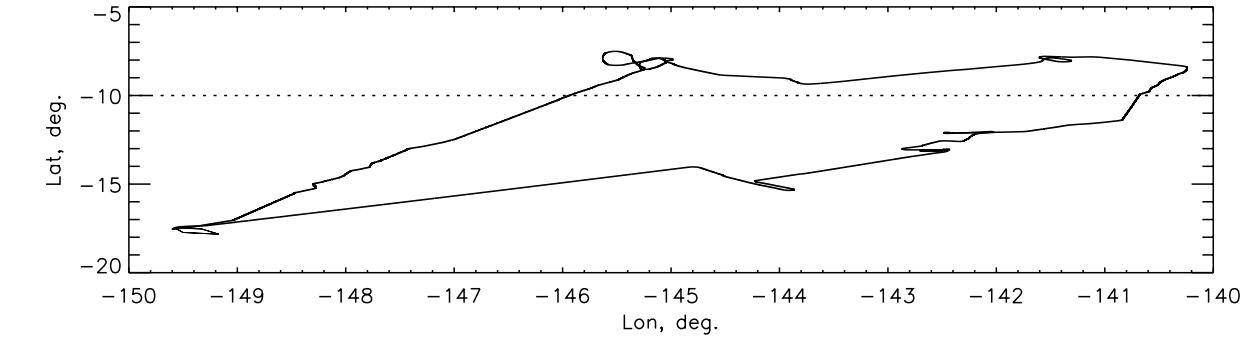
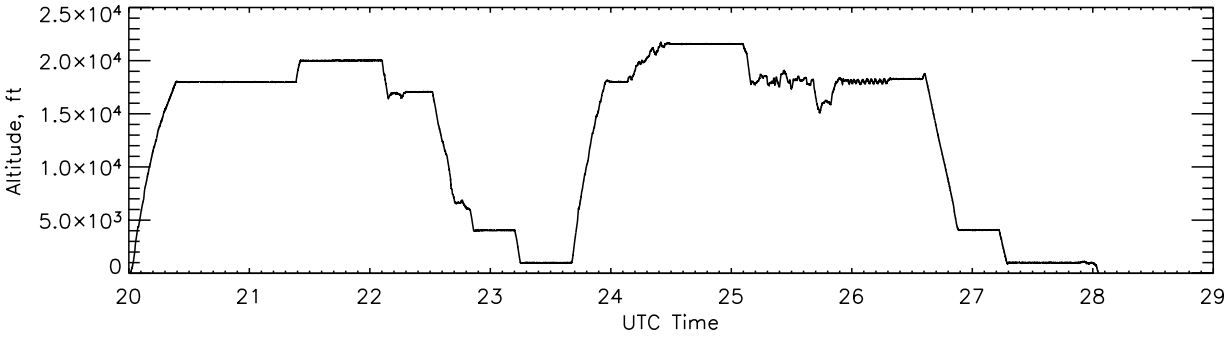
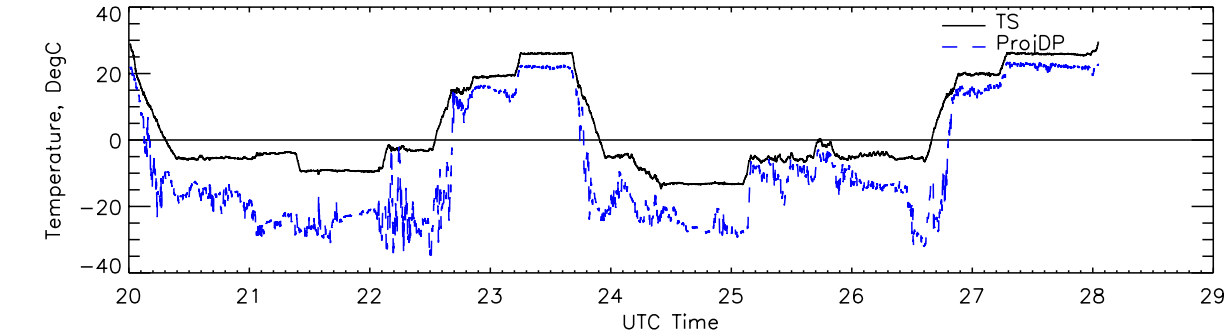
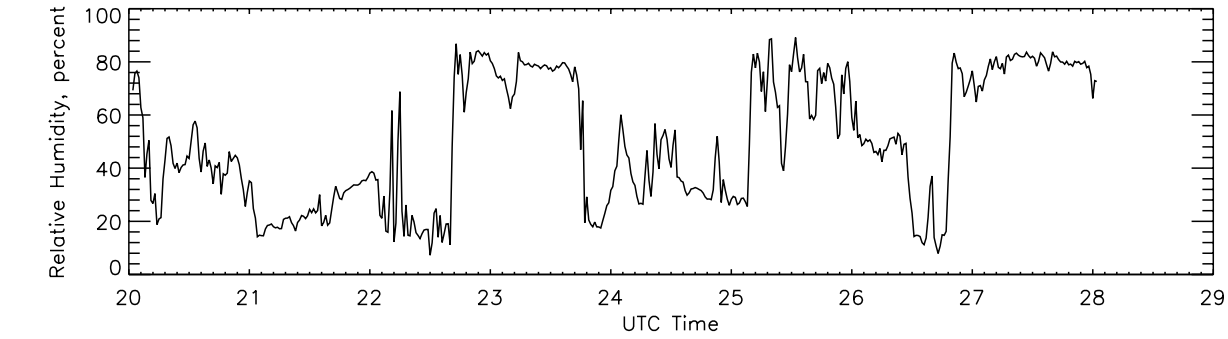
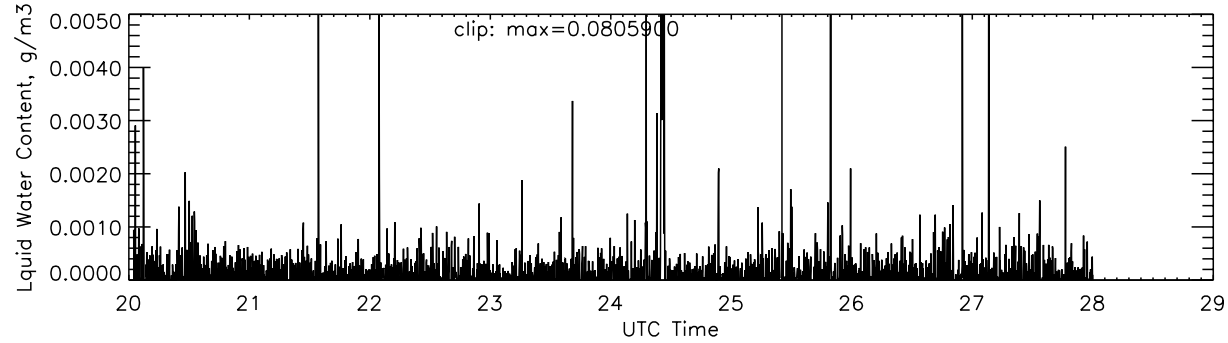
FINAL DATA: PEM Tropics B P3-B Flight 15



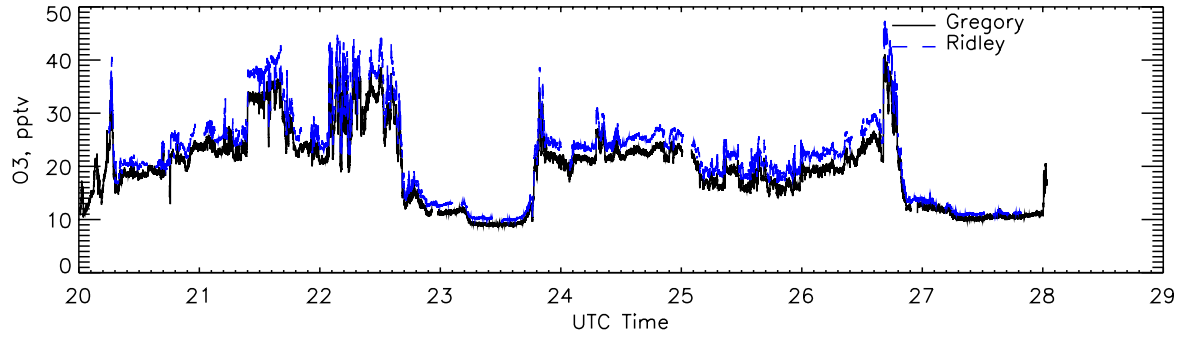


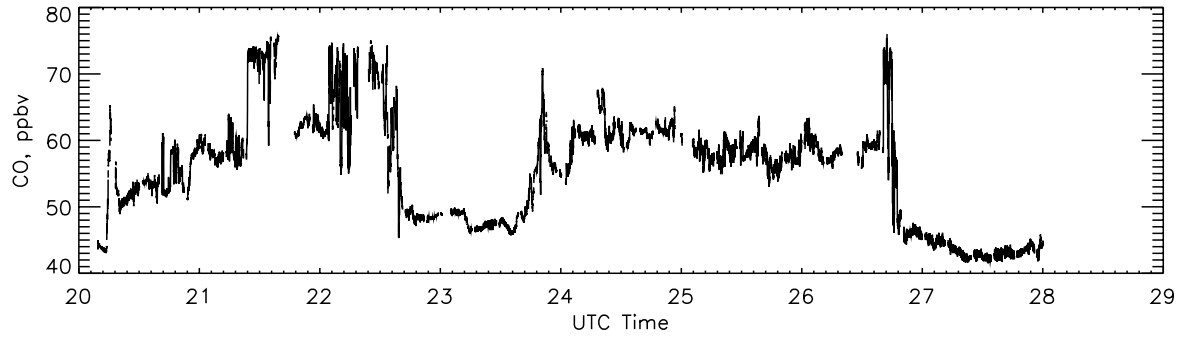


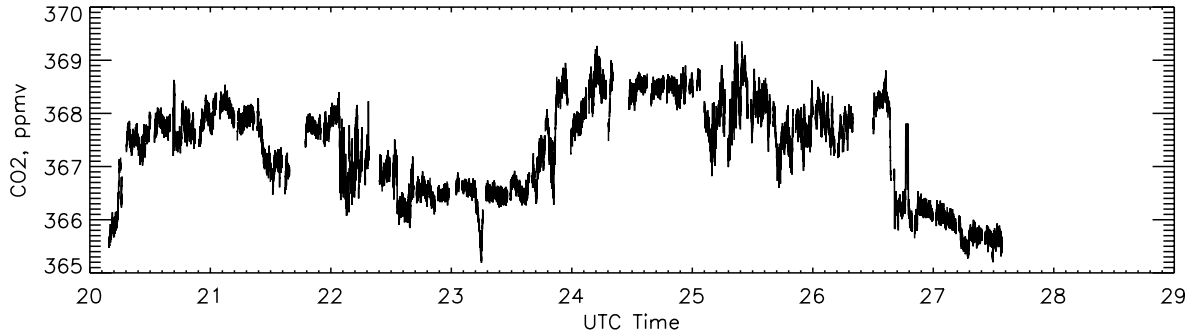


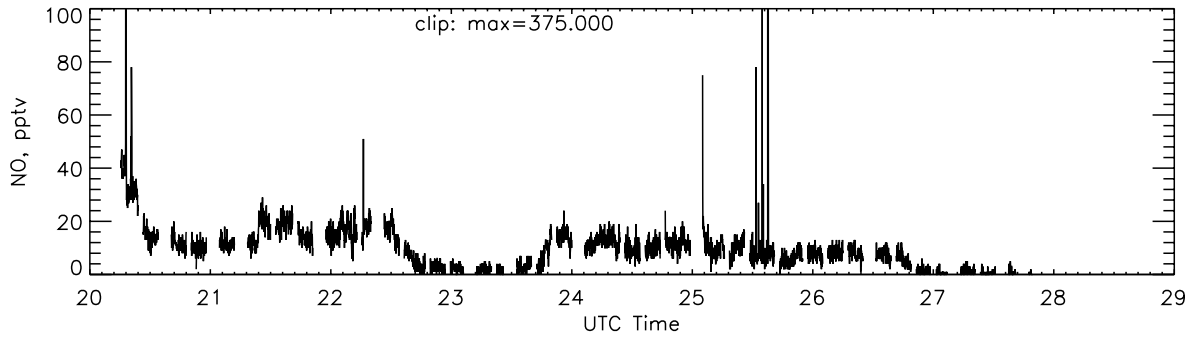


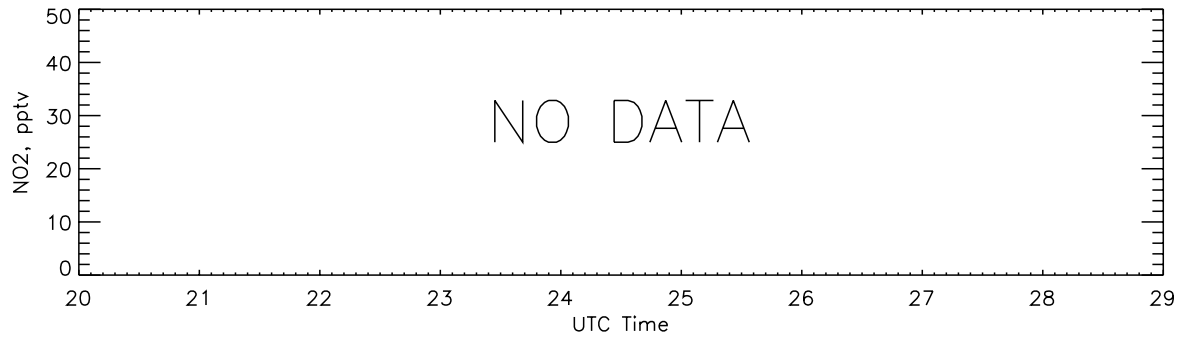
FINAL DATA: PEM Tropics B P3-B Flight 15



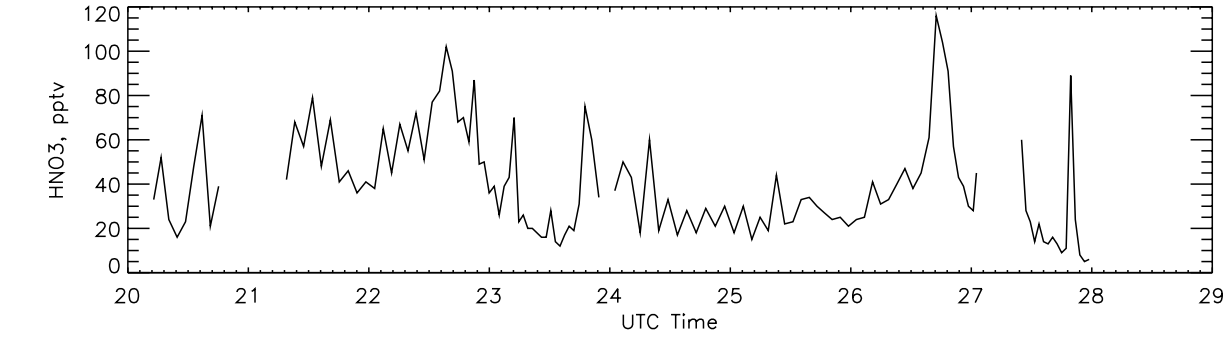


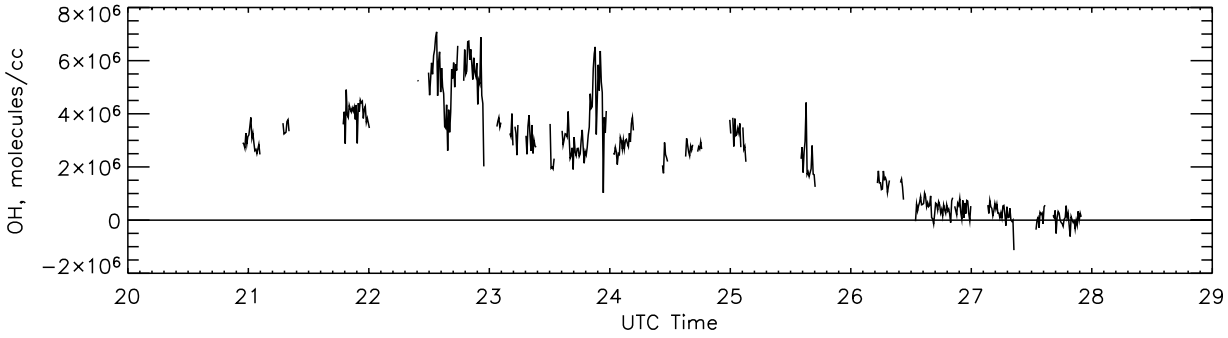


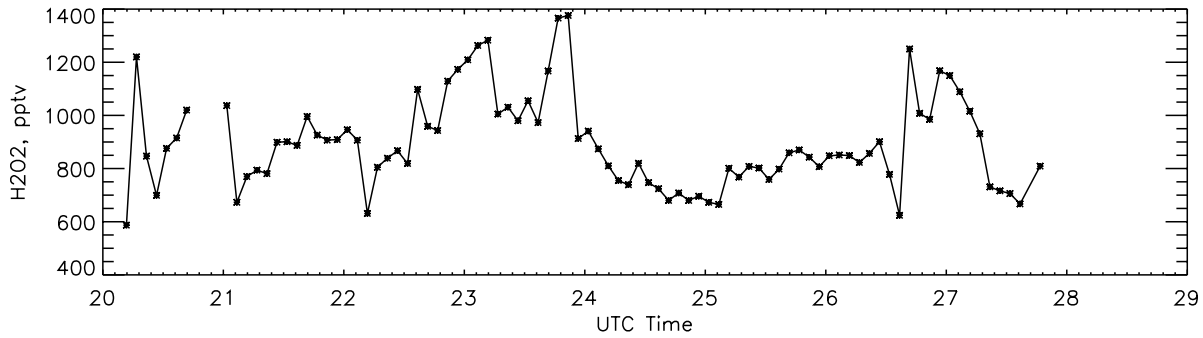


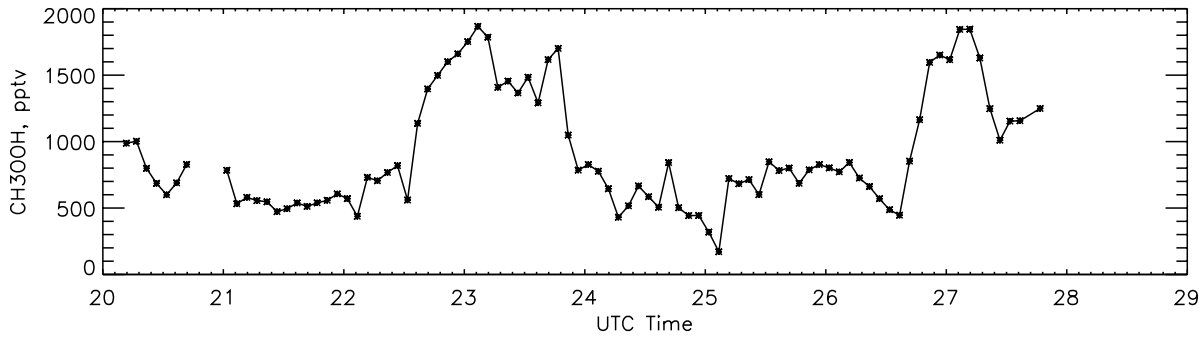


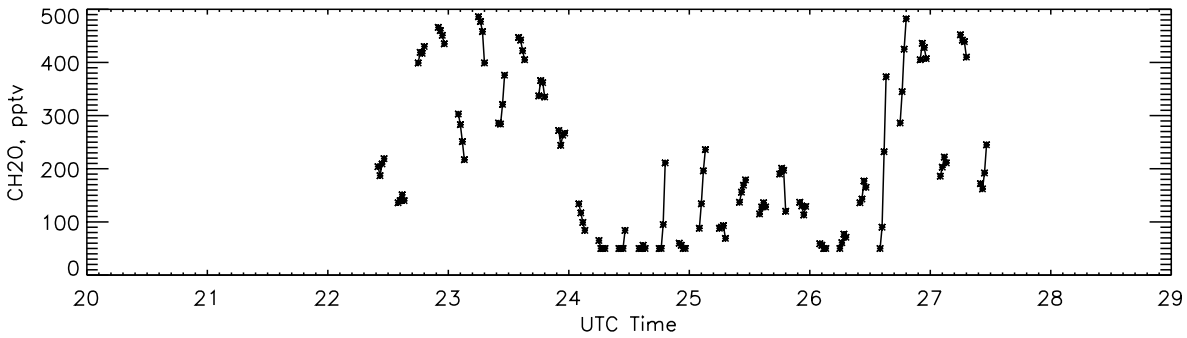
FINAL DATA: PEM Tropics B P3-B Flight 15

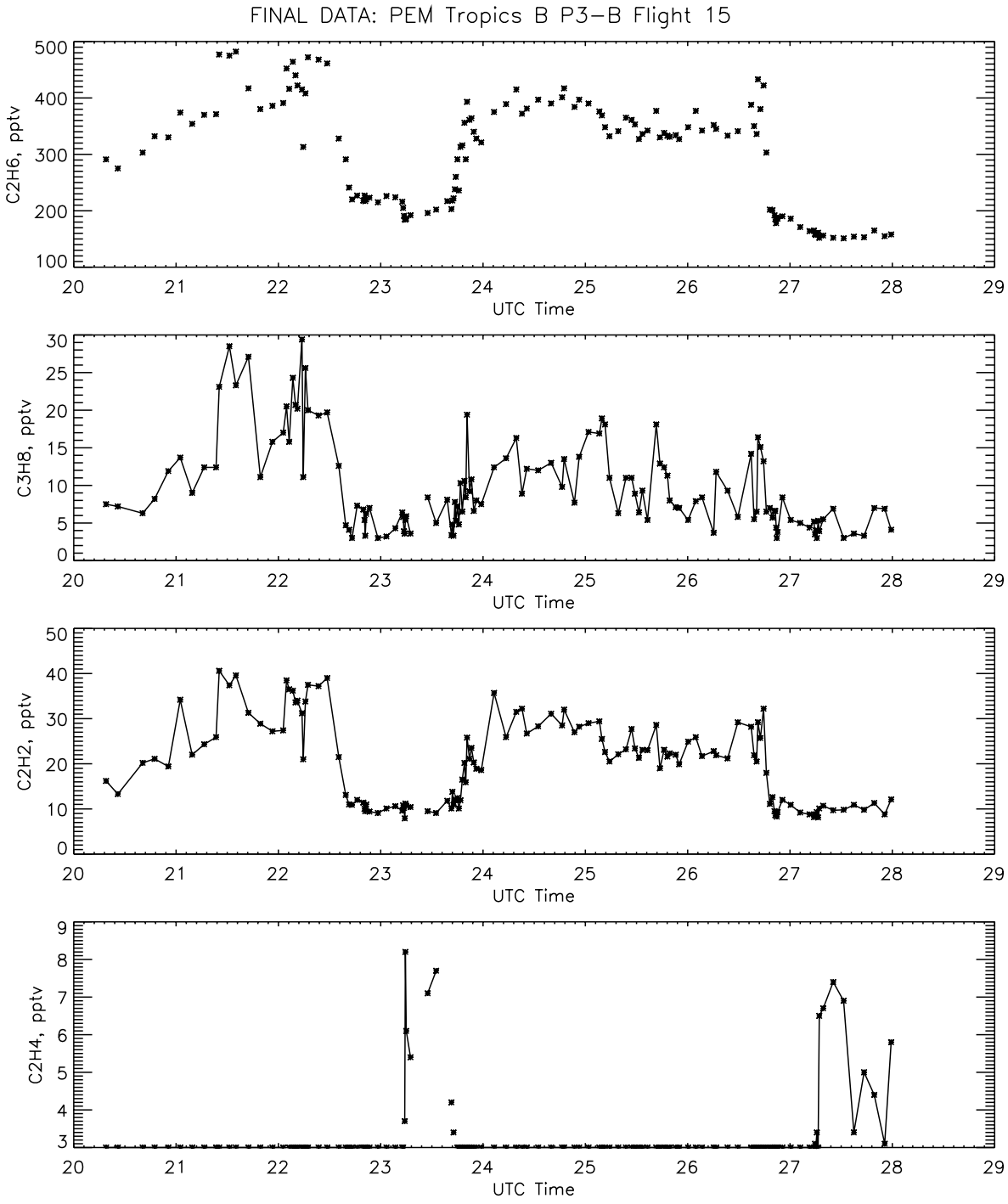




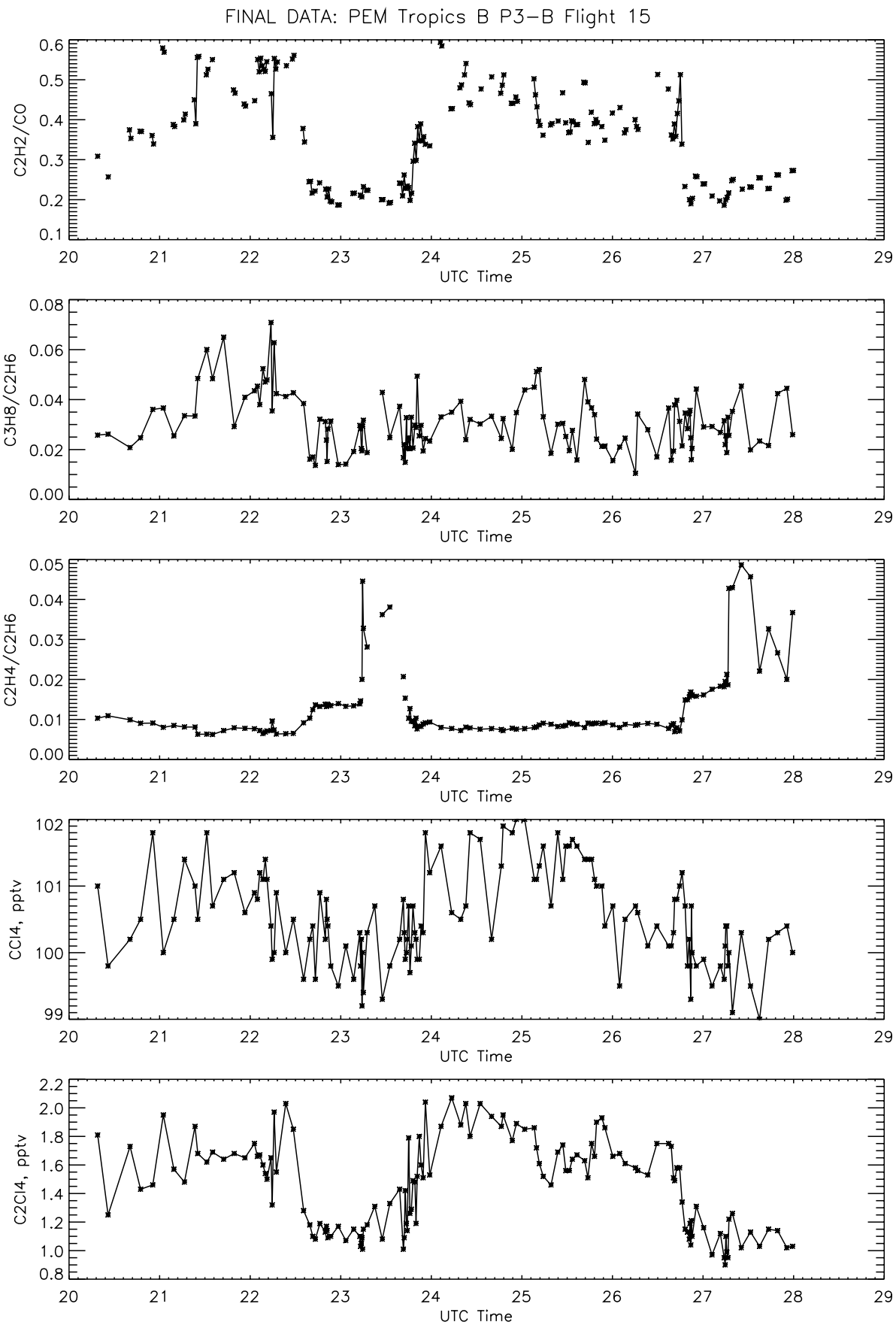




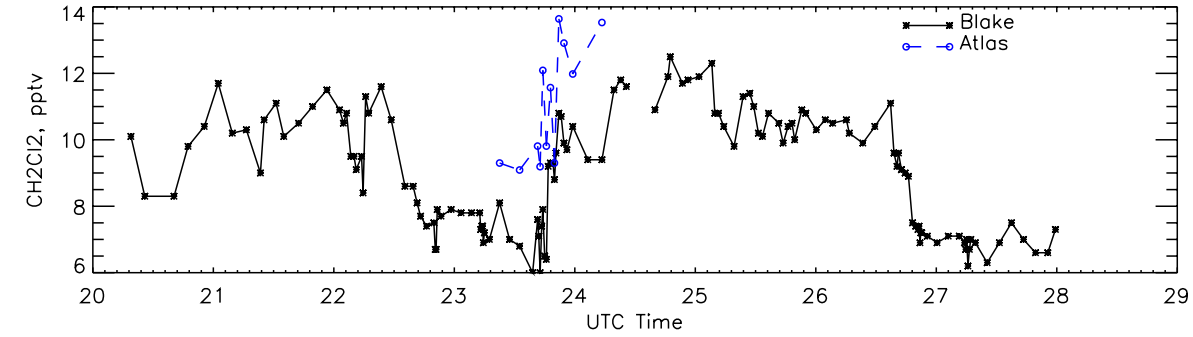


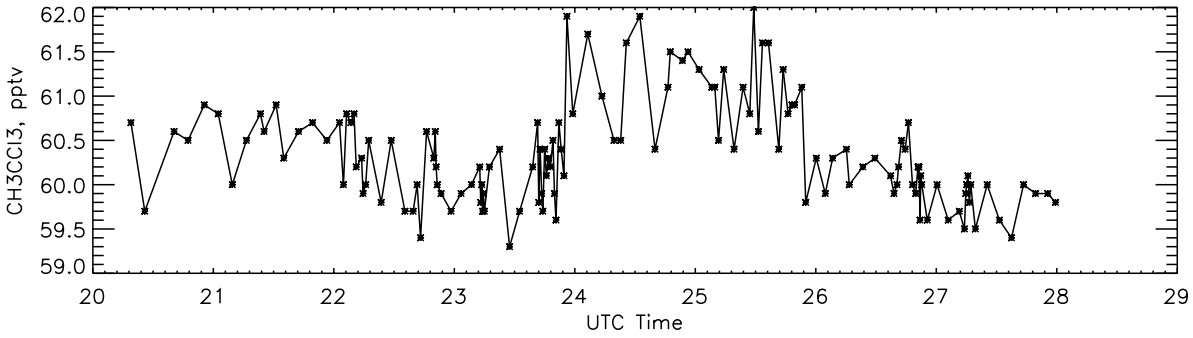

FINAL DATA: PEM Tropics B P3-B Flight 15
C2H6, pptv
C3H8, pptv
C2H2, pptv
C2H4, pptv
UTC Time

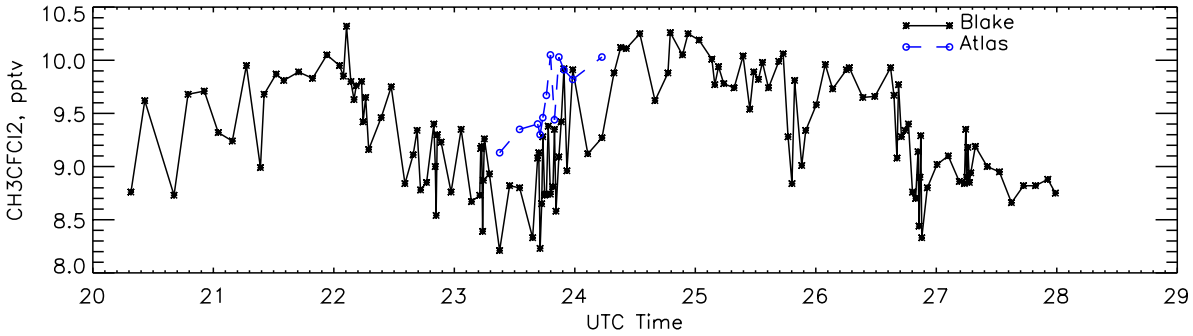
LEFT BLANK

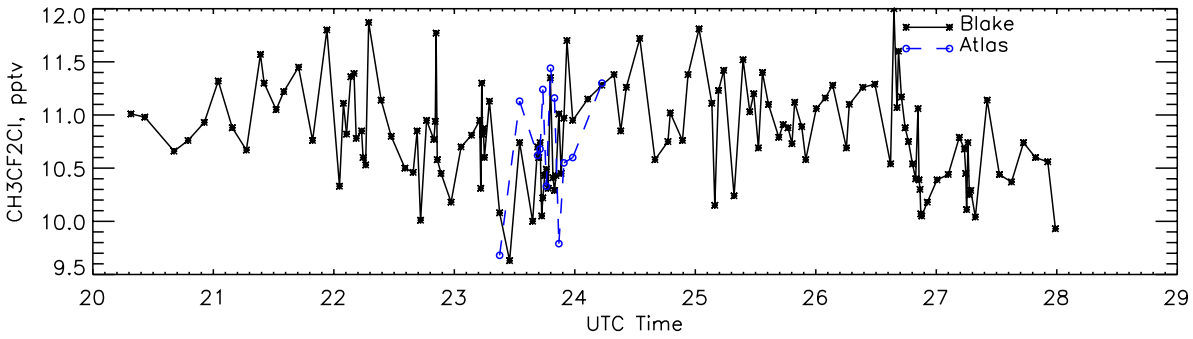

FINAL DATA: PEM Tropics B P3-B Flight 15
C2H2/CO
0.6
0.5
0.4
0.3
0.2
0.1
20
21
22
23
24
25
26
27
28
29
UTC Time
C3H8/C2H6
0.08
0.06
0.04
0.02
0.00
UTC Time
C2H4/C2H6
0.05
0.04
0.03
0.02
0.01
0.00
UTC Time
CCl4, pptv
102
101
100
99
UTC Time
C2Cl4, pptv
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
UTC Time

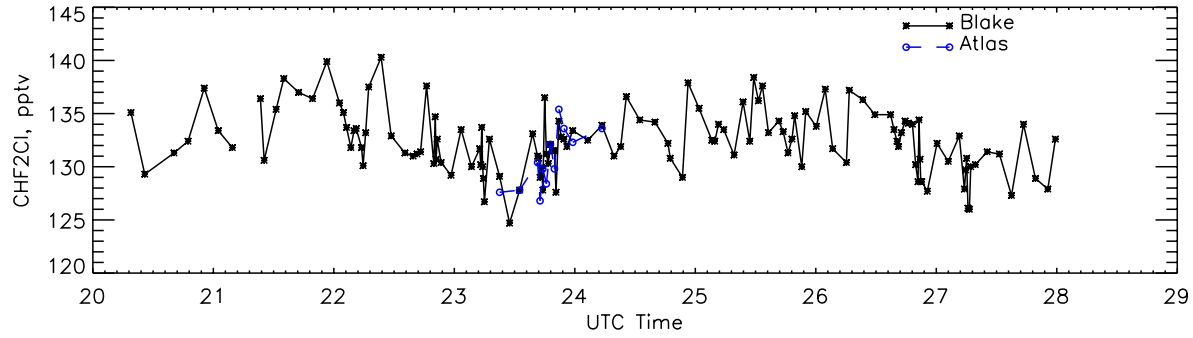
FINAL DATA: PEM Tropics B P3-B Flight 15



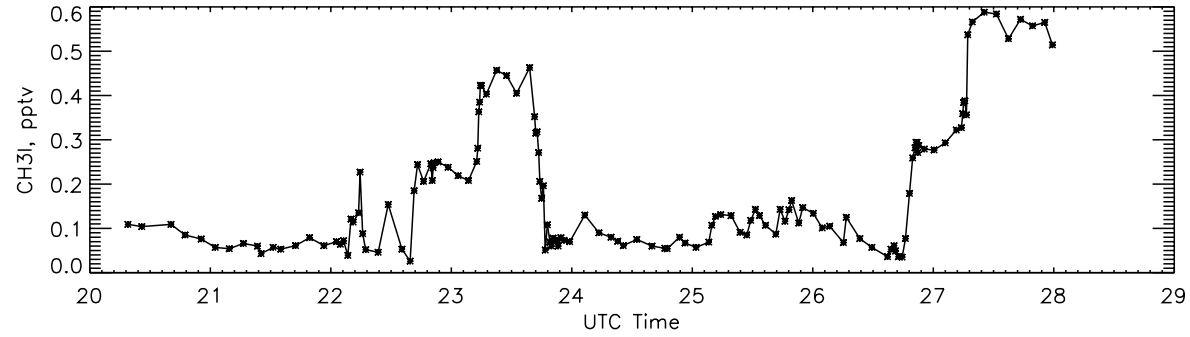


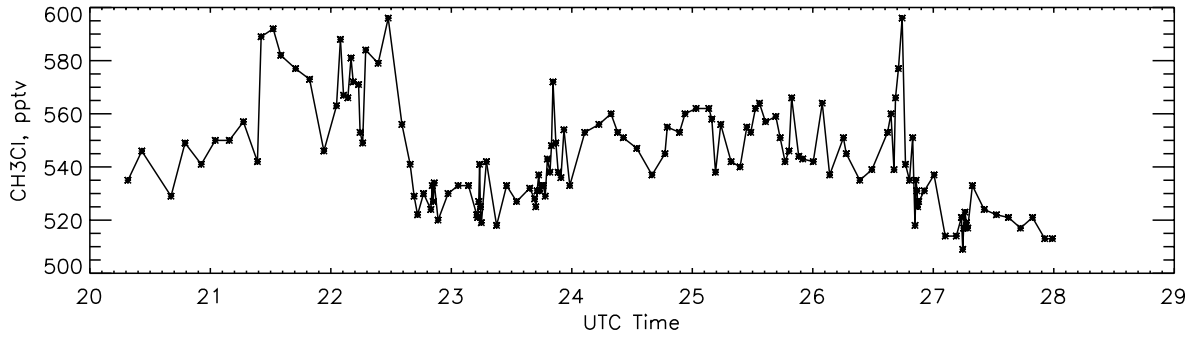


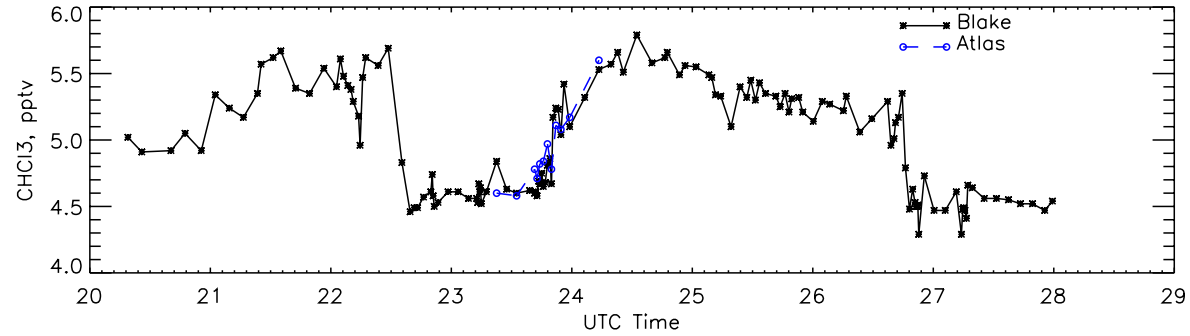


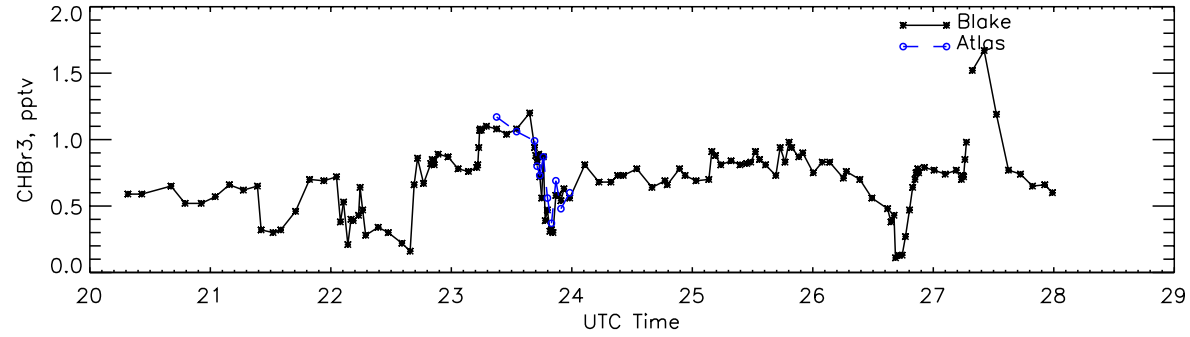


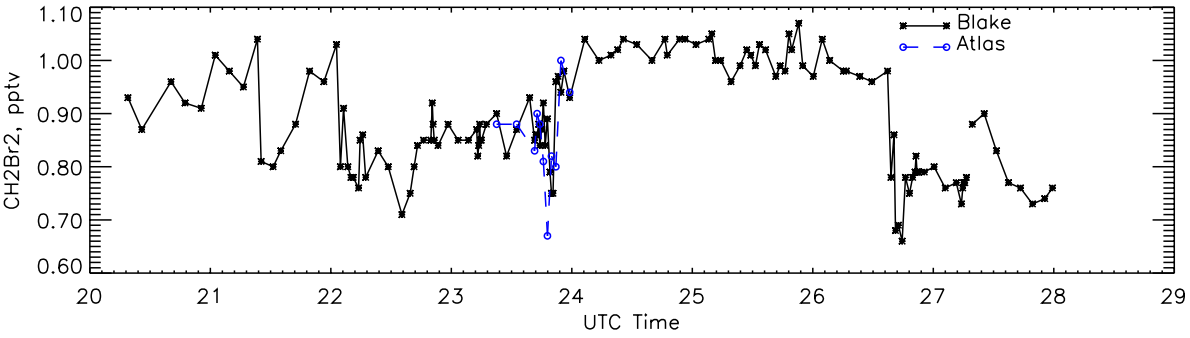
FINAL DATA: PEM Tropics B P3-B Flight 15

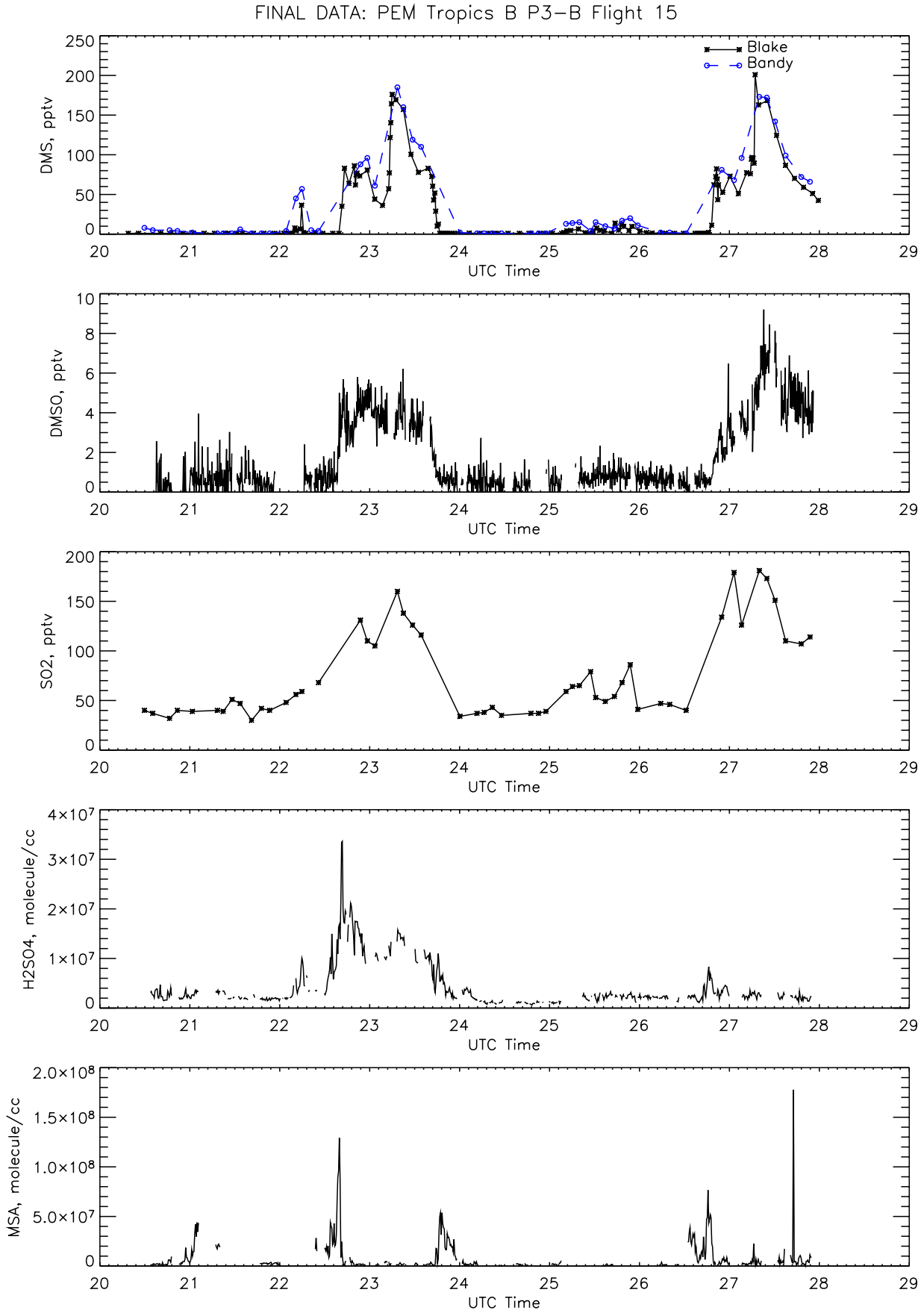




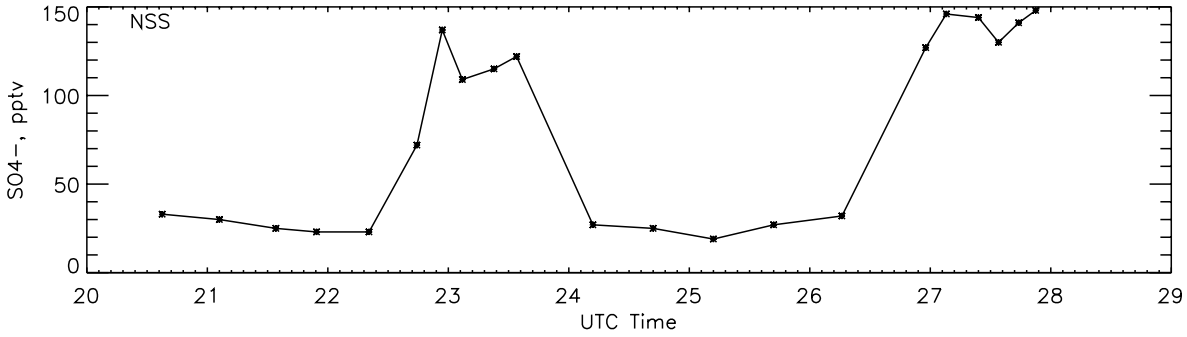


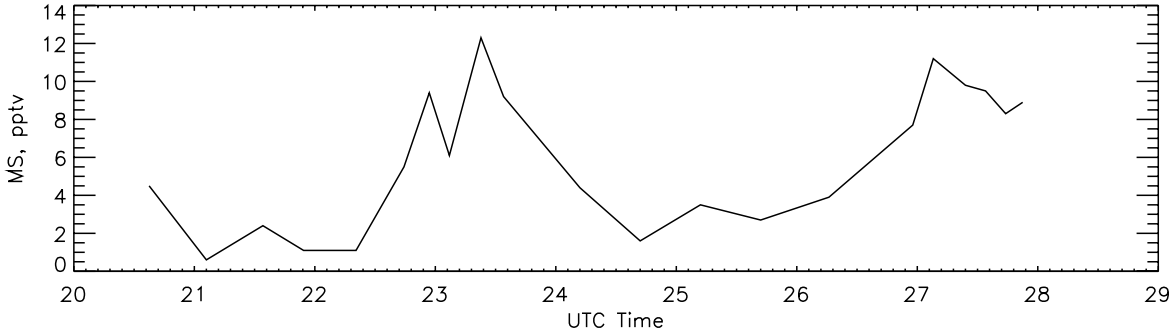


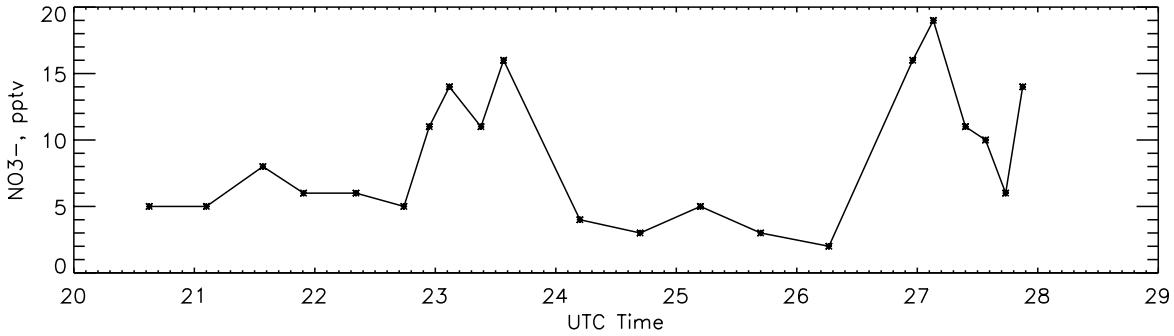


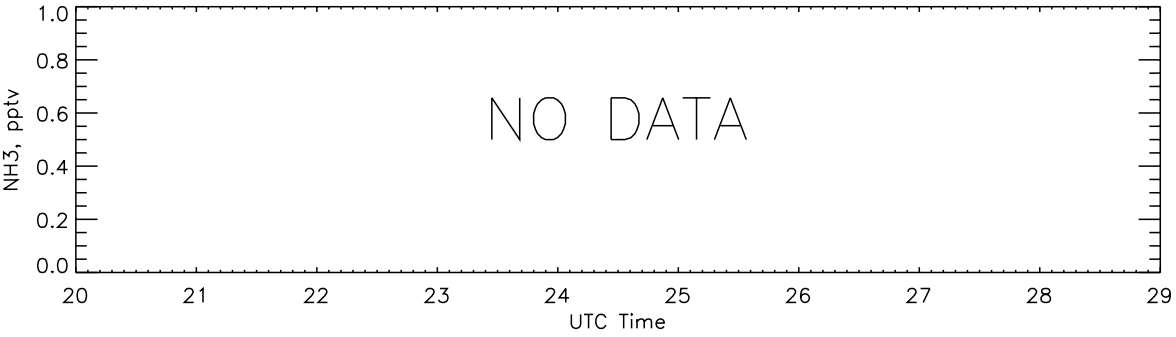

FINAL DATA: PEM Tropics B P3-B Flight 15
Blake
Bandy
DMS, pptv
DMSO, pptv
SO2, pptv
H2SO4, molecule/cc
MSA, molecule/cc
UTC Time

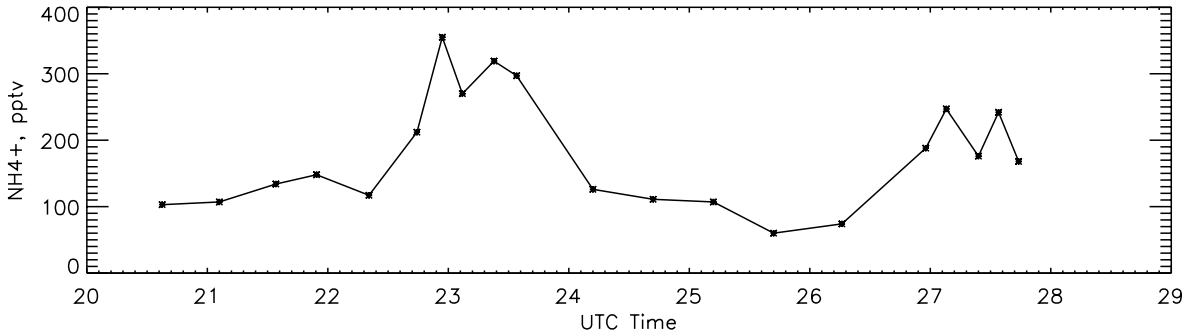
FINAL DATA: PEM Tropics B P3-B Flight 15

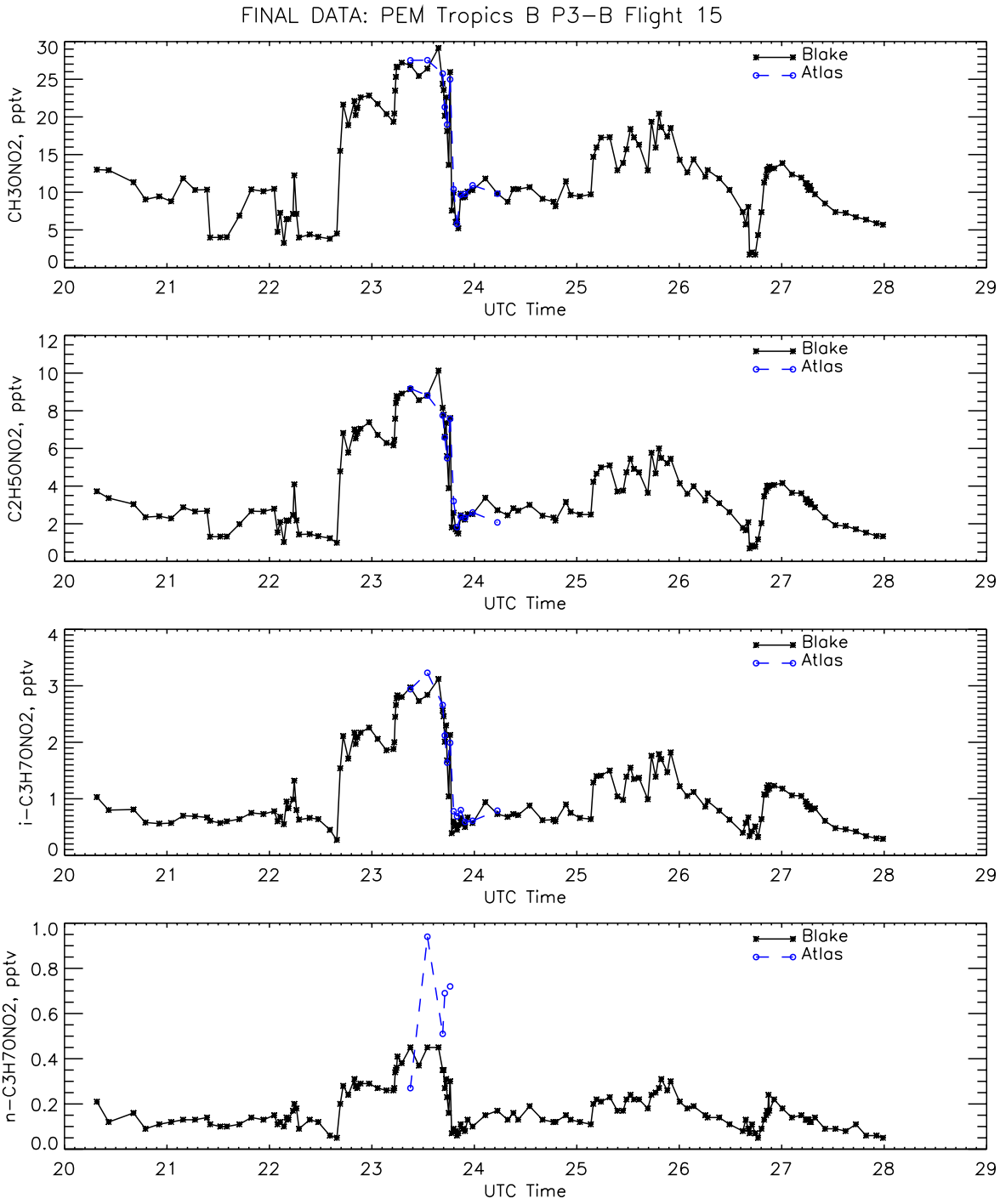




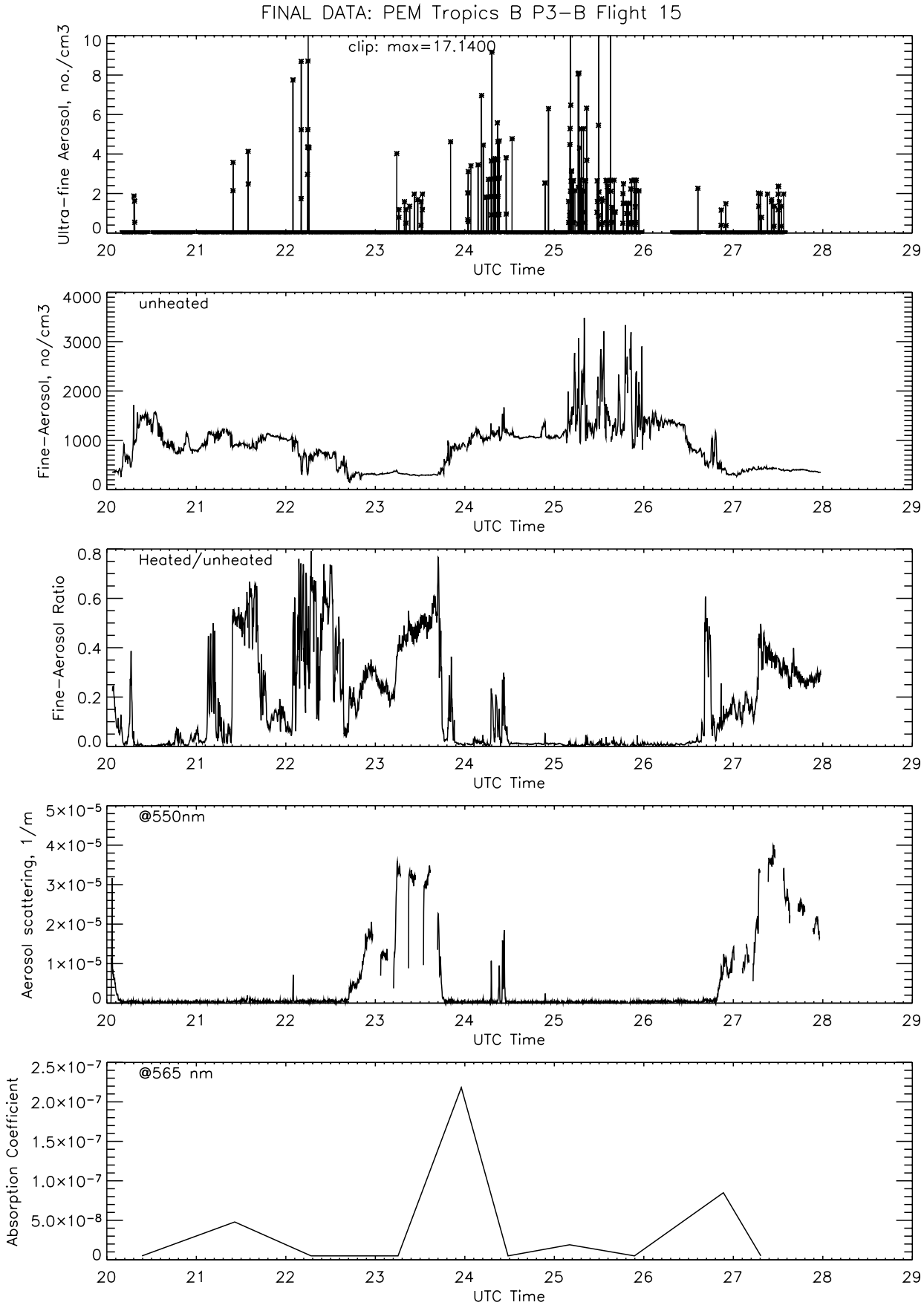




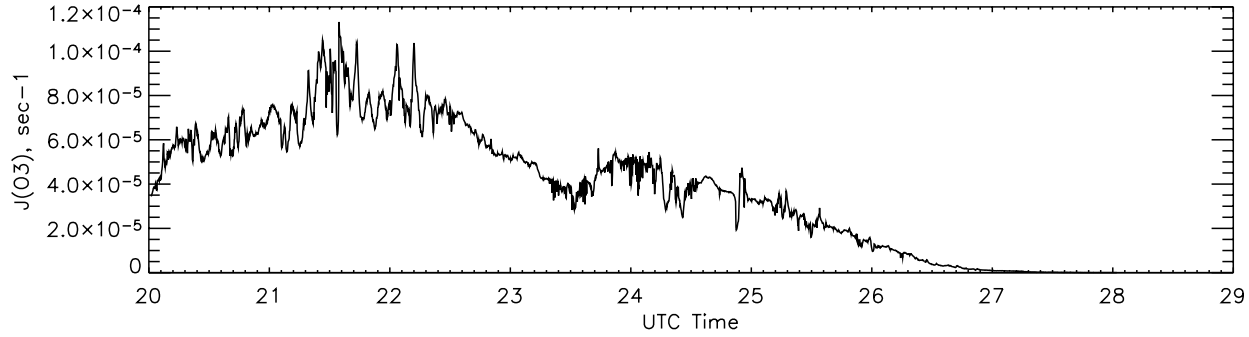


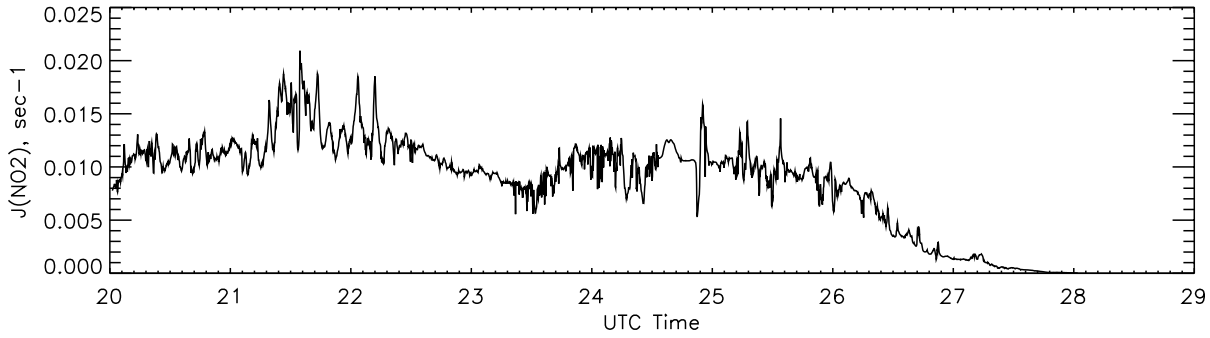

FINAL DATA: PEM Tropics B P3-B Flight 15
CH3ONO2, pptv
C2H5ONO2, pptv
i-C3H7ONO2, pptv
n-C3H7ONO2, pptv
UTC Time
Blake
Atlas

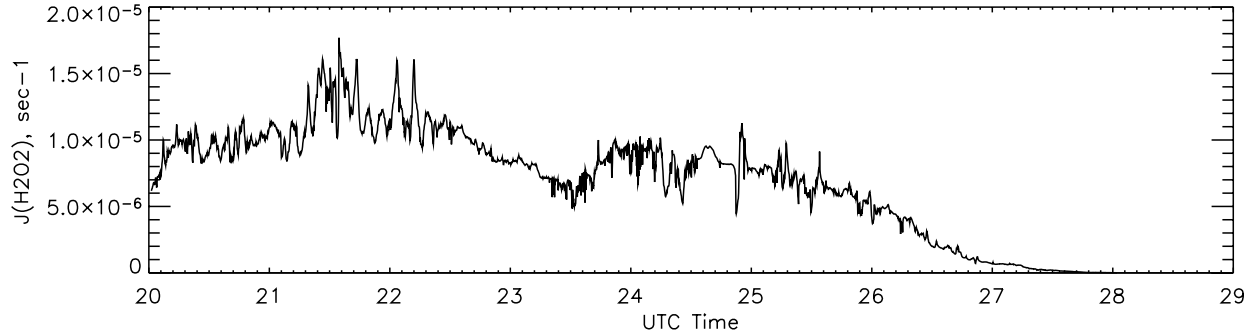
LEFT BLANK

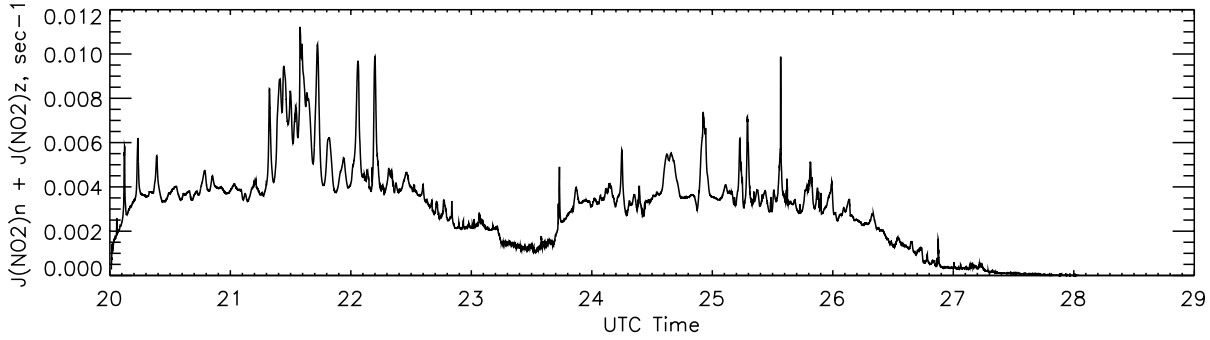

FINAL DATA: PEM Tropics B P3-B Flight 15
clip: max=17.1400
Ultra-fine Aerosol, no./cm3
UTC Time
unheated
Fine-Aerosol, no/cm3
UTC Time
Heated/unheated
Fine-Aerosol Ratio
UTC Time
@550nm
Aerosol scattering, 1/m
UTC Time
@565 nm
Absorption Coefficient
UTC Time

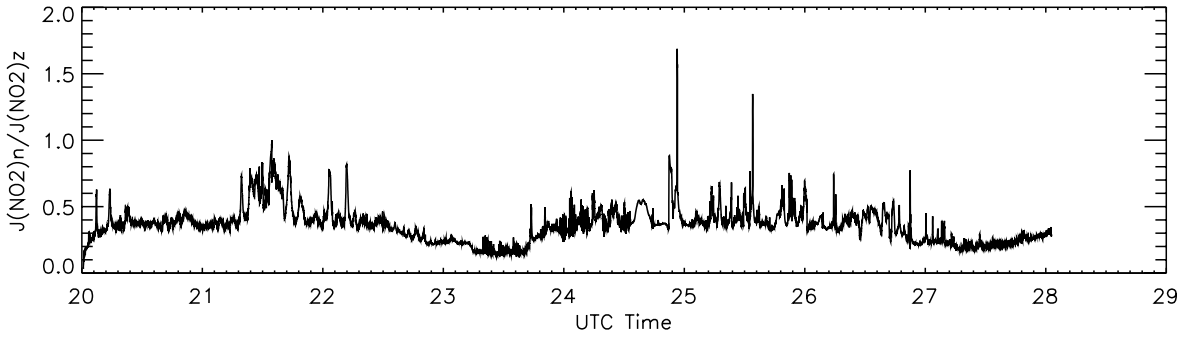
FINAL DATA: PEM Tropics B P3-B Flight 15

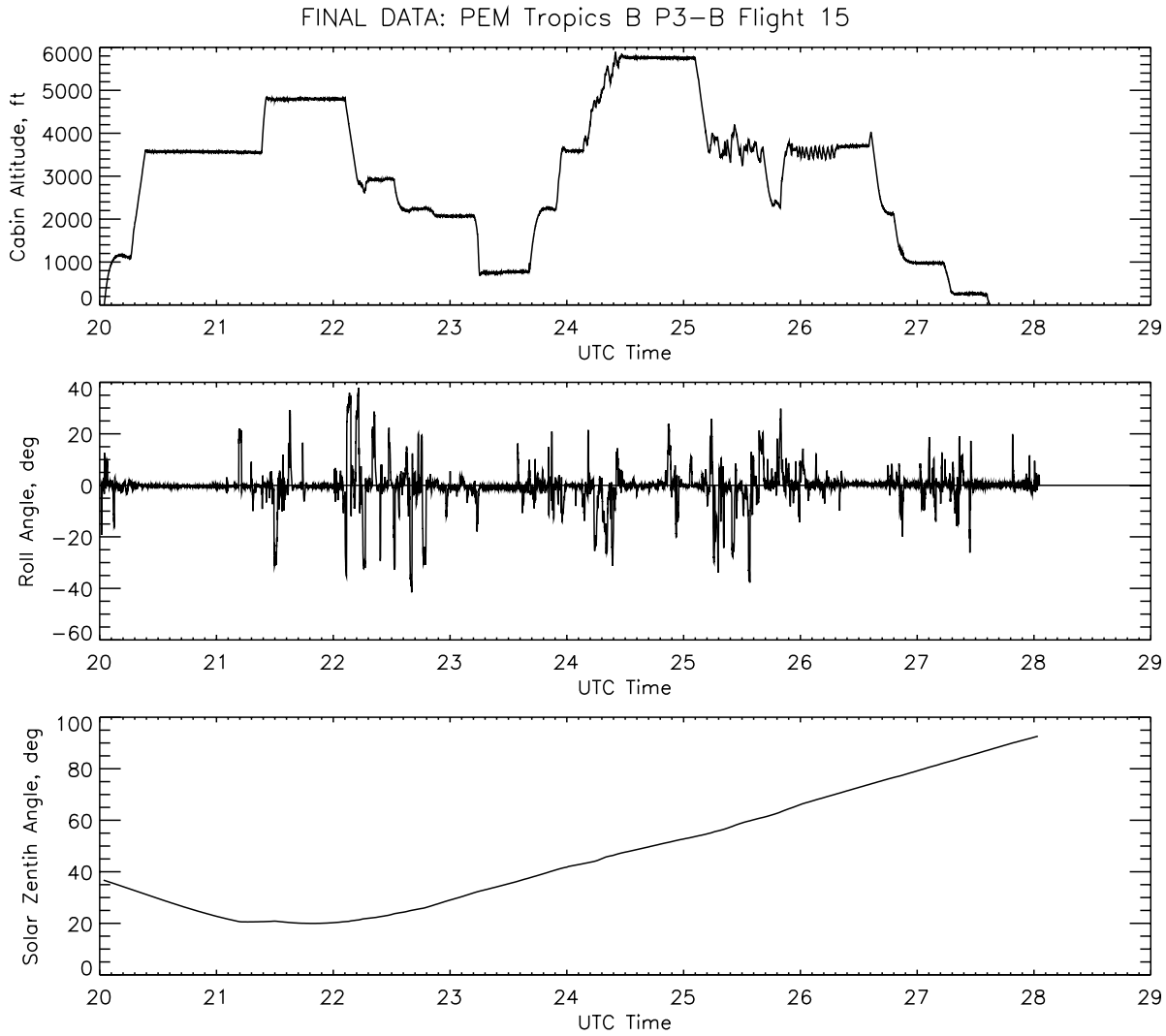











FINAL DATA: PEM Tropics B P3-B Flight 15
Cabin Altitude, ft
6000
5000
4000
3000
2000
1000
0
20
21
22
23
24
25
26
27
28
29
UTC Time
Roll Angle, deg
40
20
0
−20
−40
−60
20
21
22
23
24
25
26
27
28
29
UTC Time
Solar Zenith Angle, deg
100
80
60
40
20
0
20
21
22
23
24
25
26
27
28
29
UTC Time