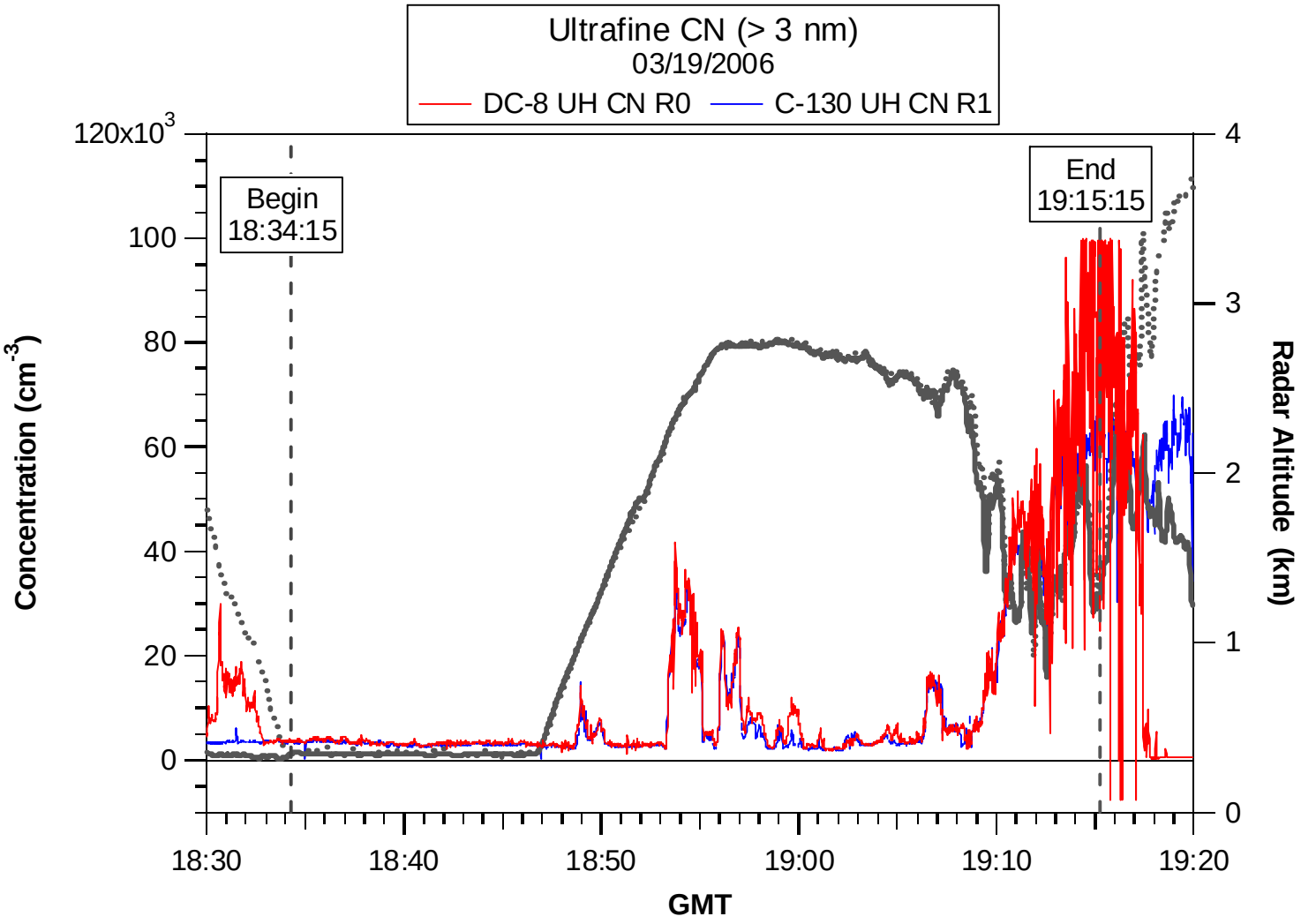
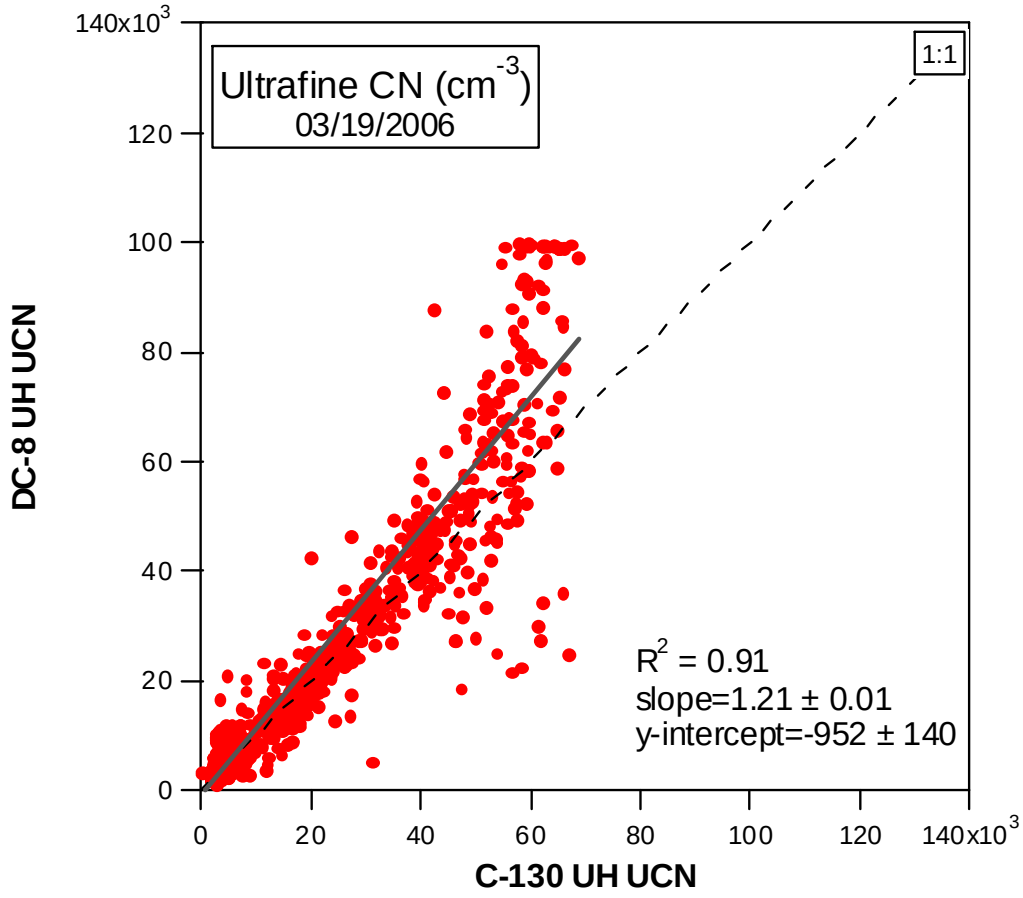
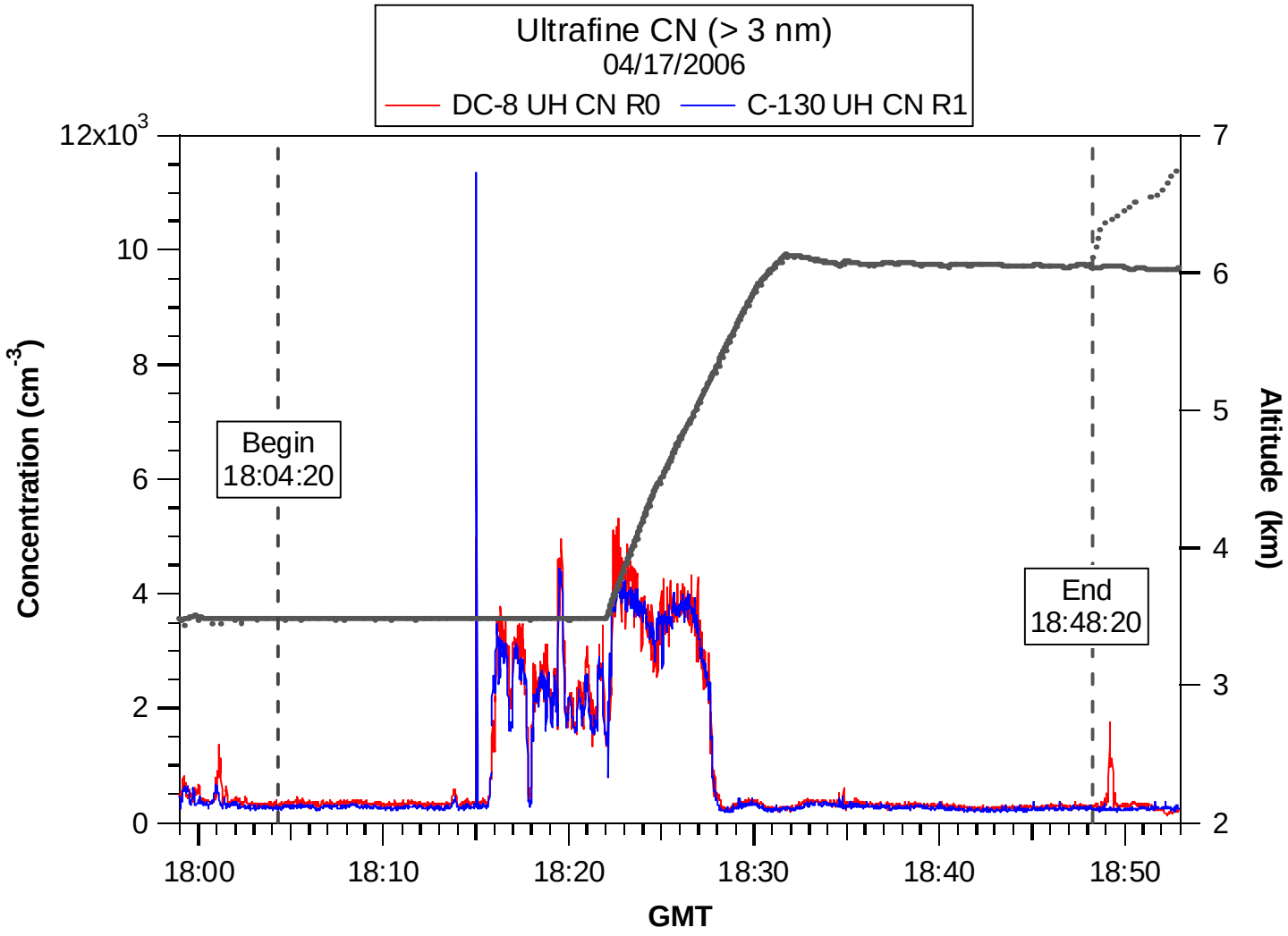
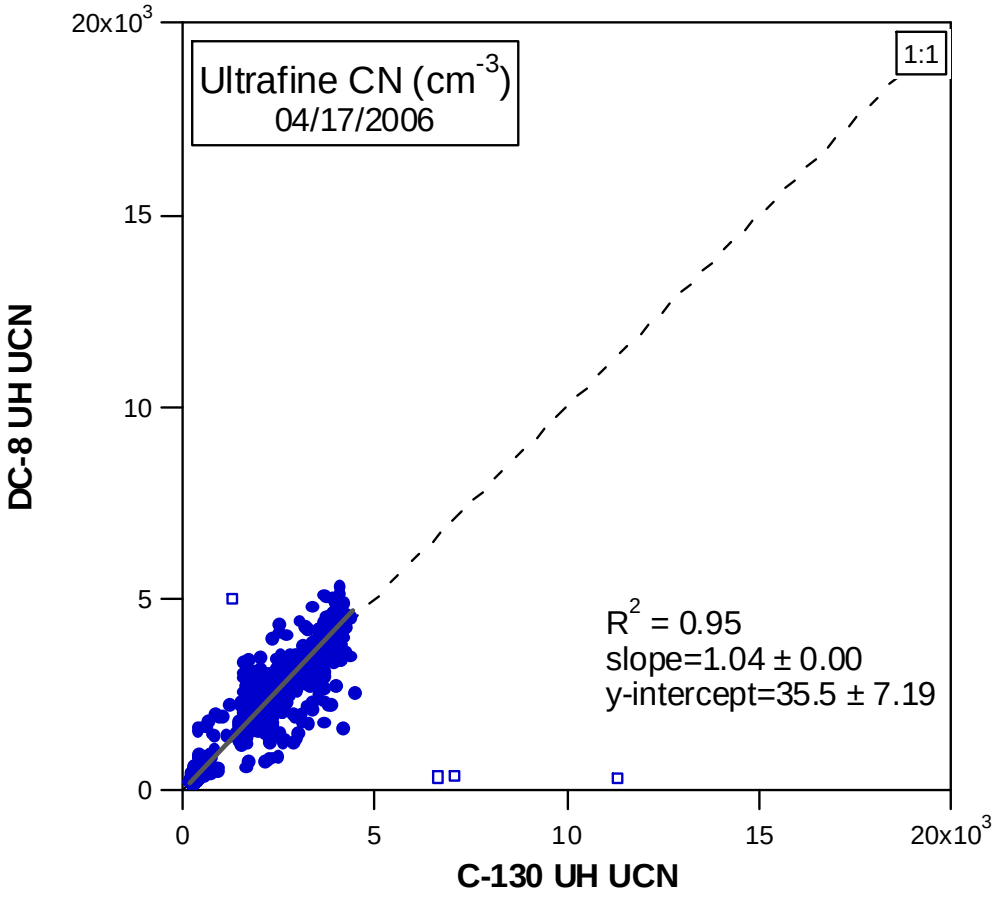
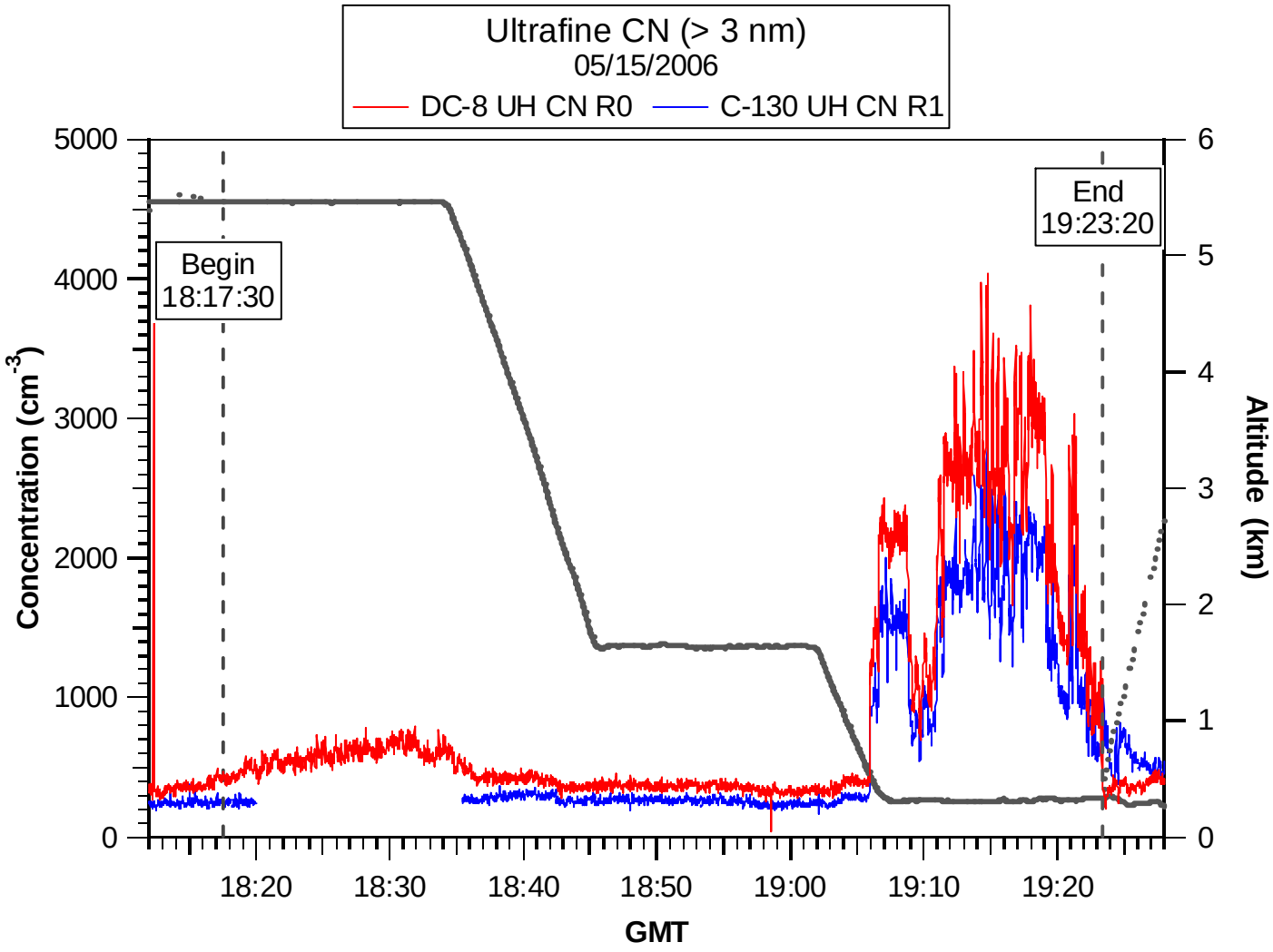
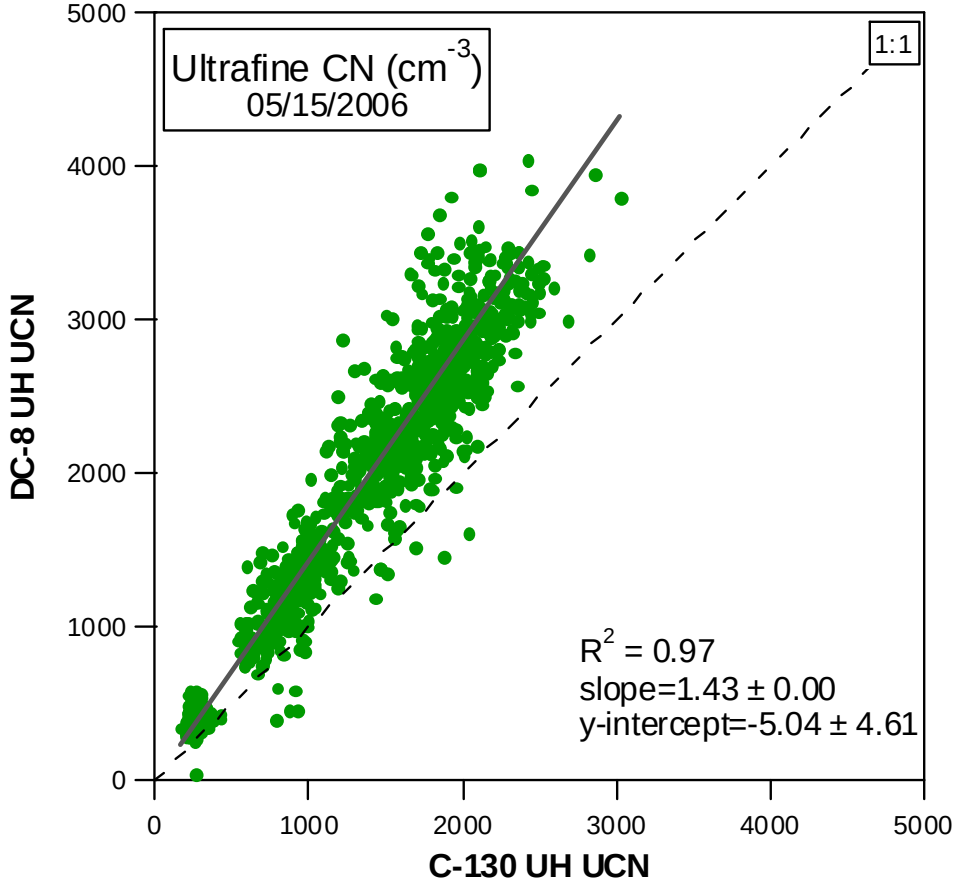

Ultrafine CN (> 3 nm)
03/19/2006
DC-8 UH CN R0
C-130 UH CN R1
Begin
18:34:15
End
19:15:15
120x10^3
100
80
60
40
20
0
Concentration (cm^-3)
4
3
2
1
0
Radar Altitude (km)
18:30
18:40
18:50
19:00
19:10
19:20
GMT

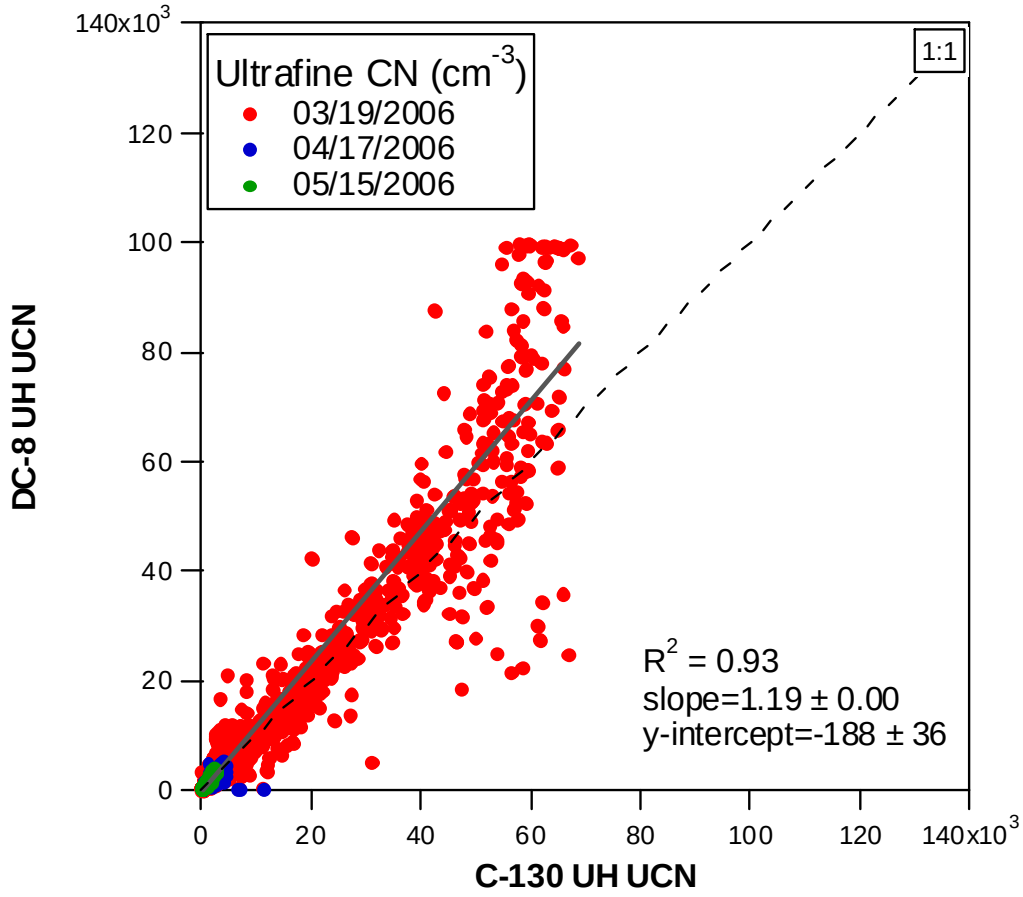

Ultrafine CN (cm-3)
03/19/2006
1:1
R2 = 0.91
slope=1.21 ± 0.01
y-intercept=-952 ± 140
DC-8 UH UCN
C-130 UH UCN
0
20
40
60
80
100
120
140x103


Ultrafine CN (> 3 nm)
04/17/2006
DC-8 UH CN R0
C-130 UH CN R1
12x10^3
10
8
6
4
2
0
Concentration (cm^-3)
7
6
5
4
3
2
Altitude (km)
Begin
18:04:20
End
18:48:20
18:00
18:10
18:20
18:30
18:40
18:50
GMT


Ultrafine CN (cm-3)
04/17/2006
1:1
R2 = 0.95
slope=1.04 ± 0.00
y-intercept=35.5 ± 7.19
DC-8 UH UCN
C-130 UH UCN
0
5
10
15
20x103


Ultrafine CN (> 3 nm)
05/15/2006
DC-8 UH CN R0
C-130 UH CN R1
Begin
18:17:30
End
19:23:20
Concentration (cm-3)
Altitude (km)
GMT
5000
4000
3000
2000
1000
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20


Ultrafine CN (cm-3)
05/15/2006
1:1
R2 = 0.97
slope=1.43 ± 0.00
y-intercept=-5.04 ± 4.61
DC-8 UH UCN
C-130 UH UCN
0
1000
2000
3000
4000
5000


Ultrafine CN (cm-3)
03/19/2006
04/17/2006
05/15/2006
1:1
R2 = 0.93
slope=1.19 ± 0.00
y-intercept=-188 ± 36
DC-8 UH UCN
C-130 UH UCN
0
20
40
60
80
100
120
140x103