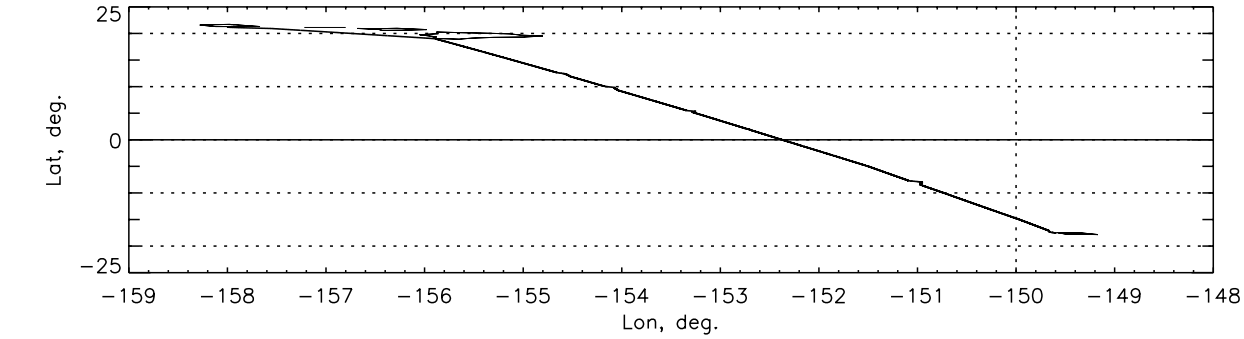
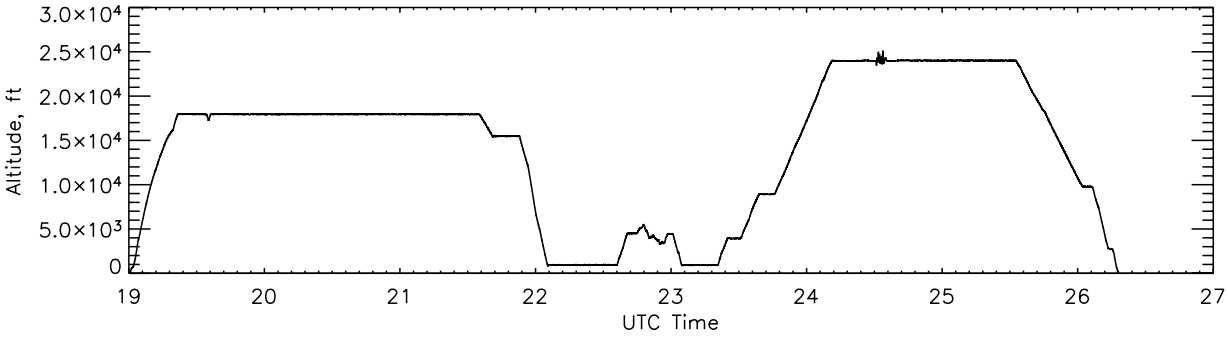
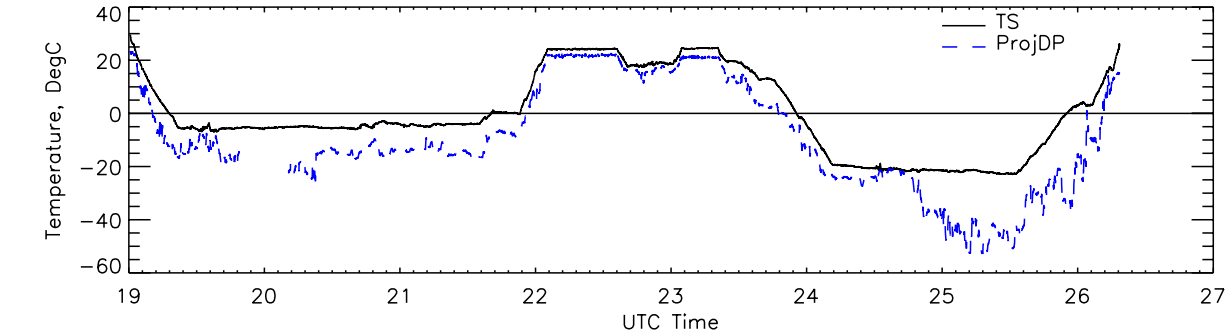
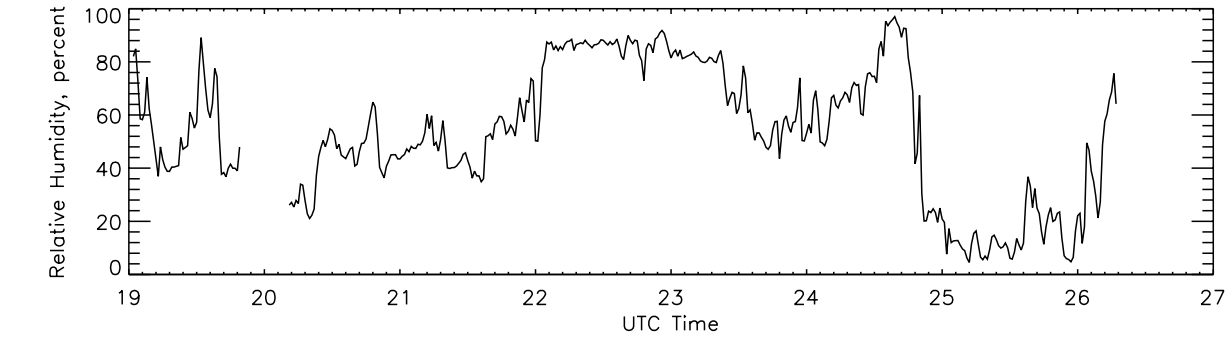
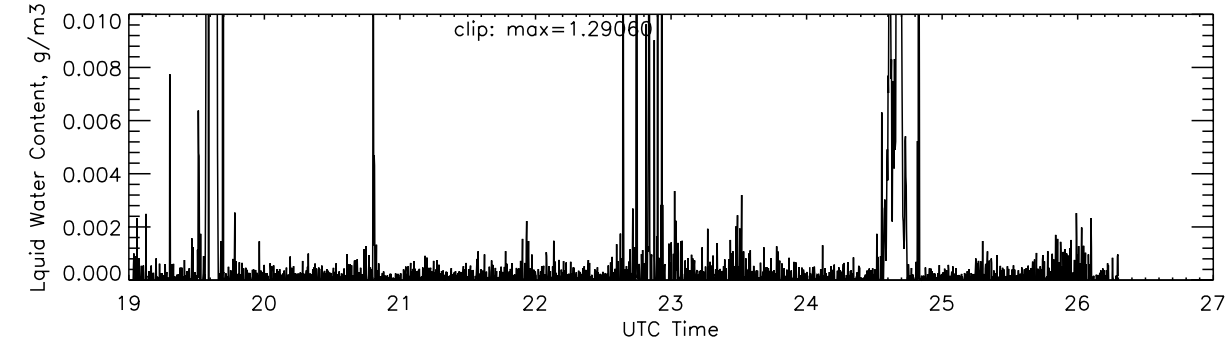
FINAL DATA: PEM Tropics B P3-B Flight 17



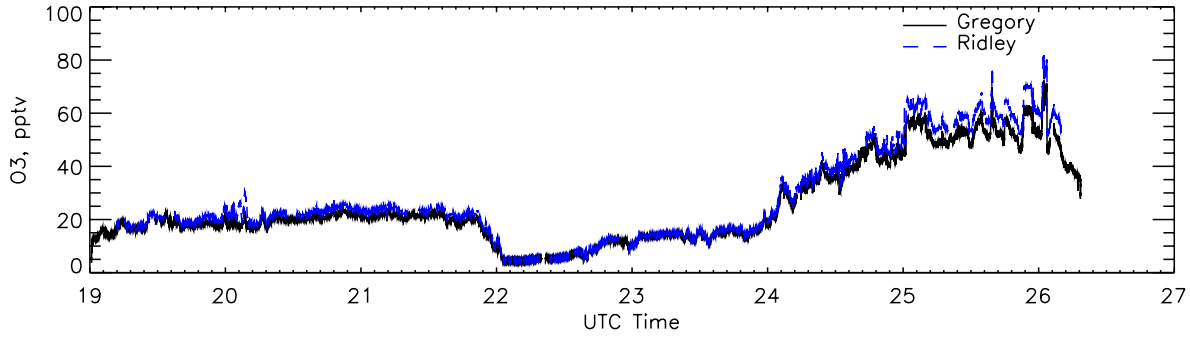


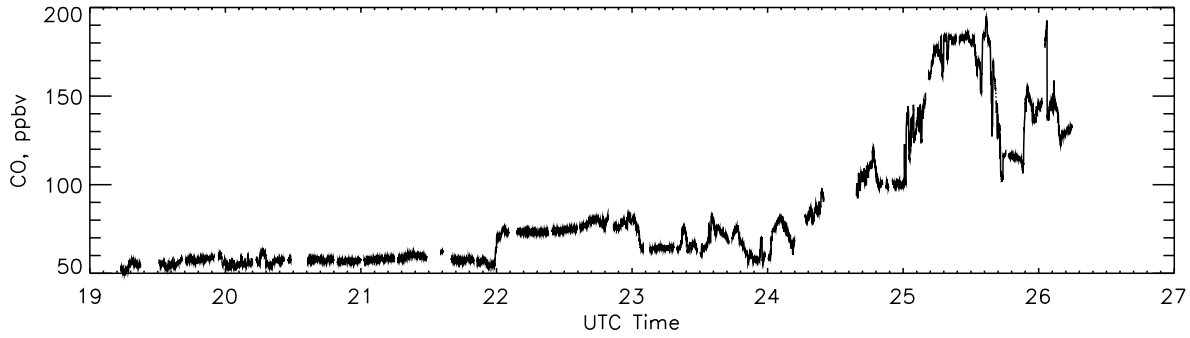


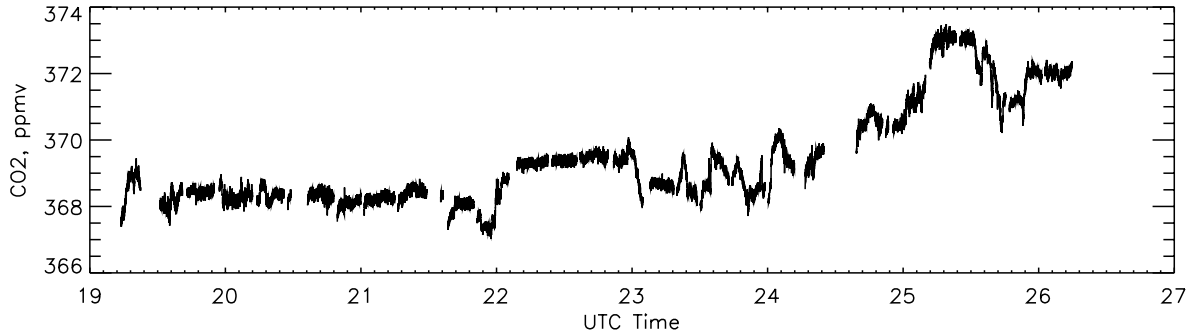


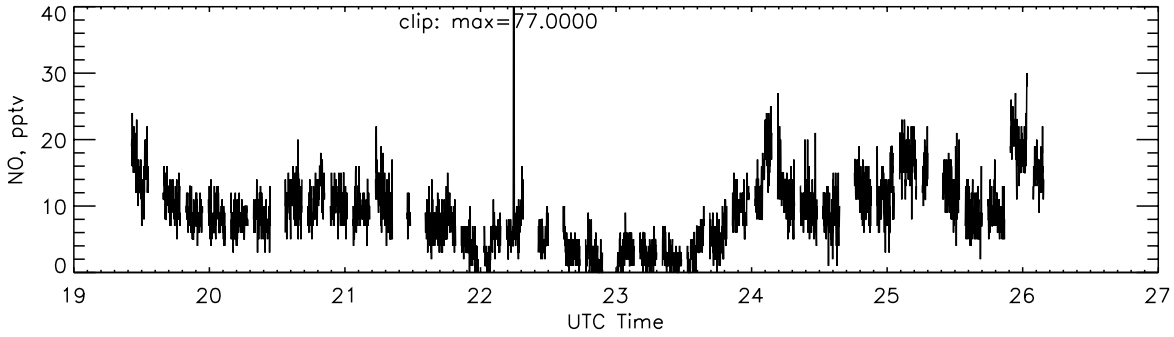


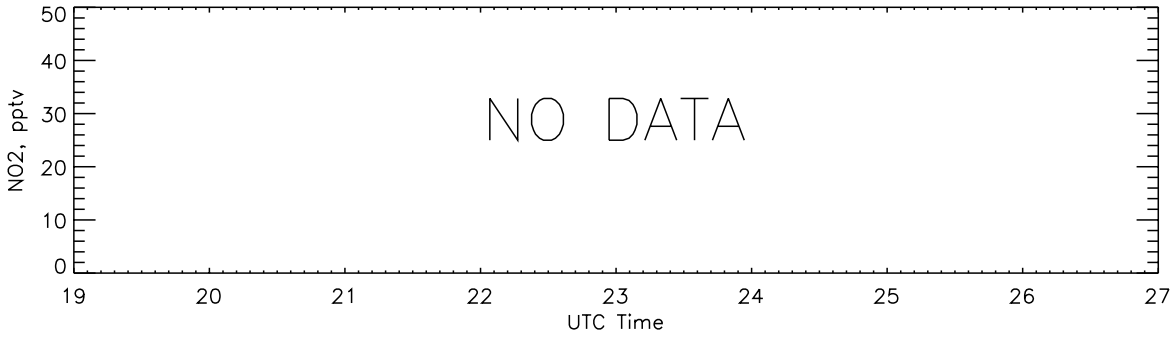
FINAL DATA: PEM Tropics B P3-B Flight 17



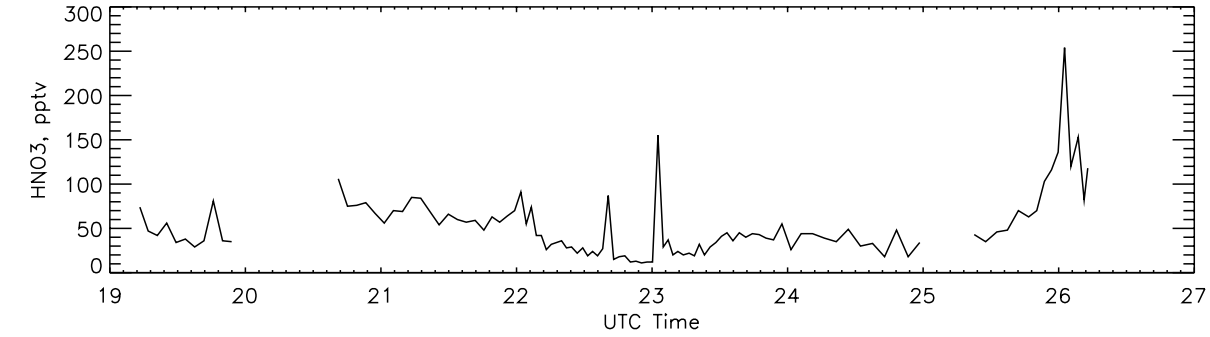


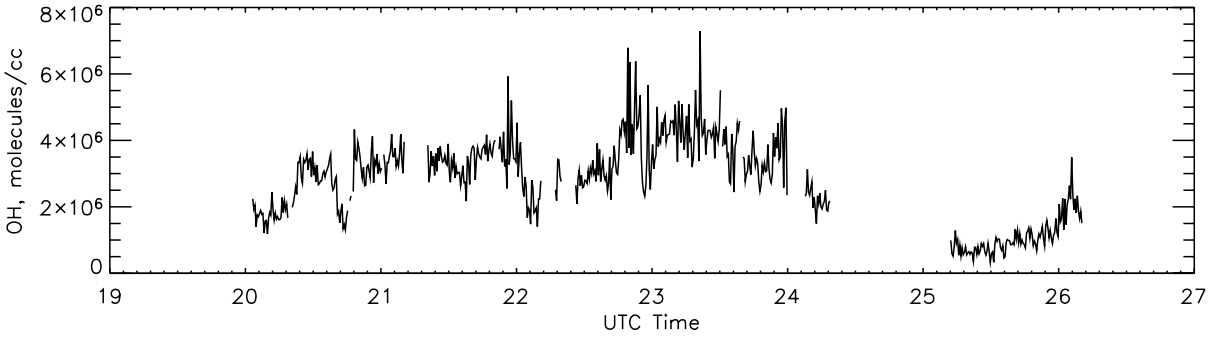


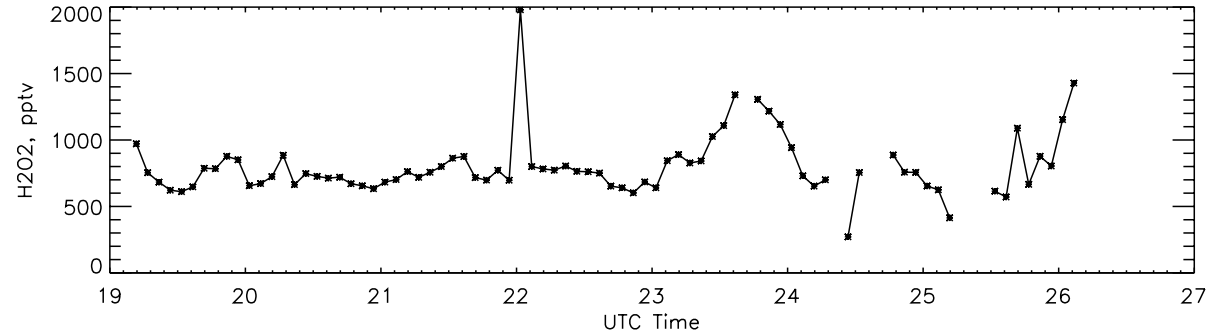


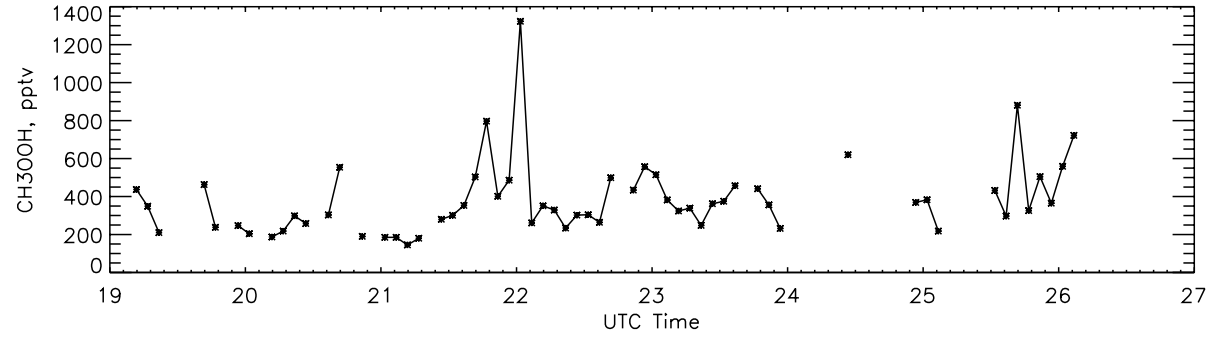


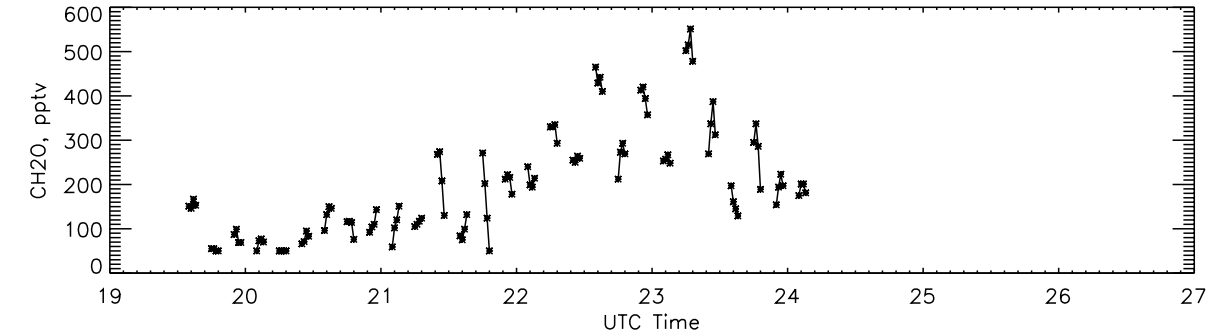
FINAL DATA: PEM Tropics B P3-B Flight 17

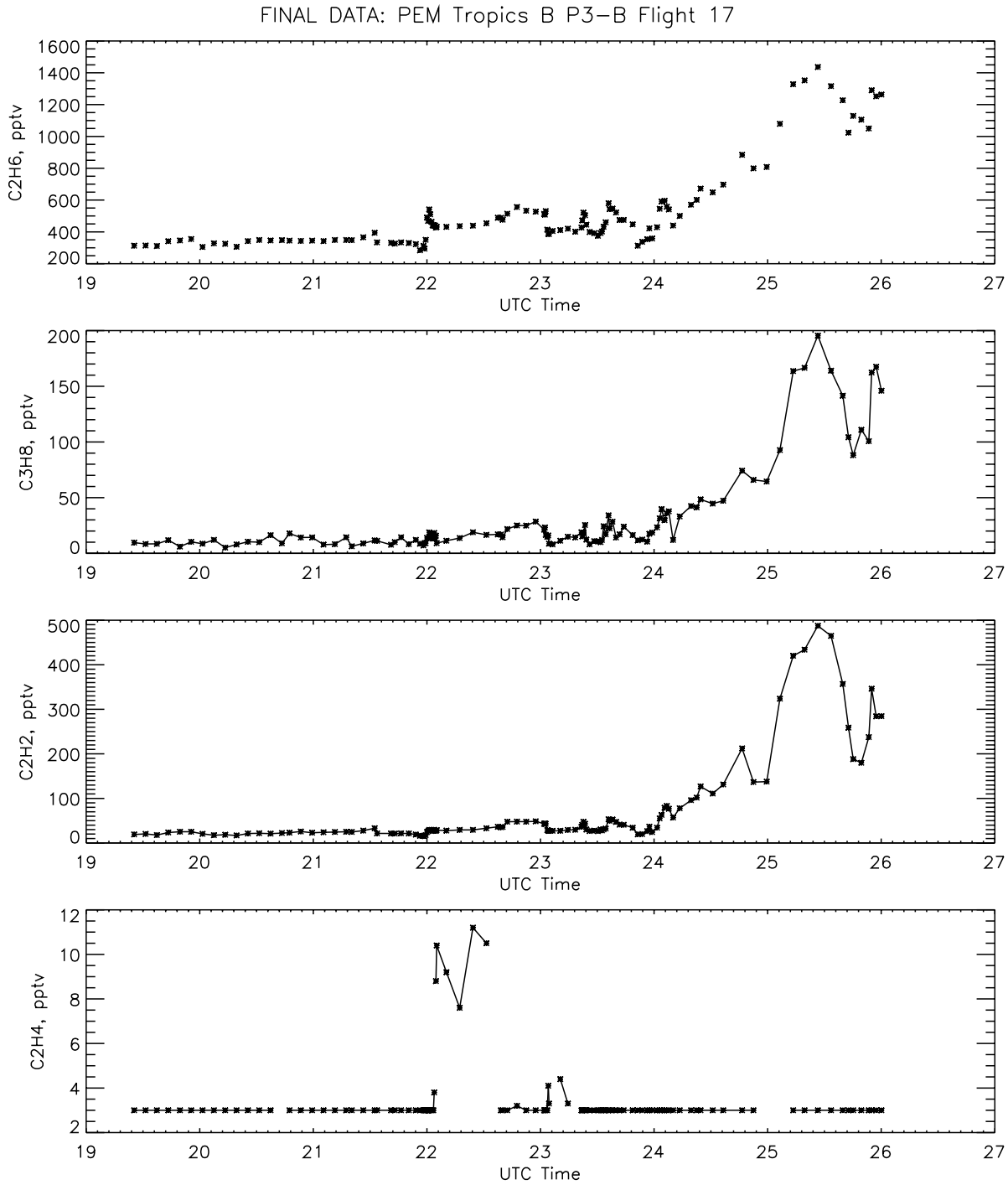






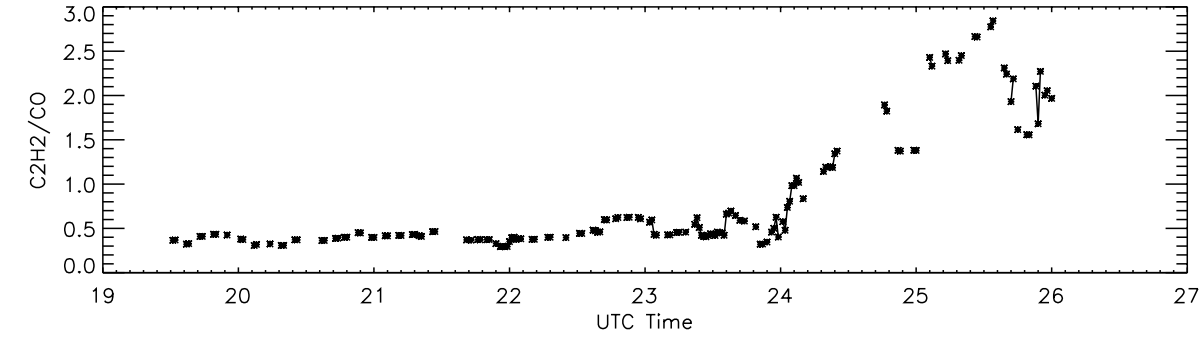


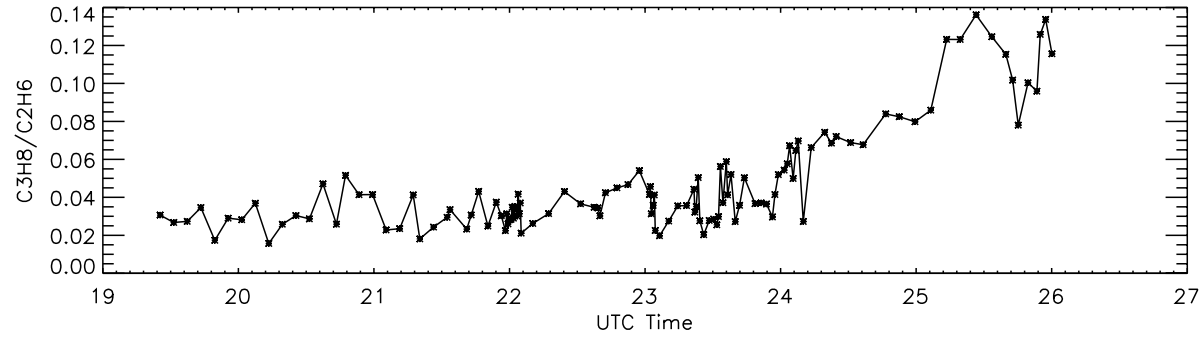


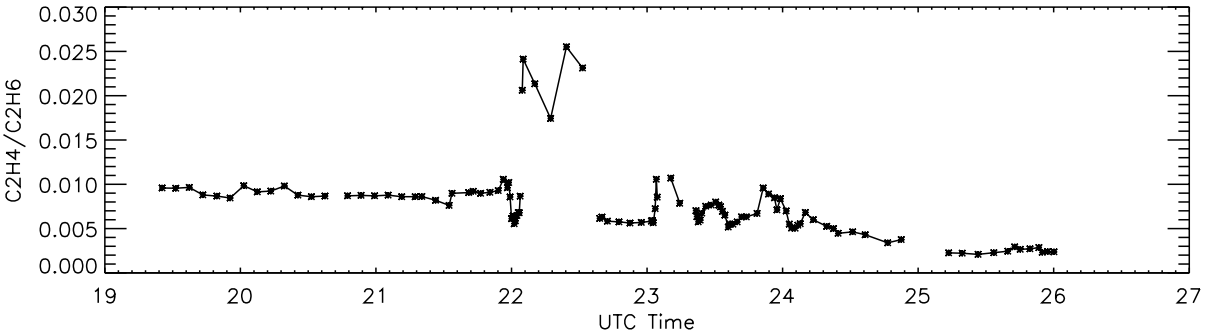

FINAL DATA: PEM Tropics B P3-B Flight 17
C2H6, pptv
1600
1400
1200
1000
800
600
400
200
19
20
21
22
23
24
25
26
27
UTC Time
C3H8, pptv
200
150
100
50
0
UTC Time
C2H2, pptv
500
400
300
200
100
0
UTC Time
C2H4, pptv
12
10
8
6
4
2
UTC Time

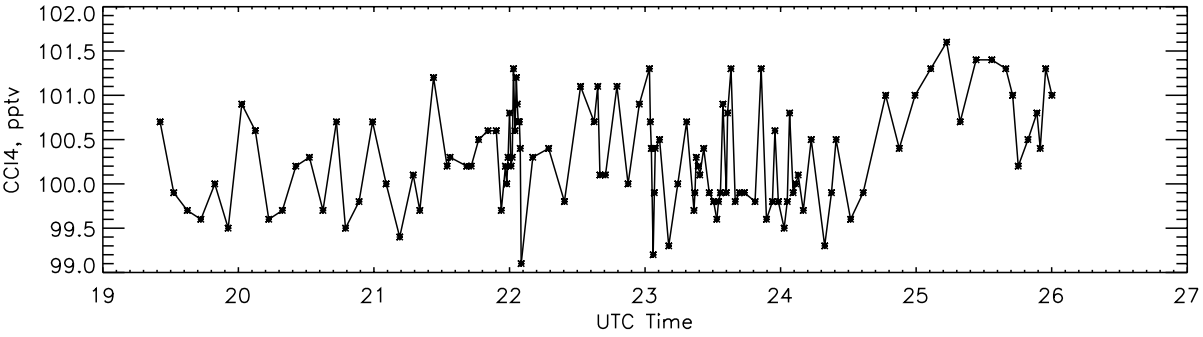
LEFT BLANK

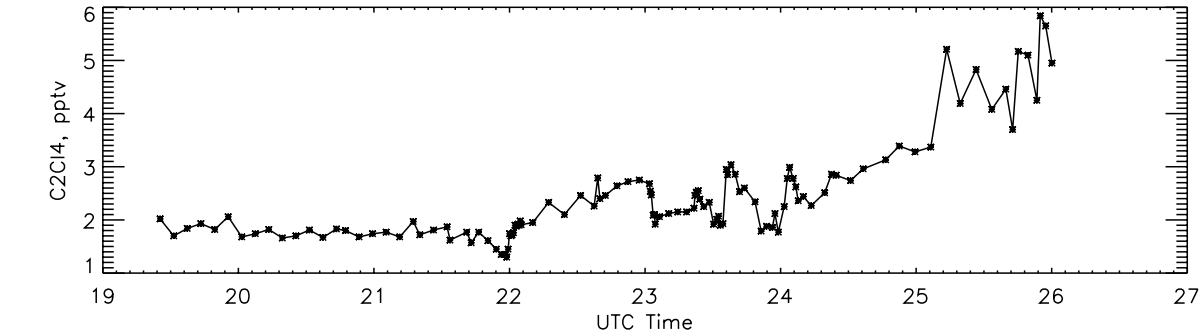
FINAL DATA: PEM Tropics B P3-B Flight 17



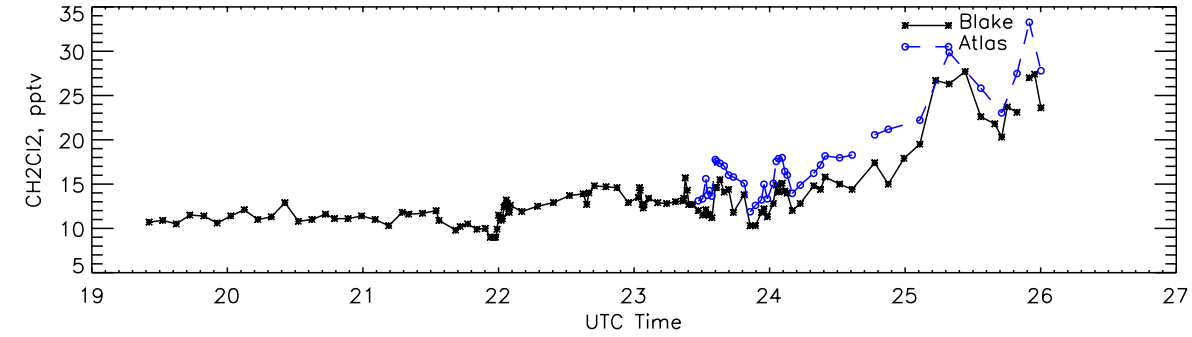


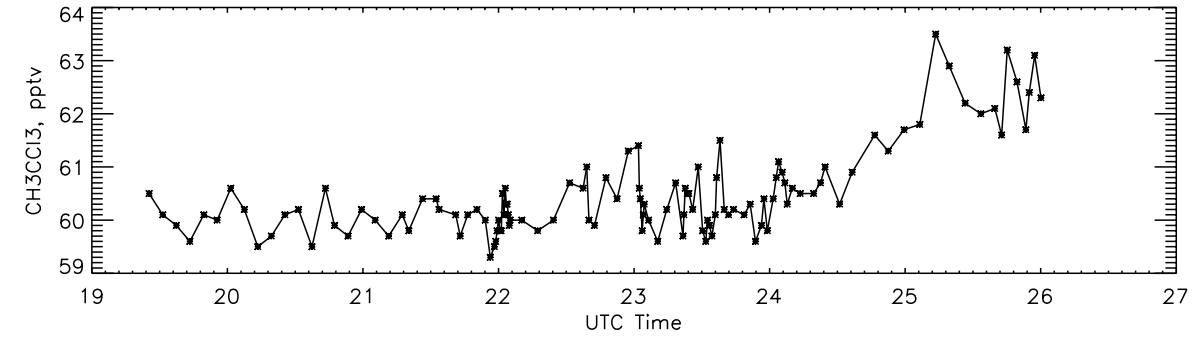


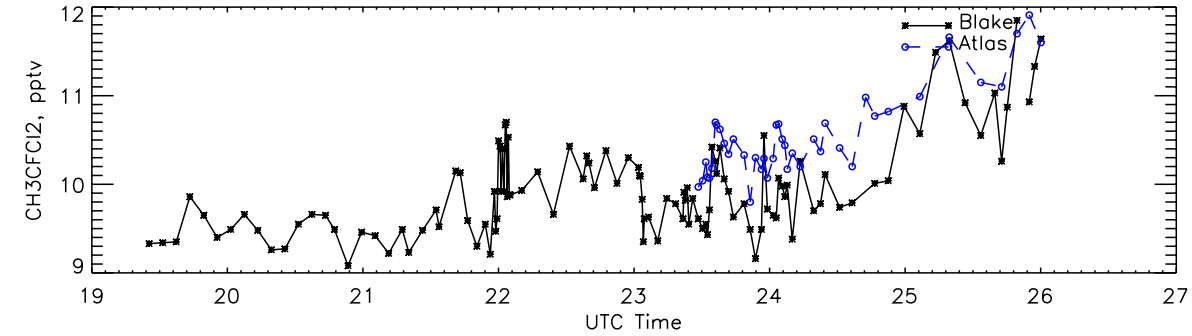


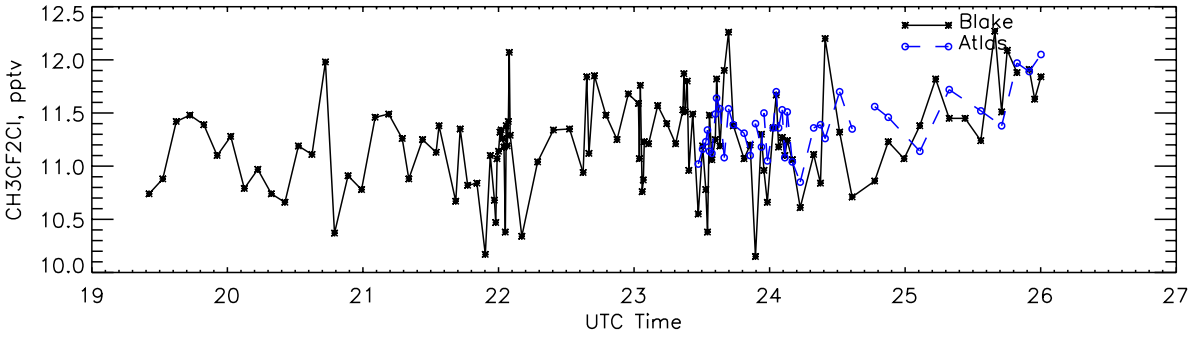


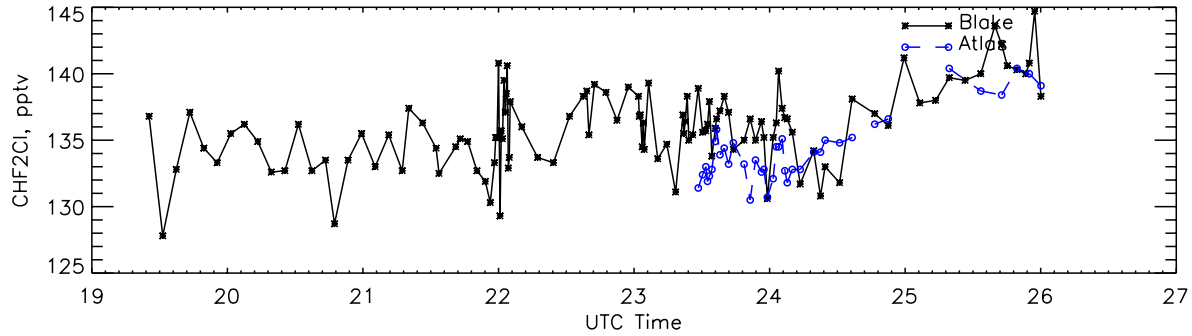
FINAL DATA: PEM Tropics B P3-B Flight 17



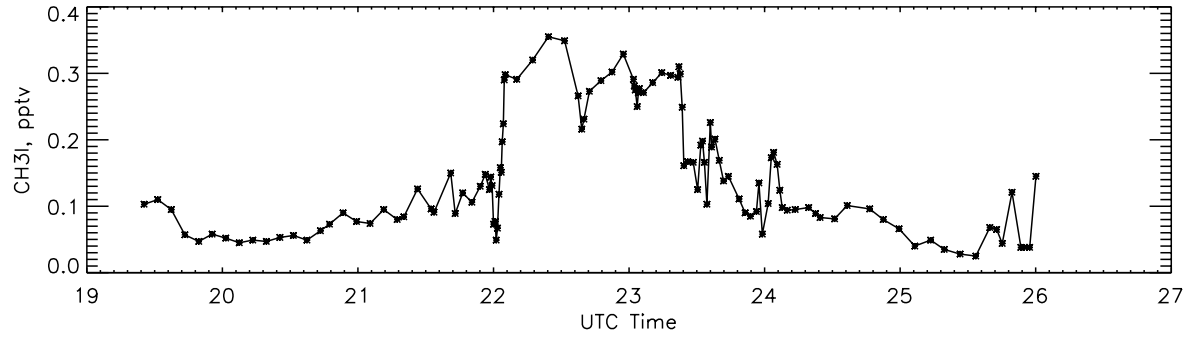


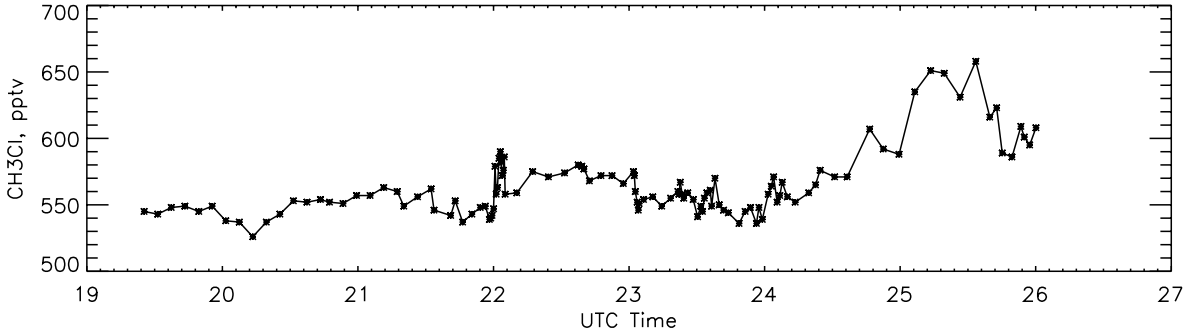


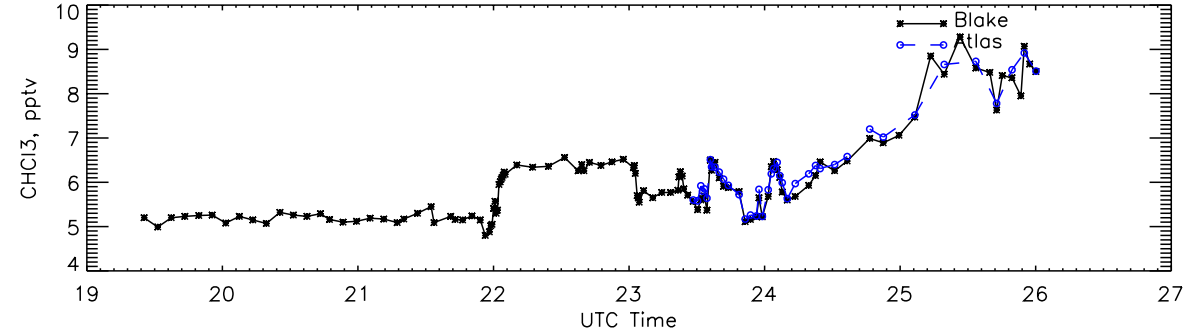


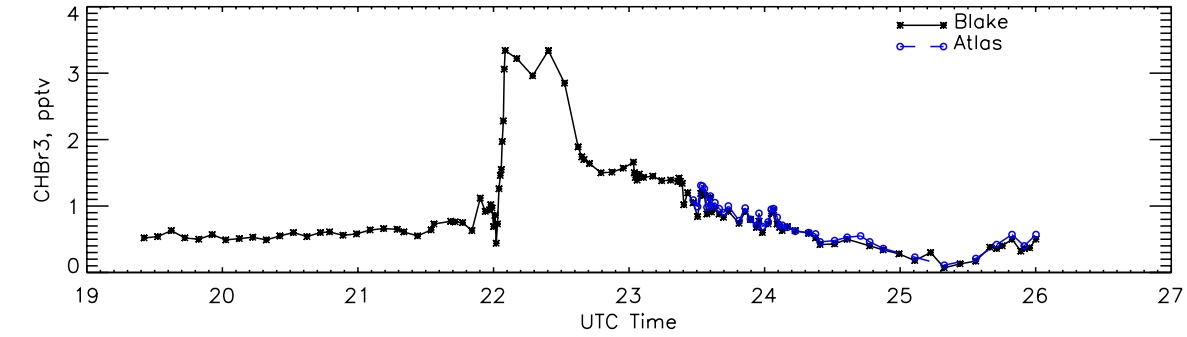


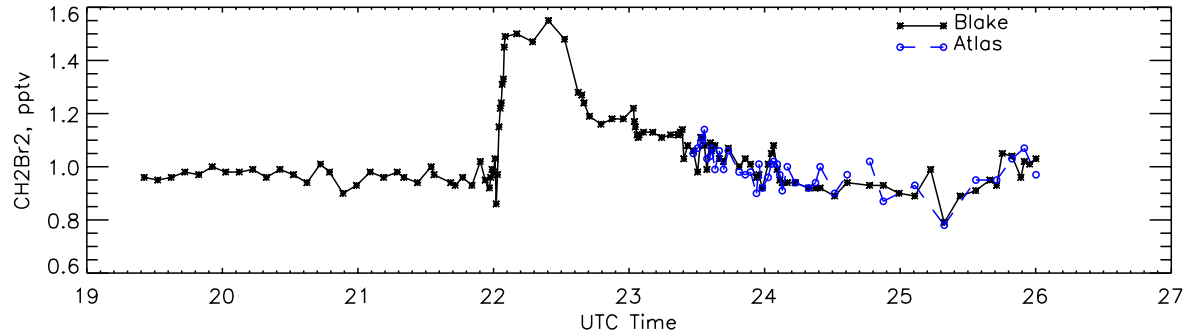
FINAL DATA: PEM Tropics B P3-B Flight 17

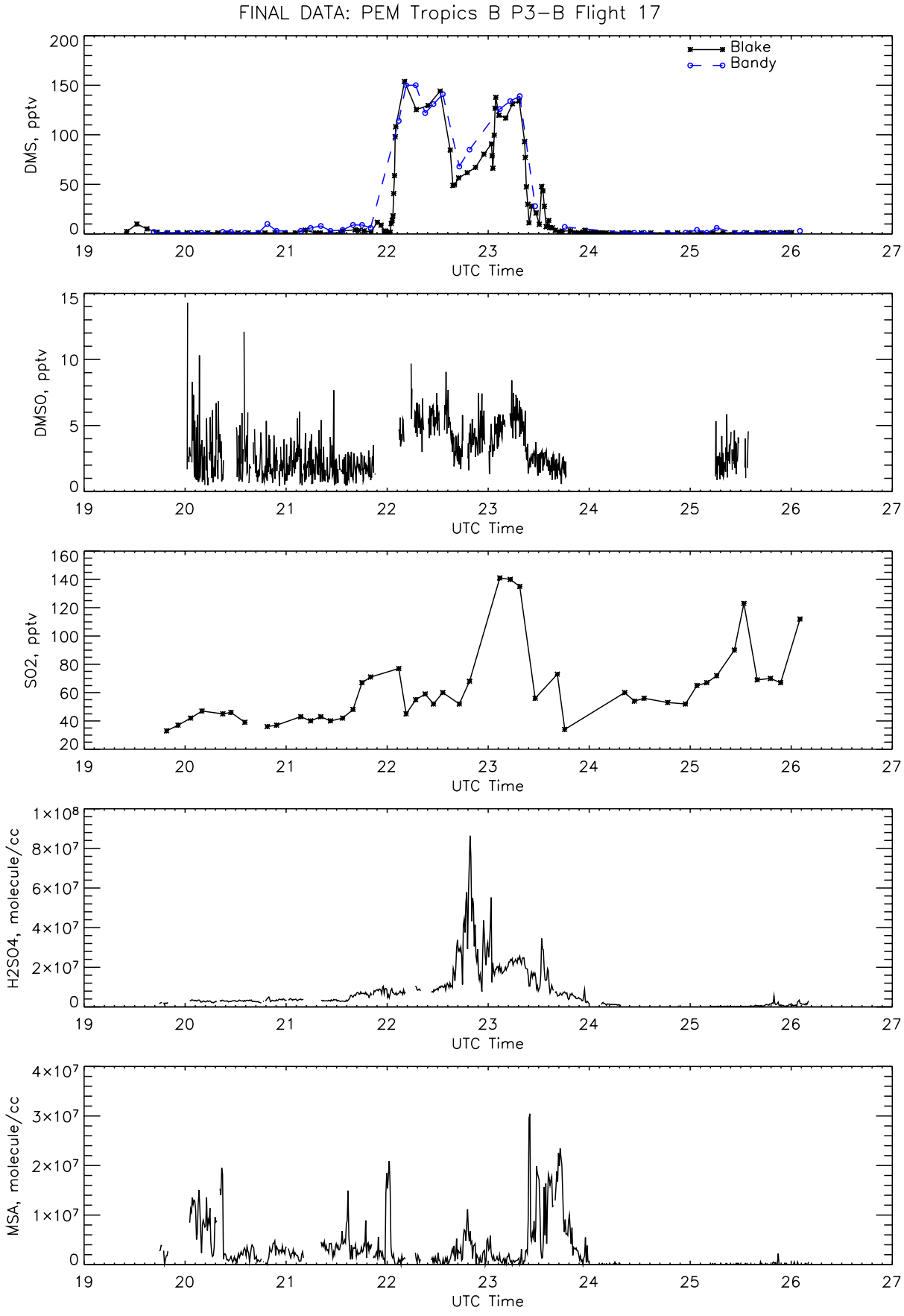




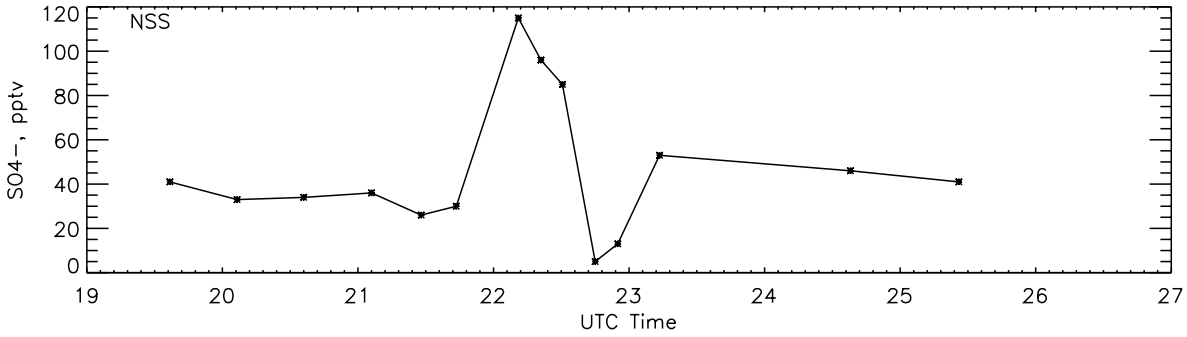


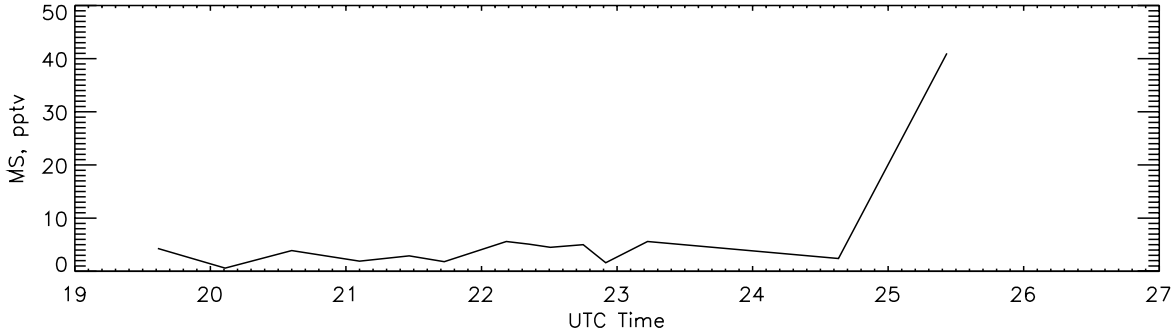


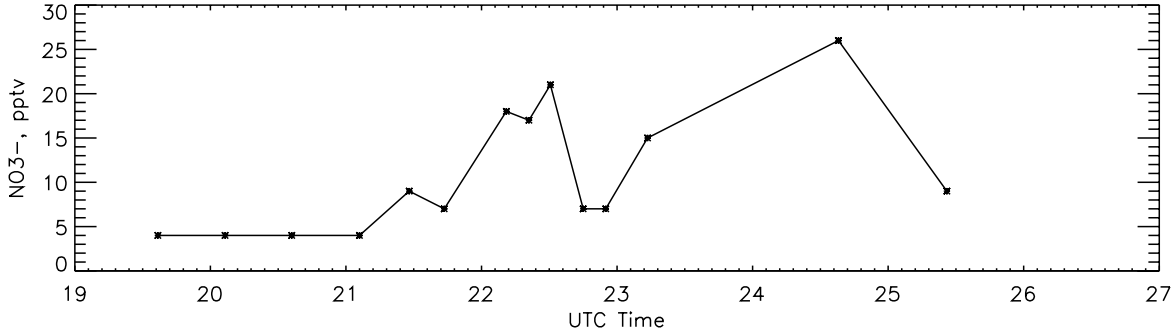


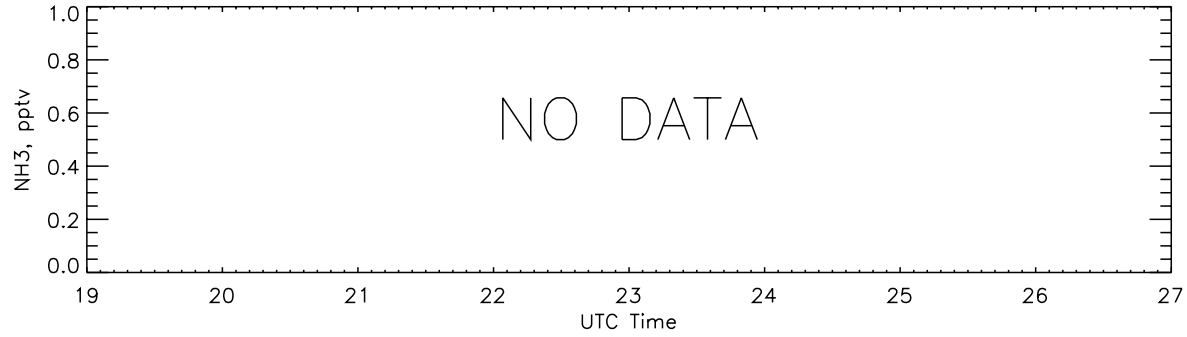

FINAL DATA: PEM Tropics B P3-B Flight 17
Blake
Bandy
DMS, pptv
DMSO, pptv
SO2, pptv
H2SO4, molecule/cc
MSA, molecule/cc
UTC Time

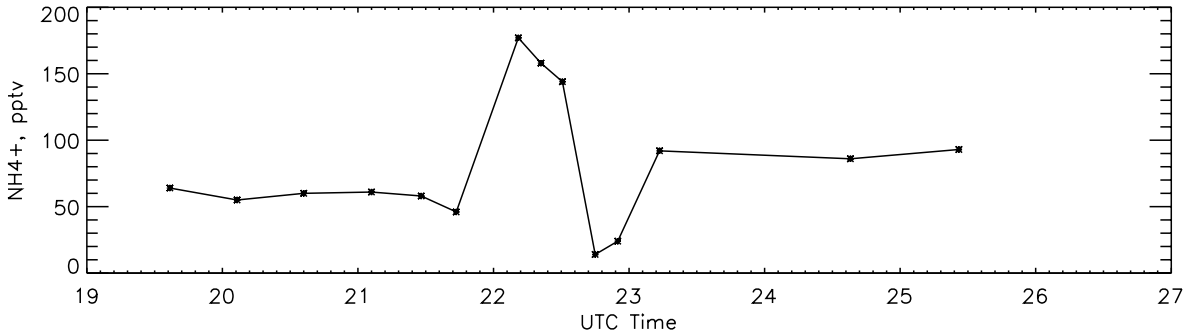
FINAL DATA: PEM Tropics B P3-B Flight 17

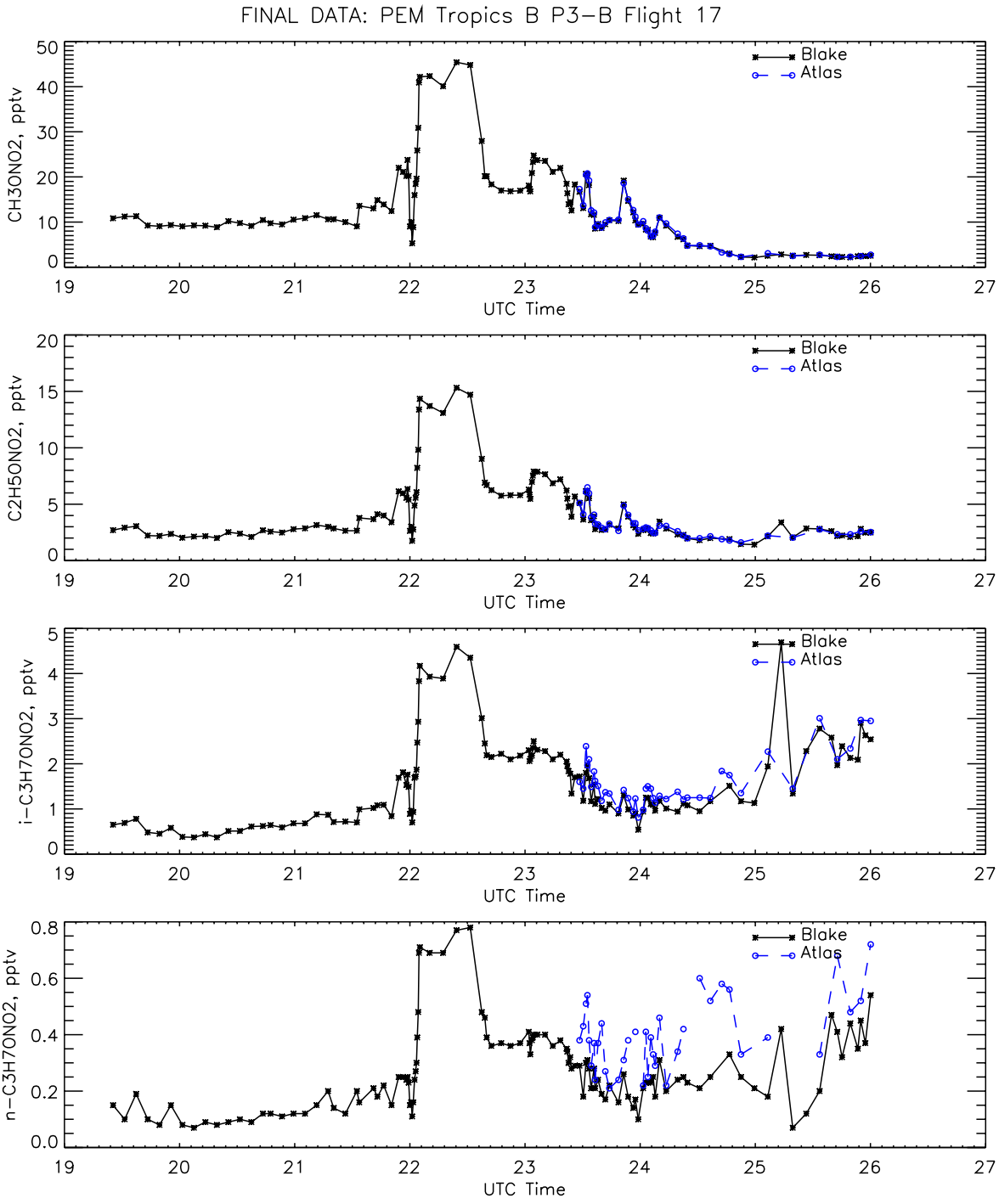




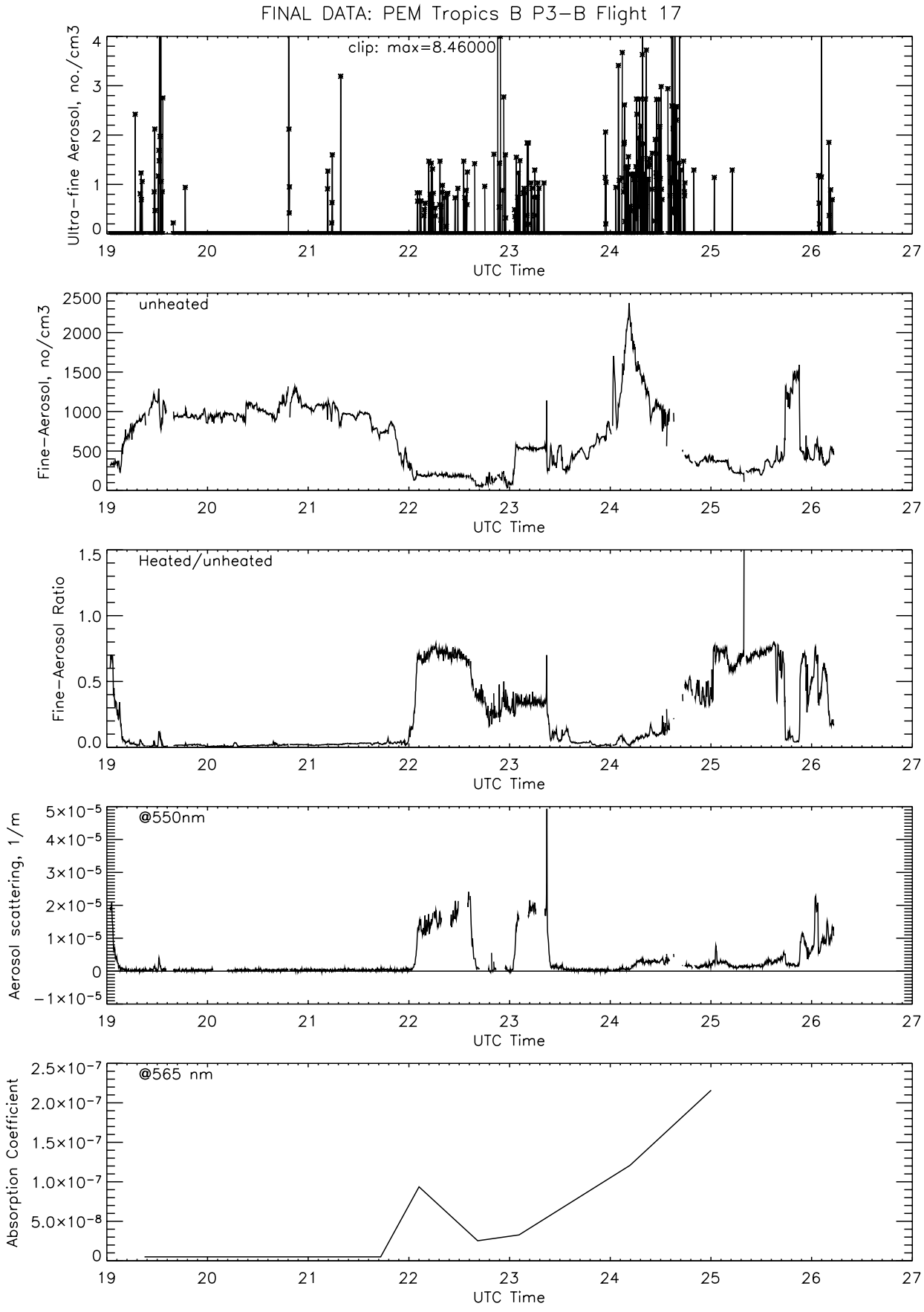




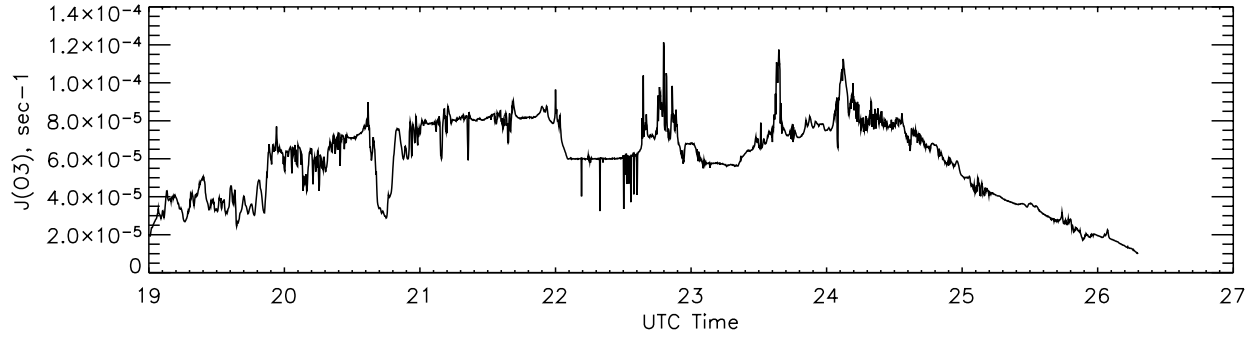


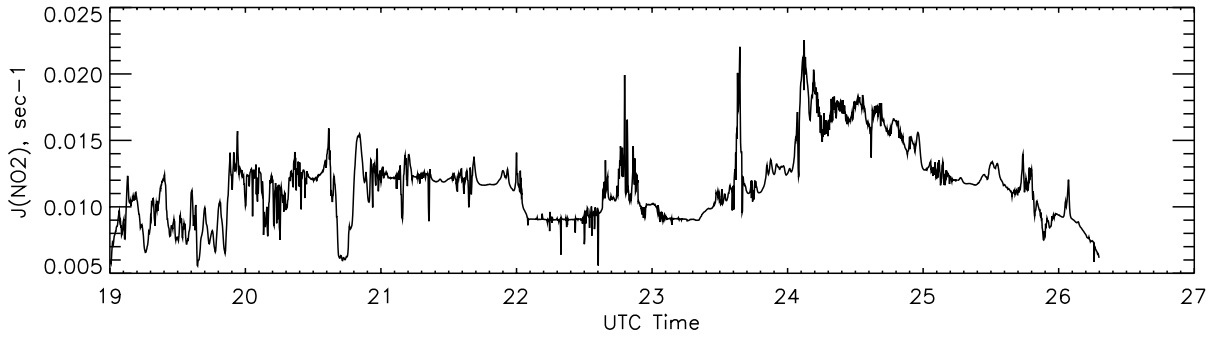

FINAL DATA: PEM Tropics B P3-B Flight 17
CH3ONO2, pptv
C2H5ONO2, pptv
i-C3H7ONO2, pptv
n-C3H7ONO2, pptv
UTC Time
Blake
Atlas

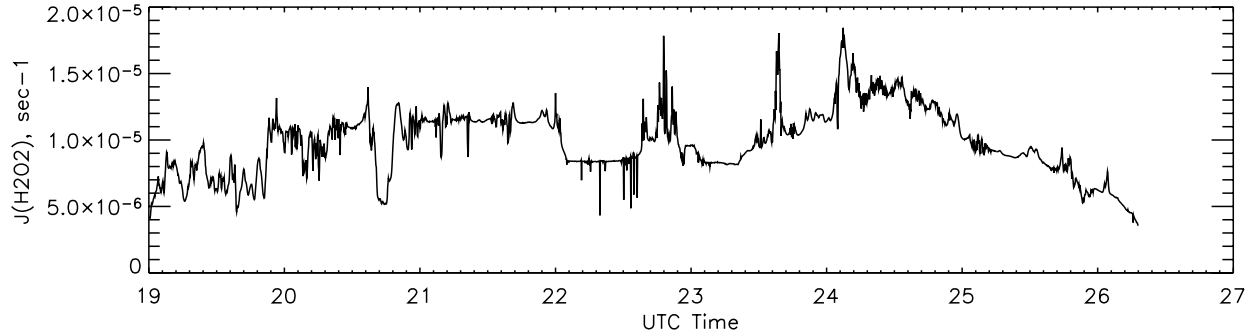
LEFT BLANK

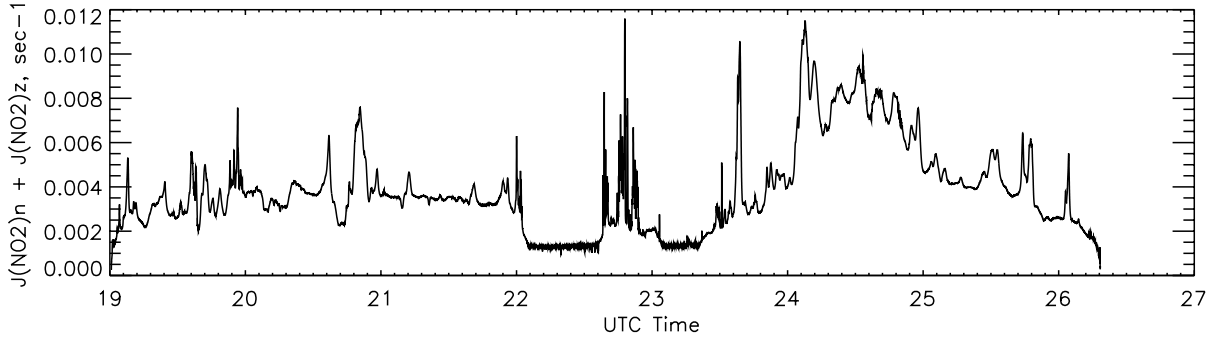

FINAL DATA: PEM Tropics B P3-B Flight 17
clip: max=8.46000
Ultra-fine Aerosol, no./cm3
UTC Time
unheated
Fine-Aerosol, no/cm3
UTC Time
Heated/unheated
Fine-Aerosol Ratio
UTC Time
@550nm
Aerosol scattering, 1/m
UTC Time
@565 nm
Absorption Coefficient
UTC Time

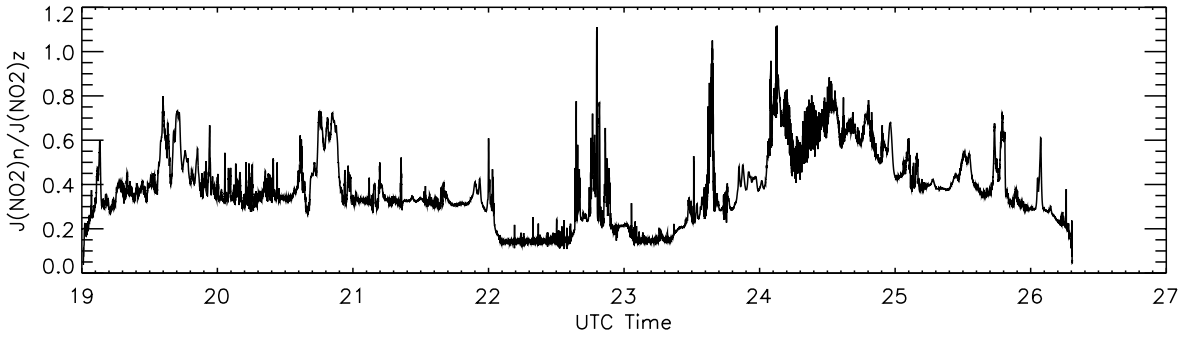
FINAL DATA: PEM Tropics B P3-B Flight 17

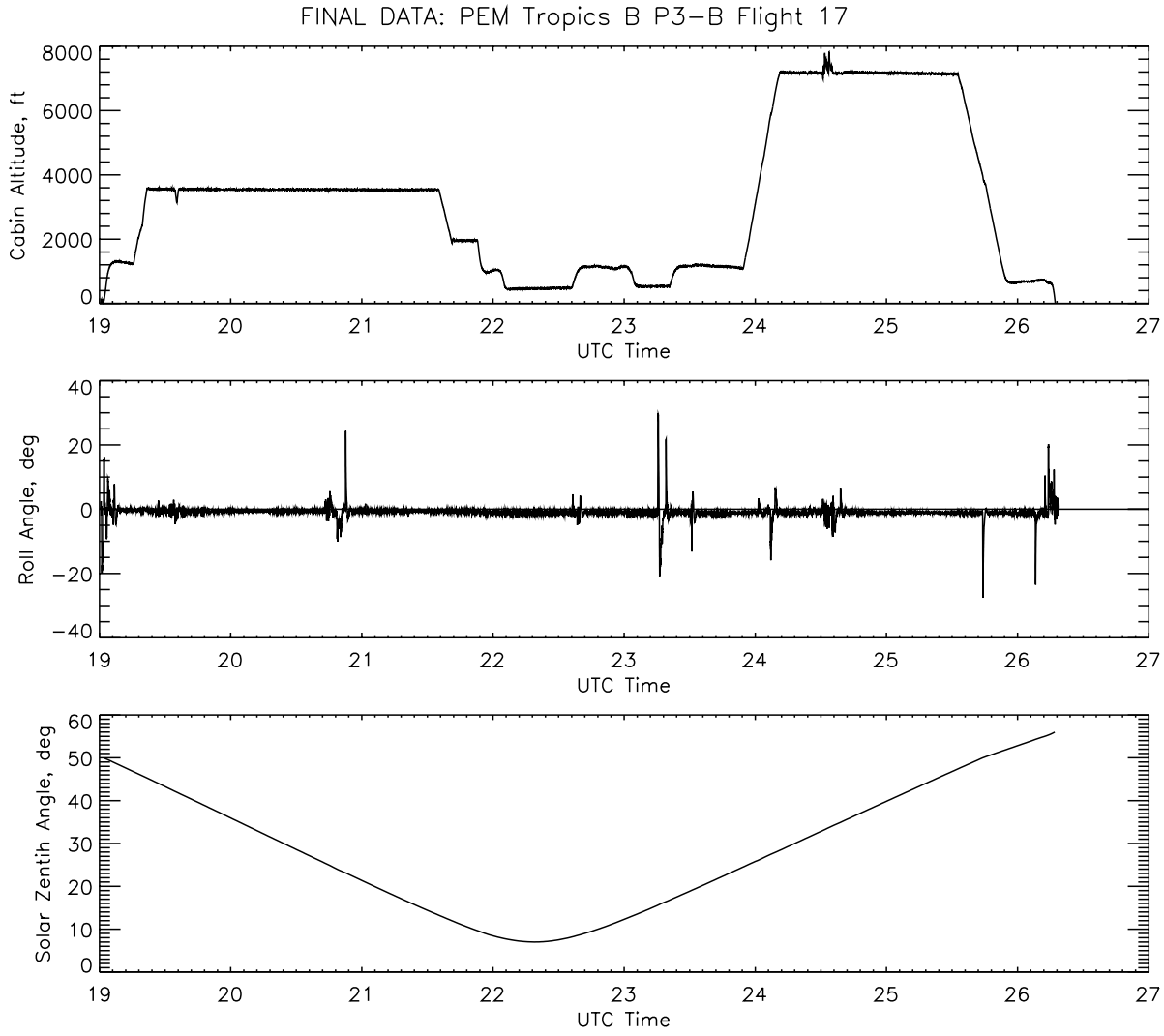











FINAL DATA: PEM Tropics B P3-B Flight 17
Cabin Altitude, ft
8000
6000
4000
2000
0
19
20
21
22
23
24
25
26
27
UTC Time
Roll Angle, deg
40
20
0
−20
−40
19
20
21
22
23
24
25
26
27
UTC Time
Solar Zenith Angle, deg
60
50
40
30
20
10
0
19
20
21
22
23
24
25
26
27
UTC Time