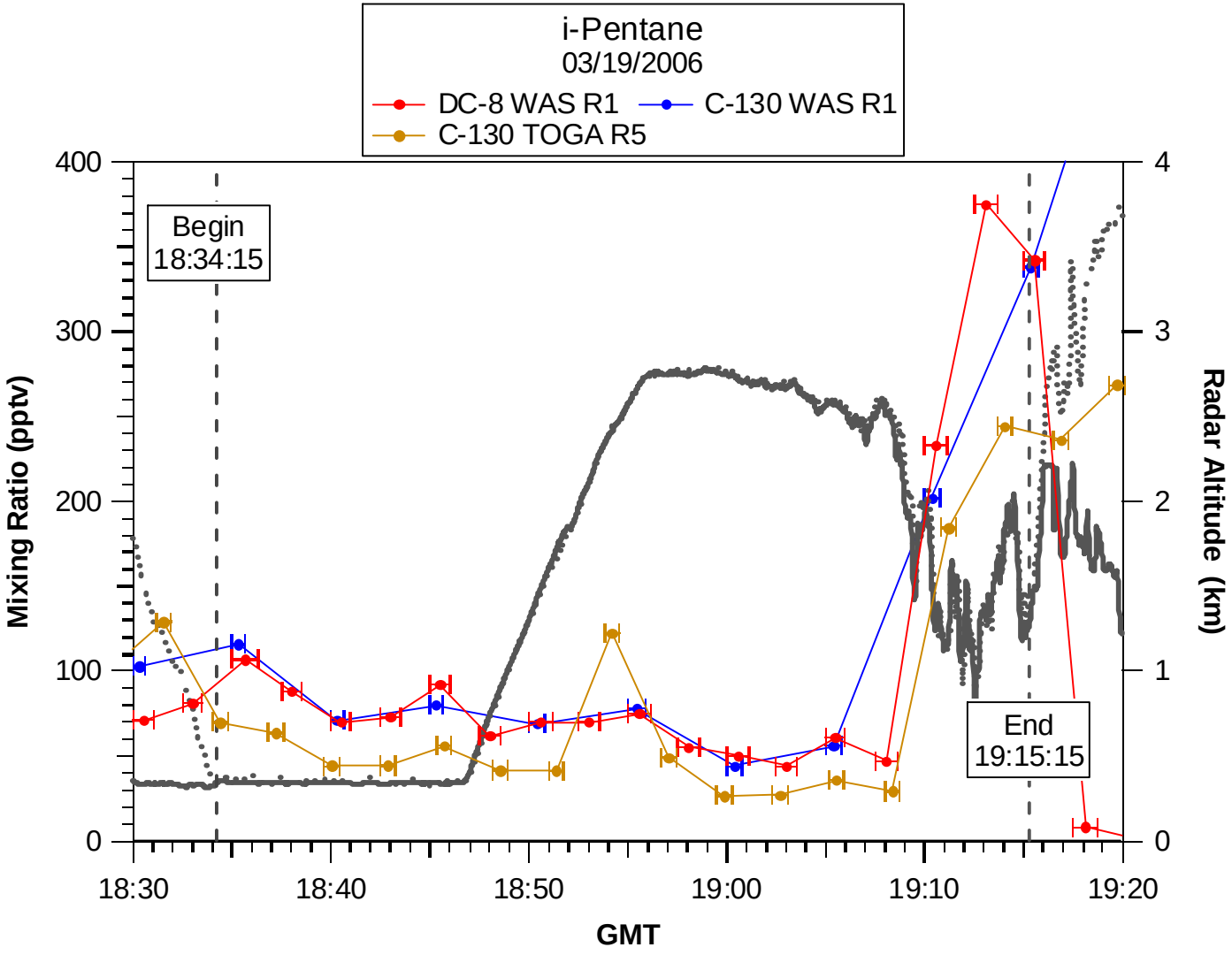

n-Butane
03/19/2006
DC-8 WAS R1
C-130 WAS R1
C-130 TOGA R5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
200
400
600
800
1000
1200
1400
1600
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

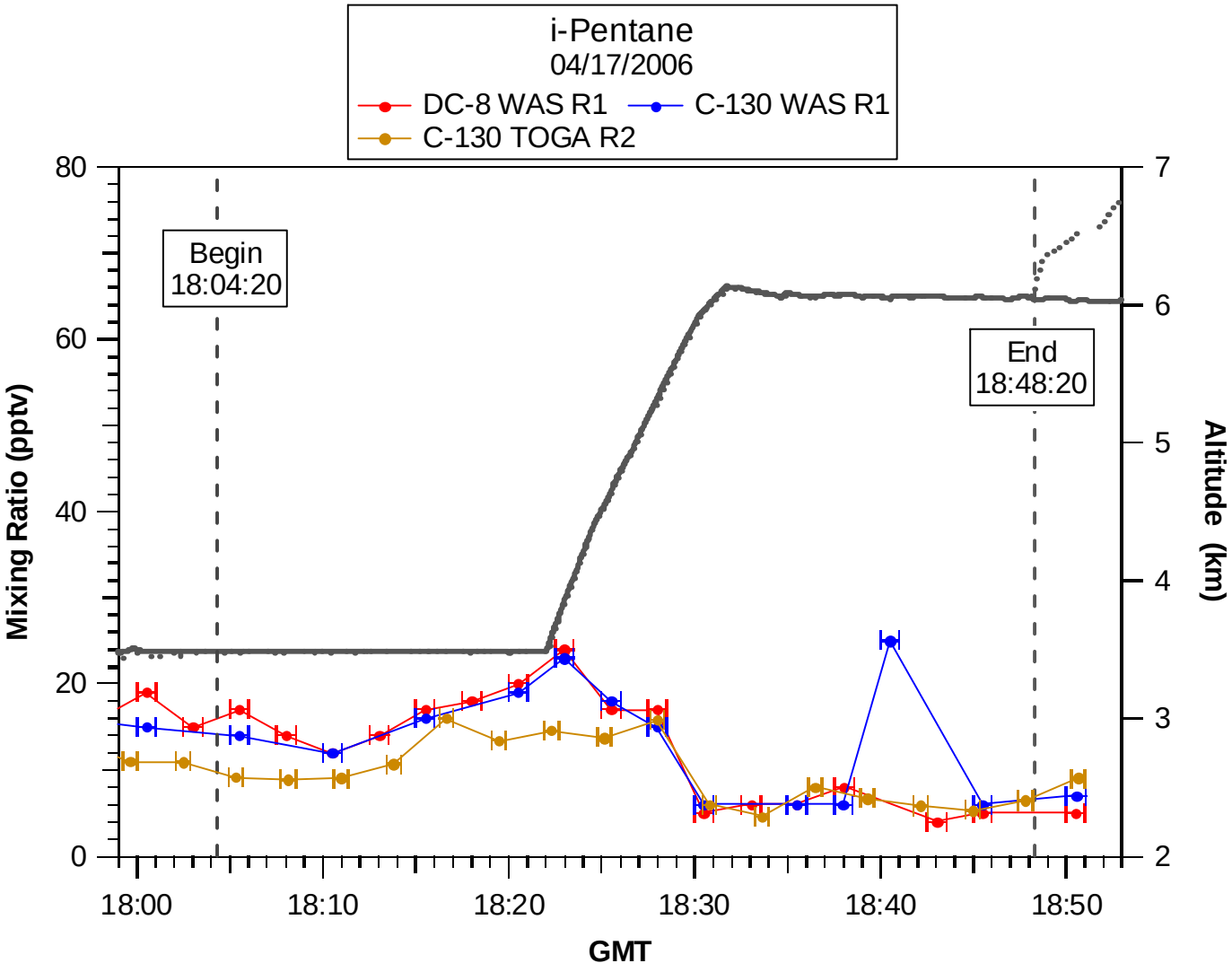

n-Butane
04/17/2006
DC-8 WAS R1
C-130 WAS R1
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
100
80
60
40
20
0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

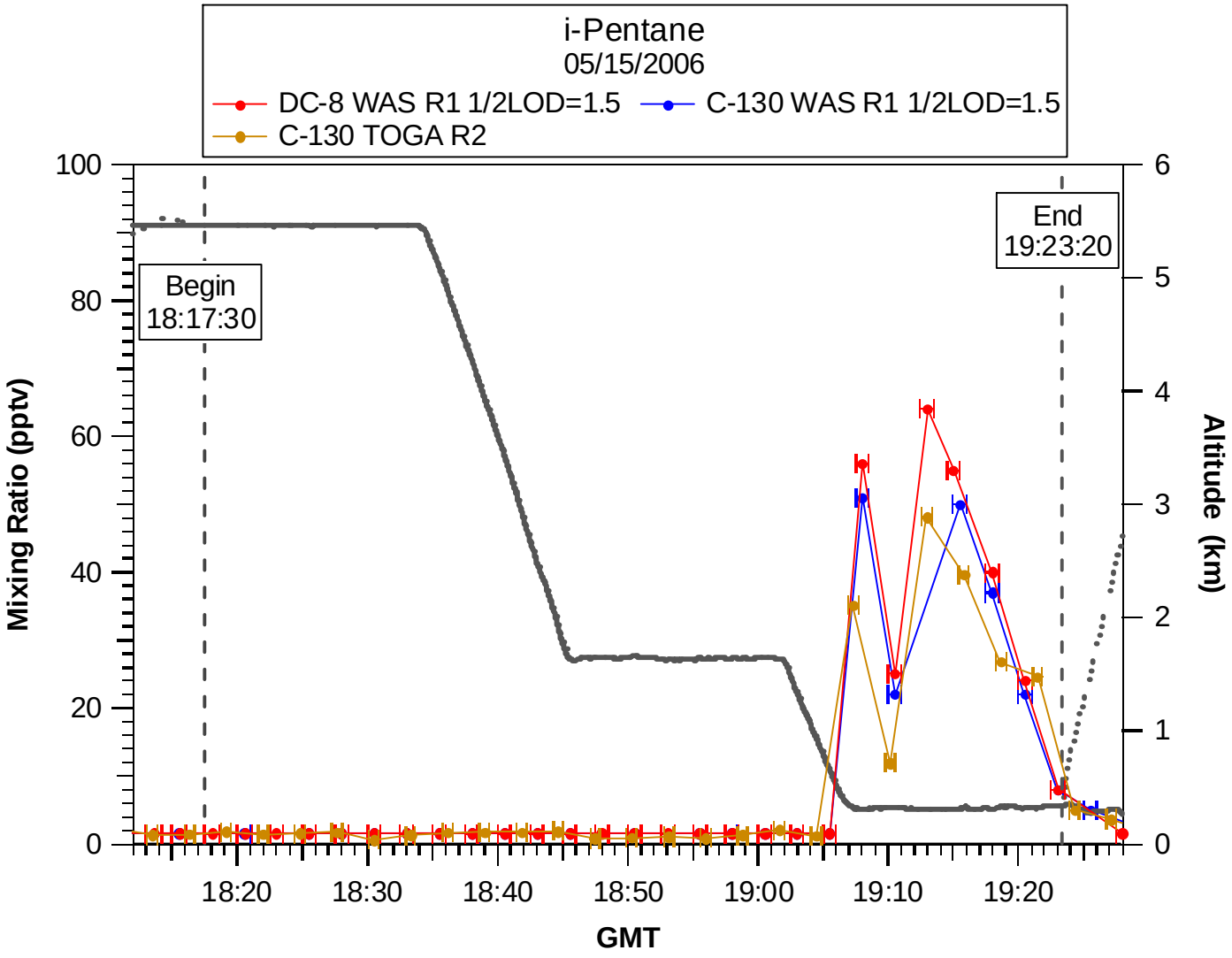

n-Butane
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R2
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
100
80
60
40
20
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

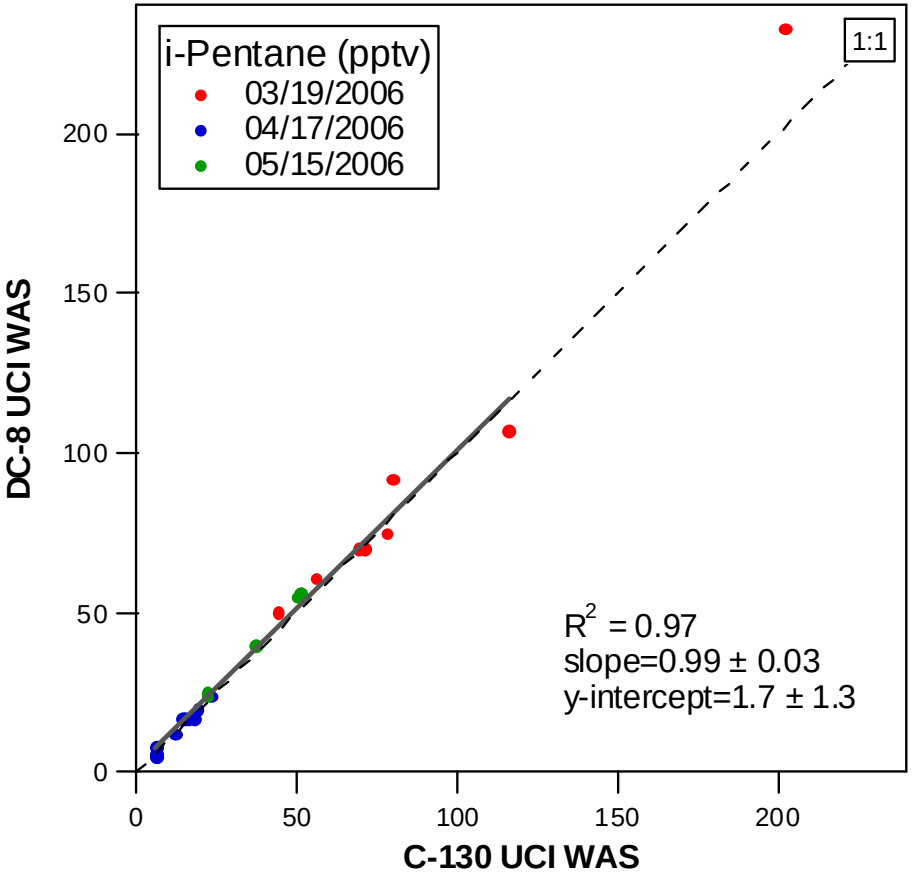

n-Butane (pptv)
03/19/2006
04/17/2006
05/15/2006
1:1
R^2 = 0.97
slope=0.94 ± 0.02
y-intercept=3.8 ± 1.9
DC-8 UCI WAS
C-130 UCI WAS
100
200
300
400
500

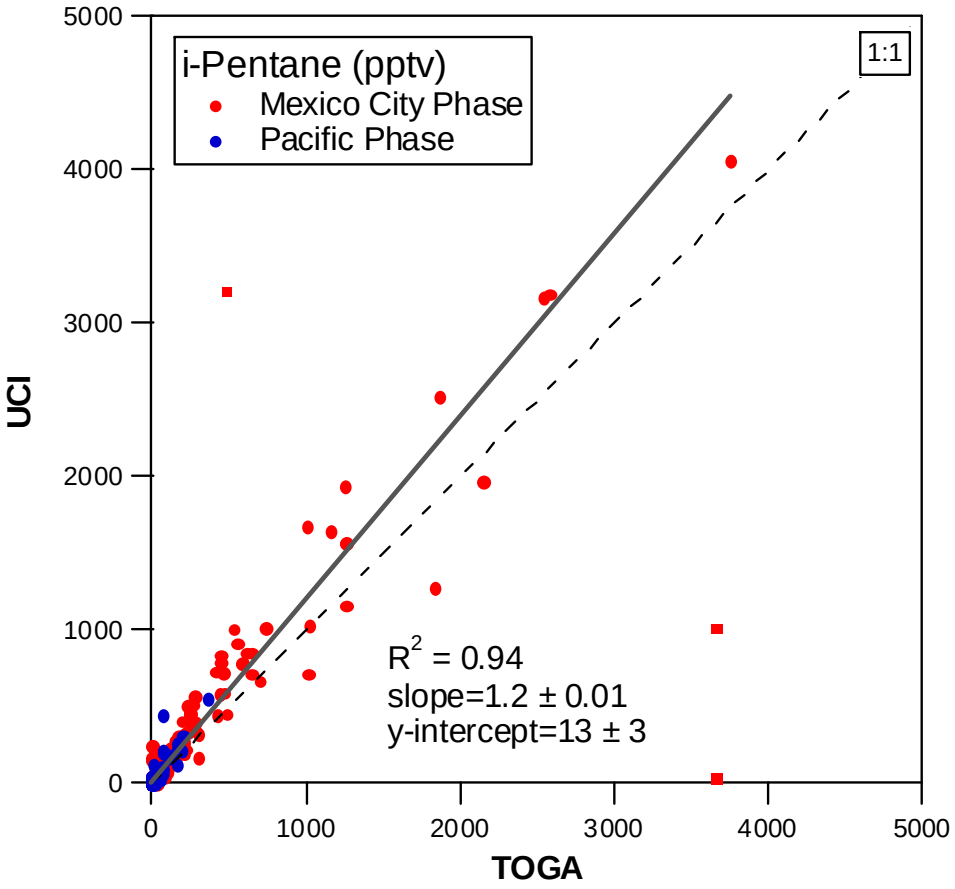

n-Butane (pptv)
Mexico City Phase
Pacific Phase
1:1
R^2 = 0.94
slope=0.85 ± 0.01
y-intercept=22± 7
UCI
TOGA
14x10^3
12
10
8
6
4
2
0
0
2
4
6
8
10
12
14x10^3

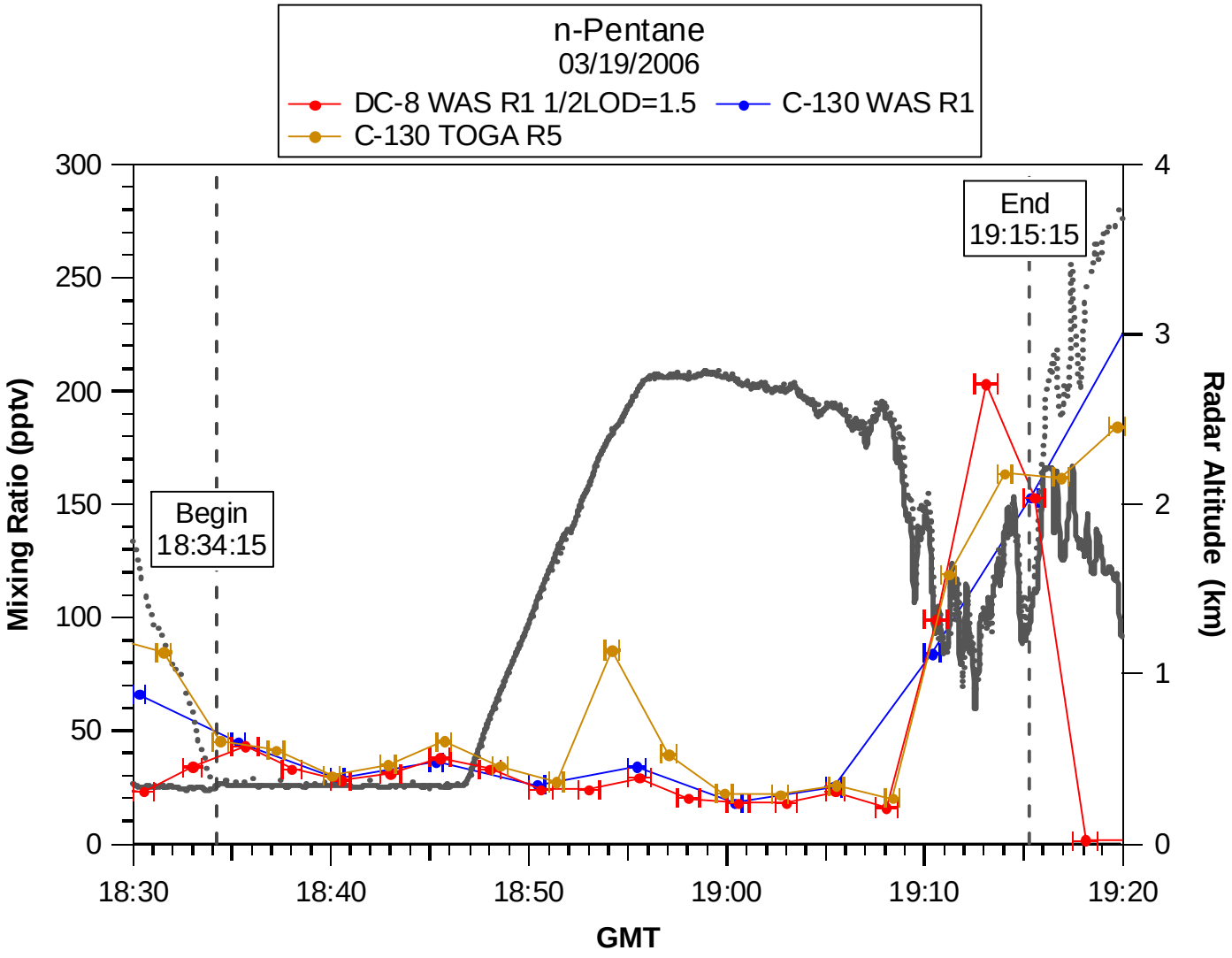

i-Pentane
03/19/2006
DC-8 WAS R1
C-130 WAS R1
C-130 TOGA R5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
400
300
200
100
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

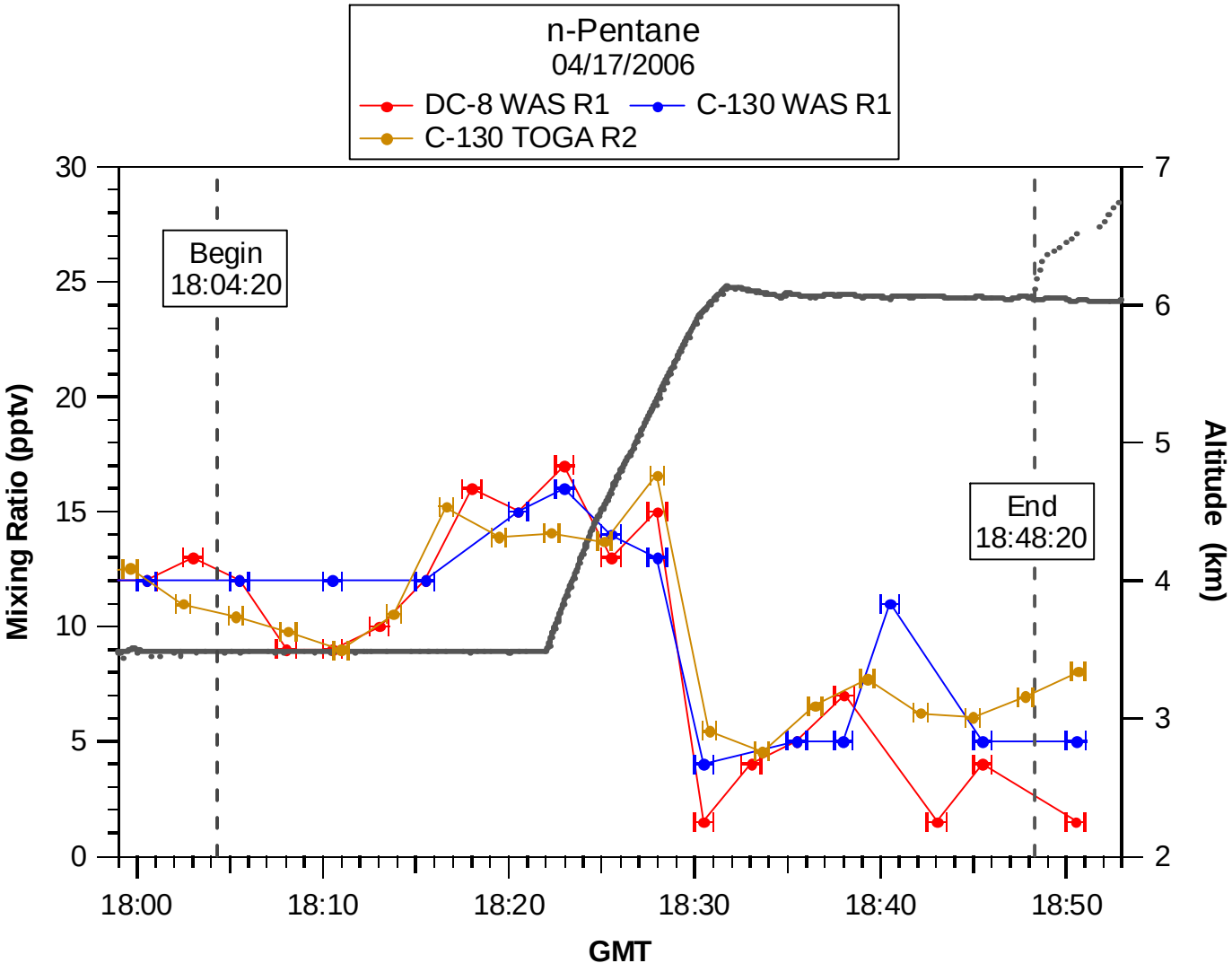

i-Pentane
04/17/2006
DC-8 WAS R1
C-130 WAS R1
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
20
40
60
80
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

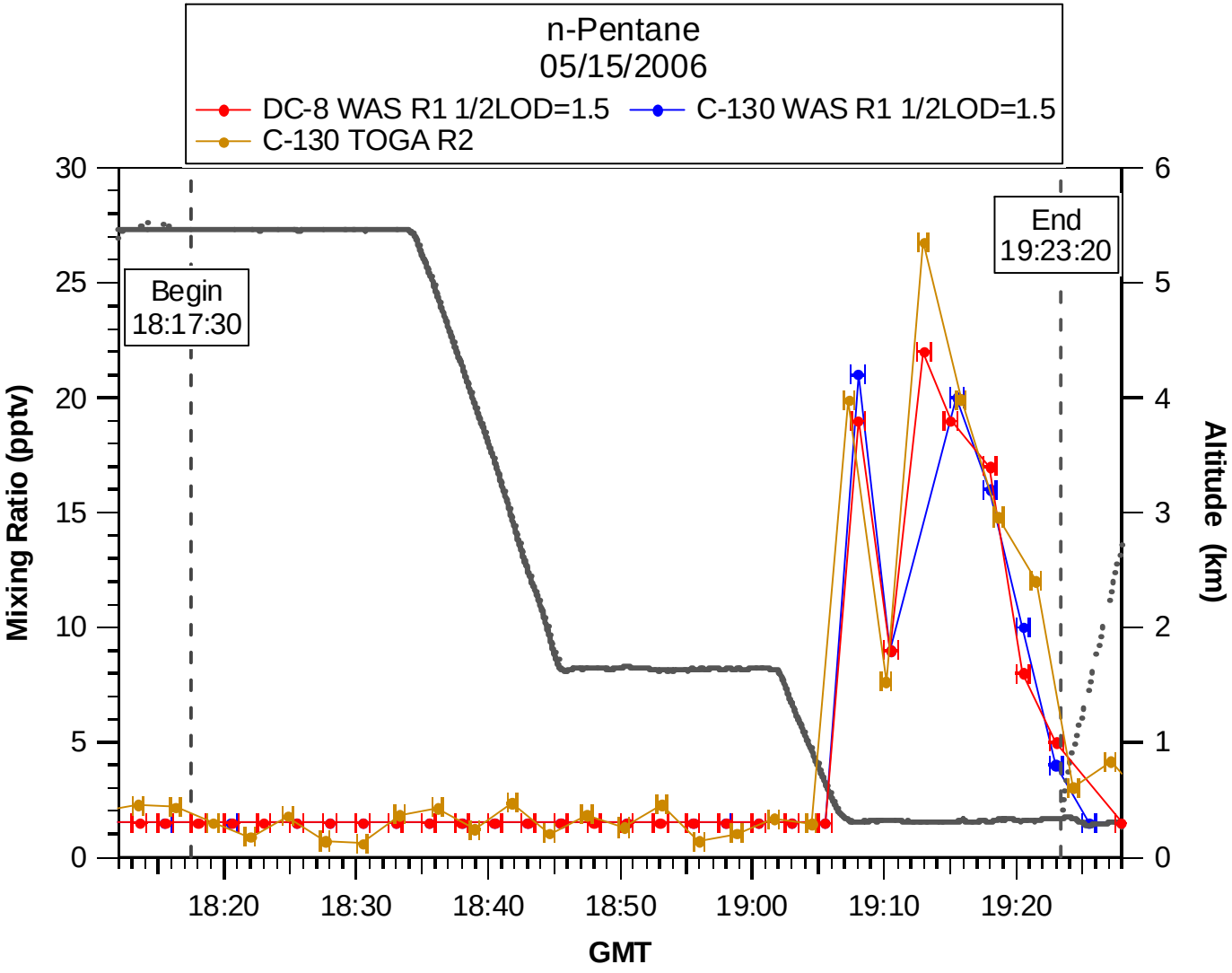

i-Pentane
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R2
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
100
80
60
40
20
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

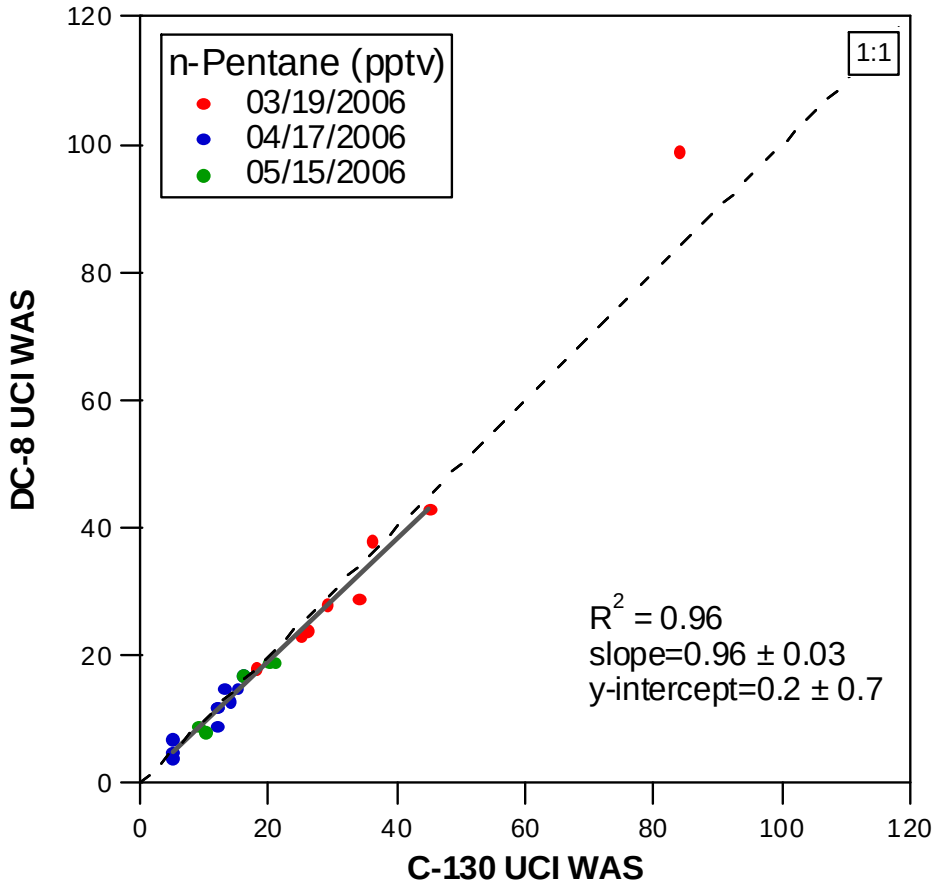

i-Pentane (pptv)
03/19/2006
04/17/2006
05/15/2006
1:1
R2 = 0.97
slope=0.99 ± 0.03
y-intercept=1.7 ± 1.3
DC-8 UCI WAS
C-130 UCI WAS
0
50
100
150
200

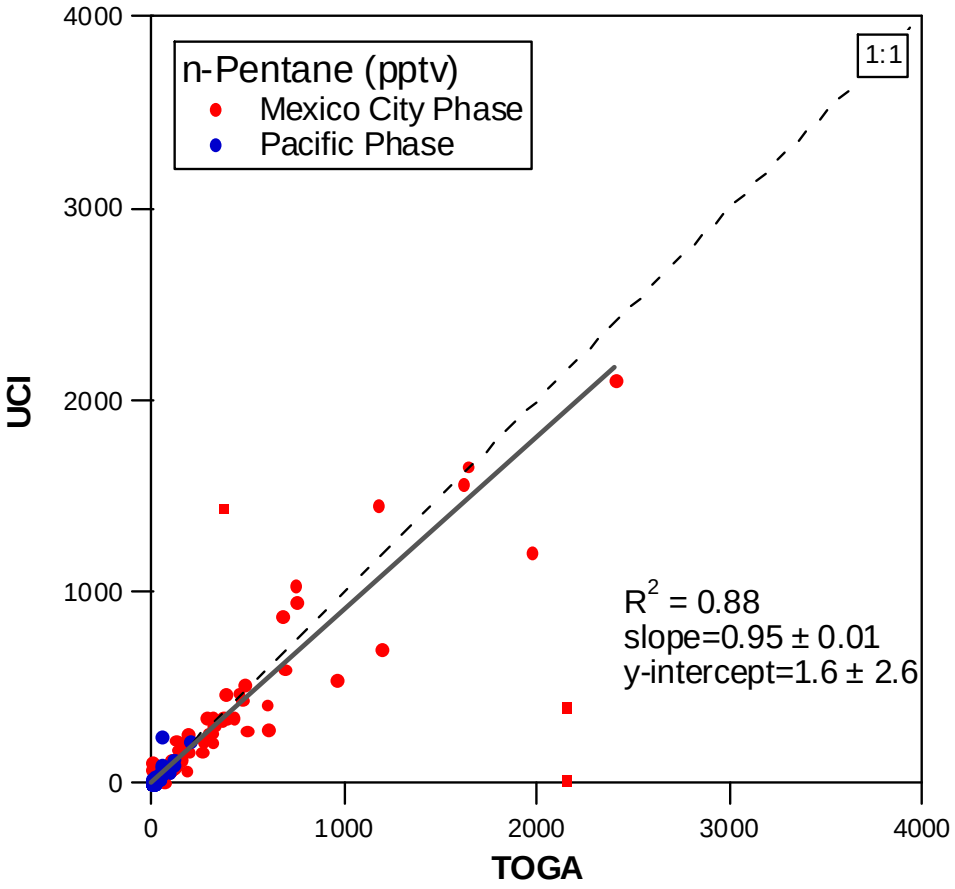

i-Pentane (pptv)
Mexico City Phase
Pacific Phase
1:1
R2 = 0.94
slope=1.2 ± 0.01
y-intercept=13 ± 3
UCI
TOGA
0
1000
2000
3000
4000
5000

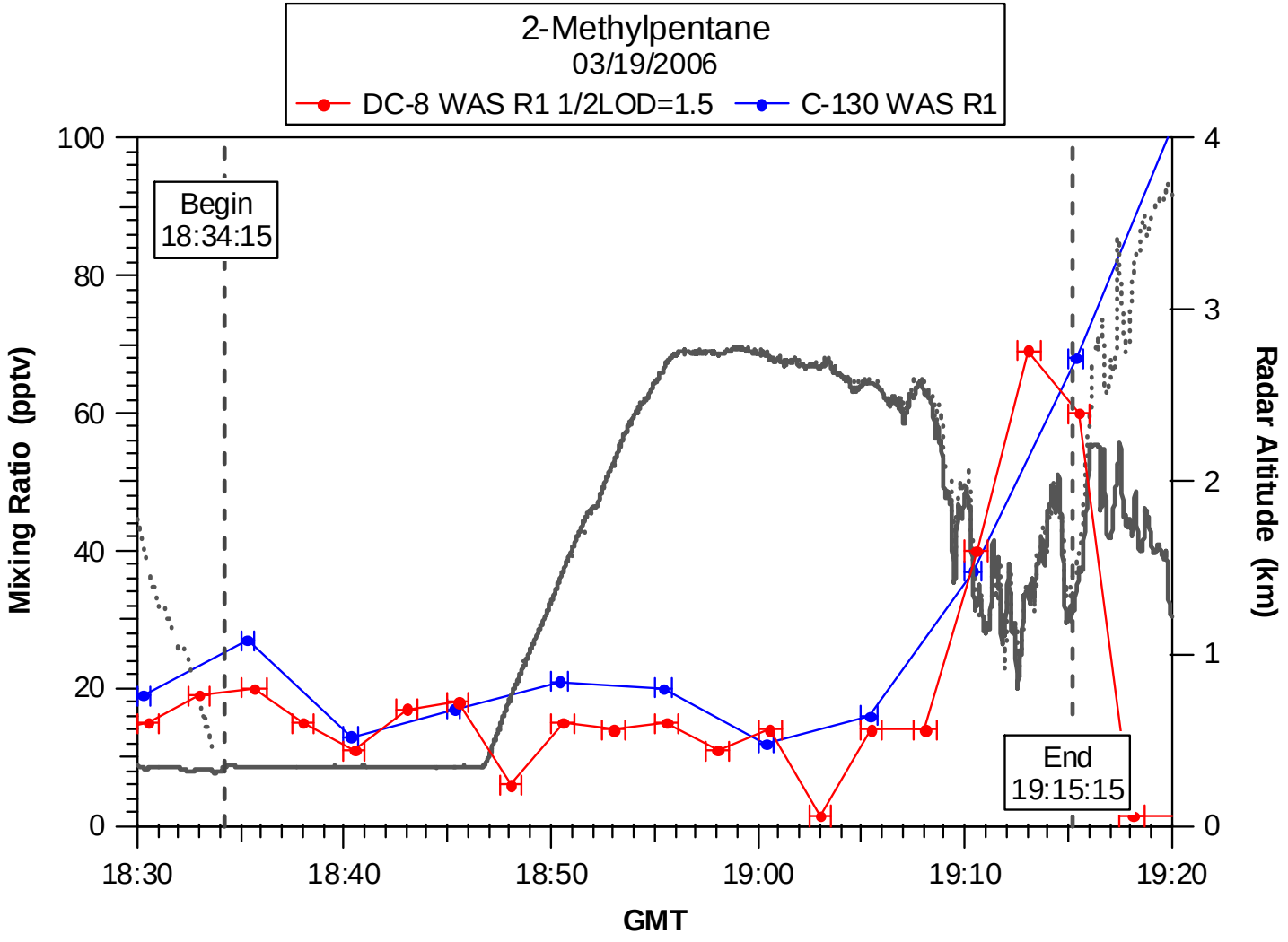

n-Pentane
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1
C-130 TOGA R5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
300
250
200
150
100
50
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

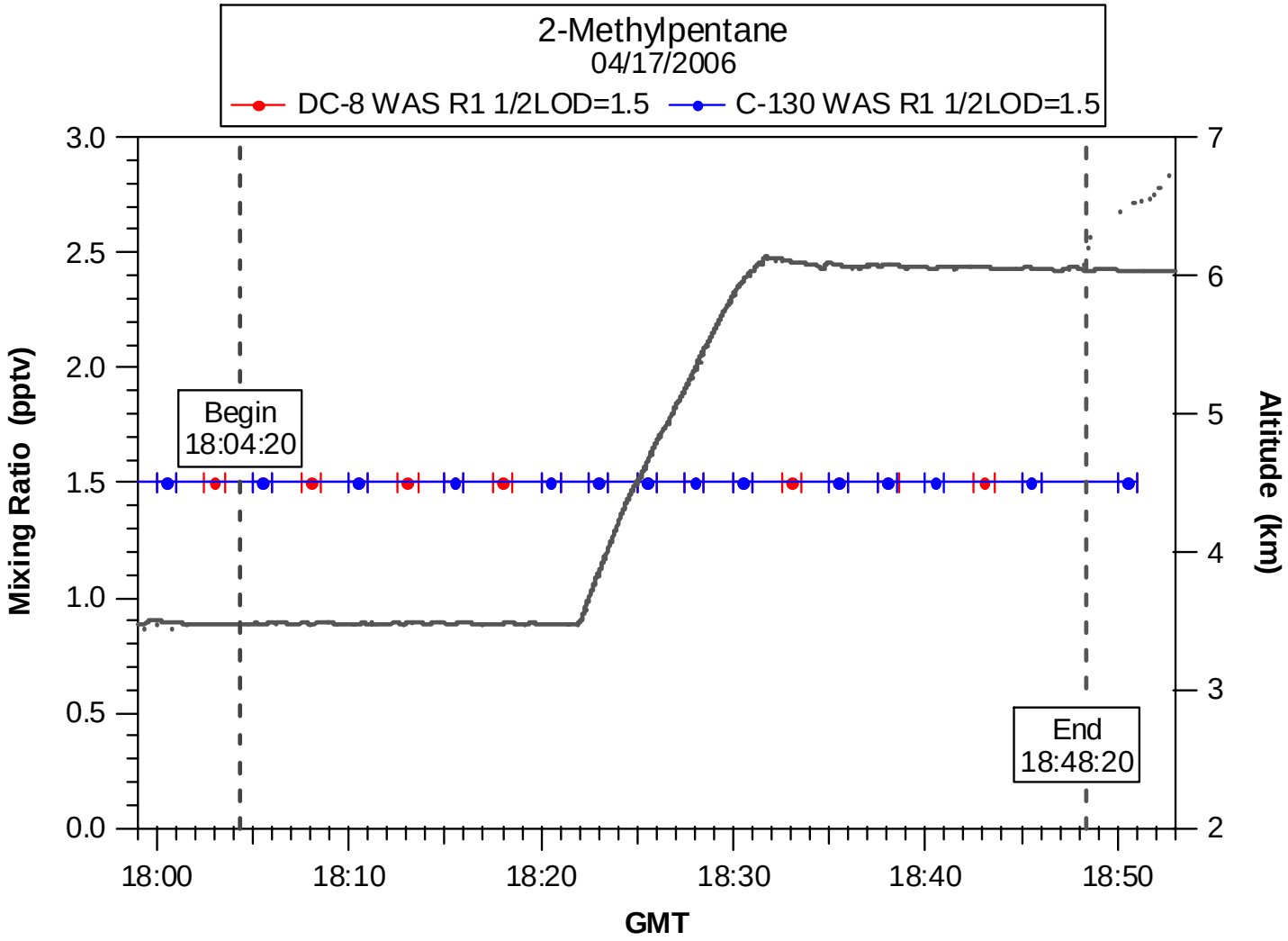

n-Pentane
04/17/2006
DC-8 WAS R1
C-130 WAS R1
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
5
10
15
20
25
30
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

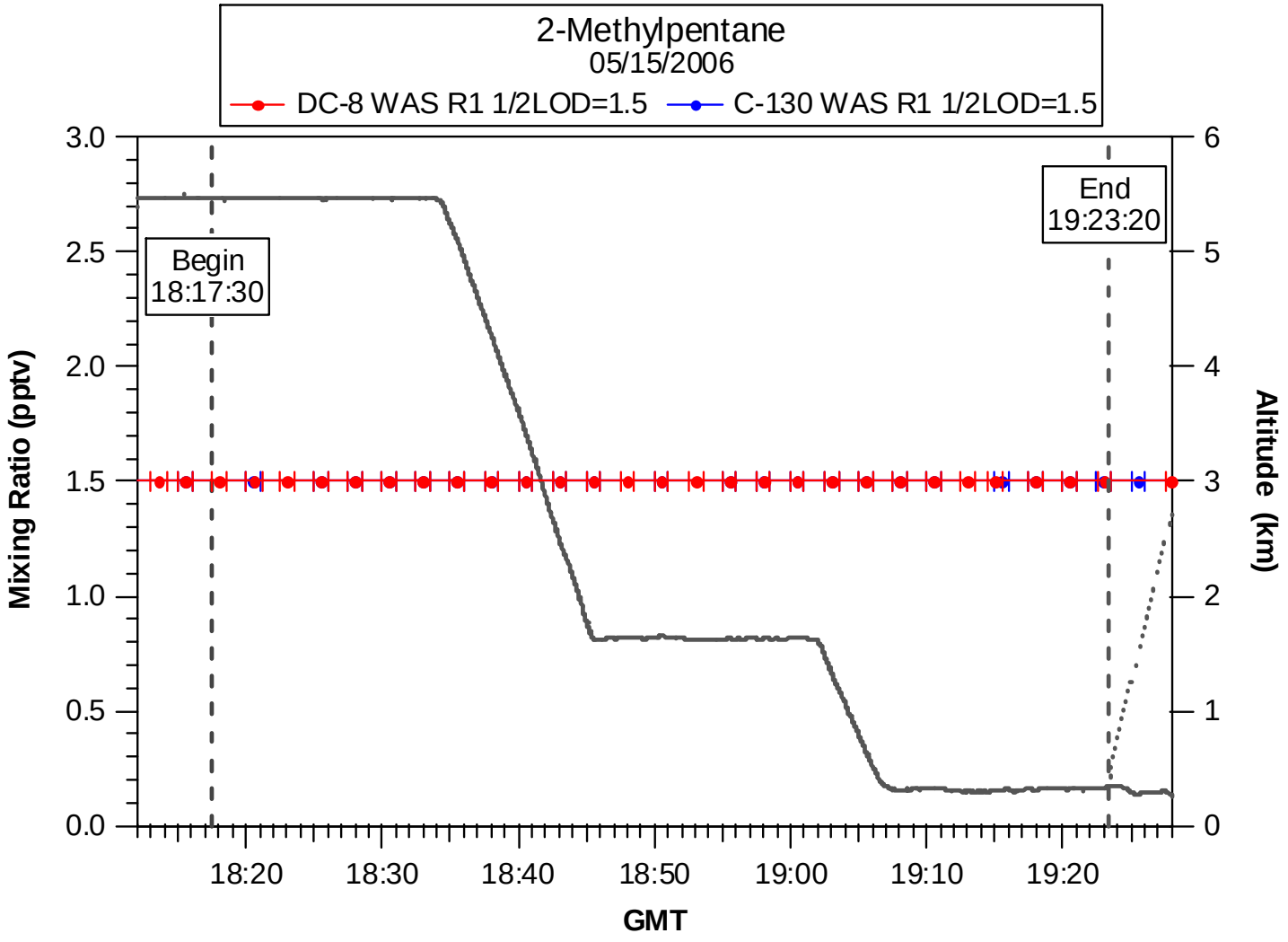

n-Pentane
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R2
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
5
10
15
20
25
30
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

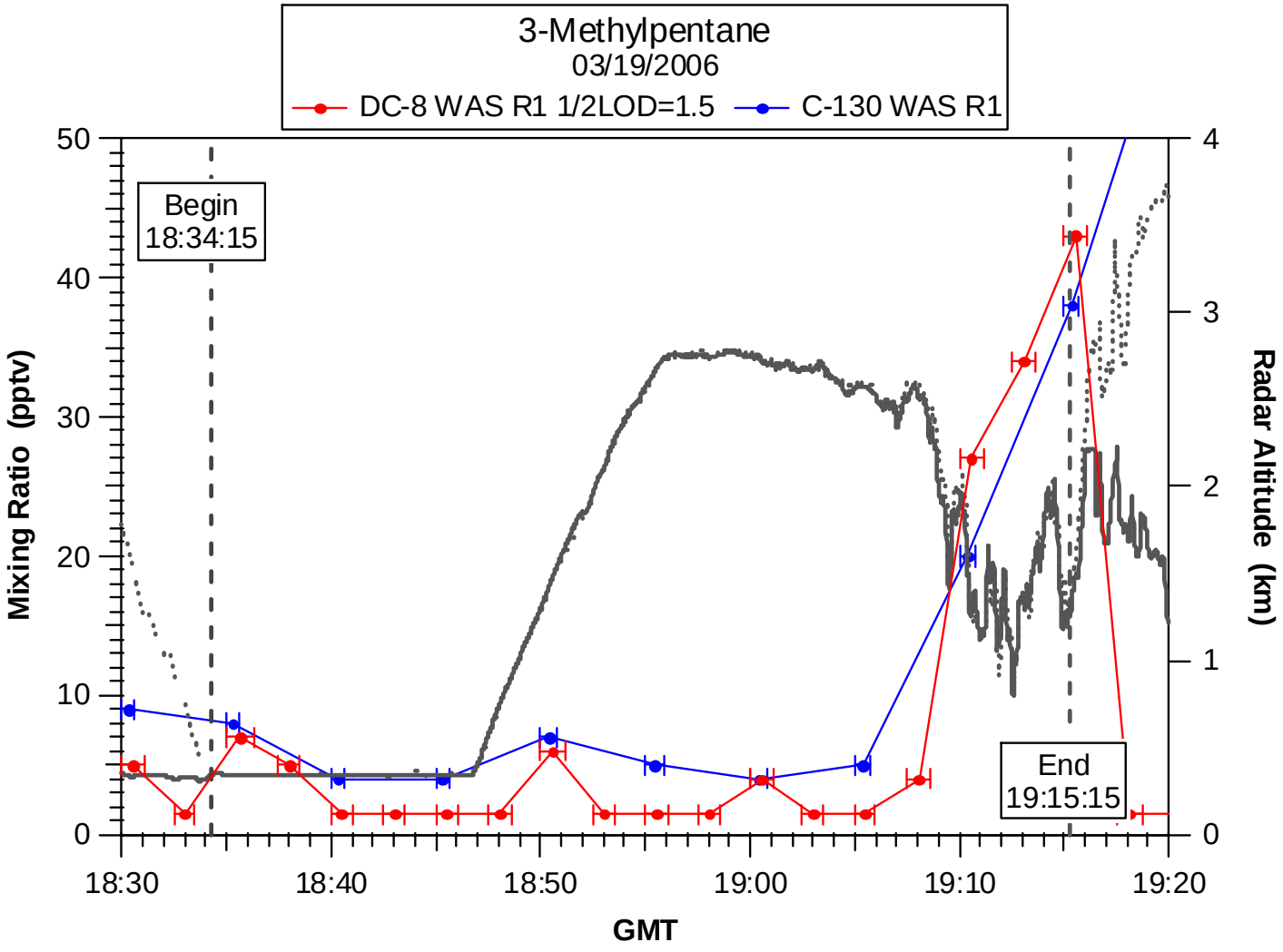

n-Pentane (pptv)
03/19/2006
04/17/2006
05/15/2006
1:1
R2 = 0.96
slope=0.96 ± 0.03
y-intercept=0.2 ± 0.7
DC-8 UCI WAS
C-130 UCI WAS
0
20
40
60
80
100
120

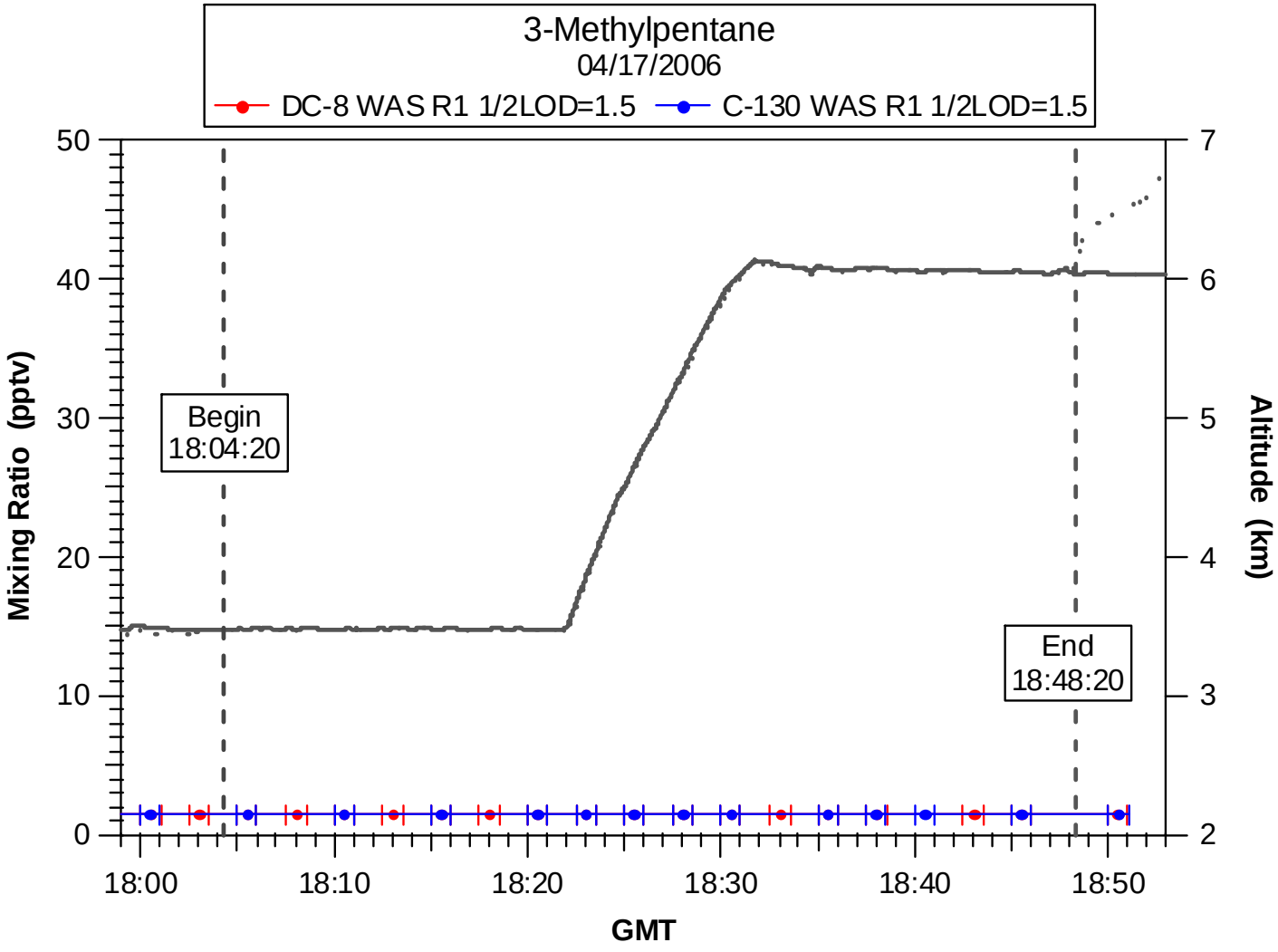

n-Pentane (pptv)
Mexico City Phase
Pacific Phase
1:1
R2 = 0.88
slope=0.95 ± 0.01
y-intercept=1.6 ± 2.6
UCI
TOGA
0
1000
2000
3000
4000

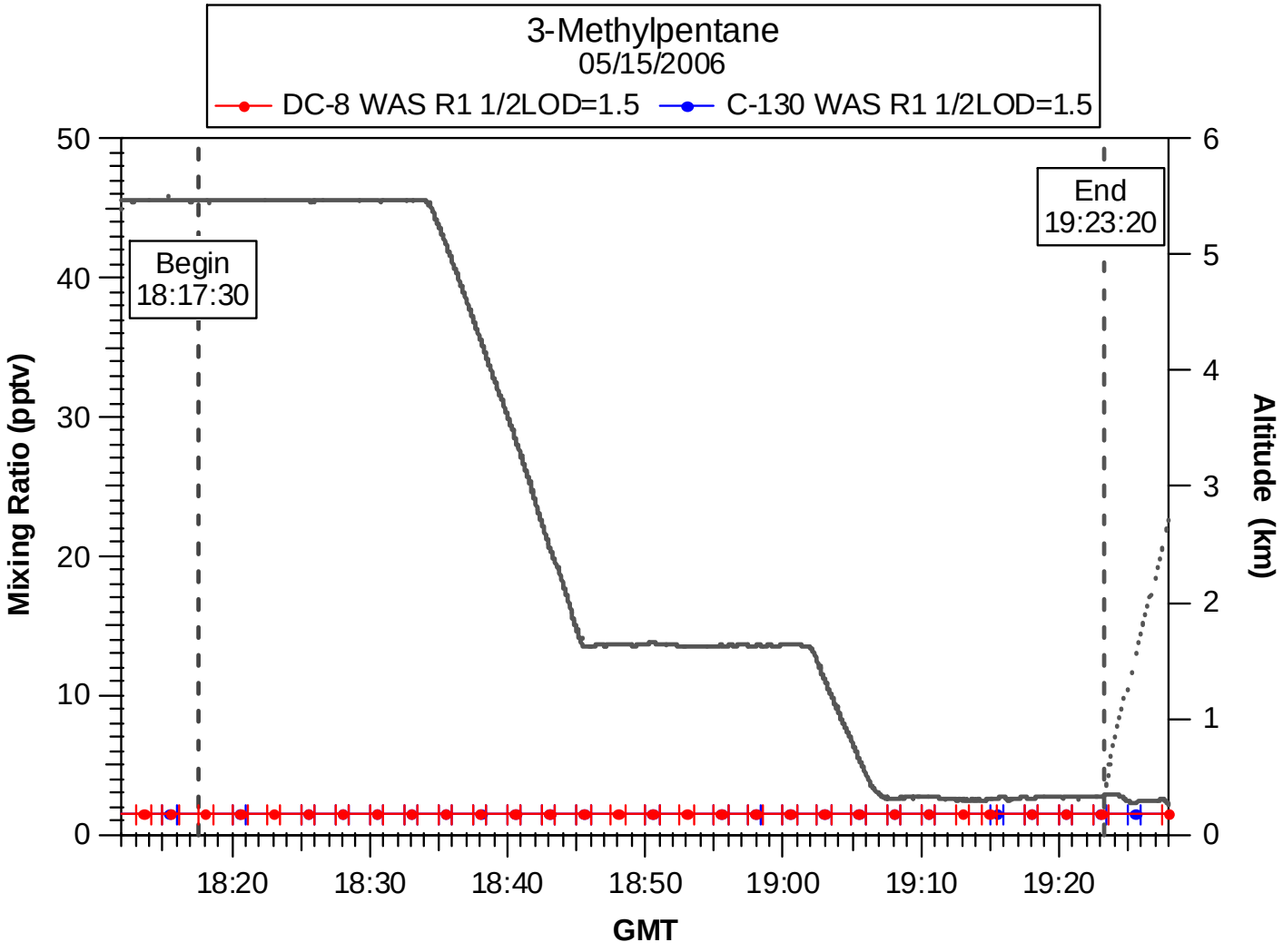

2-Methylpentane
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
100
80
60
40
20
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

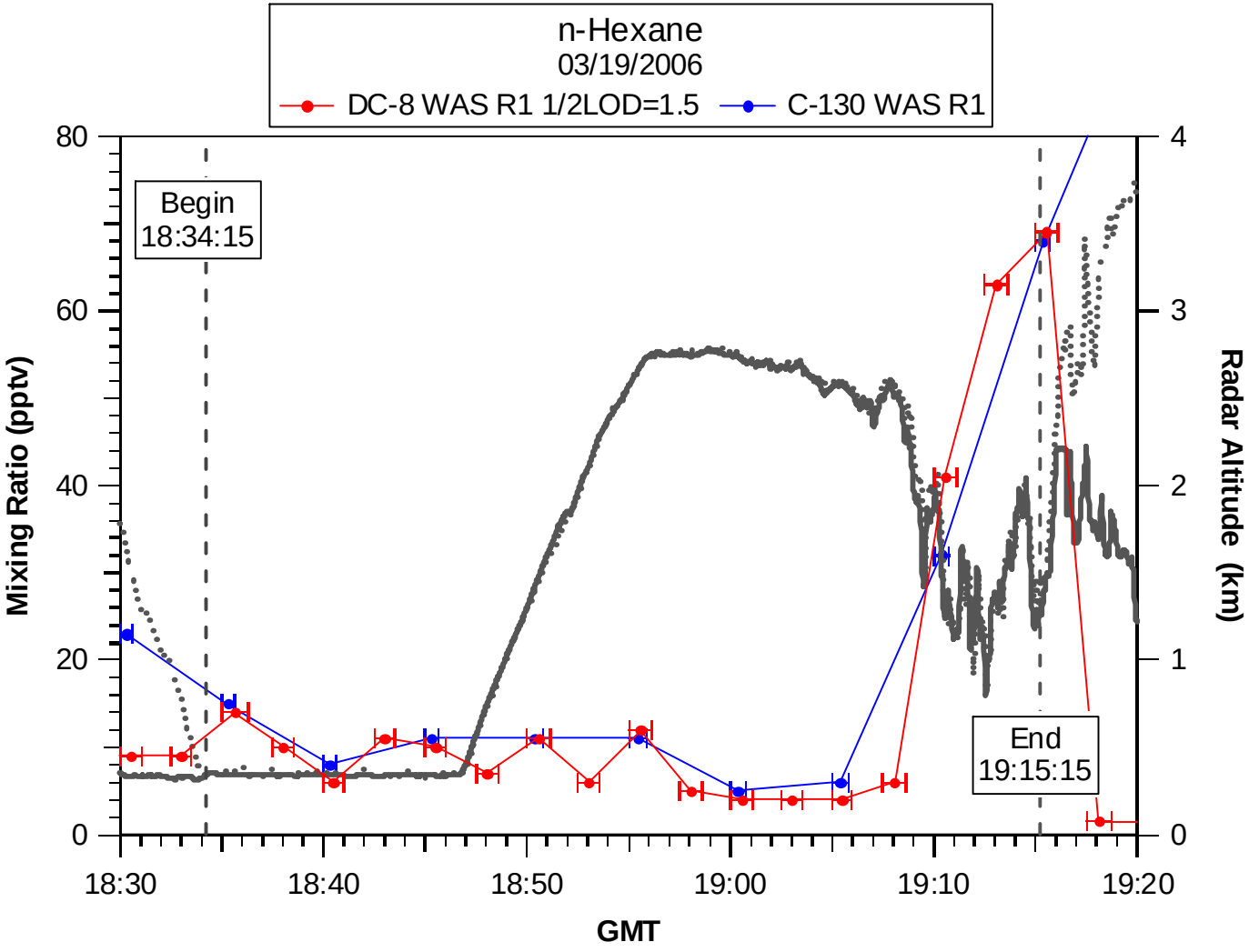

2-Methylpentane
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

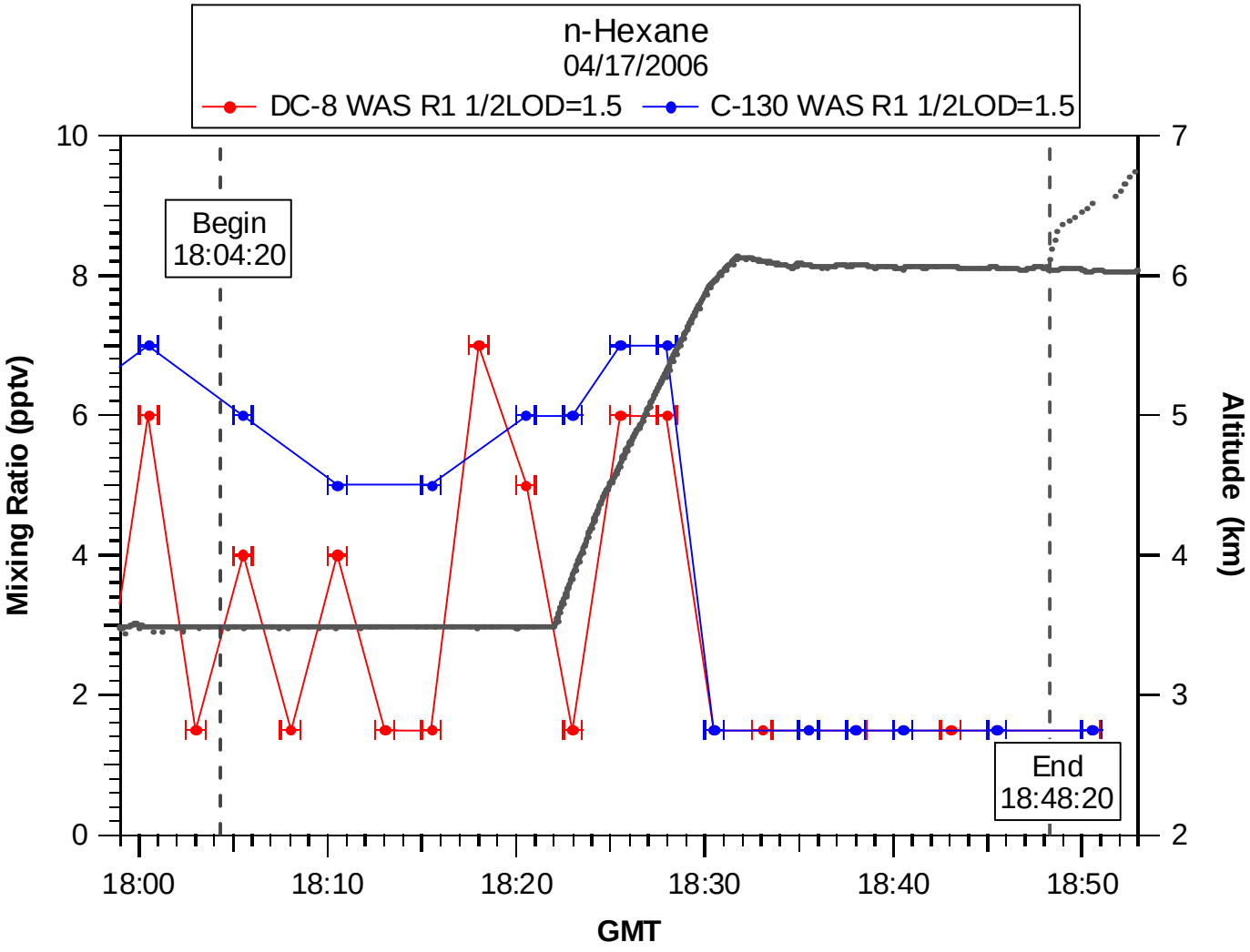

2-Methylpentane
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

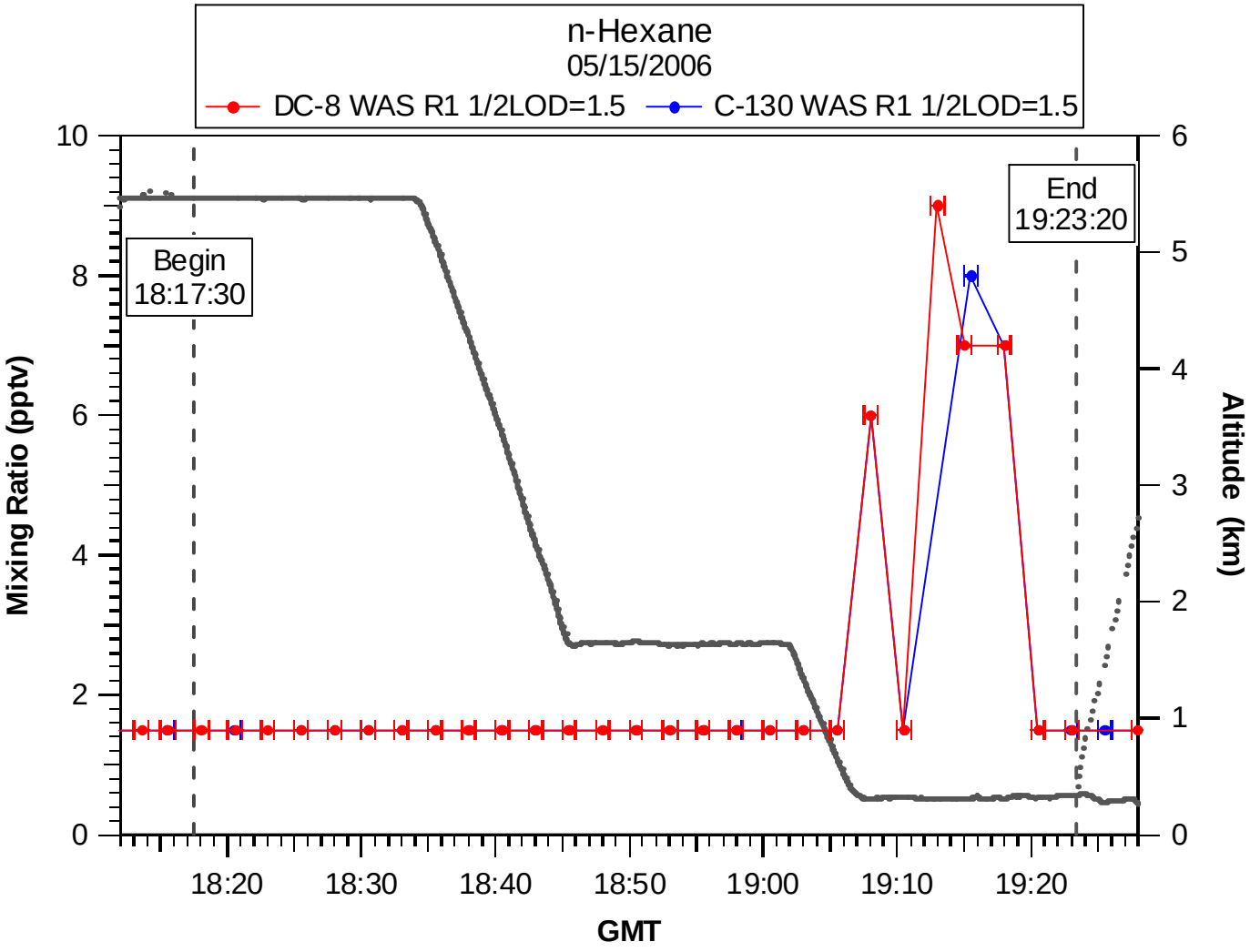

3-Methylpentane
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
10
20
30
40
50
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

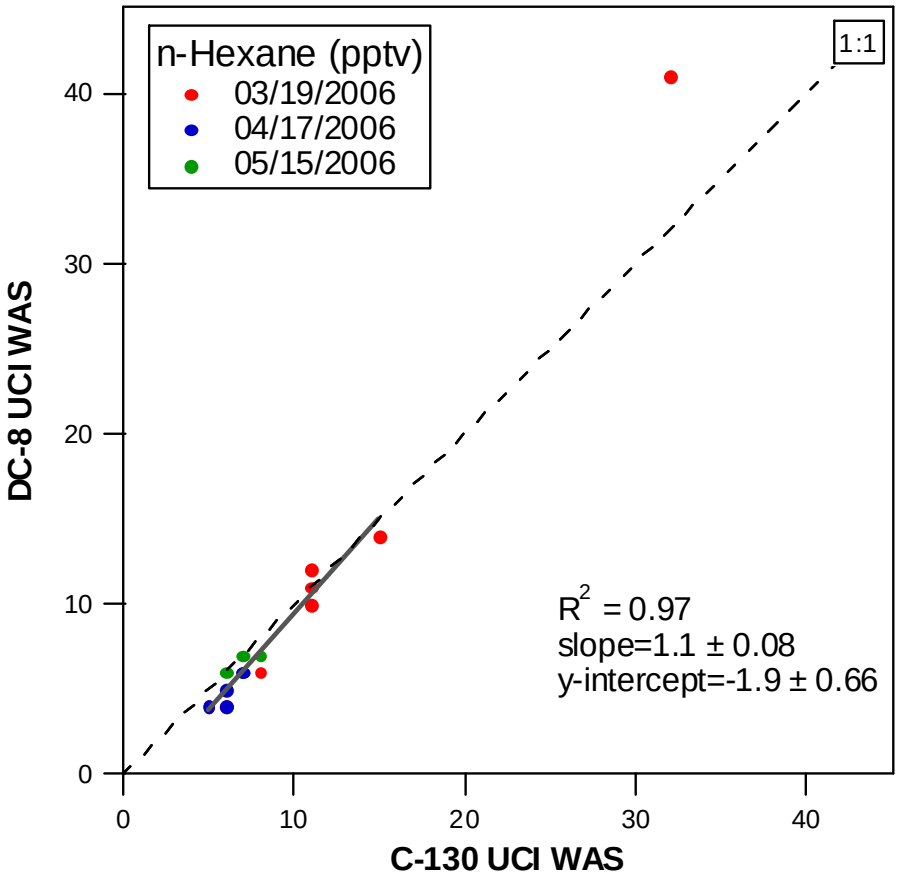

3-Methylpentane
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
10
20
30
40
50
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

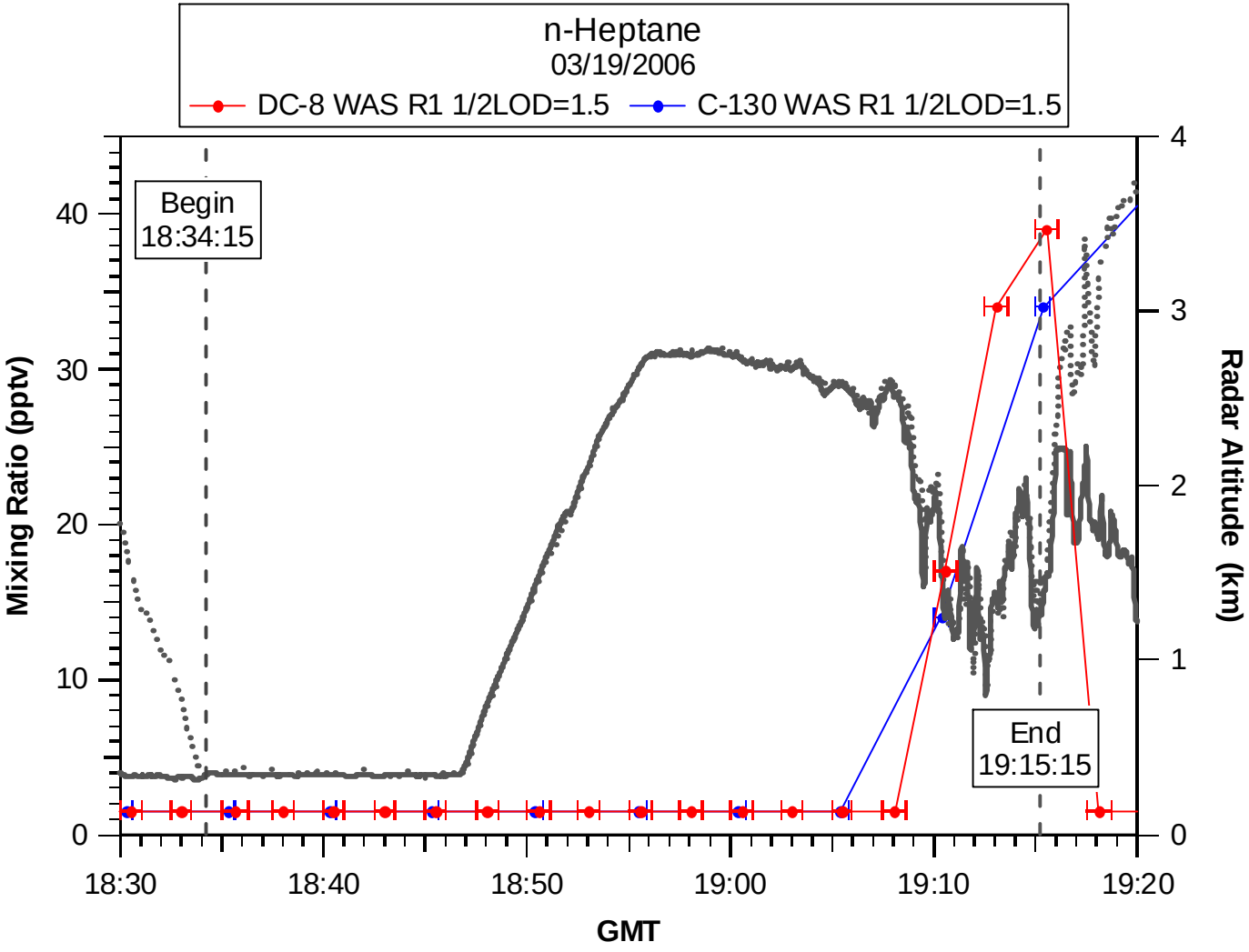

3-Methylpentane
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
10
20
30
40
50
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

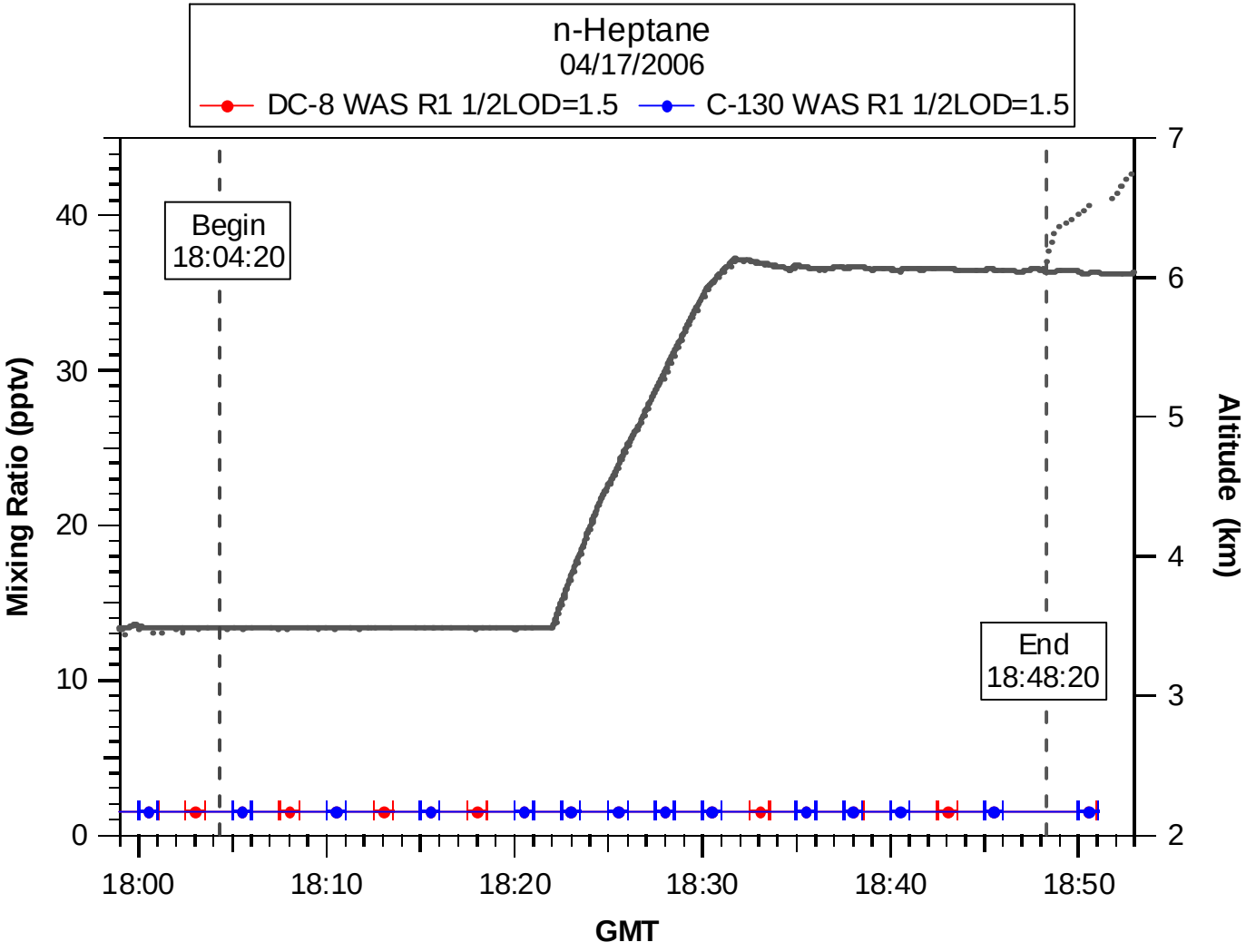

n-Hexane
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
20
40
60
80
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

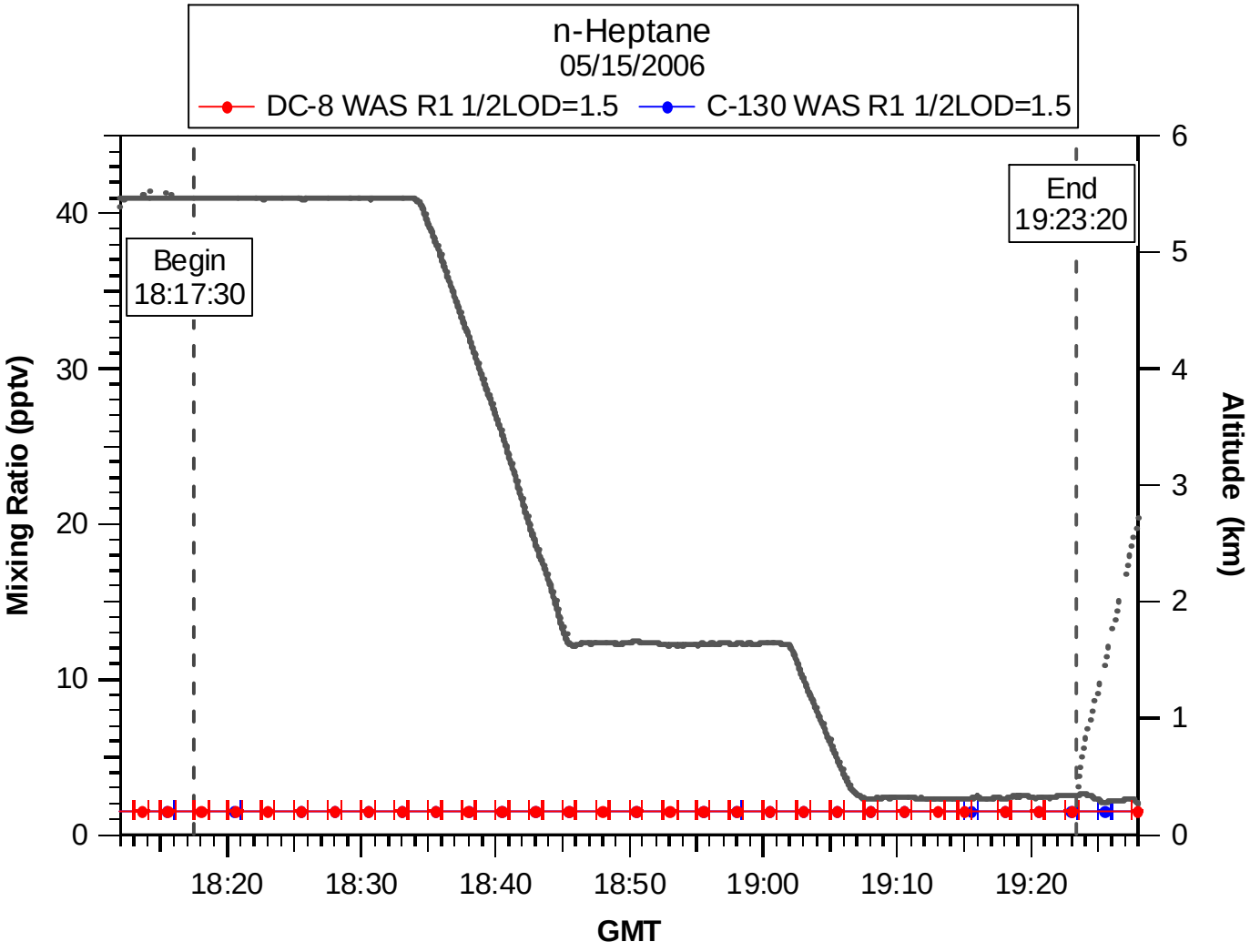

n-Hexane
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

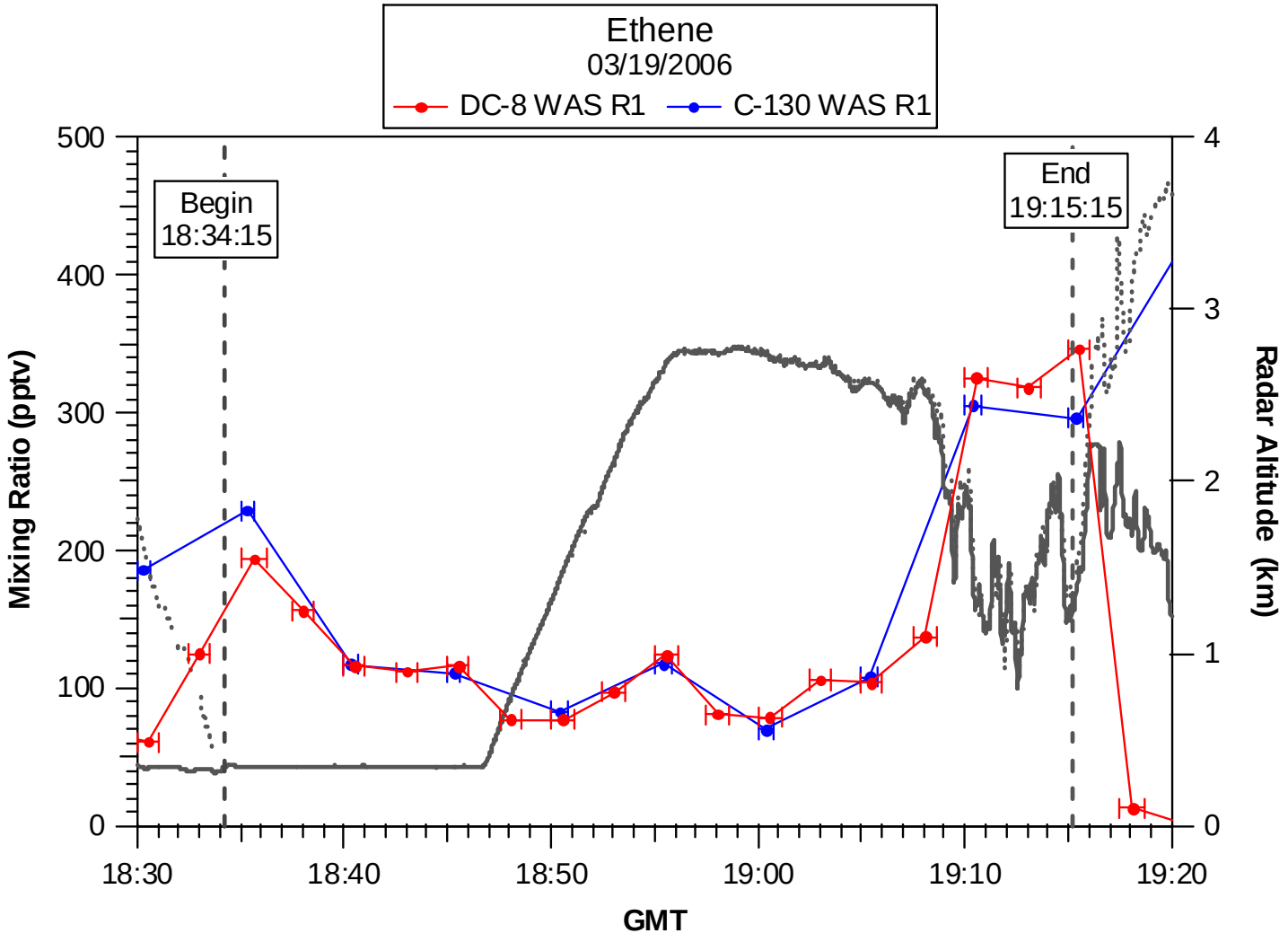

n-Hexane
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

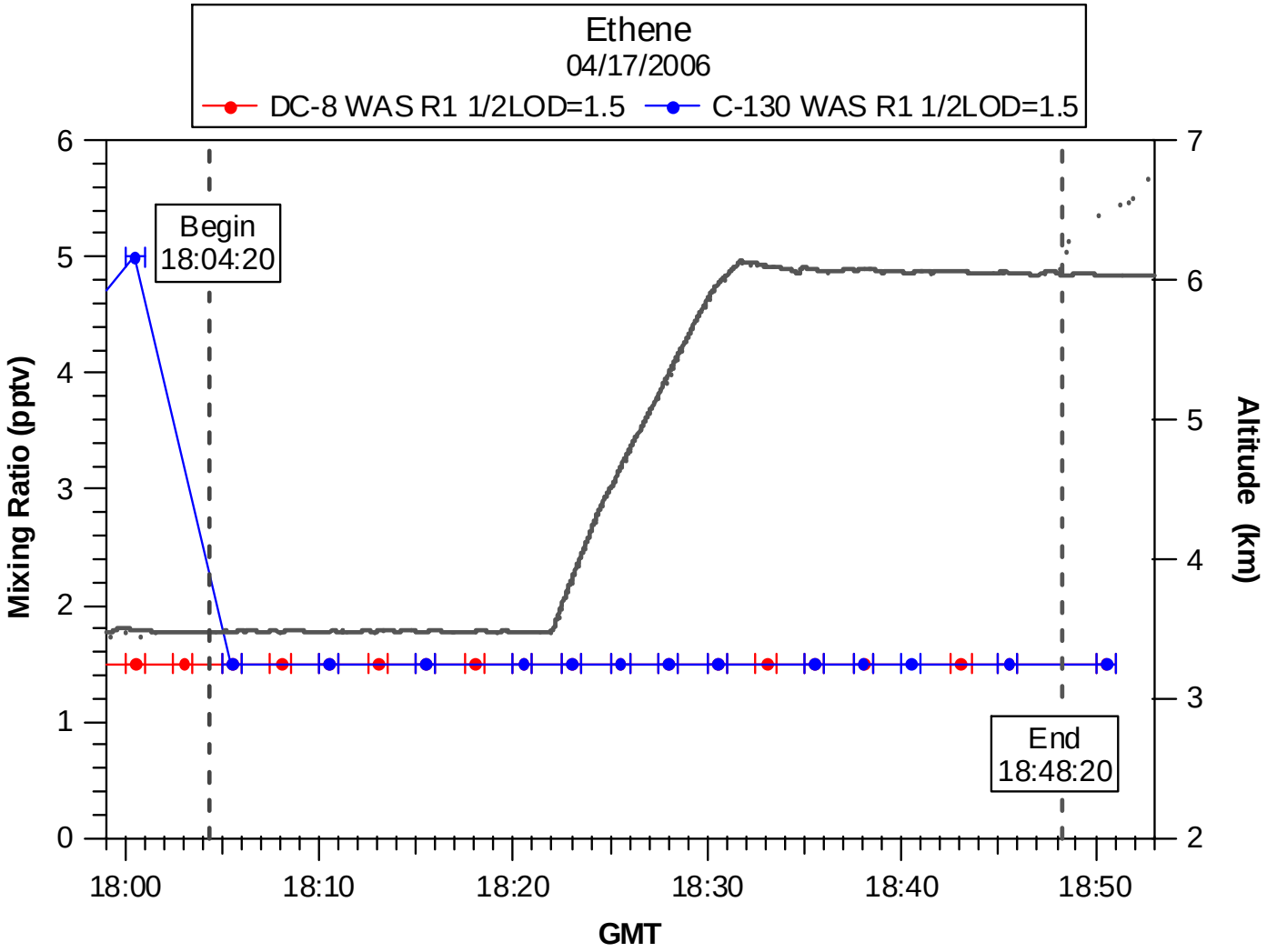

n-Hexane (pptv)
03/19/2006
04/17/2006
05/15/2006
1:1
R2 = 0.97
slope=1.1 ± 0.08
y-intercept=-1.9 ± 0.66
DC-8 UCI WAS
C-130 UCI WAS
0
10
20
30
40

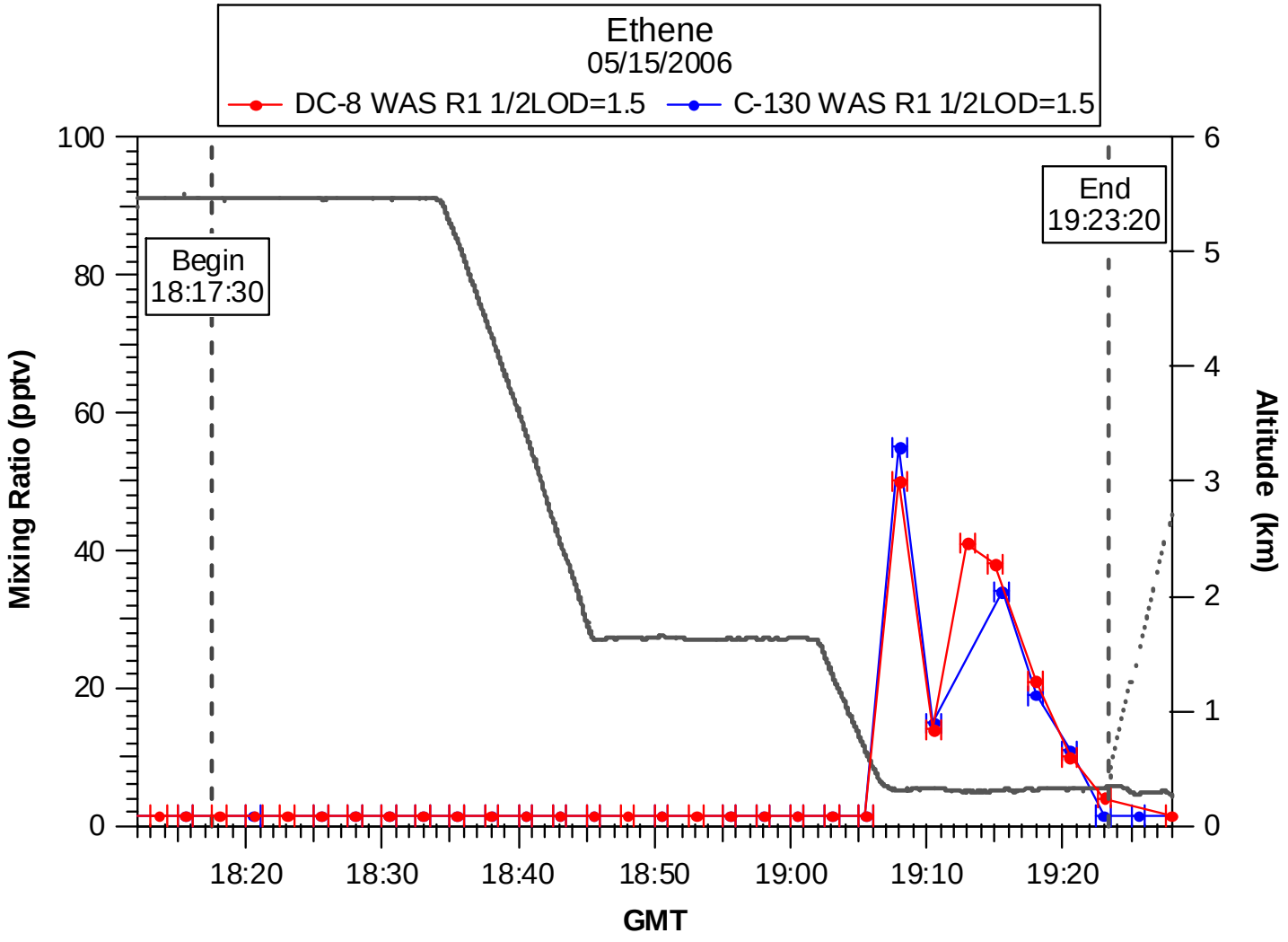

n-Heptane
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
10
20
30
40
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

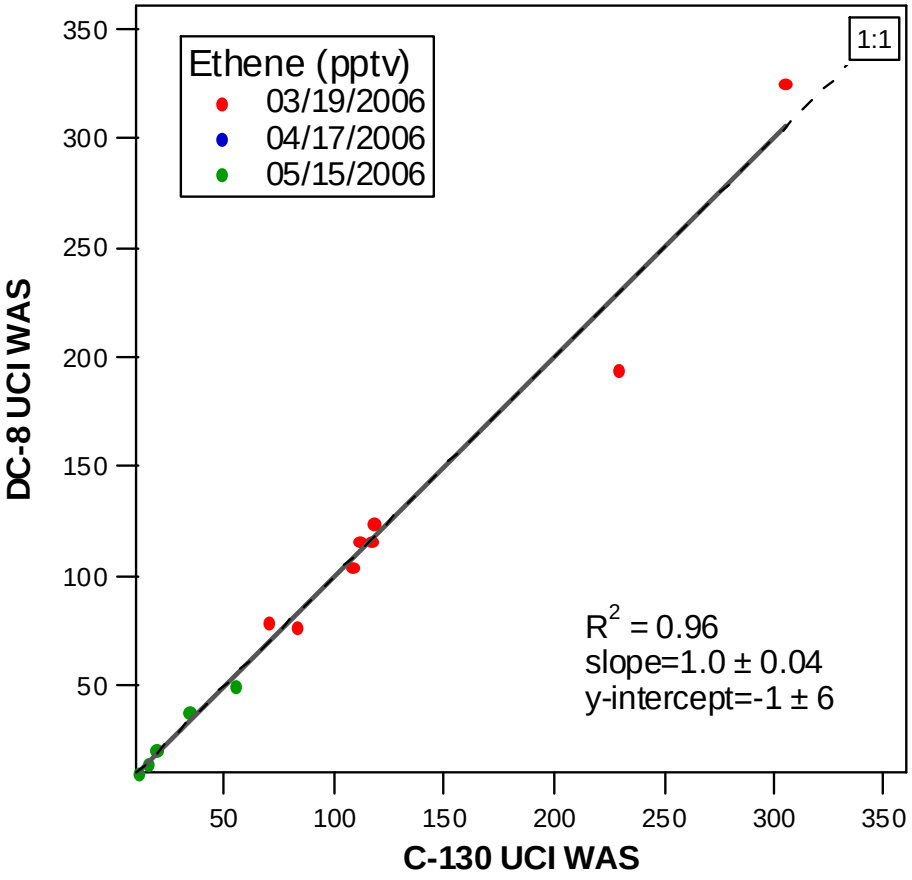

n-Heptane
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
10
20
30
40
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

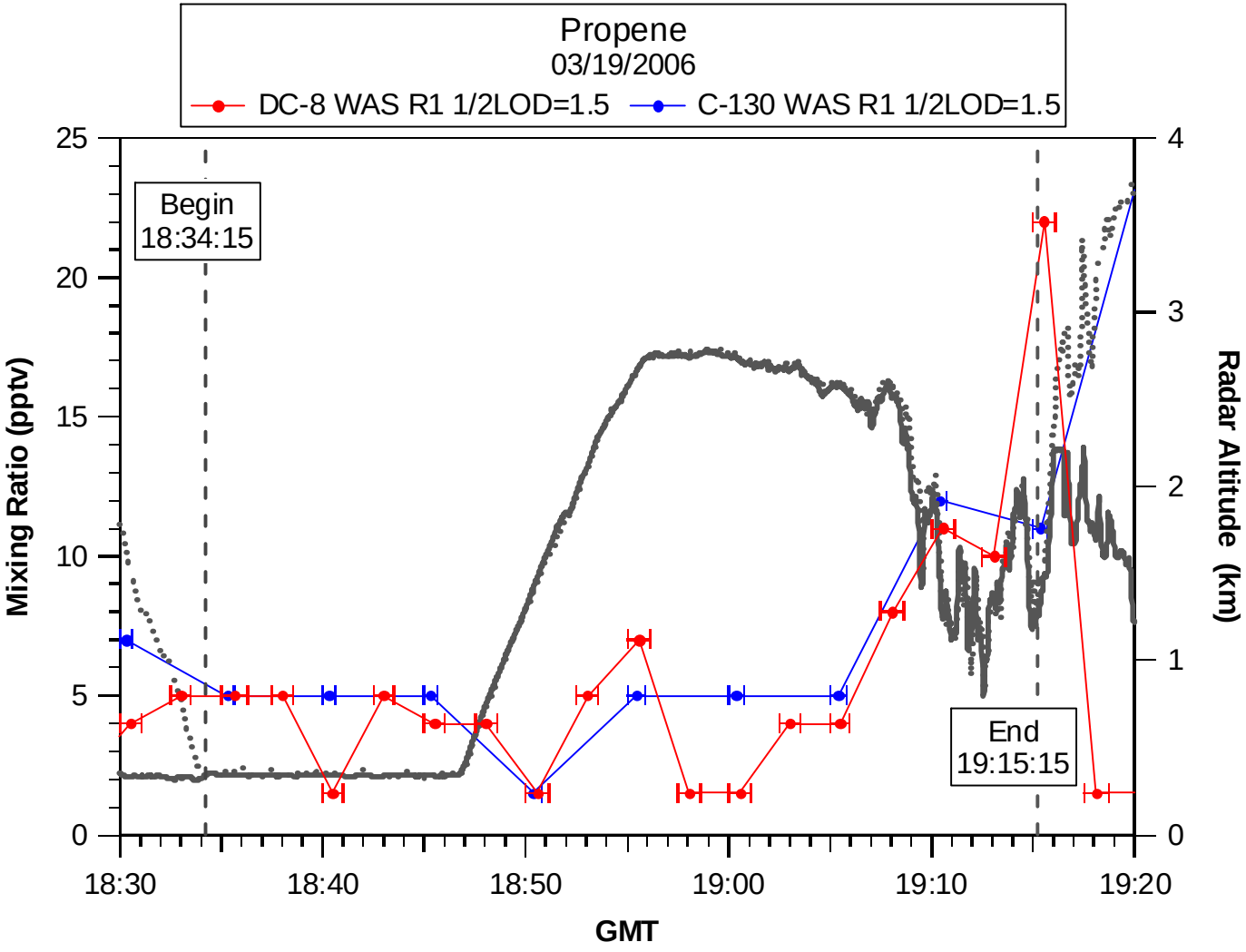

n-Heptane
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
10
20
30
40
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

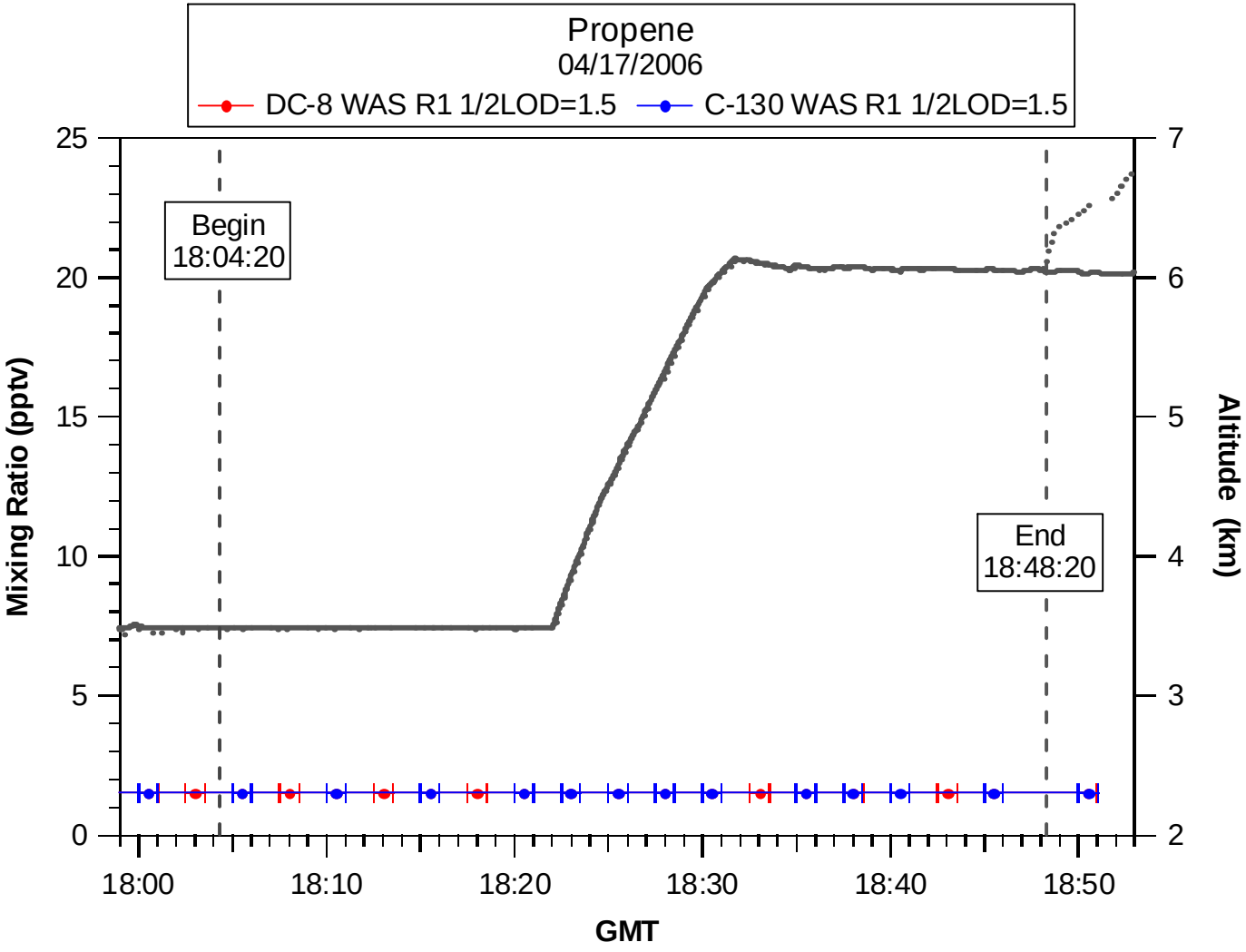

Ethene
03/19/2006
DC-8 WAS R1
C-130 WAS R1
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
500
400
300
200
100
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

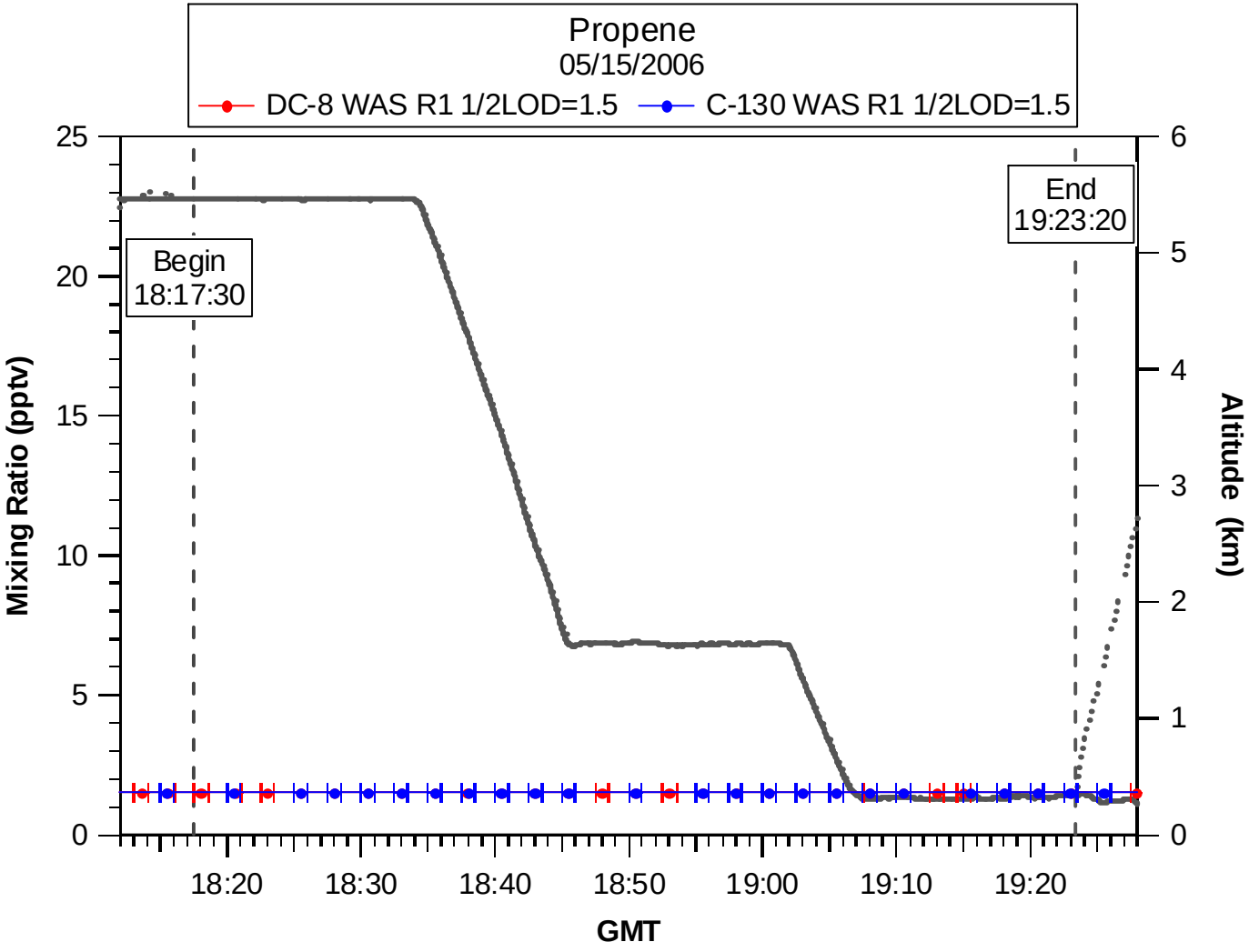

Ethene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
1
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

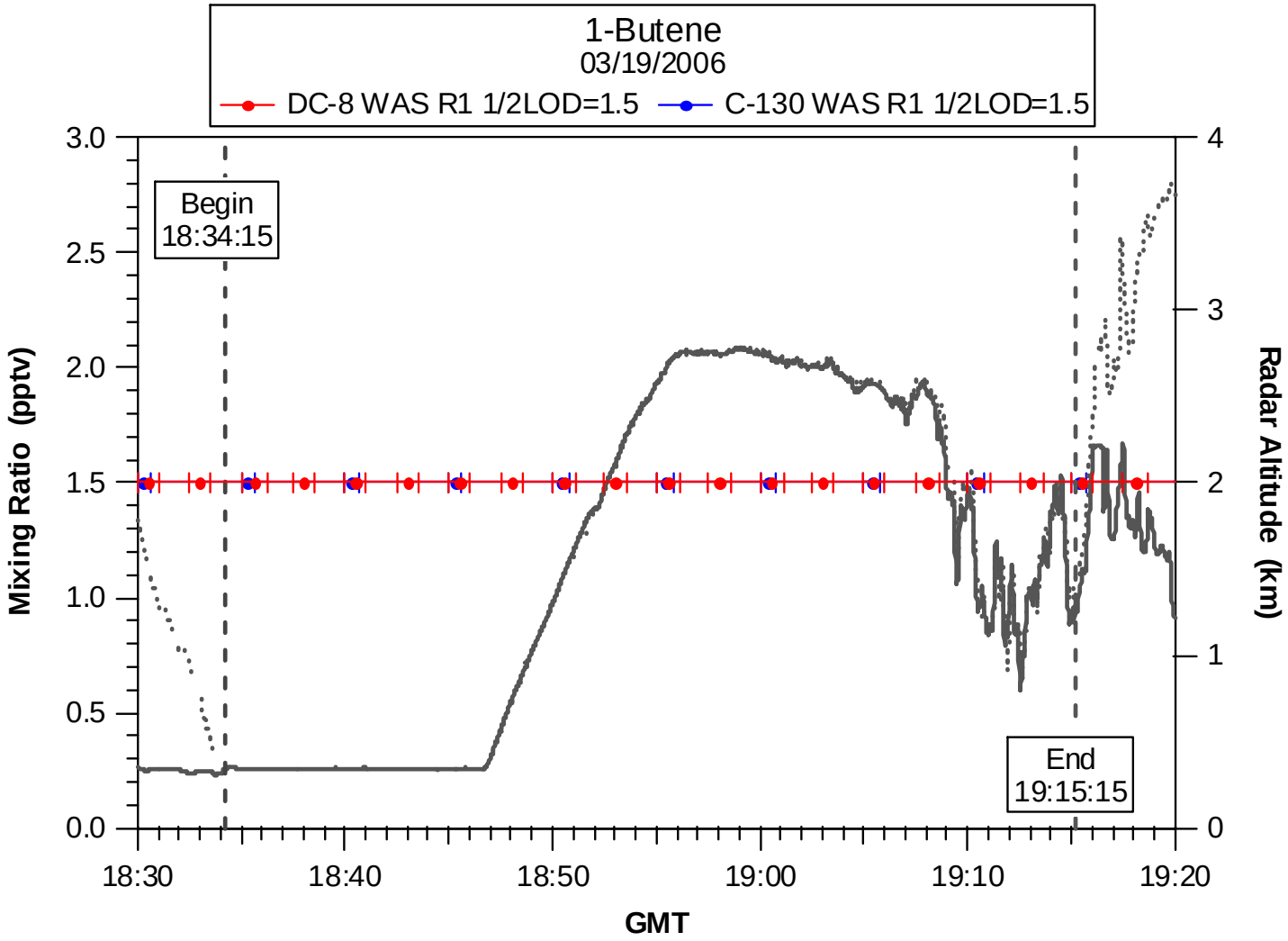

Ethene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
100
80
60
40
20
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

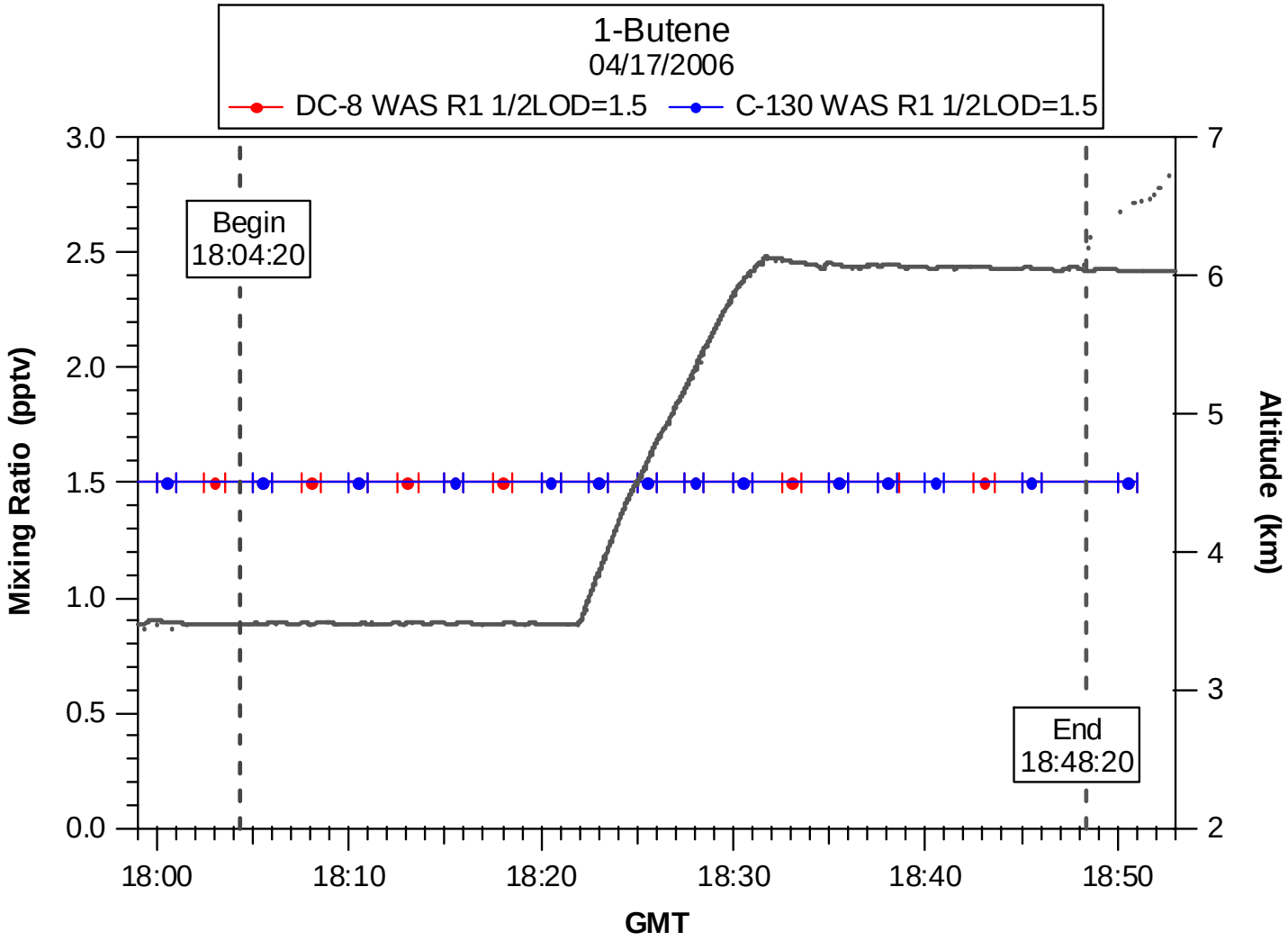

Ethene (pptv)
03/19/2006
04/17/2006
05/15/2006
1:1
R^2 = 0.96
slope=1.0 ± 0.04
y-intercept=-1 ± 6
DC-8 UCI WAS
C-130 UCI WAS
50
100
150
200
250
300
350

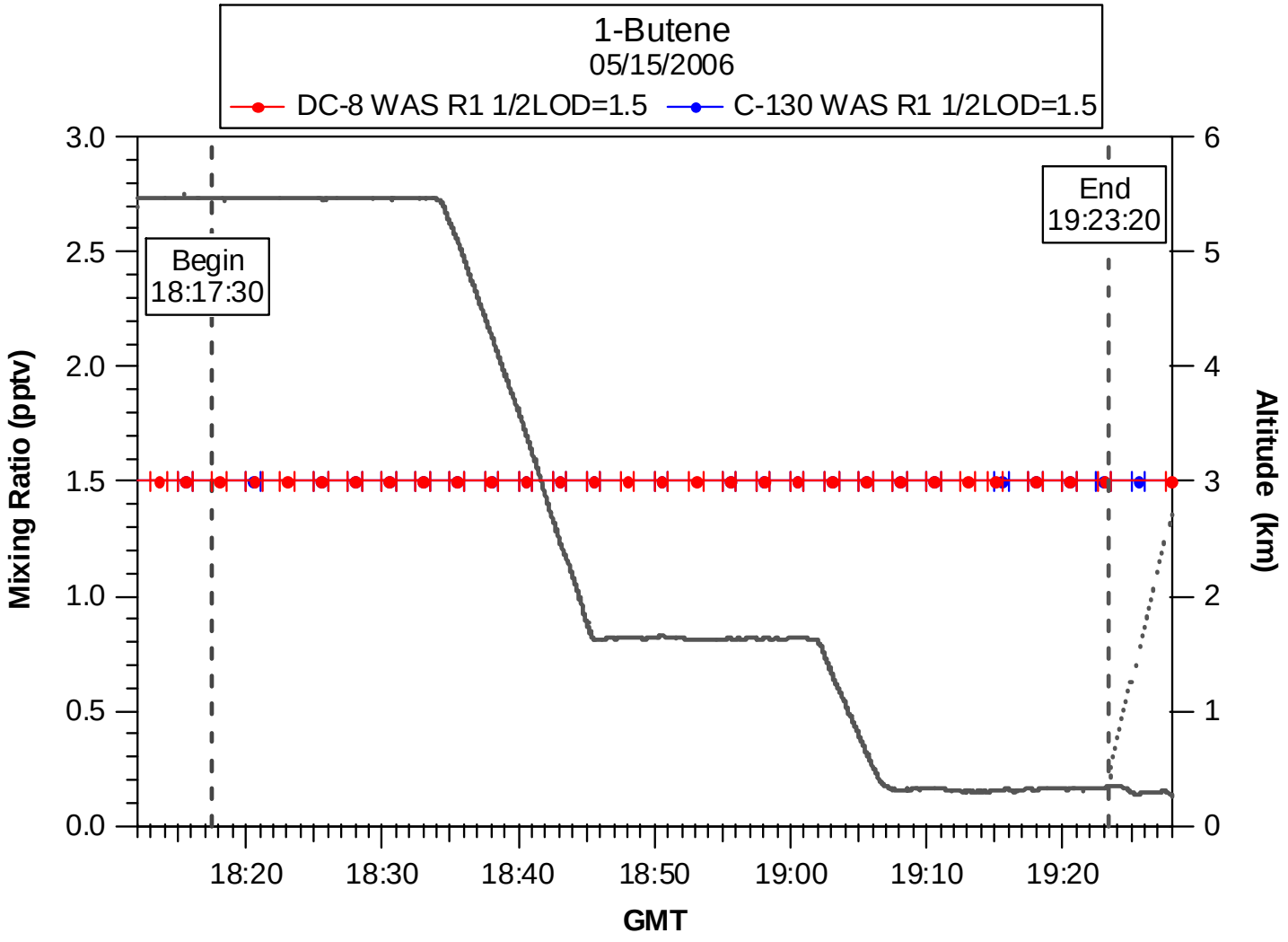

Propene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
5
10
15
20
25
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

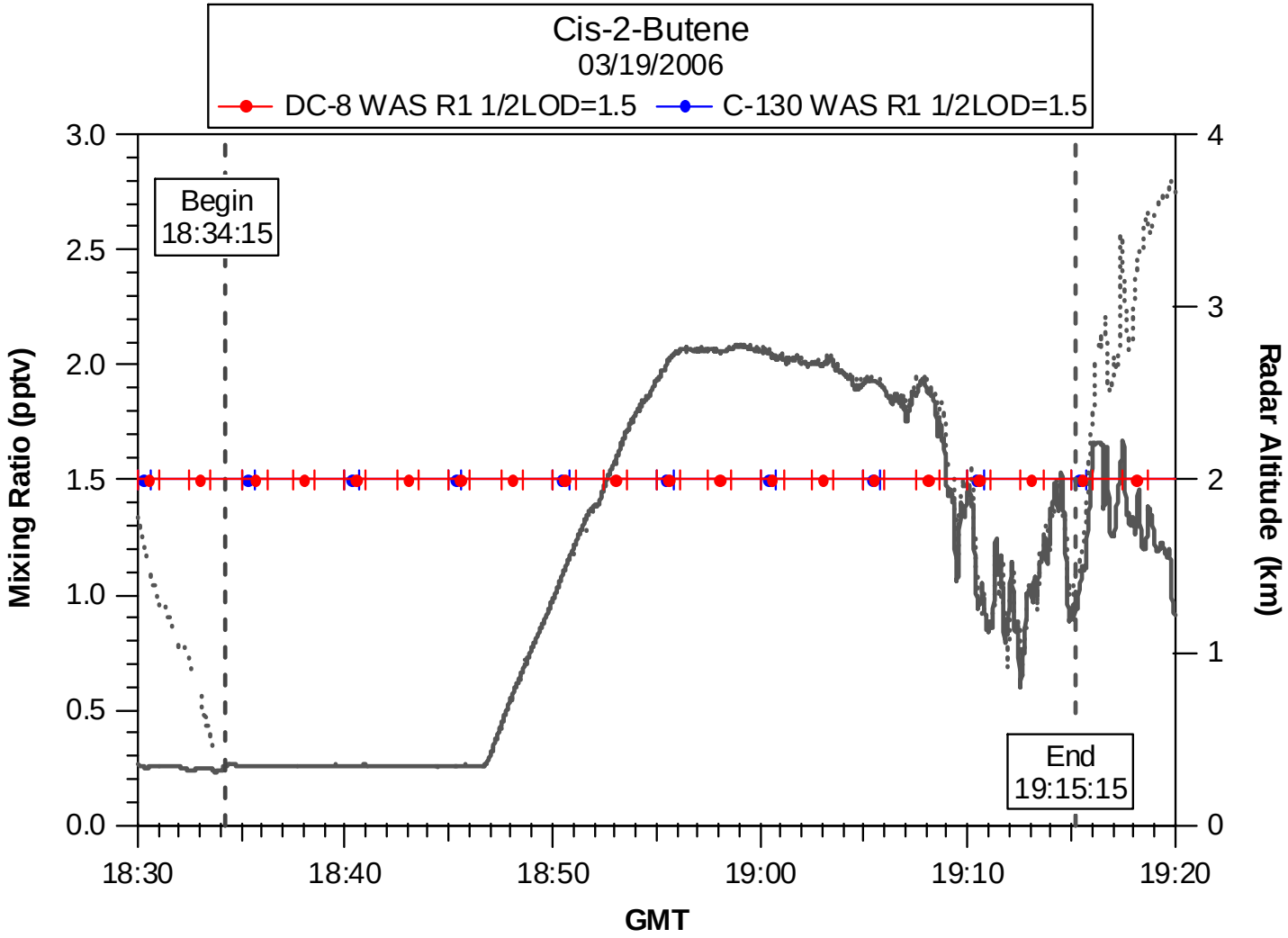

Propene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
5
10
15
20
25
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

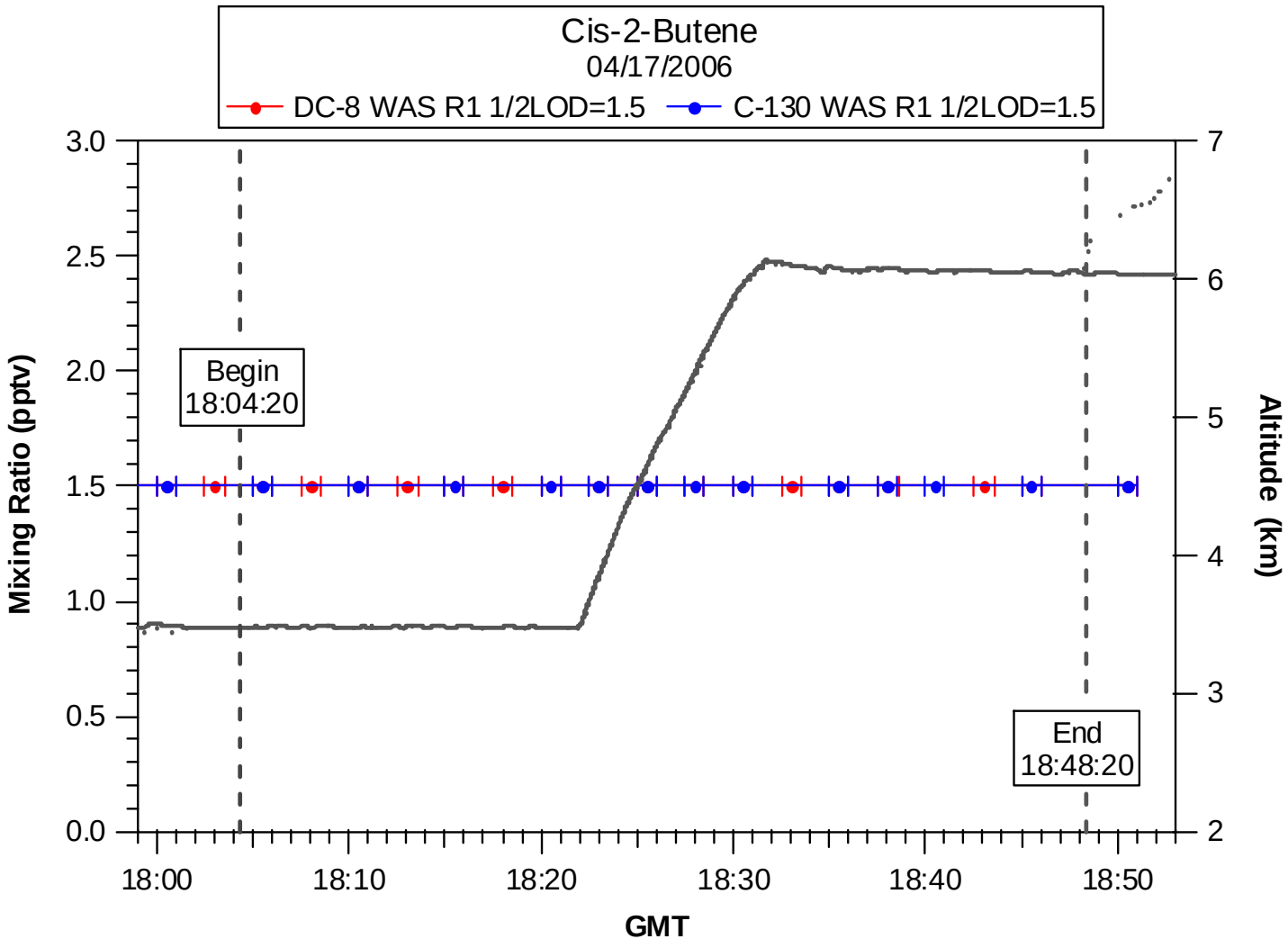

Propene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
5
10
15
20
25
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

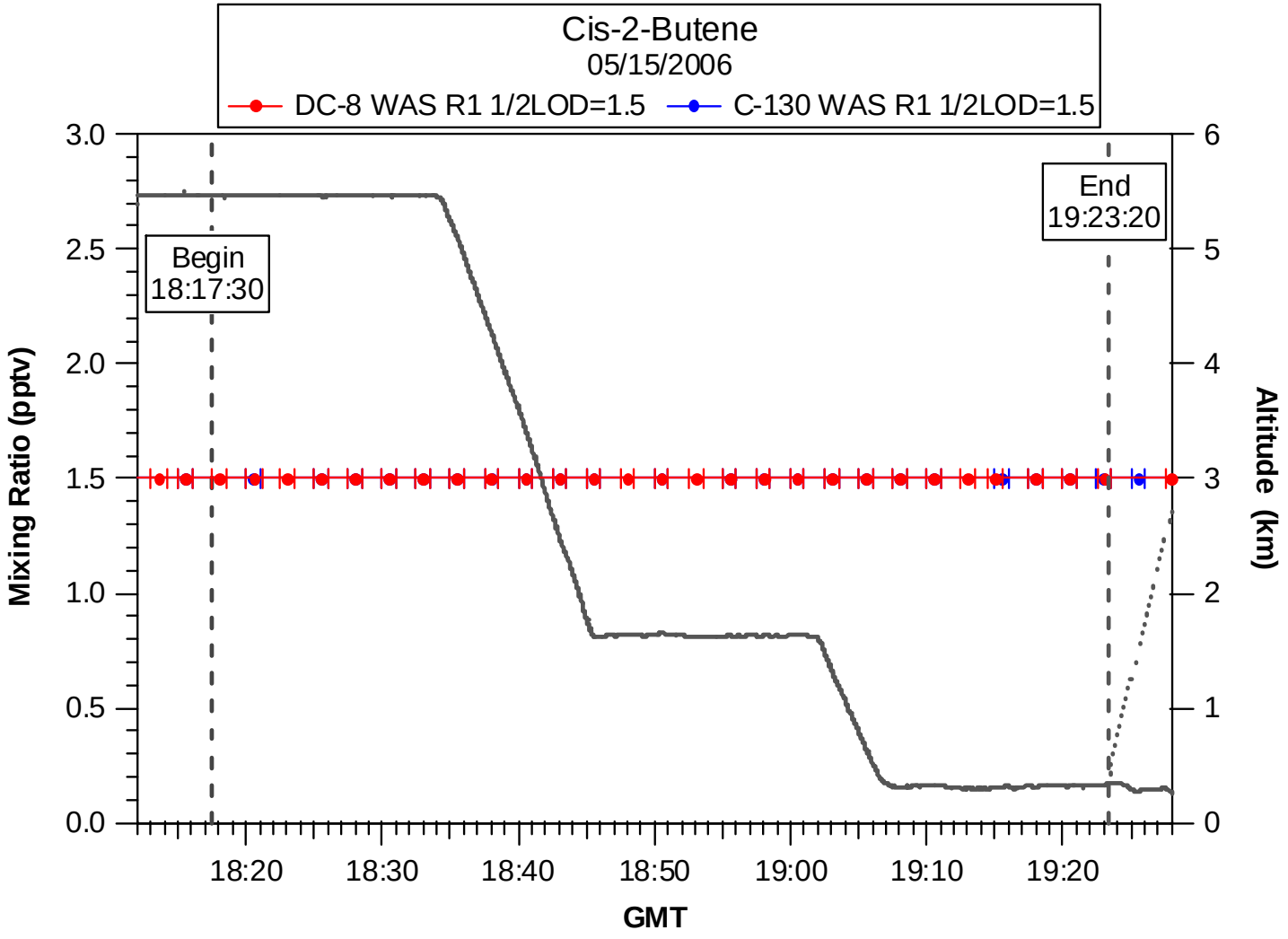

1-Butene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

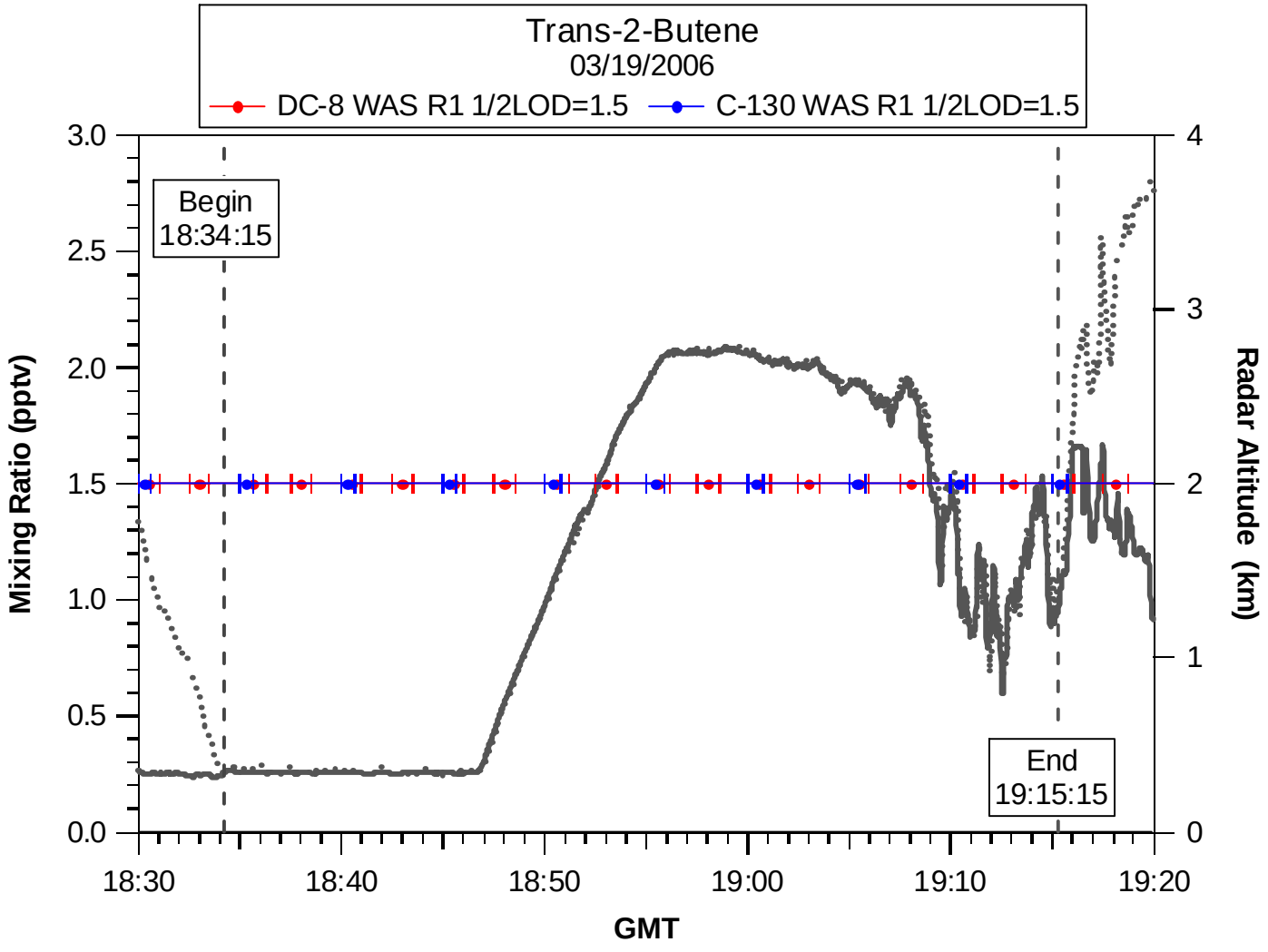

1-Butene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

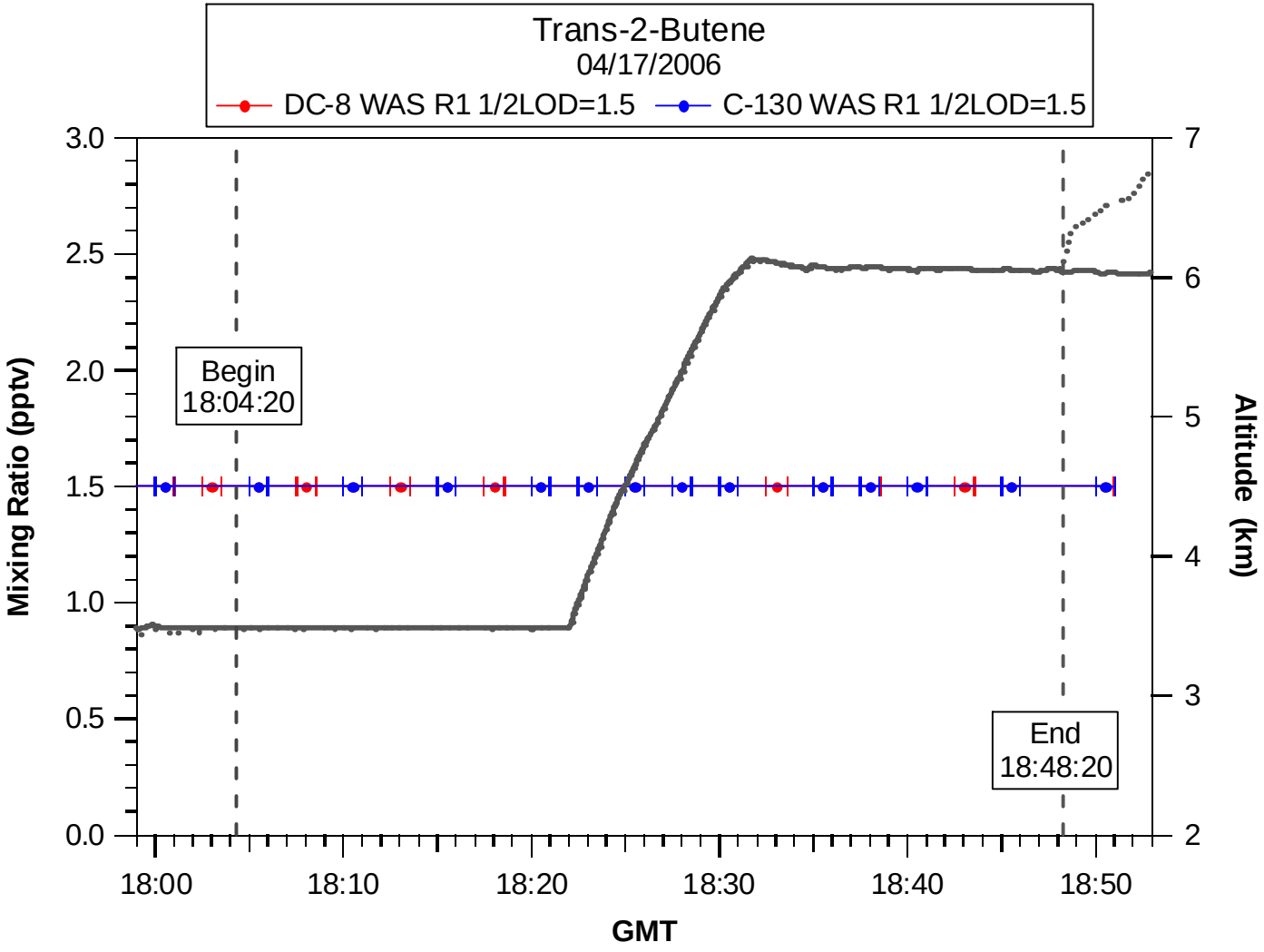

1-Butene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

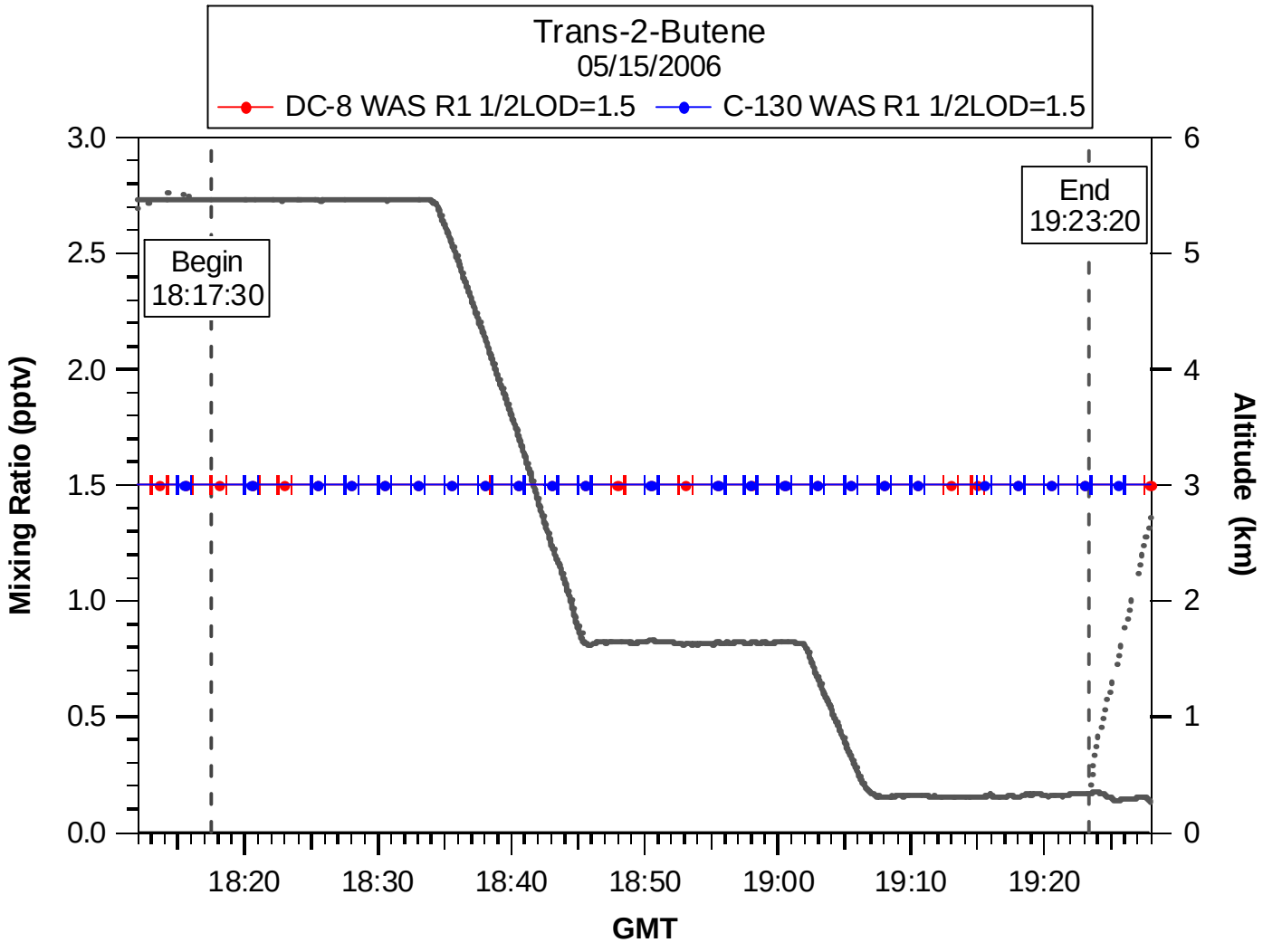

Cis-2-Butene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

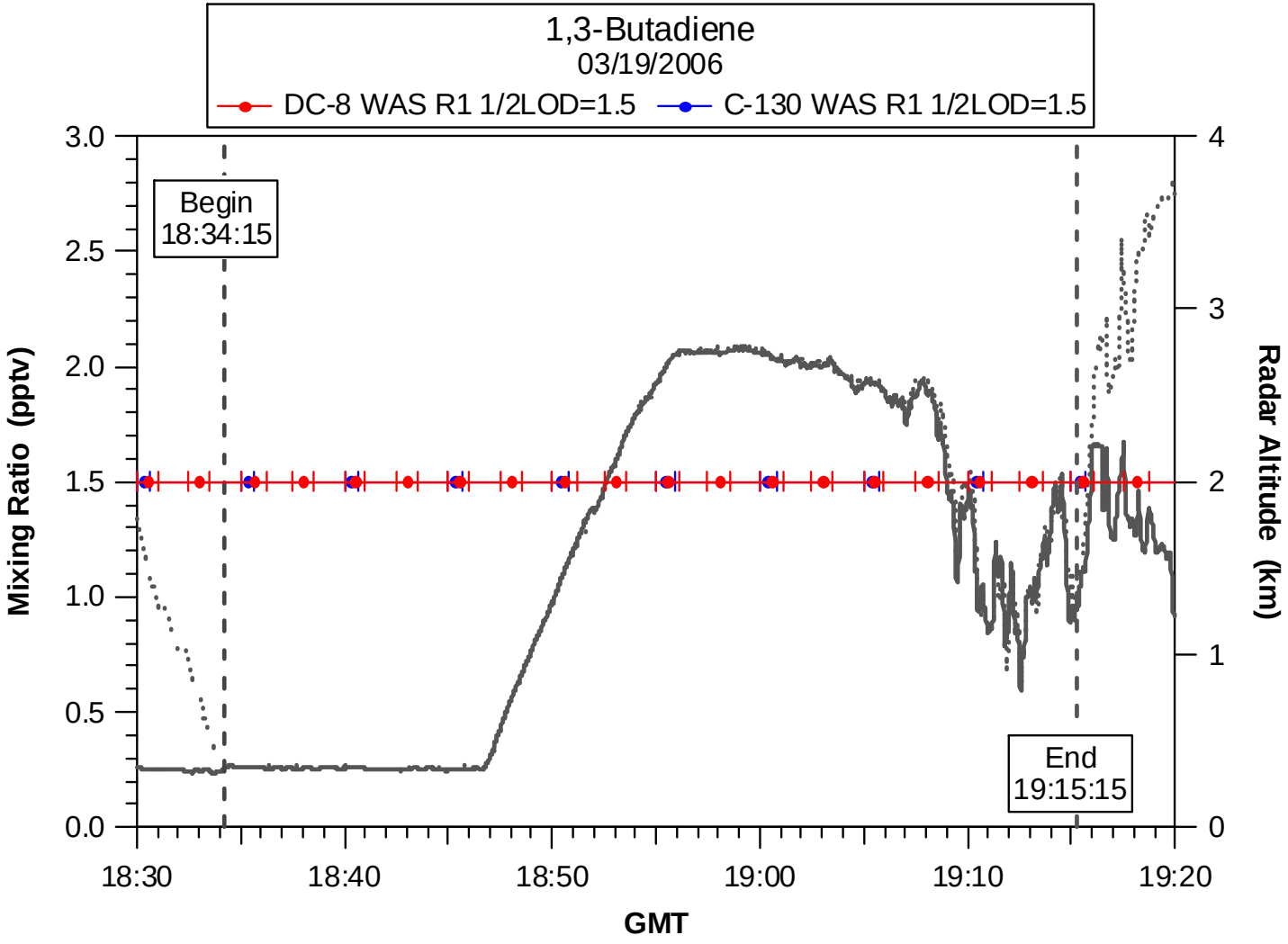

Cis-2-Butene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

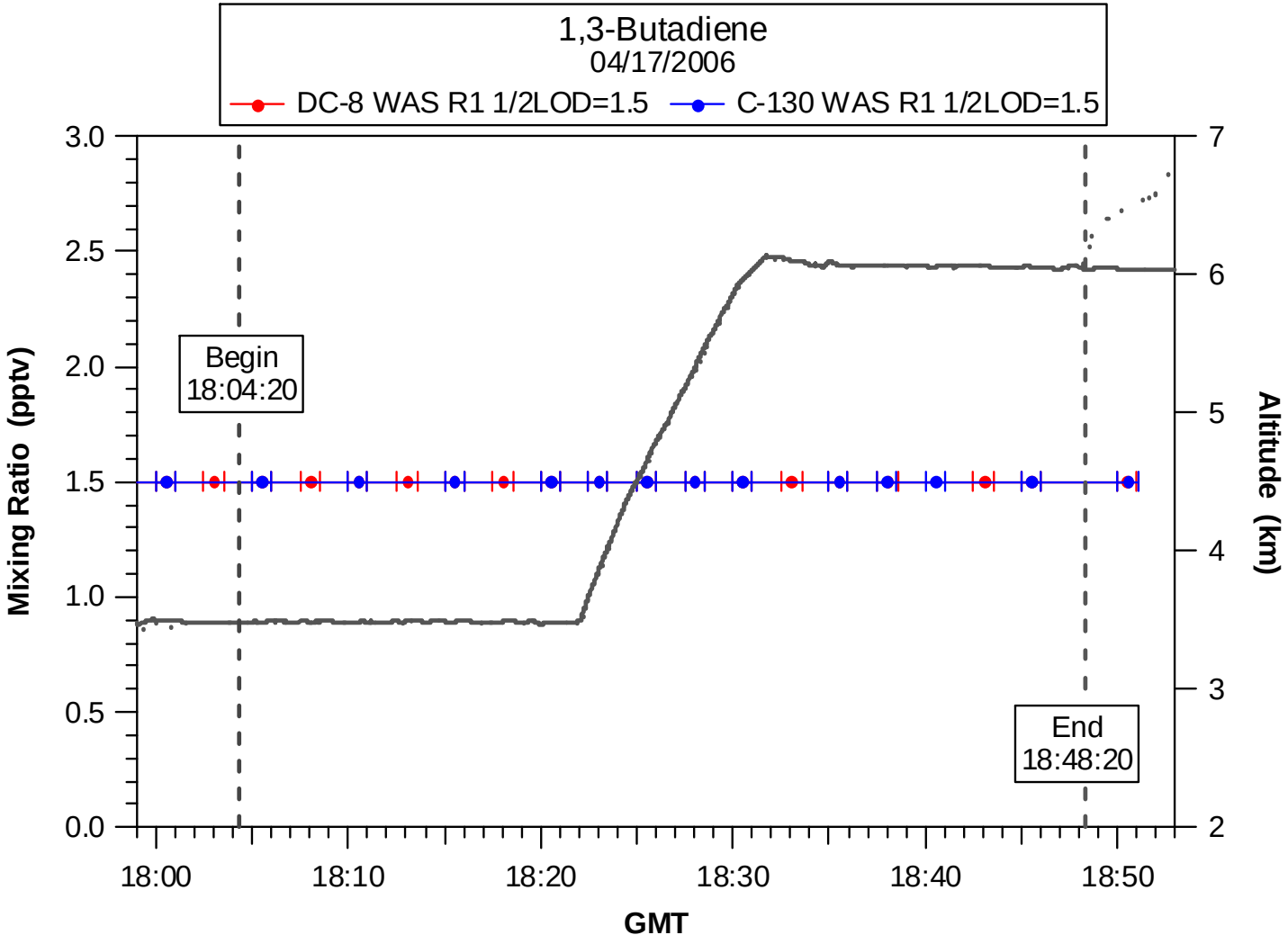

Cis-2-Butene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

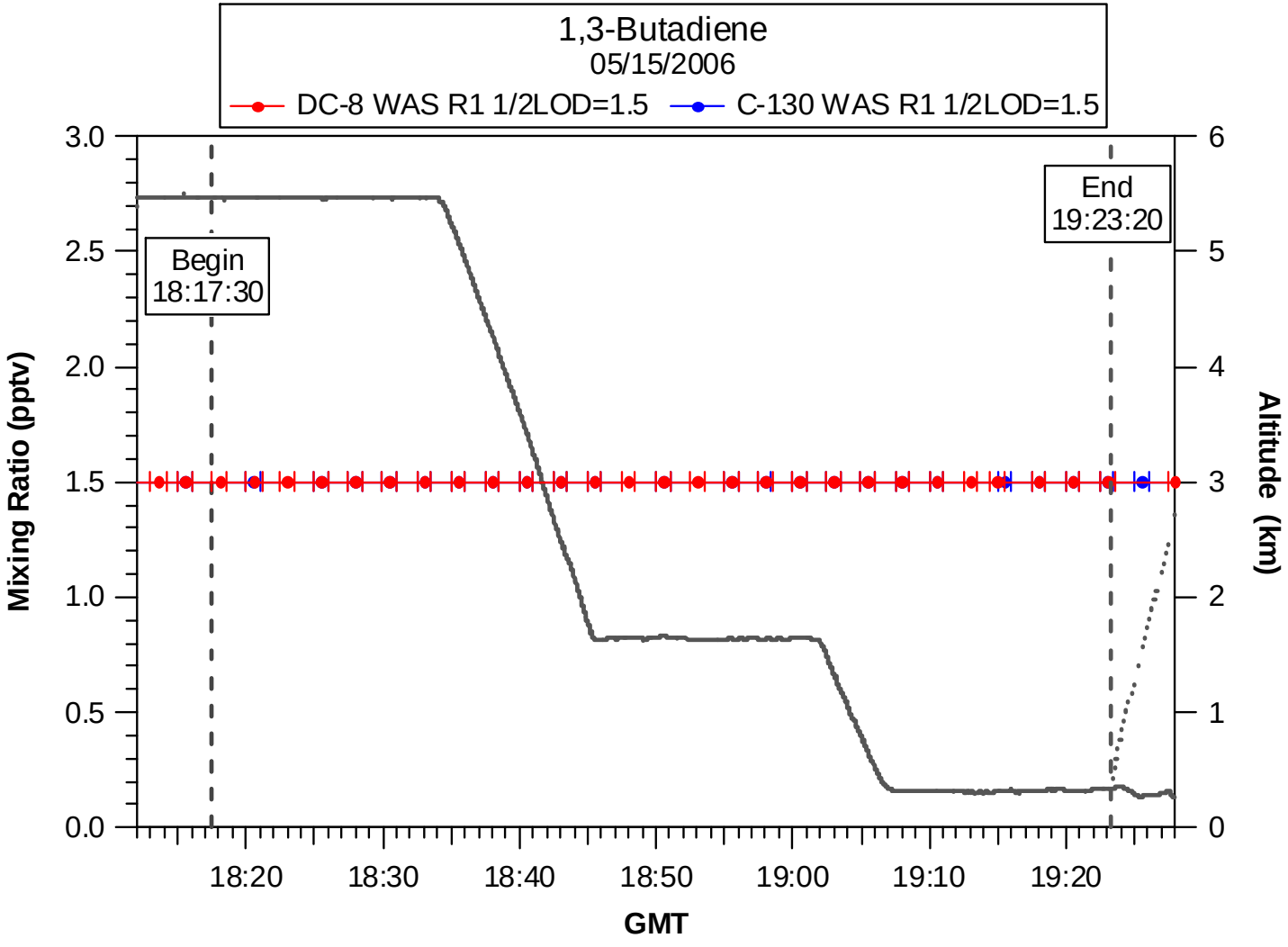

Trans-2-Butene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

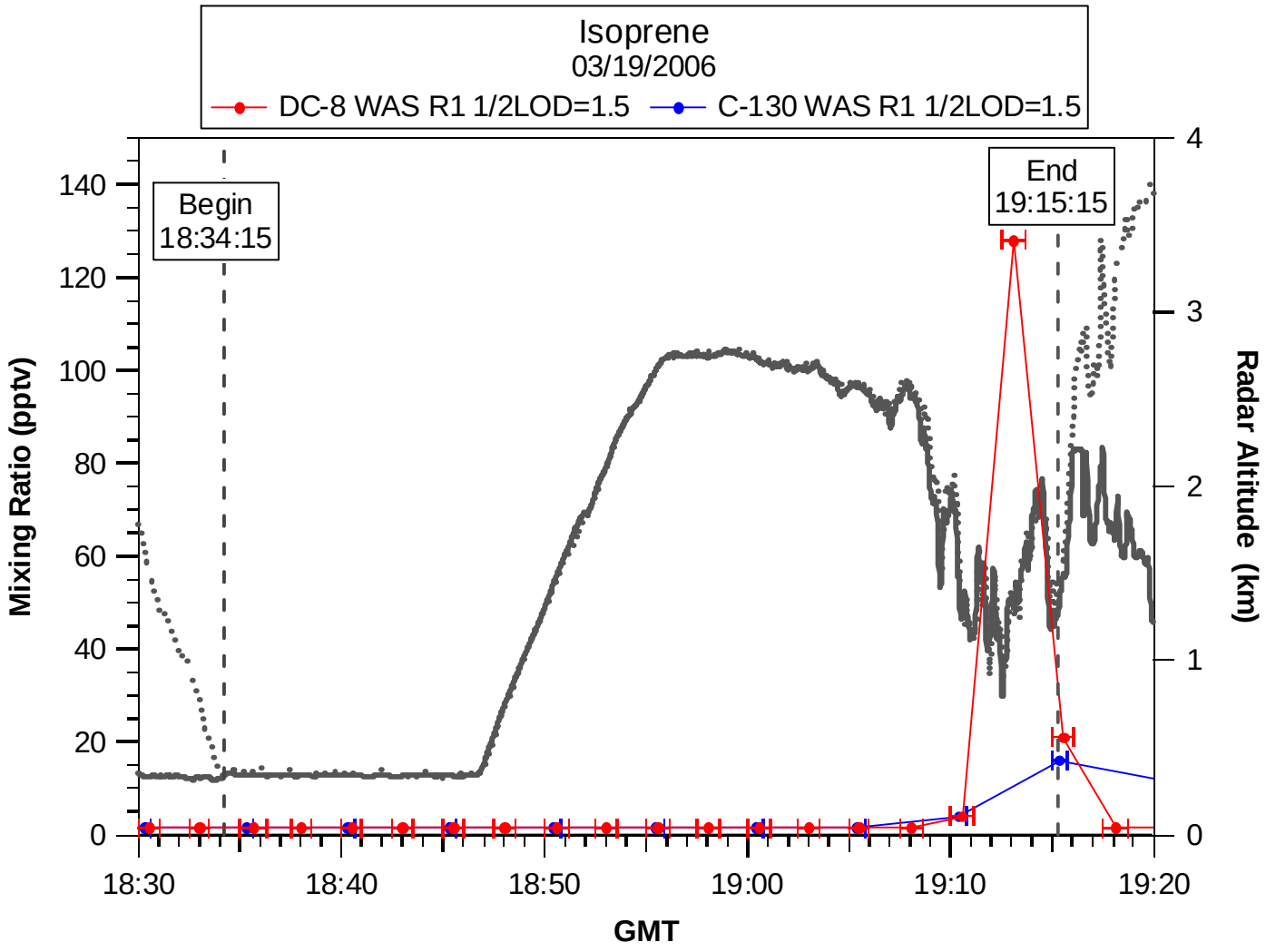

Trans-2-Butene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

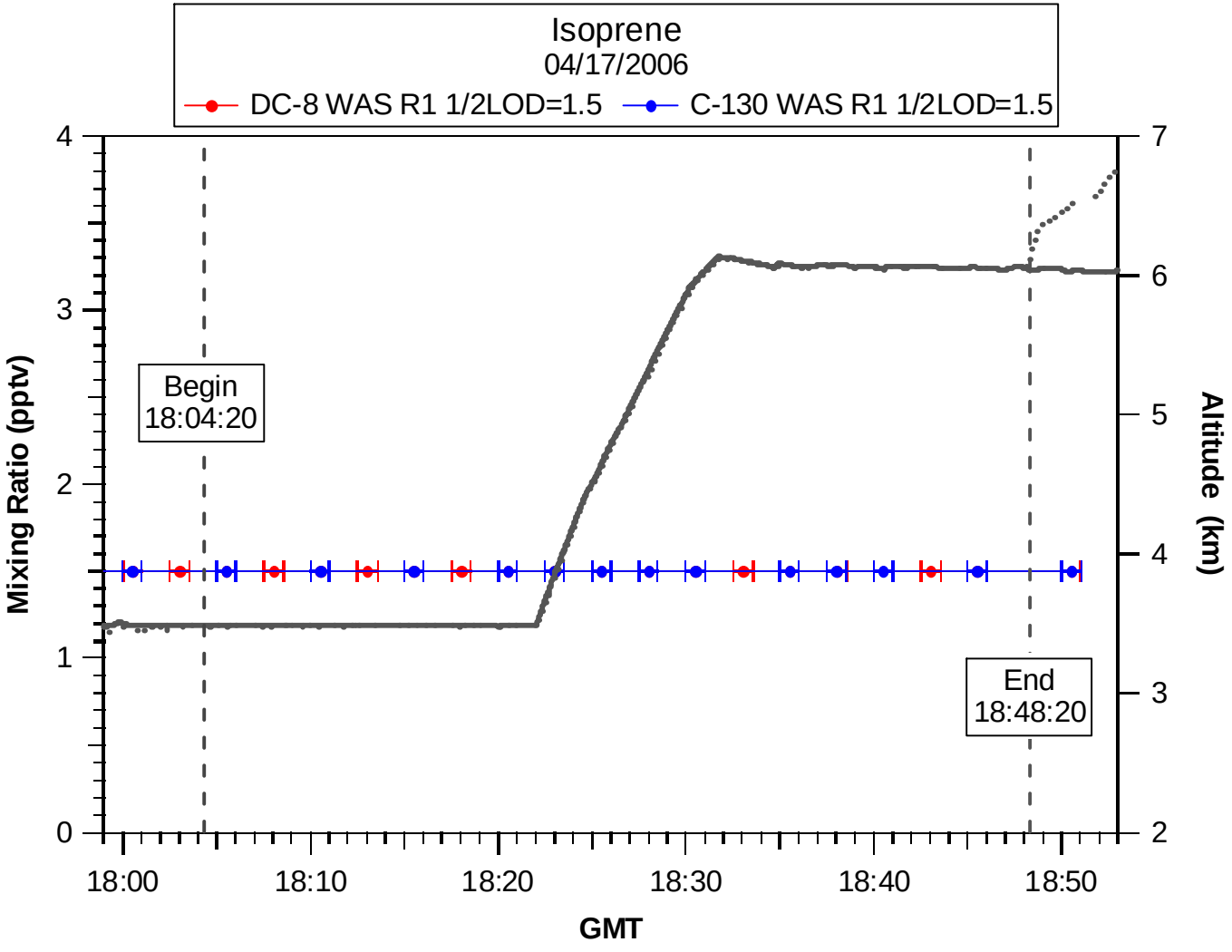

Trans-2-Butene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

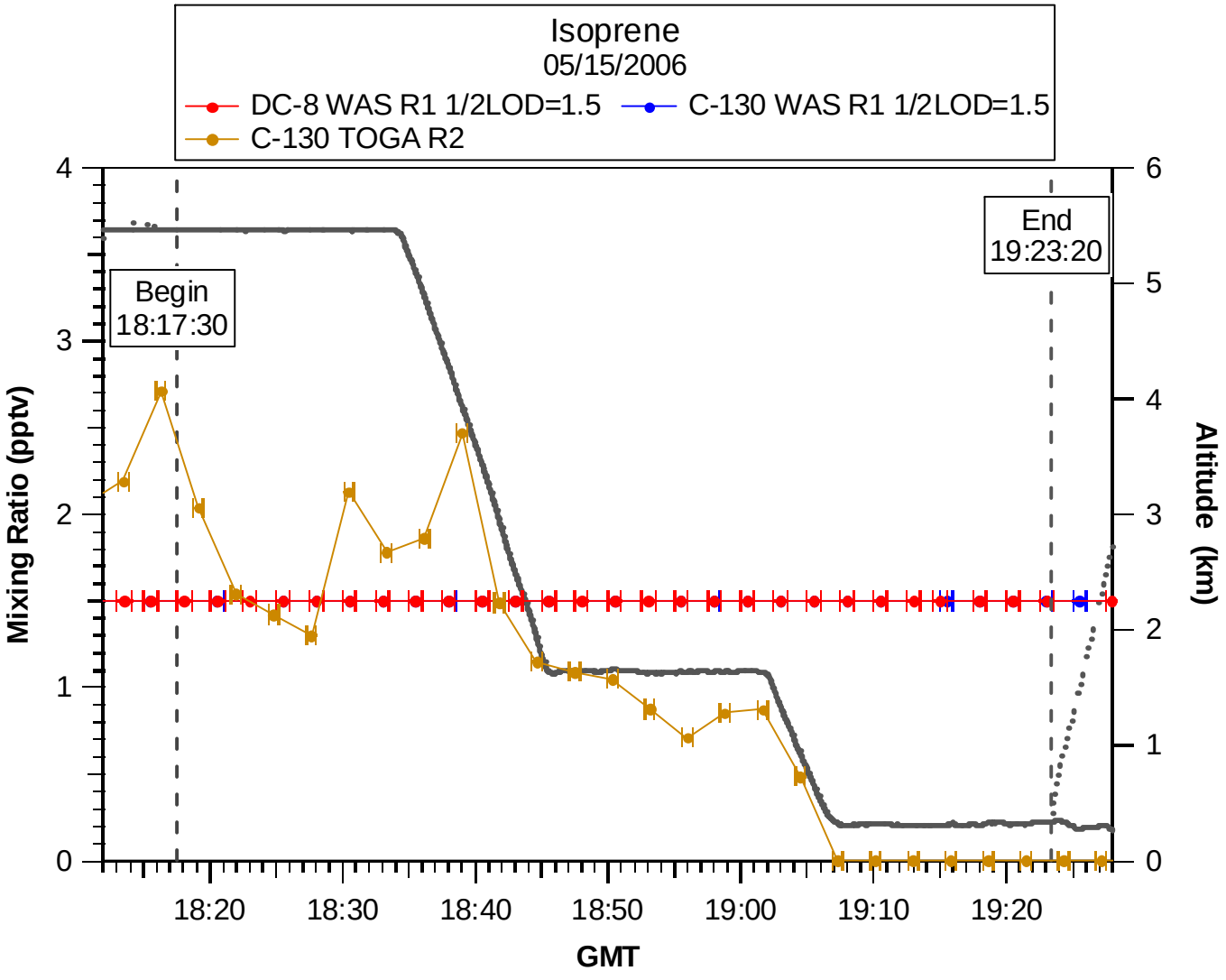

1,3-Butadiene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

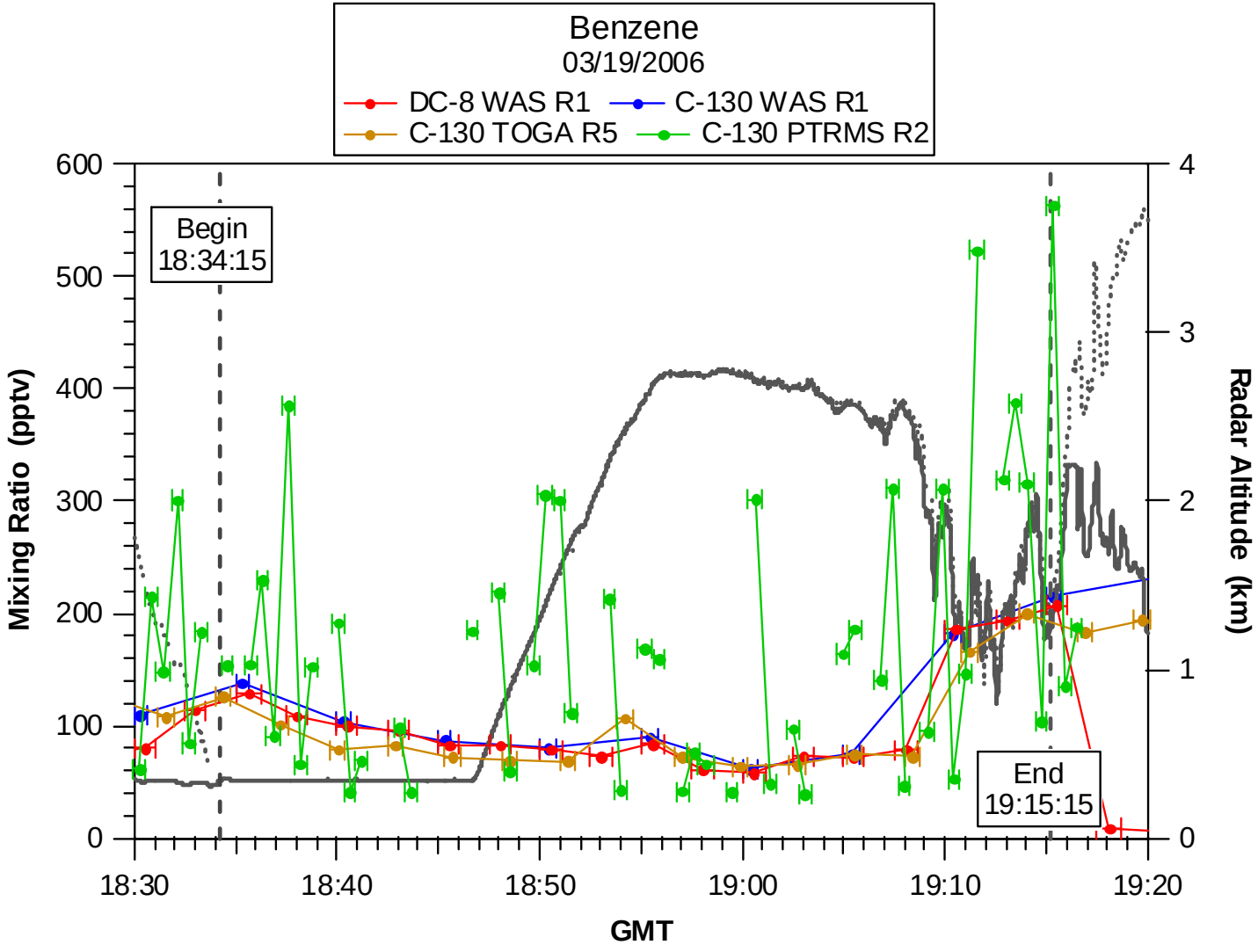

1,3-Butadiene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

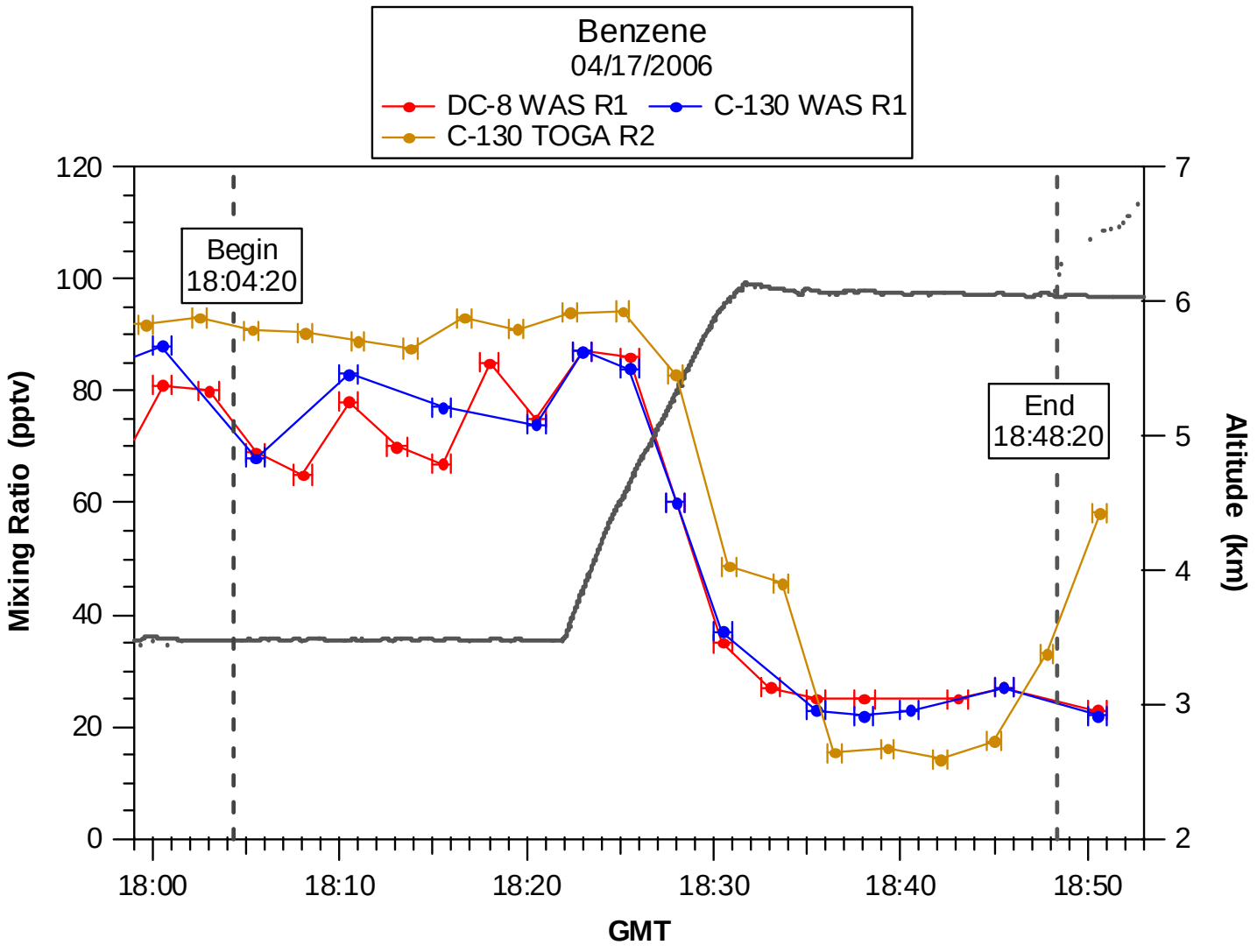

1,3-Butadiene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
3.0
2.5
2.0
1.5
1.0
0.5
0.0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

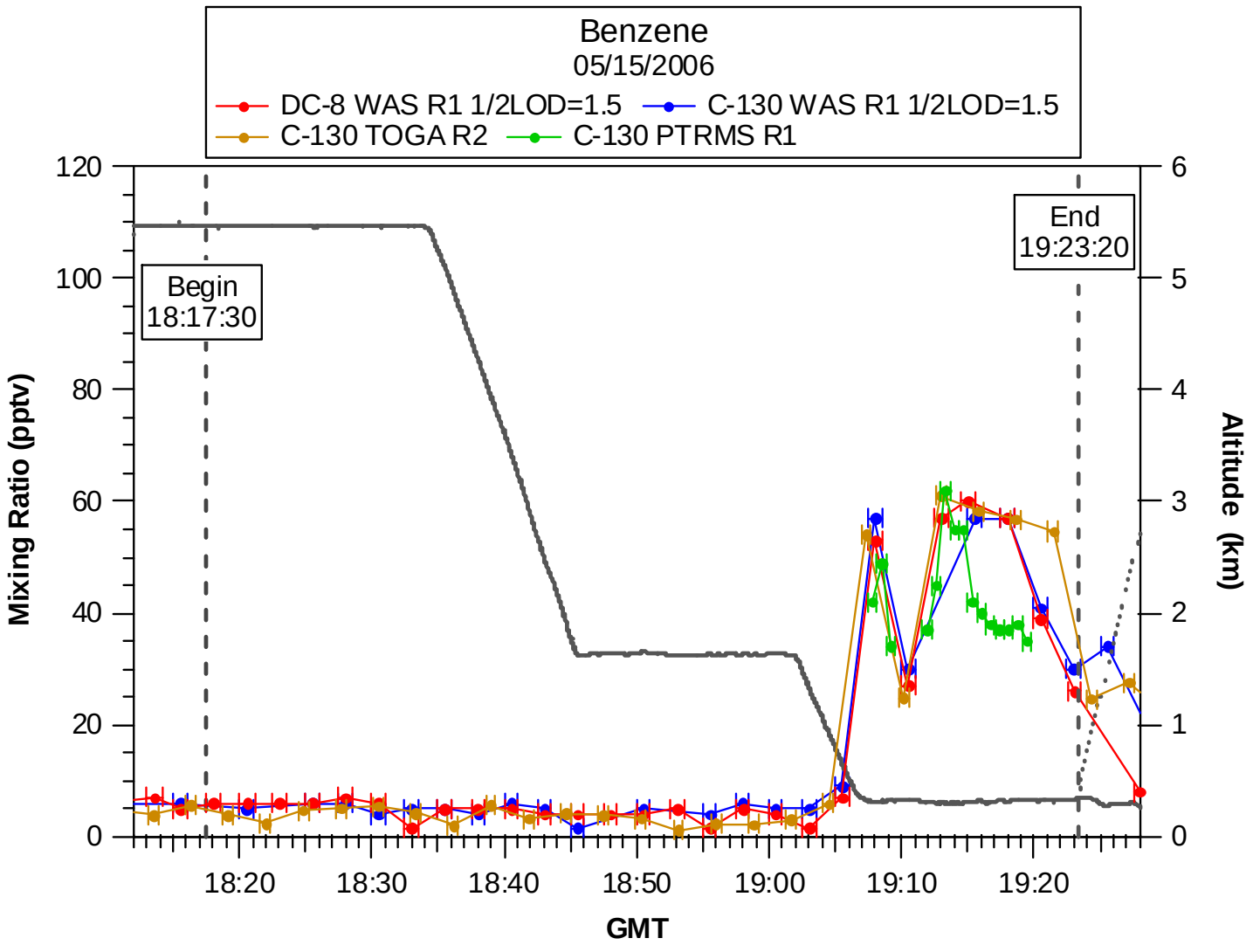

Isoprene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
20
40
60
80
100
120
140
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

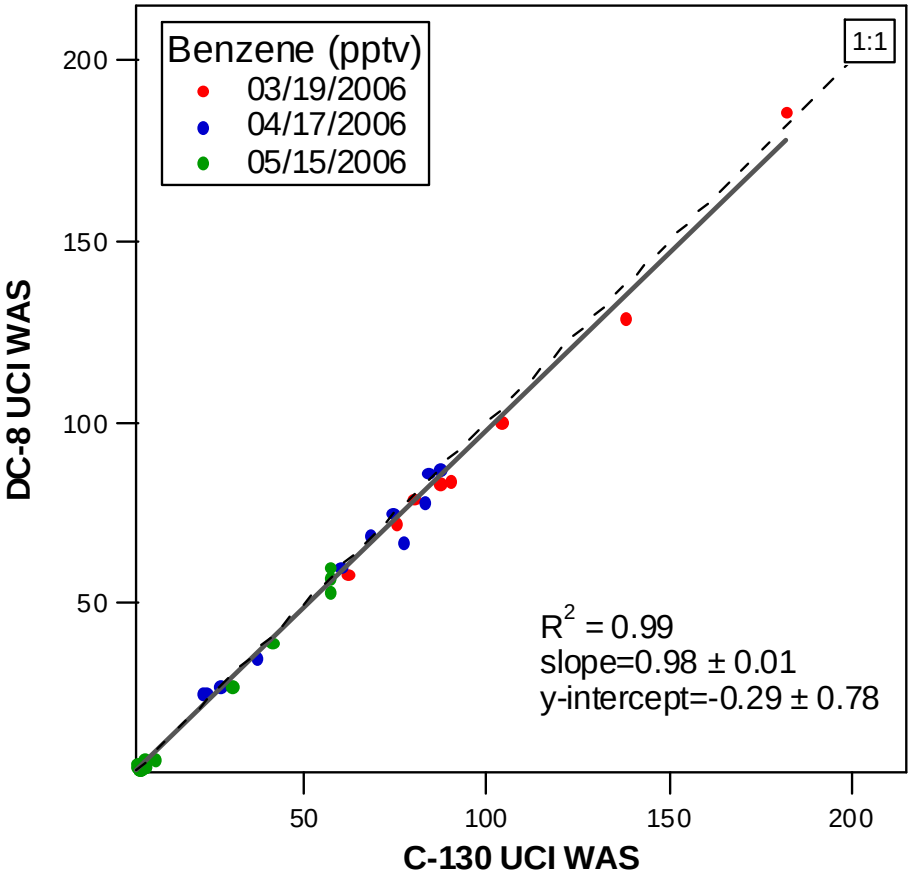

Isoprene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
1
2
3
4
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

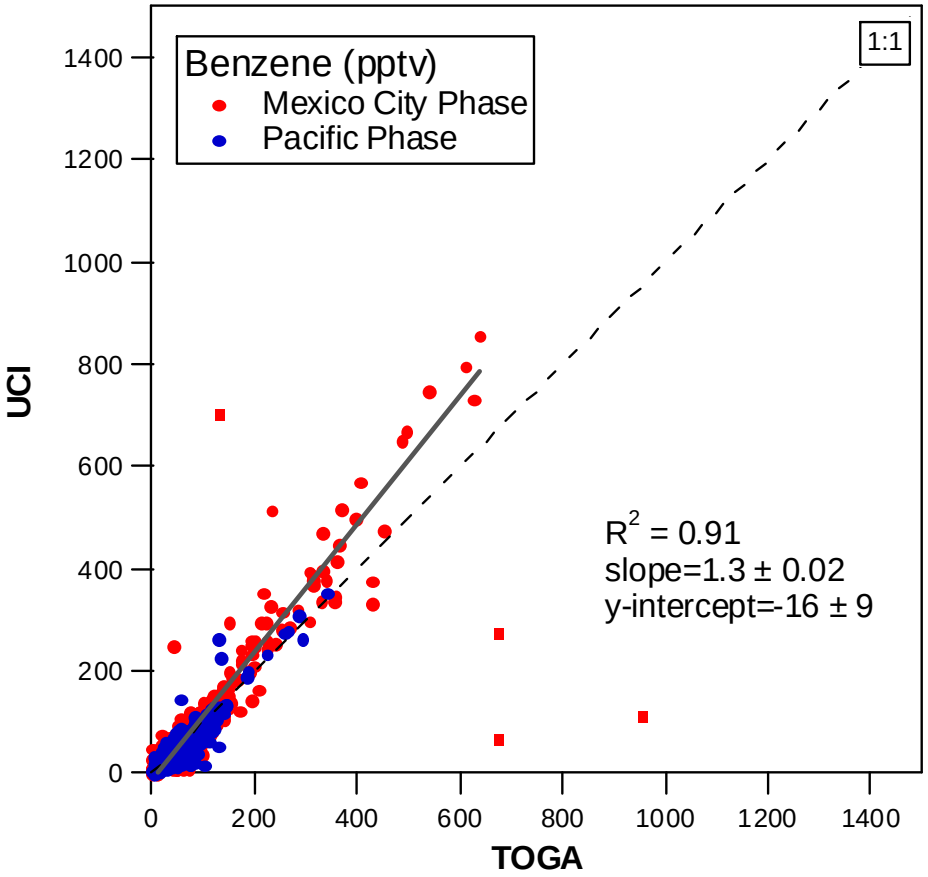

Isoprene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R2
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

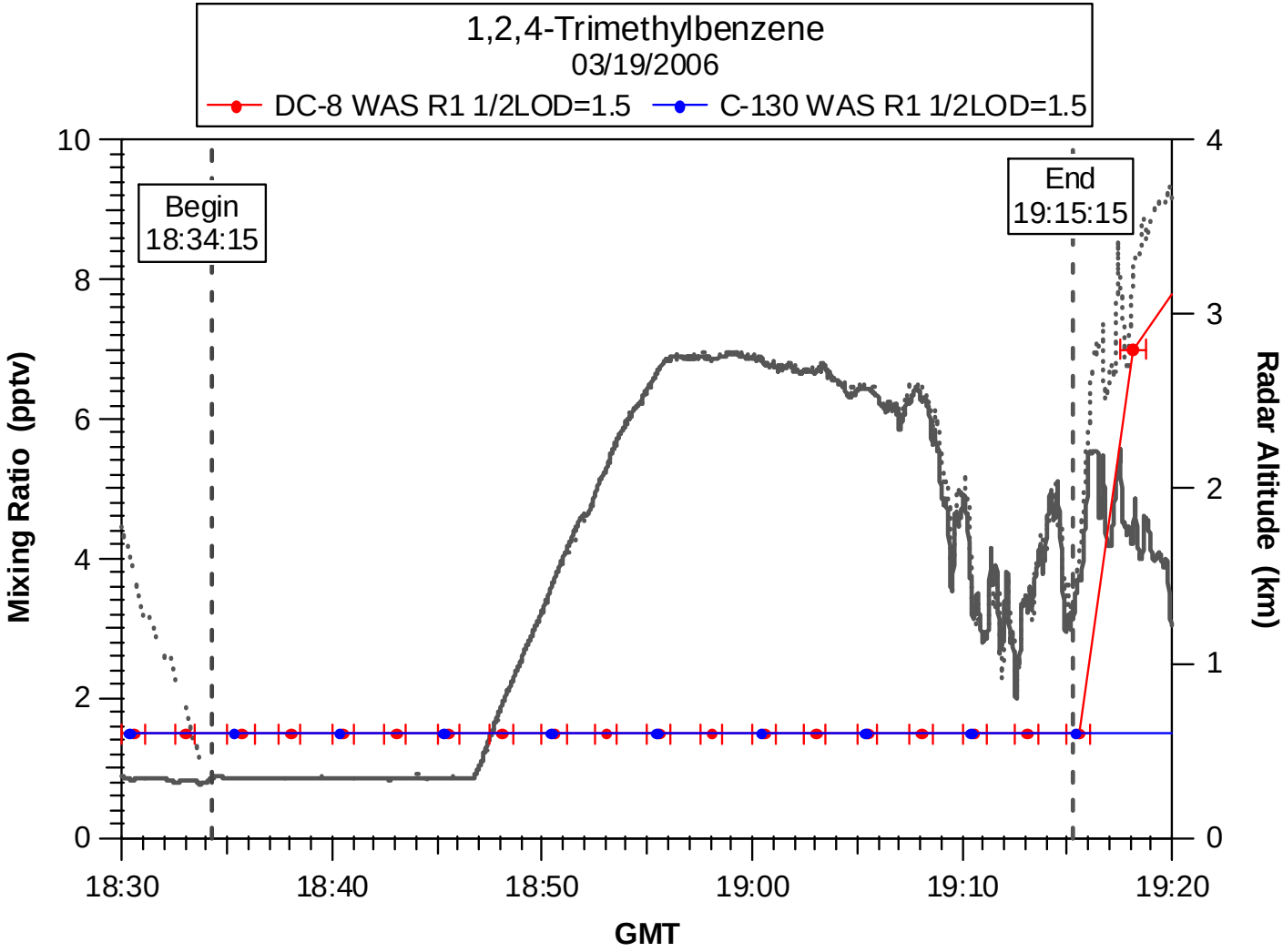

Benzene
03/19/2006
DC-8 WAS R1
C-130 WAS R1
C-130 TOGA R5
C-130 PTRMS R2
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
600
500
400
300
200
100
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

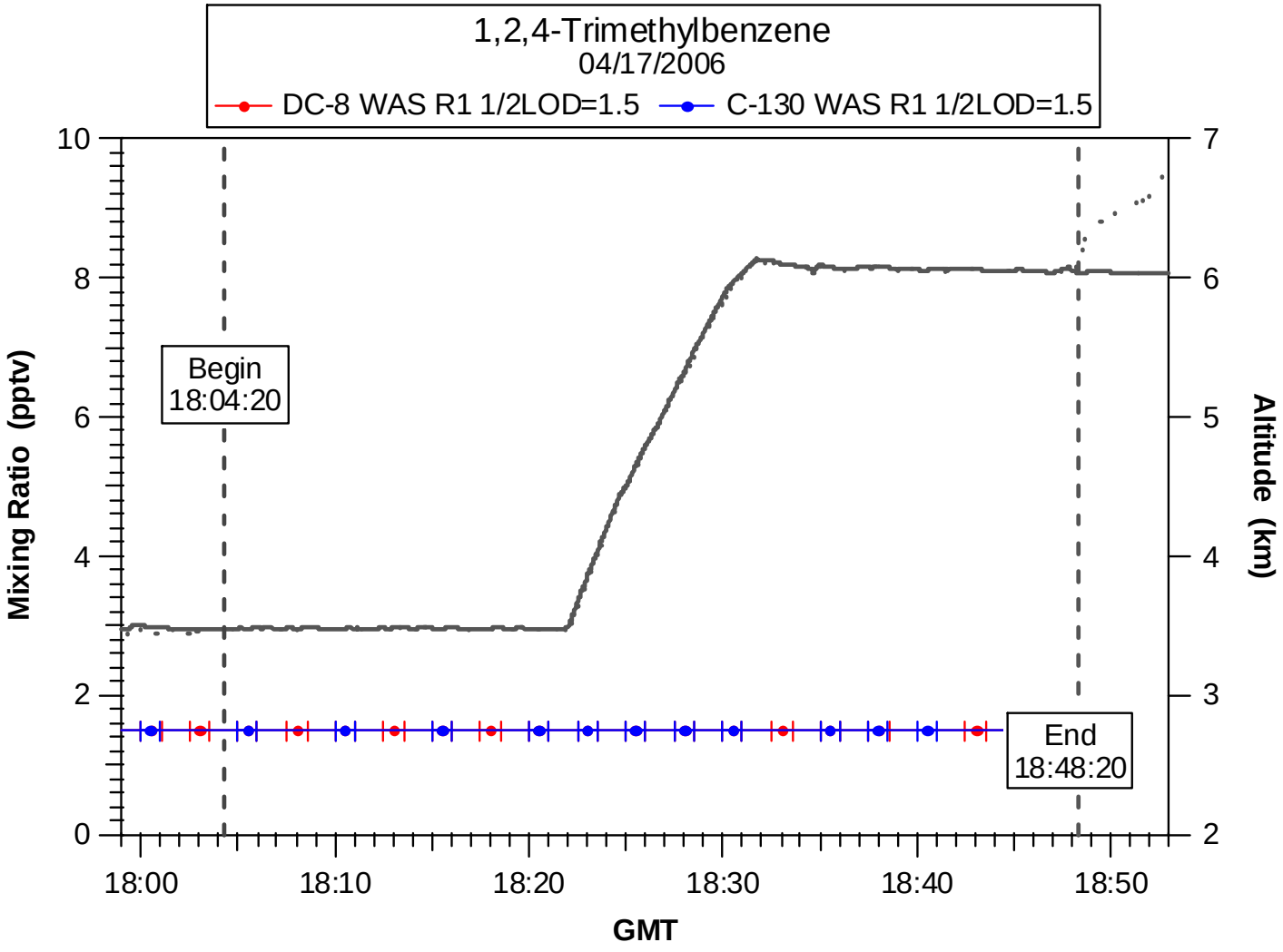

Benzene
04/17/2006
DC-8 WAS R1
C-130 WAS R1
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
20
40
60
80
100
120
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

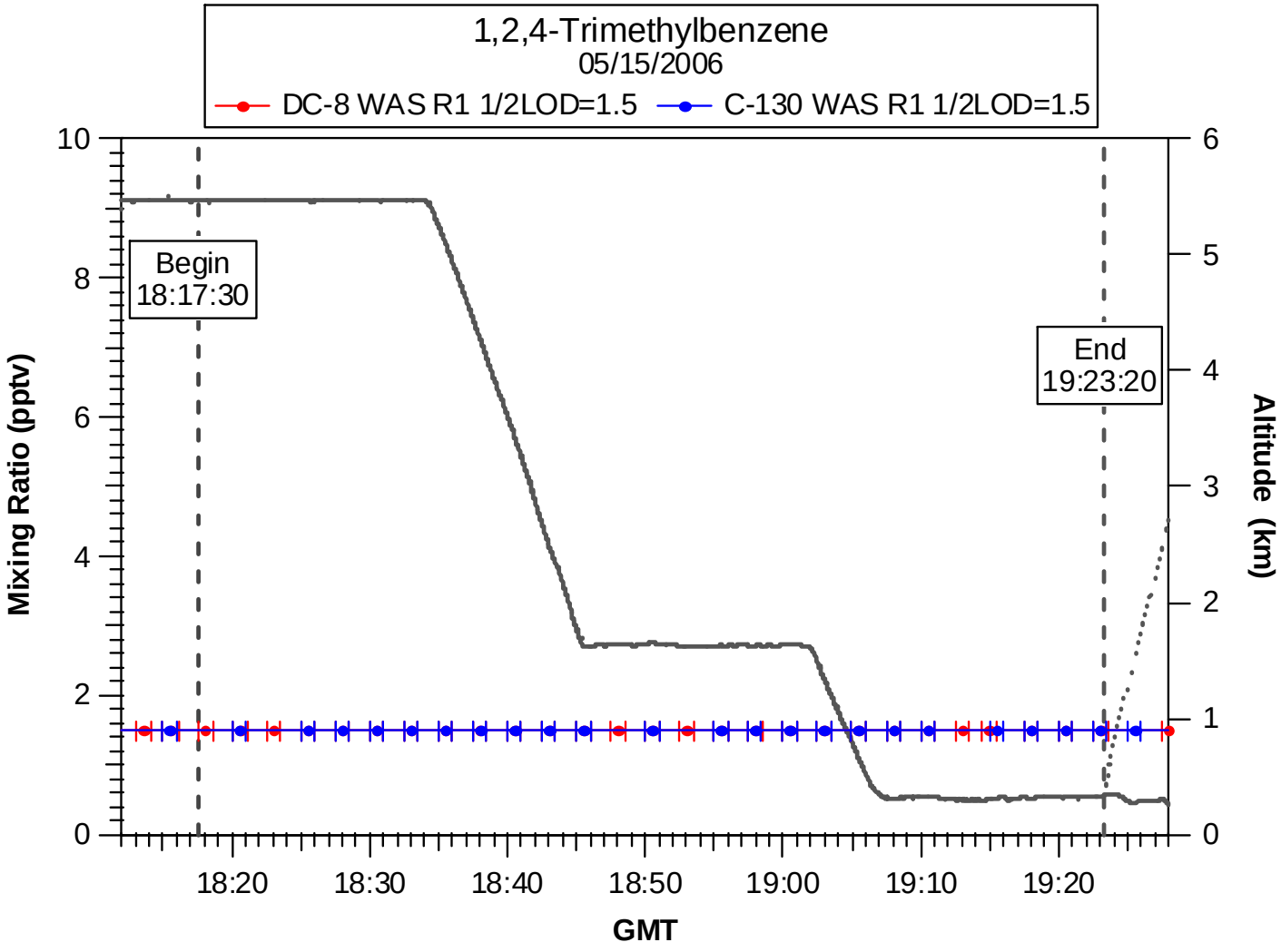

Benzene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R2
C-130 PTRMS R1
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
20
40
60
80
100
120
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

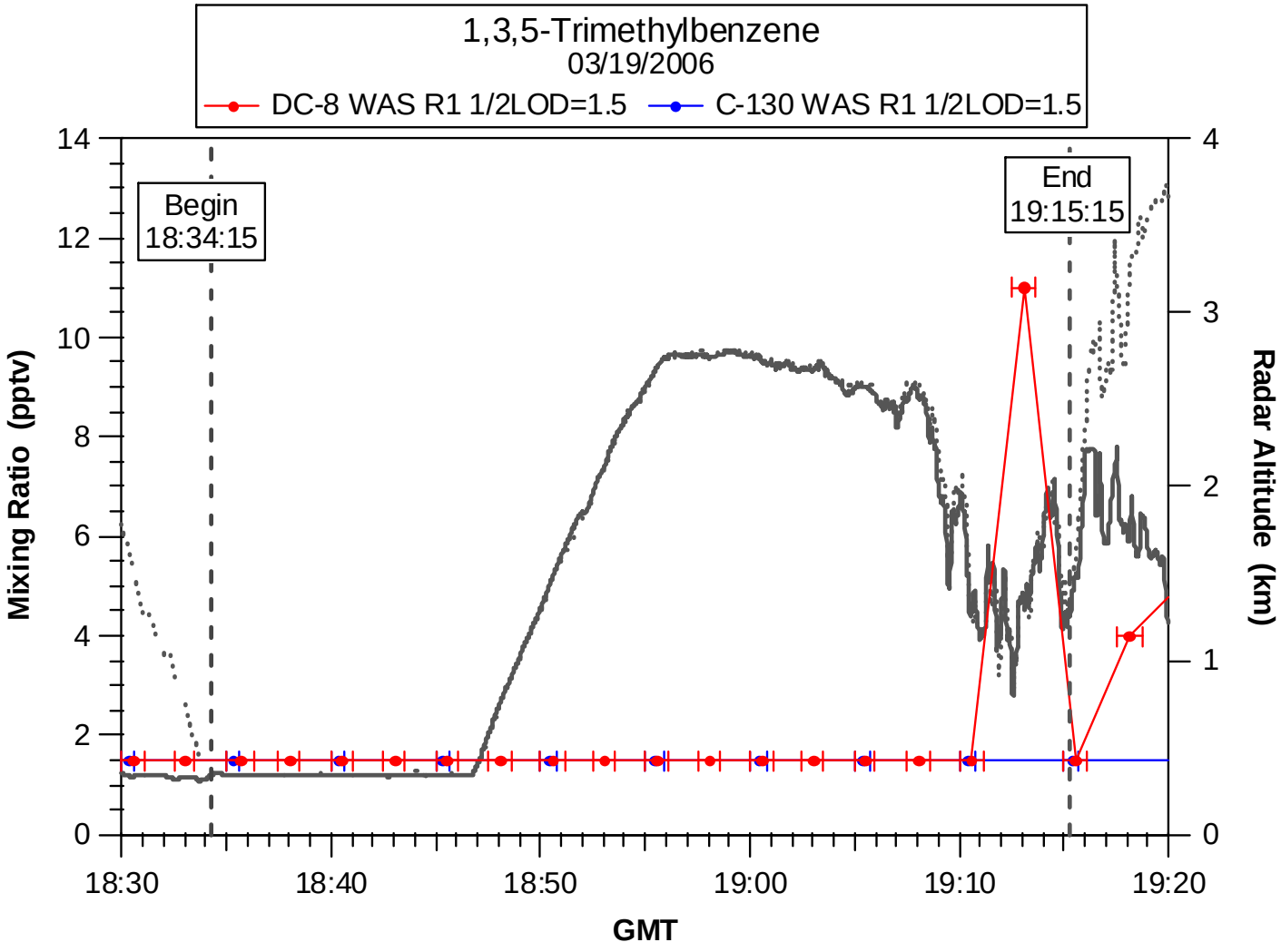

Benzene (pptv)
03/19/2006
04/17/2006
05/15/2006
1:1
R^2 = 0.99
slope=0.98 ± 0.01
y-intercept=-0.29 ± 0.78
DC-8 UCI WAS
C-130 UCI WAS
50
100
150
200

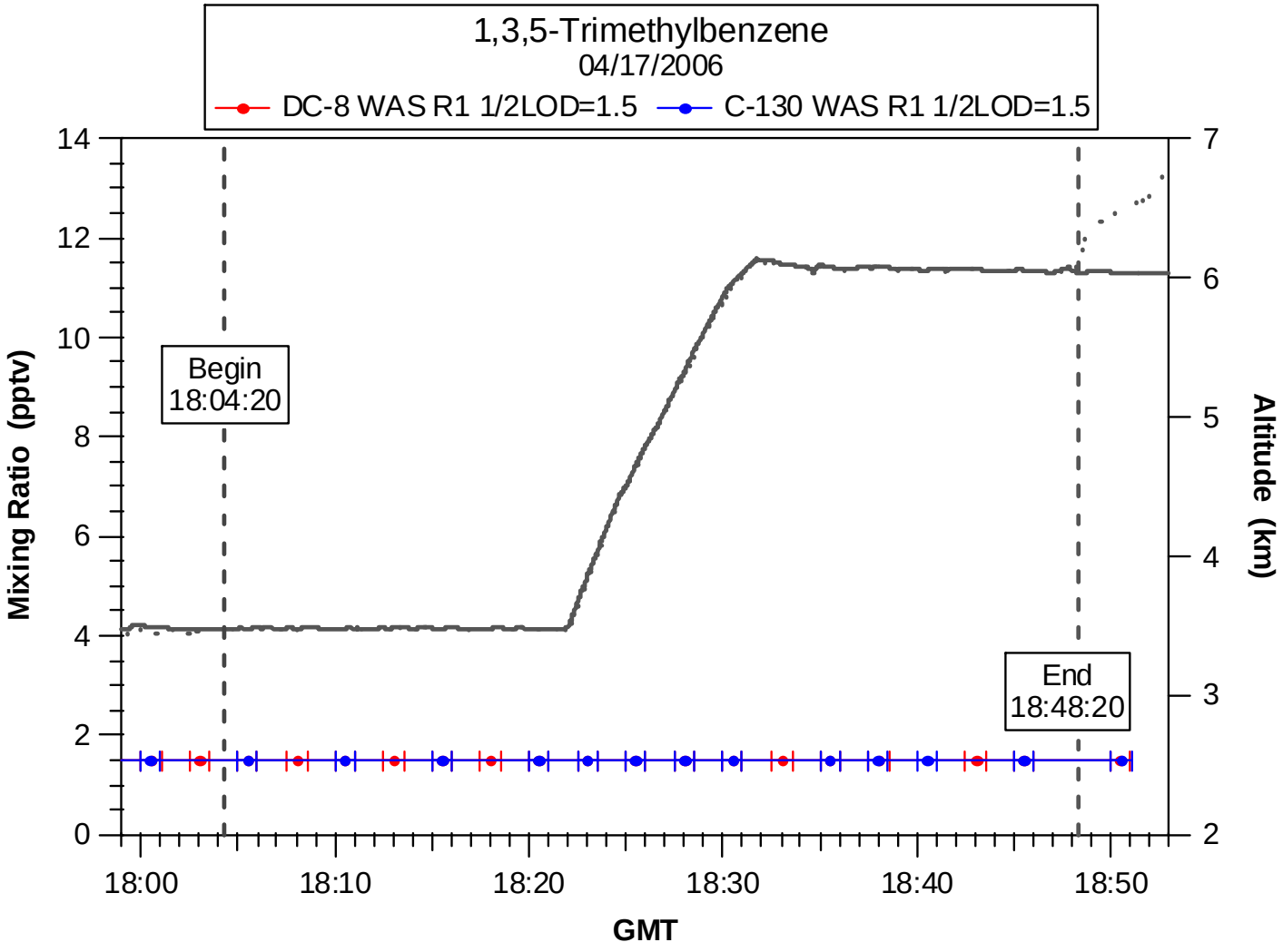

Benzene (pptv)
Mexico City Phase
Pacific Phase
1:1
R2 = 0.91
slope=1.3 ± 0.02
y-intercept=-16 ± 9
UCI
TOGA
0
200
400
600
800
1000
1200
1400

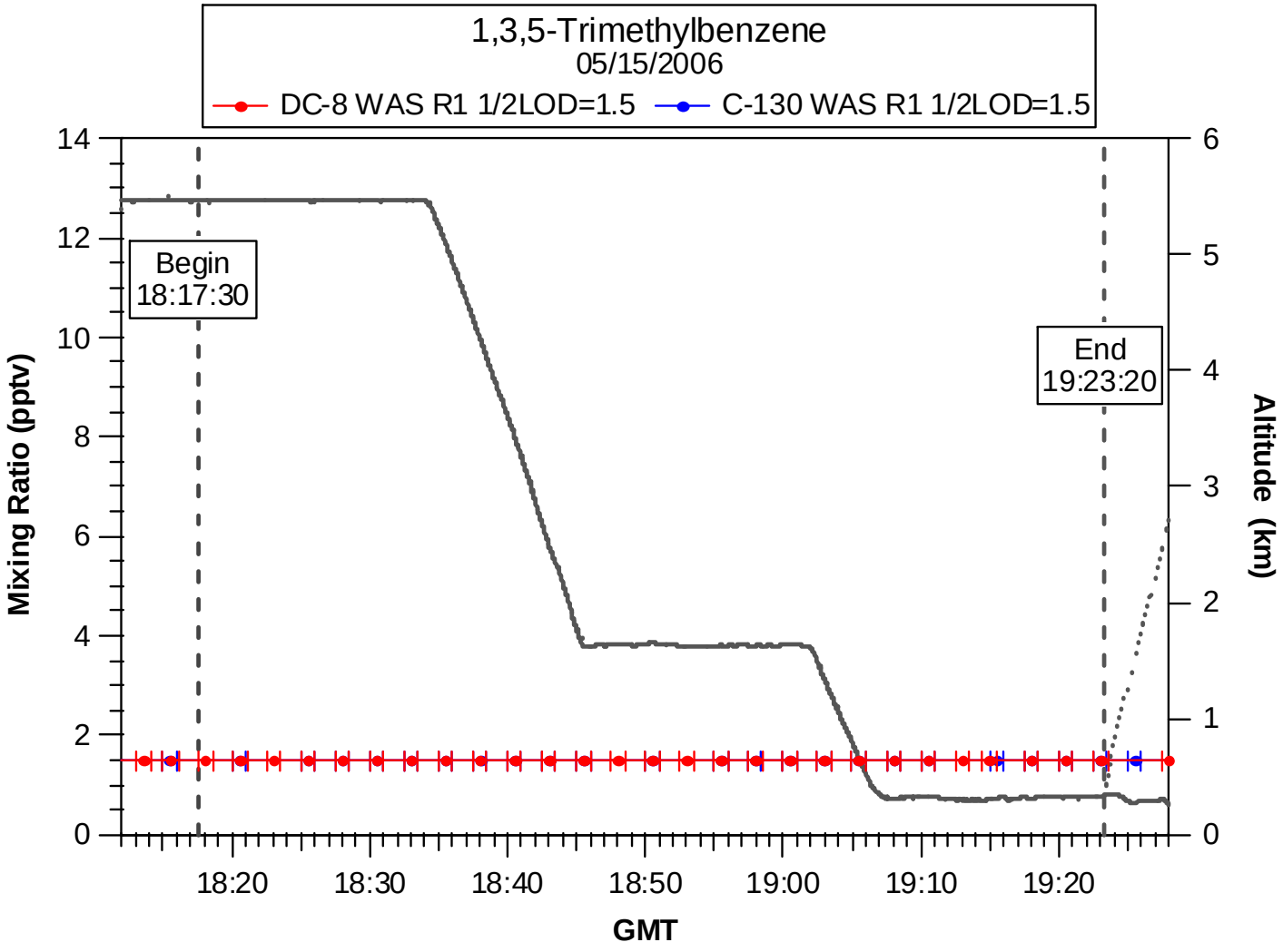

1,2,4-Trimethylbenzene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
2
4
6
8
10
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

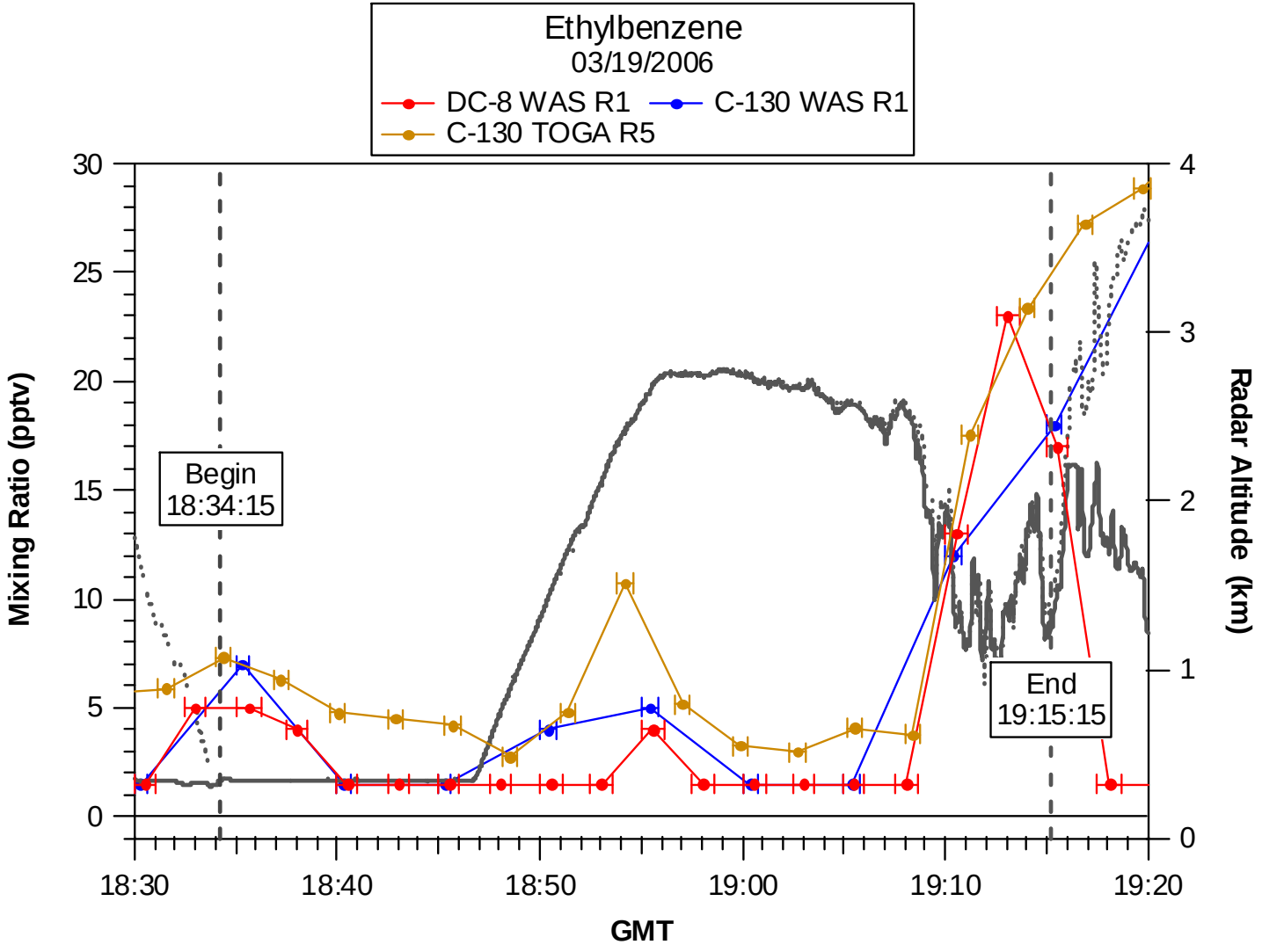

1,2,4-Trimethylbenzene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

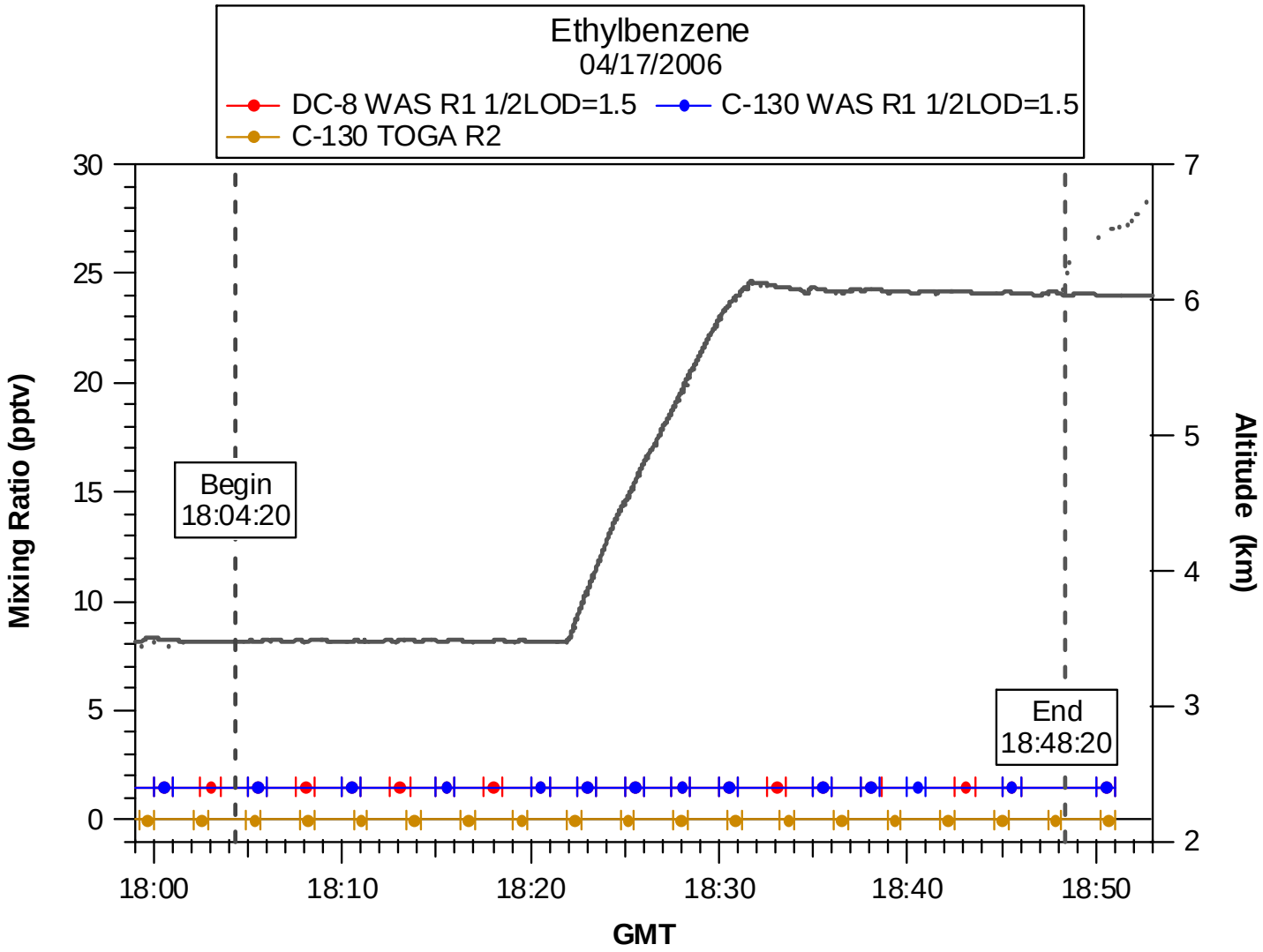

1,2,4-Trimethylbenzene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

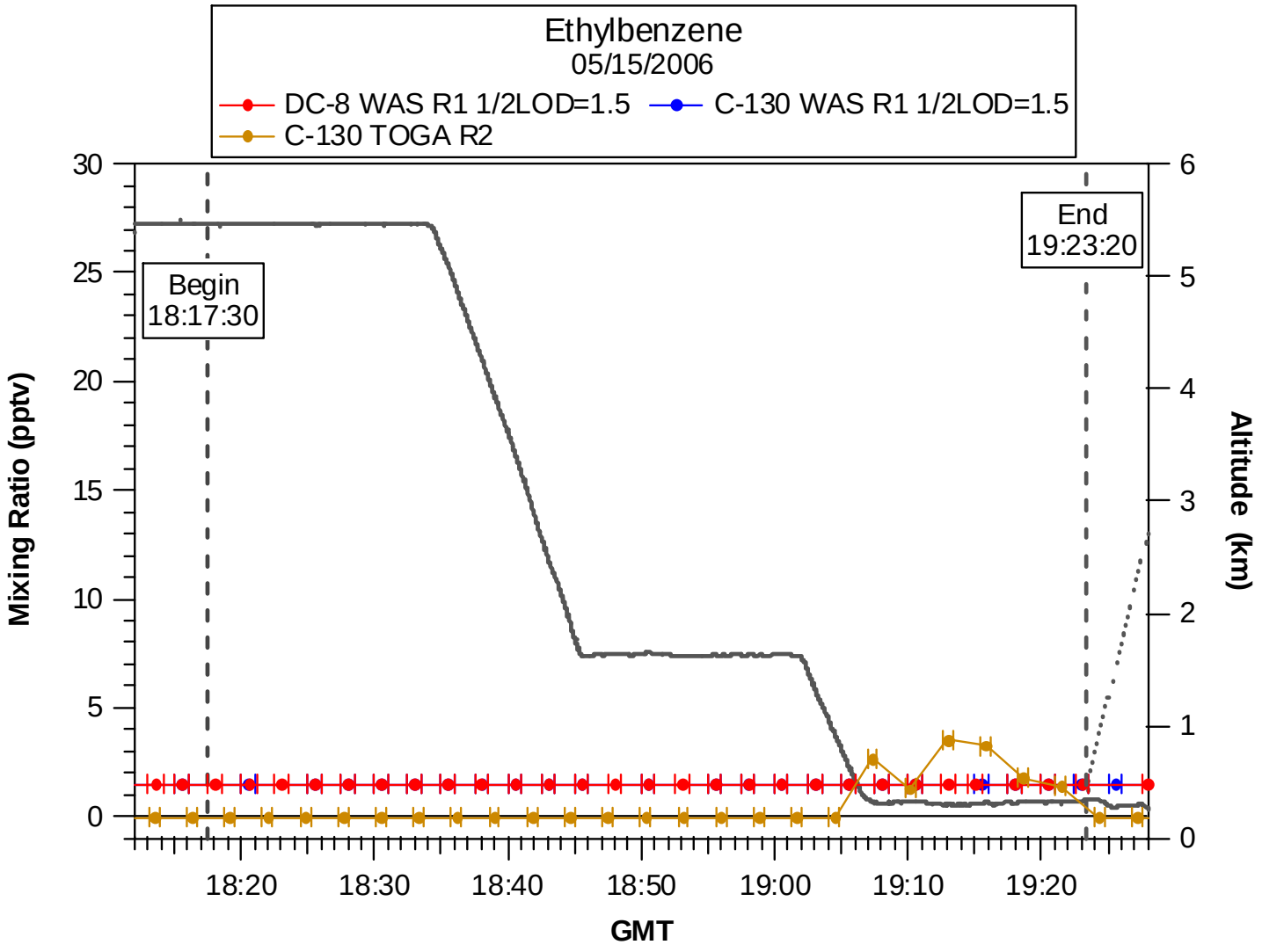

1,3,5-Trimethylbenzene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
2
4
6
8
10
12
14
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

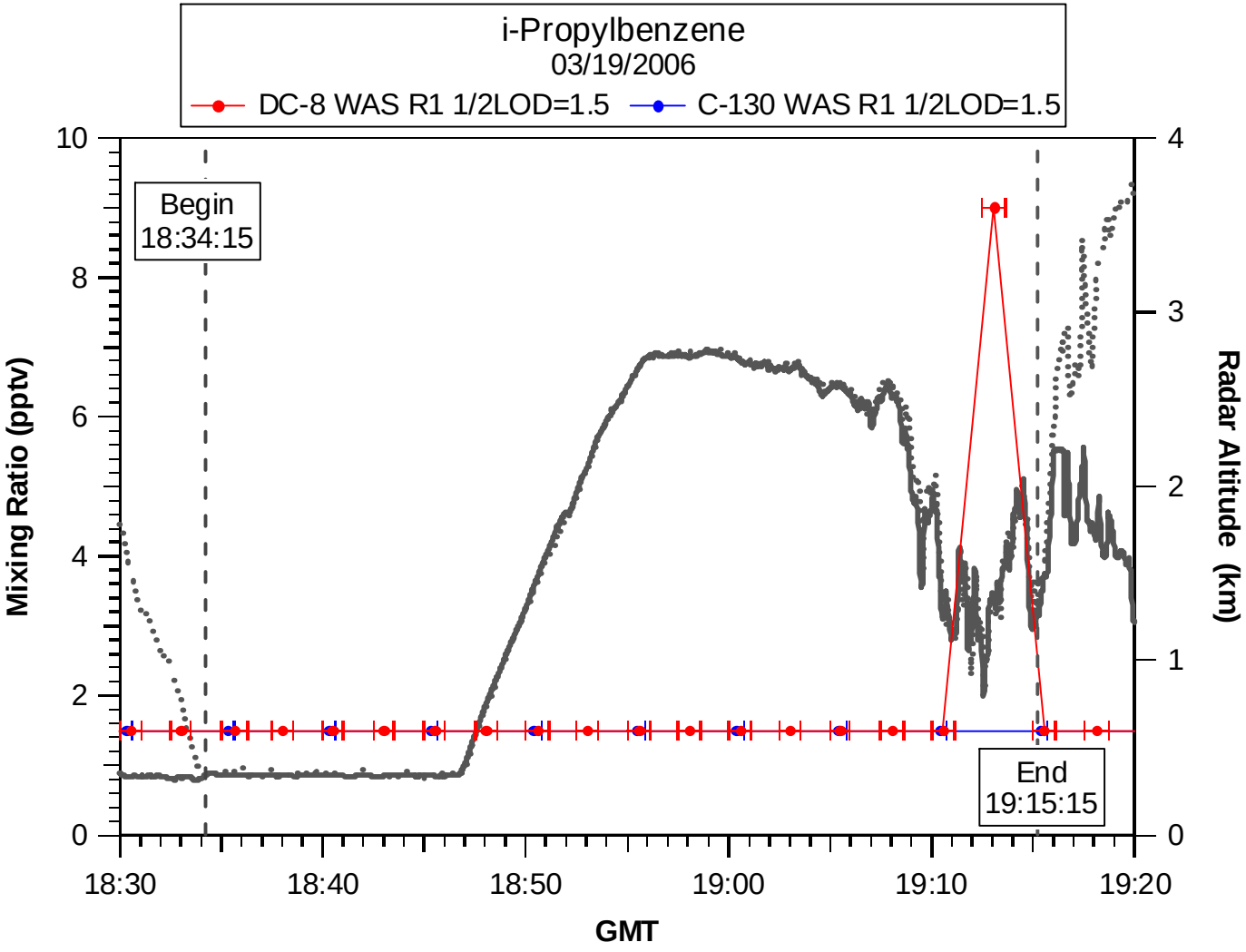

1,3,5-Trimethylbenzene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
14
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

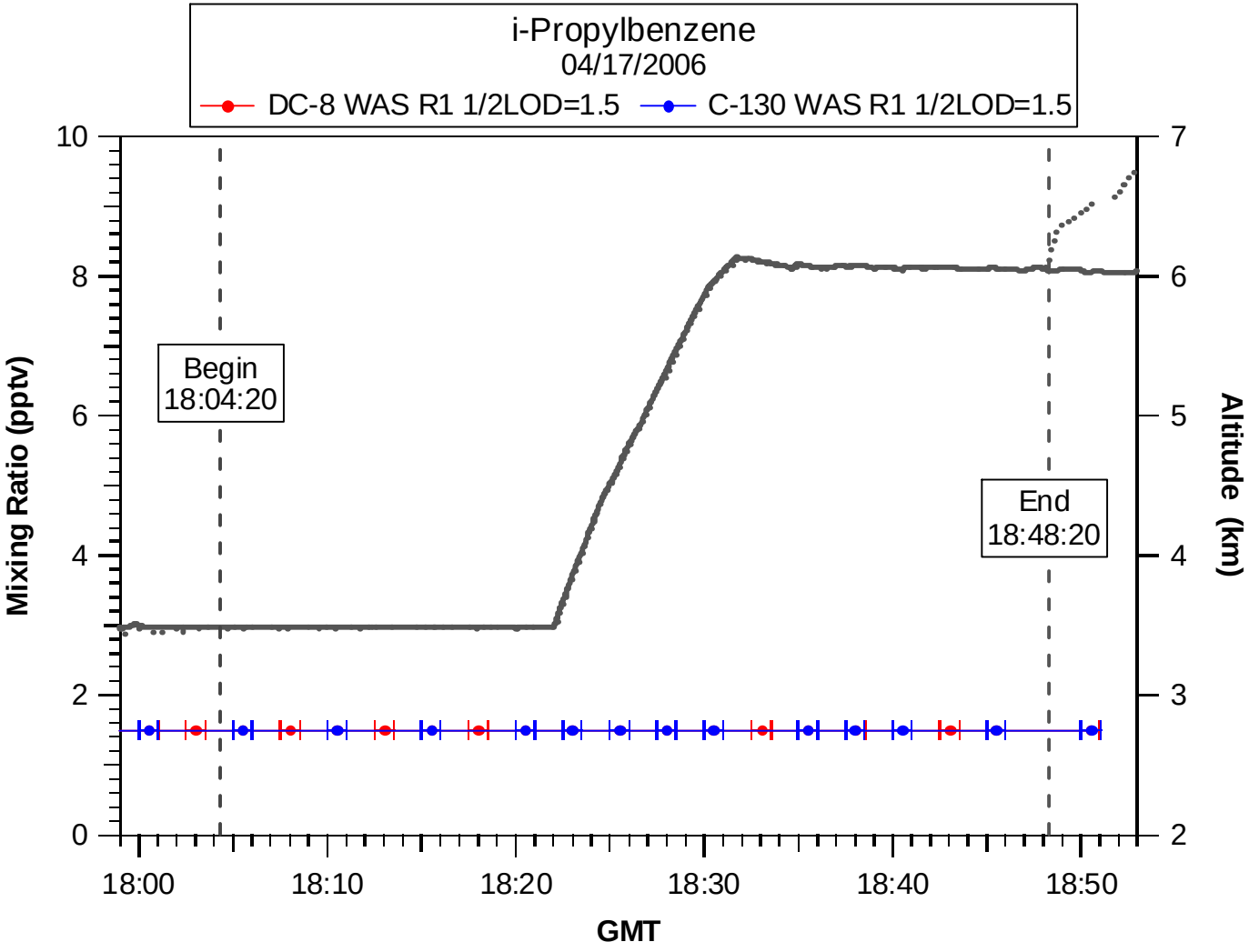

1,3,5-Trimethylbenzene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

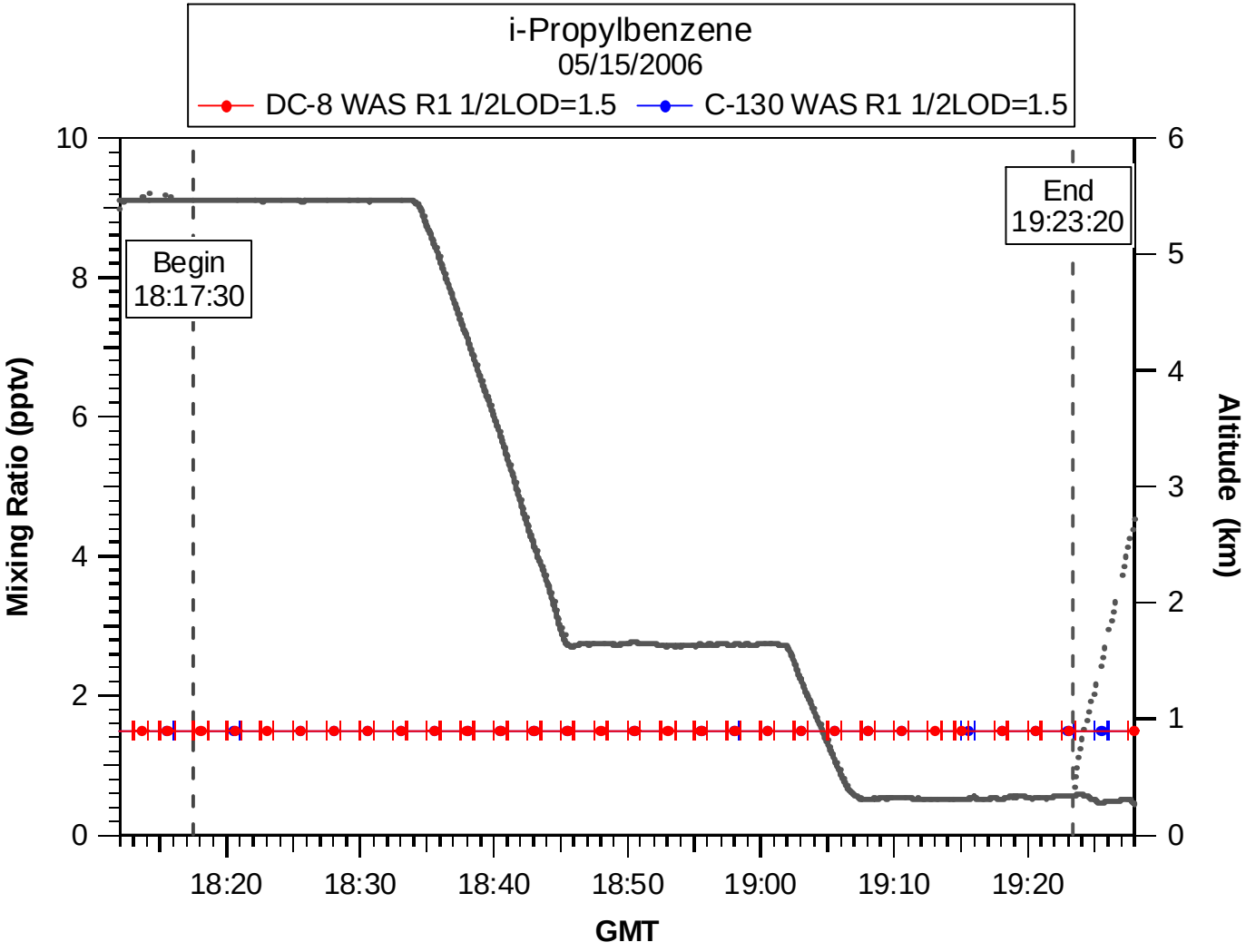

Ethylbenzene
03/19/2006
DC-8 WAS R1
C-130 WAS R1
C-130 TOGA R5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
30
25
20
15
10
5
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

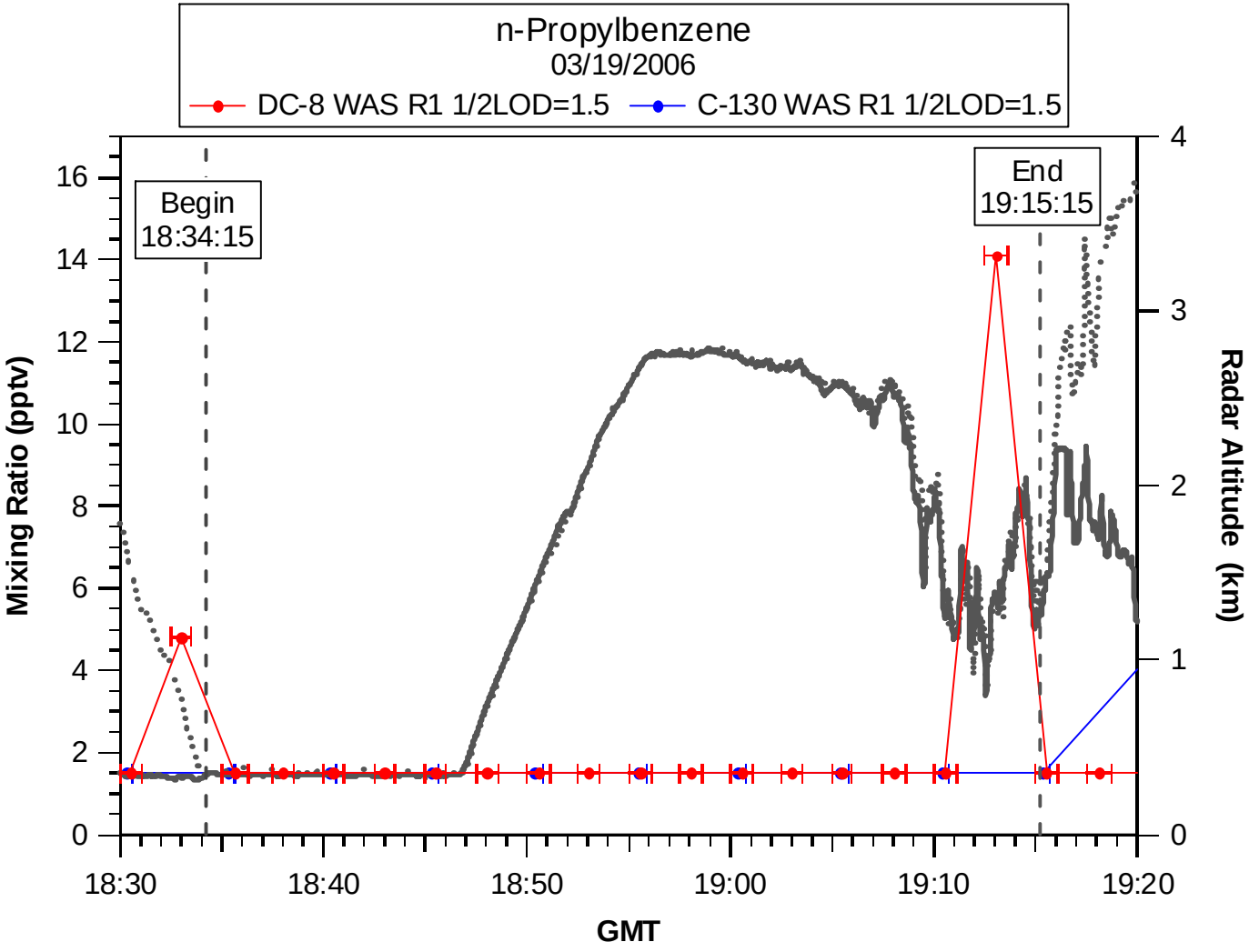

Ethylbenzene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
30
25
20
15
10
5
0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50

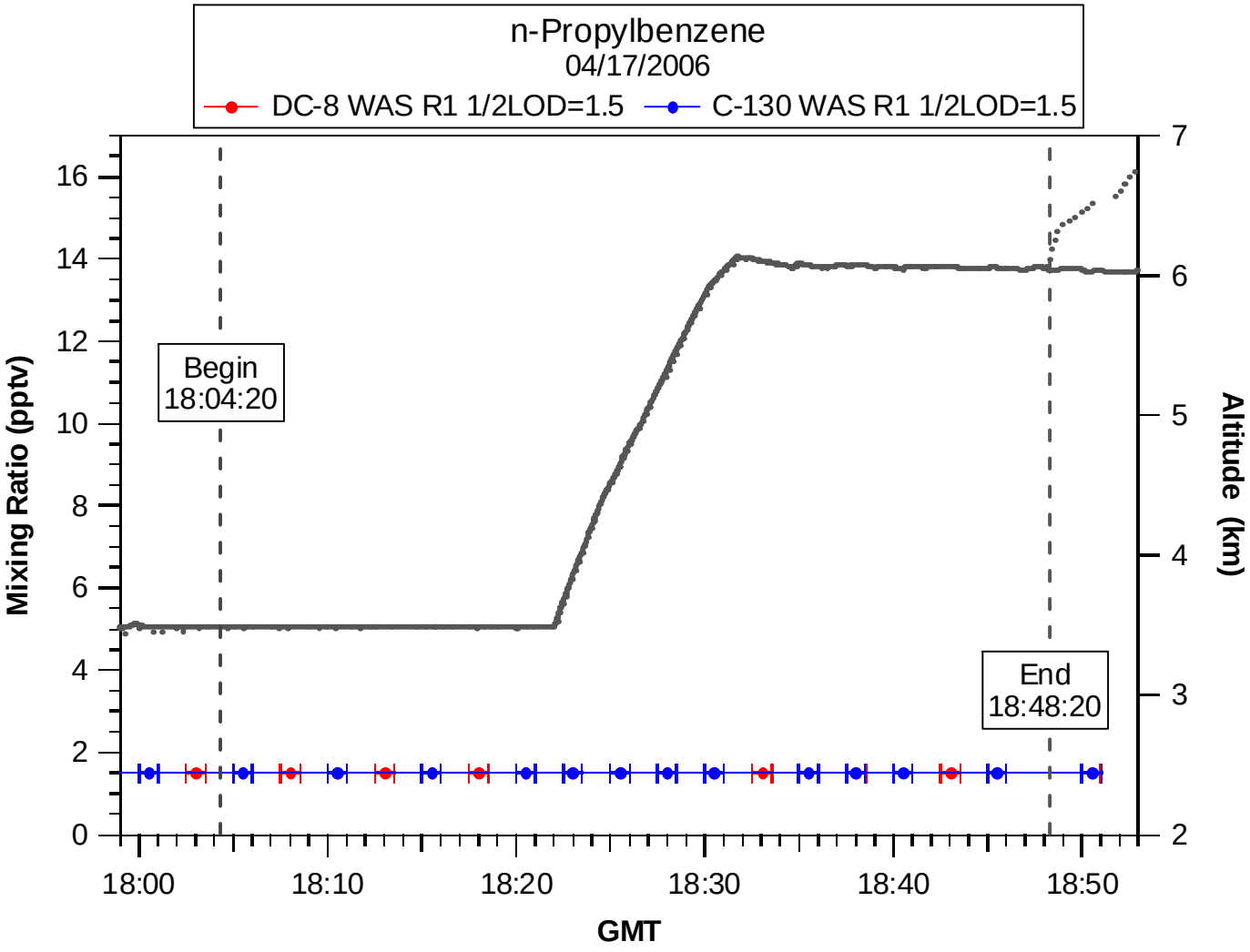

Ethylbenzene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R2
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
30
25
20
15
10
5
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

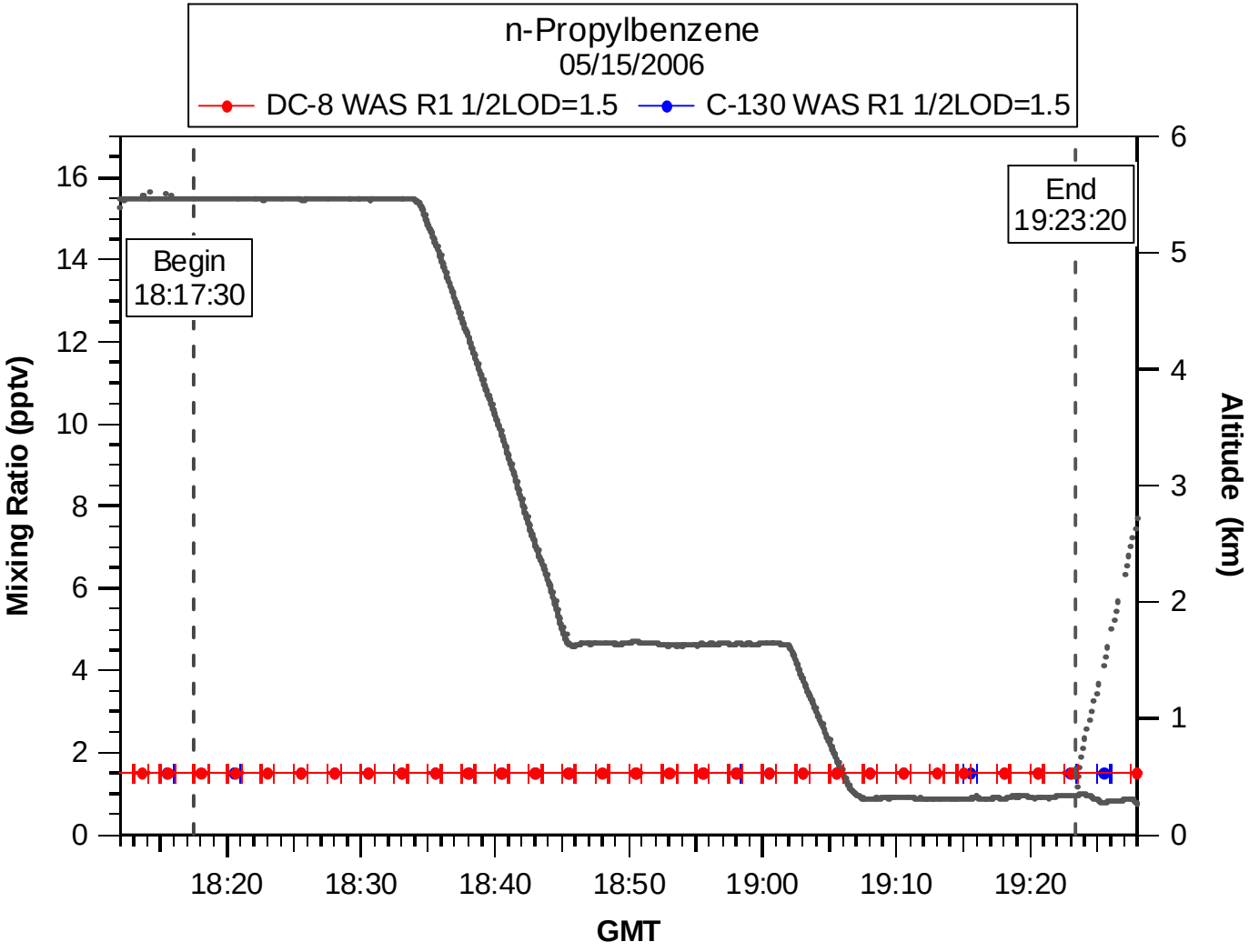

i-Propylbenzene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
2
4
6
8
10
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

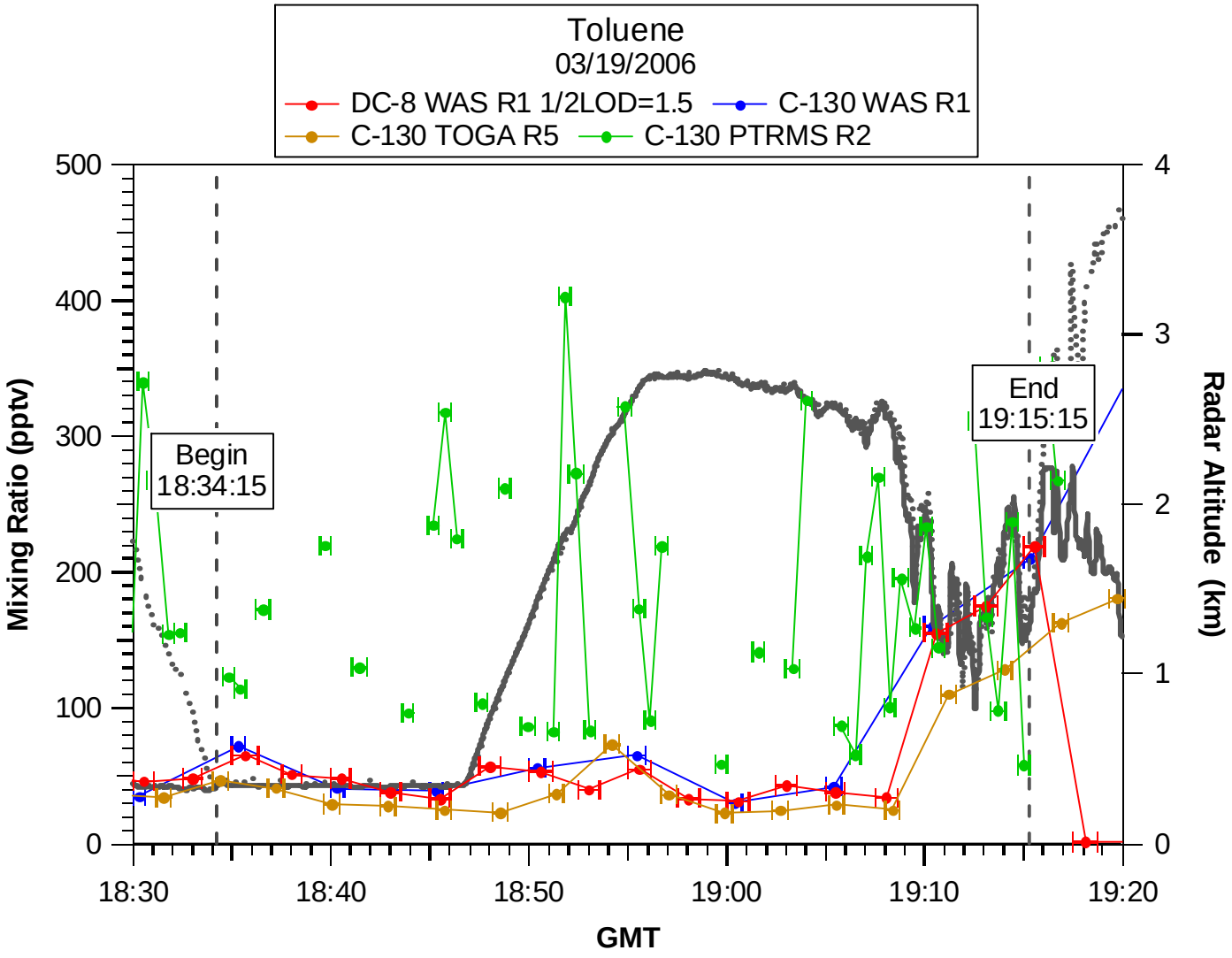

i-Propylbenzene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

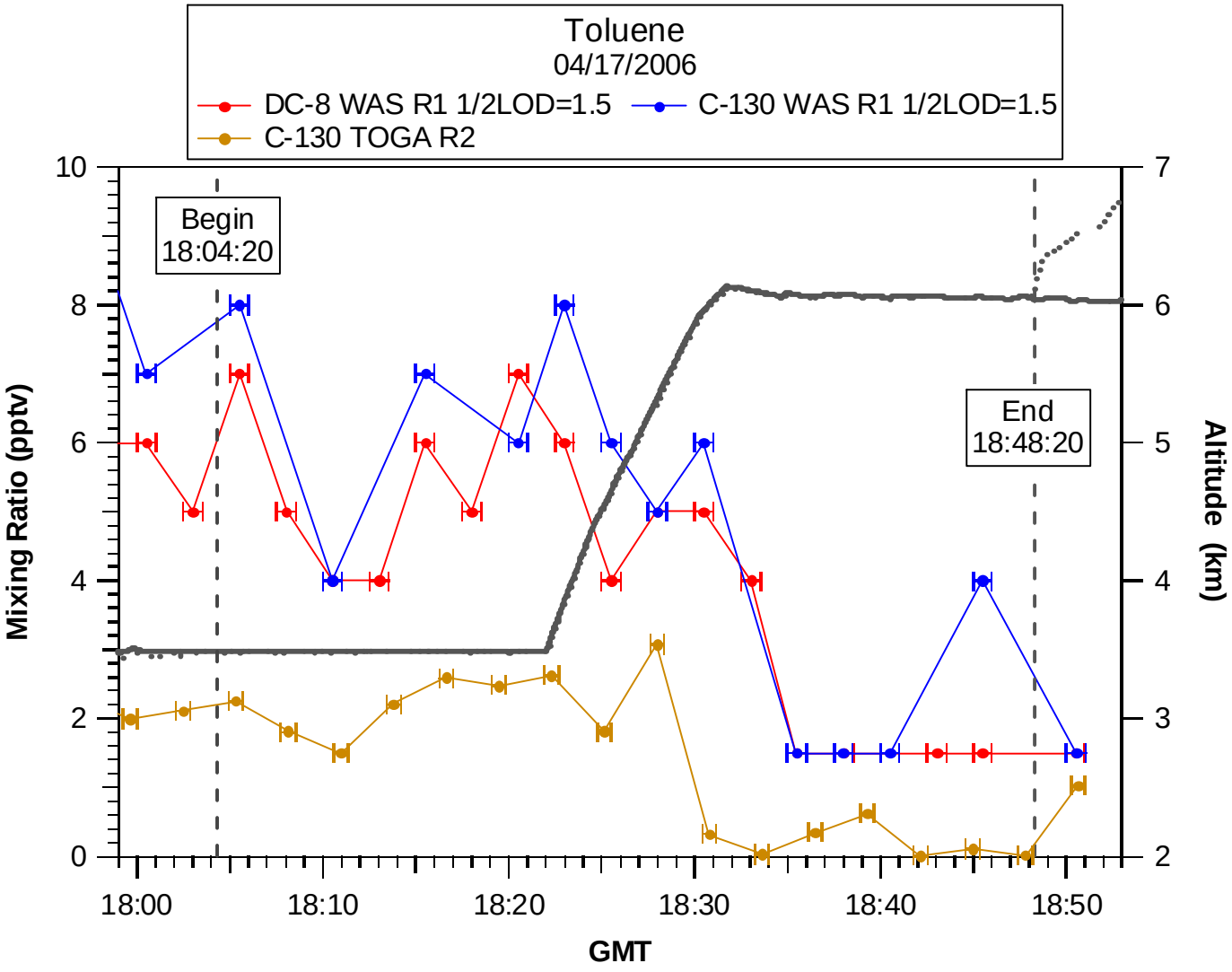

i-Propylbenzene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

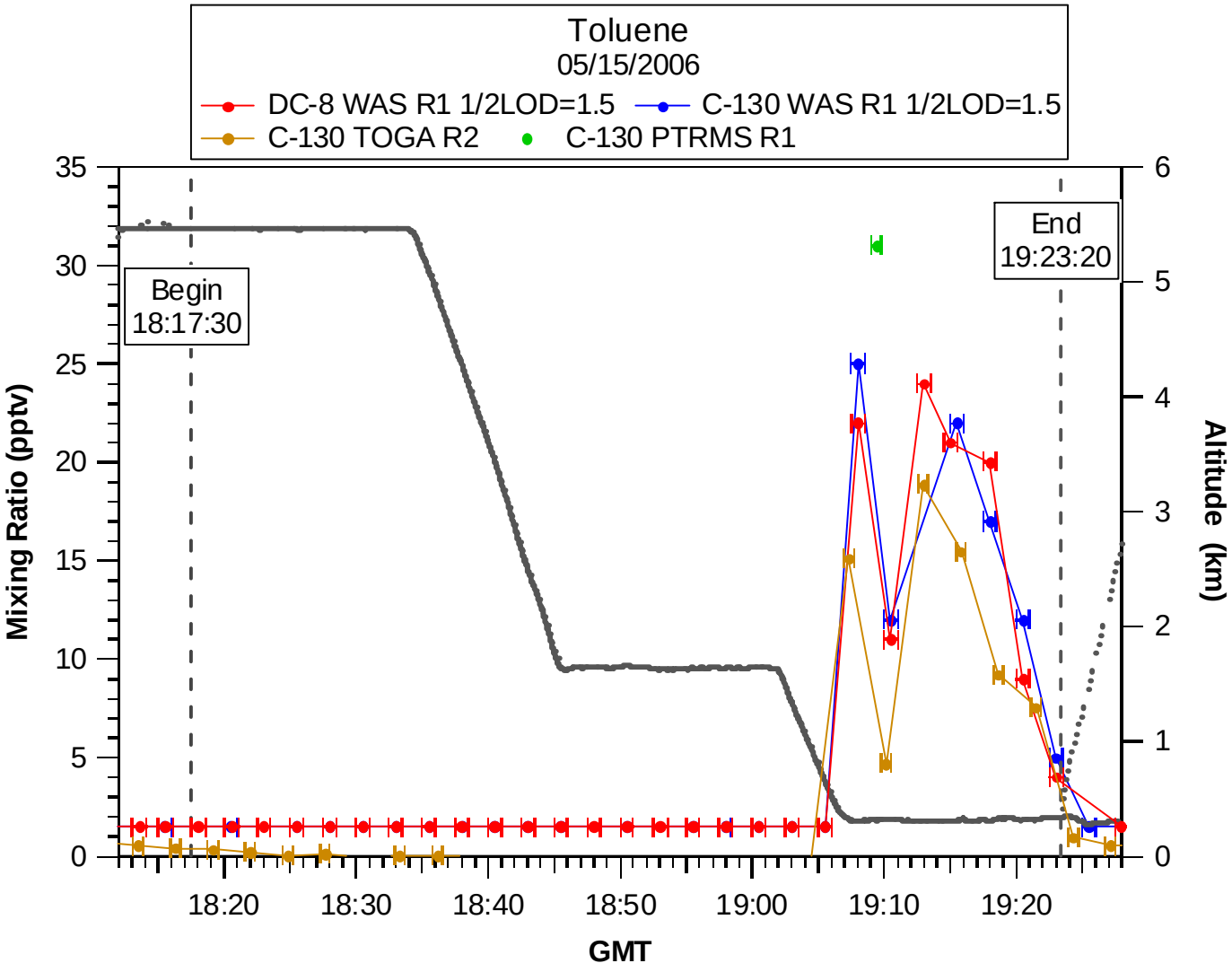

n-Propylbenzene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
2
4
6
8
10
12
14
16
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

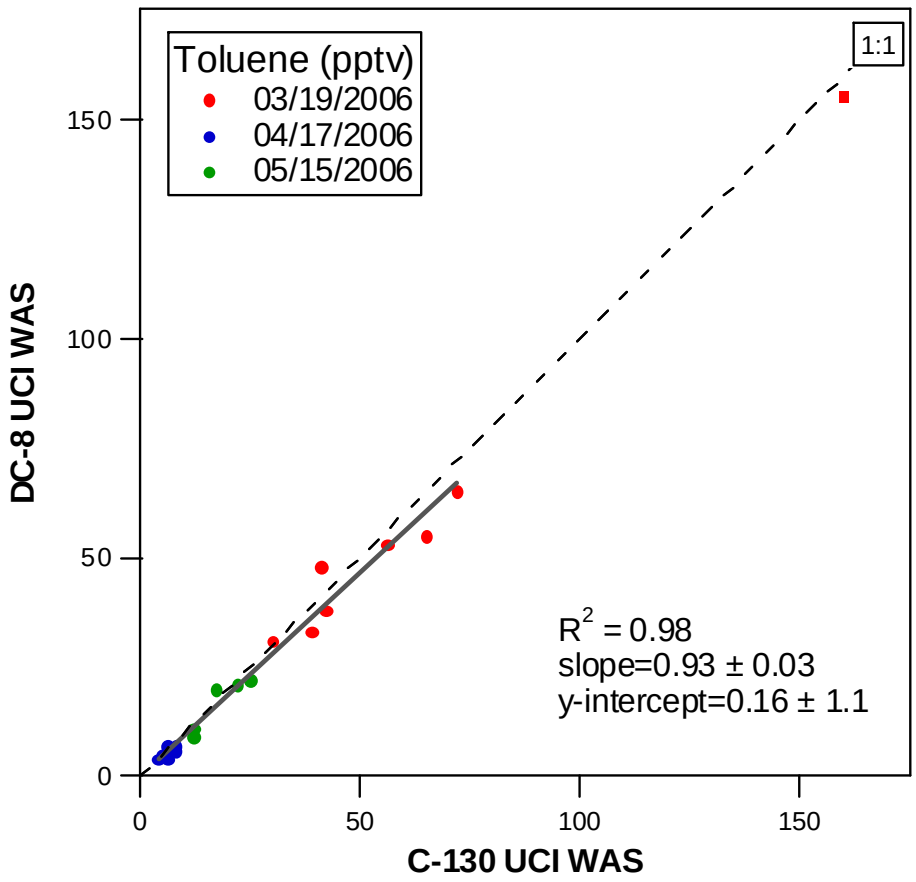

n-Propylbenzene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
14
16
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

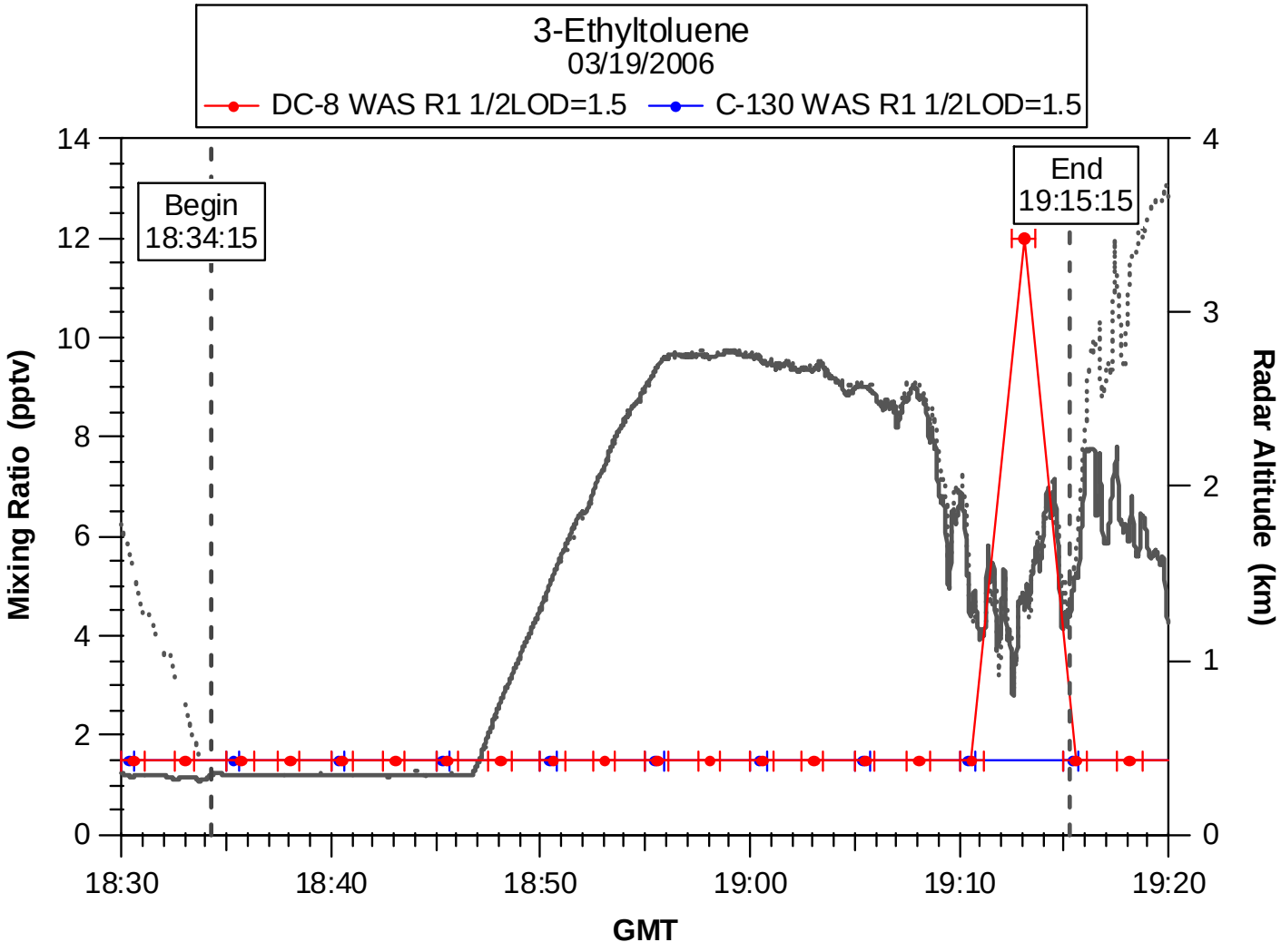

n-Propylbenzene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
14
16
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

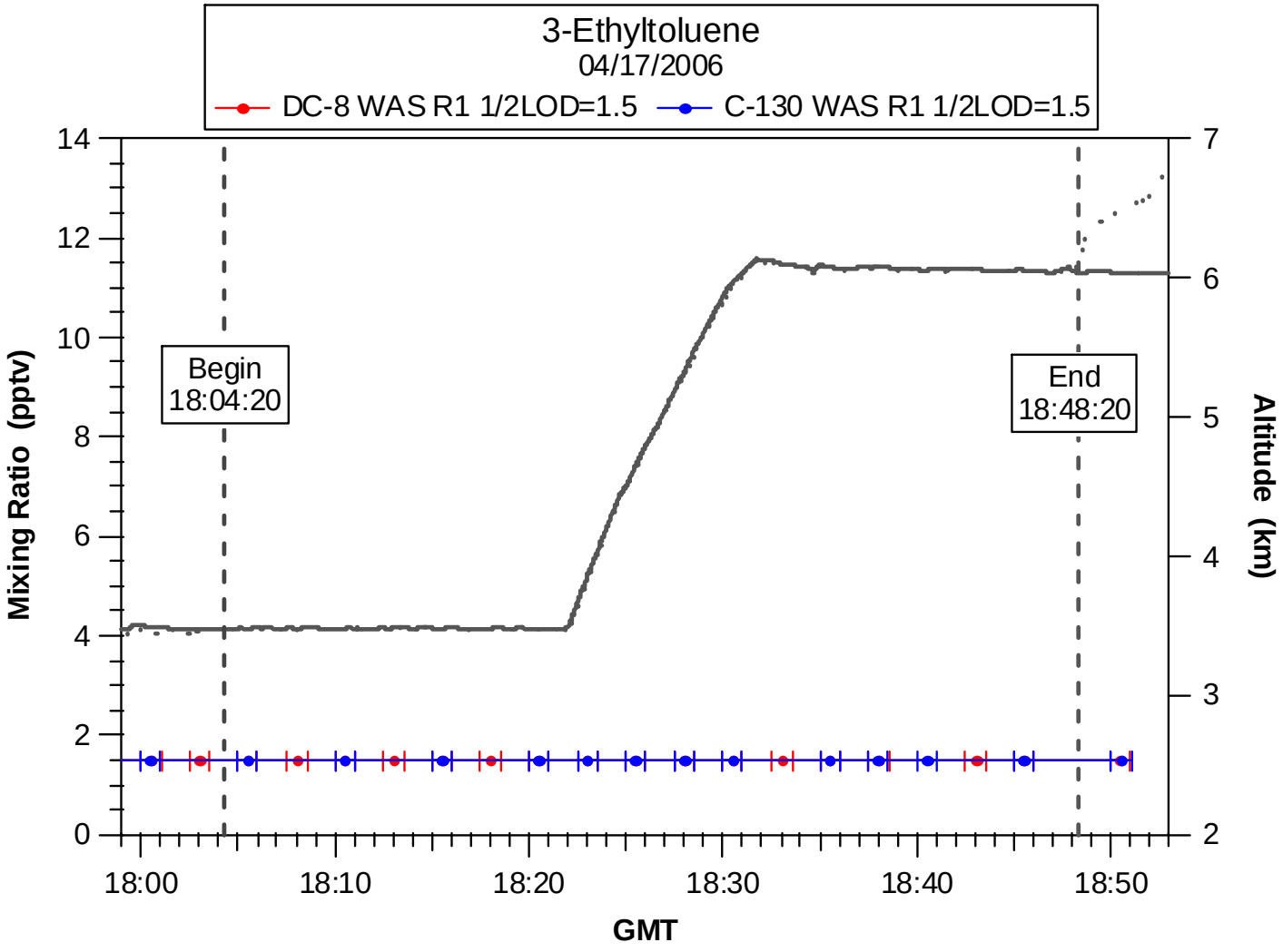

Toluene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1
C-130 TOGA R5
C-130 PTRMS R2
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
500
400
300
200
100
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

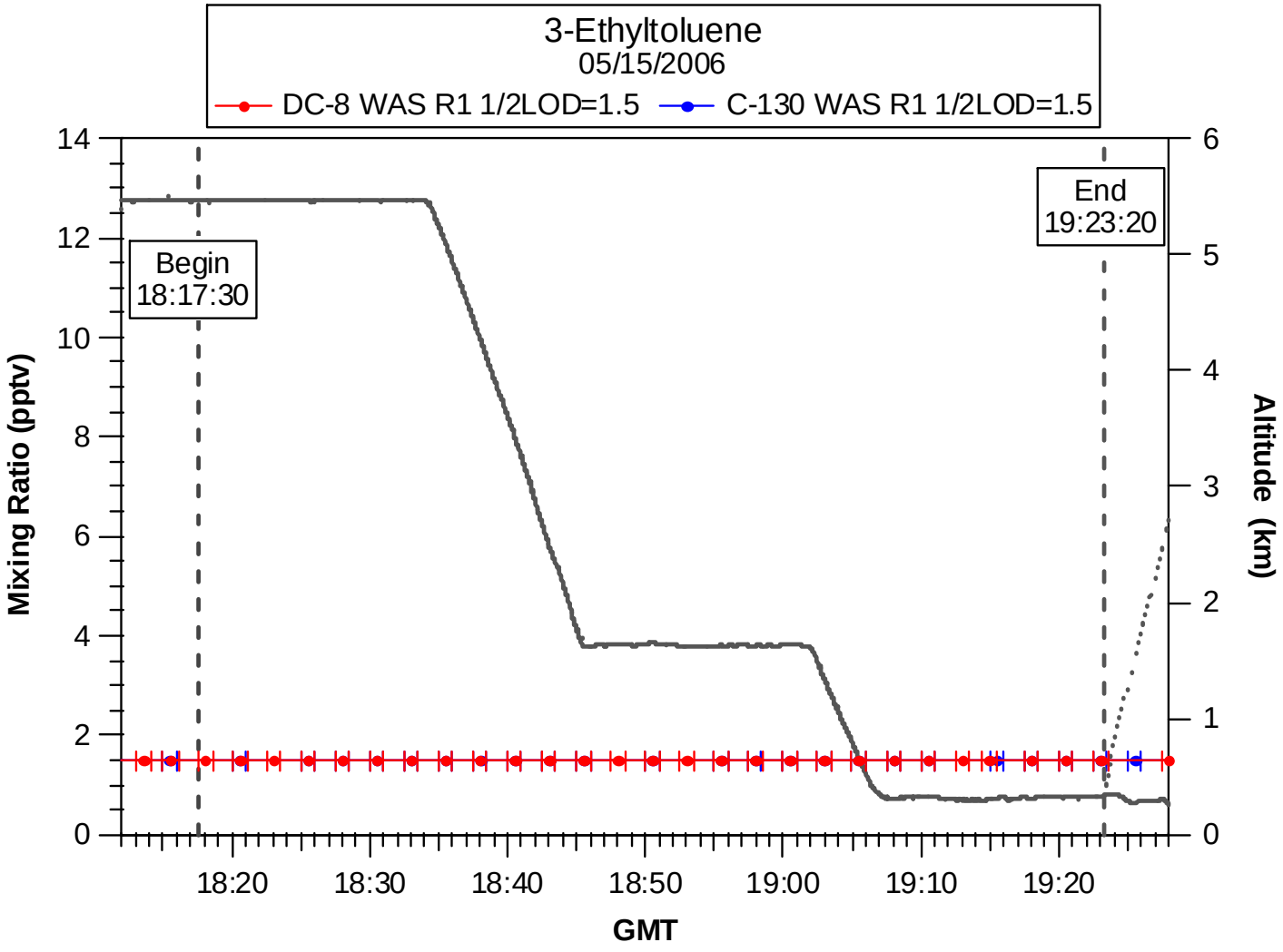

Toluene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

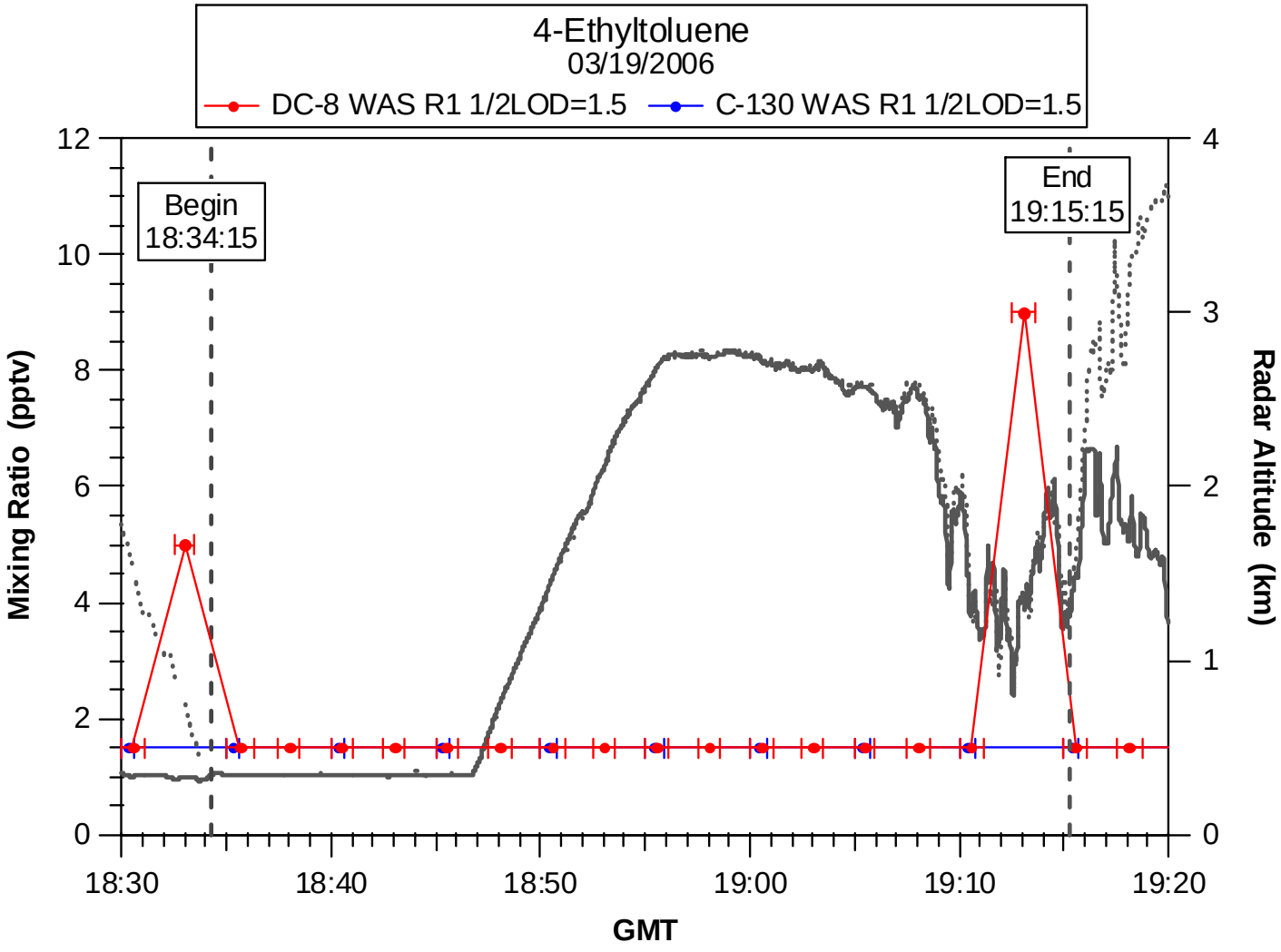

Toluene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R2
C-130 PTRMS R1
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
35
30
25
20
15
10
5
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20

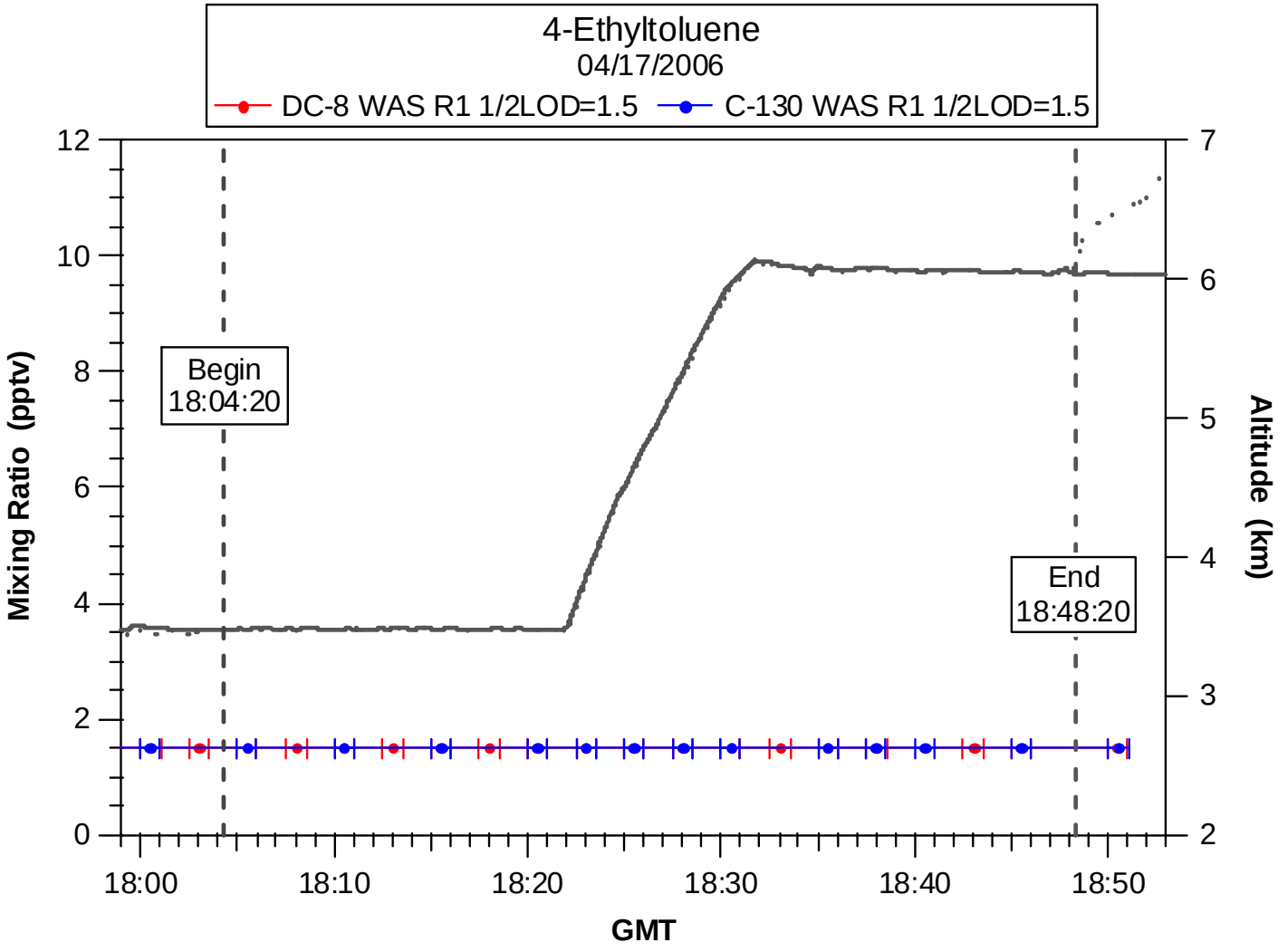

Toluene (pptv)
03/19/2006
04/17/2006
05/15/2006
1:1
R^2 = 0.98
slope=0.93 ± 0.03
y-intercept=0.16 ± 1.1
DC-8 UCI WAS
C-130 UCI WAS
0
50
100
150

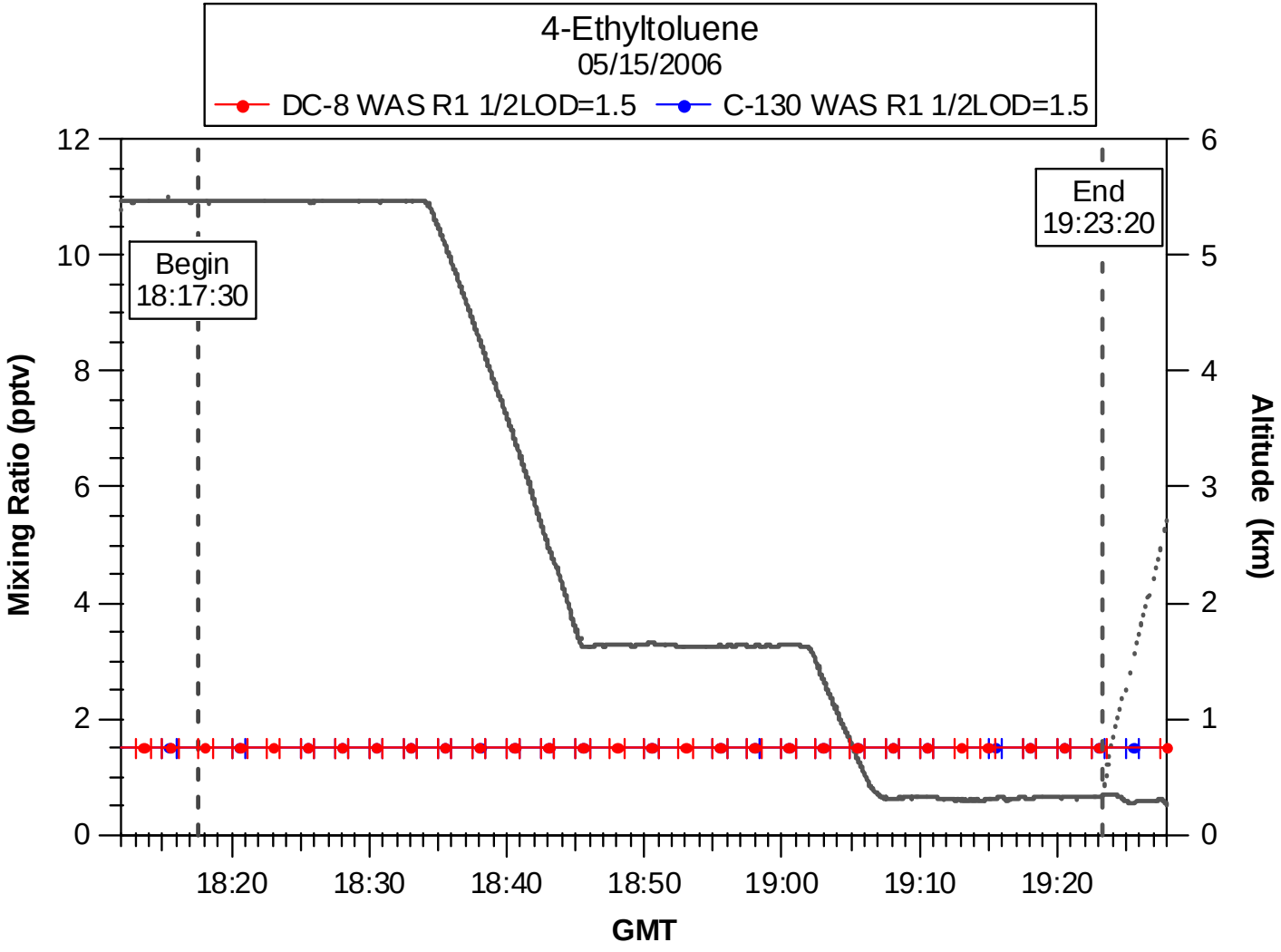

3-Ethyltoluene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
2
4
6
8
10
12
14
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

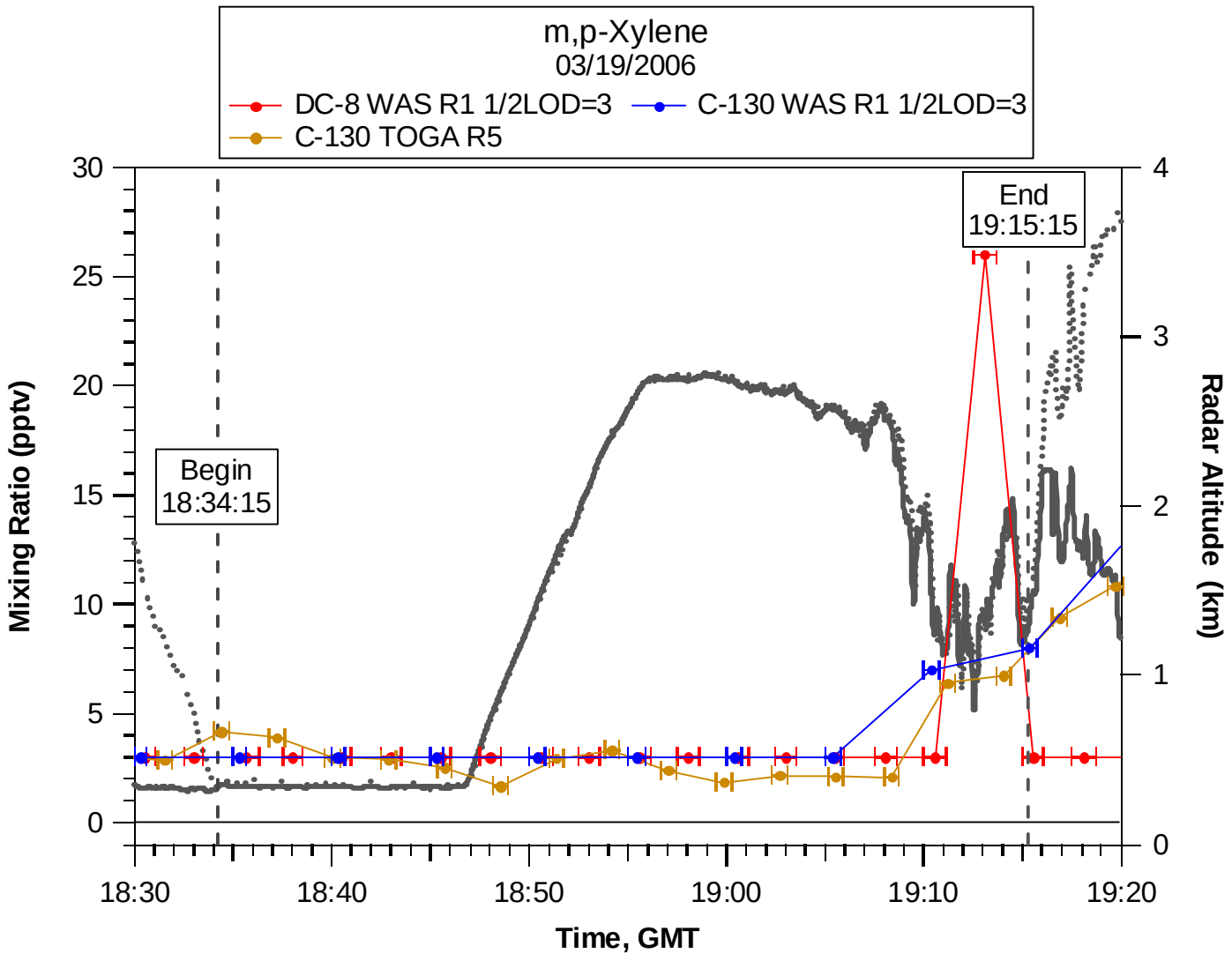

3-Ethyltoluene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
14
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

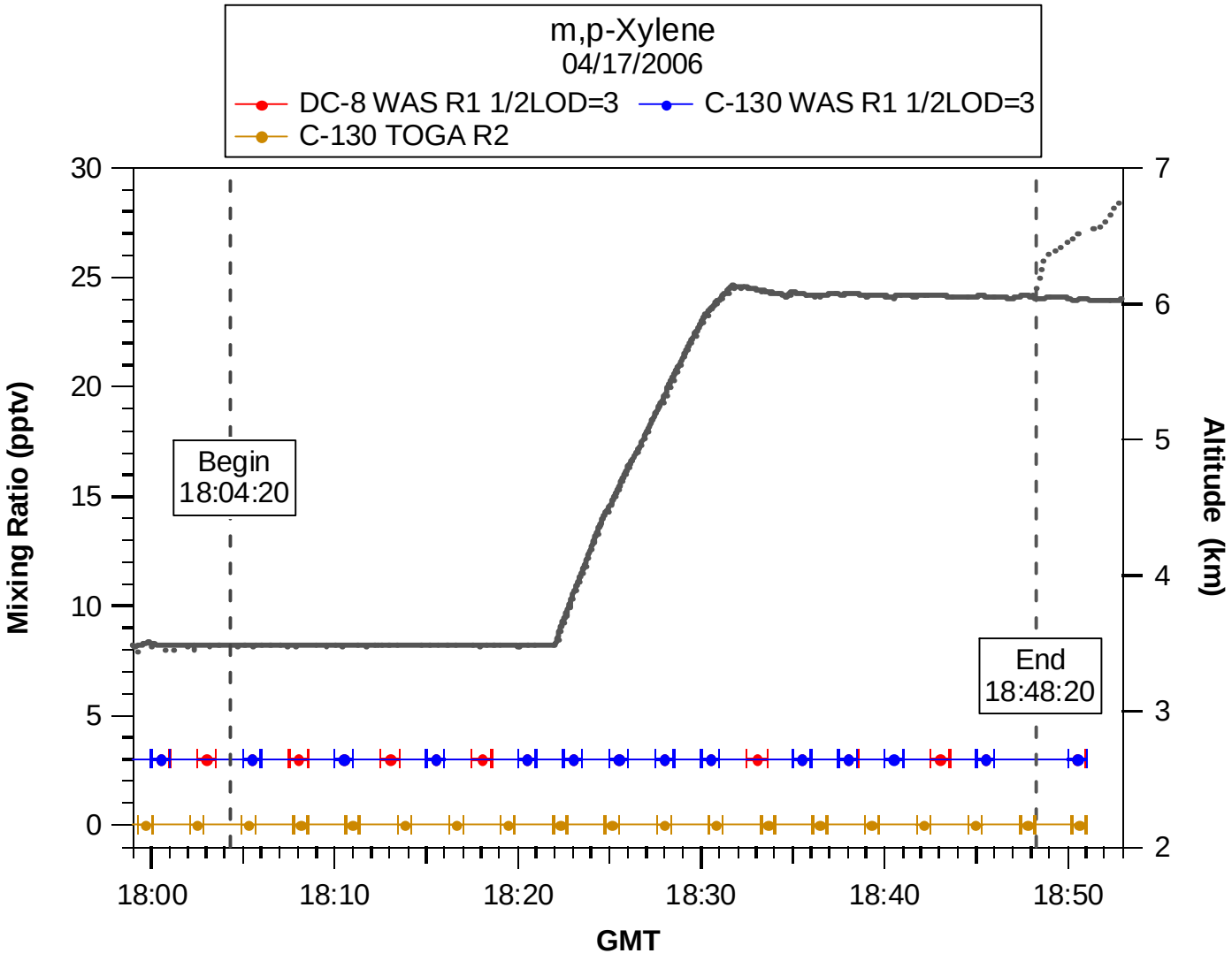

3-Ethyltoluene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

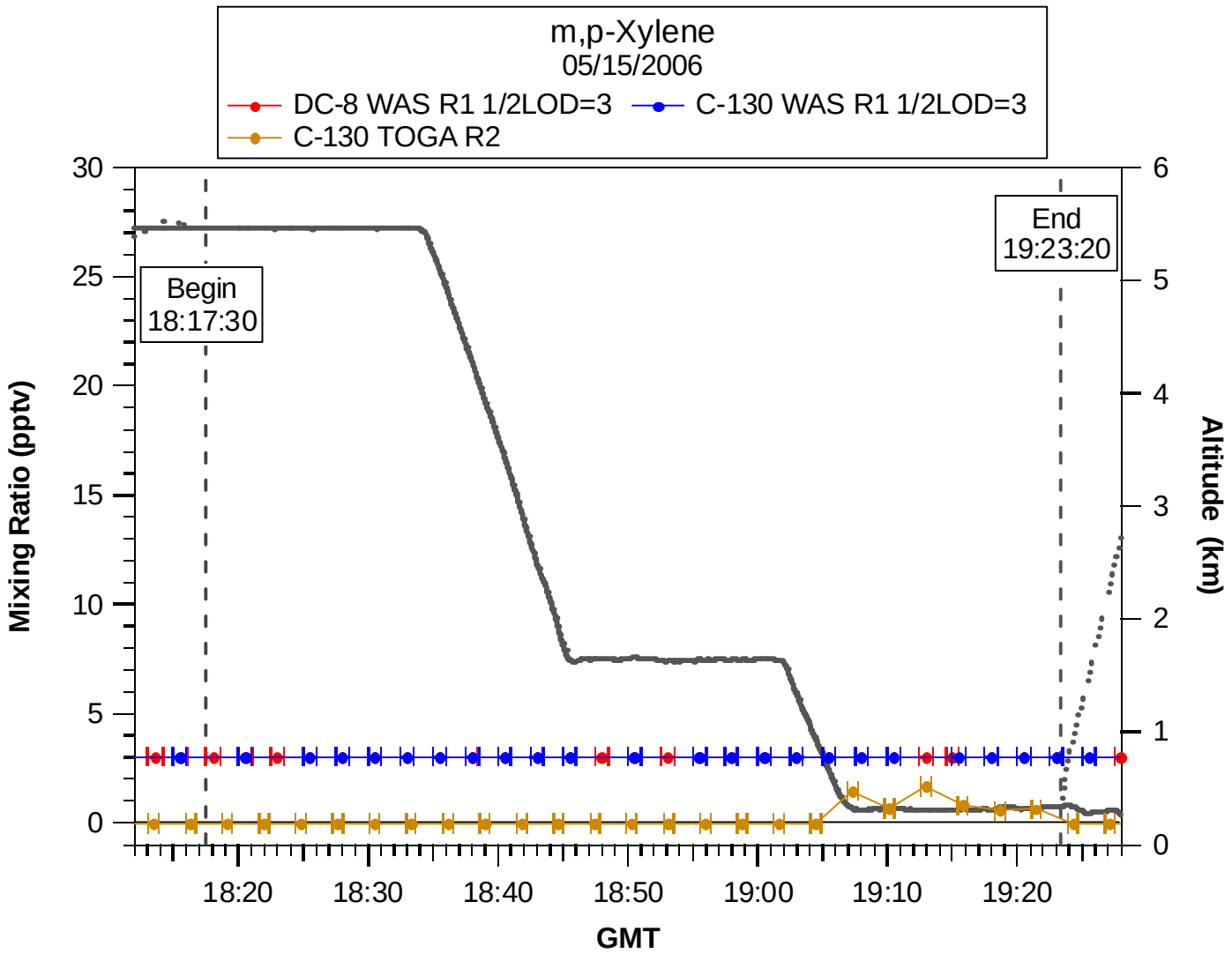

4-Ethyltoluene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
2
4
6
8
10
12
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

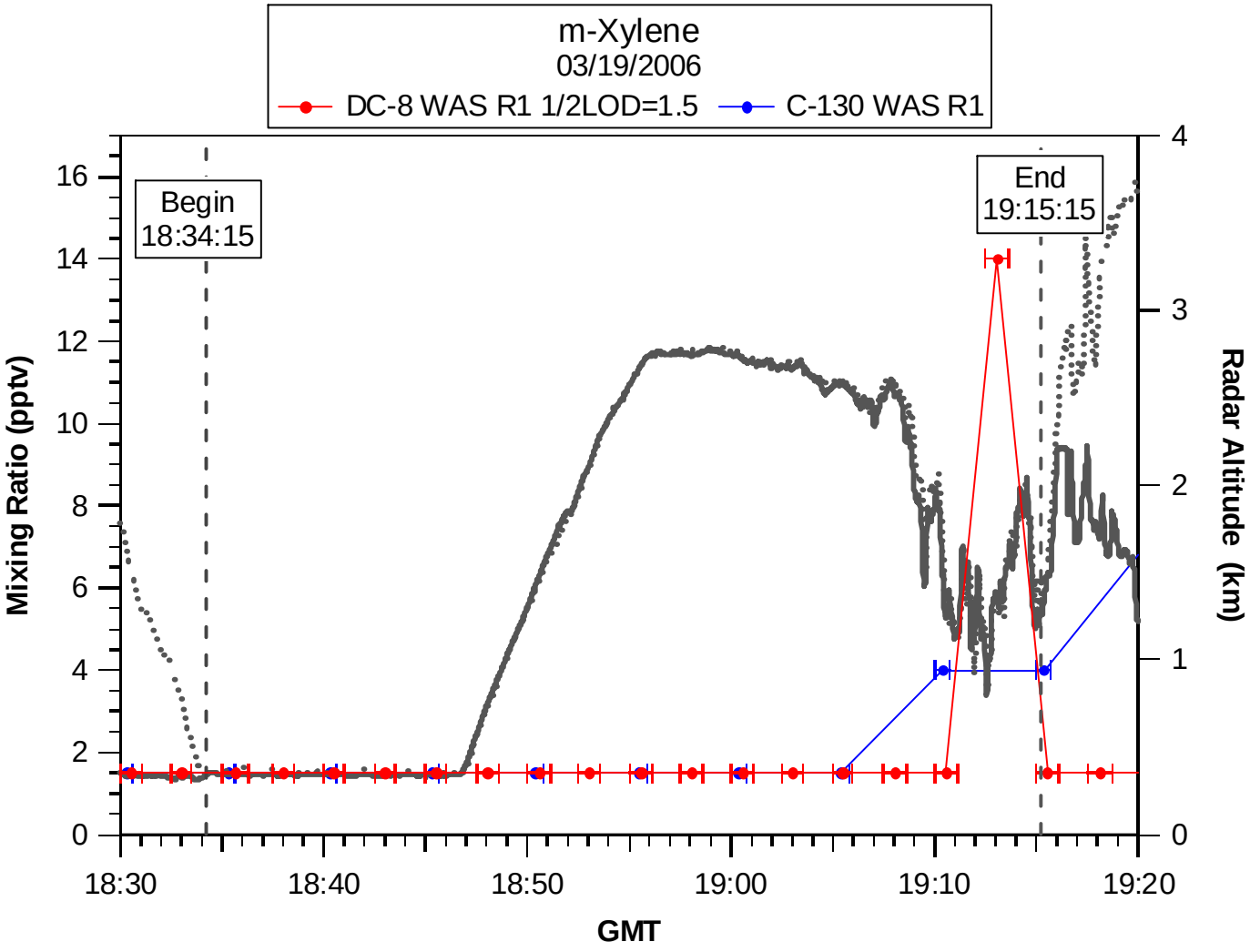

4-Ethyltoluene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

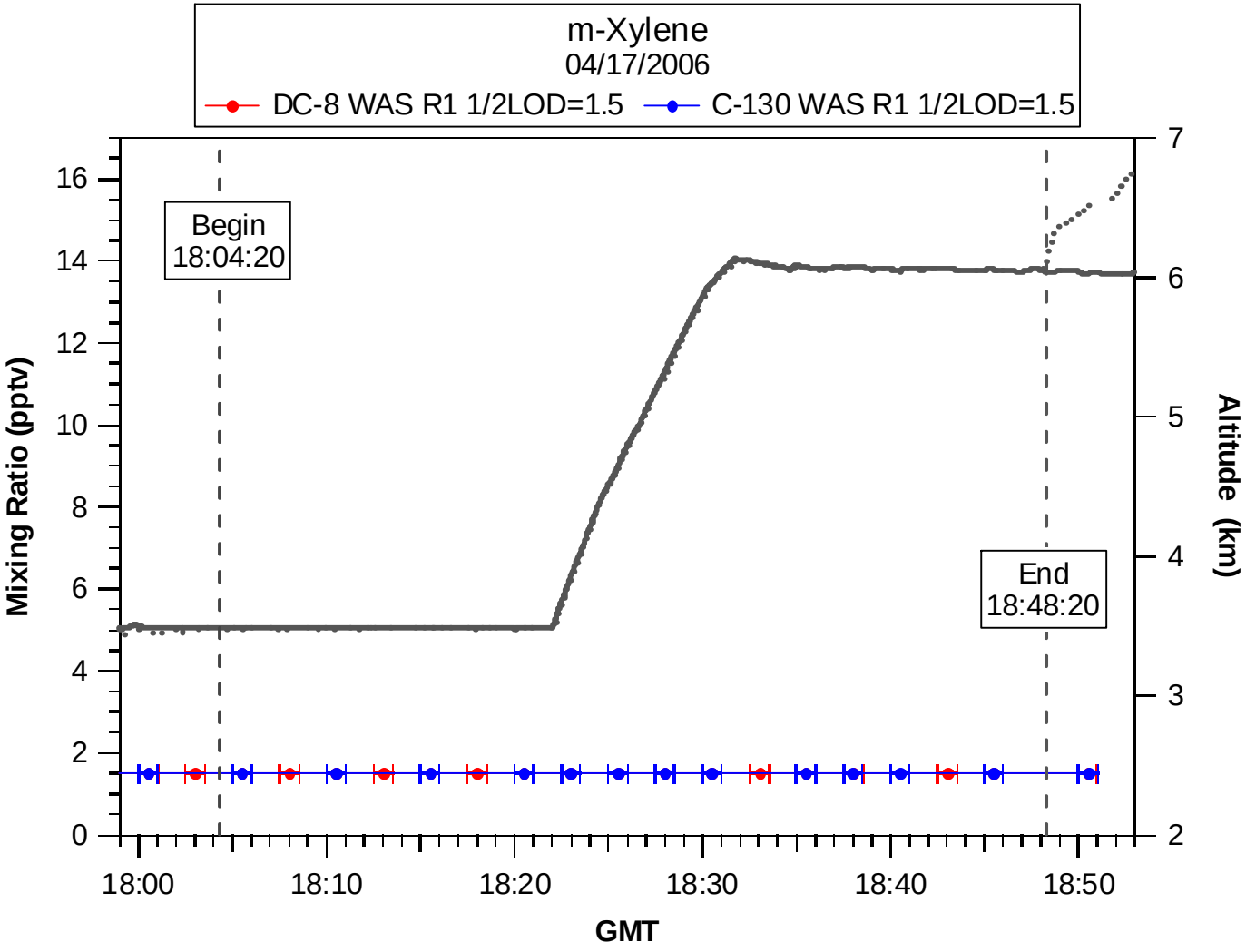

4-Ethyltoluene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

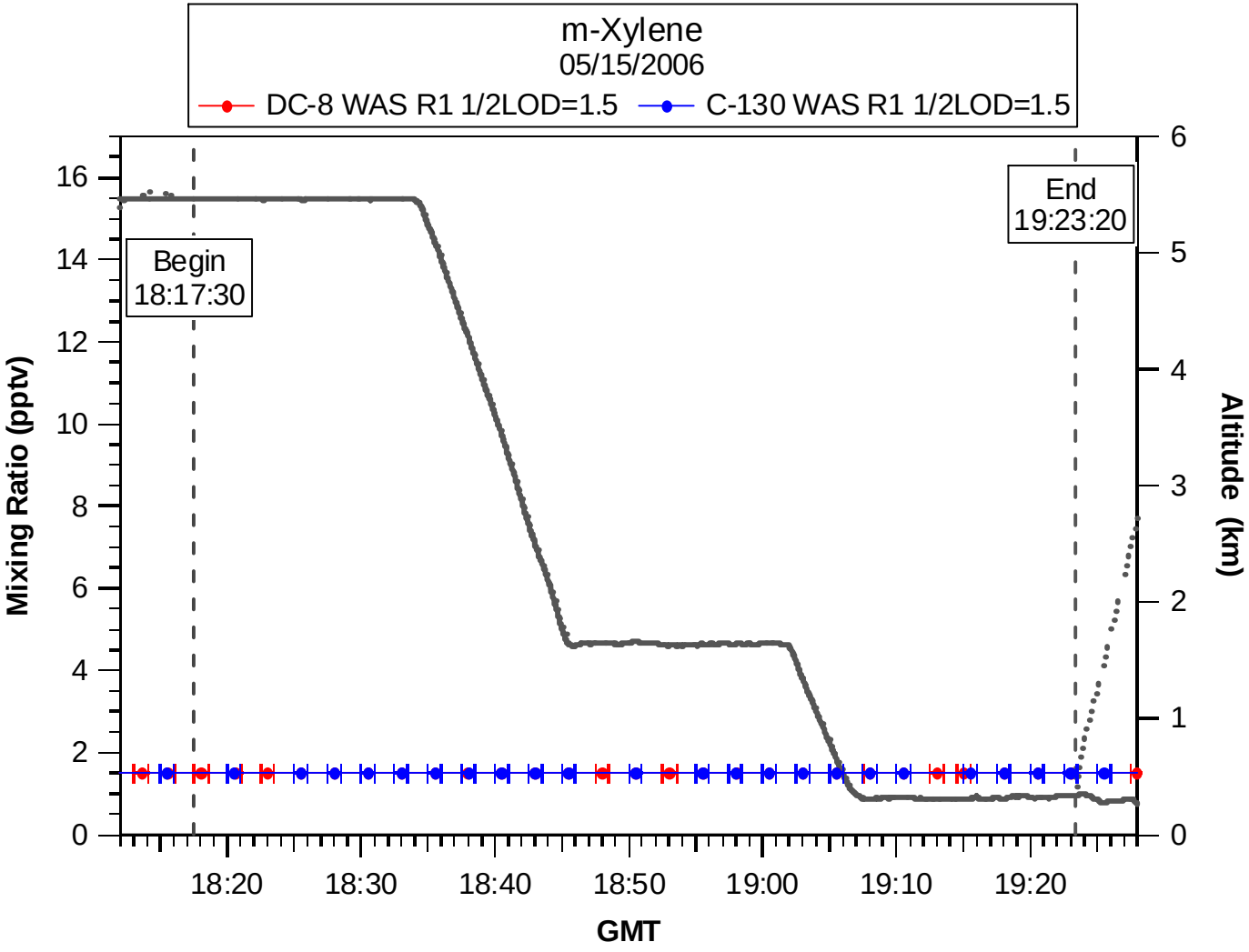

m,p-Xylene
03/19/2006
DC-8 WAS R1 1/2LOD=3
C-130 WAS R1 1/2LOD=3
C-130 TOGA R5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
Time, GMT
0
5
10
15
20
25
30
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

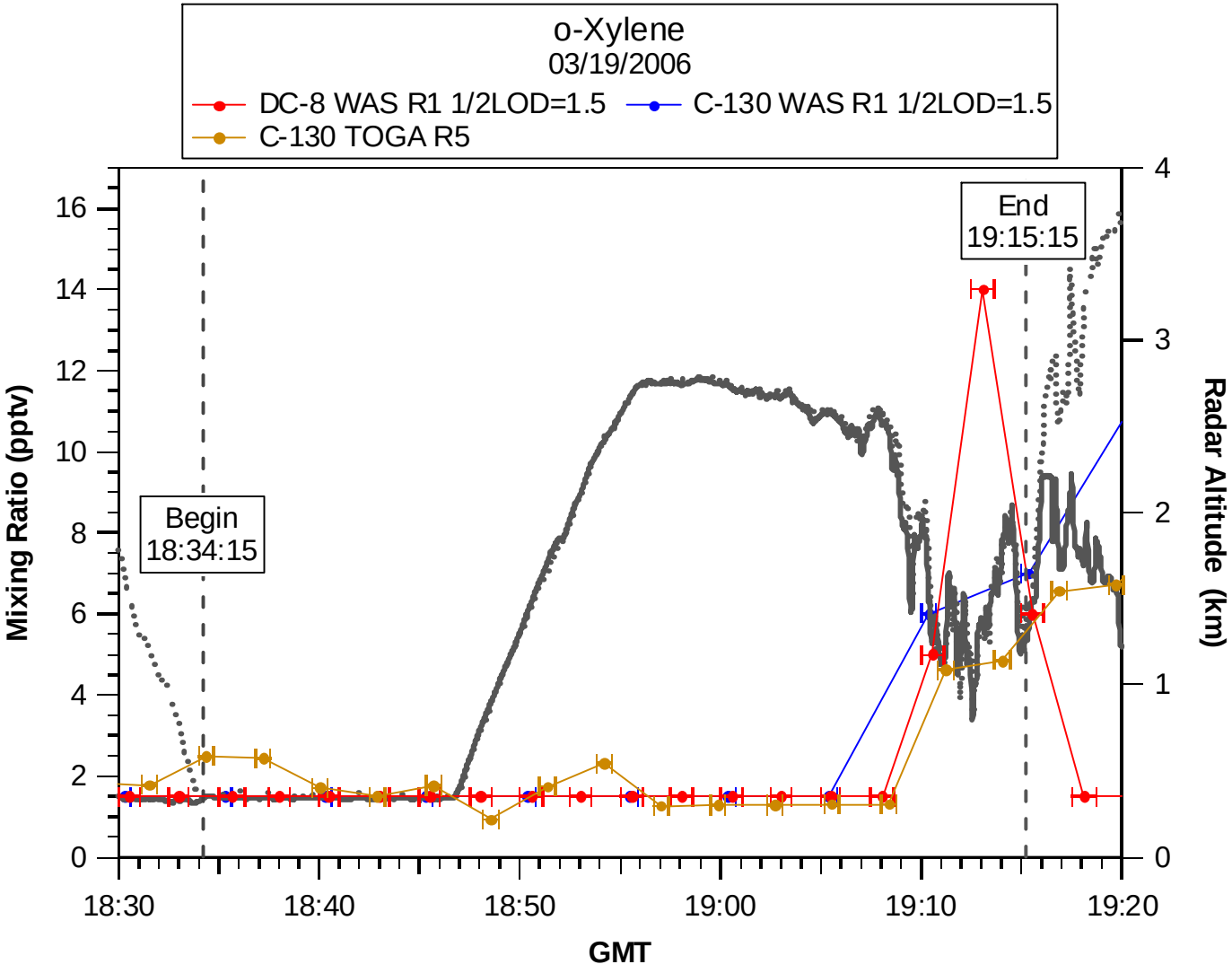

m,p-Xylene
04/17/2006
DC-8 WAS R1 1/2LOD=3
C-130 WAS R1 1/2LOD=3
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
5
10
15
20
25
30
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

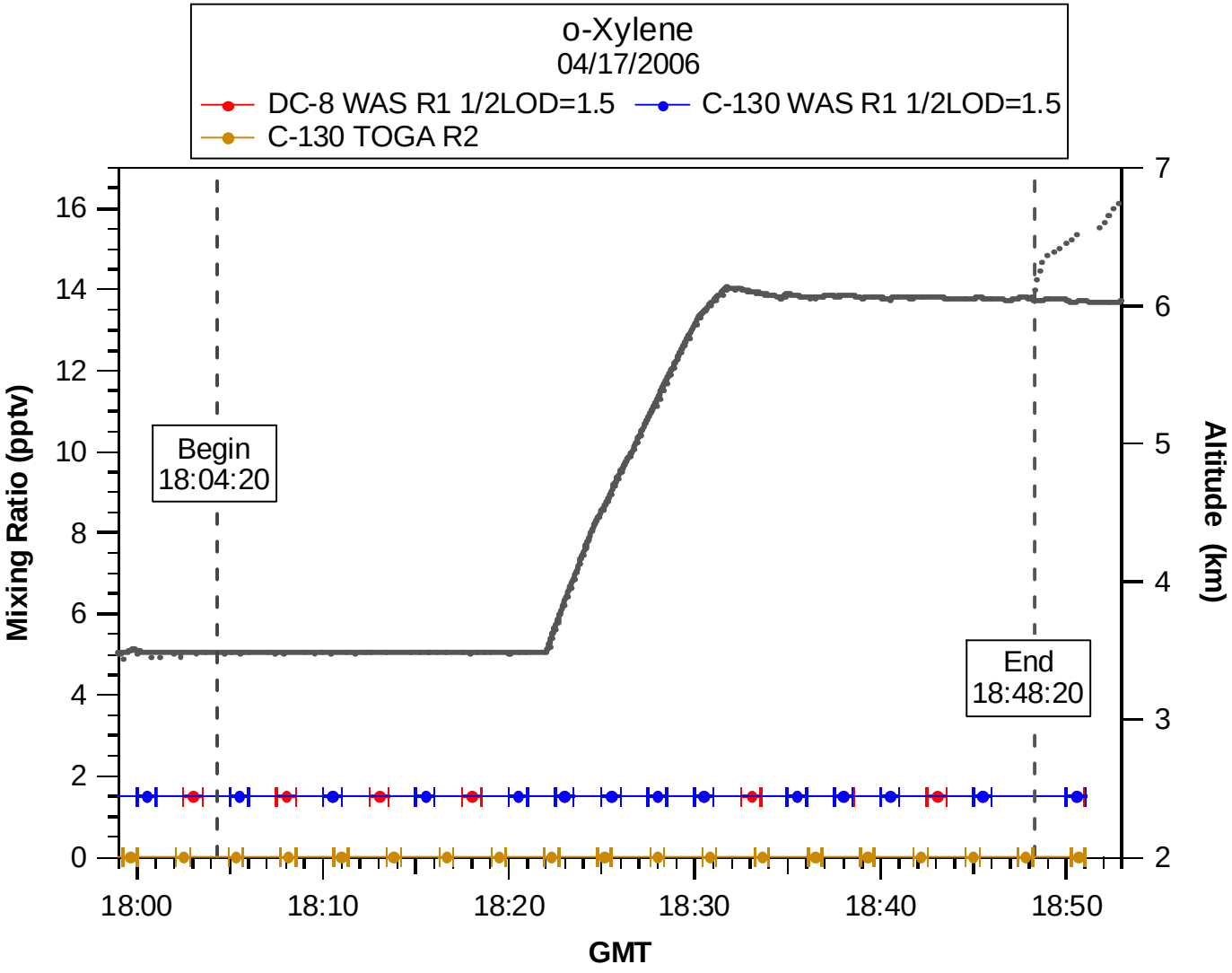

m,p-Xylene
05/15/2006
DC-8 WAS R1 1/2LOD=3
C-130 WAS R1 1/2LOD=3
C-130 TOGA R2
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
5
10
15
20
25
30
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

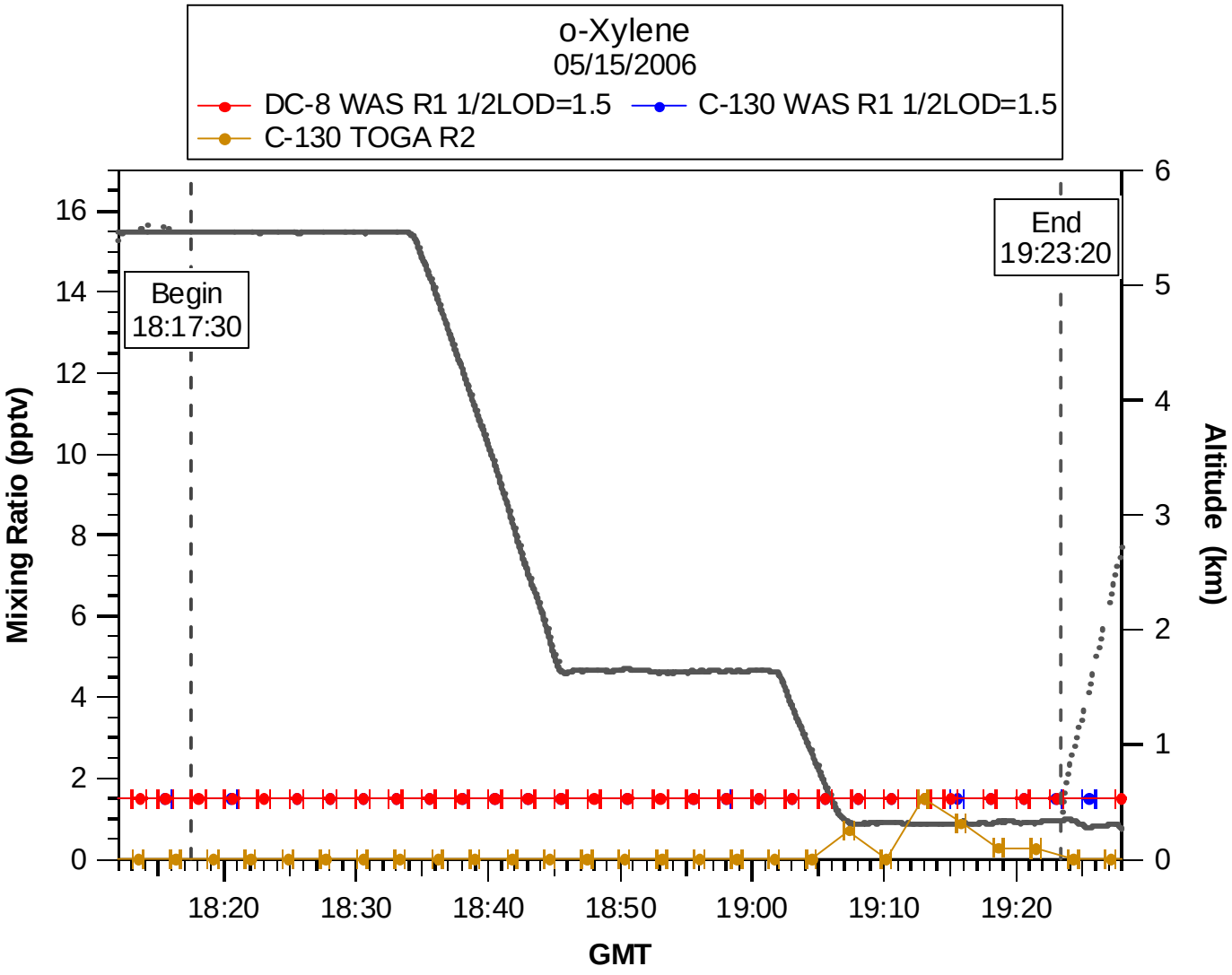

m-Xylene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
2
4
6
8
10
12
14
16
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20

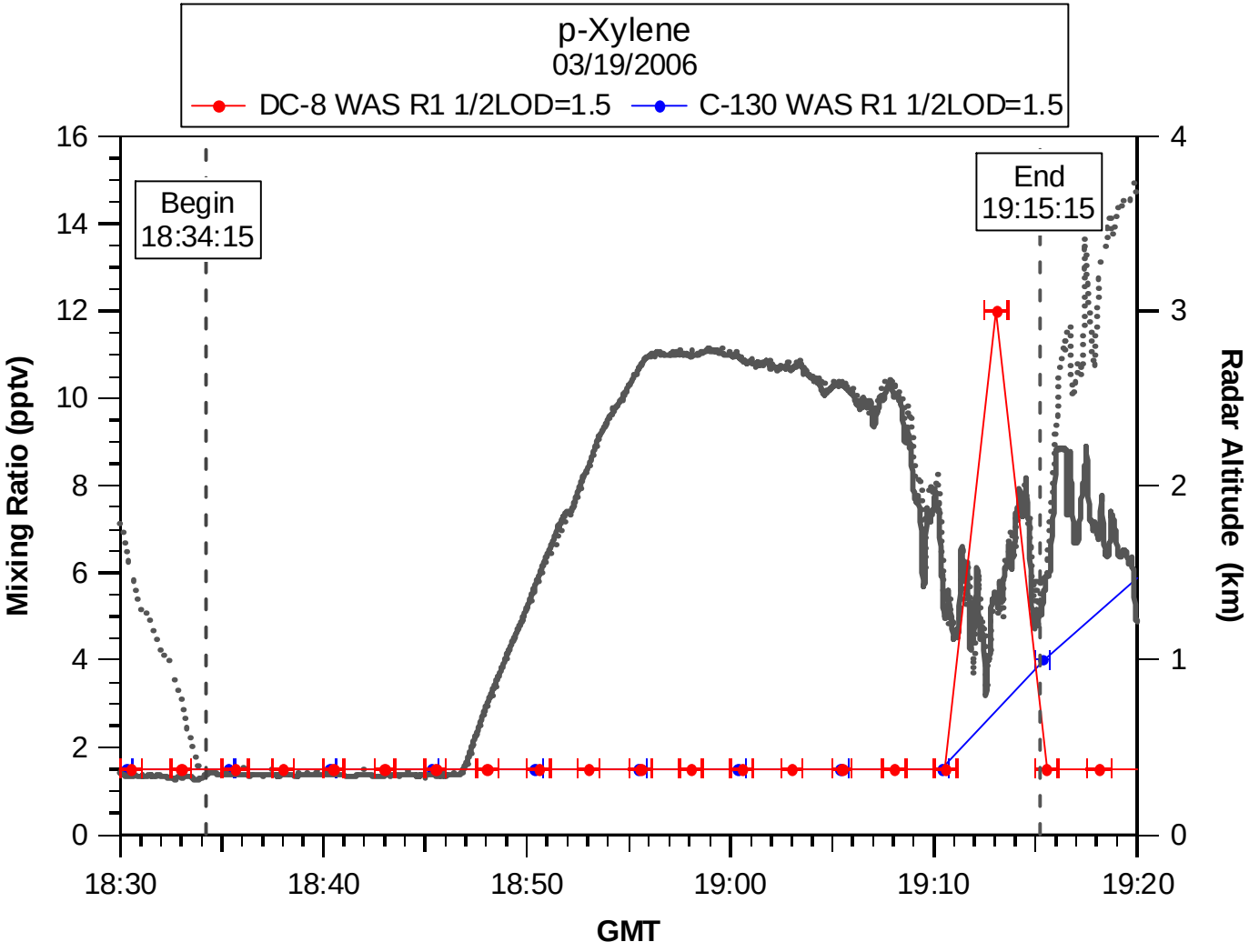

m-Xylene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
14
16
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50

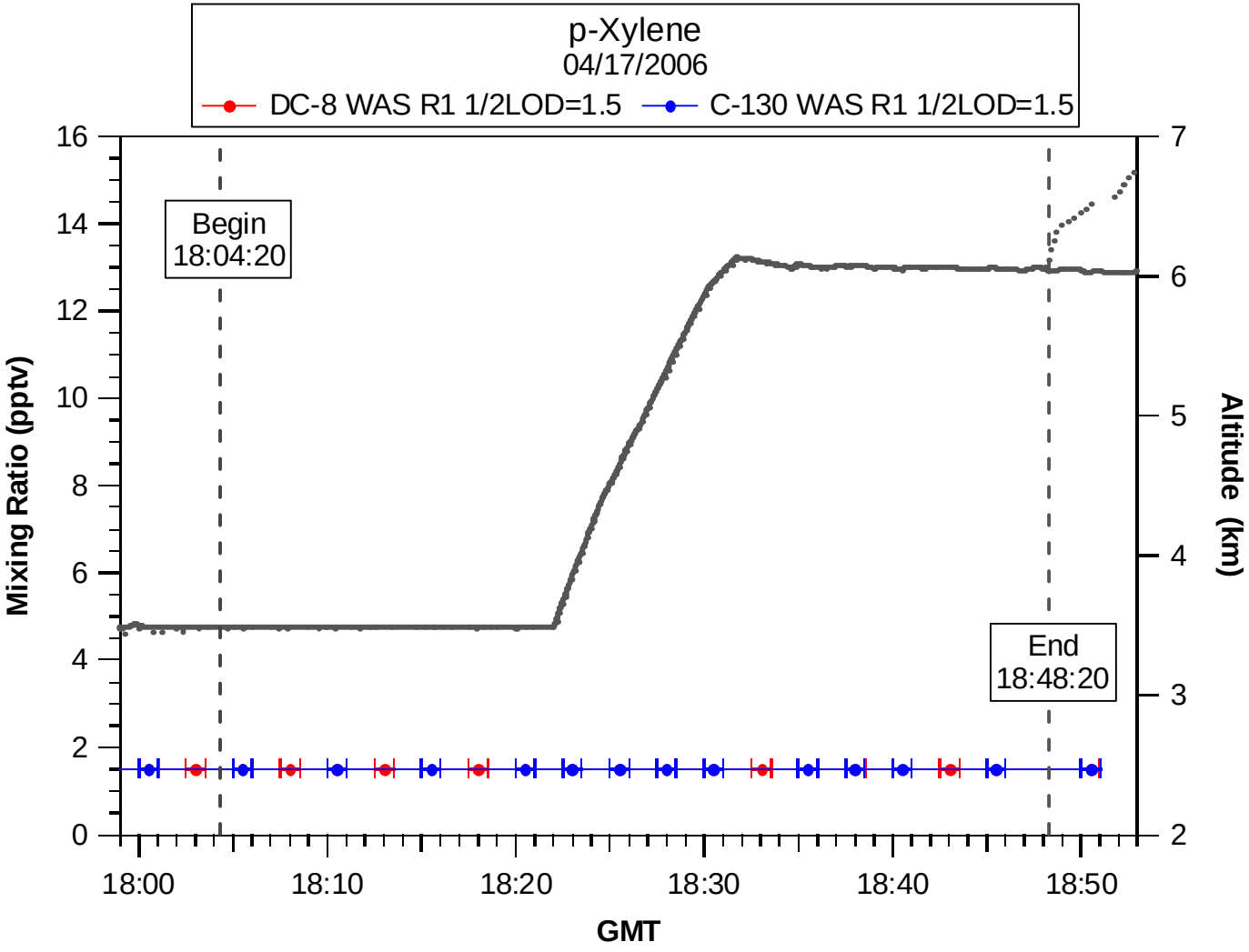

m-Xylene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
14
16
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20

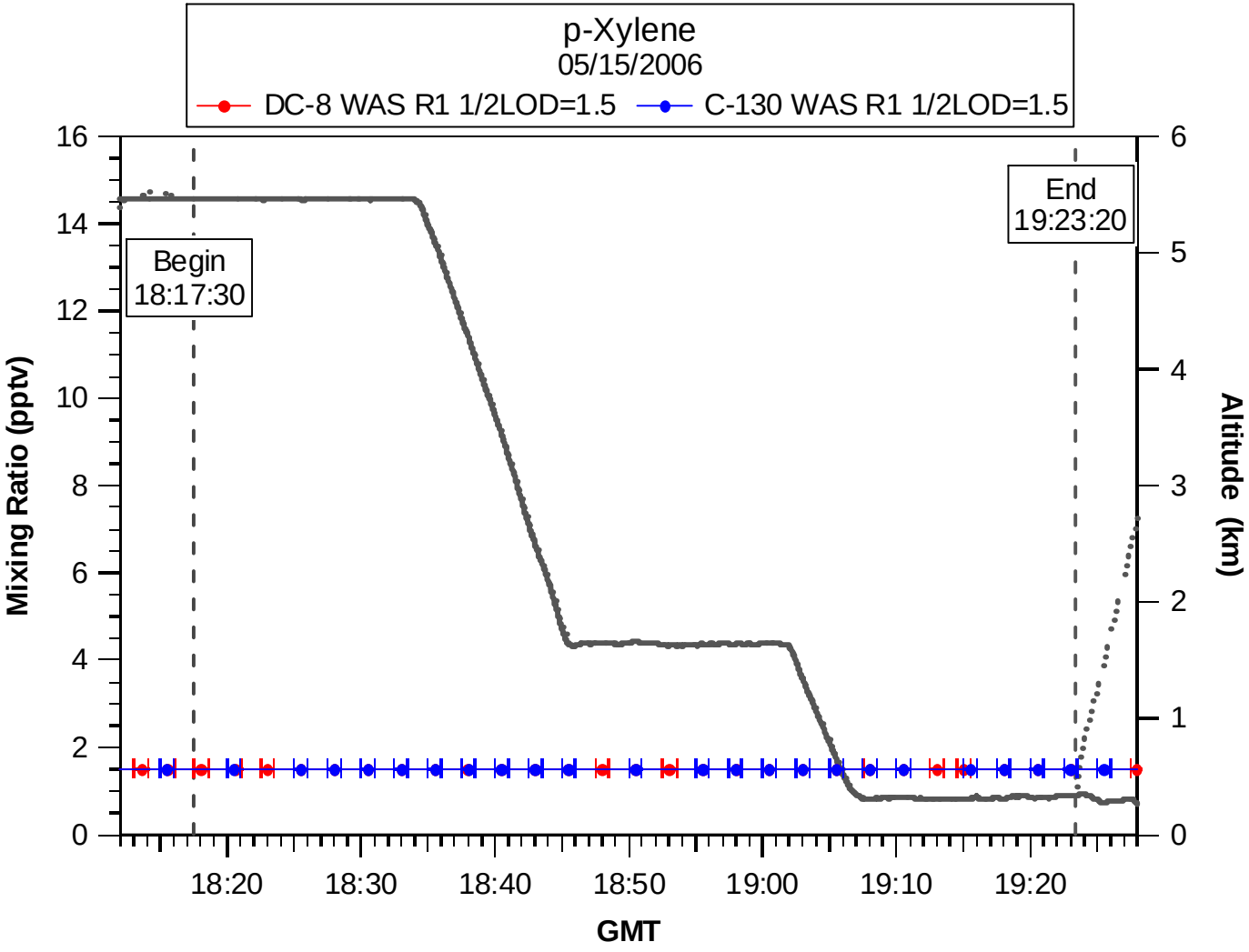

o-Xylene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
2
4
6
8
10
12
14
16
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20


o-Xylene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R2
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
14
16
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50


o-Xylene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
C-130 TOGA R2
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
14
16
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20


p-Xylene
03/19/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
0
2
4
6
8
10
12
14
16
0
1
2
3
4
18:30
18:40
18:50
19:00
19:10
19:20


p-Xylene
04/17/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
14
16
2
3
4
5
6
7
18:00
18:10
18:20
18:30
18:40
18:50


p-Xylene
05/15/2006
DC-8 WAS R1 1/2LOD=1.5
C-130 WAS R1 1/2LOD=1.5
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
0
2
4
6
8
10
12
14
16
0
1
2
3
4
5
6
18:20
18:30
18:40
18:50
19:00
19:10
19:20