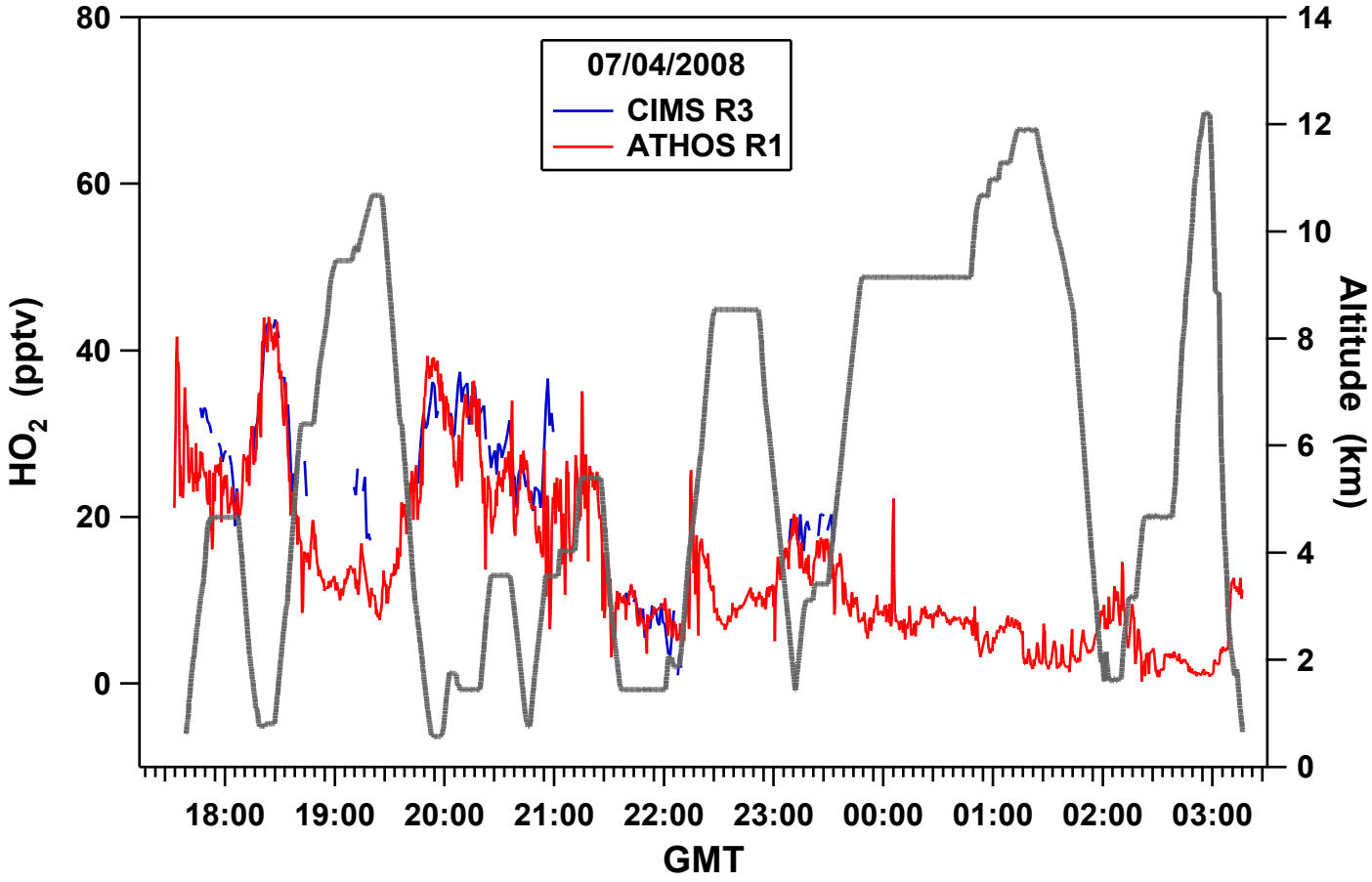
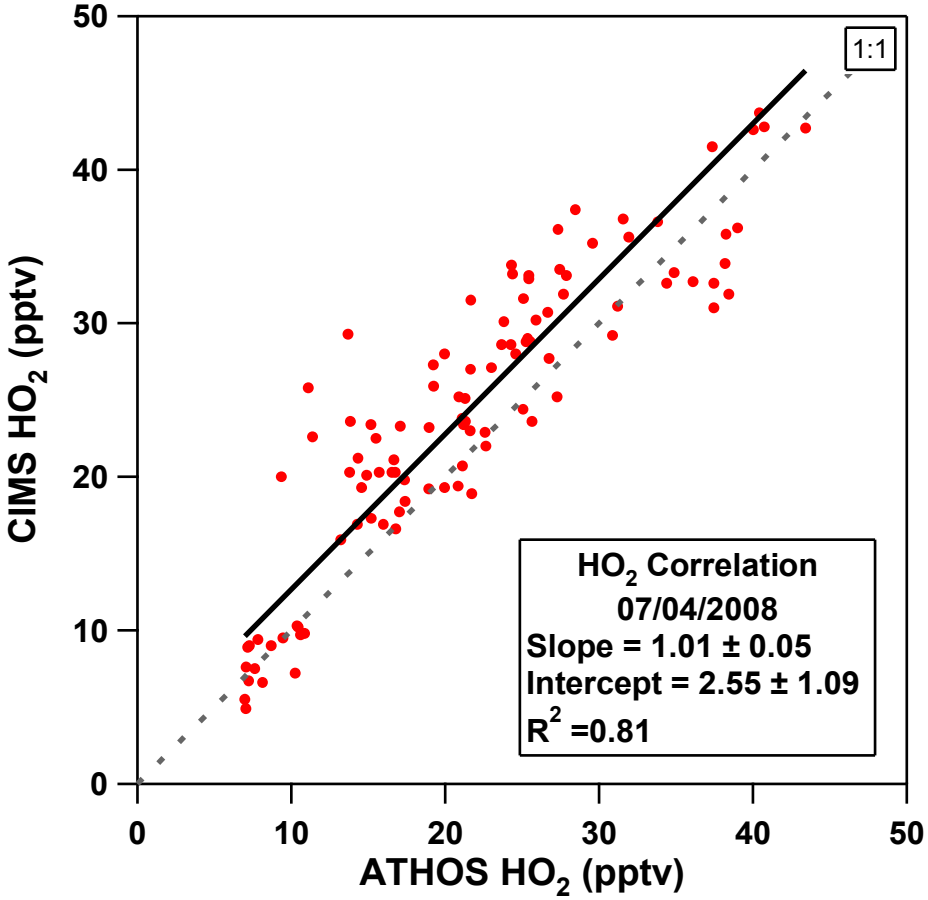
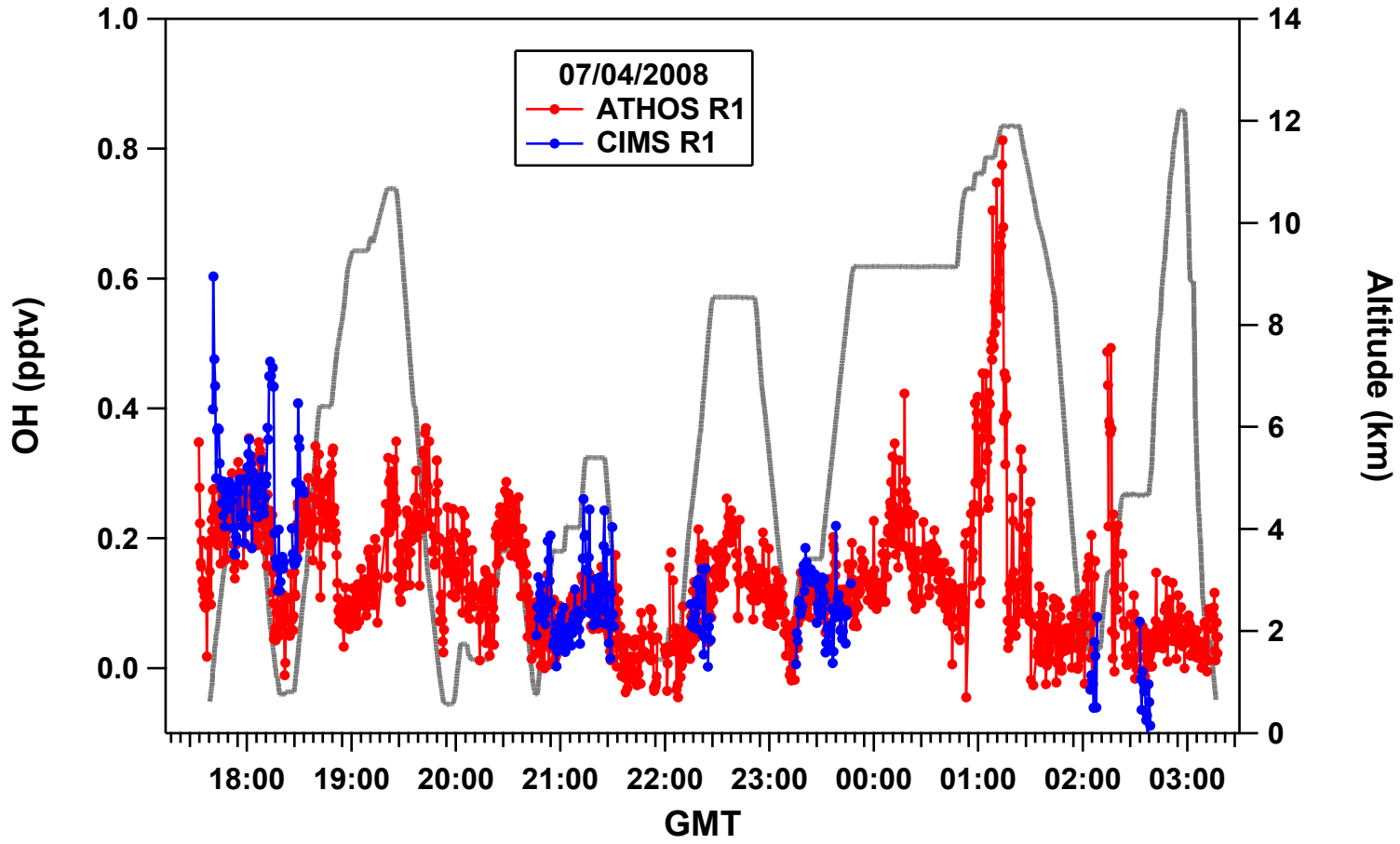
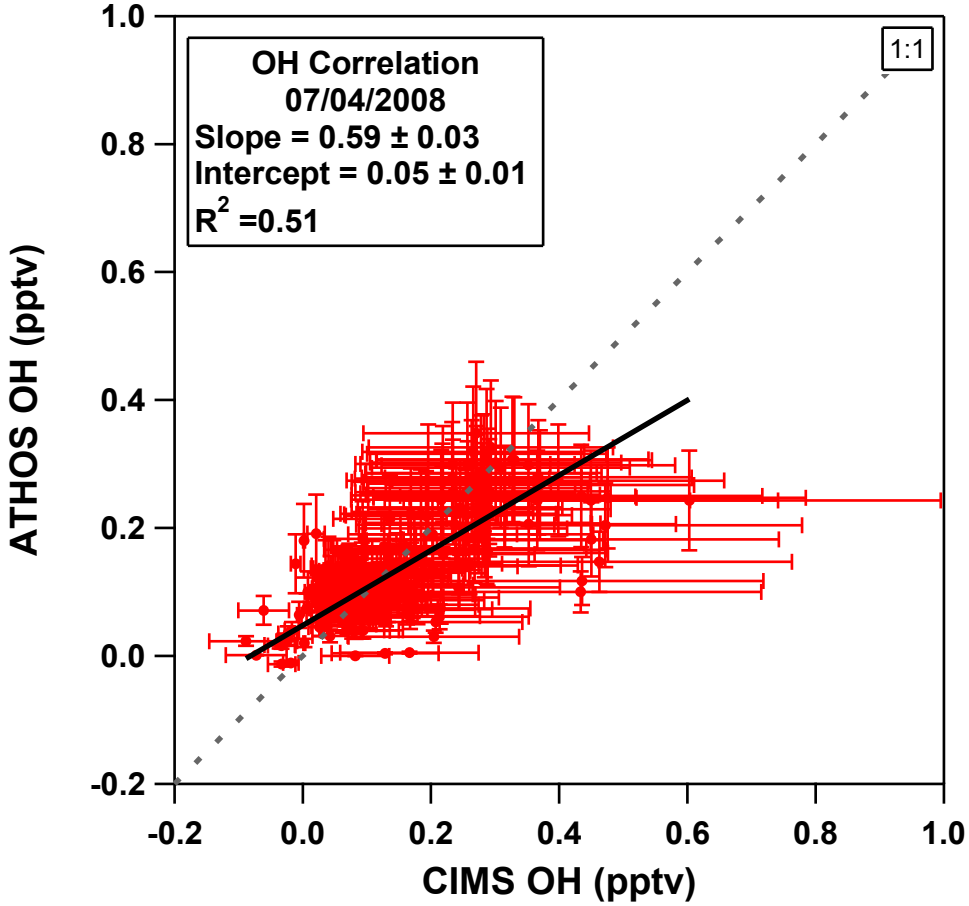
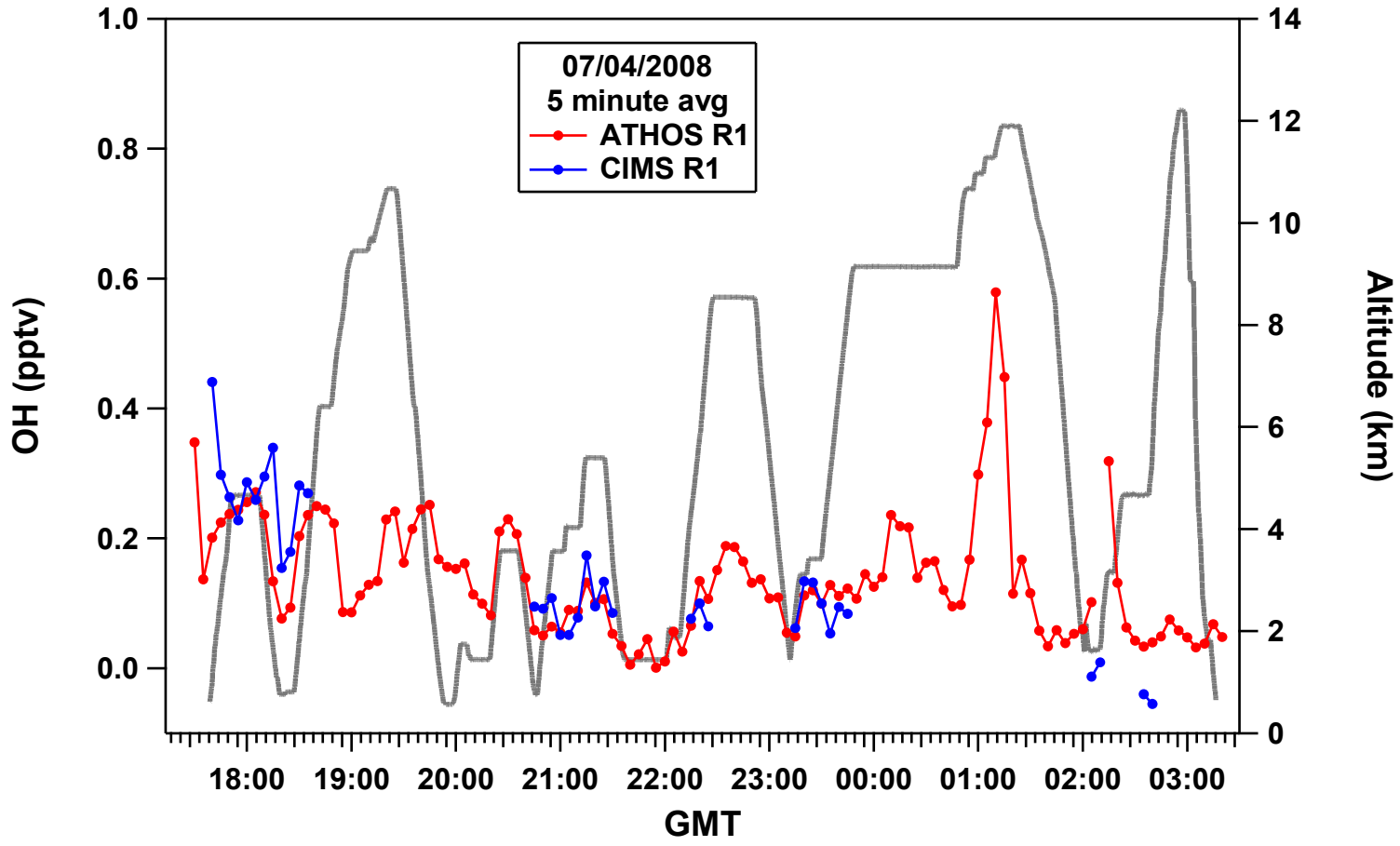
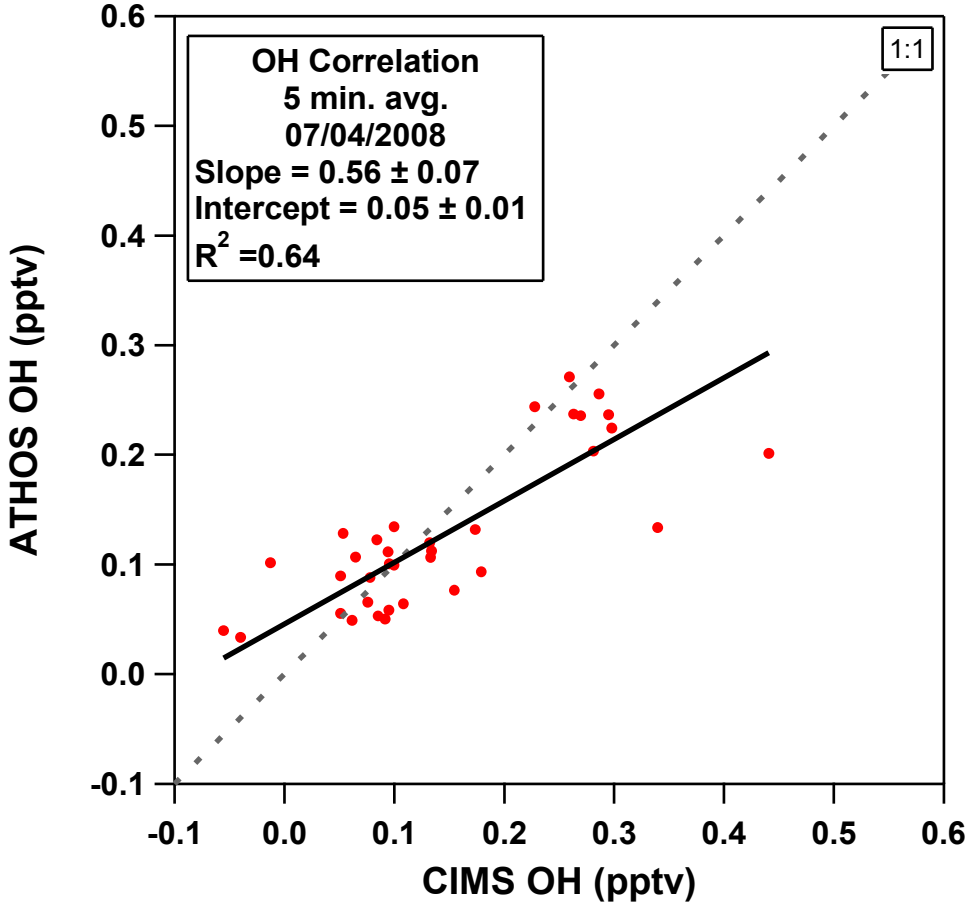

07/04/2008
CIMS R3
ATHOS R1
HO2 (pptv)
Altitude (km)
GMT
80
60
40
20
0
14
12
10
8
6
4
2
0
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
03:00


1:1
HO2 Correlation
07/04/2008
Slope = 1.01 ± 0.05
Intercept = 2.55 ± 1.09
R2 =0.81
CIMS HO2 (pptv)
ATHOS HO2 (pptv)
0
10
20
30
40
50


07/04/2008
ATHOS R1
CIMS R1
OH (pptv)
Altitude (km)
GMT
1.0
0.8
0.6
0.4
0.2
0.0
14
12
10
8
6
4
2
0
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
03:00


OH Correlation
07/04/2008
Slope = 0.59 ± 0.03
Intercept = 0.05 ± 0.01
R2 =0.51
1:1
ATHOS OH (pptv)
CIMS OH (pptv)
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
-0.2
0.0
0.2
0.4
0.6
0.8
1.0


07/04/2008
5 minute avg
ATHOS R1
CIMS R1
OH (pptv)
Altitude (km)
GMT
1.0
0.8
0.6
0.4
0.2
0.0
14
12
10
8
6
4
2
0
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
03:00


OH Correlation
5 min. avg.
07/04/2008
Slope = 0.56 ± 0.07
Intercept = 0.05 ± 0.01
R2 =0.64
1:1
ATHOS OH (pptv)
CIMS OH (pptv)
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
-0.1
0.0
0.1
0.2
0.3
0.4
0.5
0.6