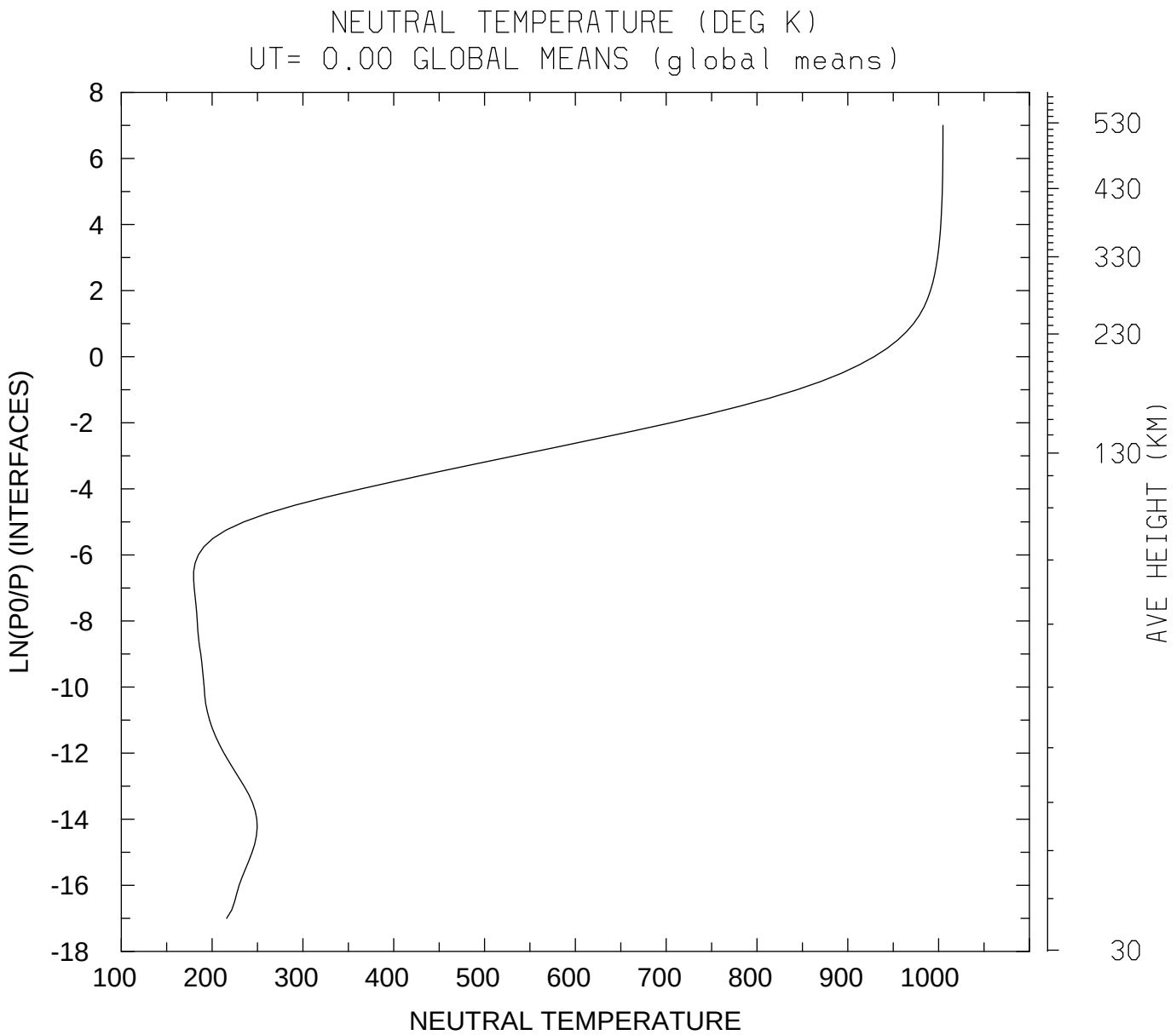
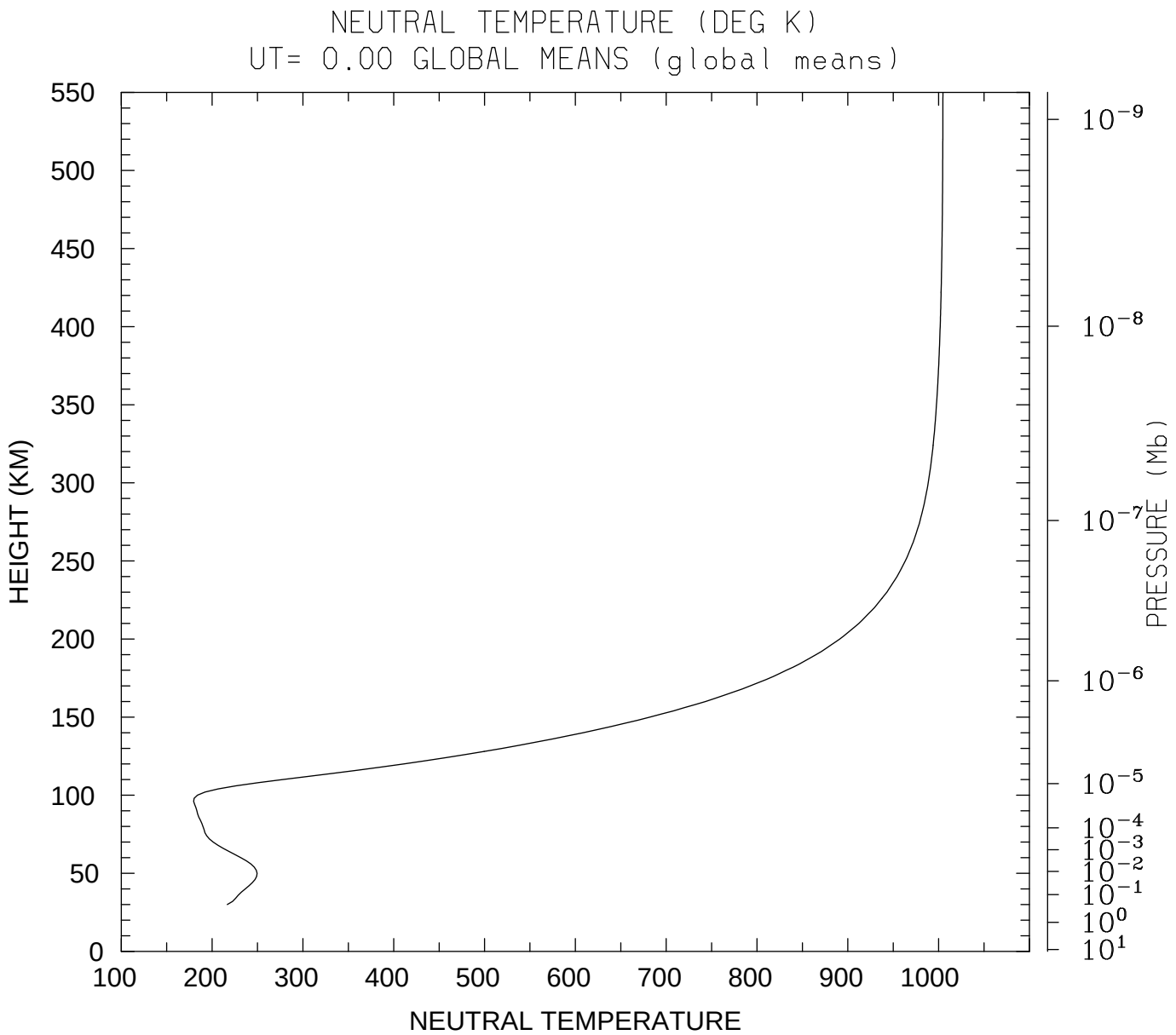


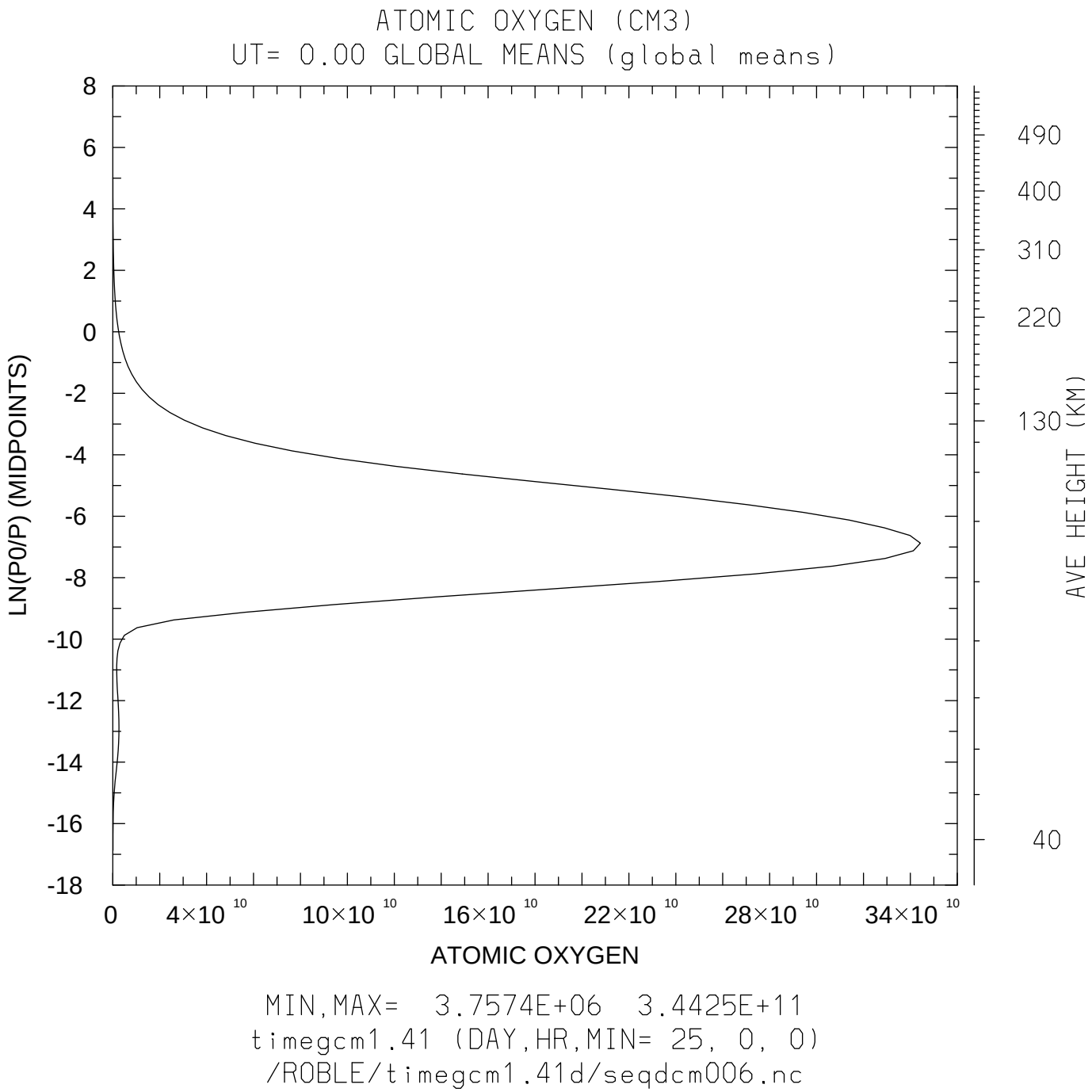
MIN,MAX= 1.7963E+02 1.0048E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

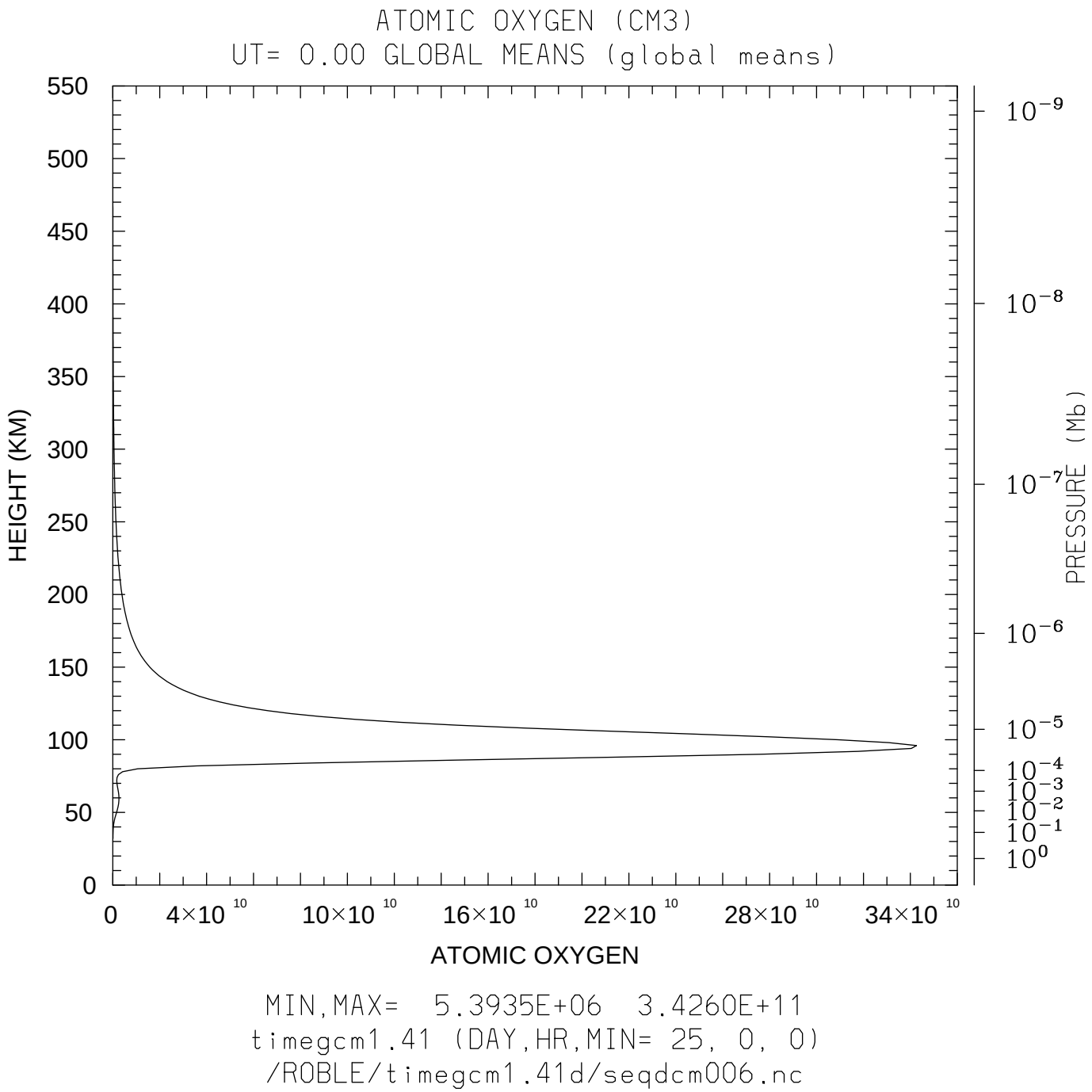


MIN,MAX= 1.7972E+02 1.0047E+03

timegcm1.41 (DAY,HR,MIN= 25, 0, 0)

/ROBLE/timegcm1.41d/seqdcm006.nc

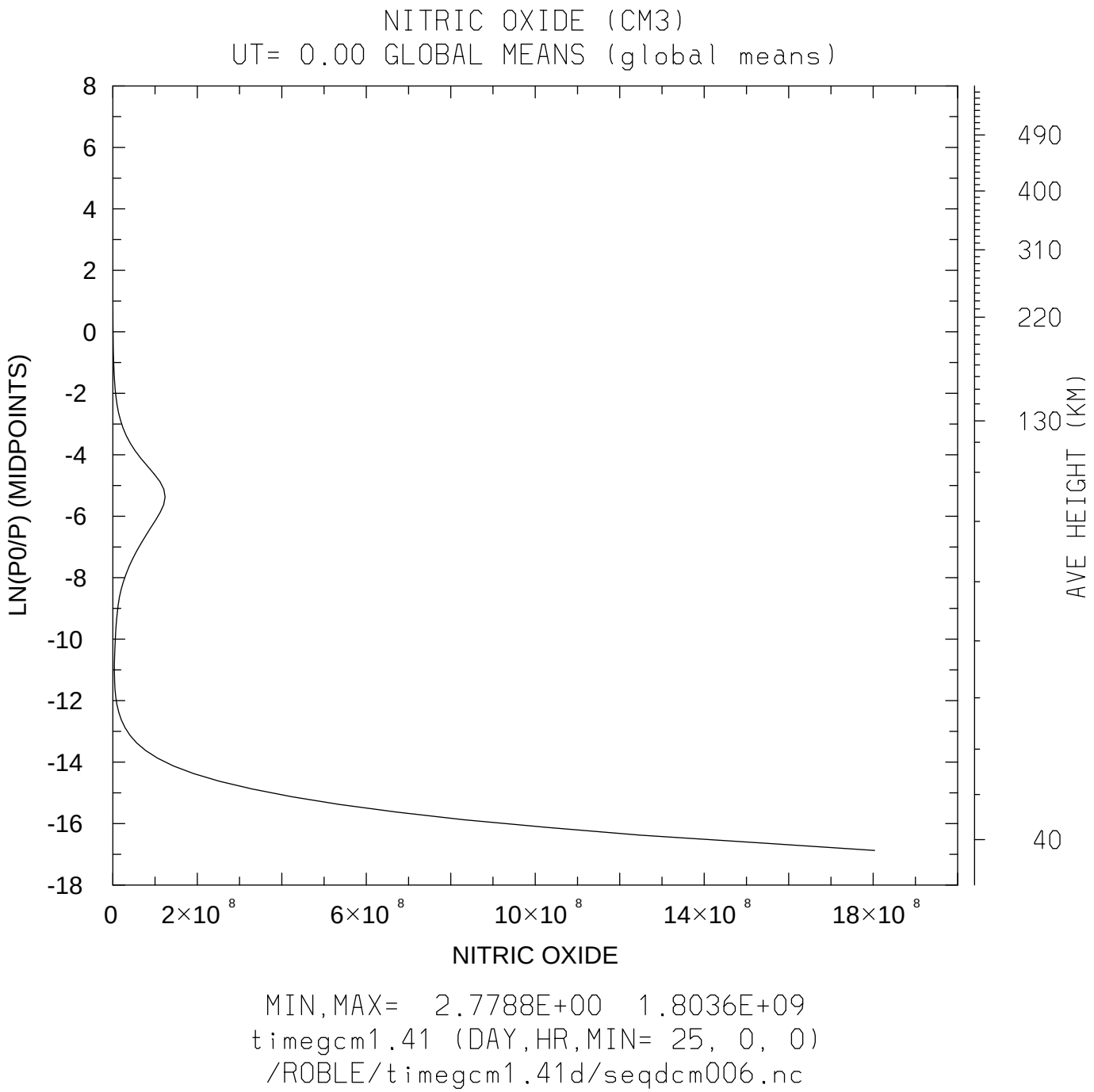

ATOMIC OXYGEN (CM3)
UT= 0.00 GLOBAL MEANS (global means)
LN(P0/P) (MIDPOINTS)
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
AVE HEIGHT (KM)
490
400
310
220
130
40
0
4×10 10
10×10 10
16×10 10
22×10 10
28×10 10
34×10 10
ATOMIC OXYGEN
MIN,MAX= 3.7574E+06 3.4425E+11
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

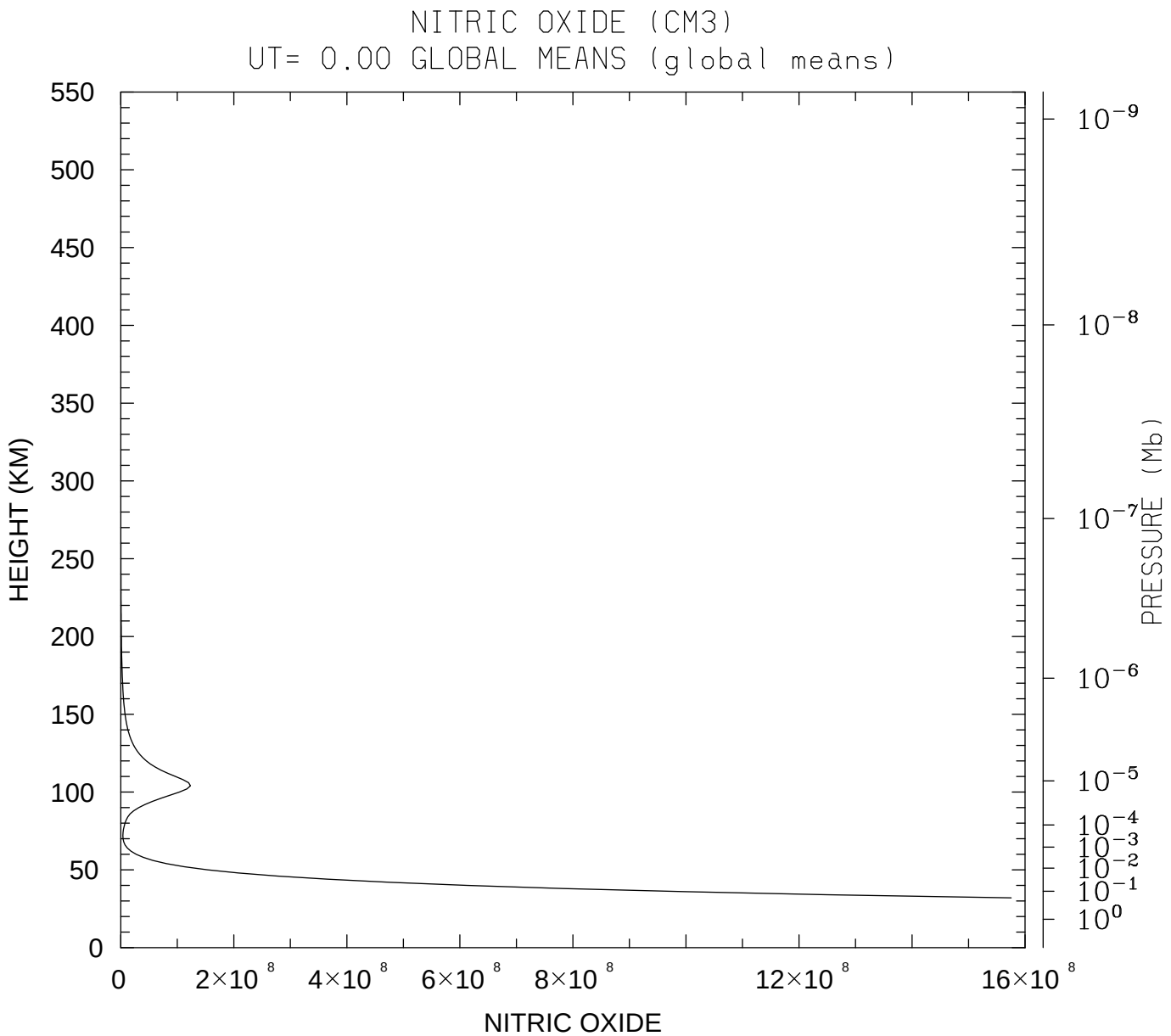


MIN,MAX= 5.3935E+06 3.4260E+11

timegcm1.41 (DAY,HR,MIN= 25, 0, 0)

/ROBLE/timegcm1.41d/seqdcm006.nc

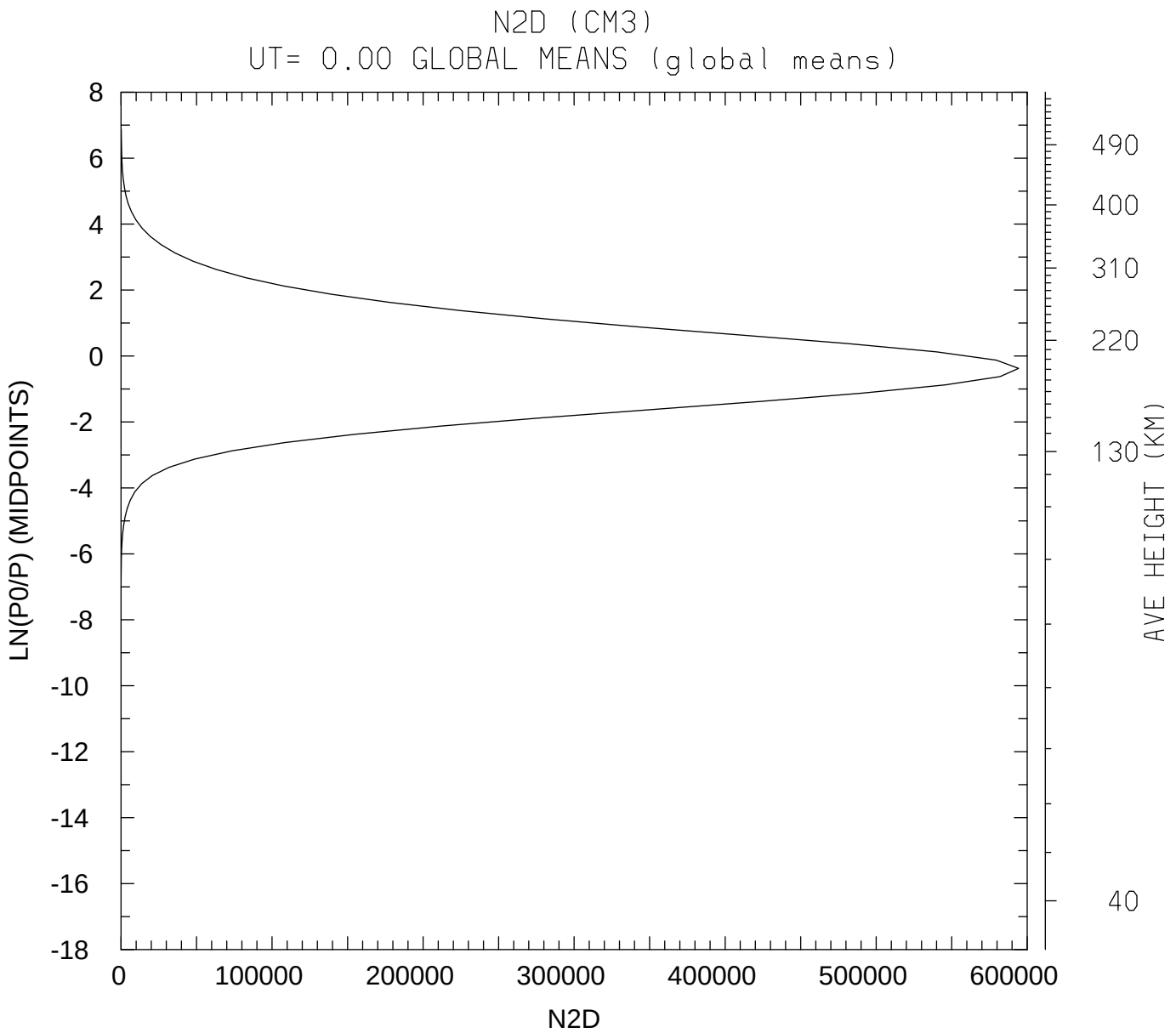

NITRIC OXIDE (CM3)
UT= 0.00 GLOBAL MEANS (global means)
LN(P0/P) (MIDPOINTS)
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
2×10 8
6×10 8
10×10 8
14×10 8
18×10 8
NITRIC OXIDE
AVE HEIGHT (KM)
490
400
310
220
130
40
MIN,MAX= 2.7788E+00 1.8036E+09
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc



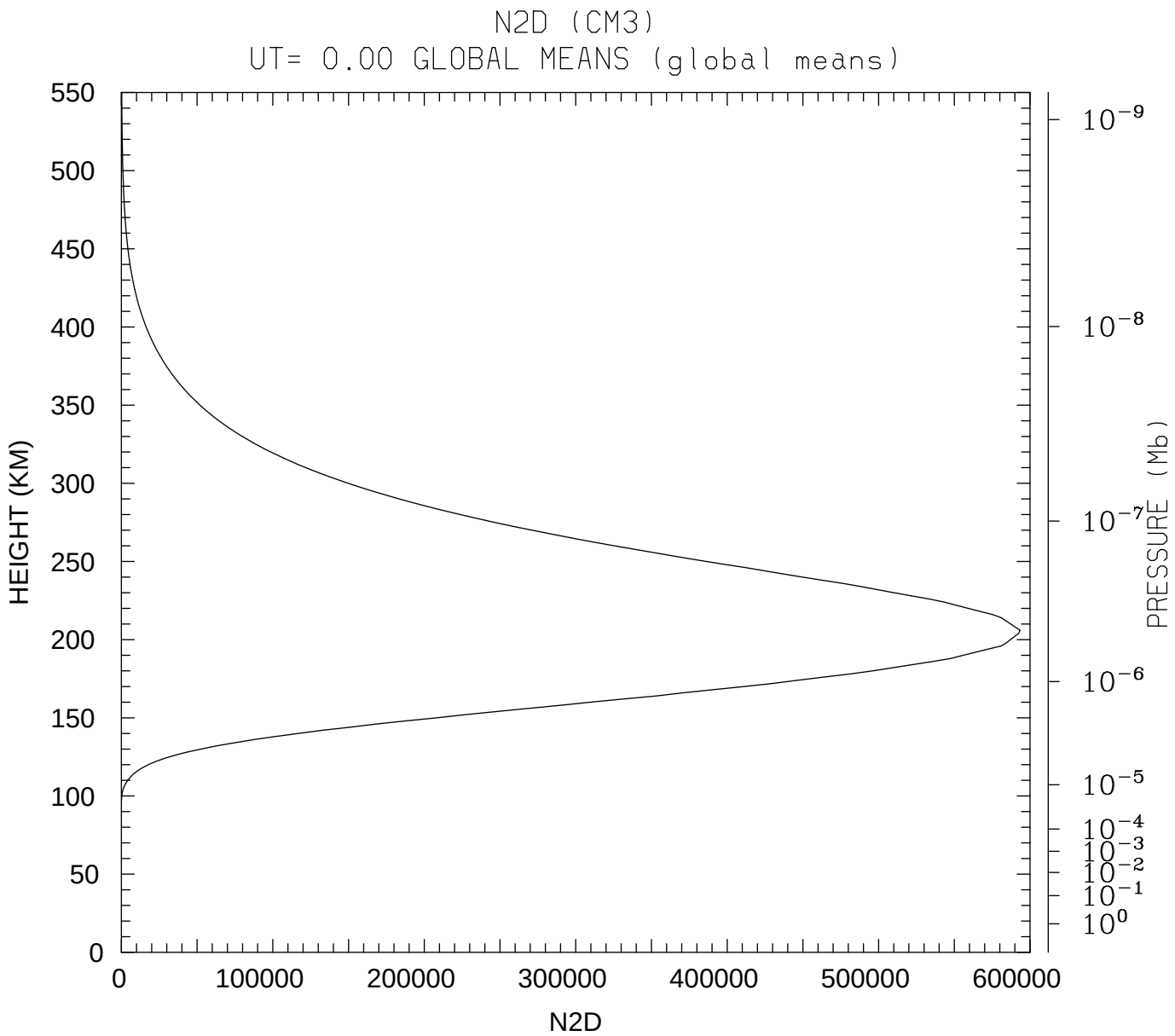
MIN,MAX= 5.4780E+00 1.5755E+09

timegcm1.41 (DAY,HR,MIN= 25, 0, 0)

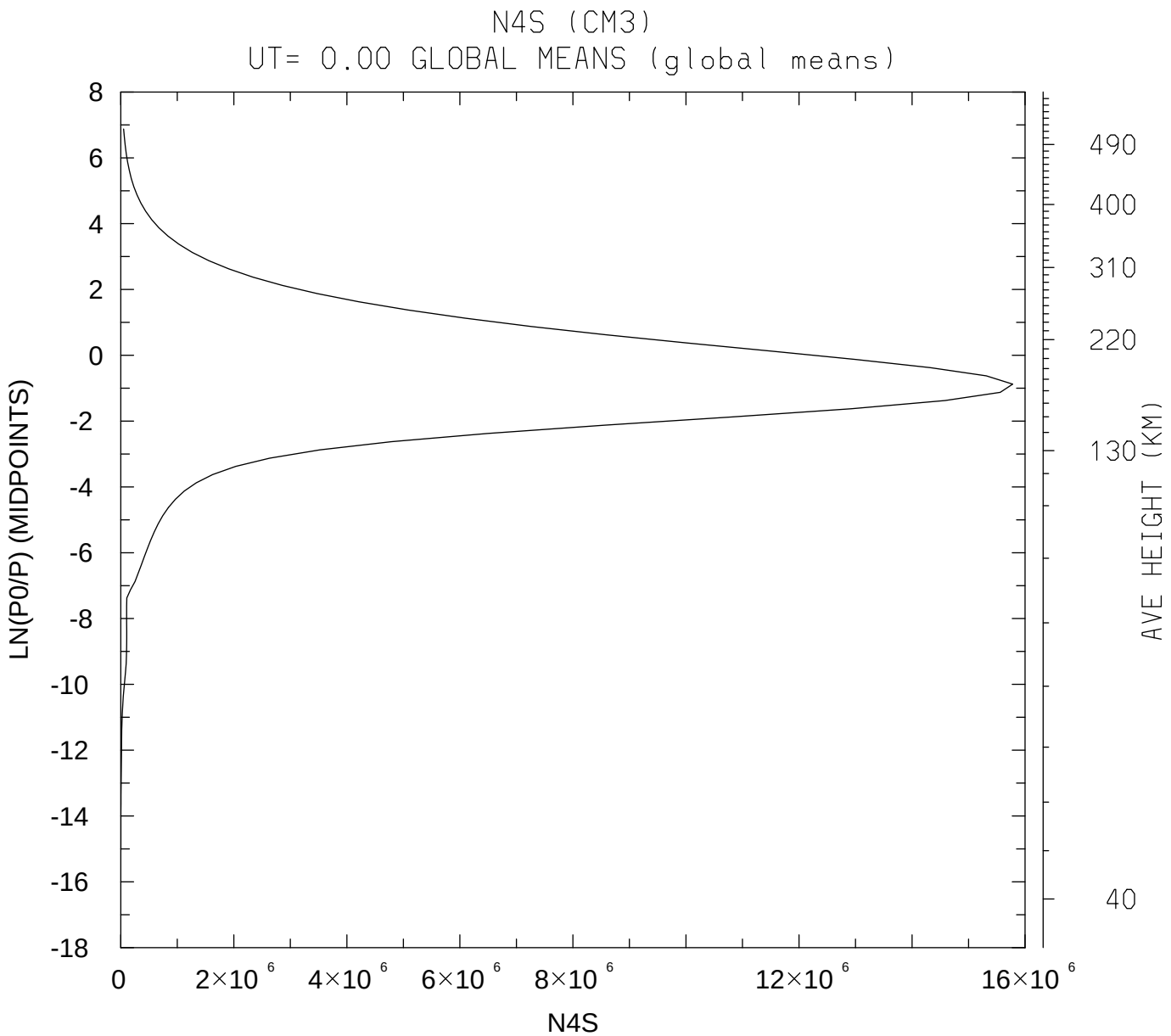
/ROBLE/timegcm1.41d/seqdcm006.nc



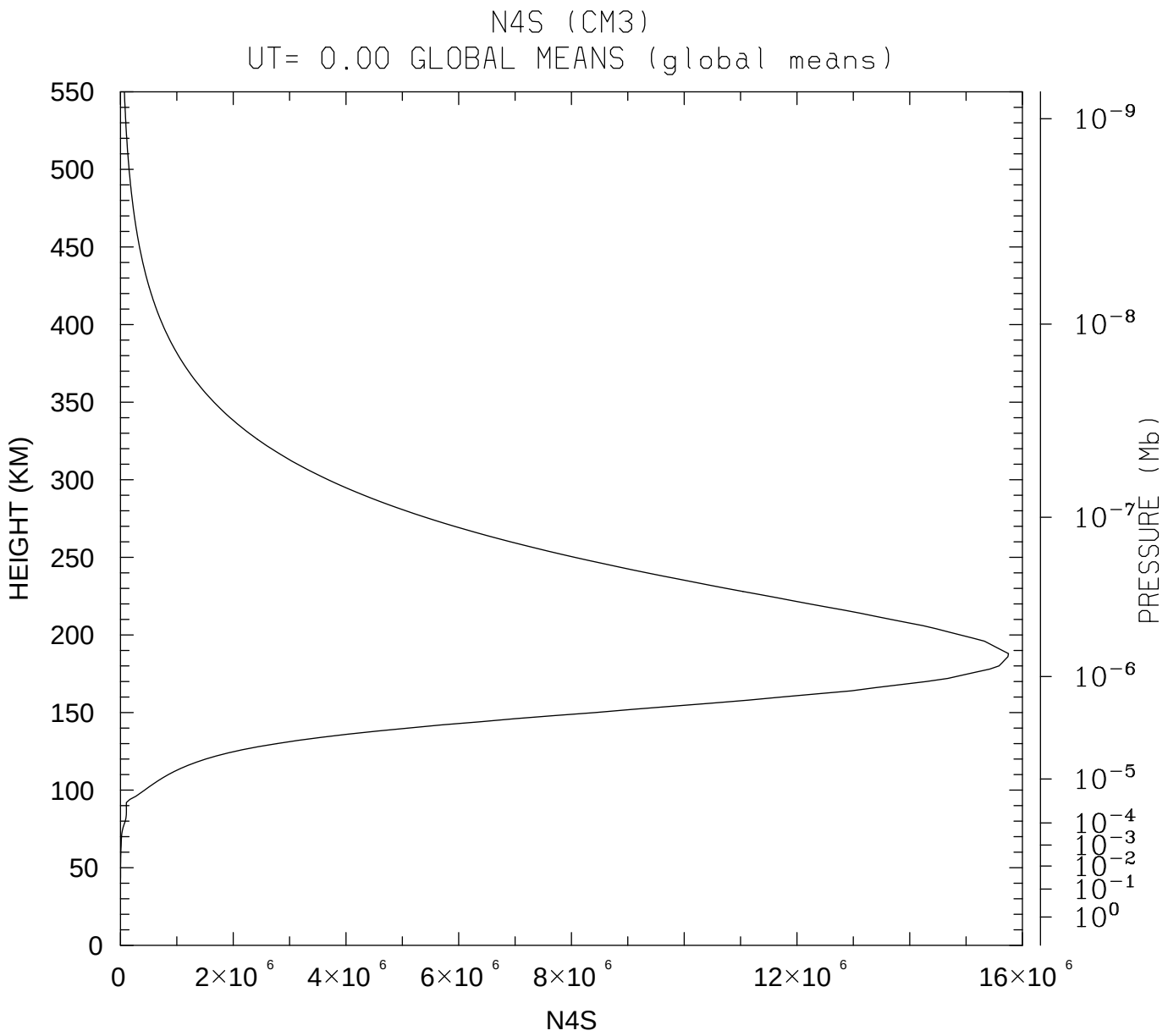
MIN,MAX= 4.8713E-05 5.9430E+05
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc



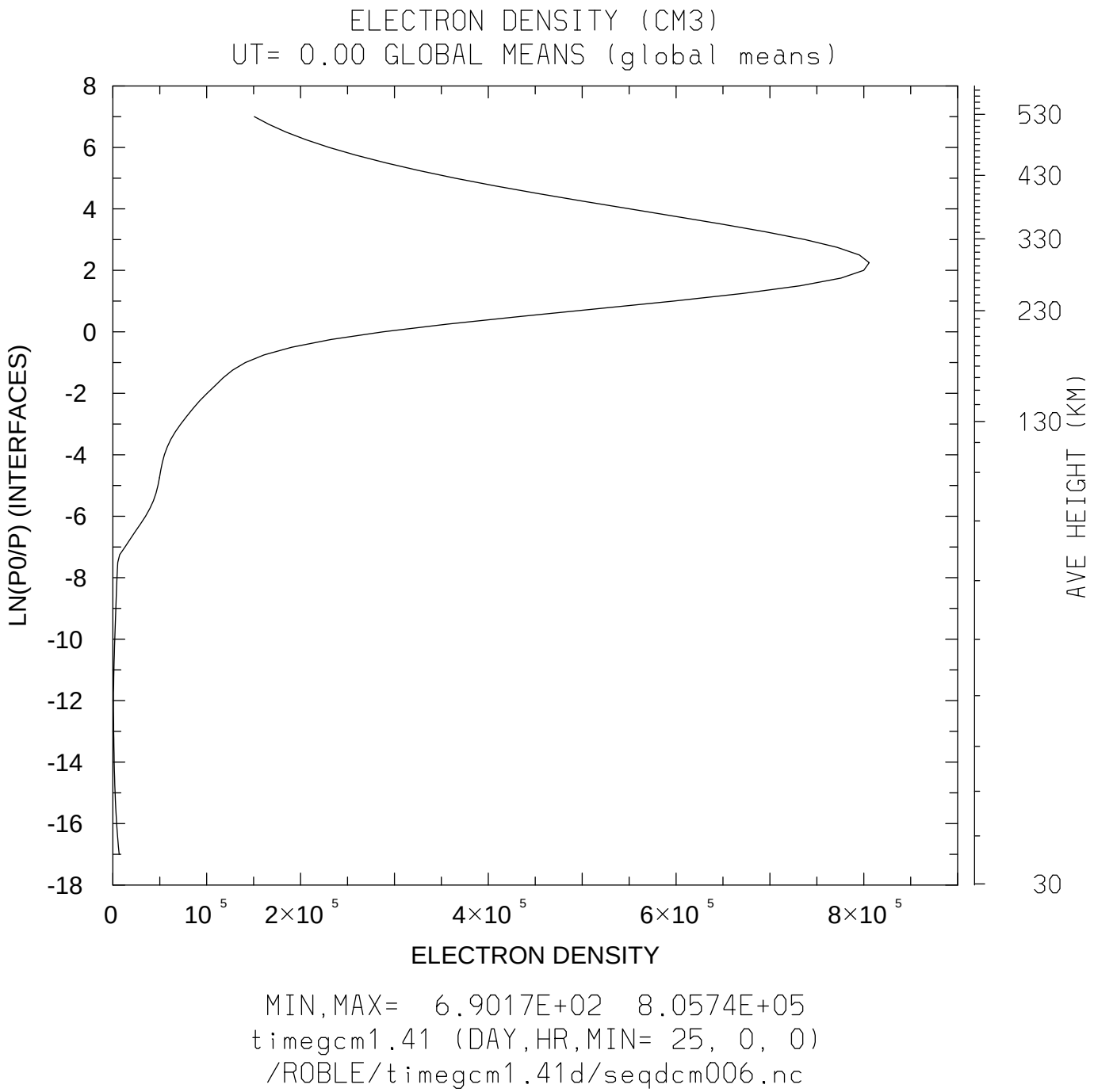
MIN,MAX= 4.8742E-05 5.9337E+05
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

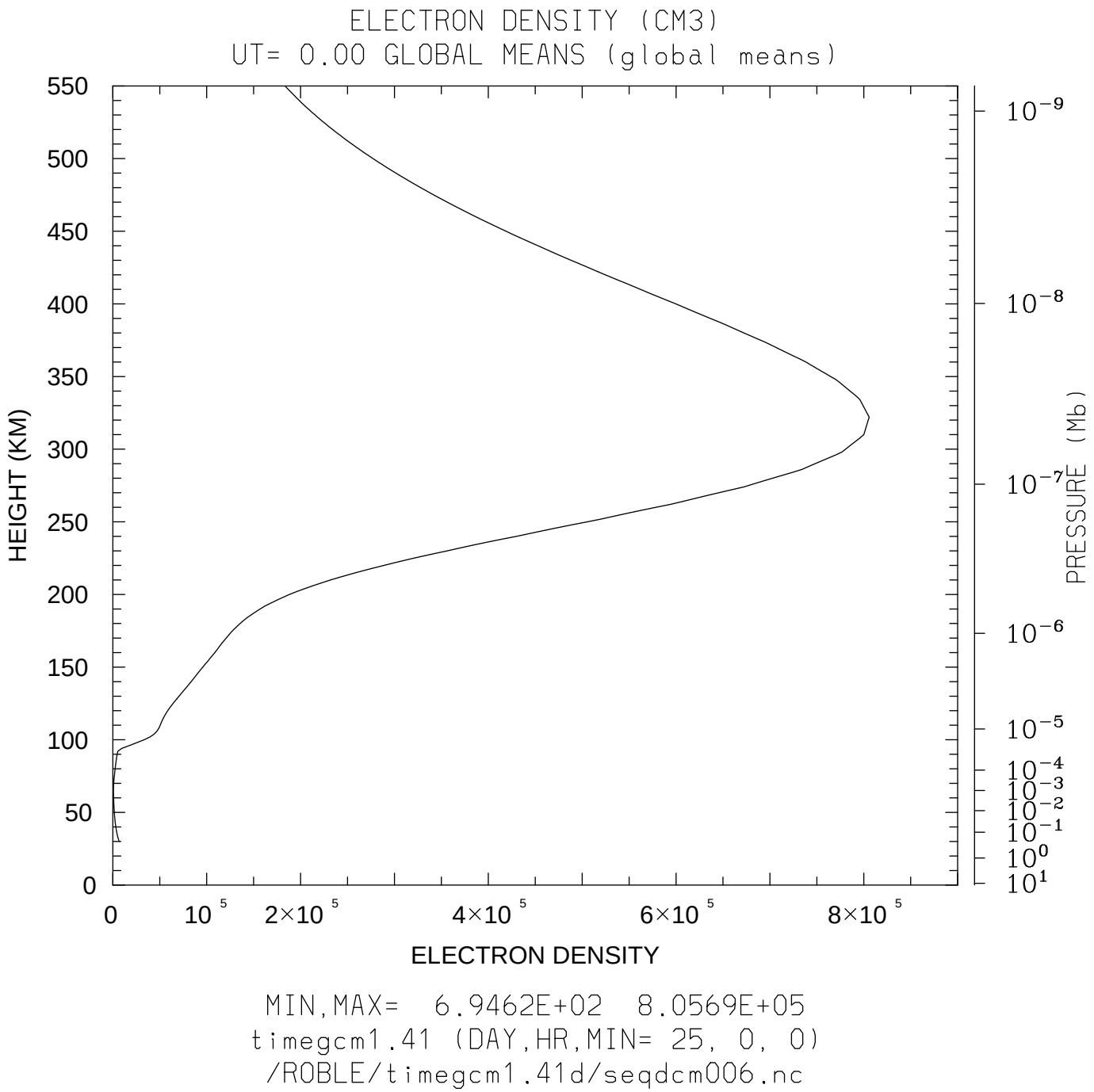


MIN,MAX= 1.1843E+02 1.5781E+07
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc



MIN,MAX= 1.5160E+02 1.5752E+07
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

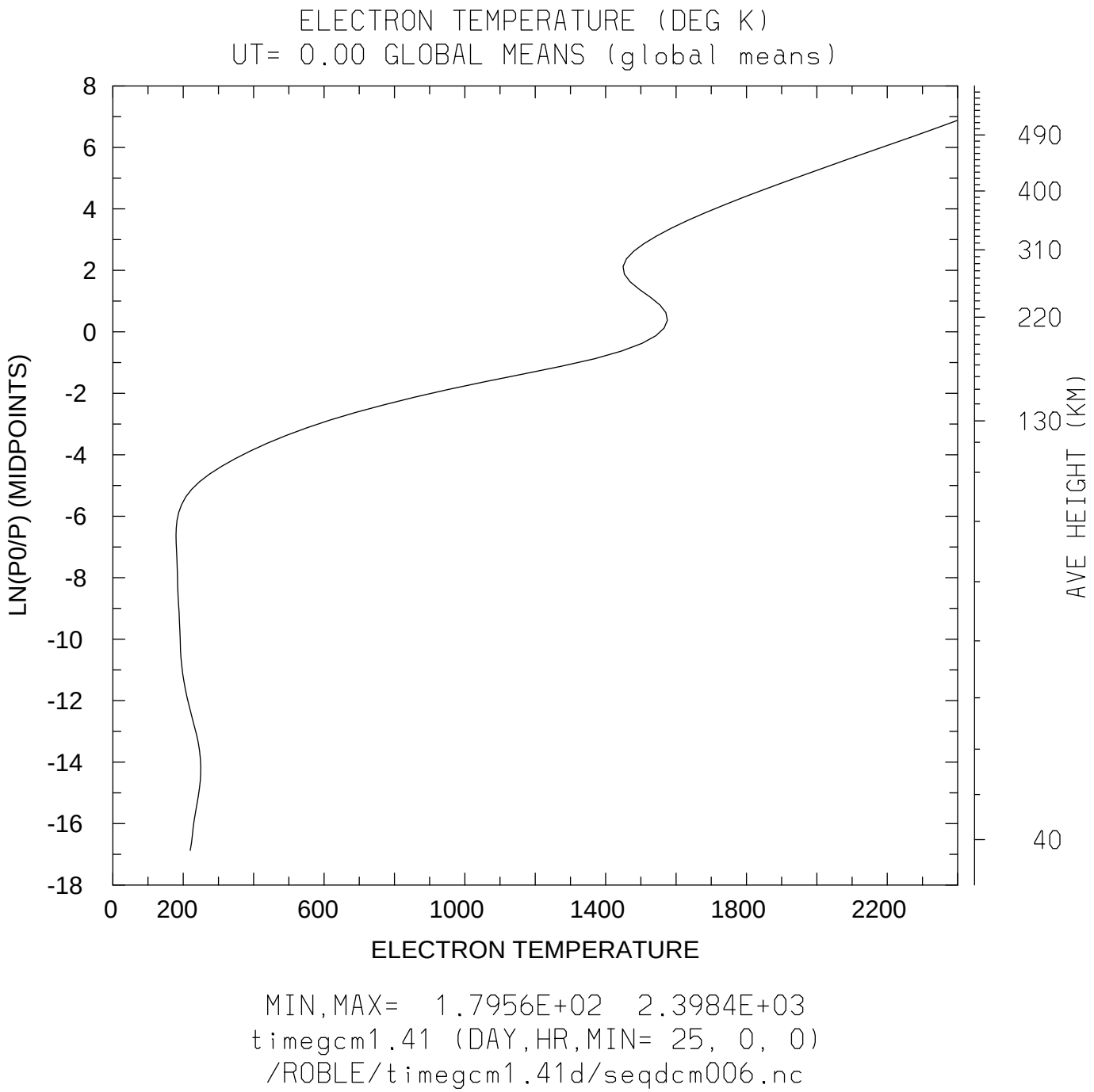

ELECTRON DENSITY (CM3)
UT= 0.00 GLOBAL MEANS (global means)
LN(P0/P) (INTERFACES)
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
10 5
2×10 5
4×10 5
6×10 5
8×10 5
ELECTRON DENSITY
AVE HEIGHT (KM)
530
430
330
230
130
30
MIN,MAX= 6.9017E+02 8.0574E+05
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc



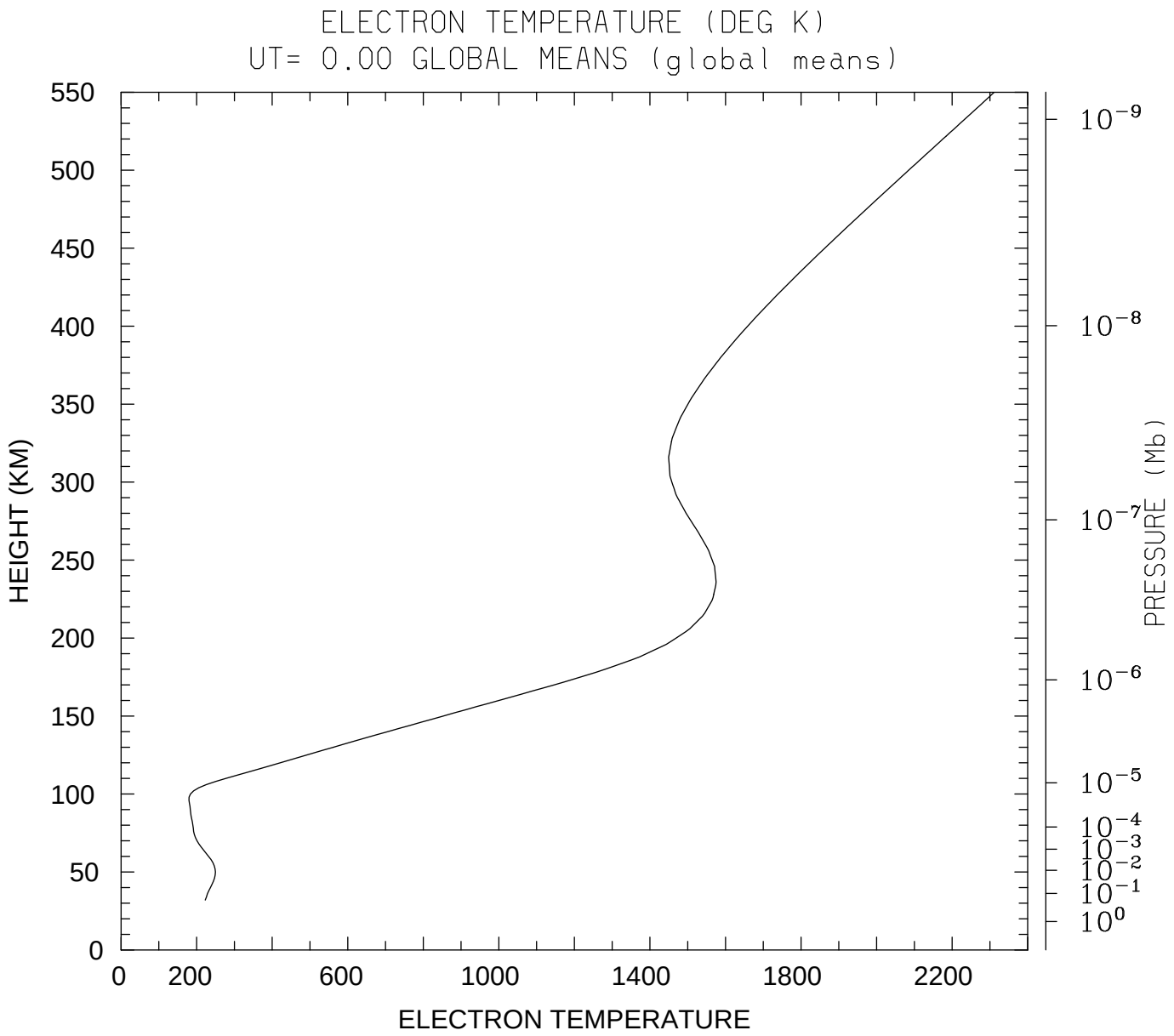
MIN,MAX= 6.9462E+02 8.0569E+05

timegcm1.41 (DAY,HR,MIN= 25, 0, 0)

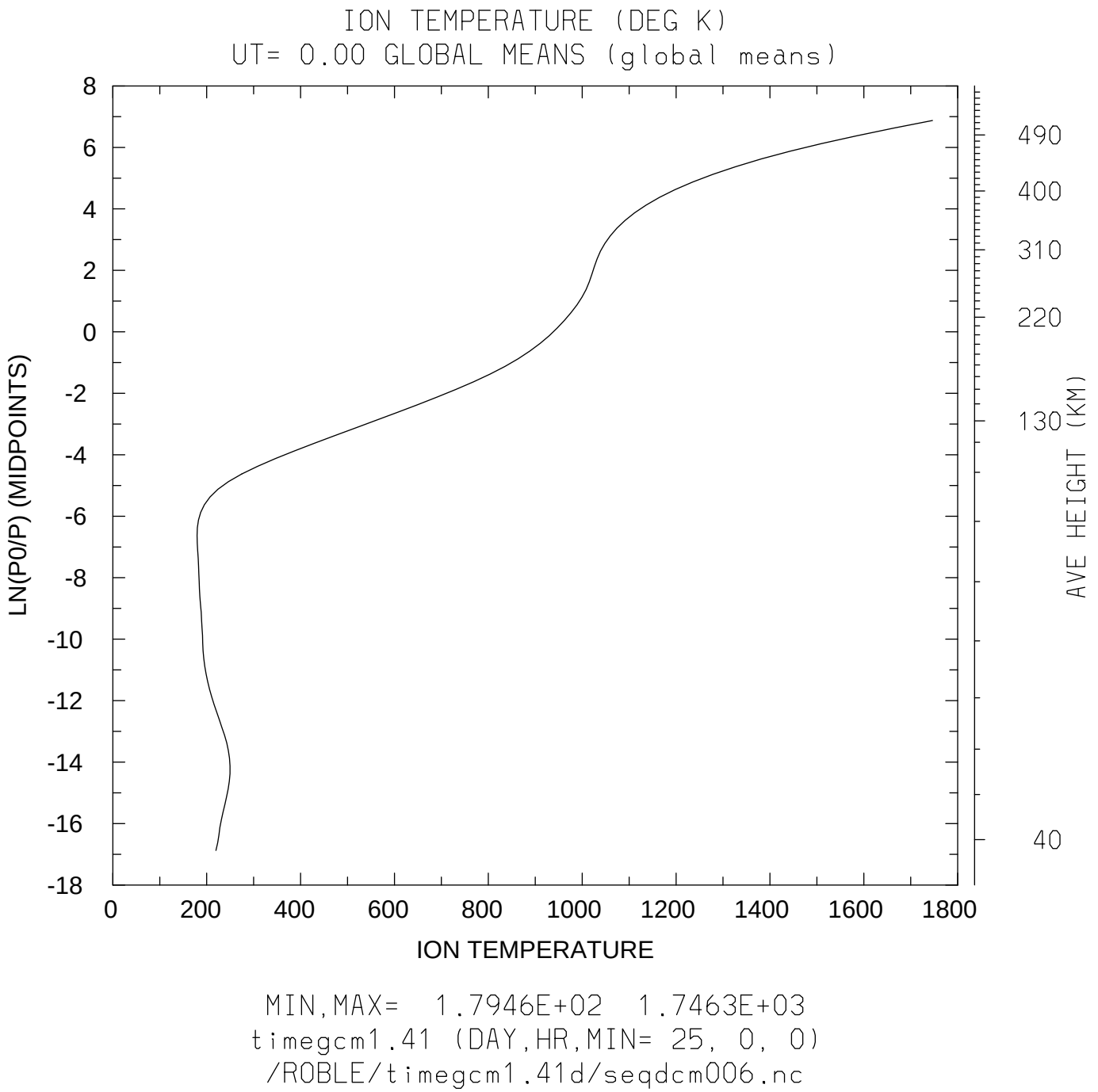
/ROBLE/timegcm1.41d/seqdcm006.nc

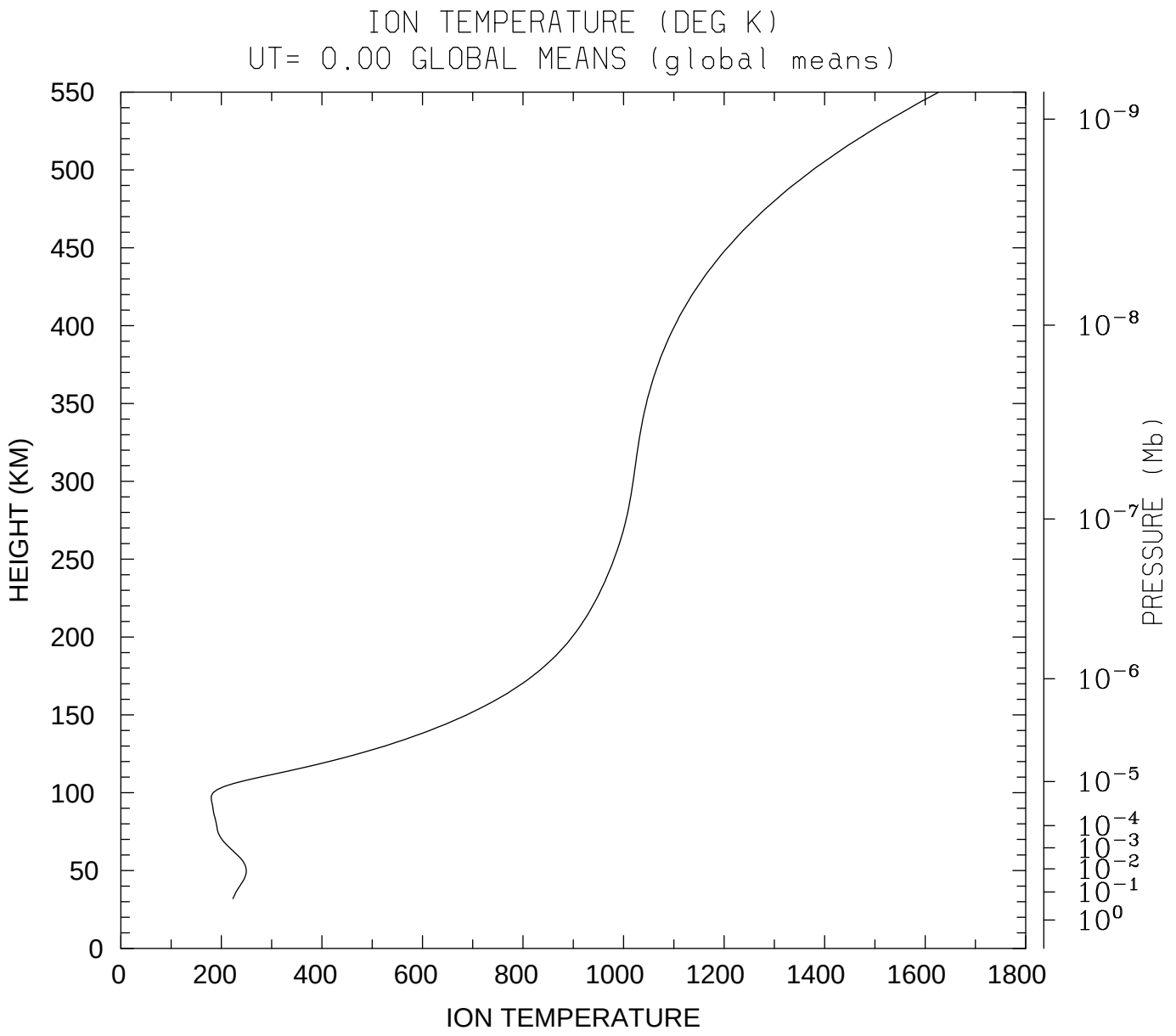


MIN,MAX= 1.7956E+02 2.3984E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

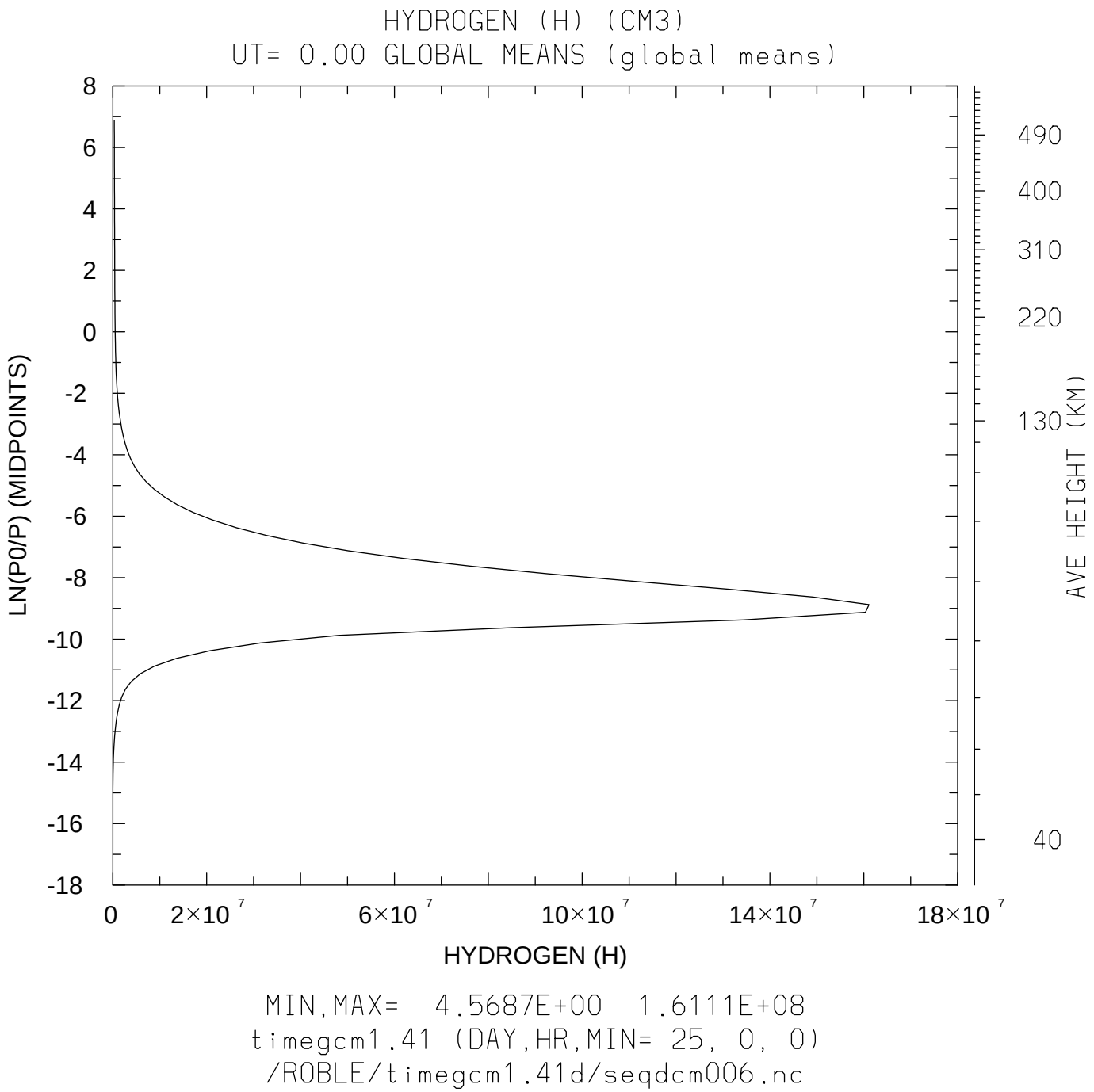


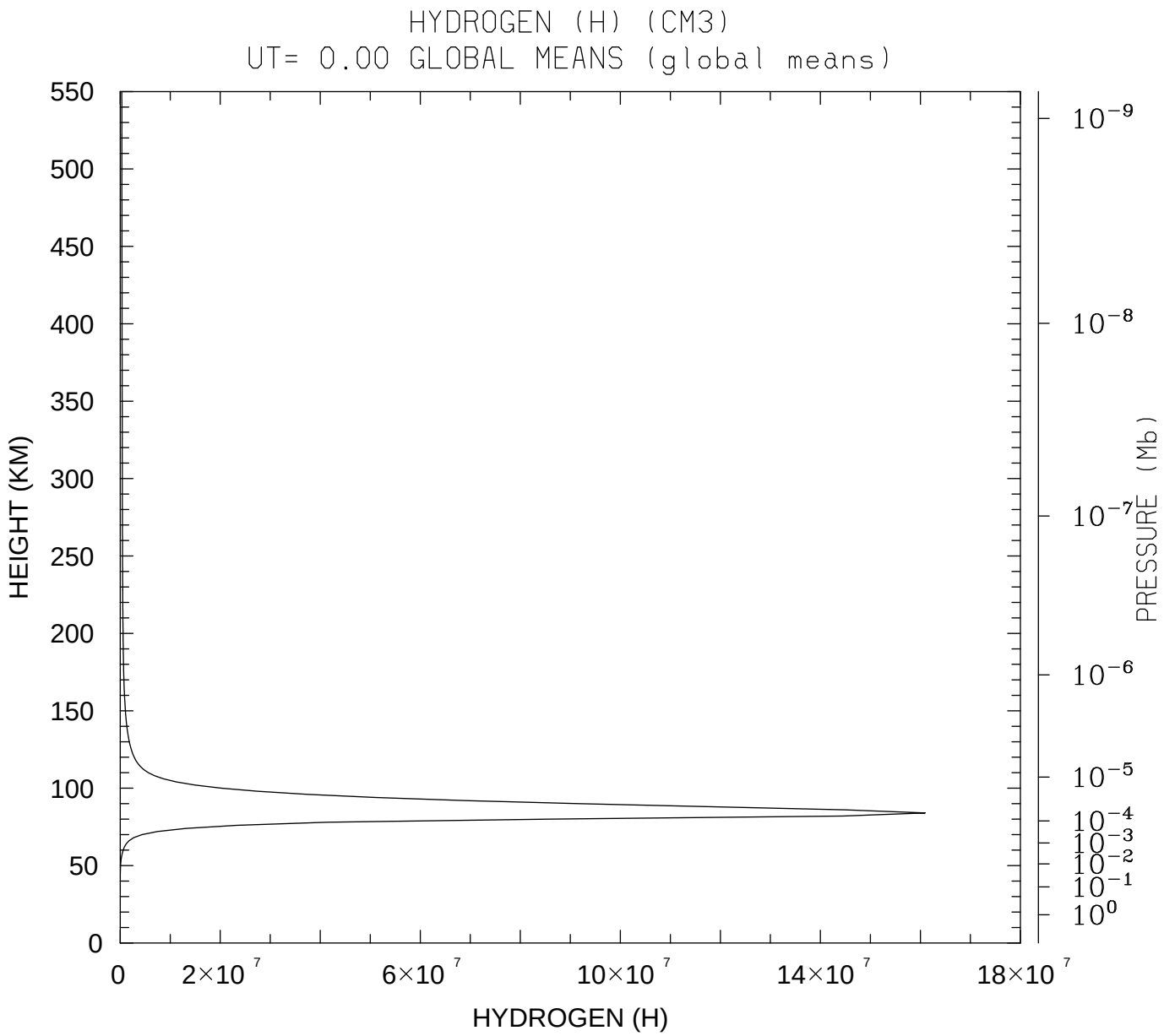
MIN,MAX= 1.7979E+02 2.3112E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc


ION TEMPERATURE (DEG K)
UT= 0.00 GLOBAL MEANS (global means)
LN(P0/P) (MIDPOINTS)
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
200
400
600
800
1000
1200
1400
1600
1800
ION TEMPERATURE
AVE HEIGHT (KM)
490
400
310
220
130
40
MIN,MAX= 1.7946E+02 1.7463E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

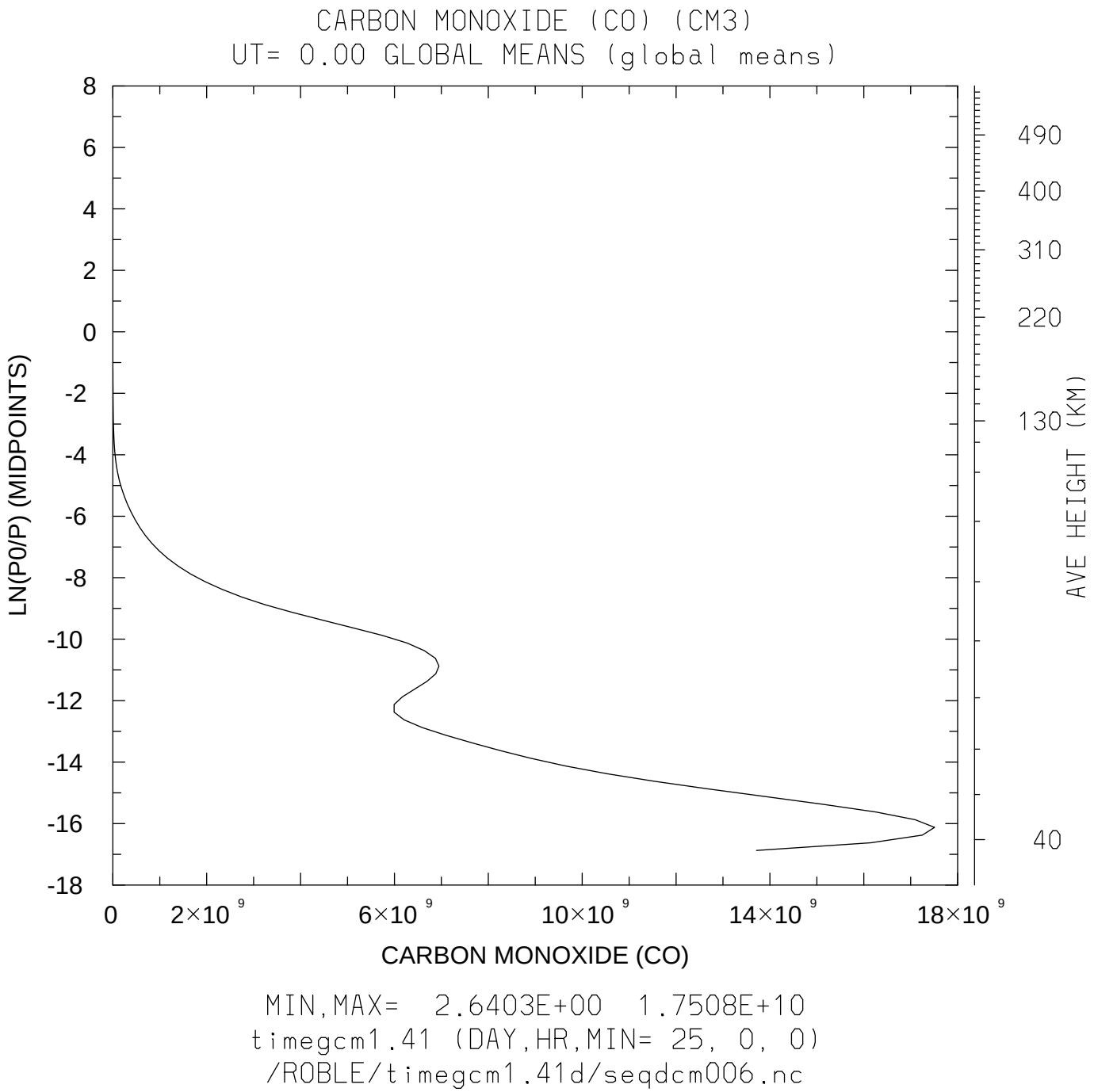


MIN,MAX= 1.7970E+02 1.6271E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

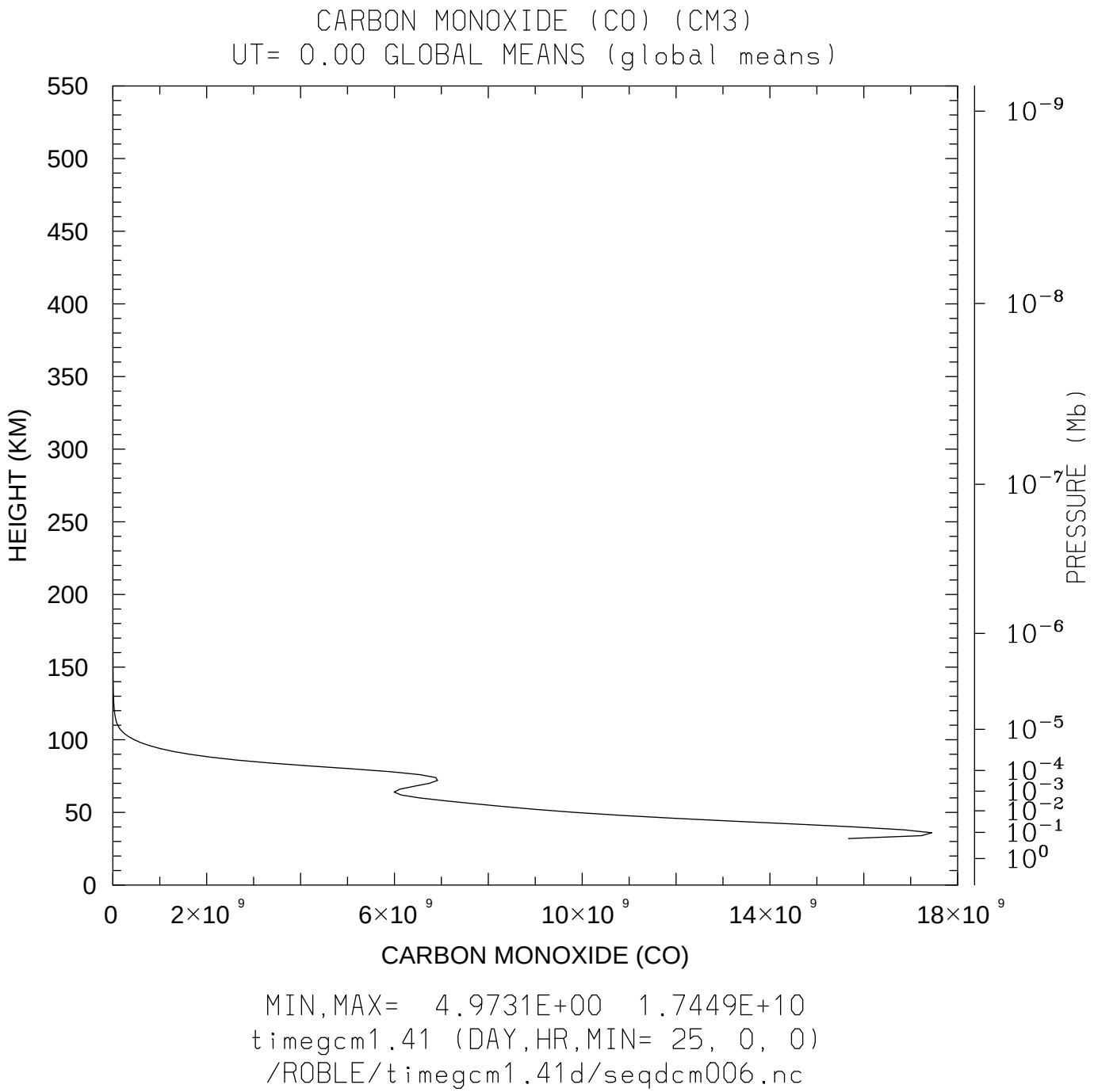

HYDROGEN (H) (CM3)
UT= 0.00 GLOBAL MEANS (global means)
LN(P0/P) (MIDPOINTS)
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
2×10 7
6×10 7
10×10 7
14×10 7
18×10 7
HYDROGEN (H)
AVE HEIGHT (KM)
490
400
310
220
130
40
MIN,MAX= 4.5687E+00 1.6111E+08
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

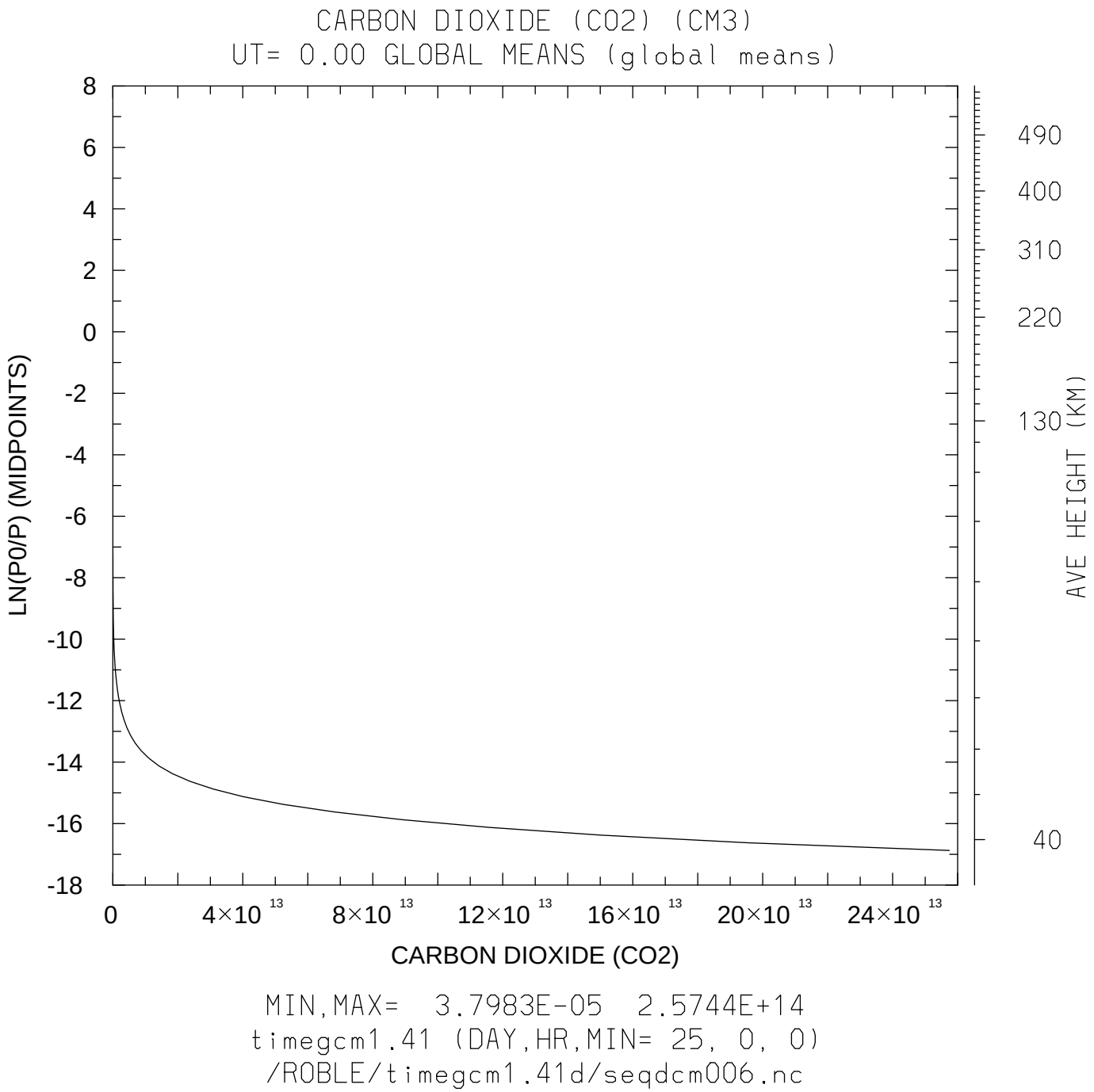


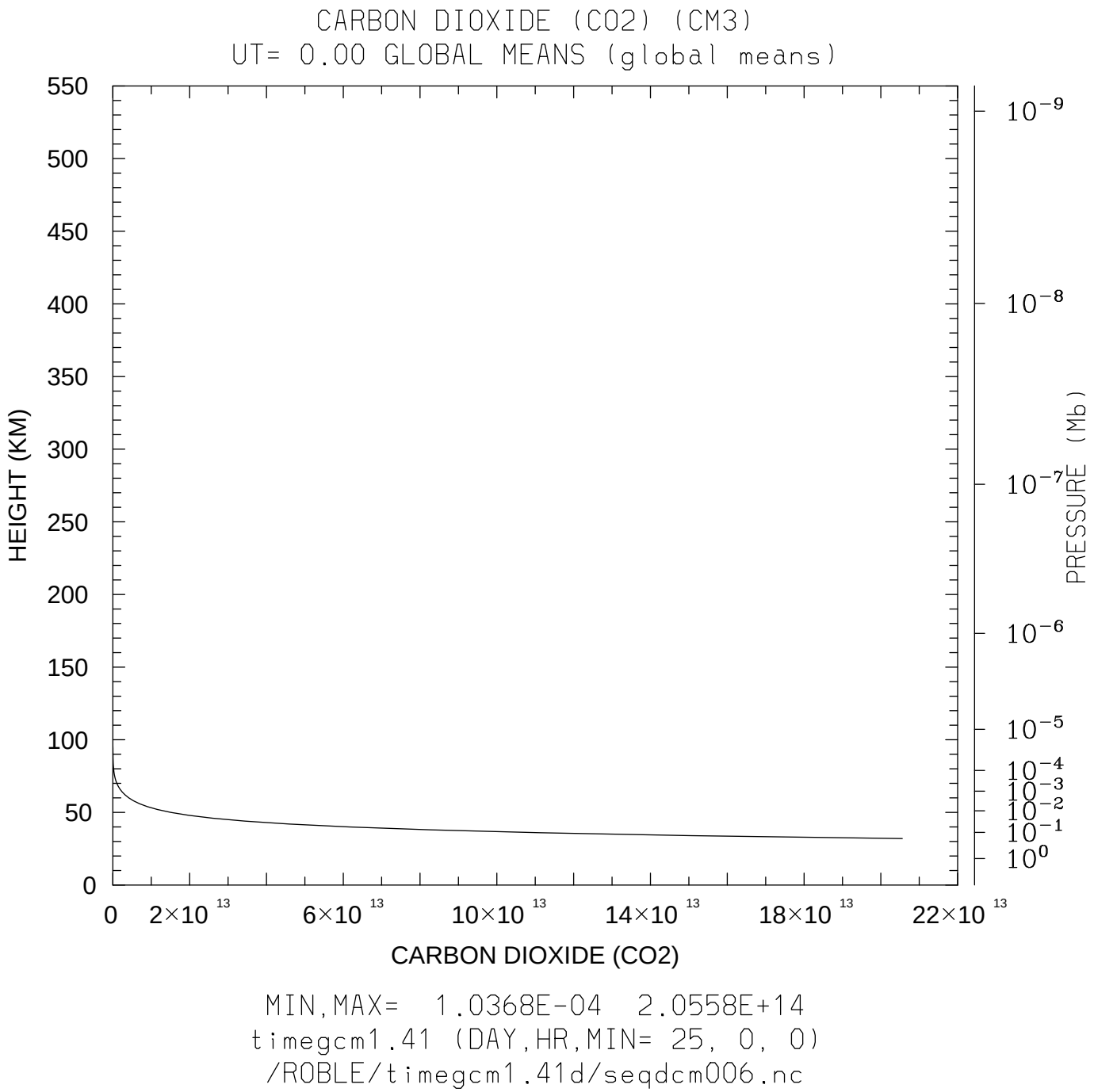
MIN,MAX= 8.6049E+00 1.6096E+08
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

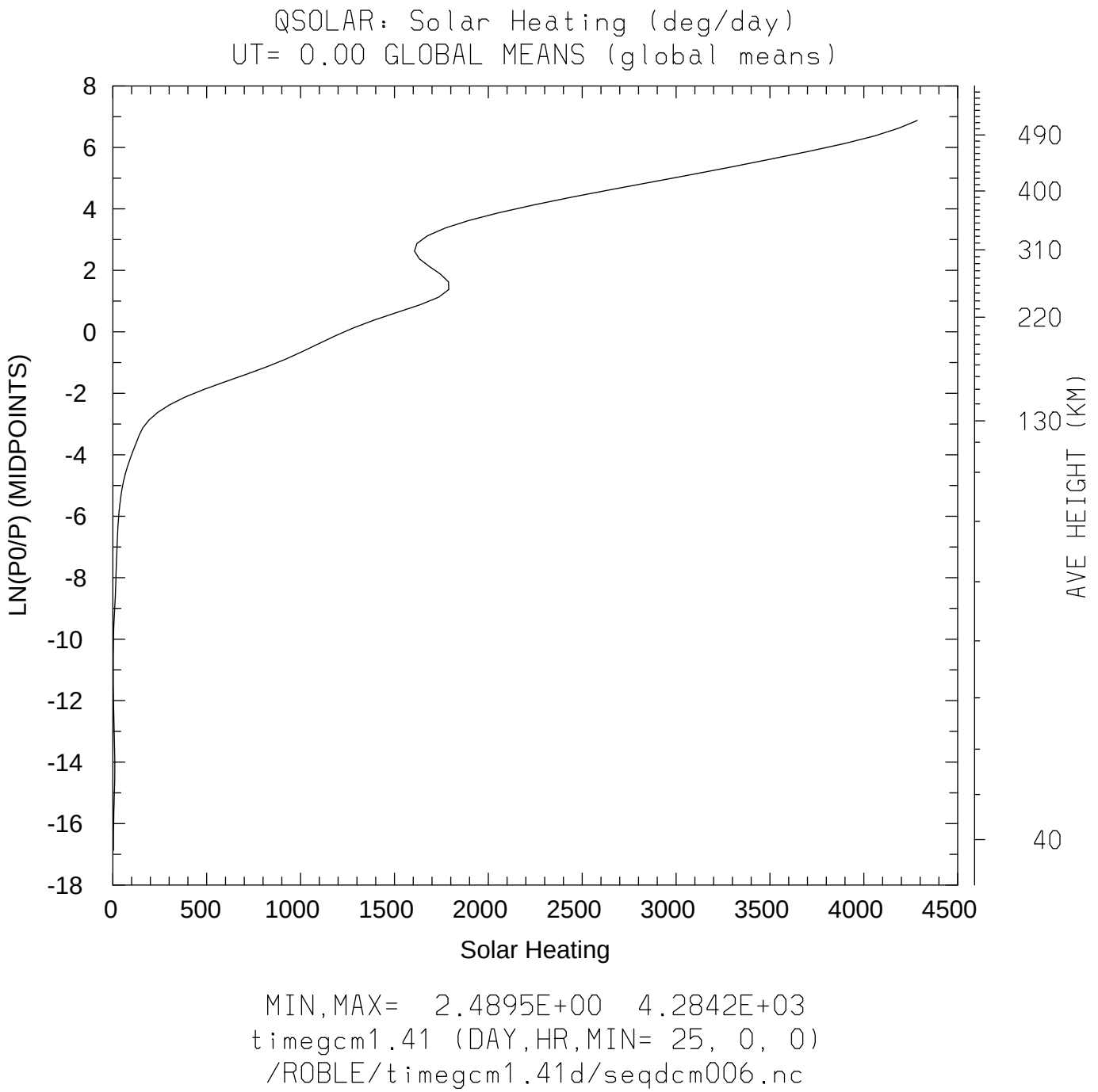


MIN,MAX= 2.6403E+00 1.7508E+10
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

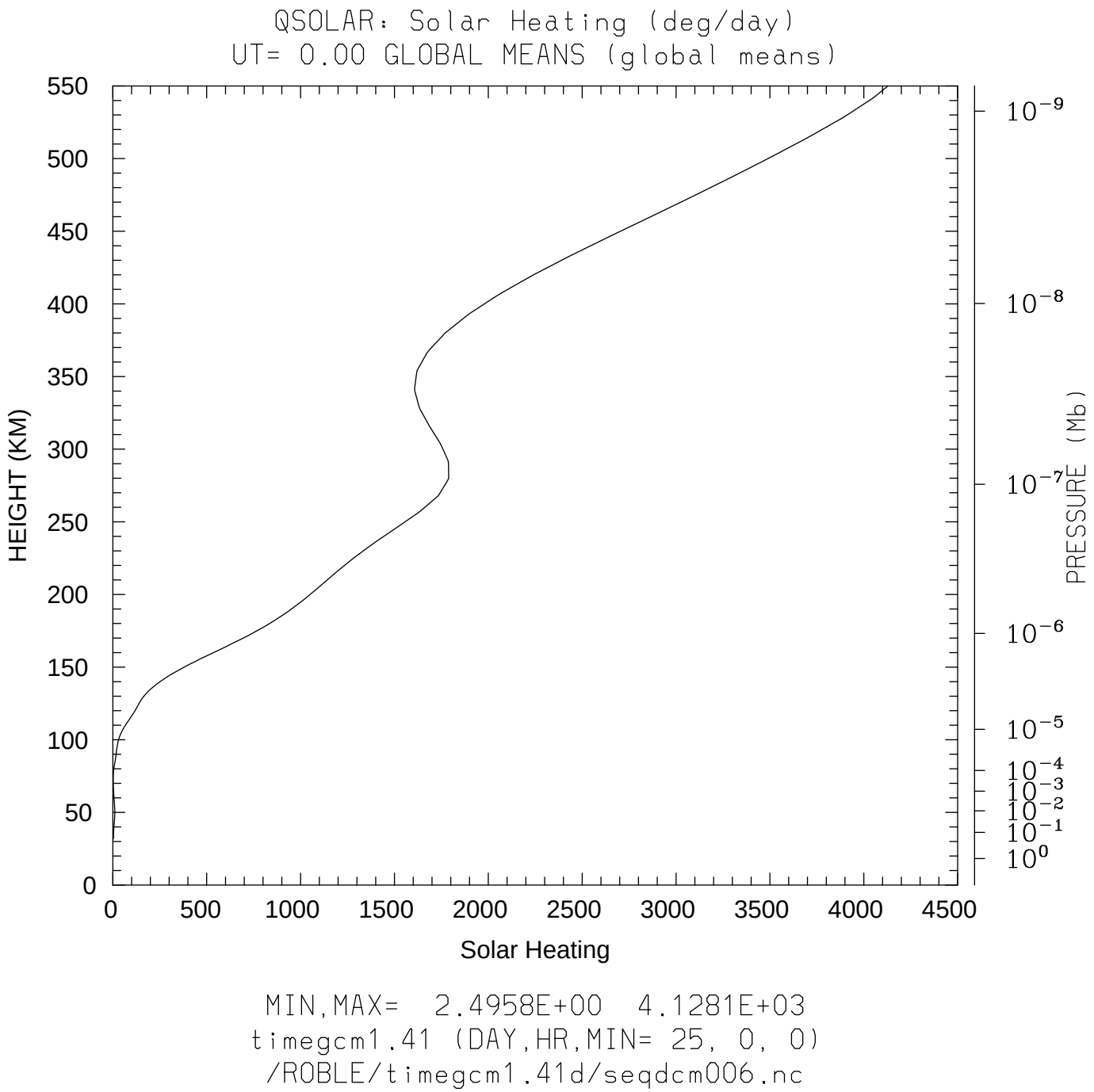

CARBON MONOXIDE (CO) (CM3)
UT= 0.00 GLOBAL MEANS (global means)
HEIGHT (KM)
550
500
450
400
350
300
250
200
150
100
50
0
0
2×10 9
6×10 9
10×10 9
14×10 9
18×10 9
CARBON MONOXIDE (CO)
PRESSURE (Mb)
10−9
10−8
10−7
10−6
10−5
10−4
10−3
10−2
10−1
100
MIN,MAX= 4.9731E+00 1.7449E+10
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc


CARBON DIOXIDE (CO2) (CM3)
UT= 0.00 GLOBAL MEANS (global means)
LN(P0/P) (MIDPOINTS)
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
4×10 13
8×10 13
12×10 13
16×10 13
20×10 13
24×10 13
CARBON DIOXIDE (CO2)
AVE HEIGHT (KM)
490
400
310
220
130
40
MIN,MAX= 3.7983E-05 2.5744E+14
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

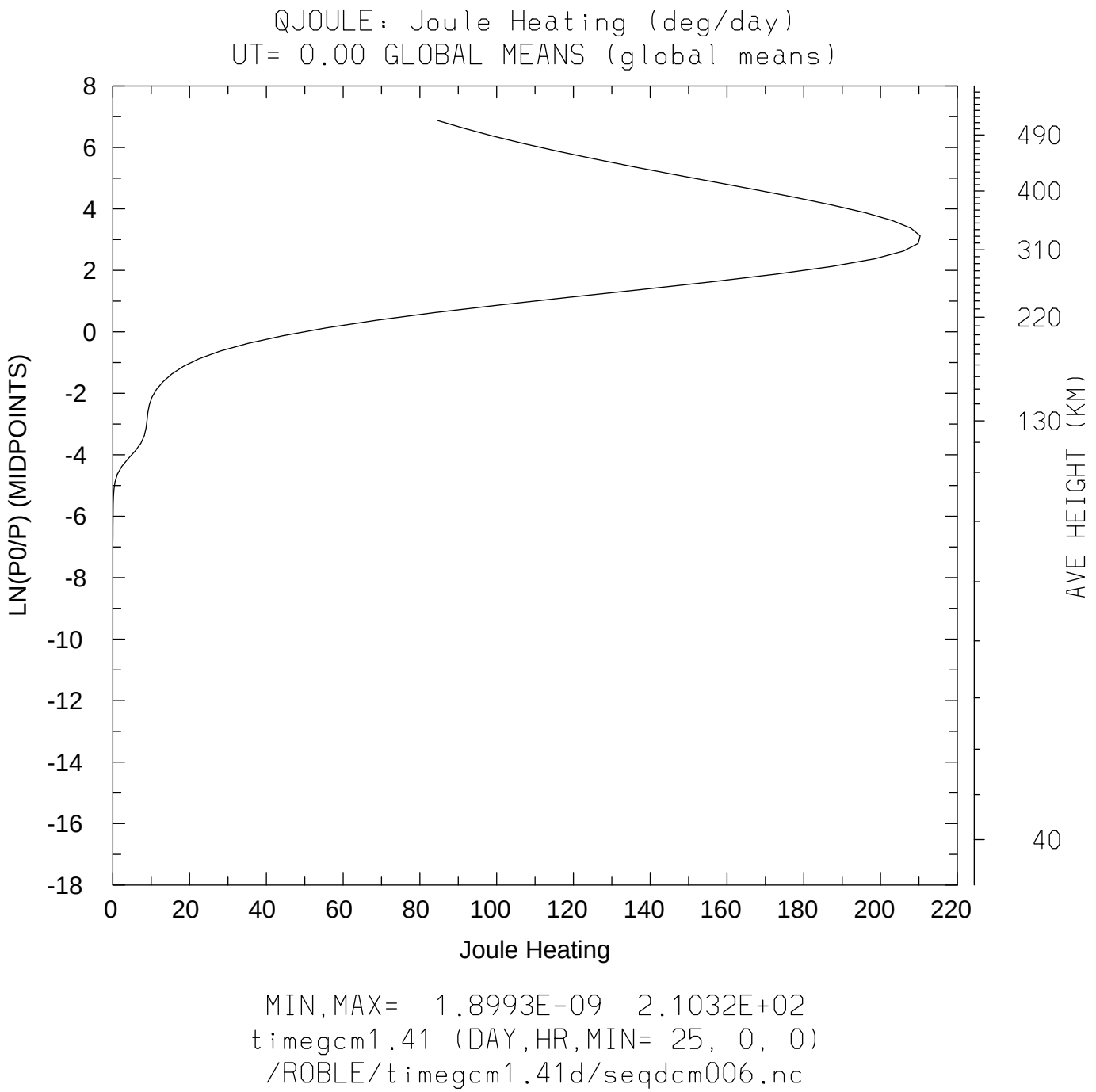

CARBON DIOXIDE (CO2) (CM3)
UT= 0.00 GLOBAL MEANS (global means)
HEIGHT (KM)
550
500
450
400
350
300
250
200
150
100
50
0
0
2×10 13
6×10 13
10×10 13
14×10 13
18×10 13
22×10 13
CARBON DIOXIDE (CO2)
PRESSURE (Mb)
10−9
10−8
10−7
10−6
10−5
10−4
10−3
10−2
10−1
100
MIN,MAX= 1.0368E-04 2.0558E+14
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

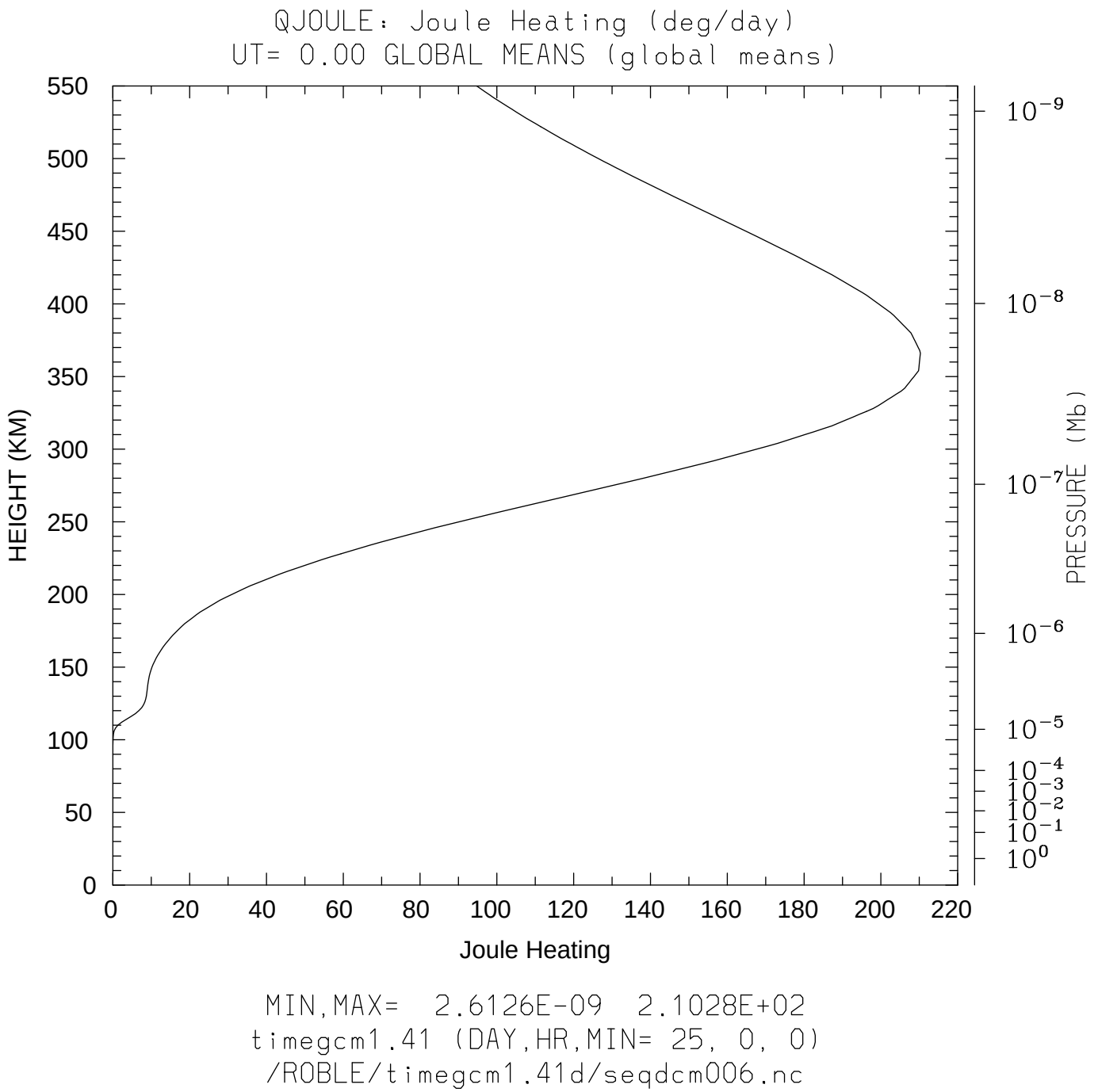


MIN,MAX= 2.4895E+00 4.2842E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

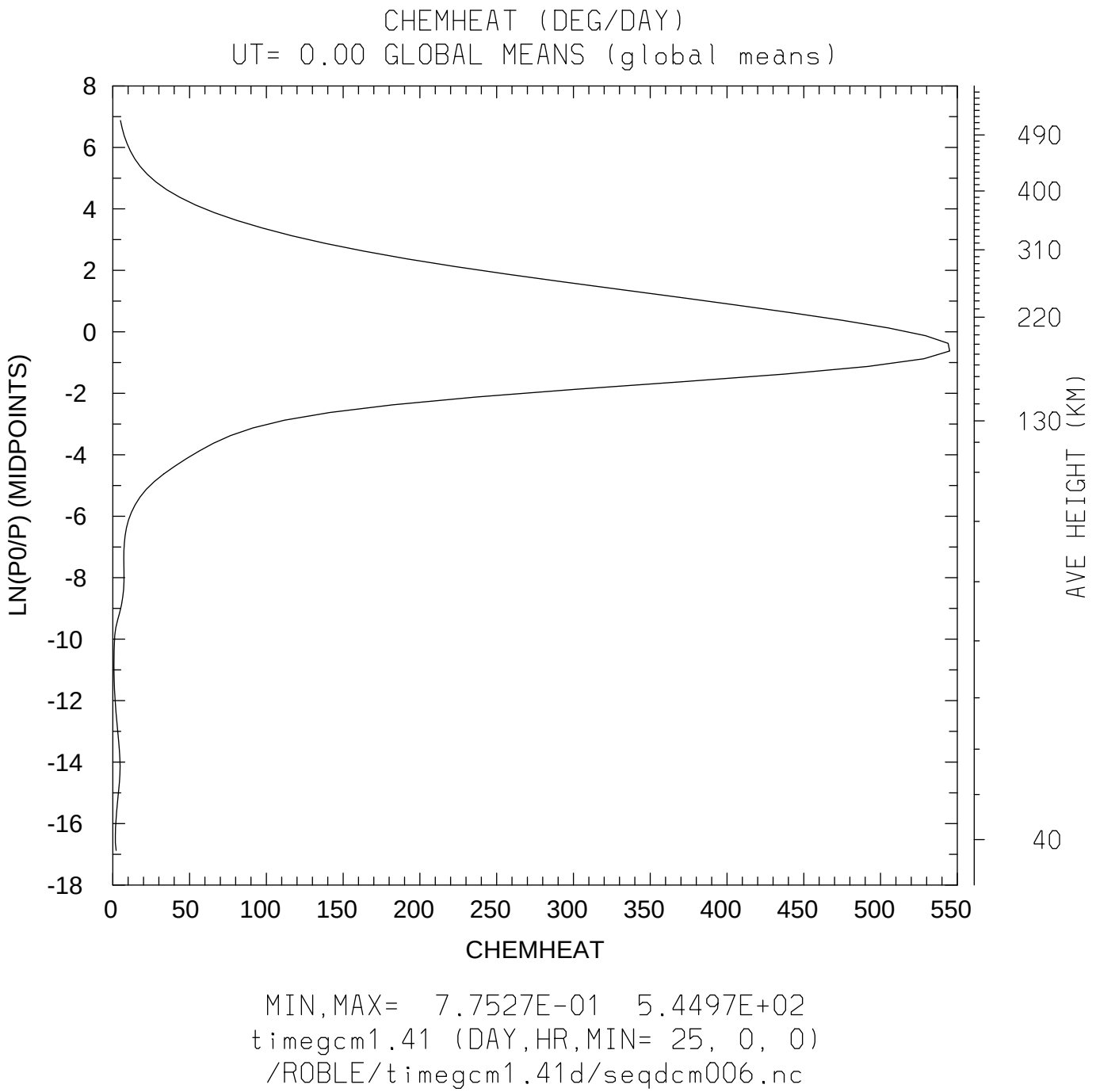


MIN,MAX= 2.4958E+00 4.1281E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc


QJOULE: Joule Heating (deg/day)
UT= 0.00 GLOBAL MEANS (global means)
LN(P0/P) (MIDPOINTS)
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
20
40
60
80
100
120
140
160
180
200
220
Joule Heating
AVE HEIGHT (KM)
490
400
310
220
130
40
MIN,MAX= 1.8993E-09 2.1032E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc



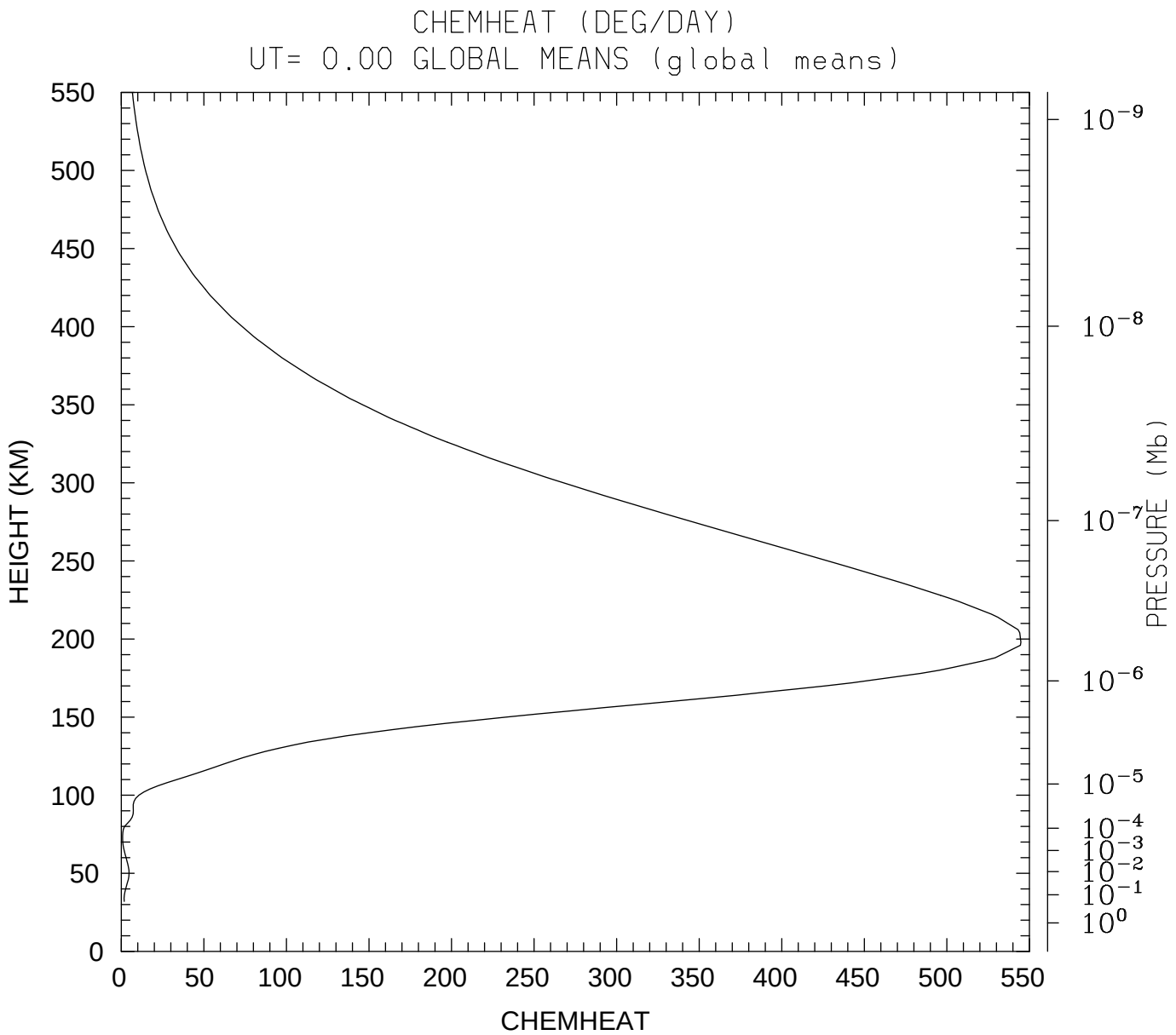
MIN,MAX= 2.6126E-09 2.1028E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc



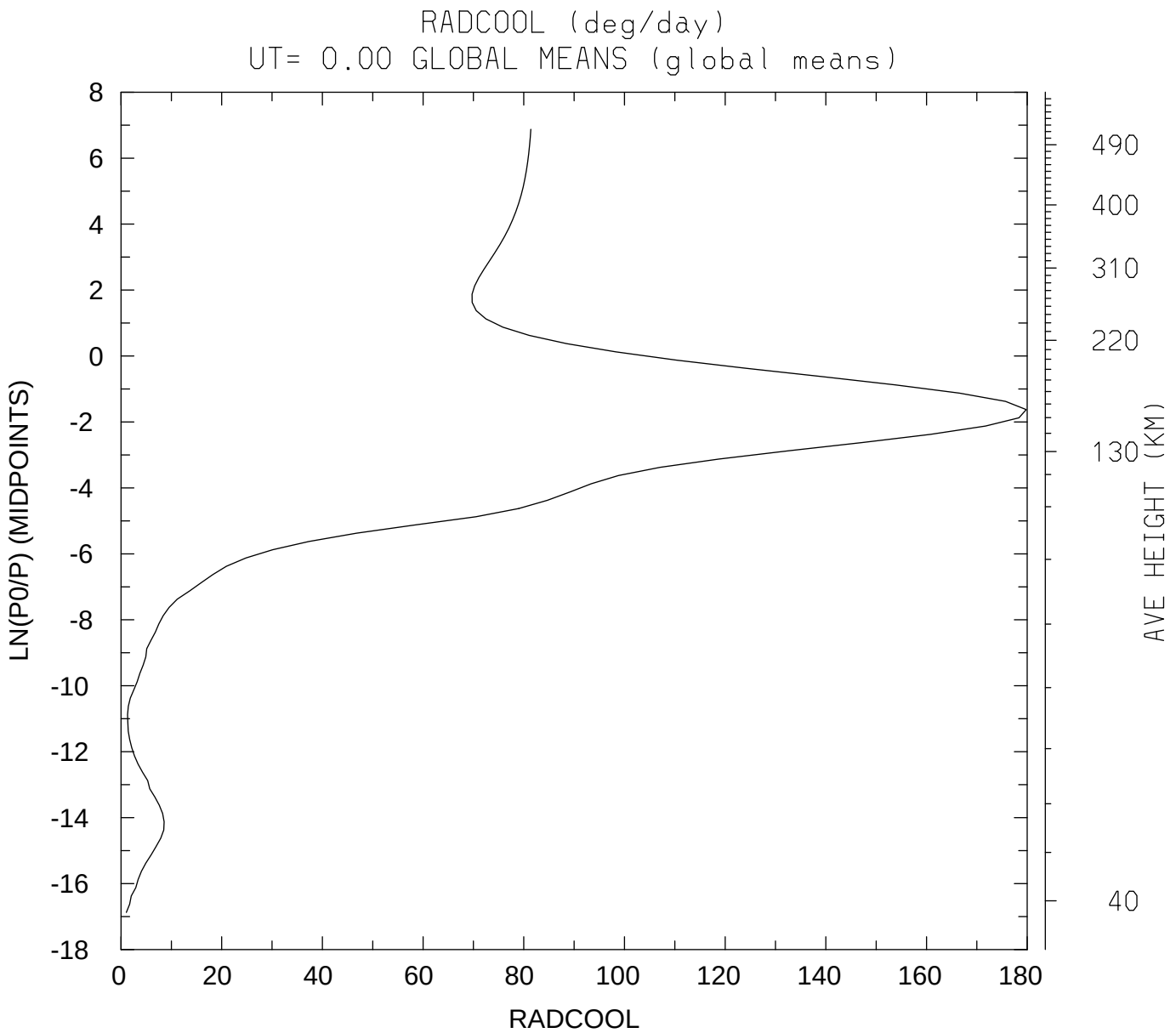
MIN,MAX= 7.7527E-01 5.4497E+02

timegcm1.41 (DAY,HR,MIN= 25, 0, 0)

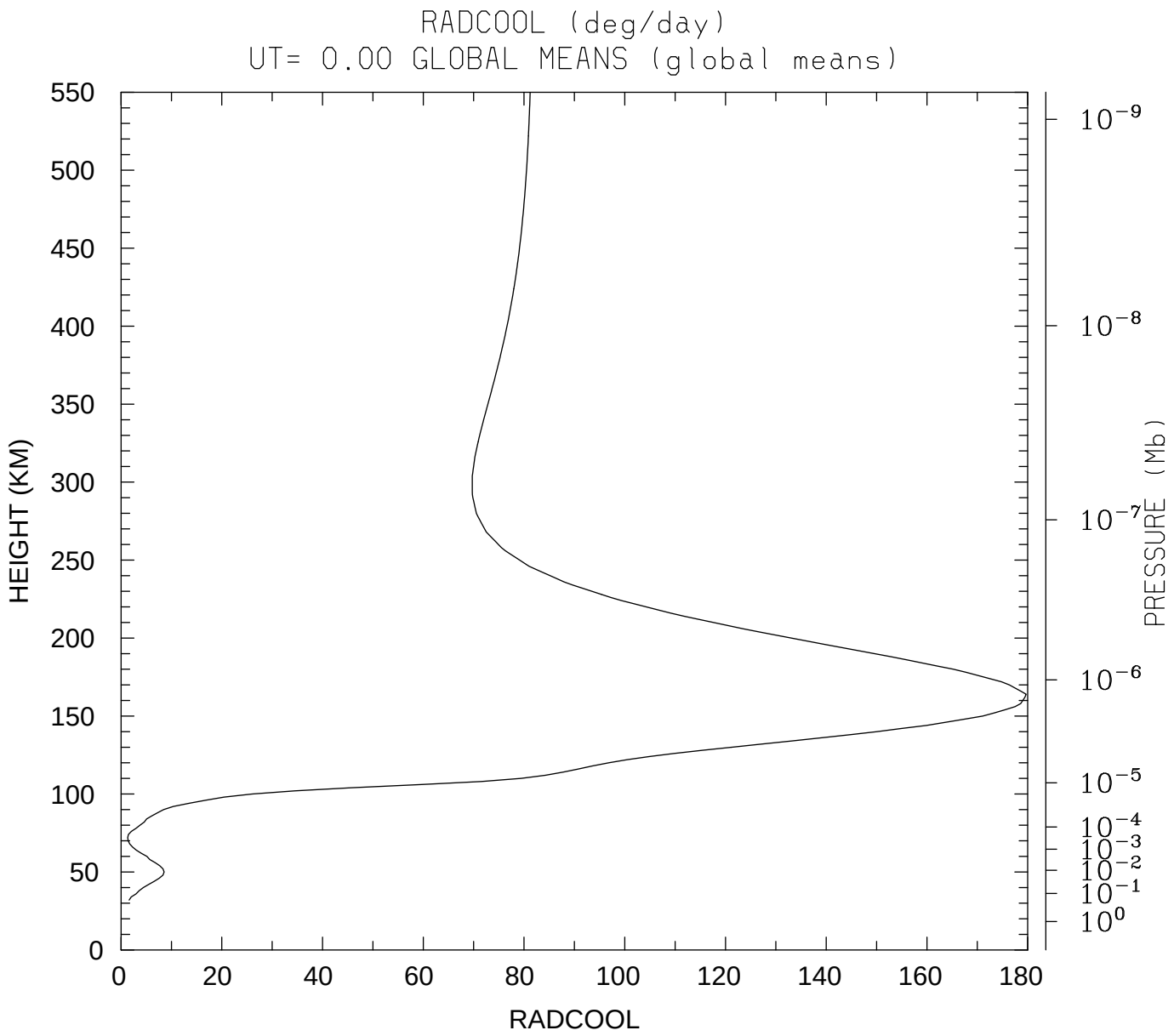
/ROBLE/timegcm1.41d/seqdcm006.nc



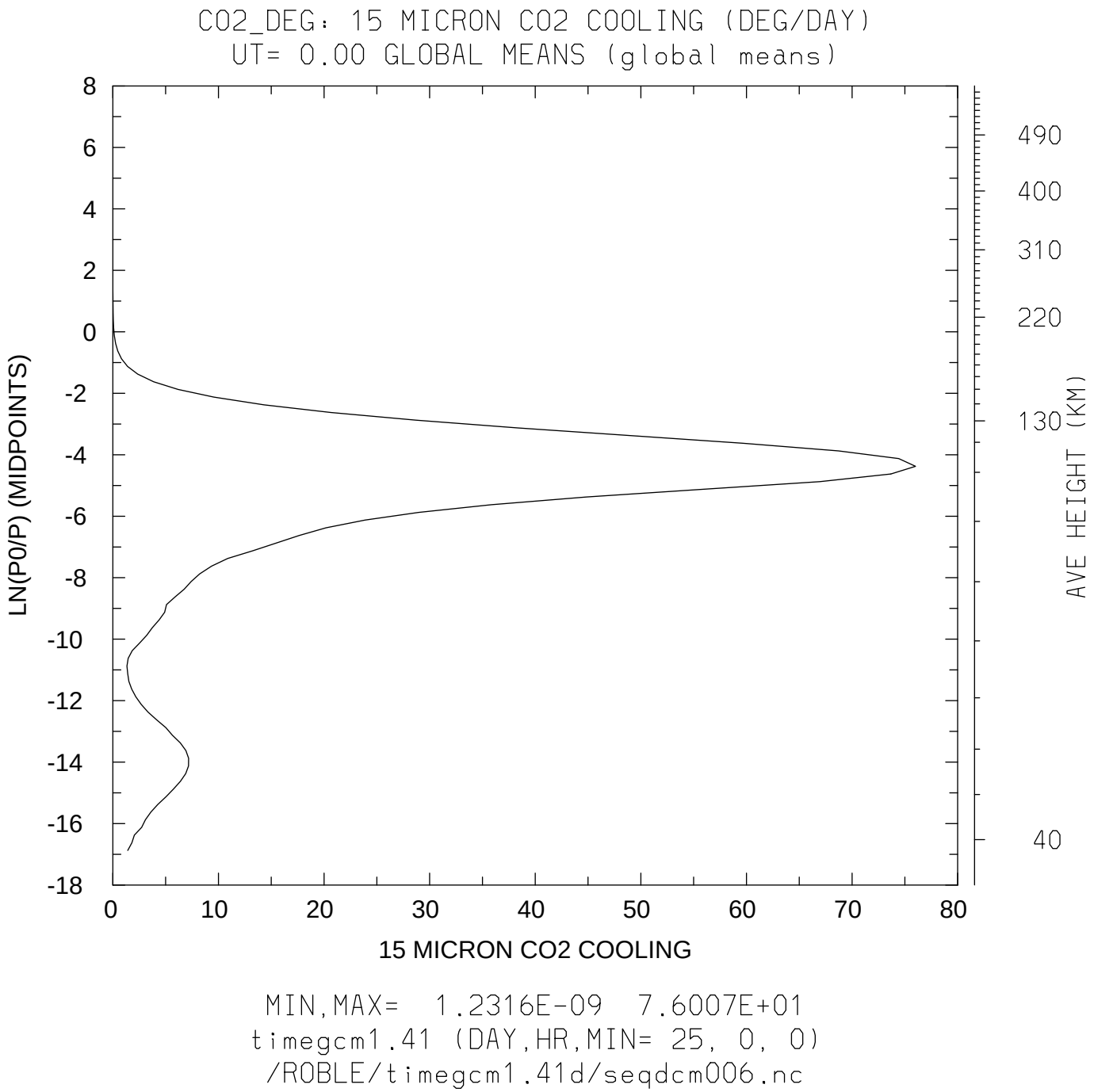
MIN,MAX= 7.9268E-01 5.4479E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

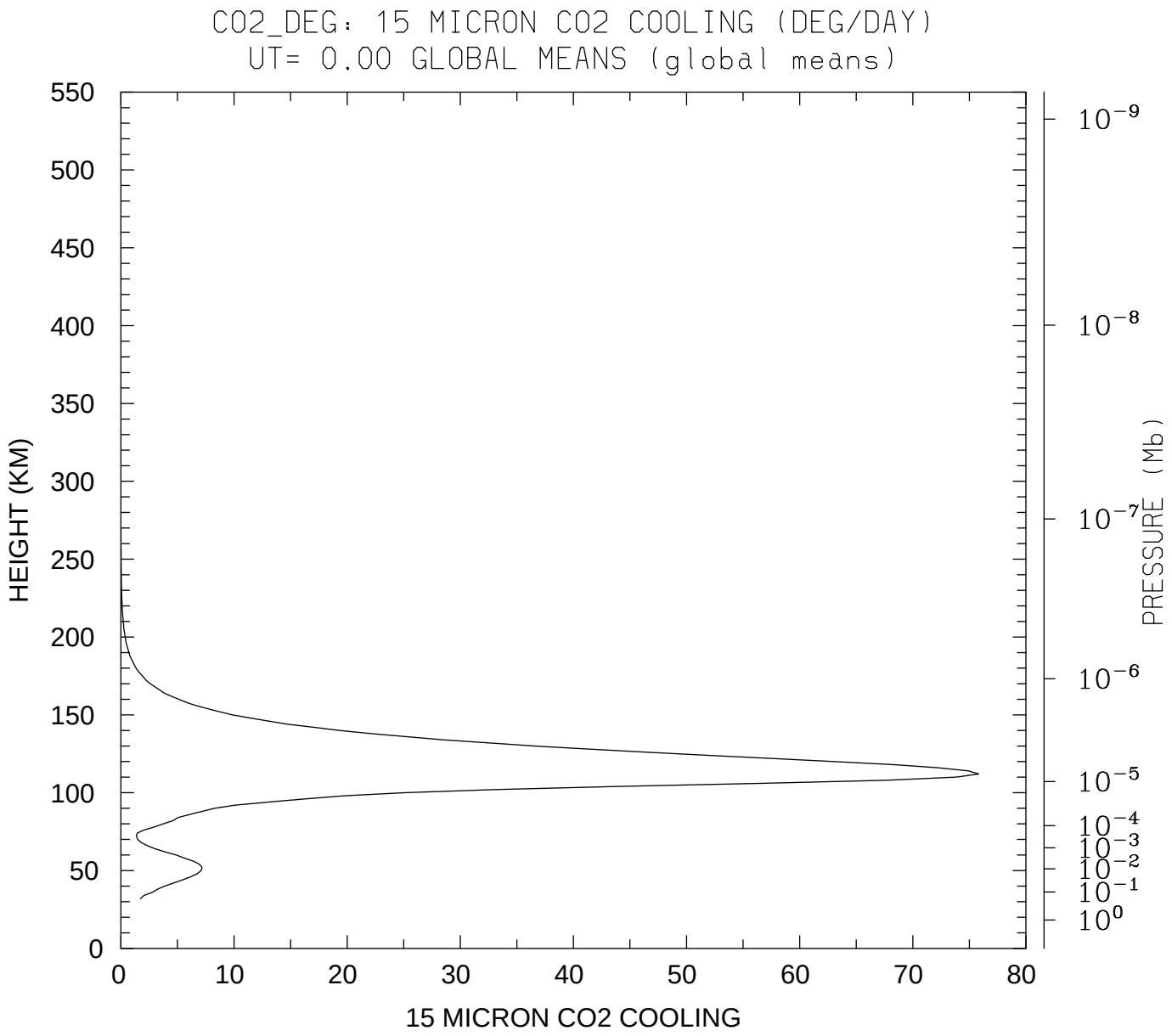


MIN,MAX= 1.0576E+00 1.7981E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc

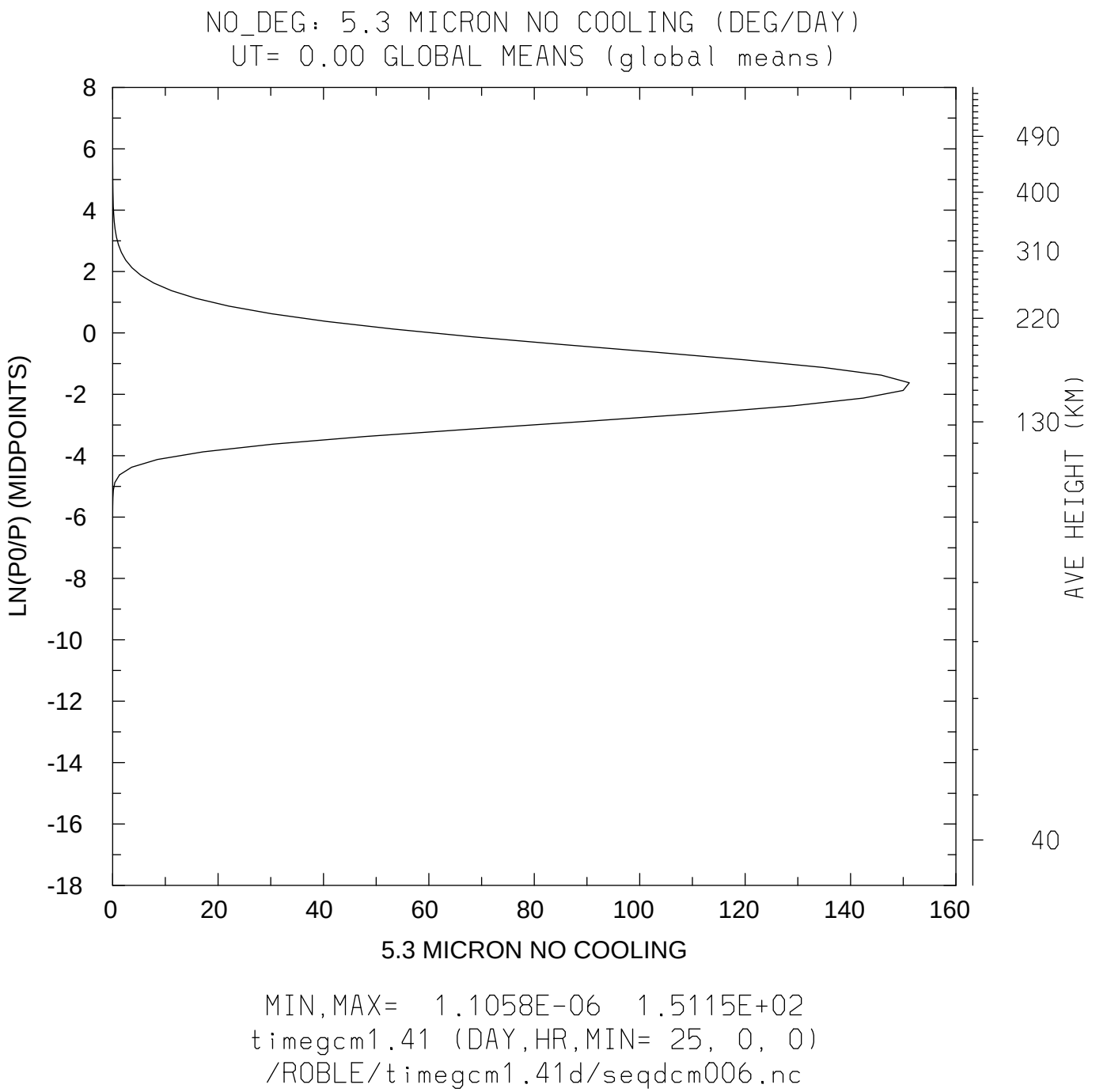


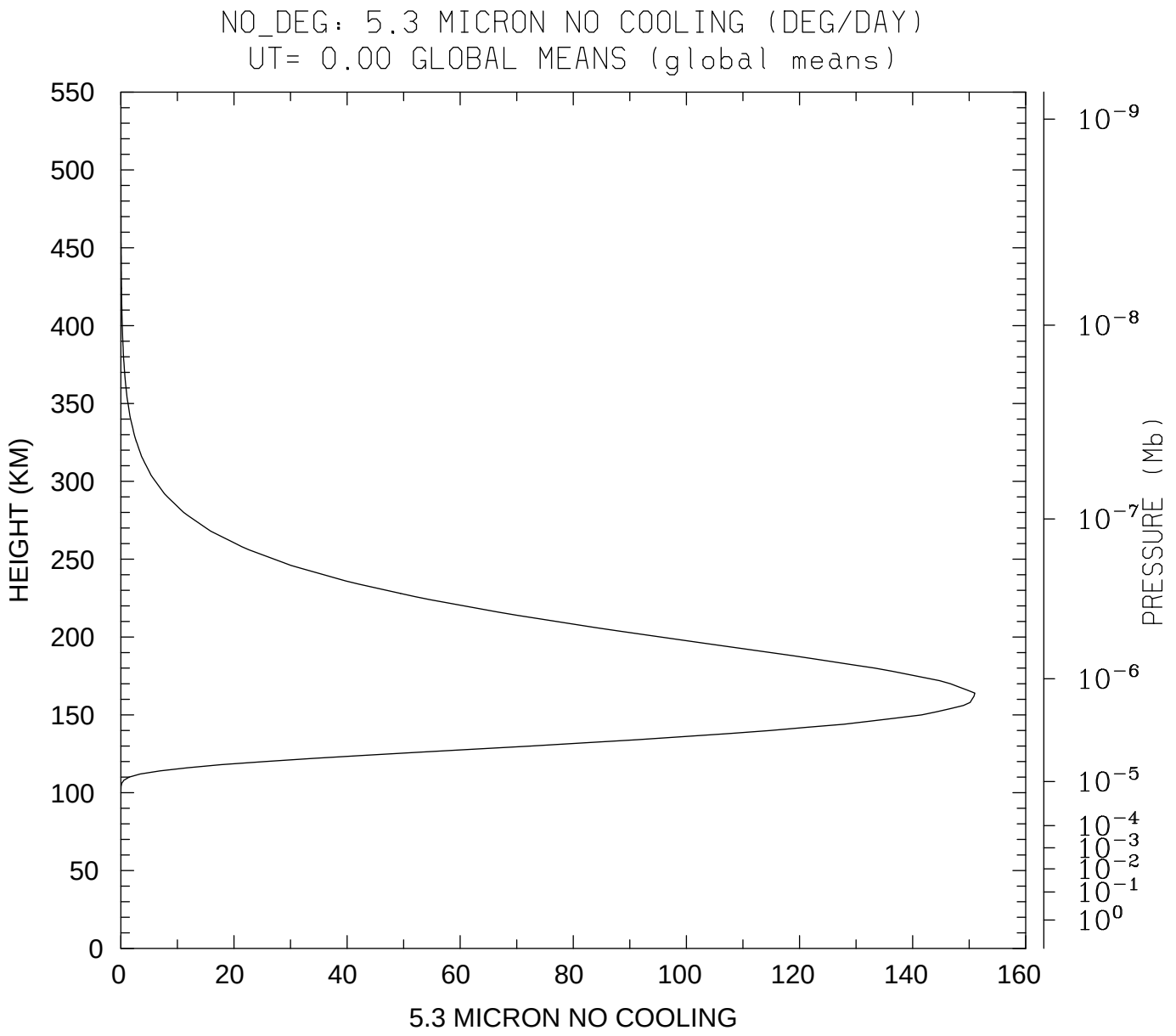
MIN,MAX= 1.3202E+00 1.7970E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc


CO2_DEG: 15 MICRON CO2 COOLING (DEG/DAY)
UT= 0.00 GLOBAL MEANS (global means)
LN(P0/P) (MIDPOINTS)
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
10
20
30
40
50
60
70
80
15 MICRON CO2 COOLING
AVE HEIGHT (KM)
490
400
310
220
130
40
MIN,MAX= 1.2316E-09 7.6007E+01
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc



MIN,MAX= 3.5574E-09 7.5820E+01
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc


NO_DEG: 5.3 MICRON NO COOLING (DEG/DAY)
UT= 0.00 GLOBAL MEANS (global means)
LN(P0/P) (MIDPOINTS)
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
20
40
60
80
100
120
140
160
5.3 MICRON NO COOLING
AVE HEIGHT (KM)
490
400
310
220
130
40
MIN,MAX= 1.1058E-06 1.5115E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc



MIN,MAX= 1.1140E-06 1.5101E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
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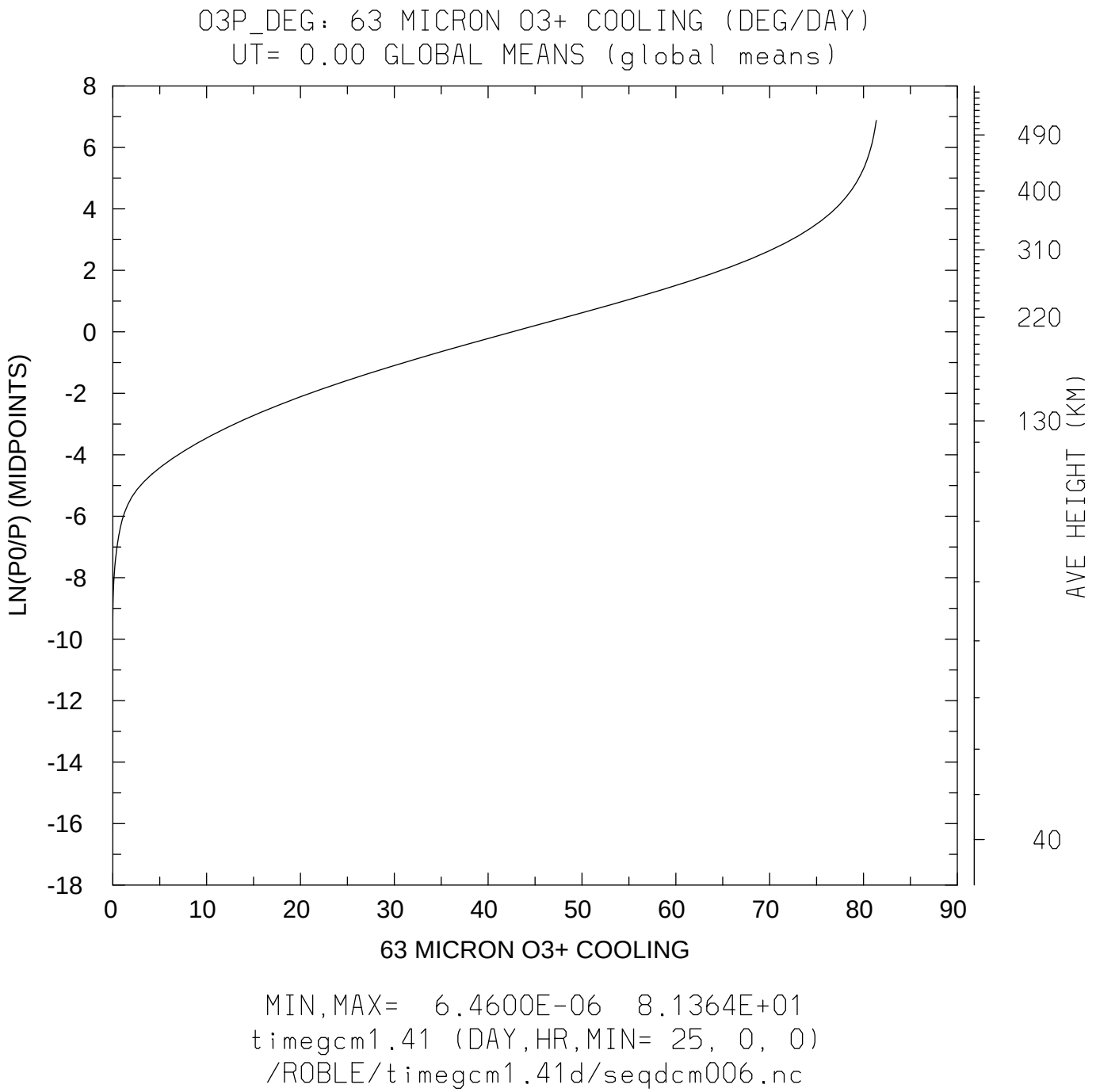
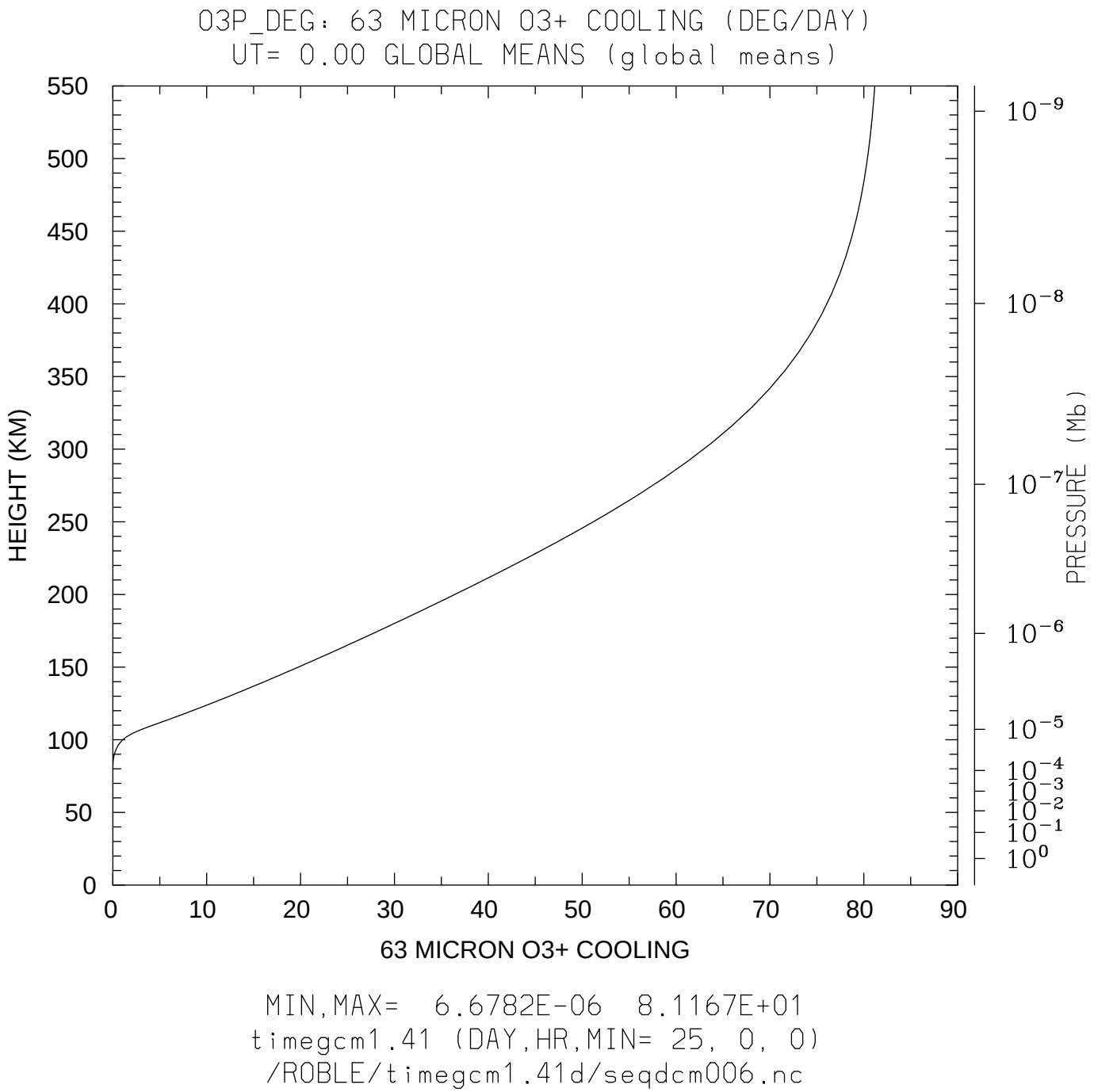


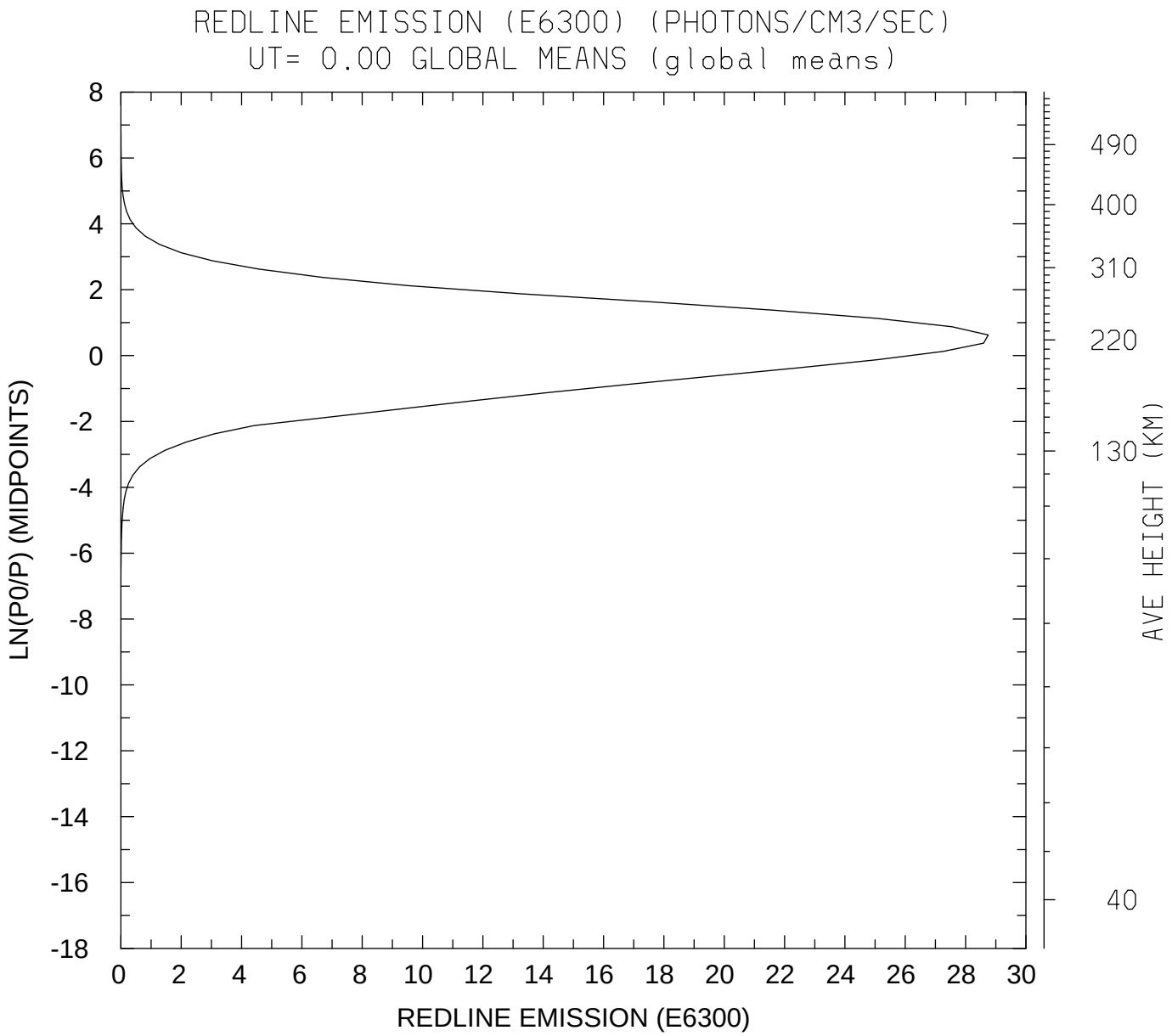
MIN,MAX= 6.4600E-06 8.1364E+01
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc



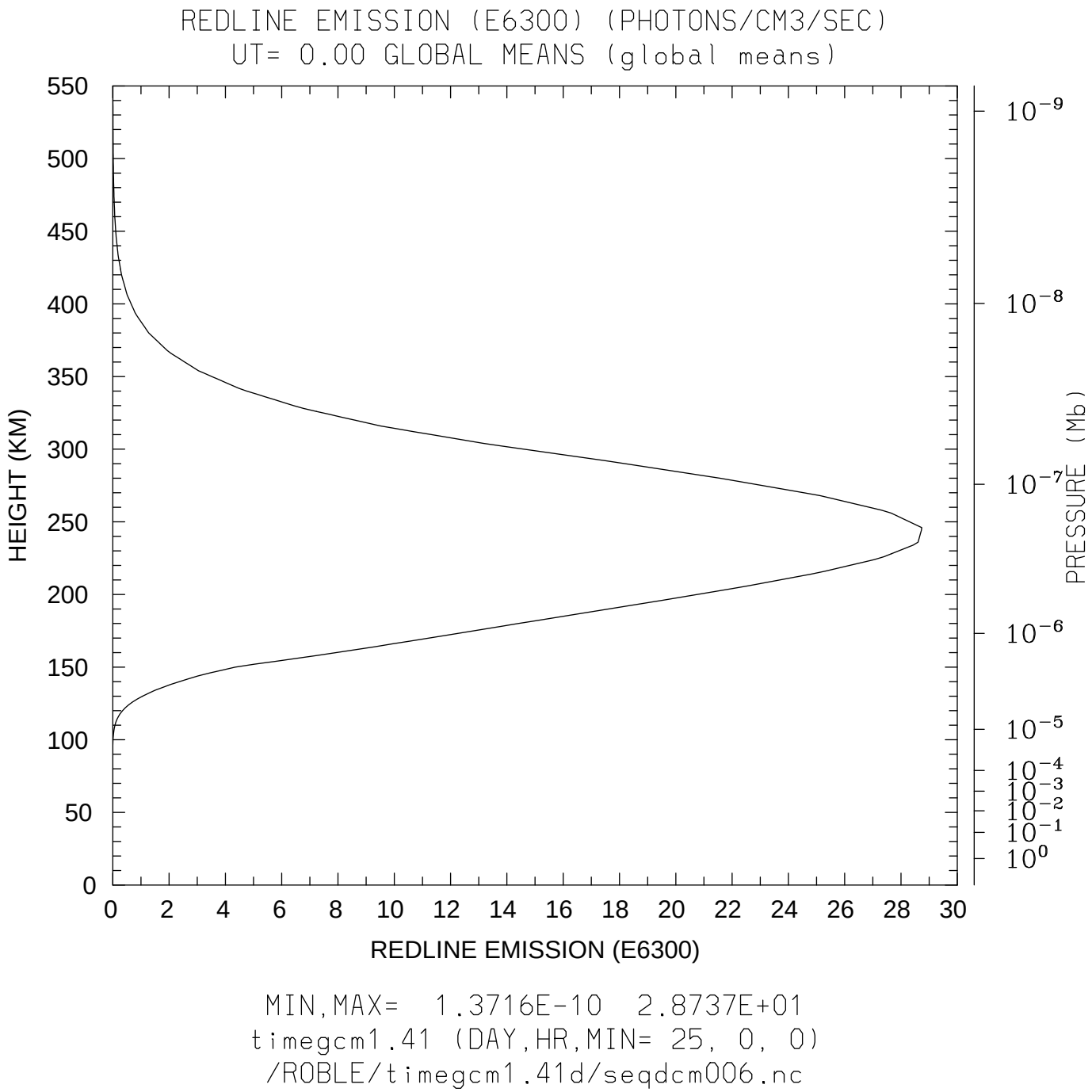
MIN,MAX= 6.6782E-06 8.1167E+01

timegcm1.41 (DAY,HR,MIN= 25, 0, 0)

/ROBLE/timegcm1.41d/seqdcm006.nc



MIN,MAX= 1.2444E-10 2.8749E+01
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc



MIN,MAX= 1.3716E-10 2.8737E+01
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqdcm006.nc