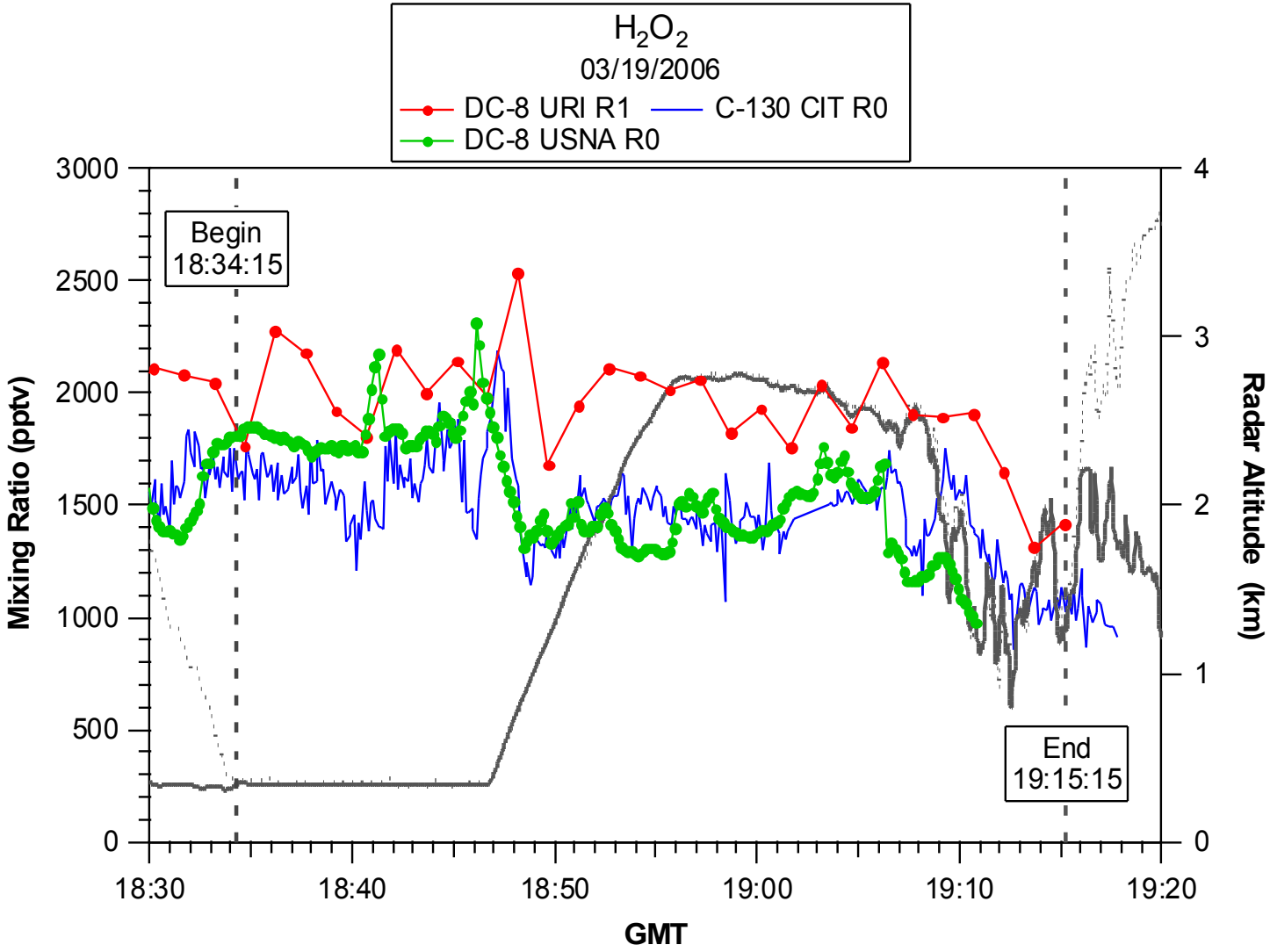
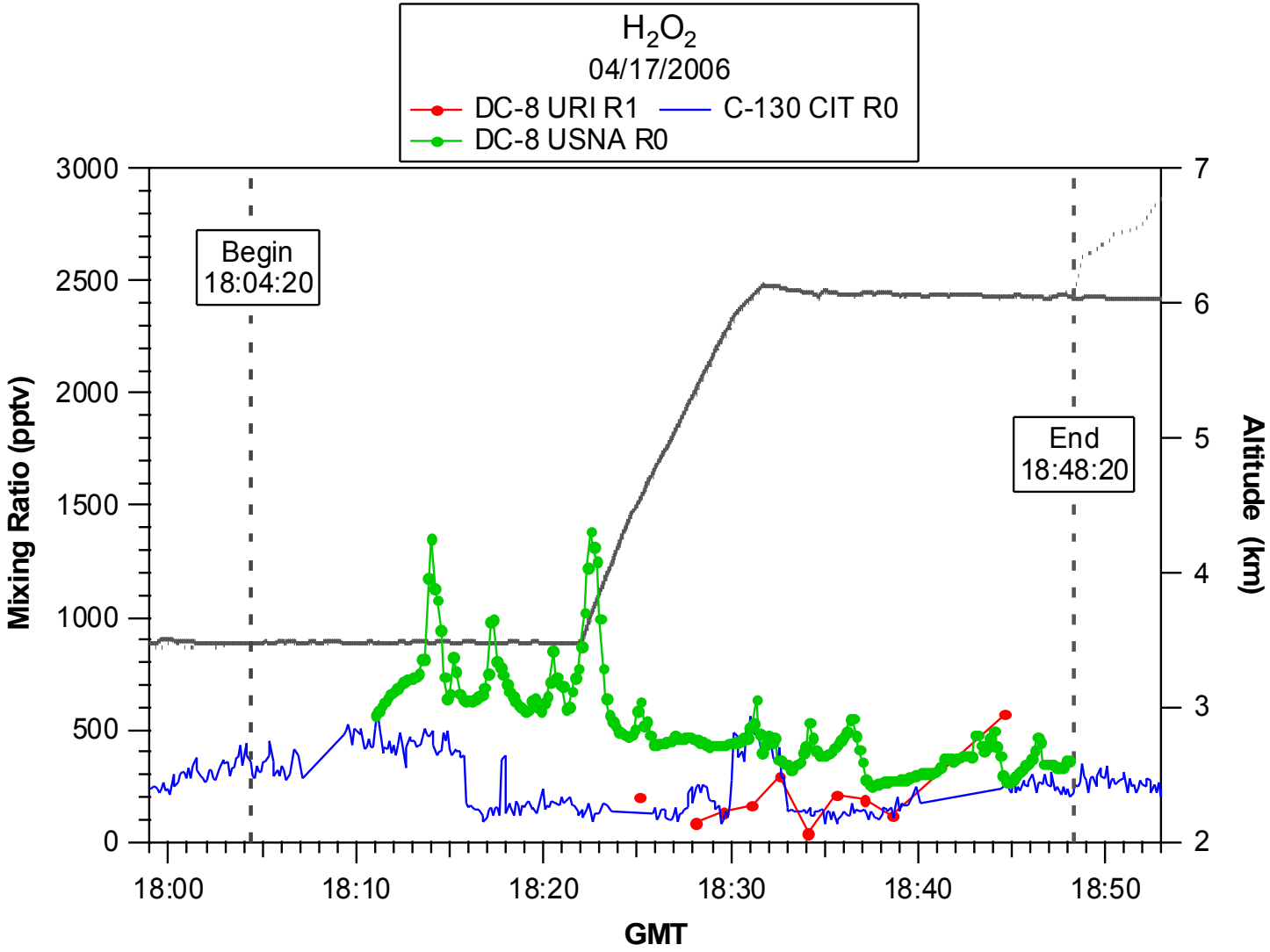
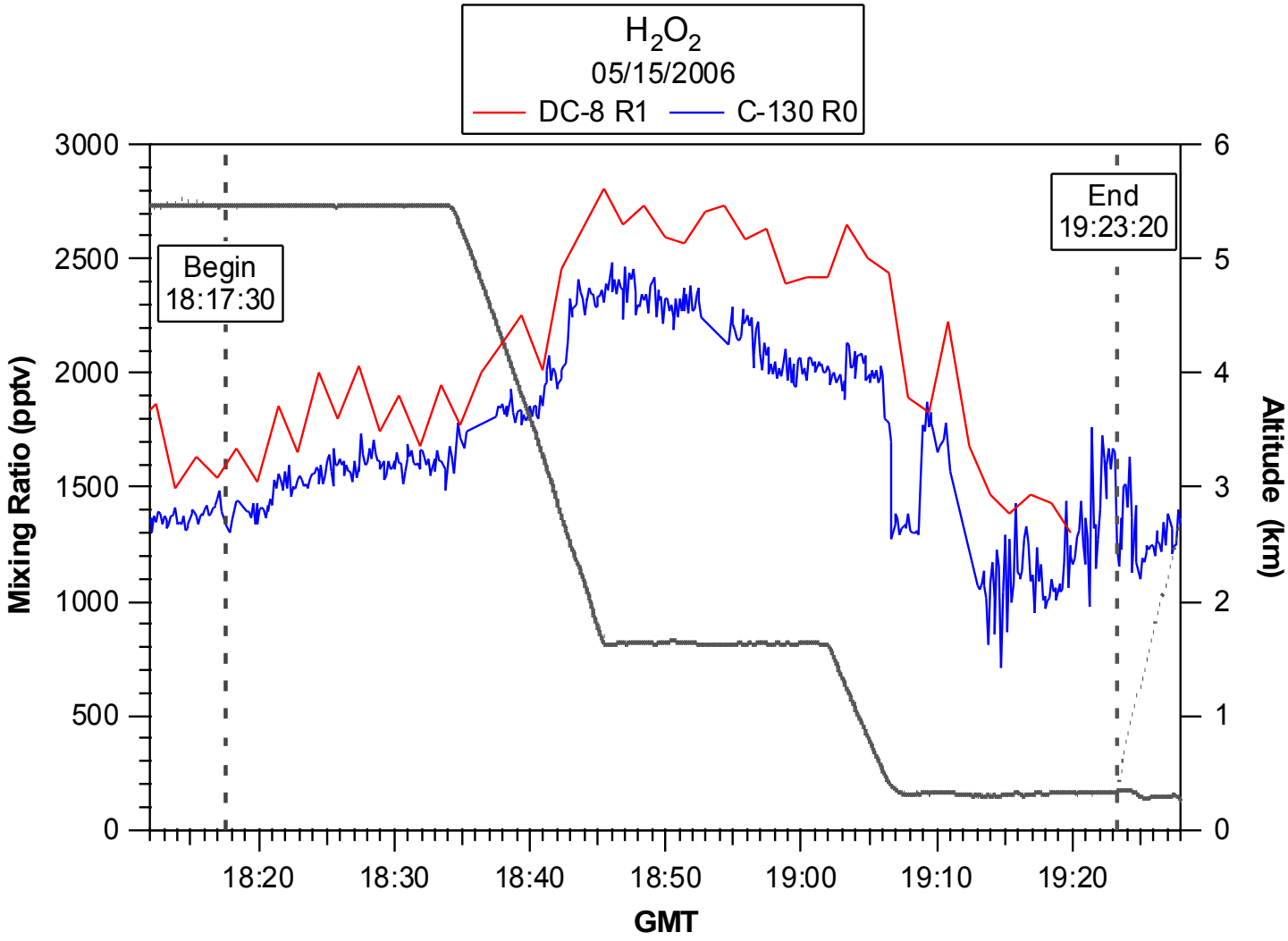
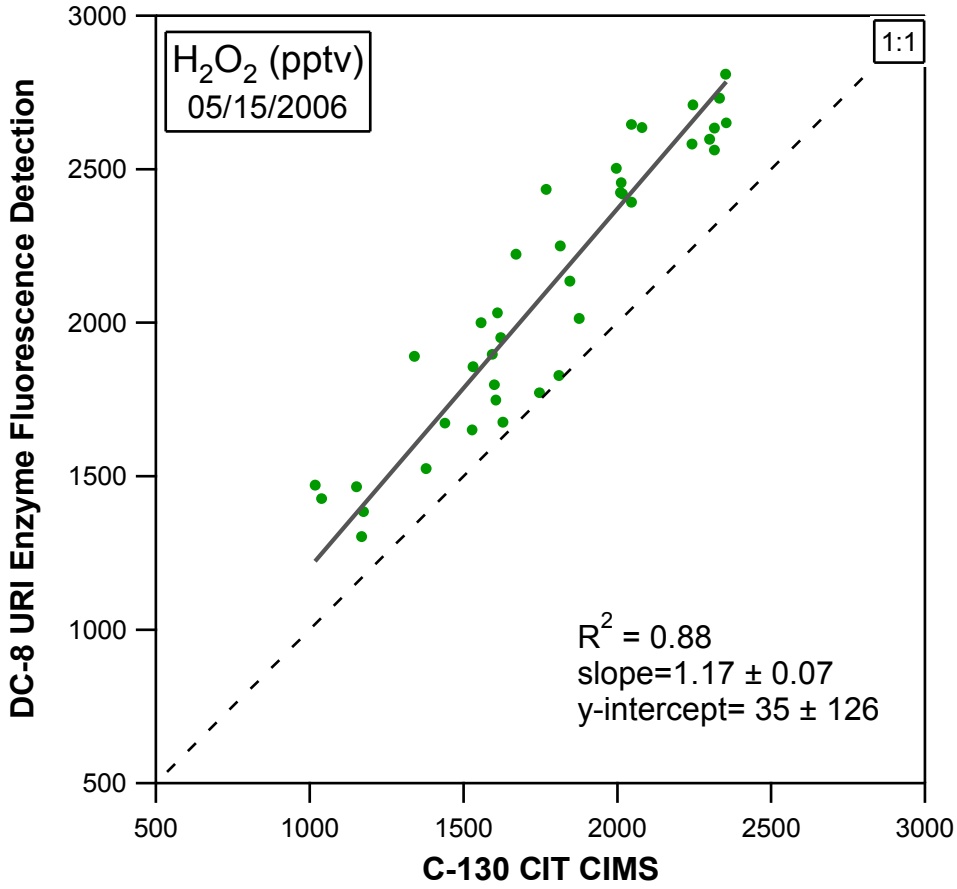
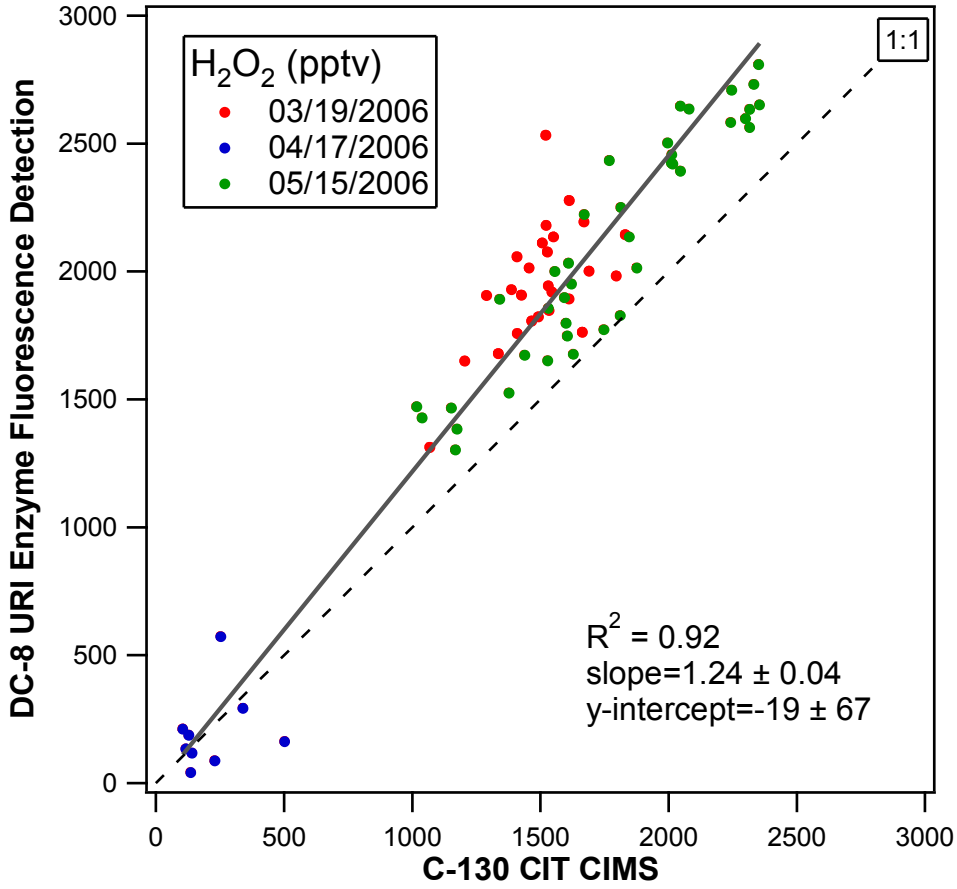
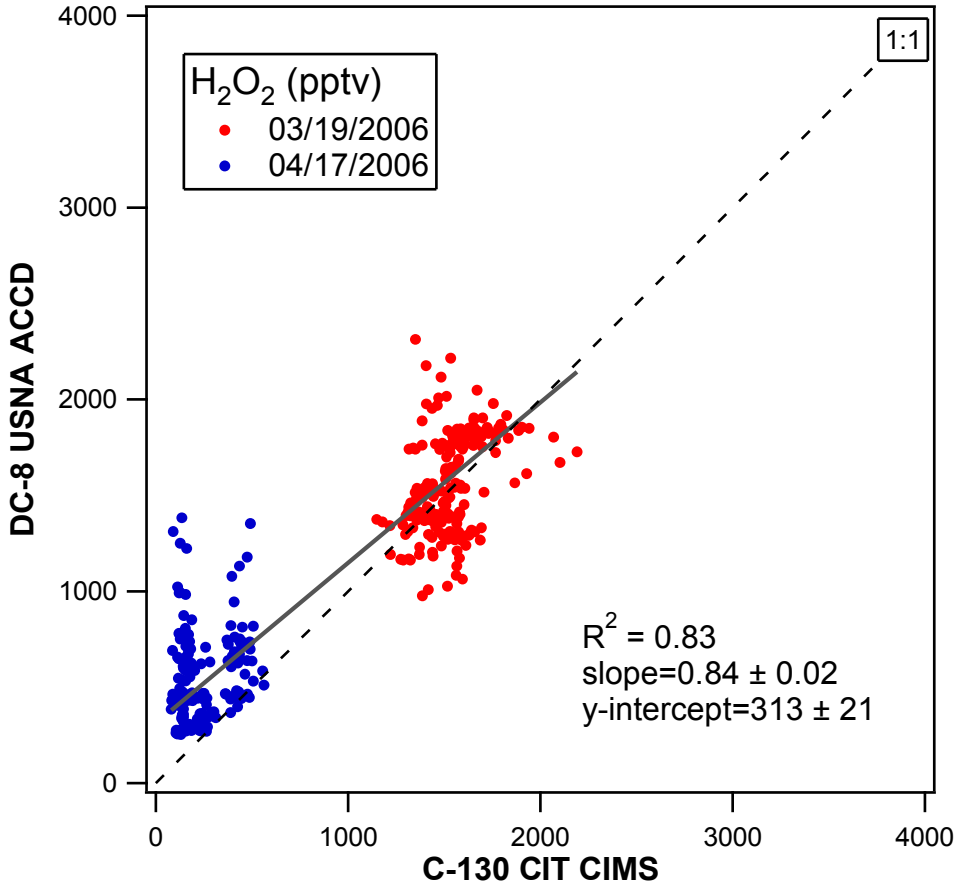

H_2O_2
03/19/2006
DC-8 URI R1
C-130 CIT R0
DC-8 USNA R0
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
3000
2500
2000
1500
1000
500
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

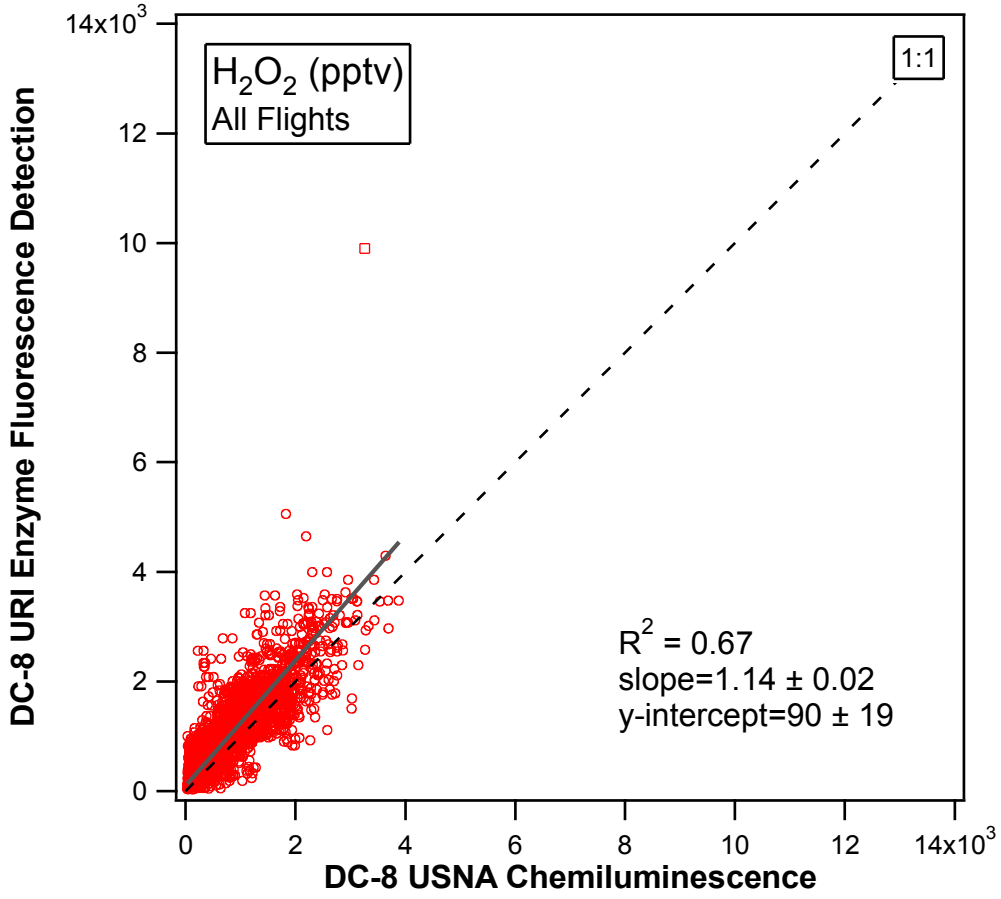

H_2O_2
04/17/2006
DC-8 URI R1
C-130 CIT R0
DC-8 USNA R0
Begin
18:04:20
End
18:48:20
Mixing Ratio (pptv)
Altitude (km)
GMT
3000
2500
2000
1500
1000
500
0
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50


H_2O_2
05/15/2006
DC-8 R1
C-130 R0
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


H_2O_2 (pptv)
05/15/2006
1:1
R^2 = 0.88
slope=1.17 ± 0.07
y-intercept= 35 ± 126
DC-8 URI Enzyme Fluorescence Detection
C-130 CIT CIMS
500
1000
1500
2000
2500
3000


H_2O_2 (pptv)
03/19/2006
04/17/2006
05/15/2006
1:1
R^2 = 0.92
slope=1.24 ± 0.04
y-intercept=-19 ± 67
DC-8 URI Enzyme Fluorescence Detection
C-130 CIT CIMS
0
500
1000
1500
2000
2500
3000


H2O2 (pptv)
03/19/2006
04/17/2006
1:1
R2 = 0.83
slope=0.84 ± 0.02
y-intercept=313 ± 21
DC-8 USNA ACCD
C-130 CIT CIMS
0
1000
2000
3000
4000


H_2O_2 (pptv)
All Flights
1:1
R^2 = 0.67
slope=1.14 ± 0.02
y-intercept=90 ± 19
DC-8 URI Enzyme Fluorescence Detection
DC-8 USNA Chemiluminescence
0
2
4
6
8
10
12
14x10^3