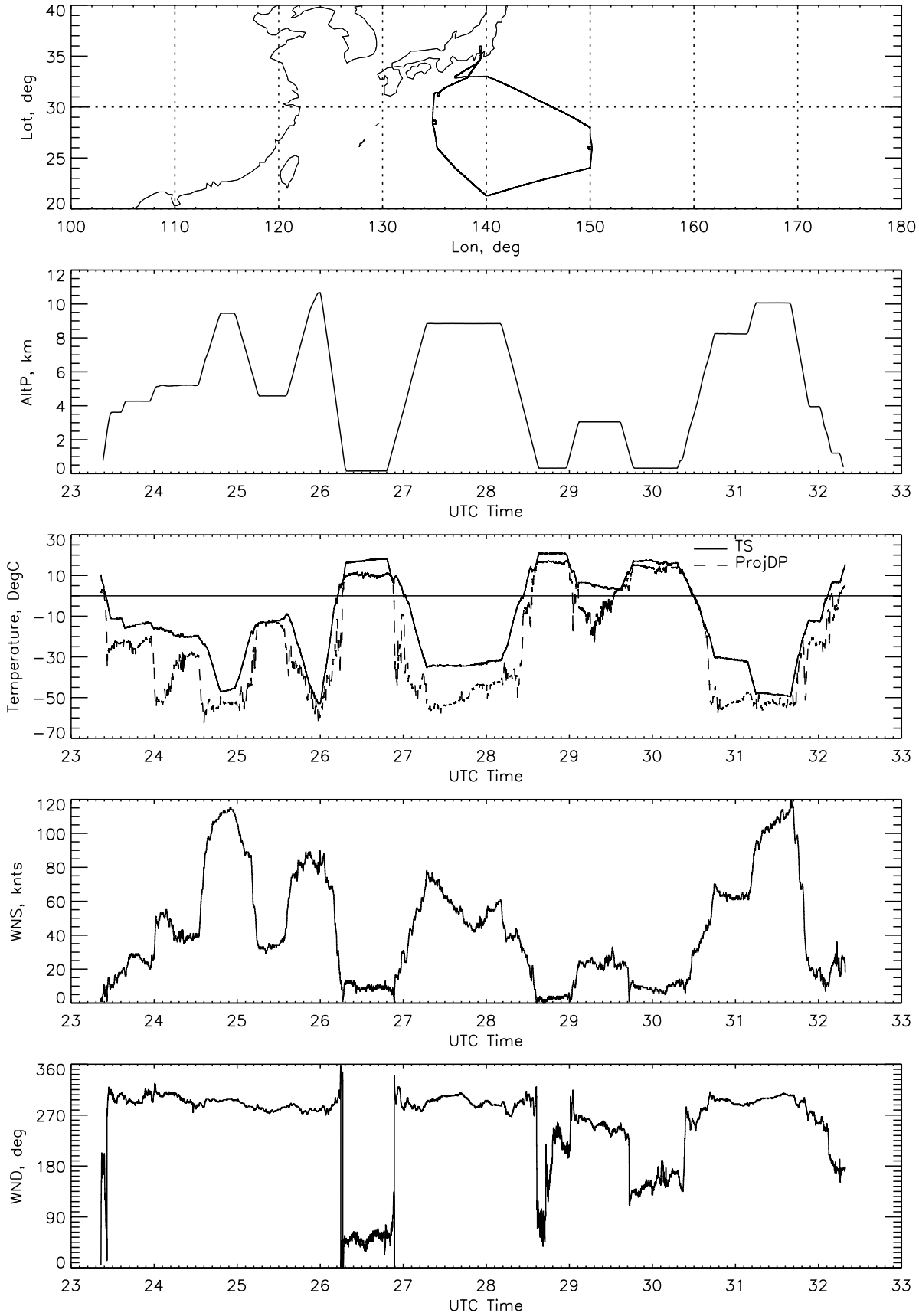
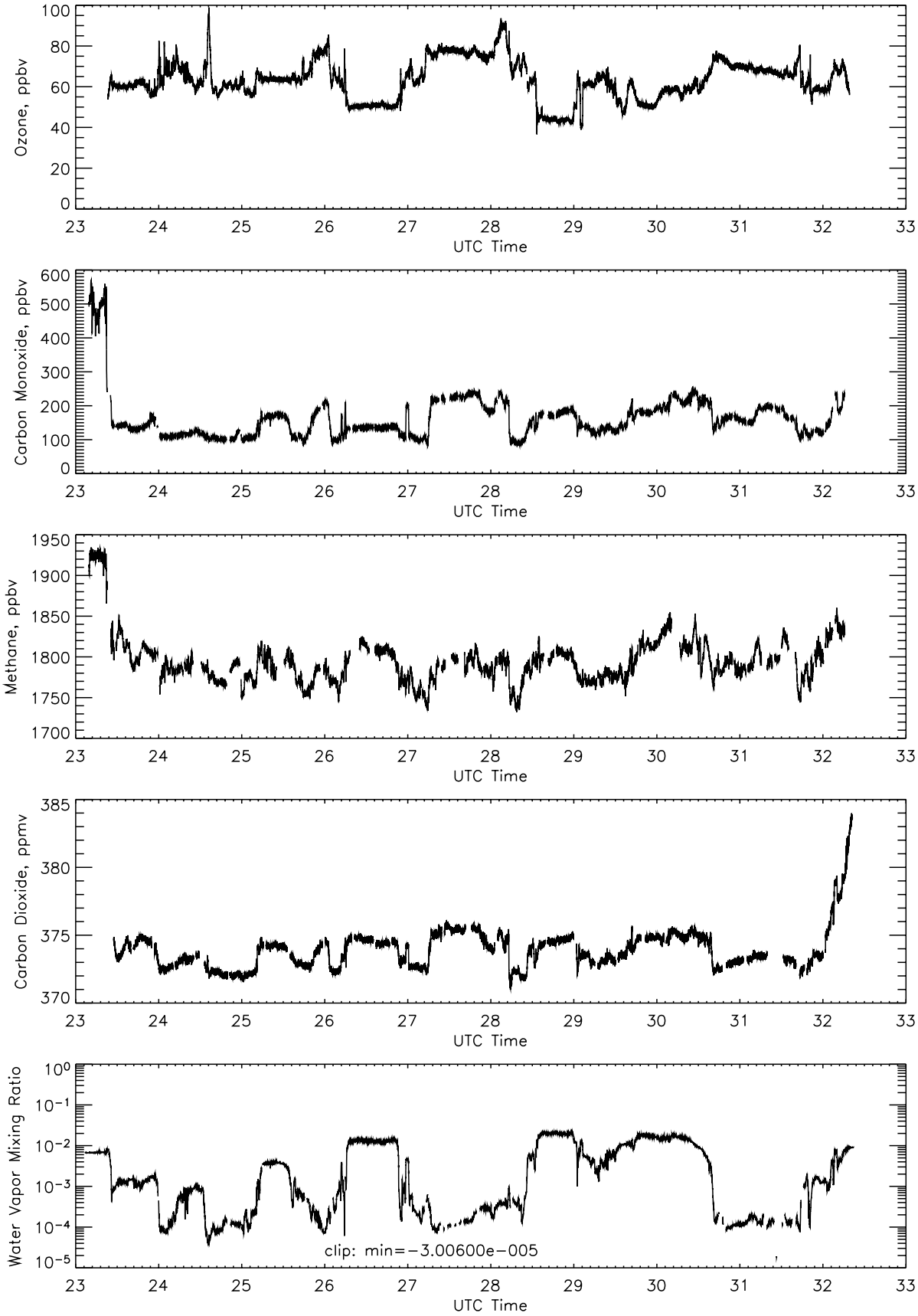
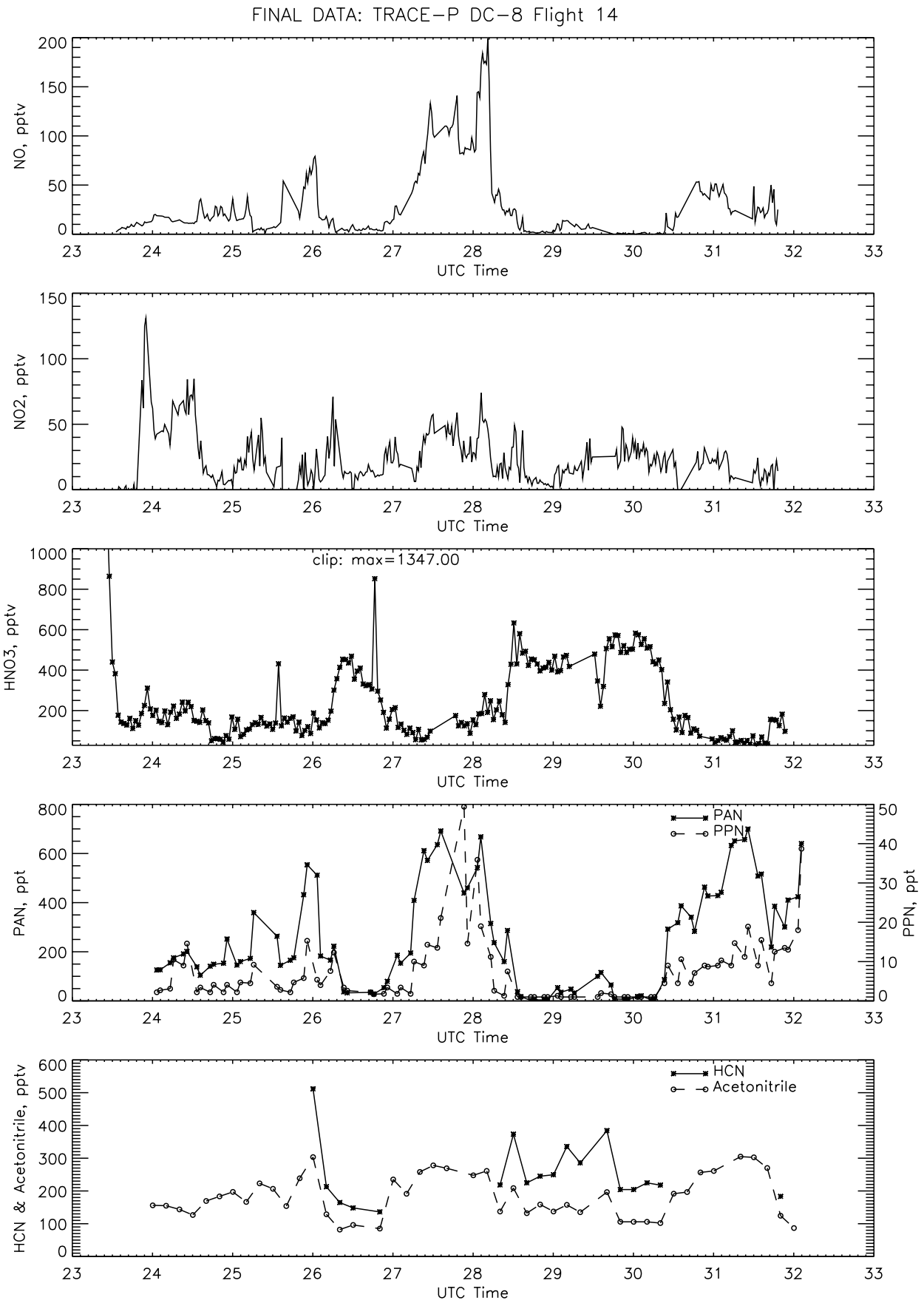
FINAL DATA: TRACE-P DC-8 Flight 14

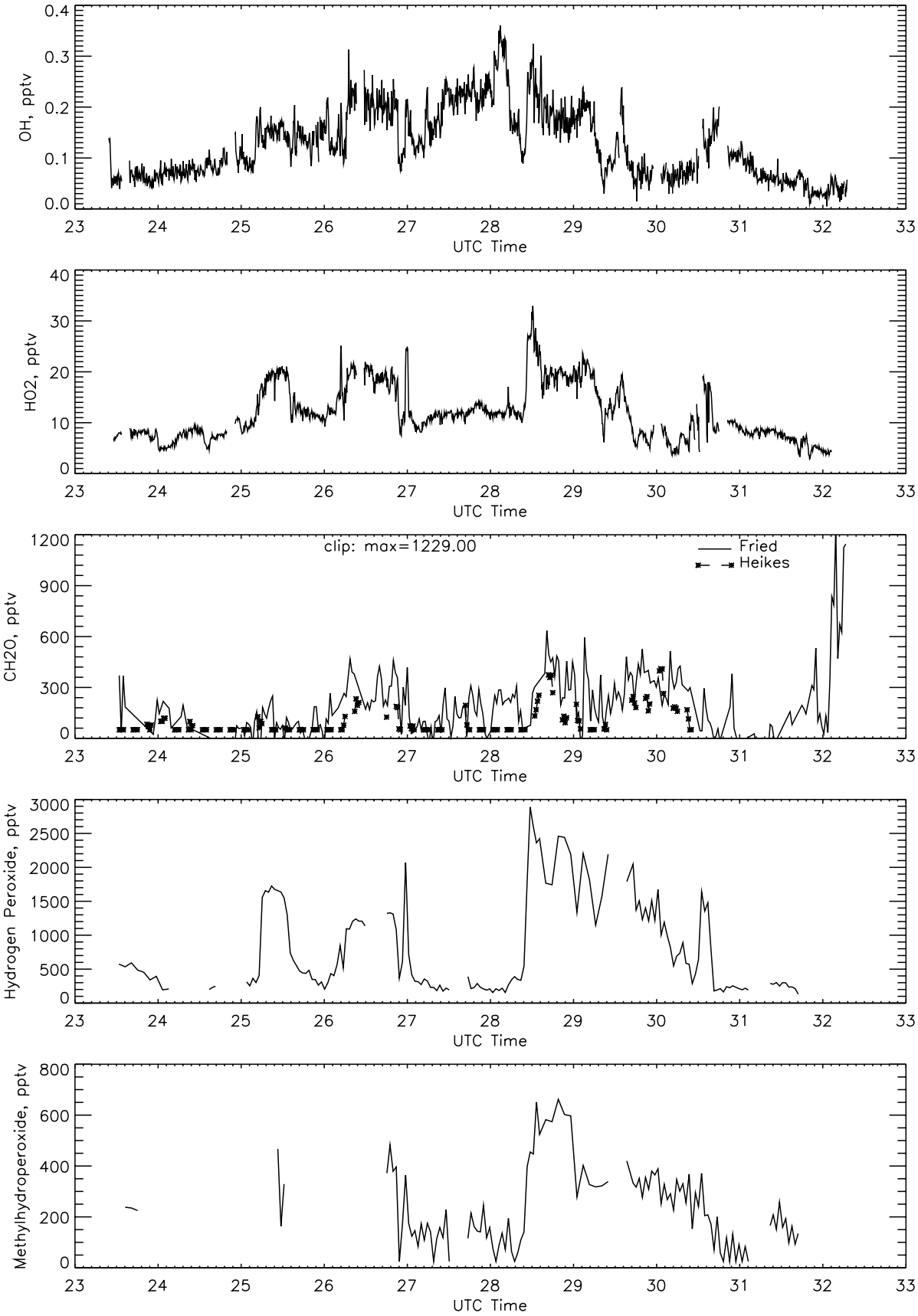


FINAL DATA: TRACE-P DC-8 Flight 14

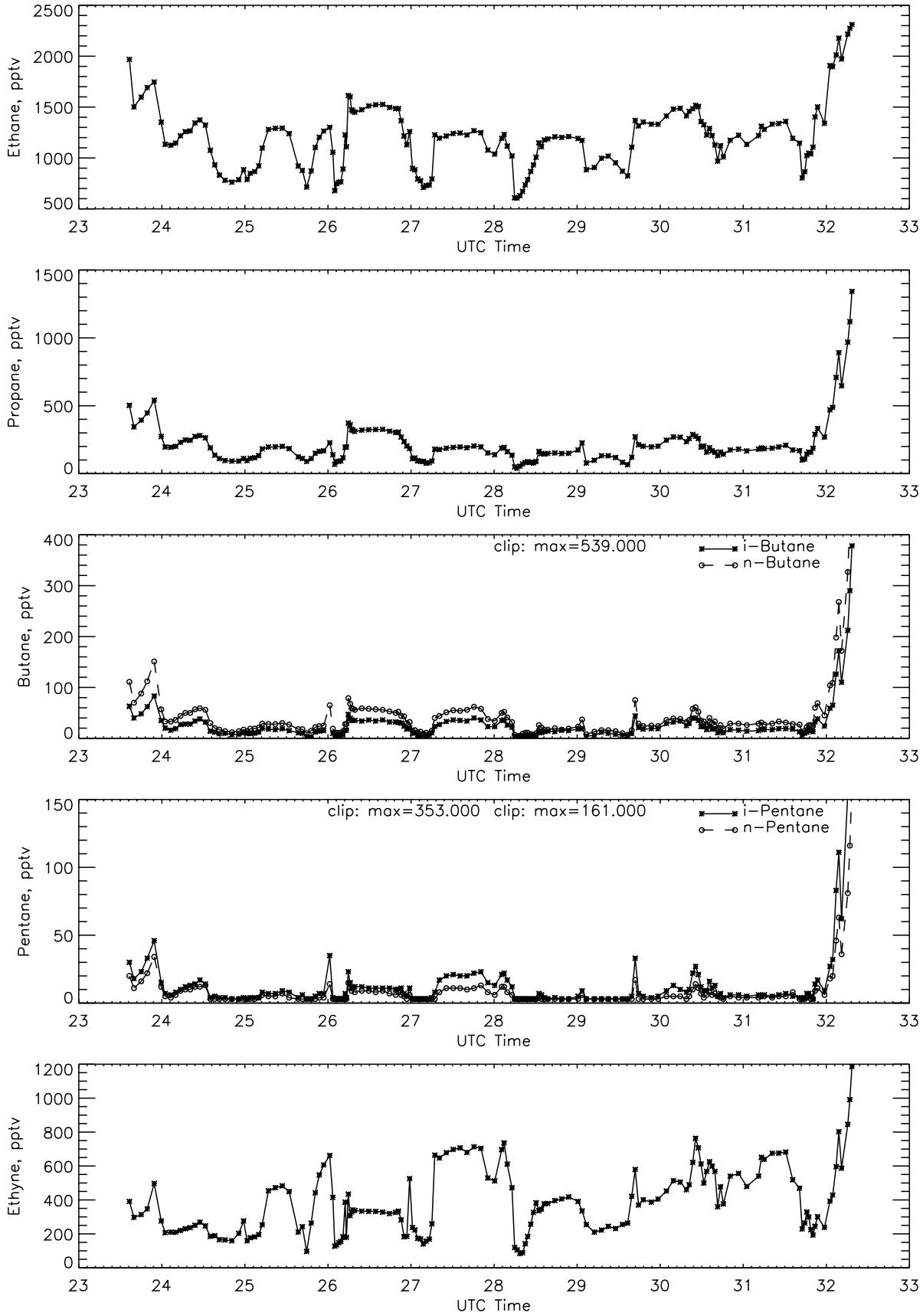



FINAL DATA: TRACE-P DC-8 Flight 14
NO, pptv
NO2, pptv
HNO3, pptv
clip: max=1347.00
PAN, ppt
PPN, ppt
PAN
PPN
HCN & Acetonitrile, pptv
HCN
Acetonitrile
UTC Time

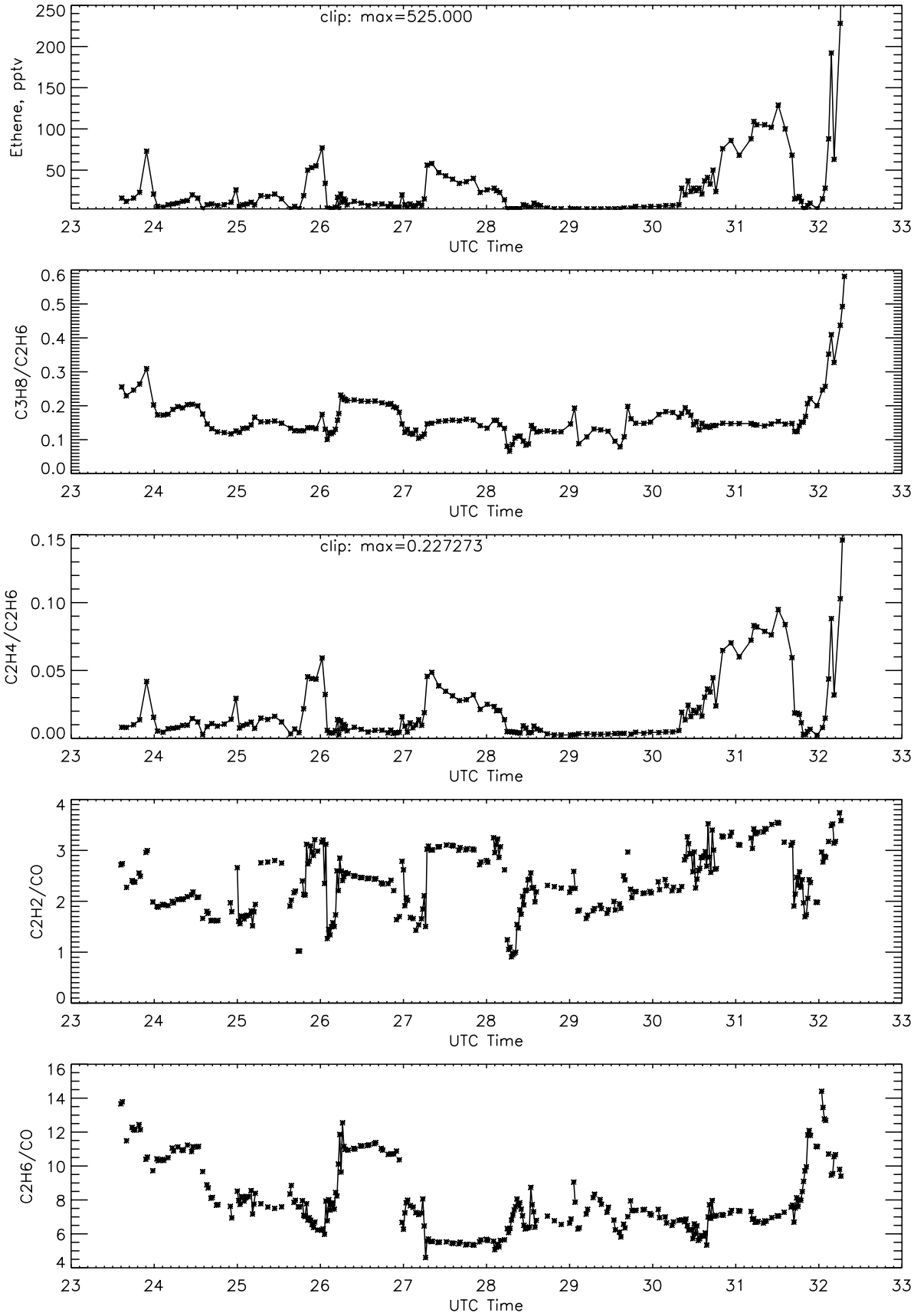
FINAL DATA: TRACE-P DC-8 Flight 14



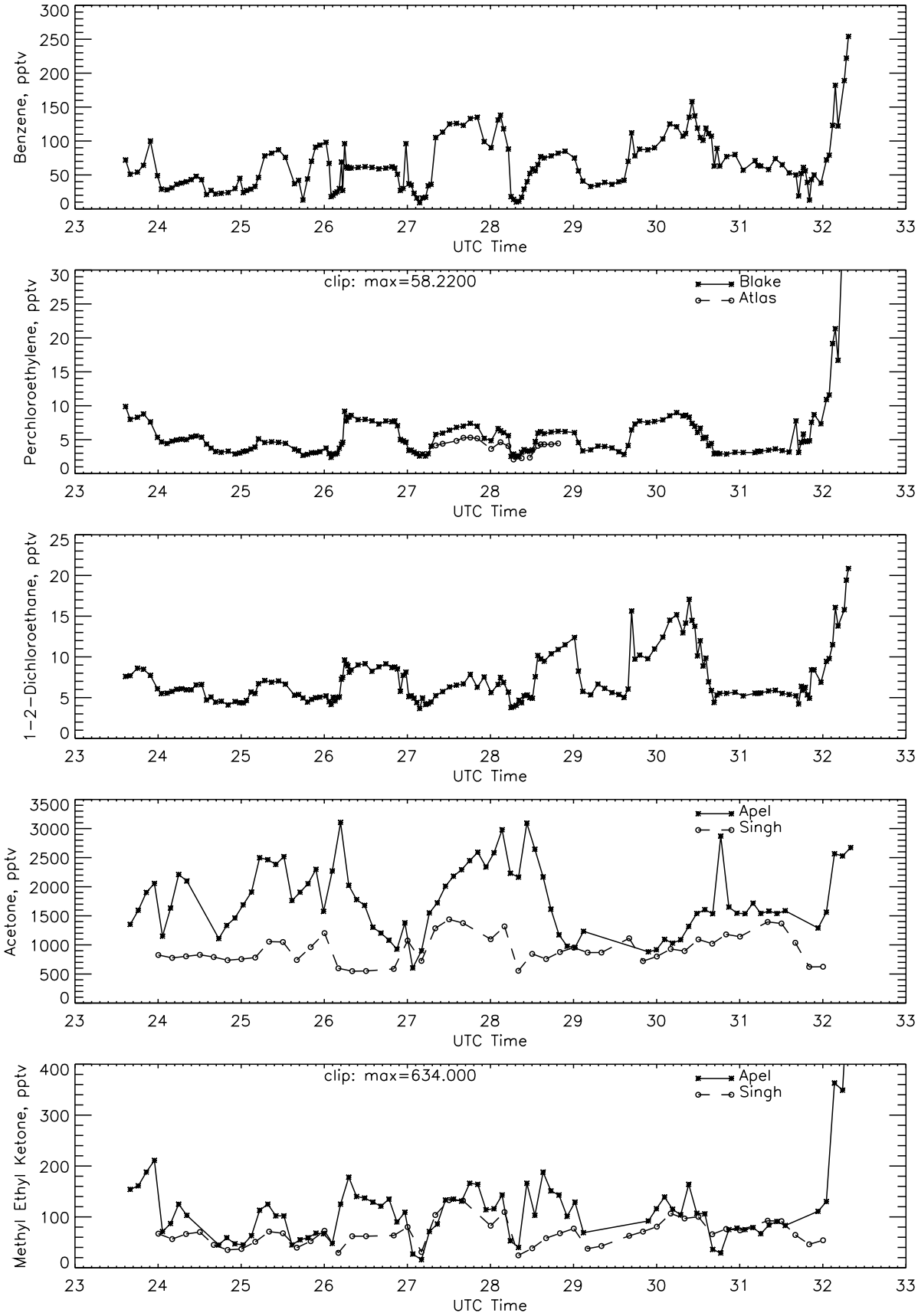
FINAL DATA: TRACE-P DC-8 Flight 14

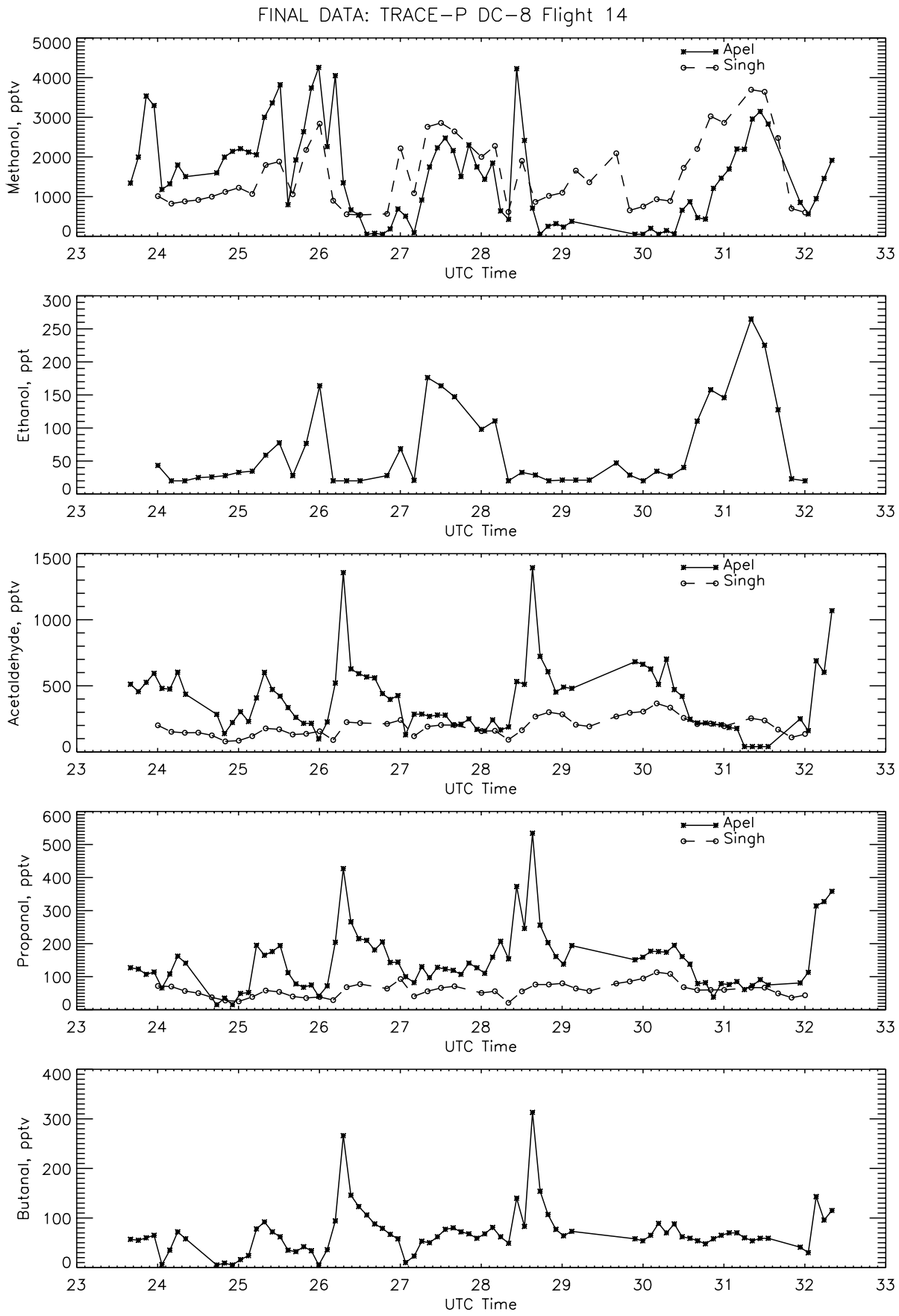


FINAL DATA: TRACE-P DC-8 Flight 14

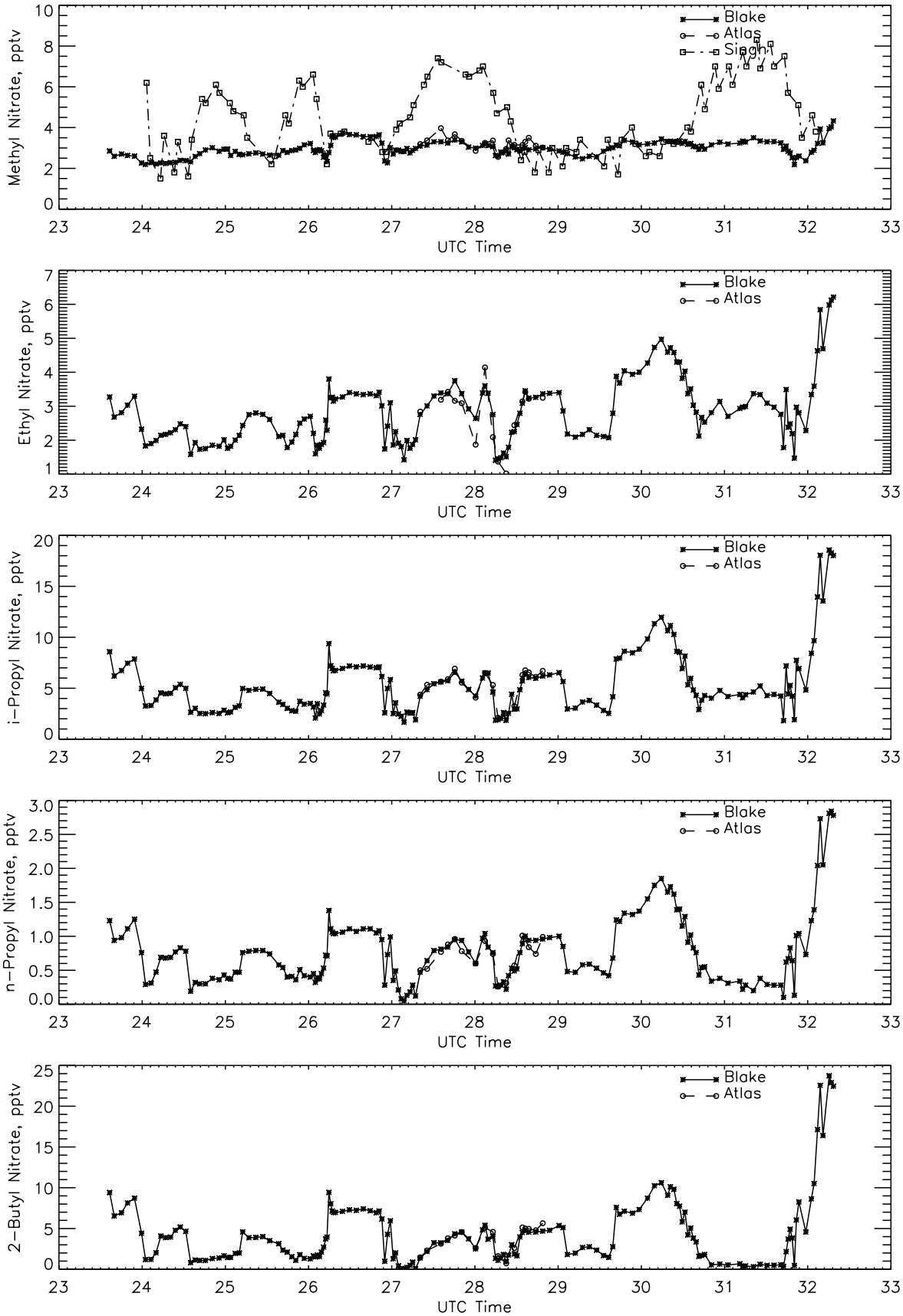


FINAL DATA: TRACE-P DC-8 Flight 14

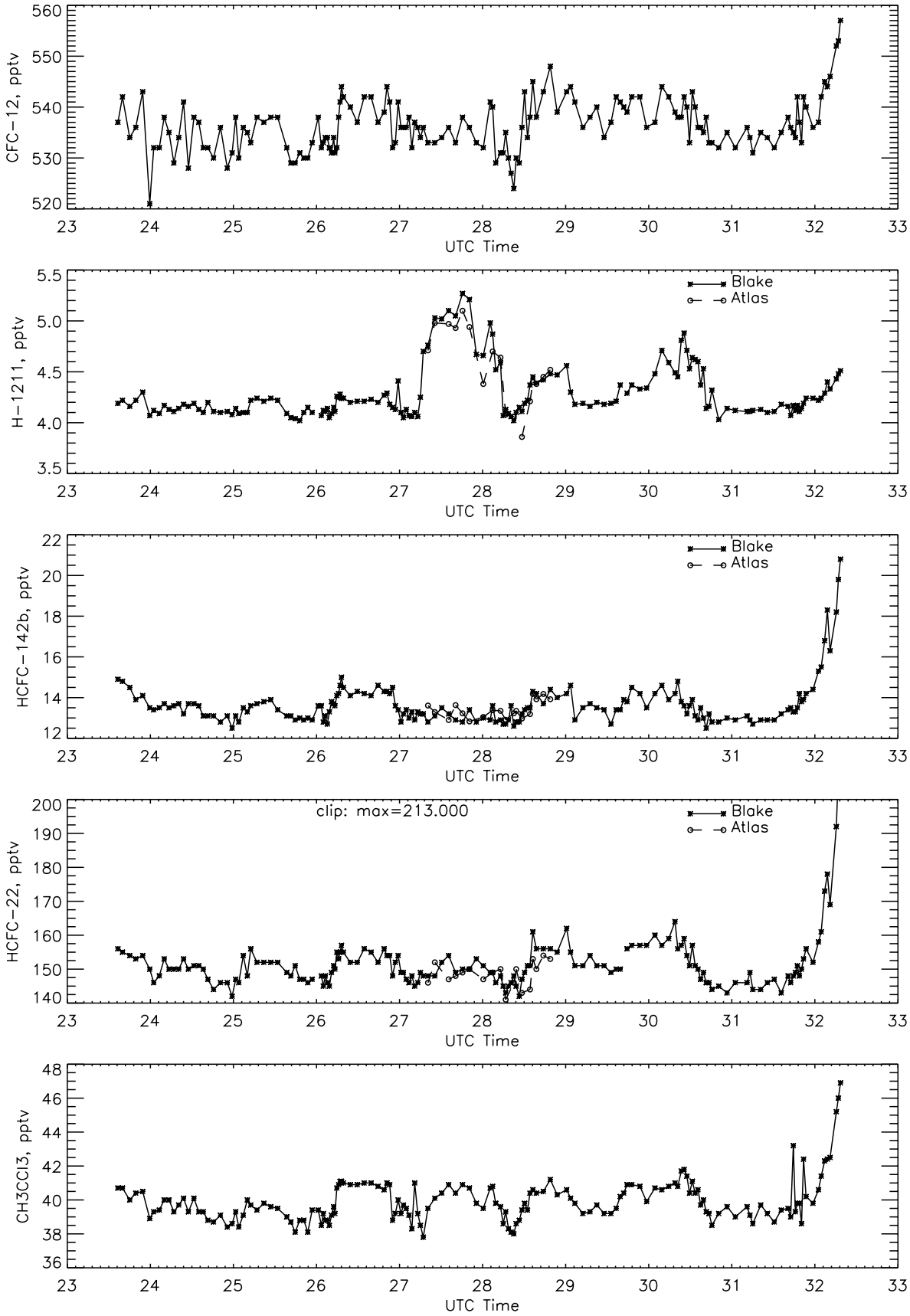



FINAL DATA: TRACE-P DC-8 Flight 14
Methanol, pptv
Apel
Singh
UTC Time
Ethanol, ppt
UTC Time
Acetaldehyde, pptv
Apel
Singh
UTC Time
Propanal, pptv
Apel
Singh
UTC Time
Butanal, pptv
UTC Time

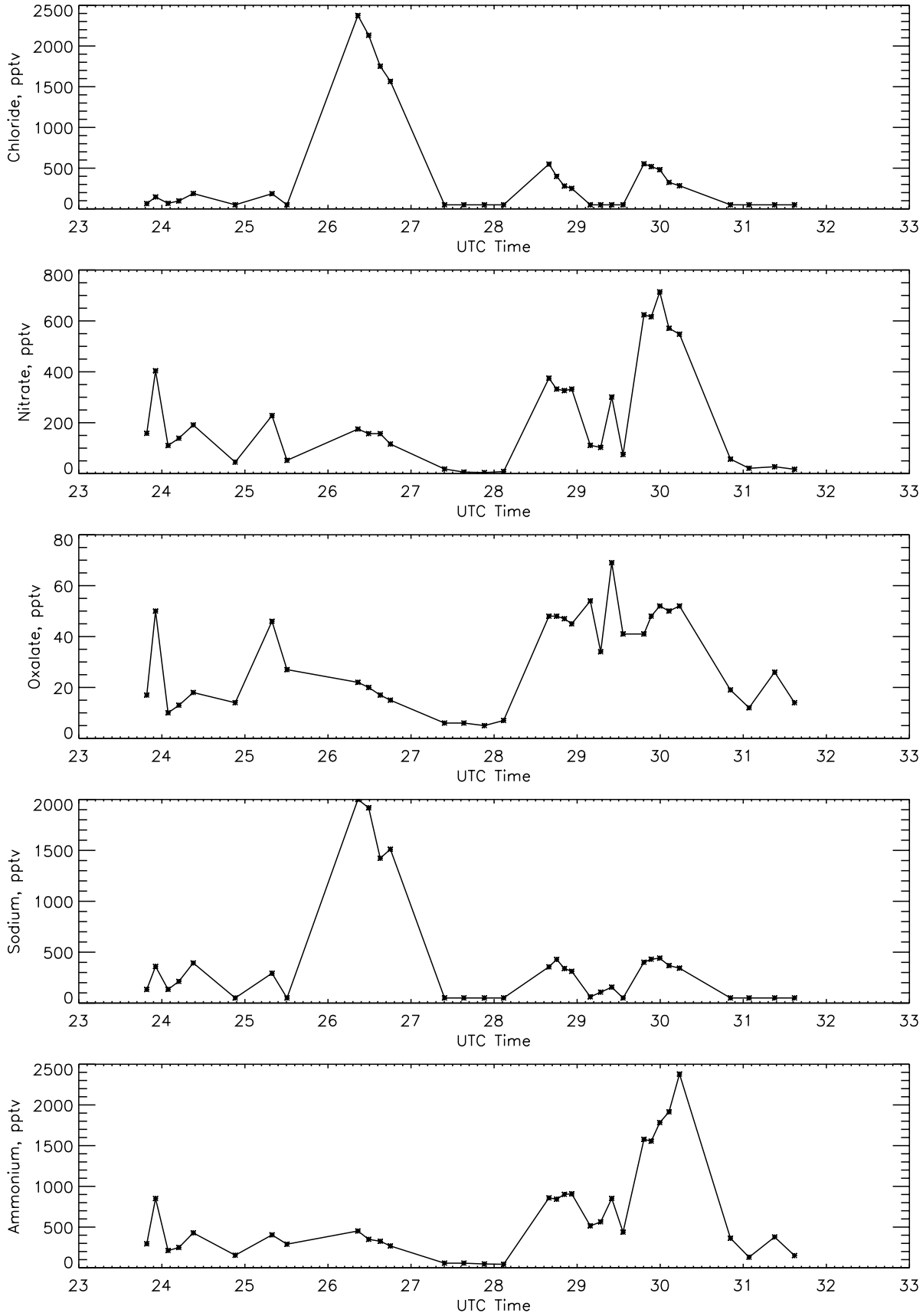
FINAL DATA: TRACE-P DC-8 Flight 14



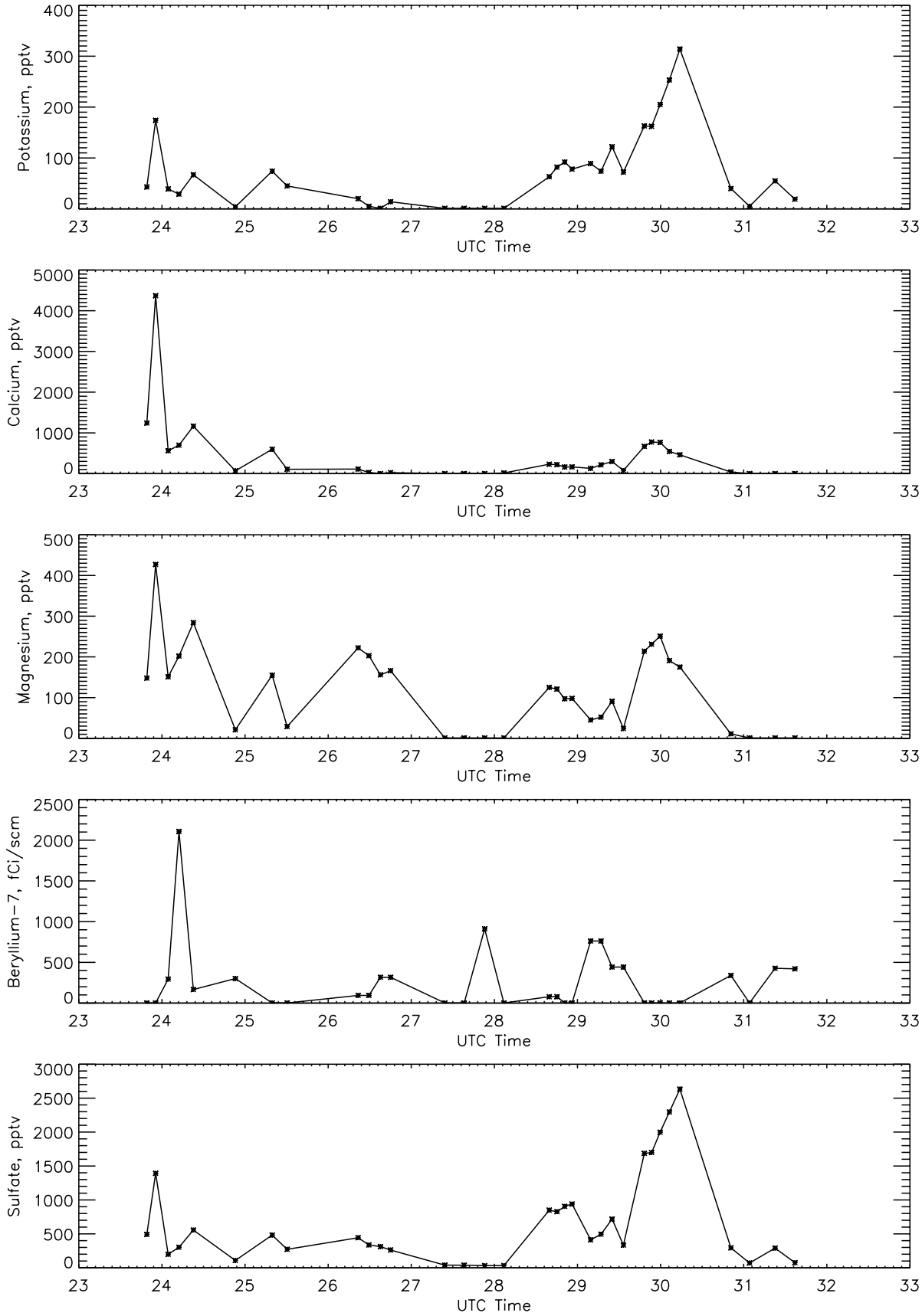
FINAL DATA: TRACE-P DC-8 Flight 14

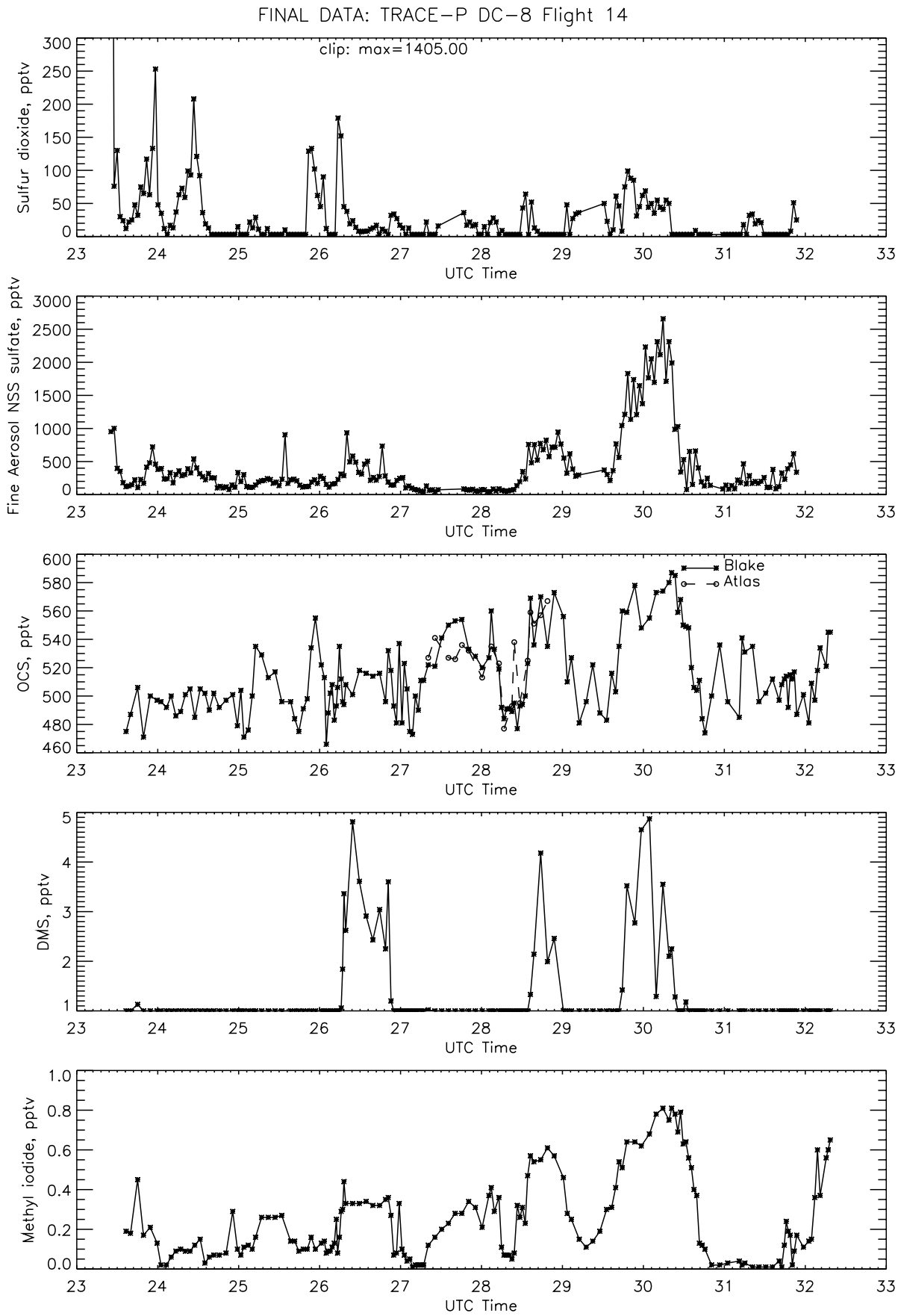


FINAL DATA: TRACE-P DC-8 Flight 14



FINAL DATA: TRACE-P DC-8 Flight 14




FINAL DATA: TRACE-P DC-8 Flight 14
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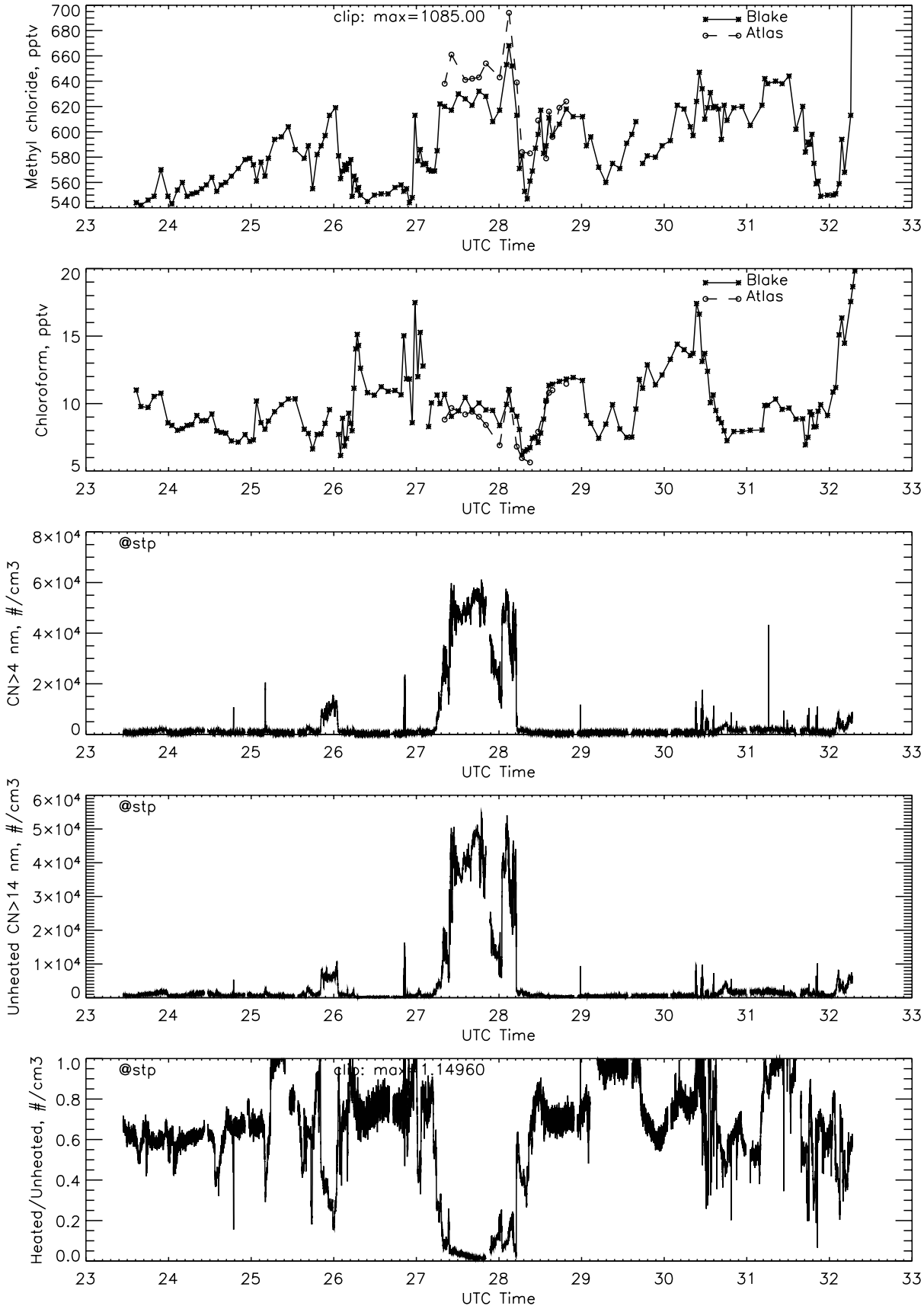
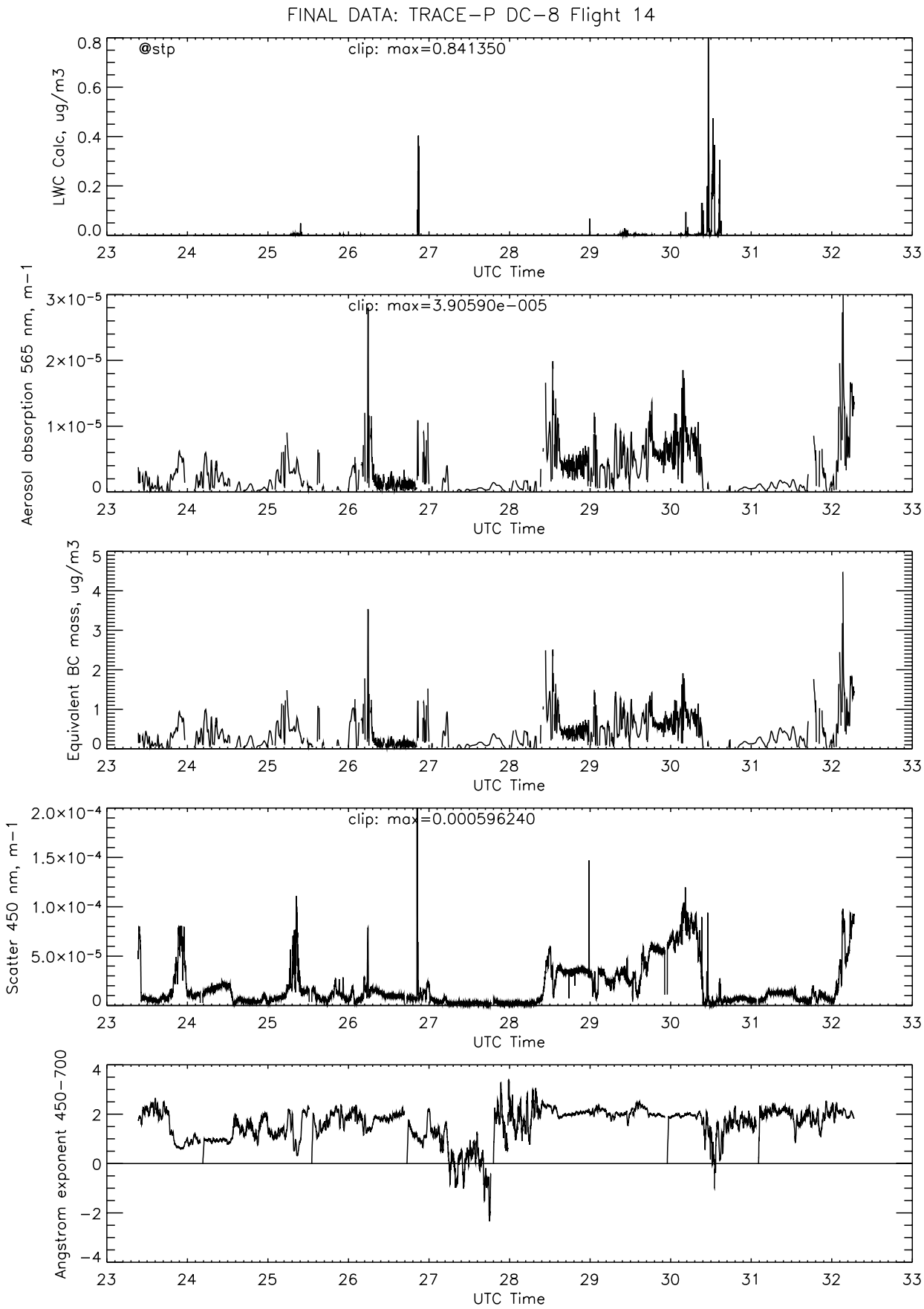
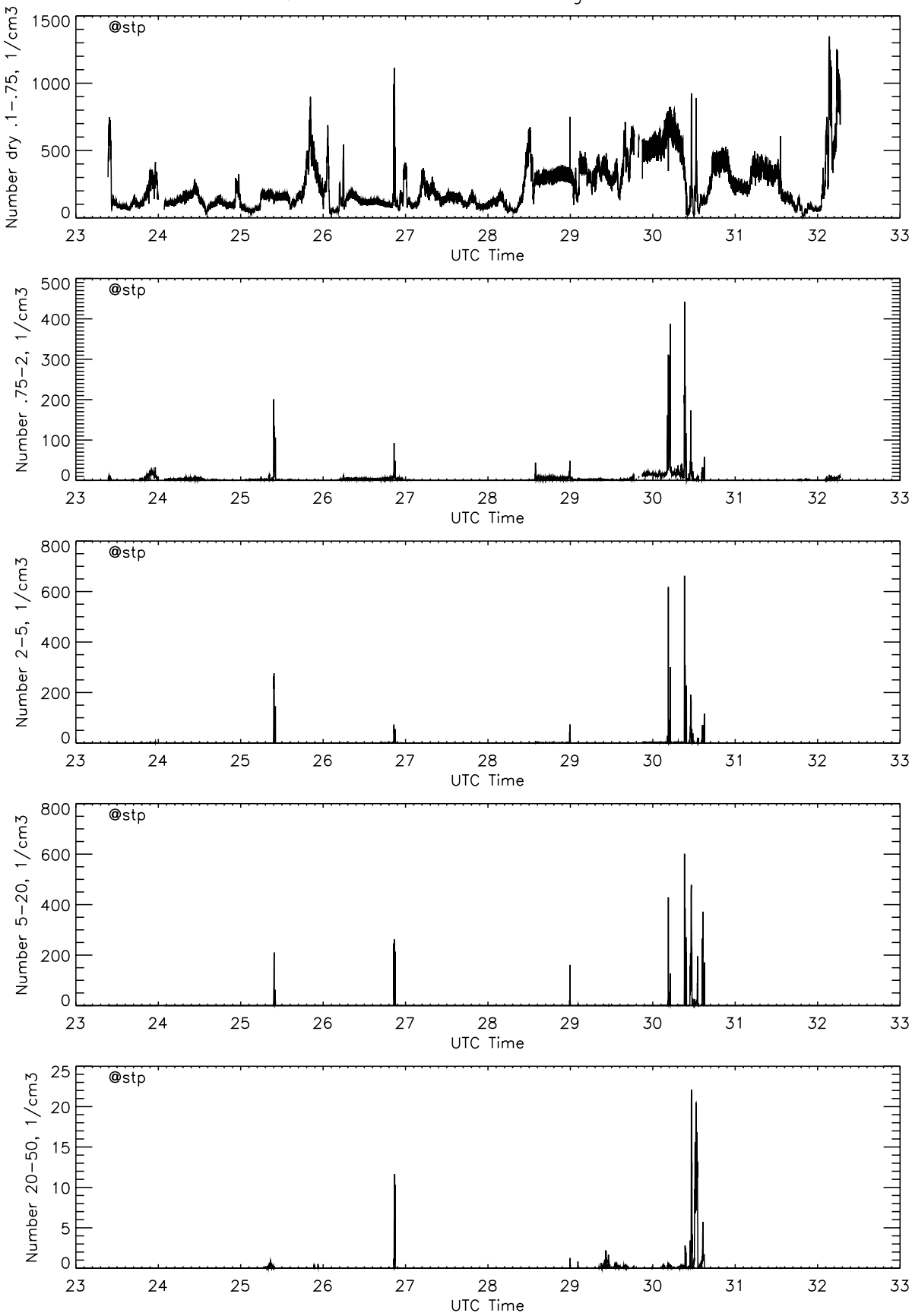
Sulfur dioxide, pptv
UTC Time
Fine Aerosol NSS sulfate, pptv
UTC Time
Blake
Atlas
OCS, pptv
UTC Time
DMS, pptv
UTC Time
Methyl iodide, pptv
UTC Time

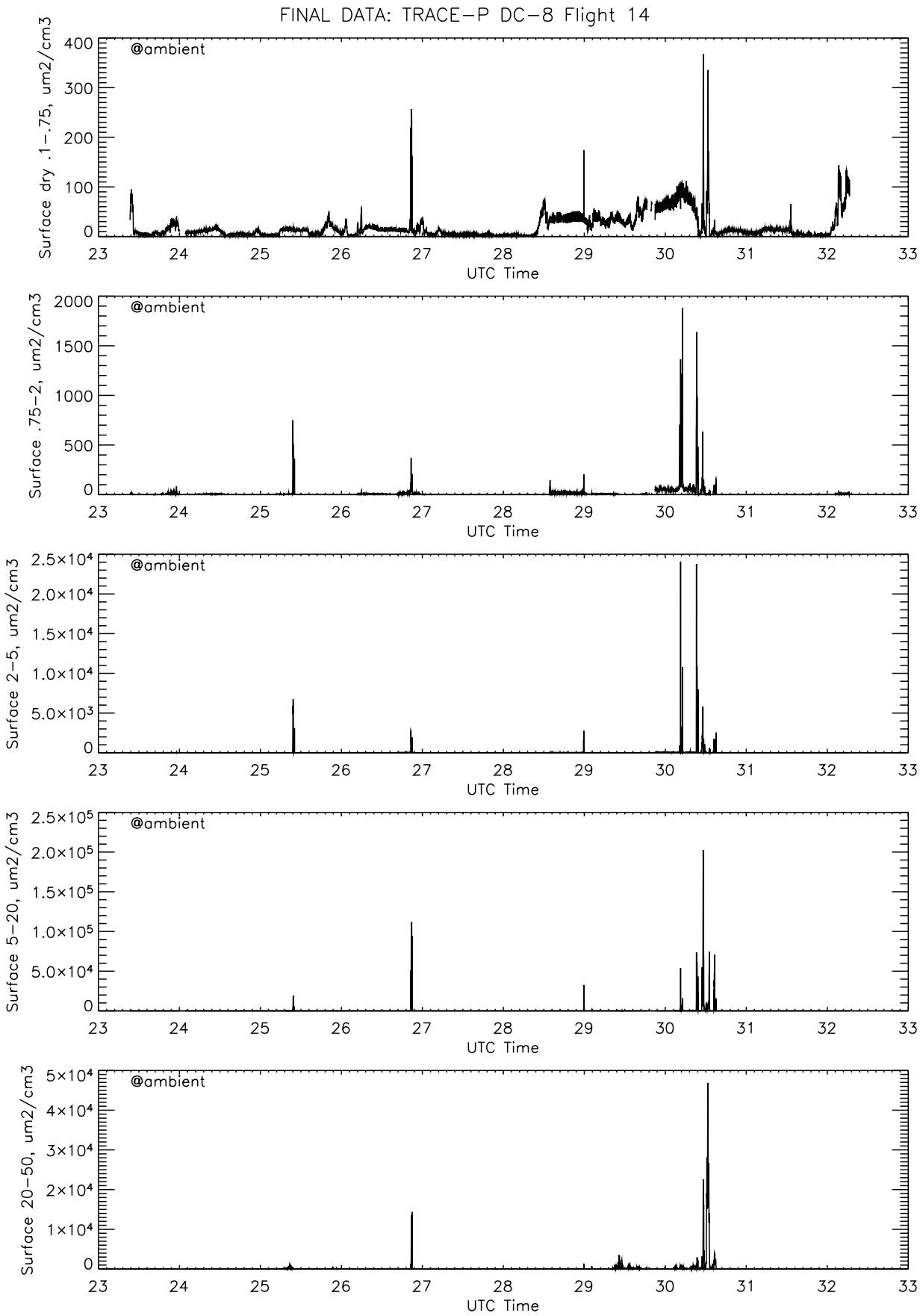
FINAL DATA: TRACE-P DC-8 Flight 14



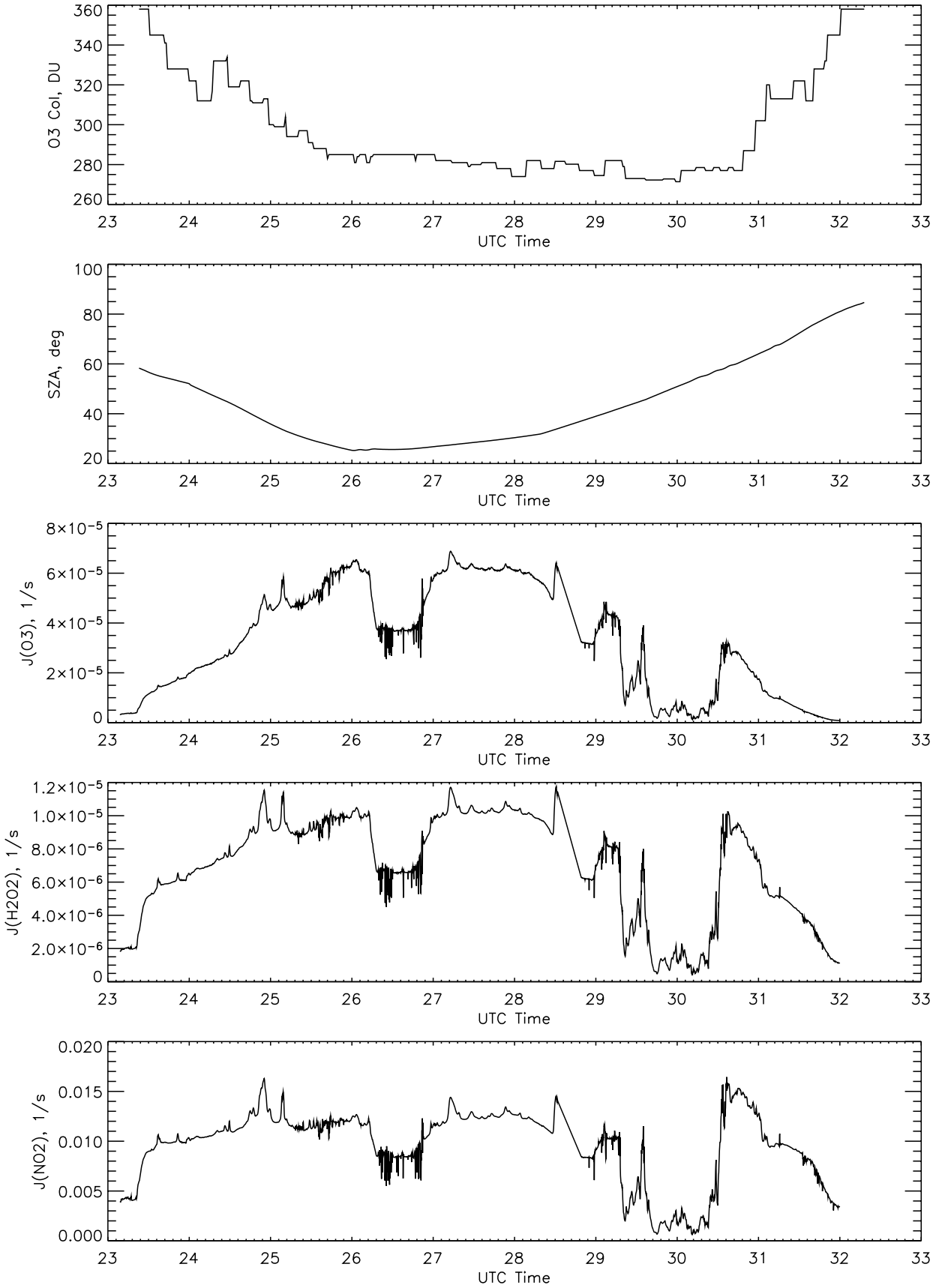

FINAL DATA: TRACE-P DC-8 Flight 14
@stp
clip: max=0.841350
LWC Calc, ug/m3
UTC Time
clip: max=3.90590e-005
Aerosol absorption 565 nm, m-1
UTC Time
Equivalent BC mass, ug/m3
UTC Time
clip: max=0.000596240
Scatter 450 nm, m-1
UTC Time
Angstrom exponent 450-700
UTC Time

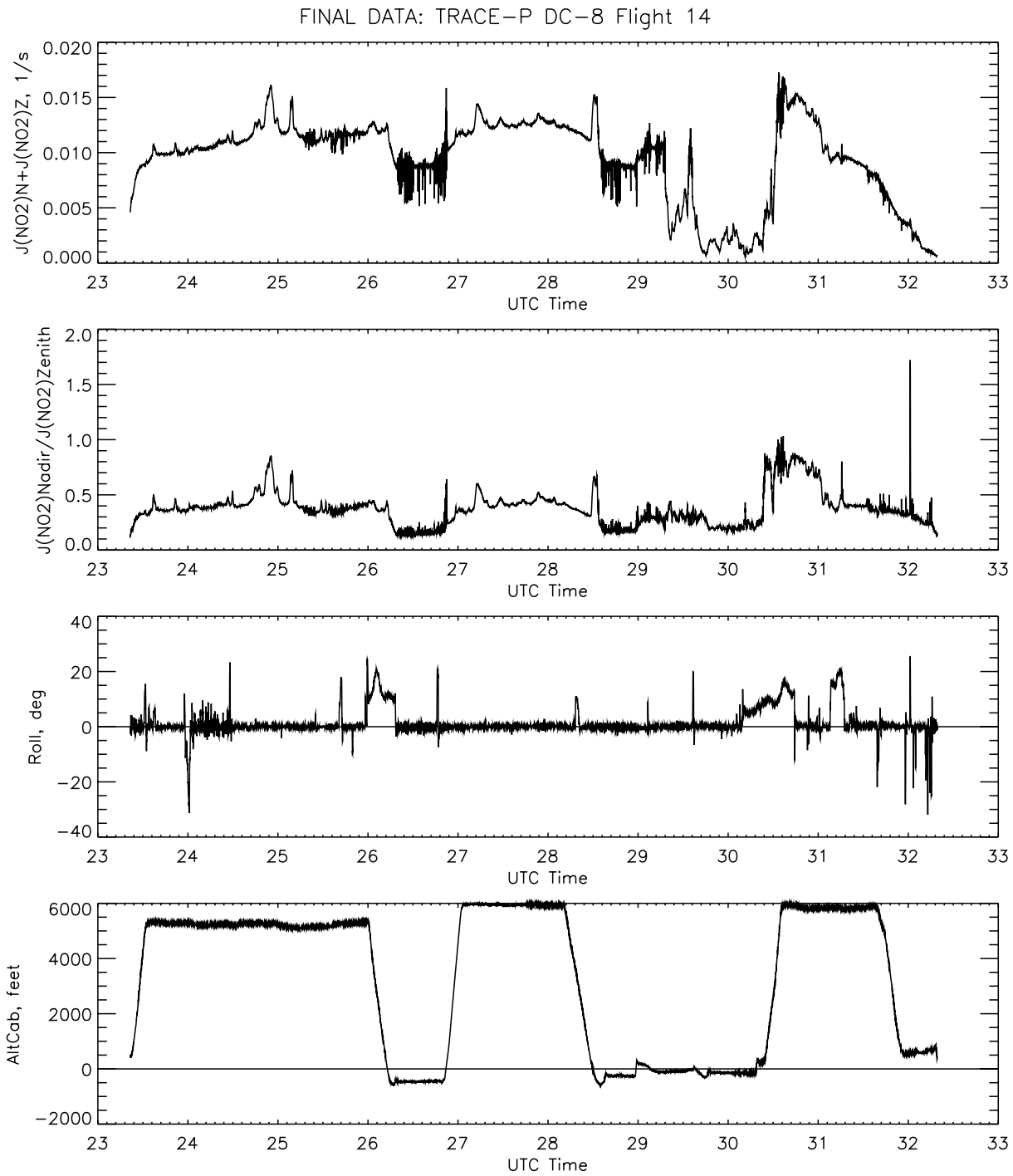
FINAL DATA: TRACE-P DC-8 Flight 14

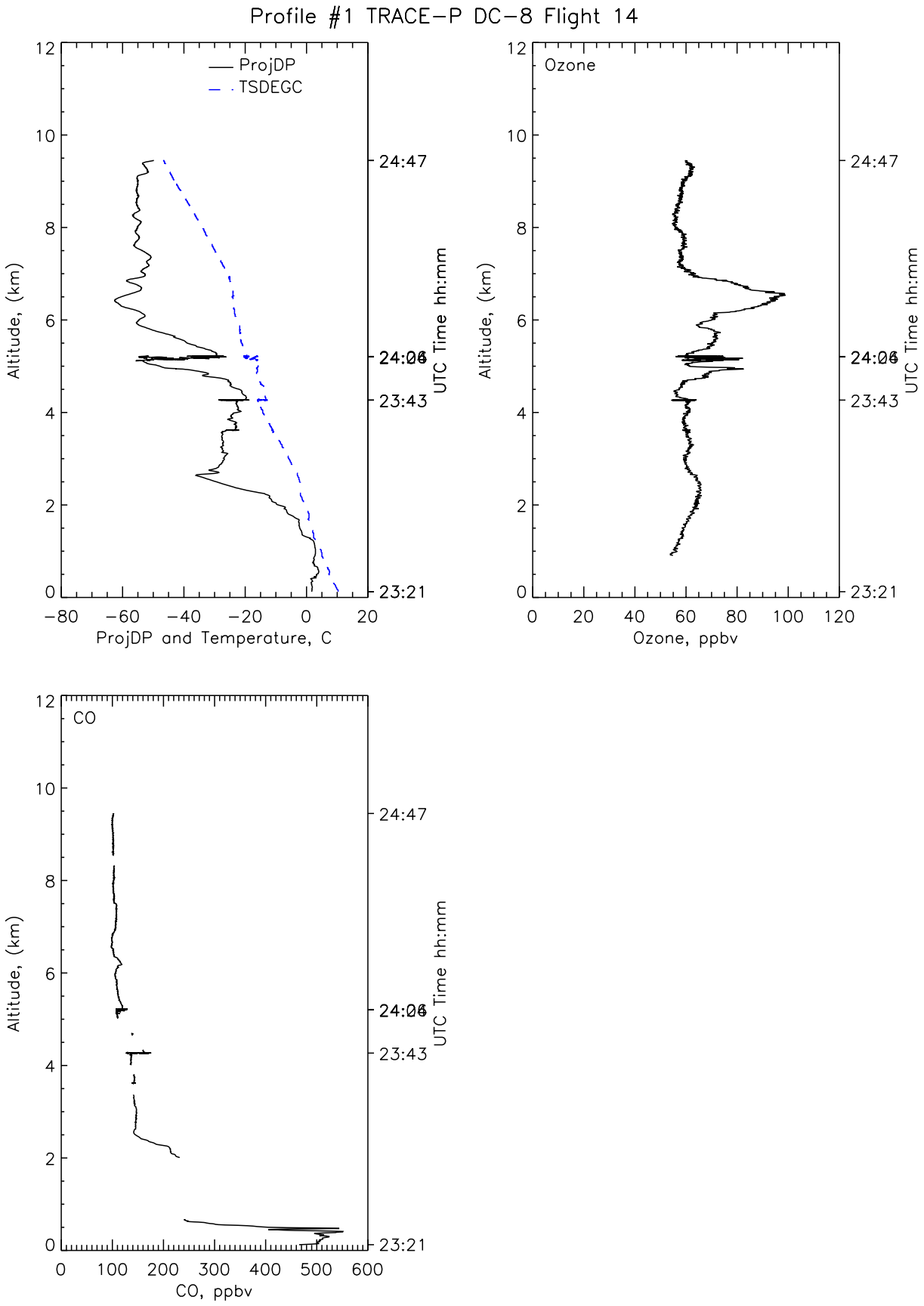


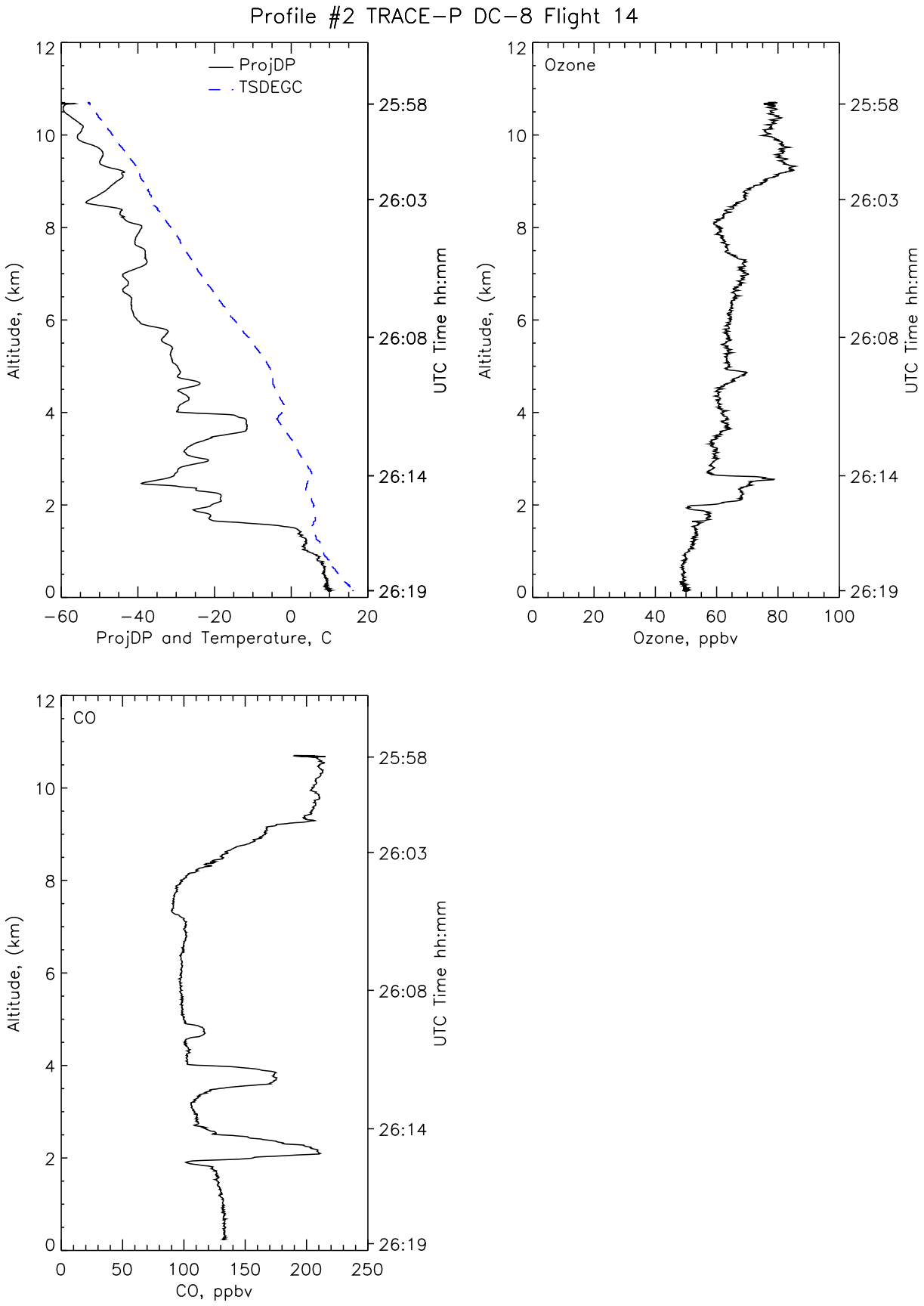

FINAL DATA: TRACE-P DC-8 Flight 14
@ambient
Surface dry .1-.75, um2/cm3
Surface .75-2, um2/cm3
Surface 2-5, um2/cm3
Surface 5-20, um2/cm3
Surface 20-50, um2/cm3
UTC Time

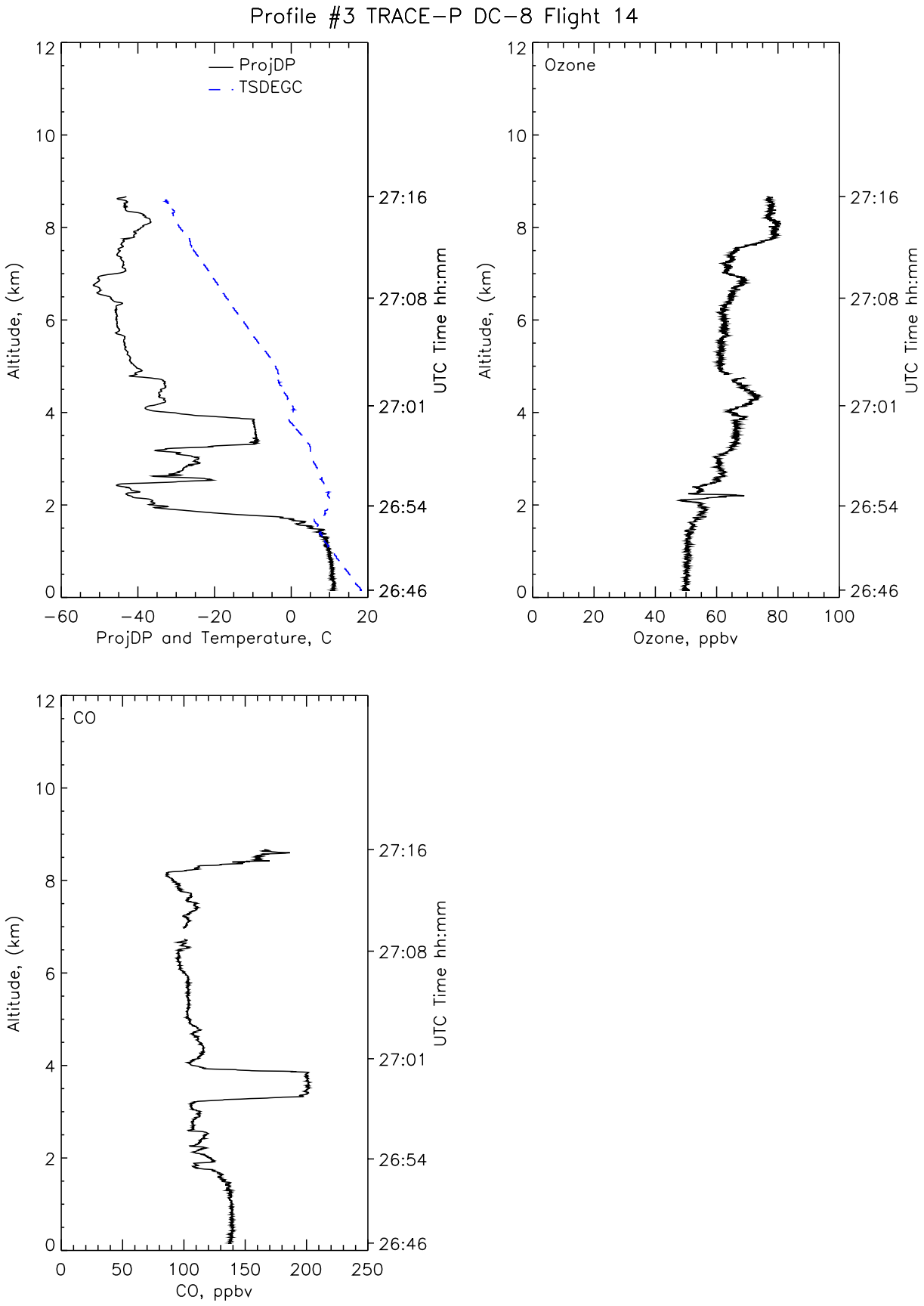
FINAL DATA: TRACE-P DC-8 Flight 14

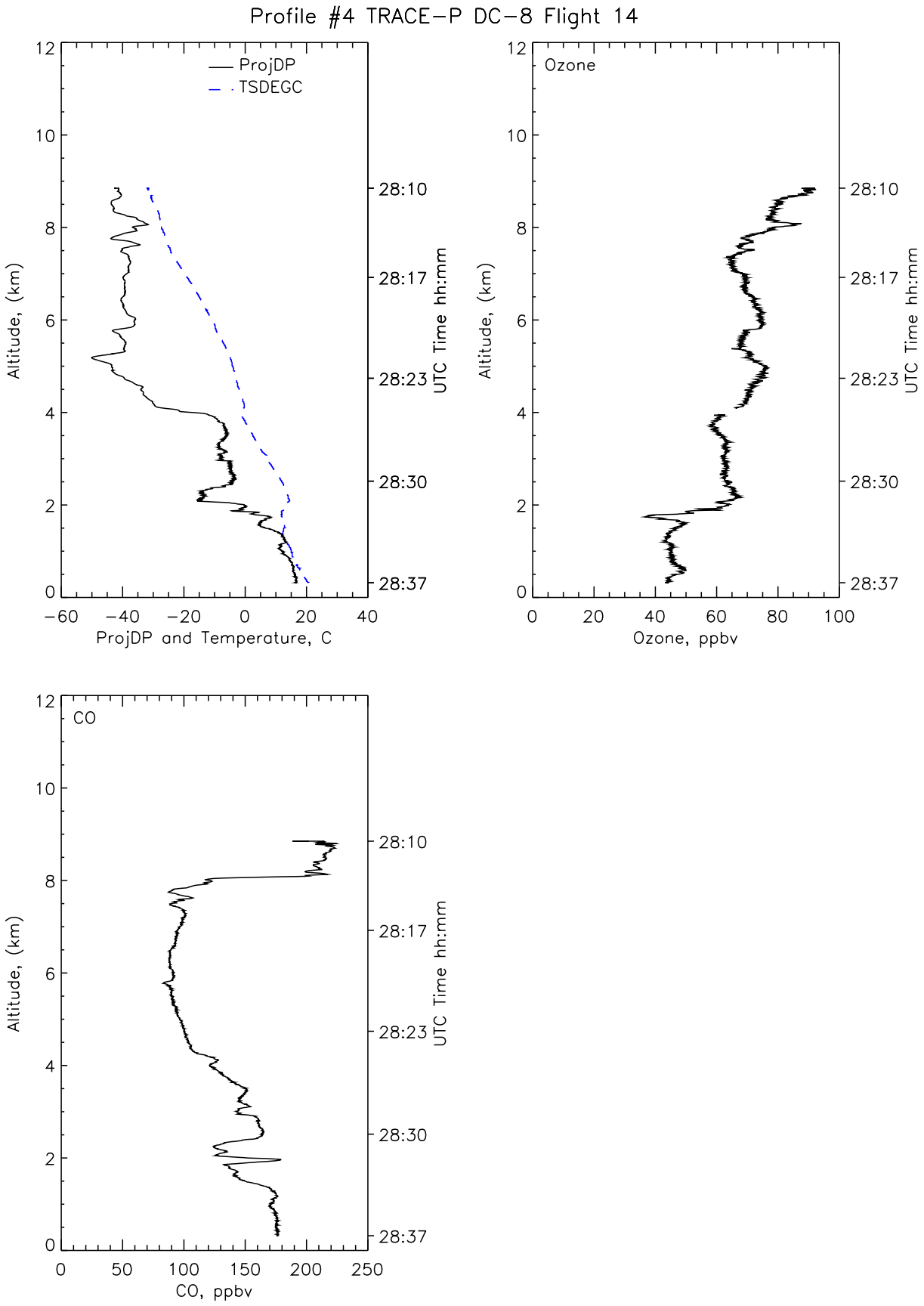


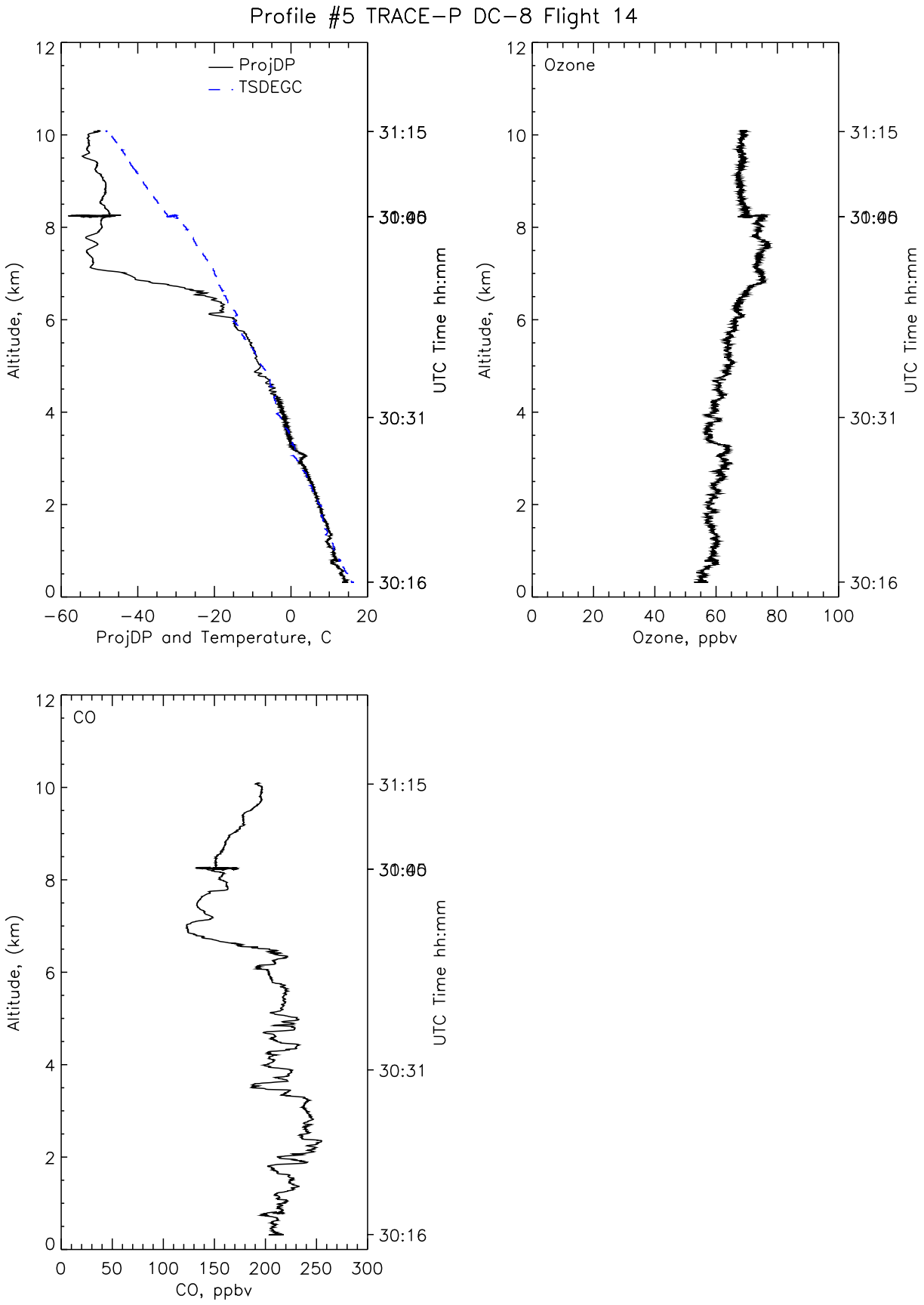

FINAL DATA: TRACE−P DC−8 Flight 14
J(NO2)N+J(NO2)Z, 1/s
0.020
0.015
0.010
0.005
0.000
23
24
25
26
27
28
29
30
31
32
33
UTC Time
J(NO2)Nadir/J(NO2)Zenith
2.0
1.5
1.0
0.5
0.0
UTC Time
Roll, deg
40
20
0
−20
−40
UTC Time
AltCab, feet
6000
4000
2000
0
−2000
UTC Time

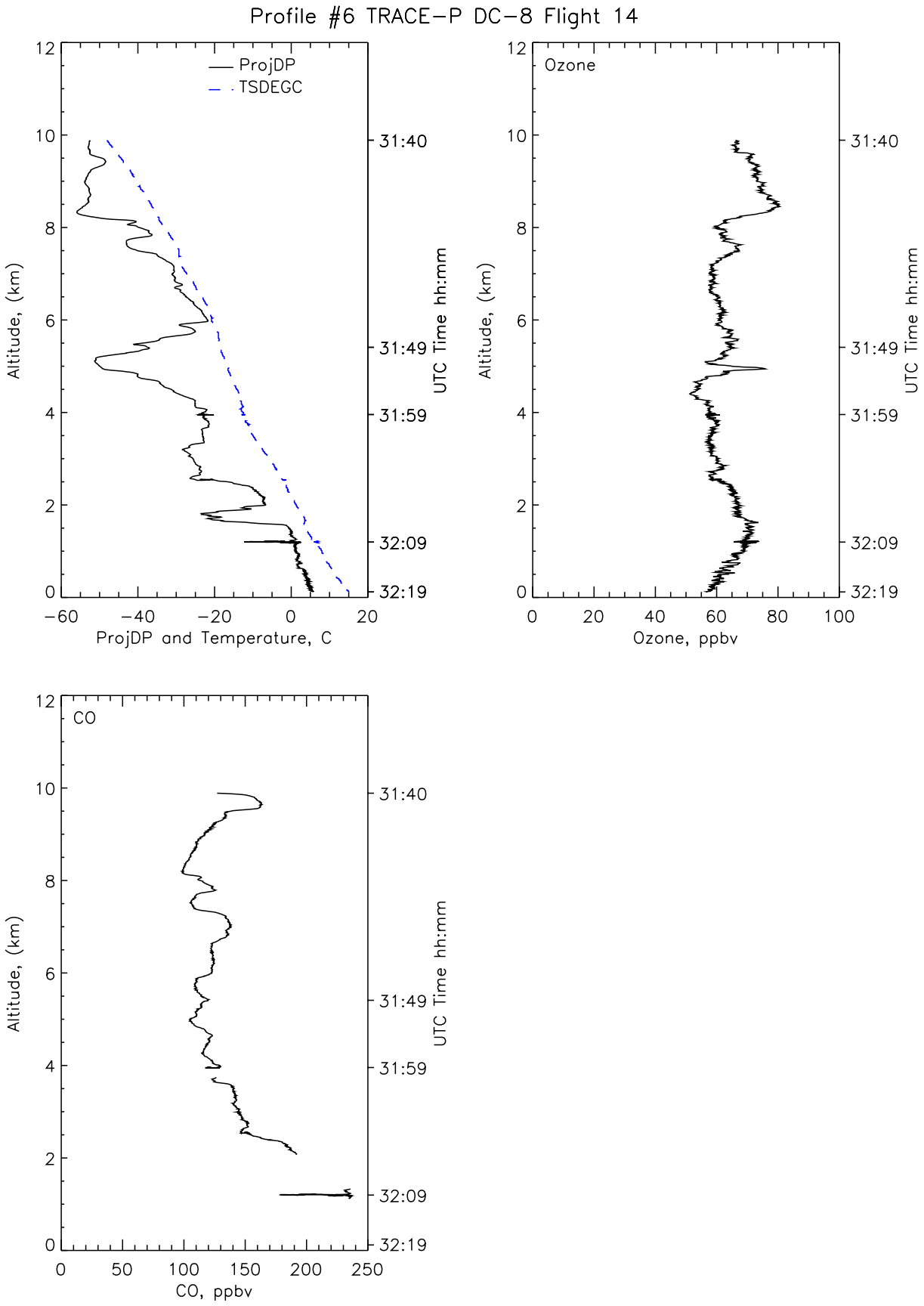

Profile #1 TRACE-P DC-8 Flight 14
ProjDP
TSDEGC
Altitude, (km)
ProjDP and Temperature, C
UTC Time hh:mm
24:47
24:06
23:43
23:21
Ozone
Ozone, ppbv
CO
CO, ppbv


Profile #2 TRACE-P DC-8 Flight 14
ProjDP
TSDEGC
Altitude, (km)
UTC Time hh:mm
ProjDP and Temperature, C
Ozone
Ozone, ppbv
CO
CO, ppbv


Profile #3 TRACE-P DC-8 Flight 14
ProjDP
TSDEGC
Altitude, (km)
ProjDP and Temperature, C
UTC Time hh:mm
27:16
27:08
27:01
26:54
26:46
Ozone
Ozone, ppbv
CO
CO, ppbv


Profile #4 TRACE-P DC-8 Flight 14
ProjDP
TSDEGC
Altitude, (km)
ProjDP and Temperature, C
UTC Time hh:mm
28:10
28:17
28:23
28:30
28:37
Ozone
Ozone, ppbv
CO
CO, ppbv


Profile #5 TRACE-P DC-8 Flight 14
ProjDP
TSDEGC
Altitude, (km)
UTC Time hh:mm
31:15
30:46
30:31
30:16
ProjDP and Temperature, C
Ozone
Ozone, ppbv
CO
CO, ppbv


Profile #6 TRACE-P DC-8 Flight 14
ProjDP
TSDEGC
Altitude, (km)
ProjDP and Temperature, C
UTC Time hh:mm
31:40
31:49
31:59
32:09
32:19
Ozone
Ozone, ppbv
CO
CO, ppbv