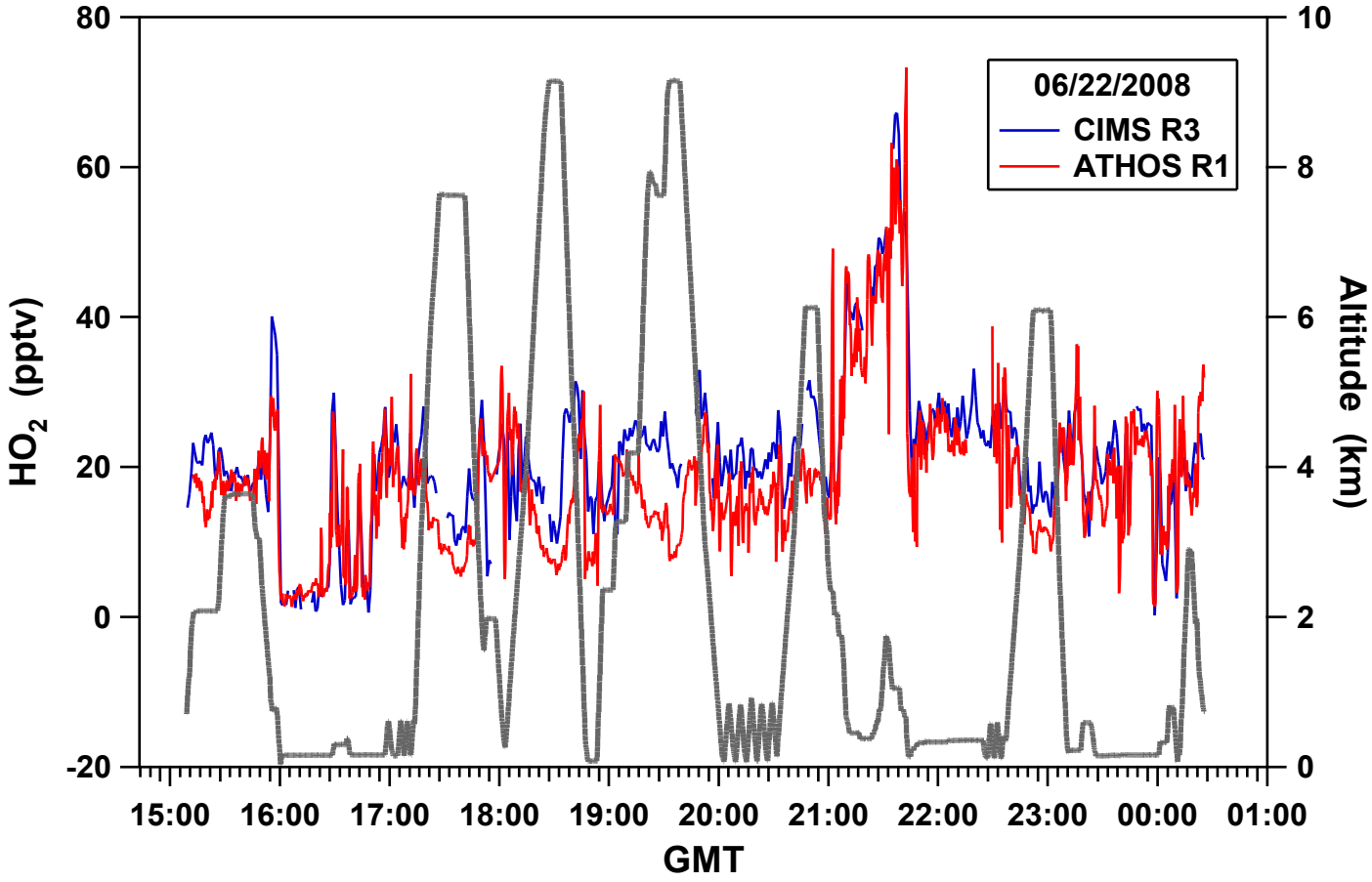
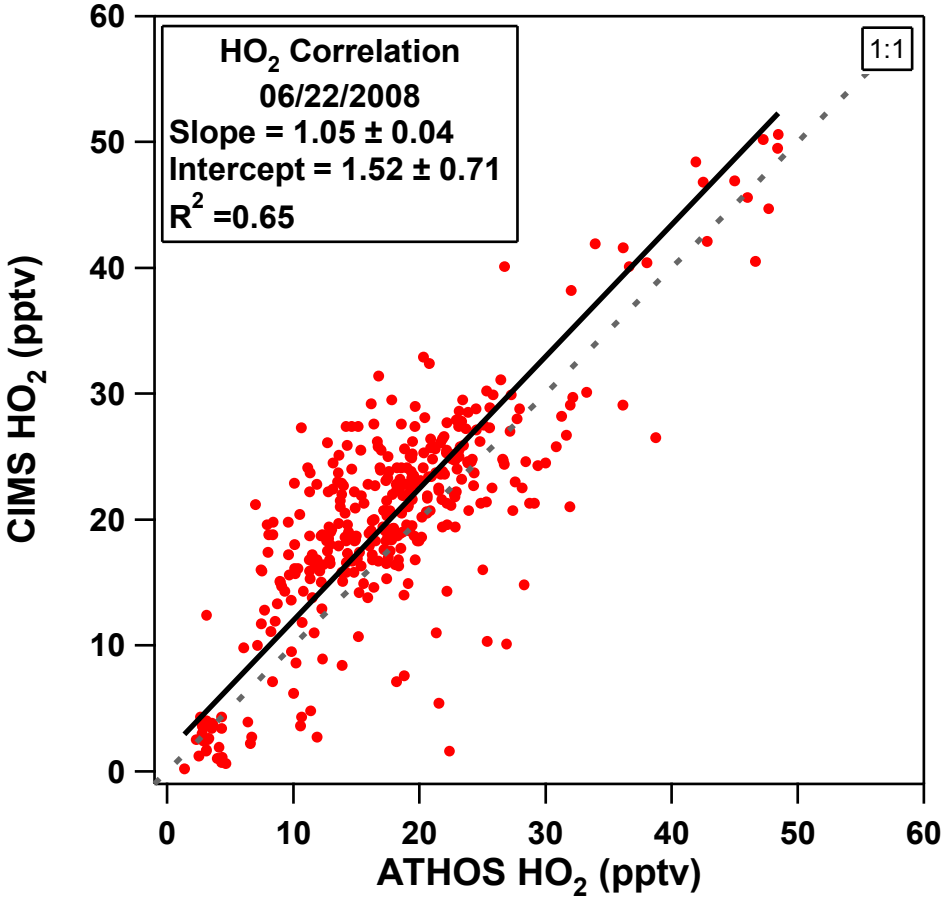
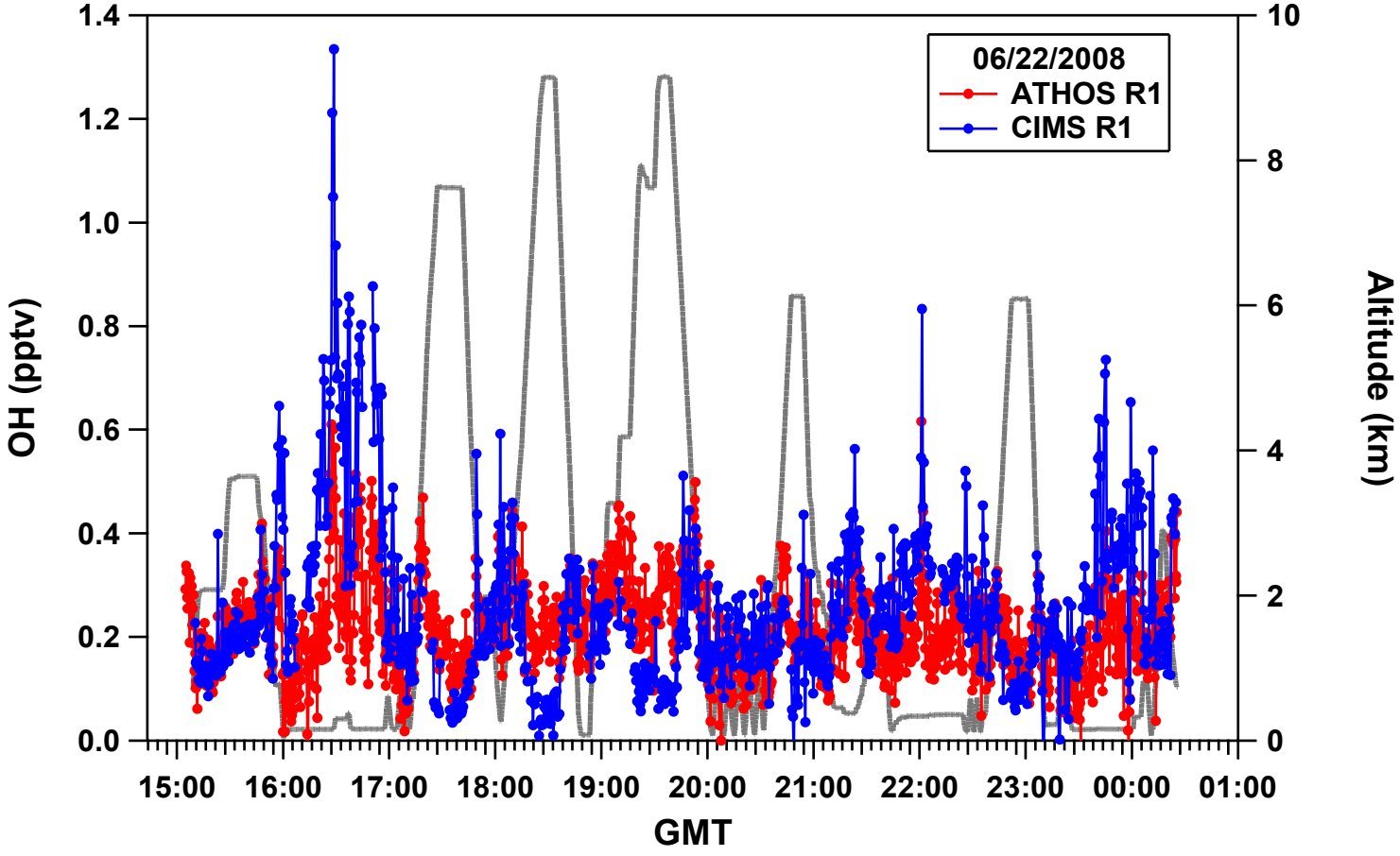
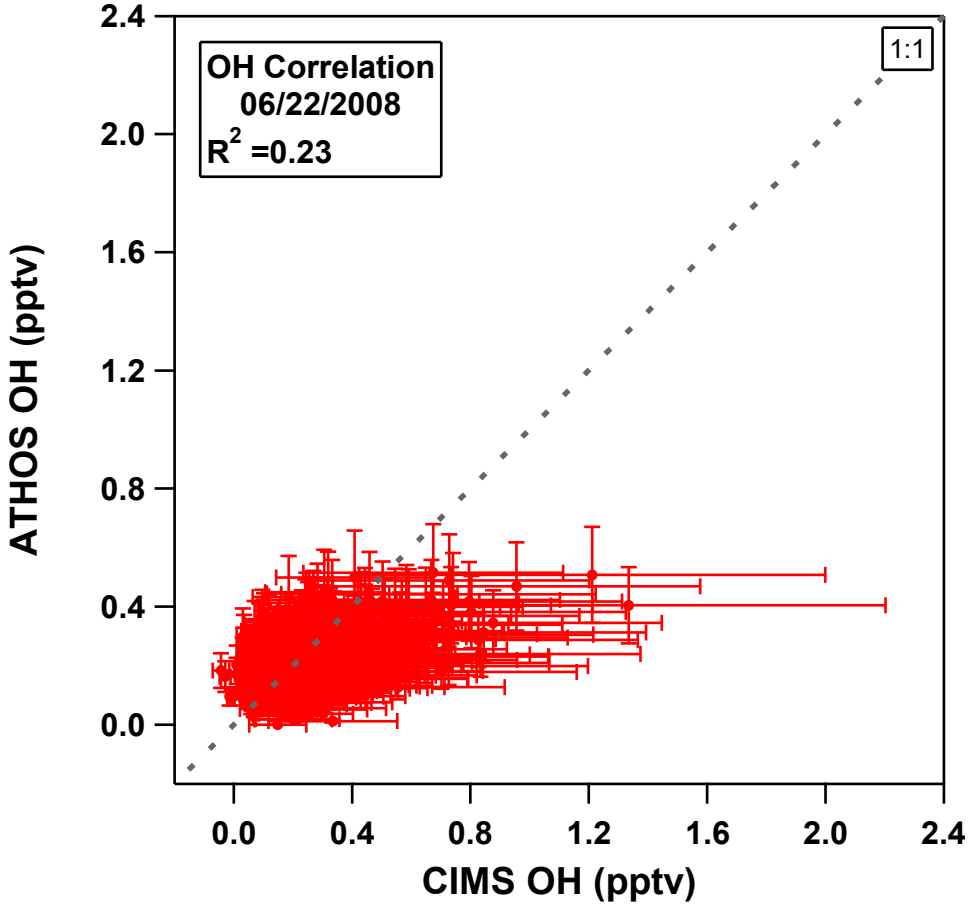
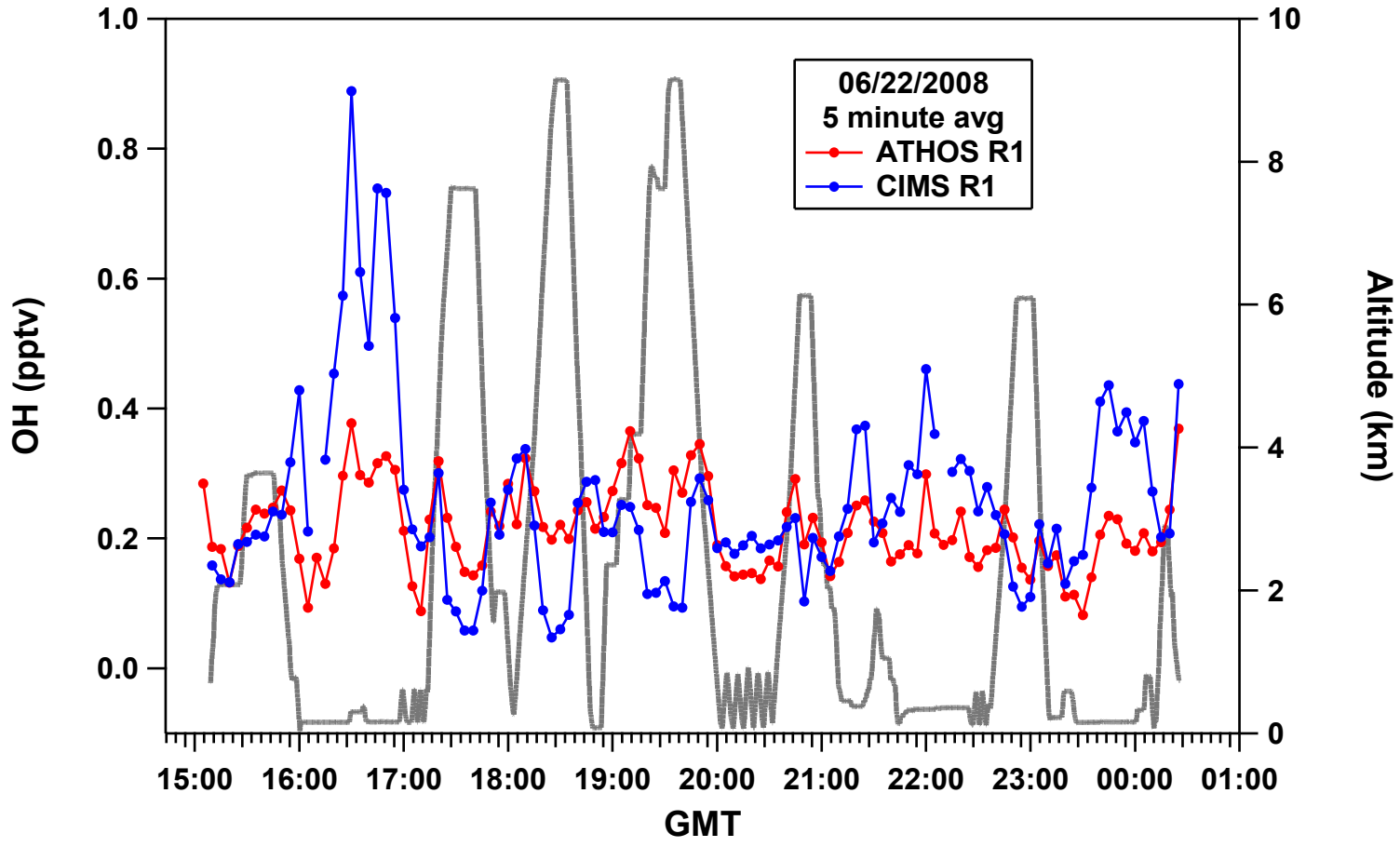
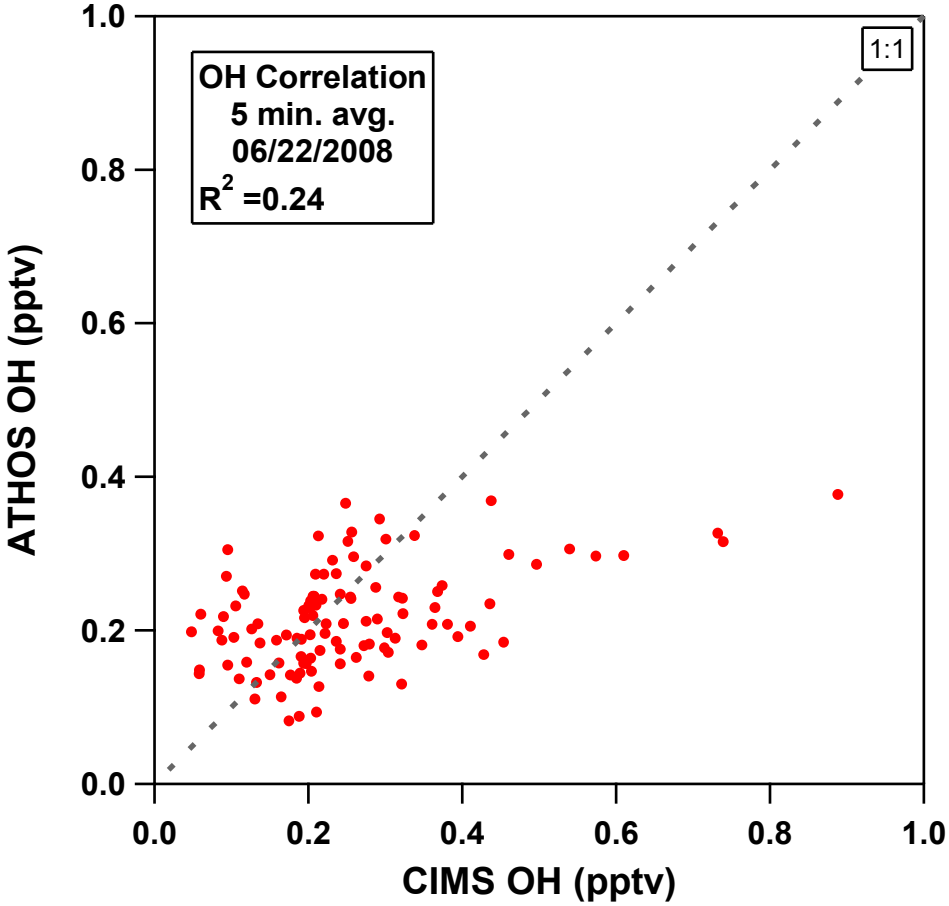

06/22/2008
CIMS R3
ATHOS R1
HO2 (pptv)
Altitude (km)
GMT
80
60
40
20
0
-20
10
8
6
4
2
0
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00


HO2 Correlation
06/22/2008
Slope = 1.05 ± 0.04
Intercept = 1.52 ± 0.71
R2 =0.65
1:1
CIMS HO2 (pptv)
ATHOS HO2 (pptv)
0
10
20
30
40
50
60


06/22/2008
ATHOS R1
CIMS R1
OH (pptv)
Altitude (km)
GMT
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
10
8
6
4
2
0
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00


OH Correlation
06/22/2008
R2 =0.23
1:1
ATHOS OH (pptv)
CIMS OH (pptv)
0.0
0.4
0.8
1.2
1.6
2.0
2.4


06/22/2008
5 minute avg
ATHOS R1
CIMS R1
OH (pptv)
Altitude (km)
GMT
1.0
0.8
0.6
0.4
0.2
0.0
10
8
6
4
2
0
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00


OH Correlation
5 min. avg.
06/22/2008
R2 =0.24
1:1
ATHOS OH (pptv)
CIMS OH (pptv)
0.0
0.2
0.4
0.6
0.8
1.0