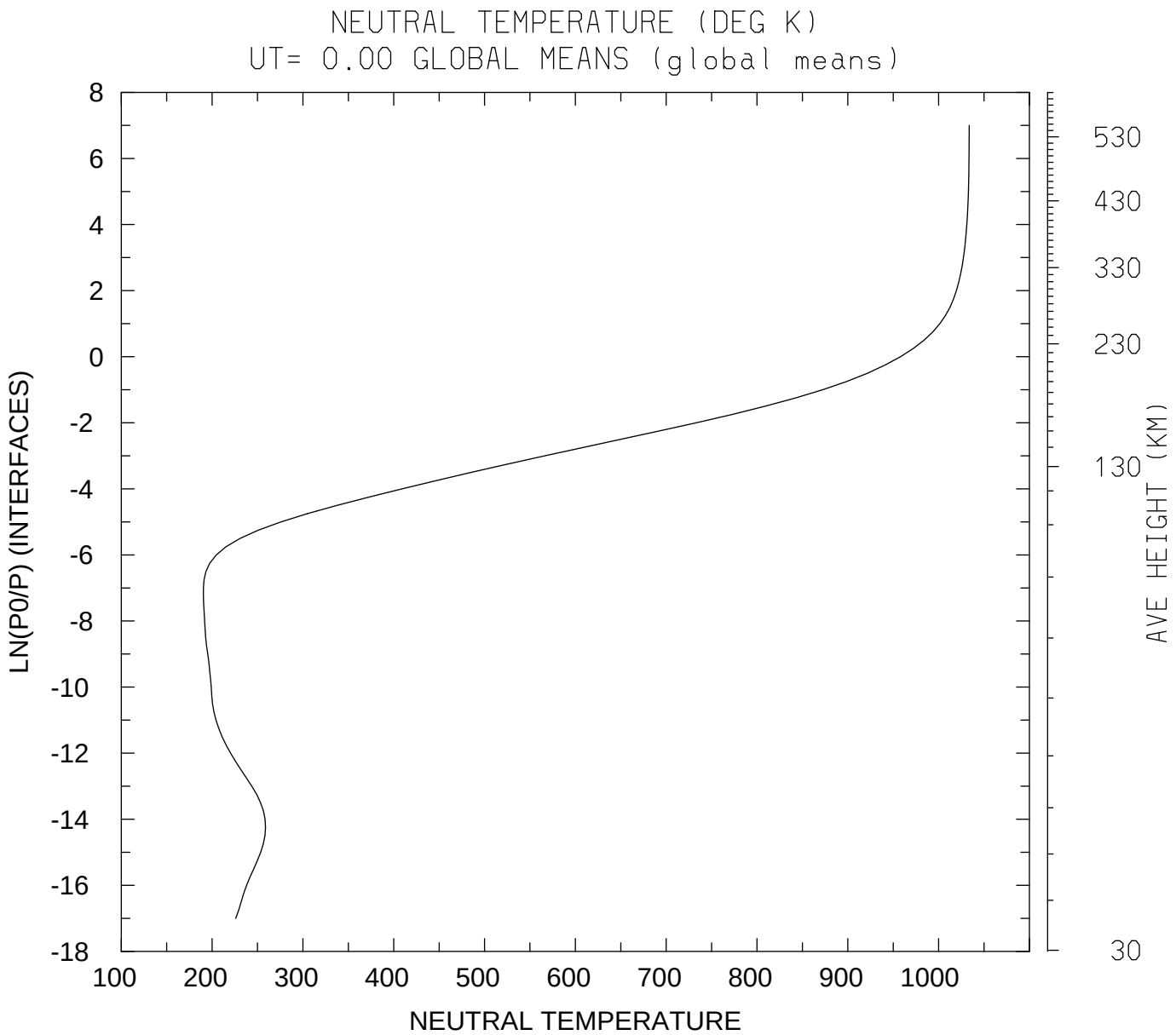
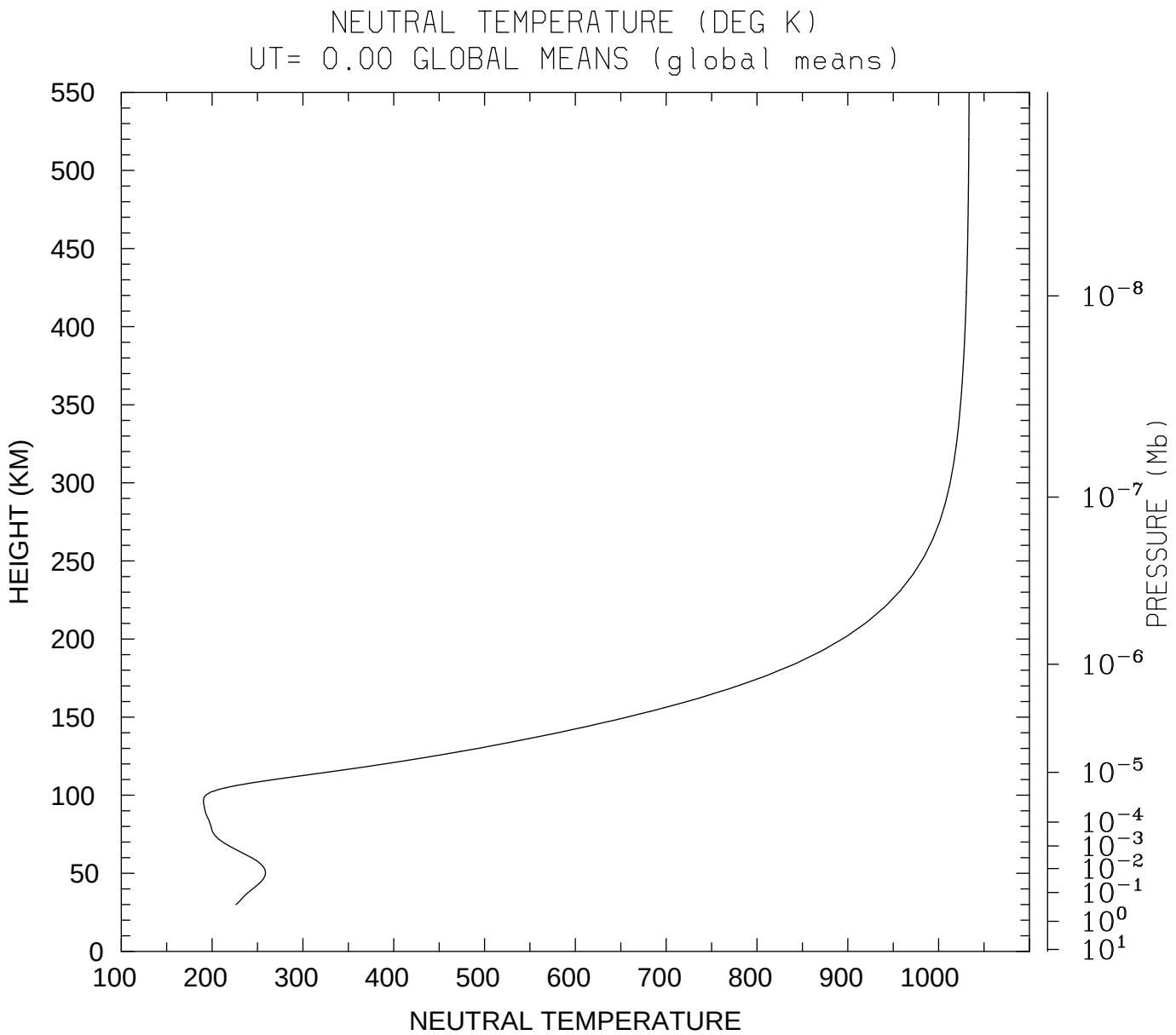
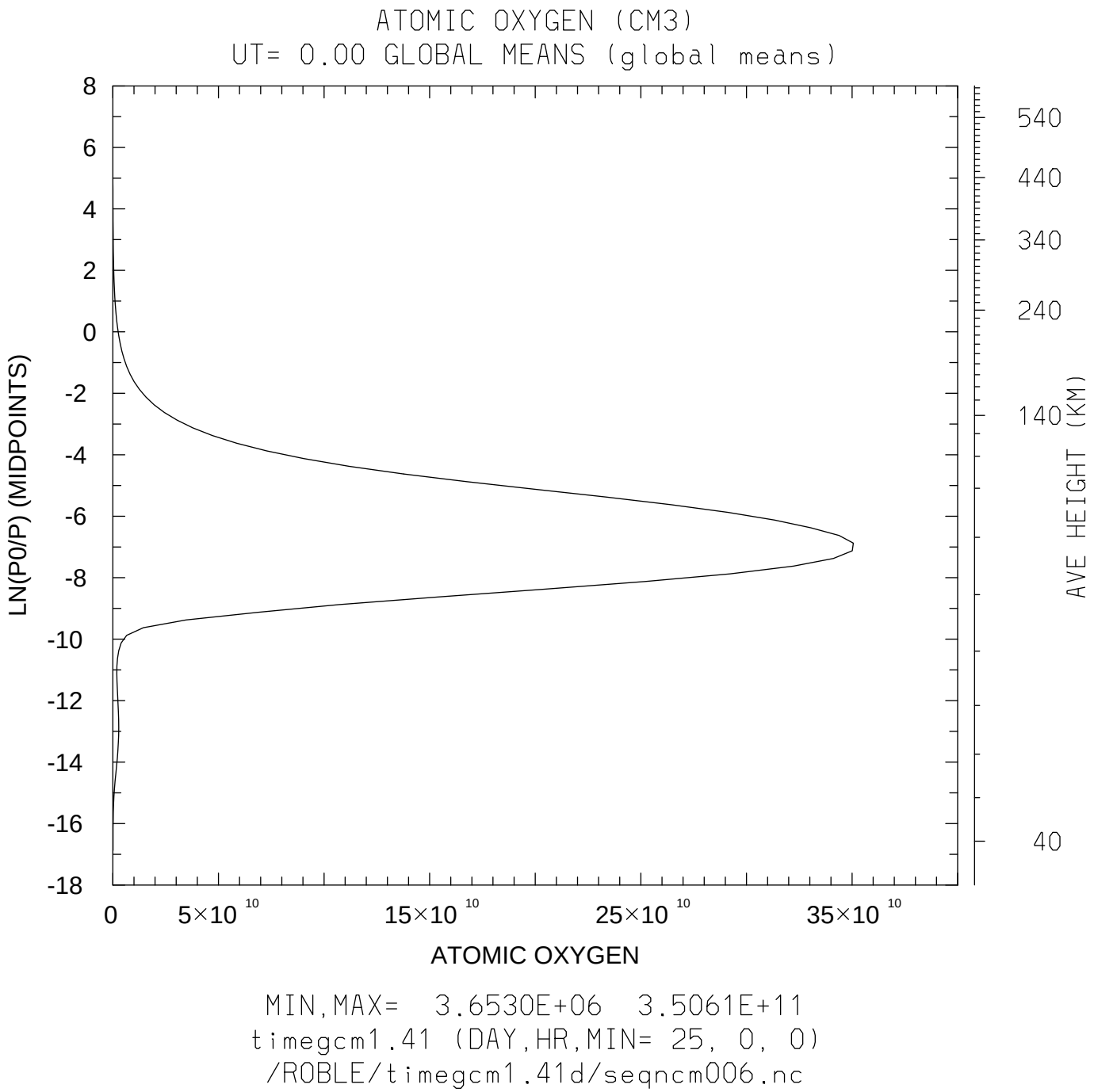
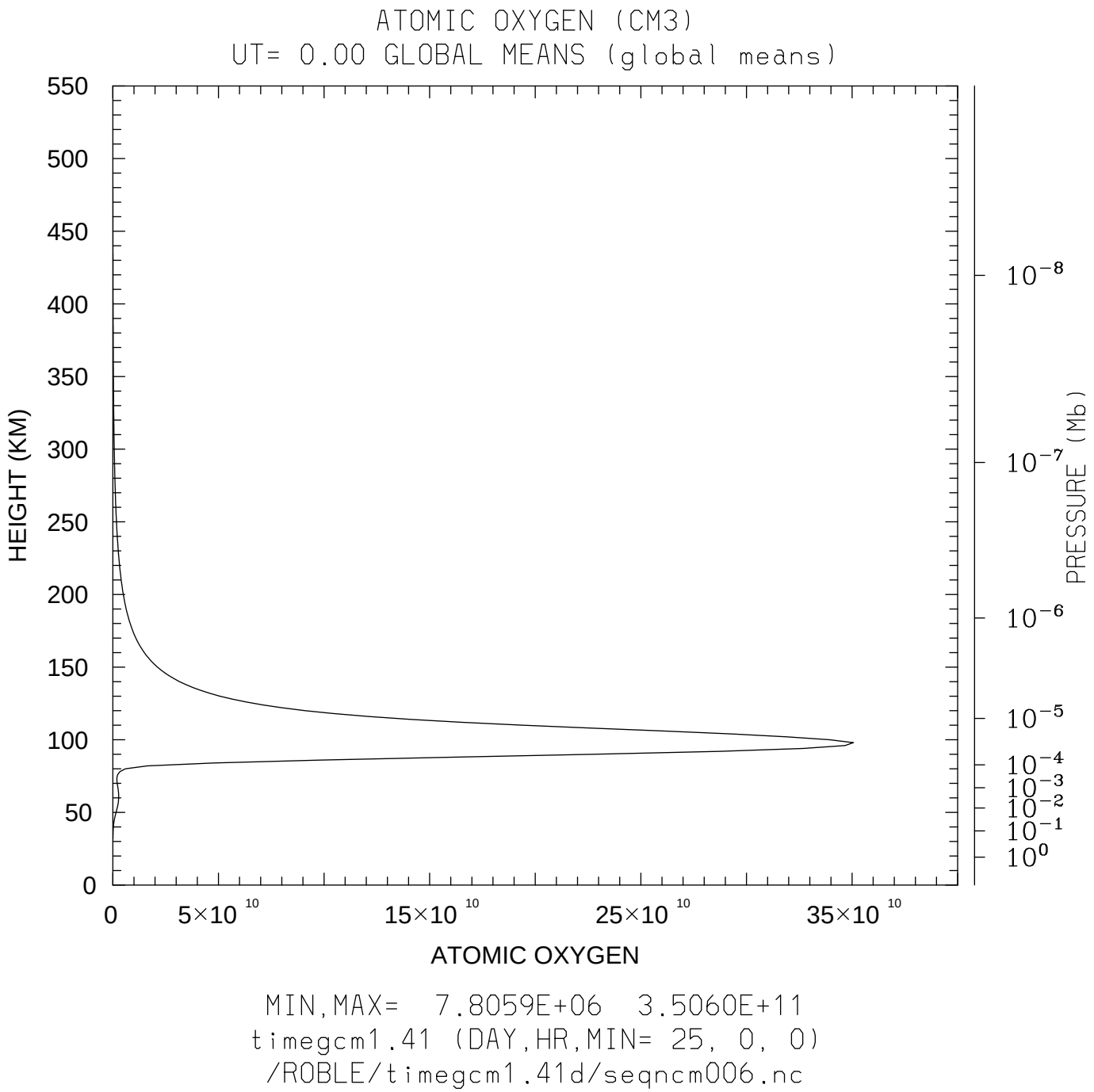


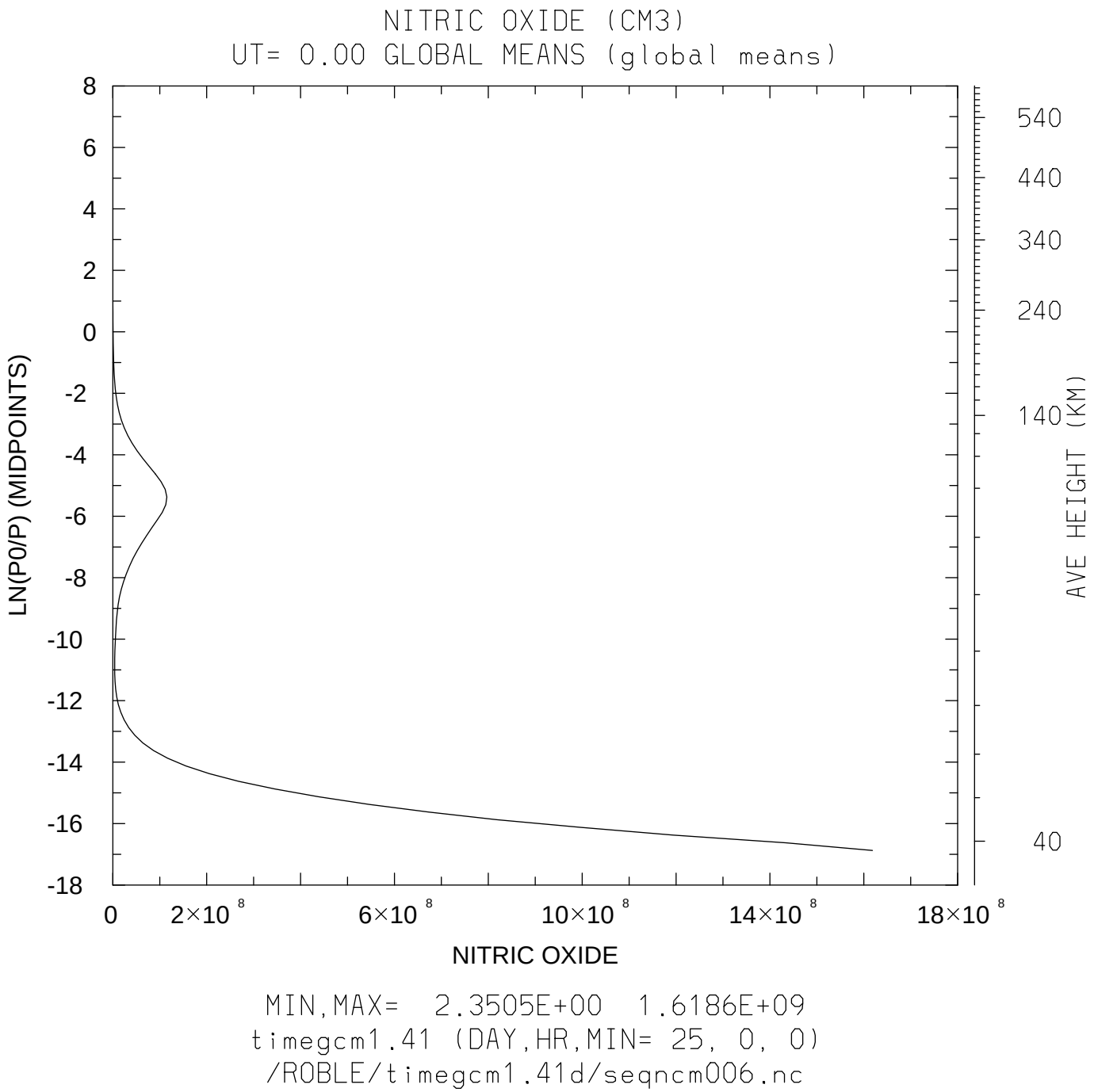
MIN,MAX= 1.9040E+02 1.0336E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

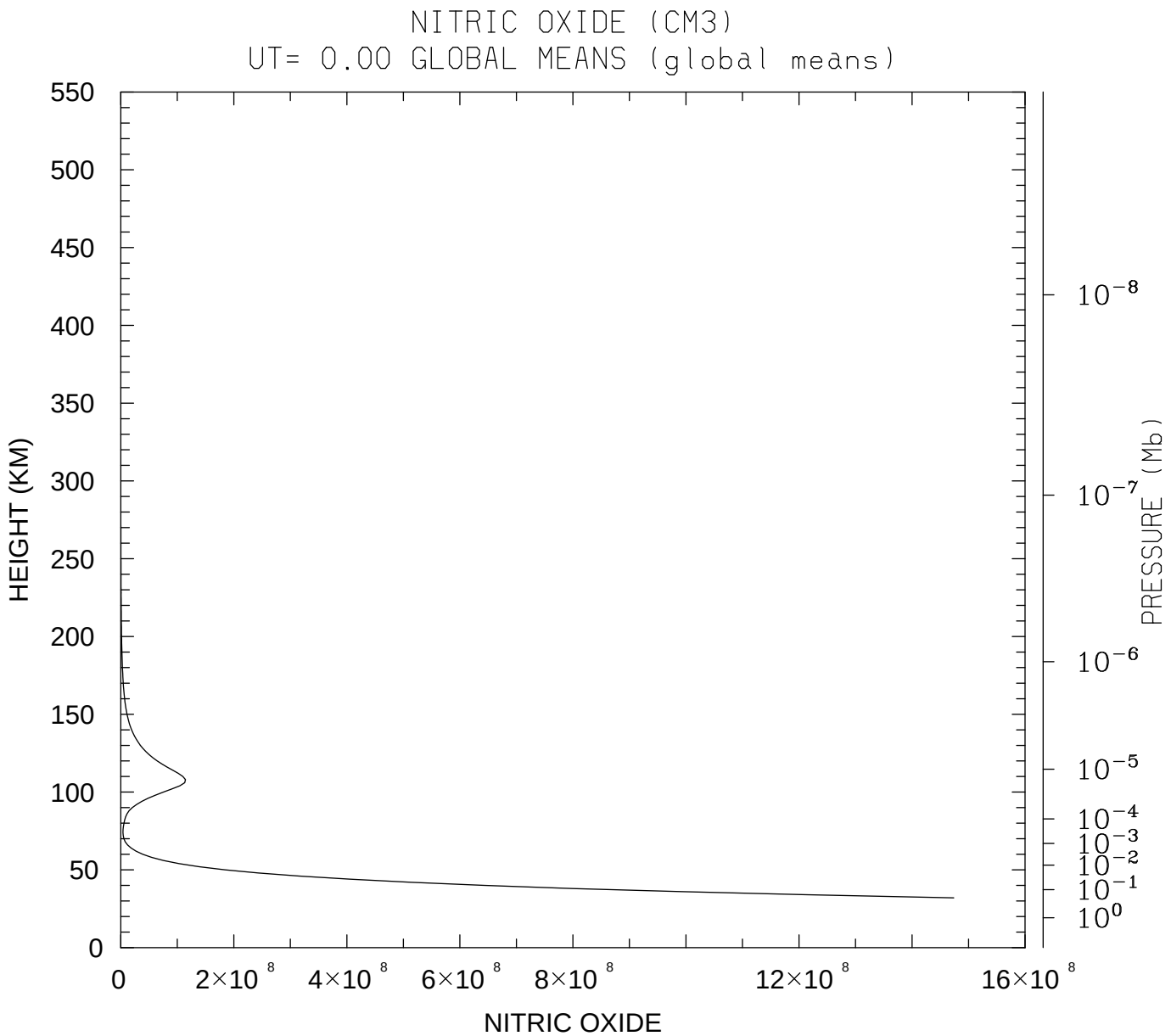


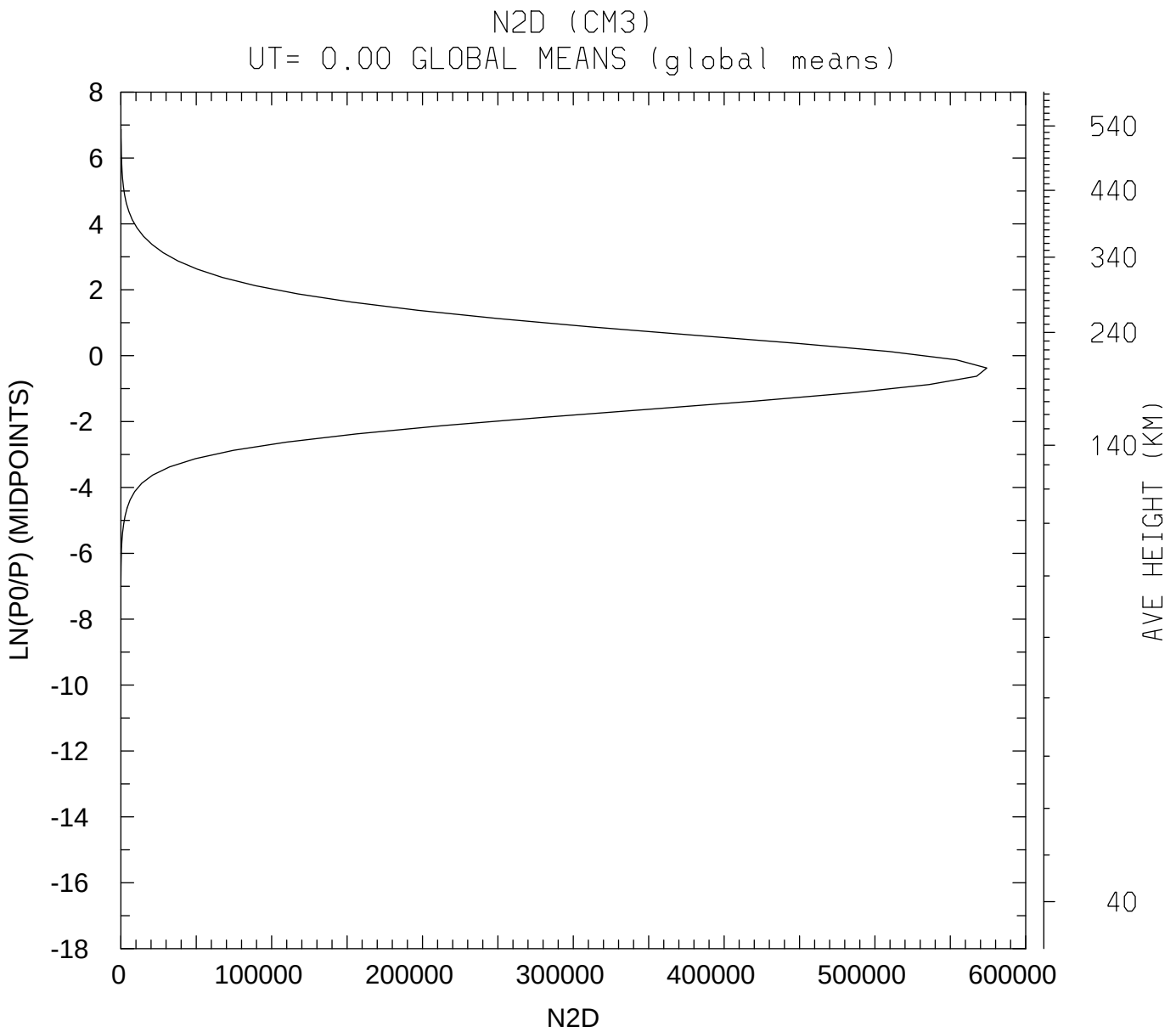
MIN,MAX= 1.9040E+02 1.0335E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc


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
0
5×10 10
15×10 10
25×10 10
35×10 10
ATOMIC OXYGEN
AVE HEIGHT (KM)
540
440
340
240
140
40
MIN,MAX= 3.6530E+06 3.5061E+11
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

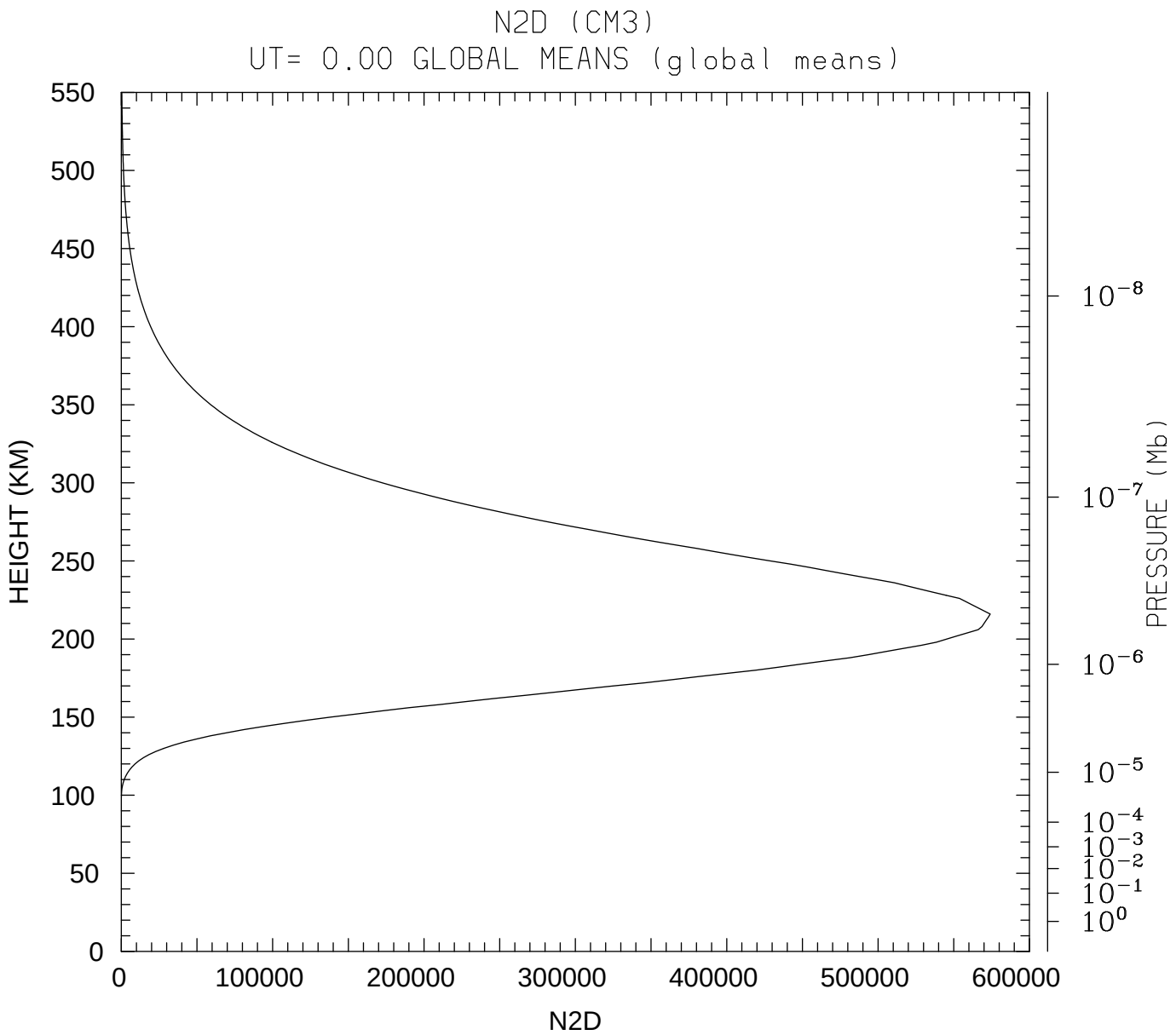

ATOMIC OXYGEN (CM3)
UT= 0.00 GLOBAL MEANS (global means)
HEIGHT (KM)
550
500
450
400
350
300
250
200
150
100
50
0
0
5×10 10
15×10 10
25×10 10
35×10 10
ATOMIC OXYGEN
PRESSURE (Mb)
10−8
10−7
10−6
10−5
10−4
10−3
10−2
10−1
100
MIN,MAX= 7.8059E+06 3.5060E+11
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc


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)
540
440
340
240
140
40
MIN,MAX= 2.3505E+00 1.6186E+09
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

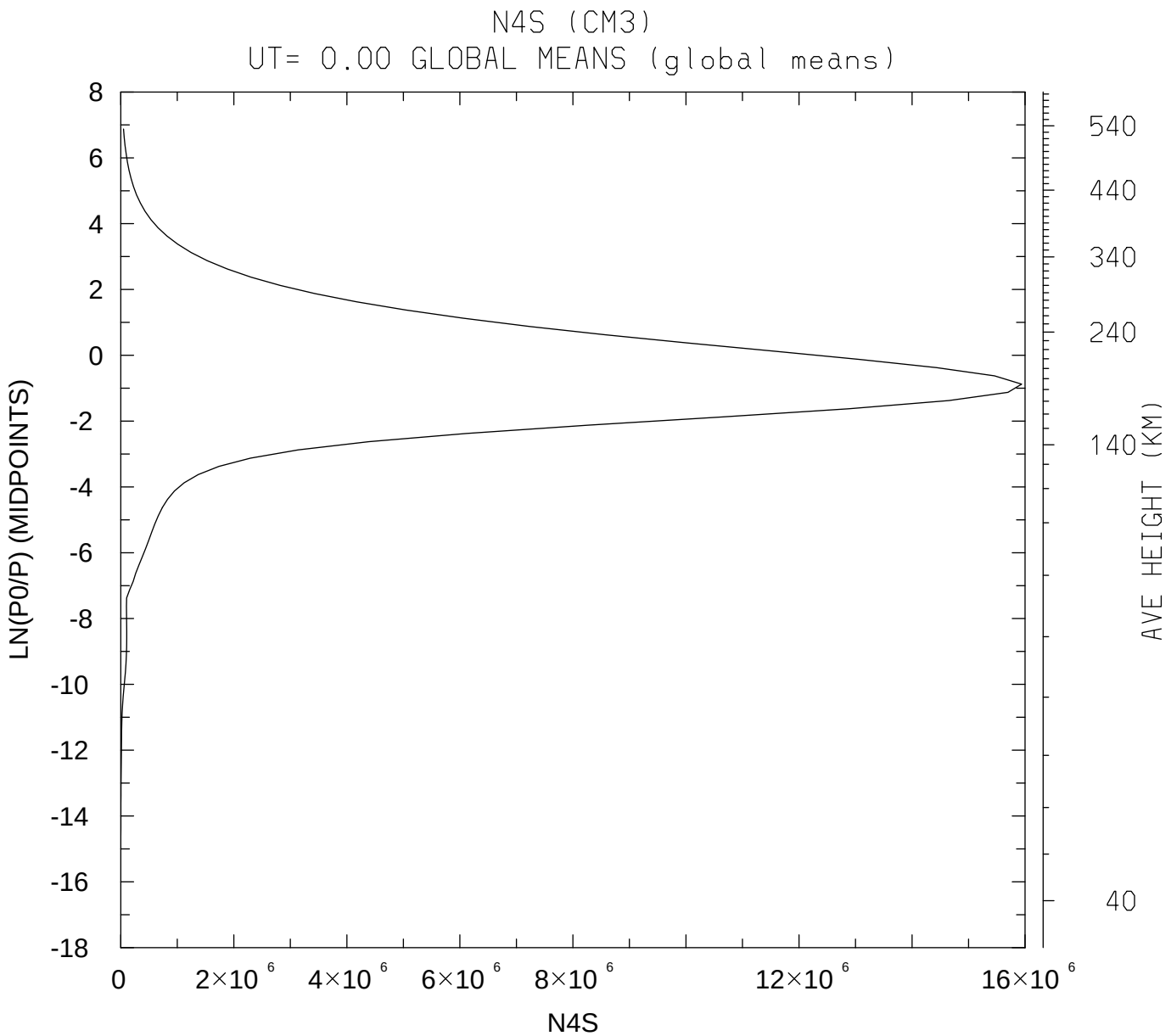

NITRIC OXIDE (CM3)
UT= 0.00 GLOBAL MEANS (global means)
HEIGHT (KM)
550
500
450
400
350
300
250
200
150
100
50
0
0
2×10 8
4×10 8
6×10 8
8×10 8
12×10 8
16×10 8
NITRIC OXIDE
PRESSURE (Mb)
10−8
10−7
10−6
10−5
10−4
10−3
10−2
10−1
100
MIN,MAX= 9.7817E+00 1.4739E+09
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



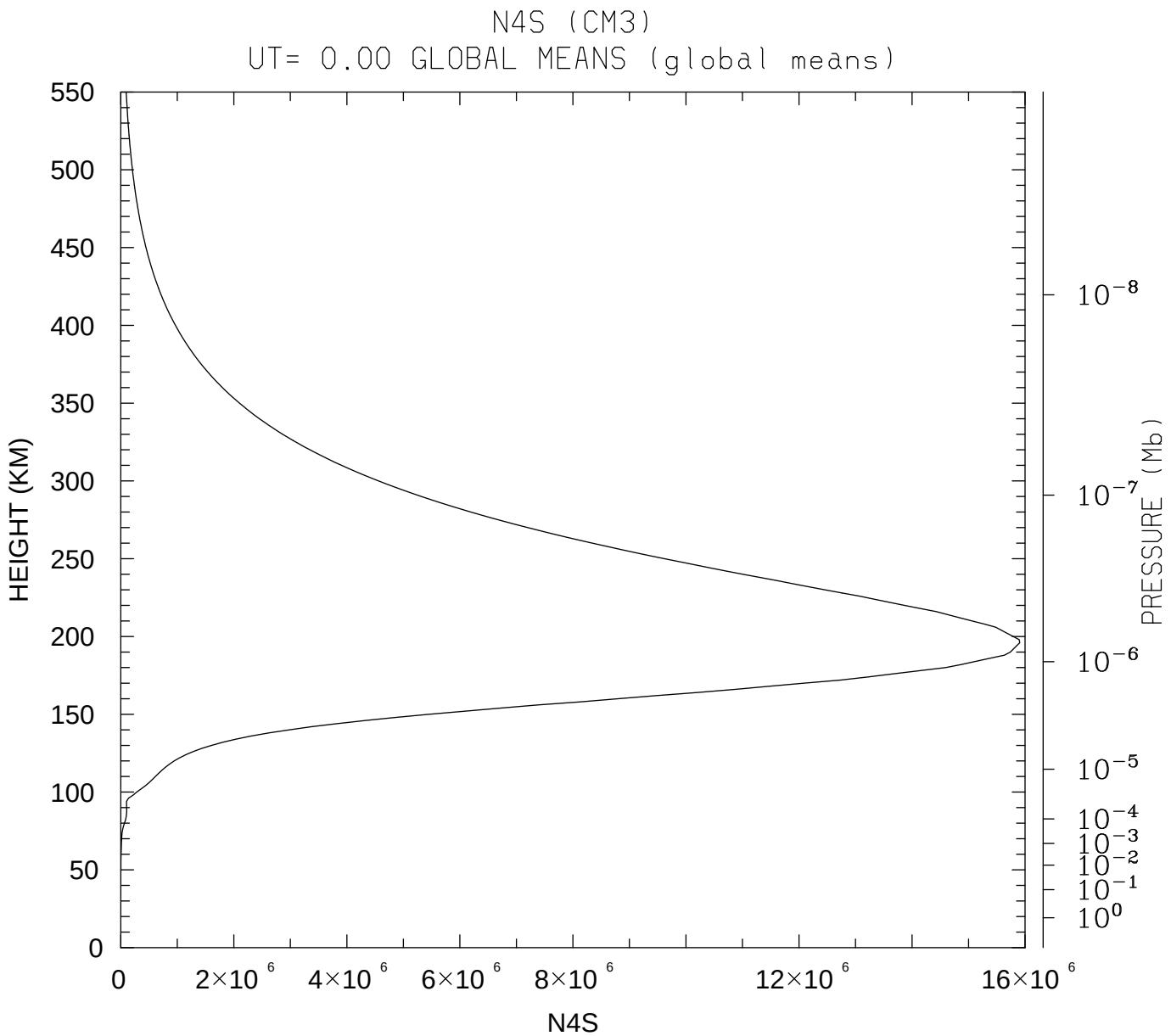
MIN,MAX= 4.5581E-05 5.7421E+05
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



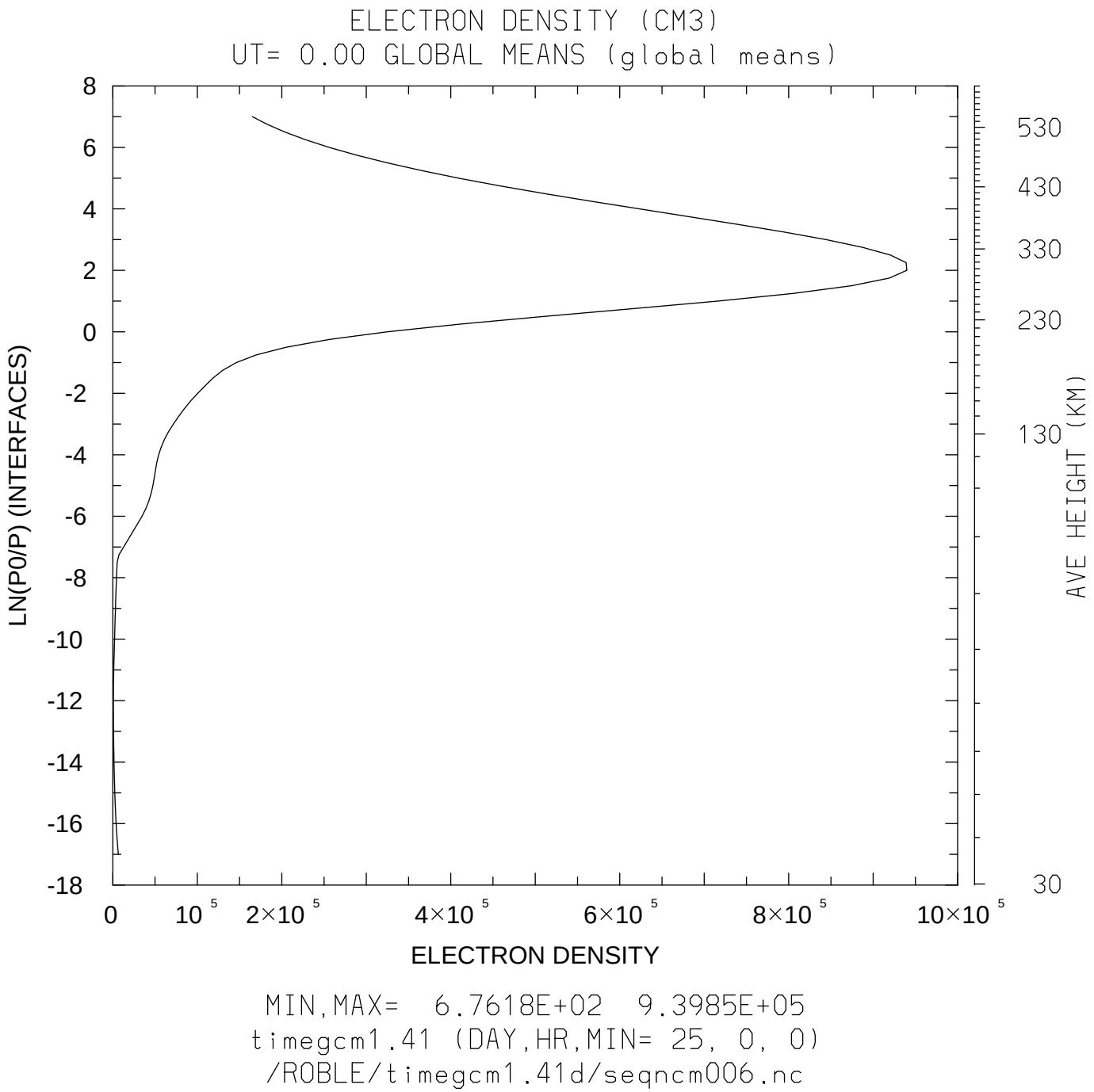
MIN,MAX= 4.5601E-05 5.7412E+05
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



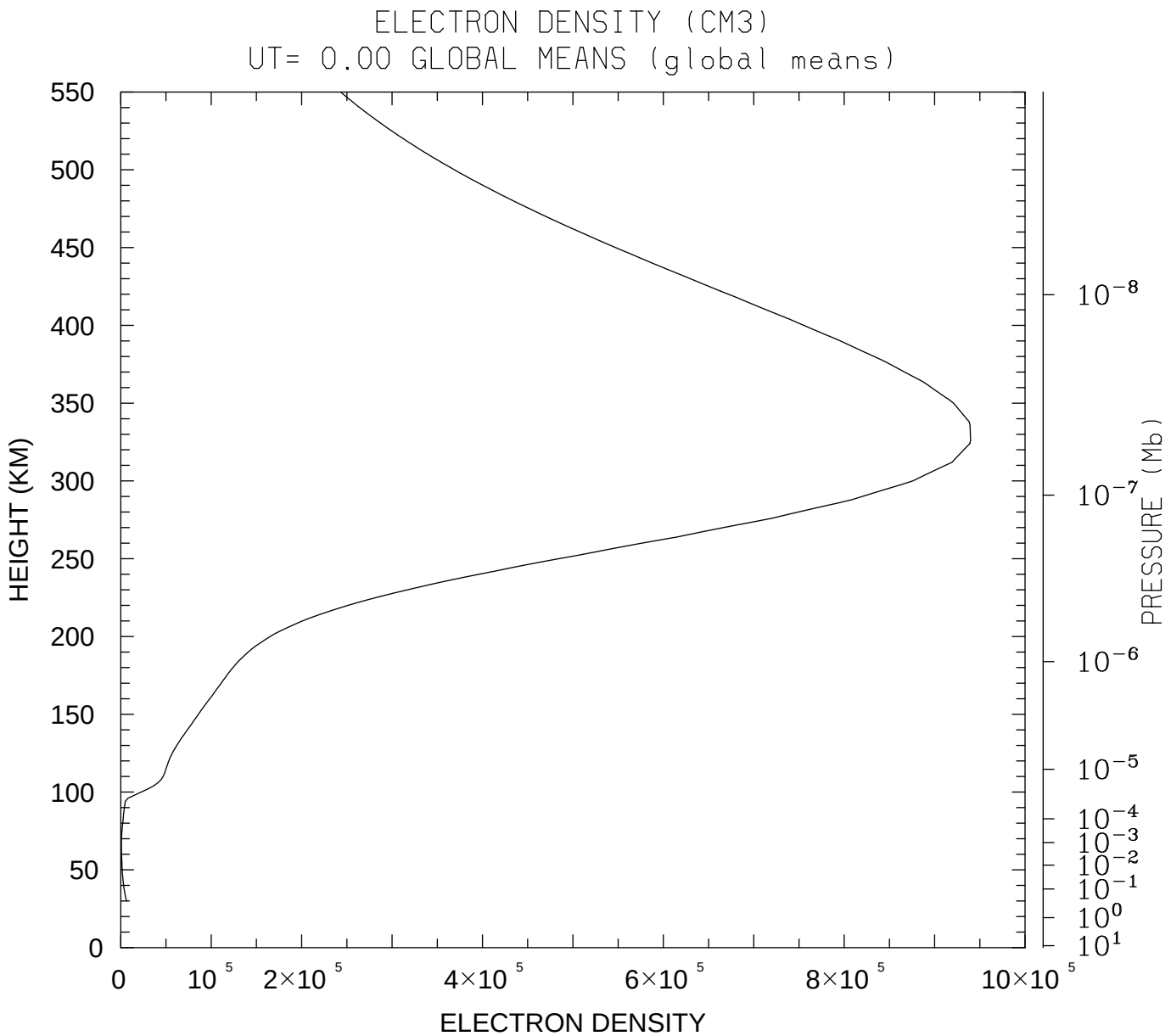
MIN,MAX= 7.6755E+01 1.5939E+07
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



MIN,MAX= 1.0304E+02 1.5906E+07
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



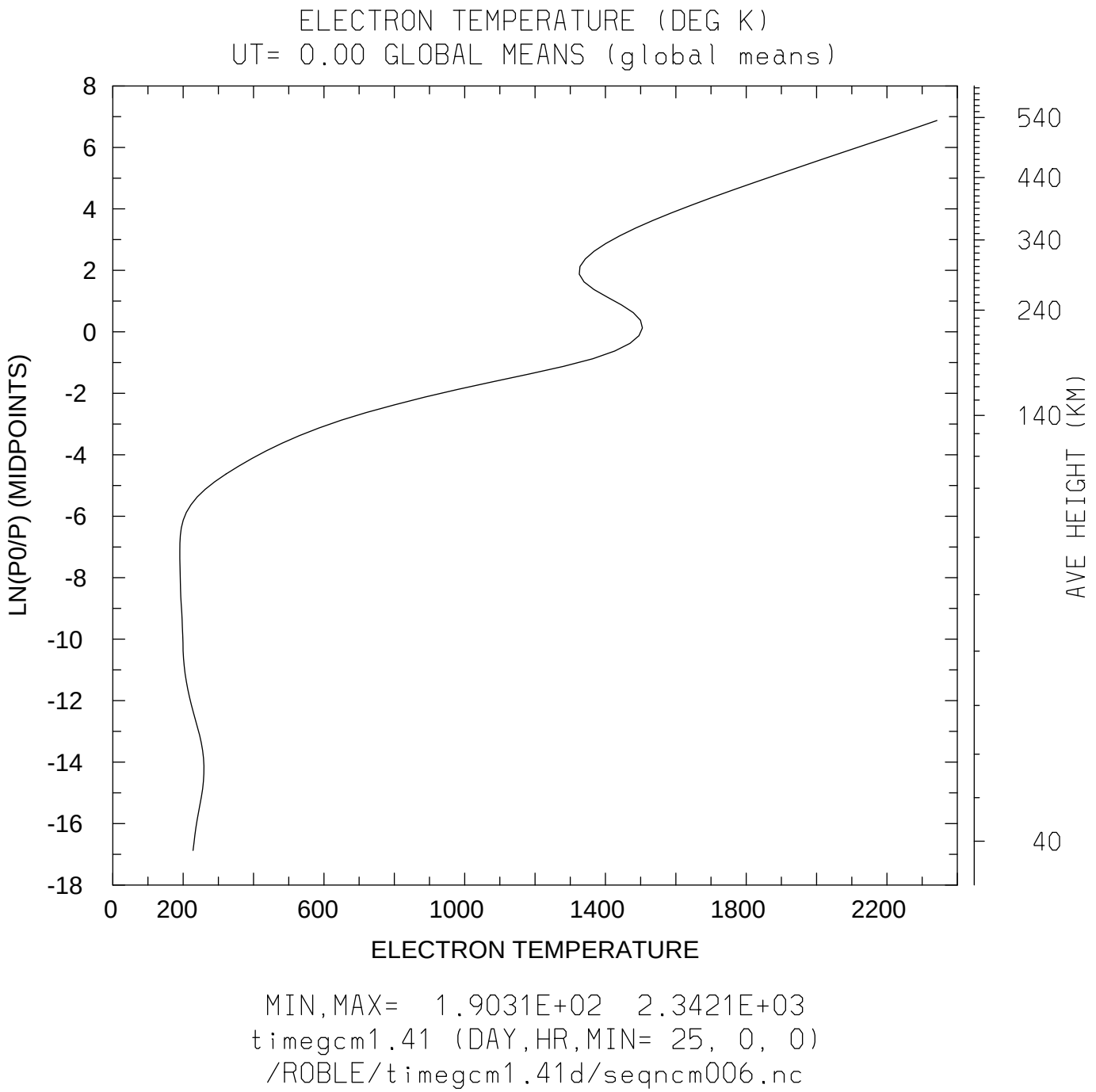
MIN,MAX= 6.7618E+02 9.3985E+05
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

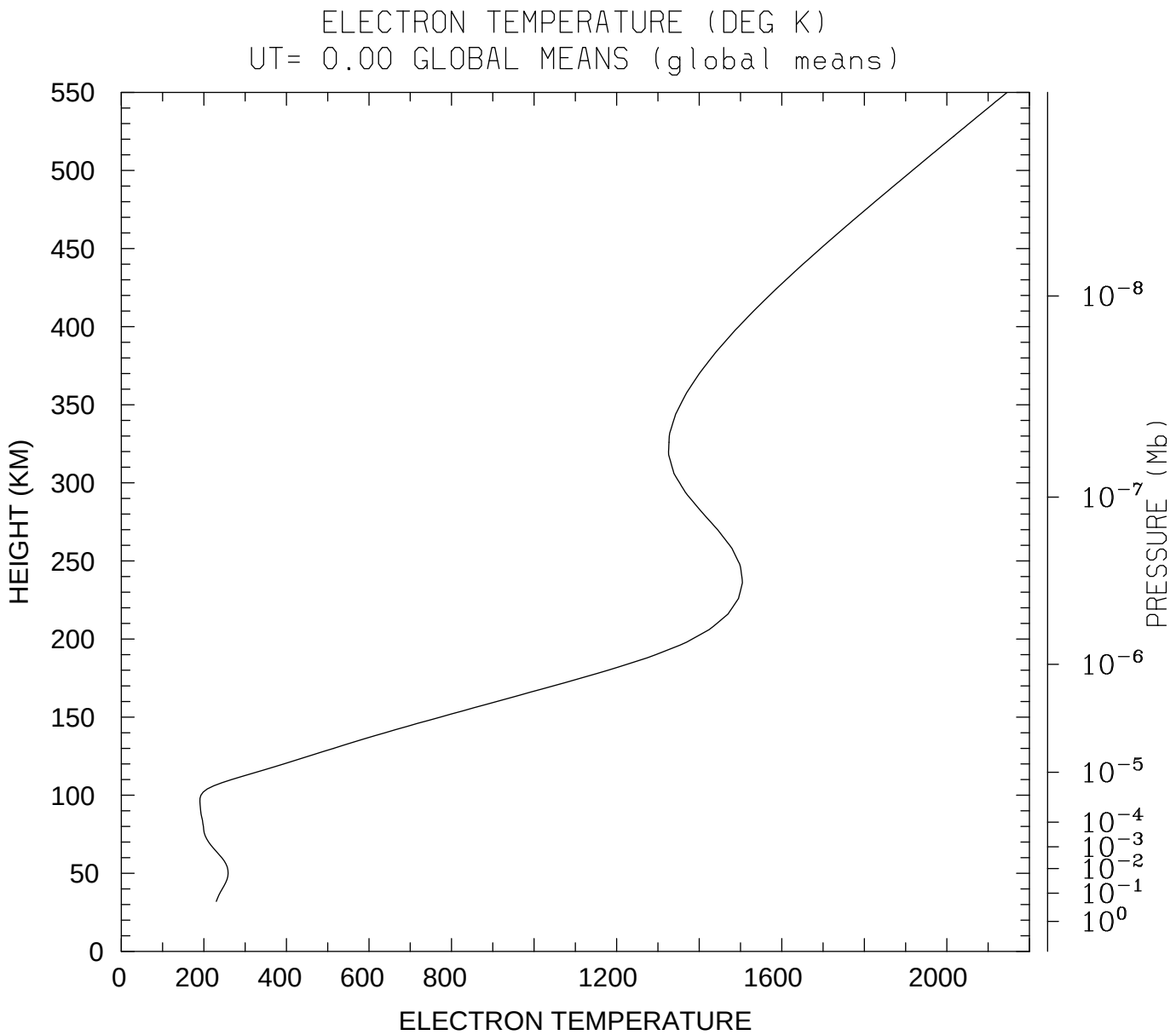


MIN,MAX= 6.7736E+02 9.3976E+05

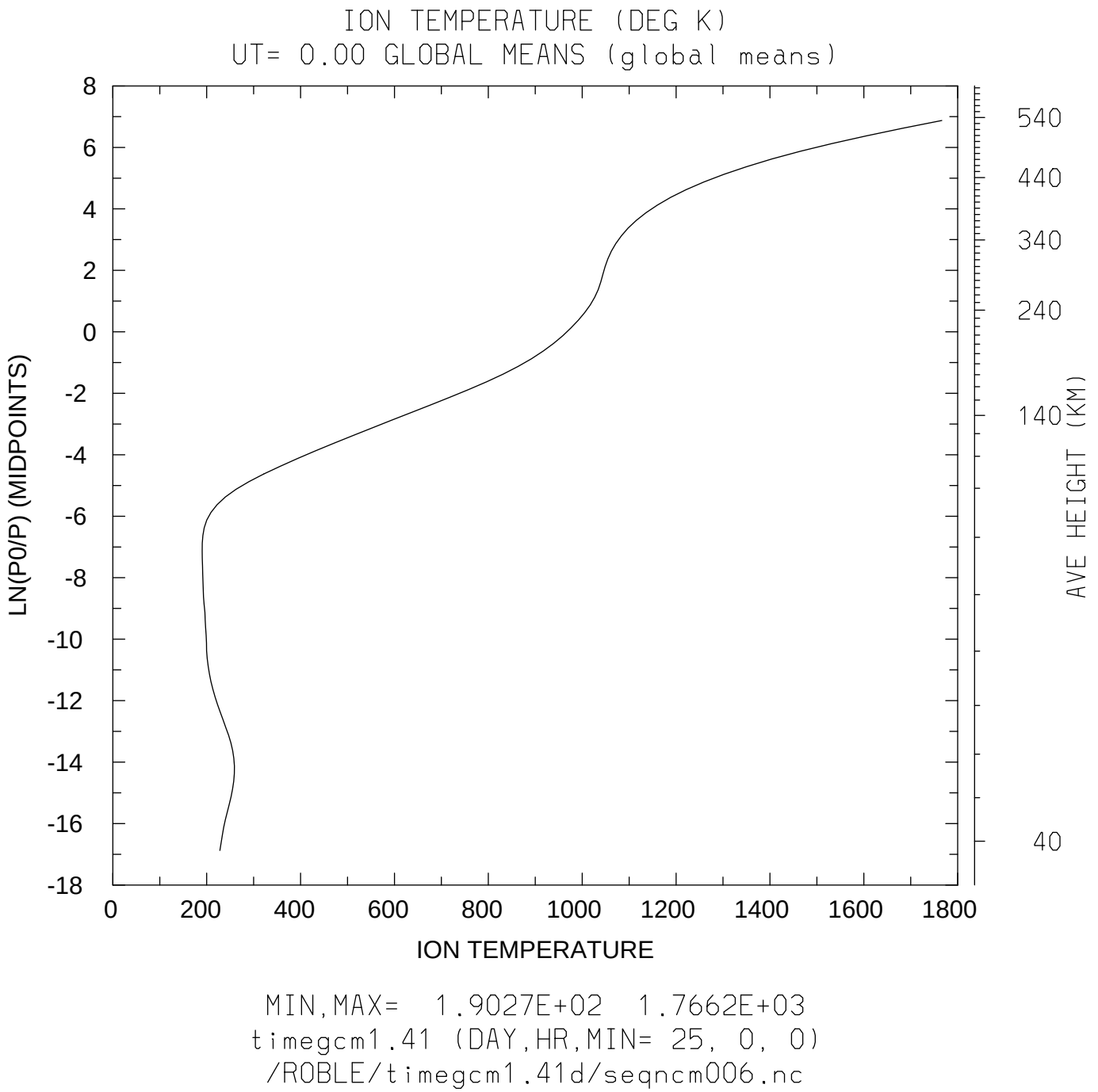
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)

/ROBLE/timegcm1.41d/seqncm006.nc

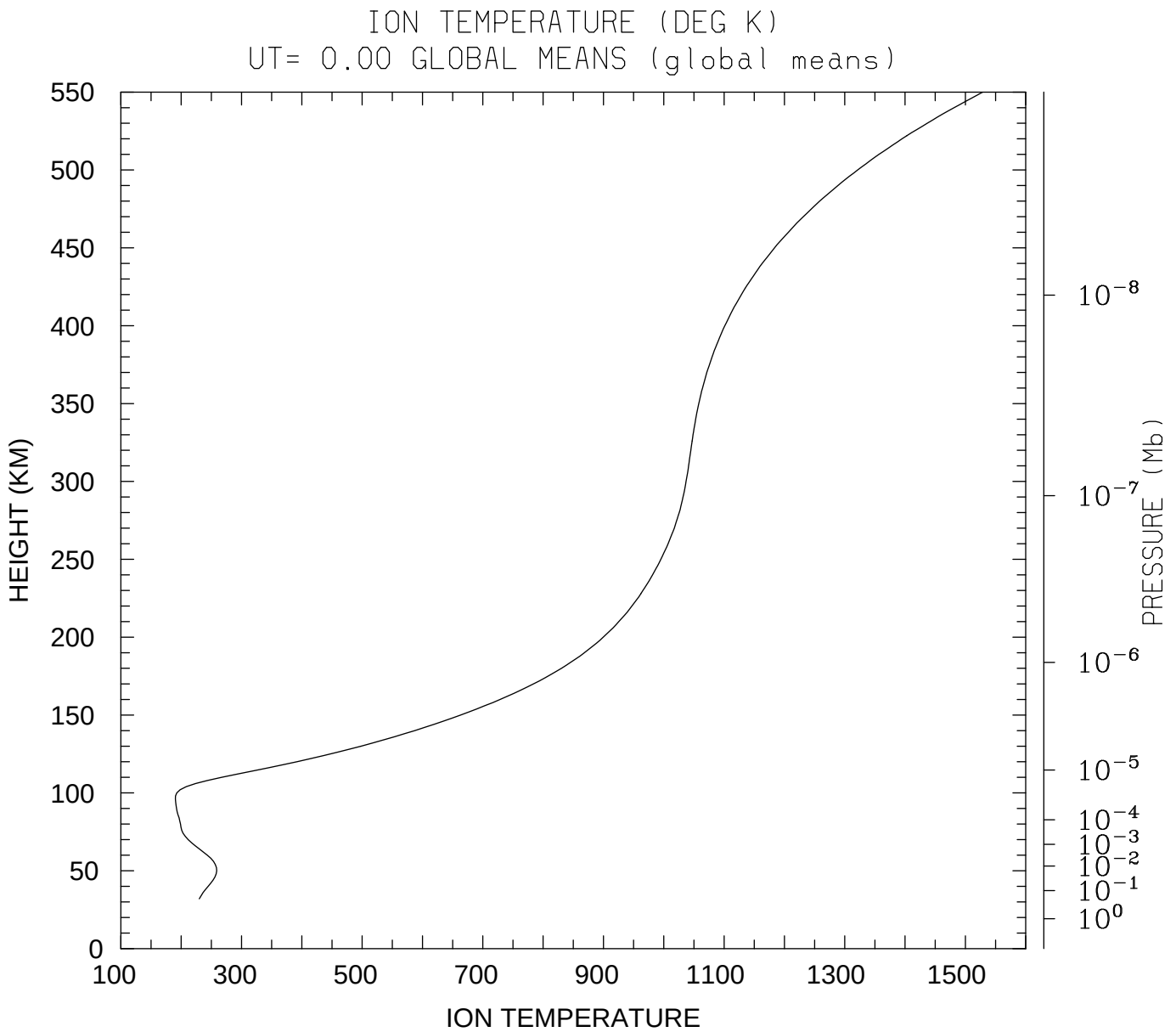

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 GLOBAL MEANS (global means)
LN(P0/P) (MIDPOINTS)
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
200
600
1000
1400
1800
2200
ELECTRON TEMPERATURE
AVE HEIGHT (KM)
540
440
340
240
140
40
MIN,MAX= 1.9031E+02 2.3421E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



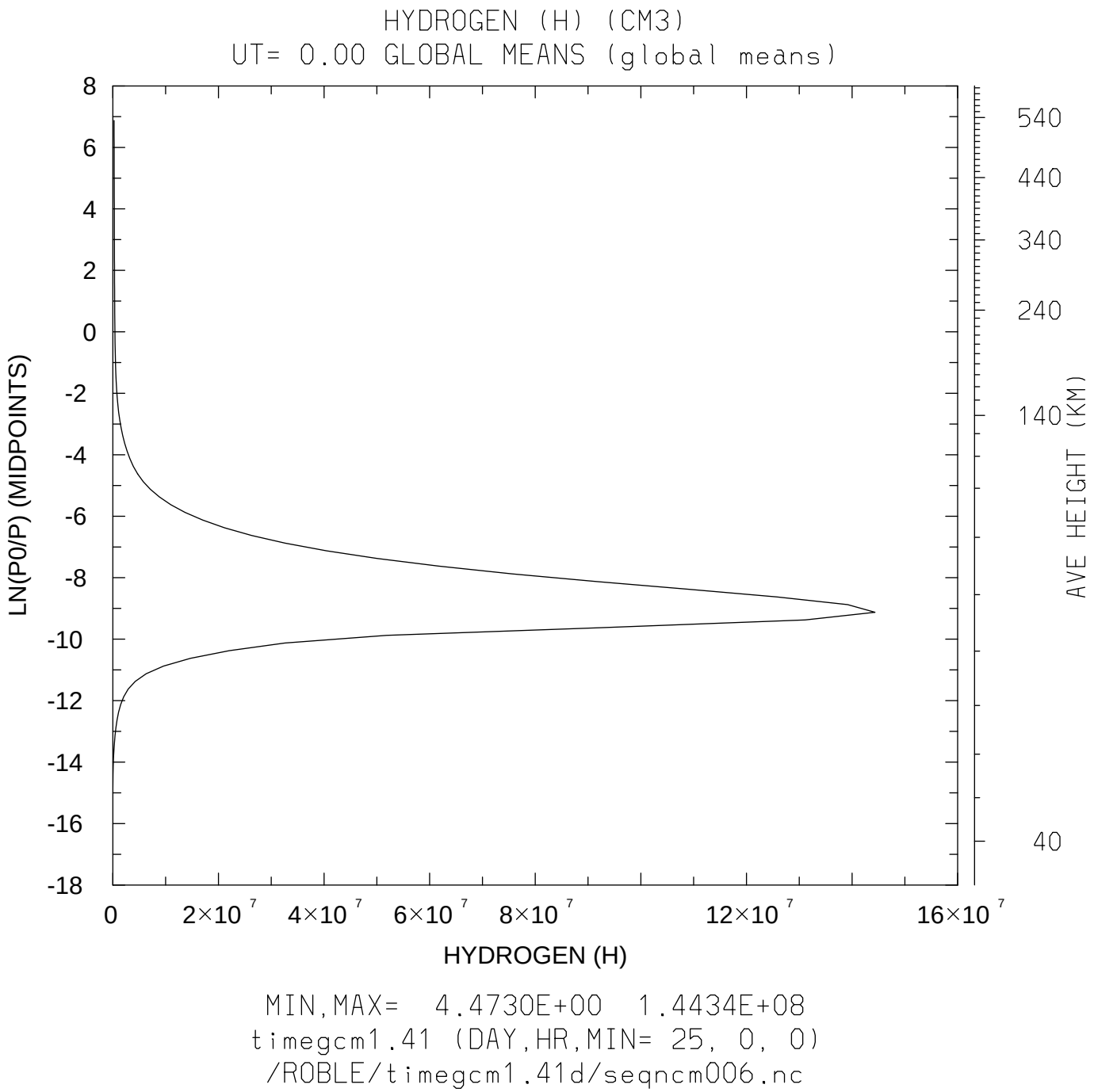
MIN,MAX= 1.9042E+02 2.1458E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

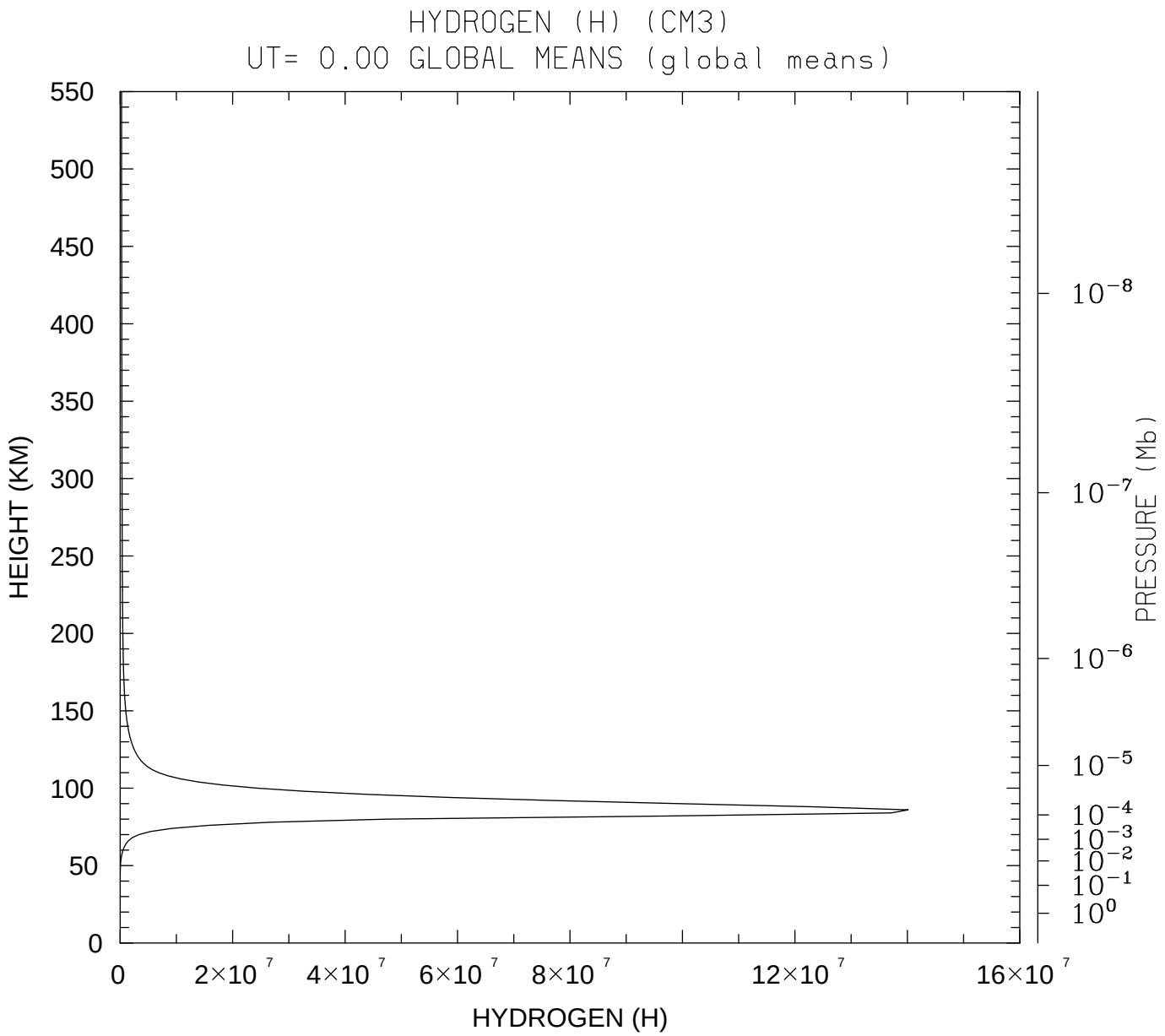


MIN,MAX= 1.9027E+02 1.7662E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

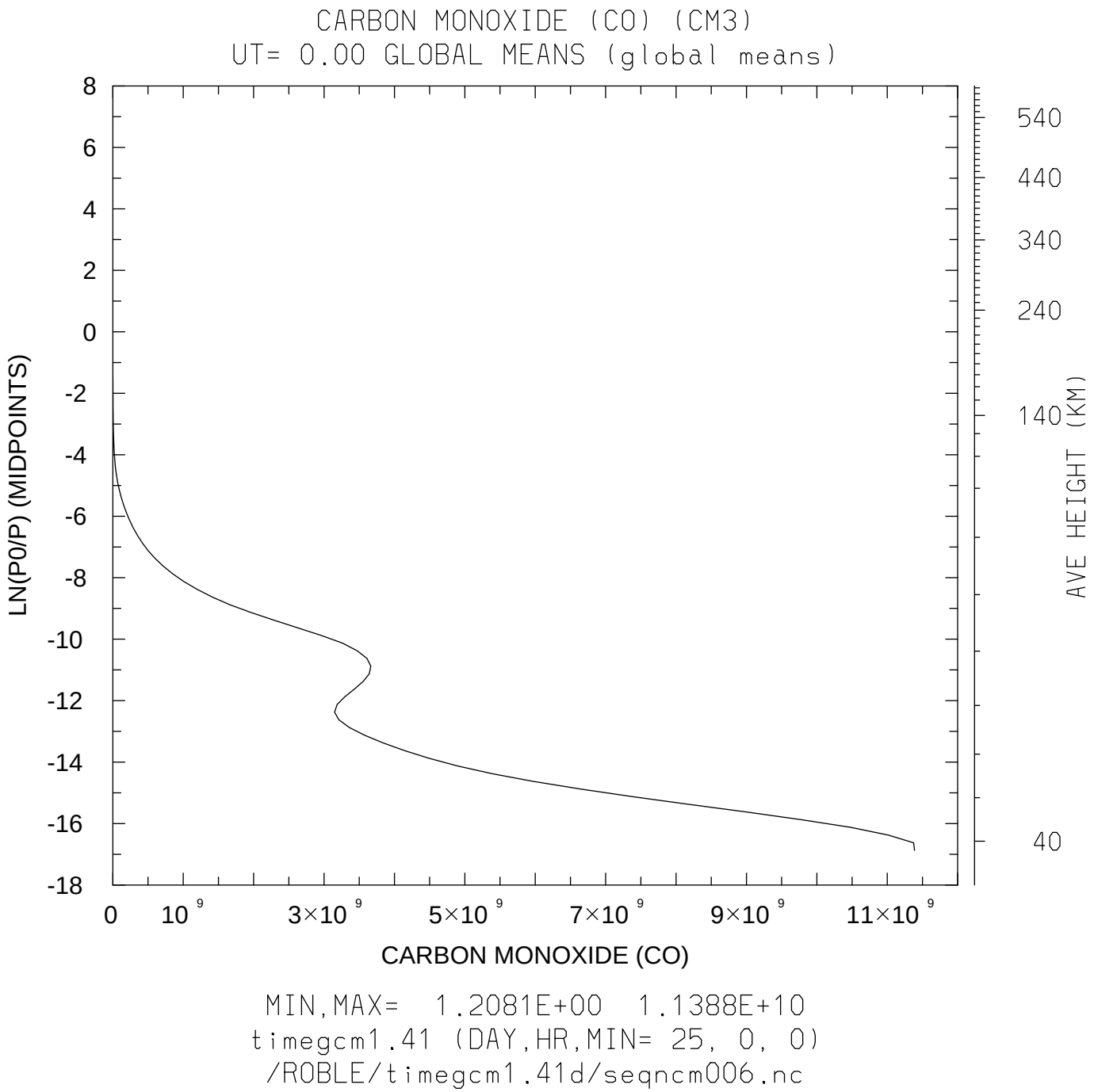


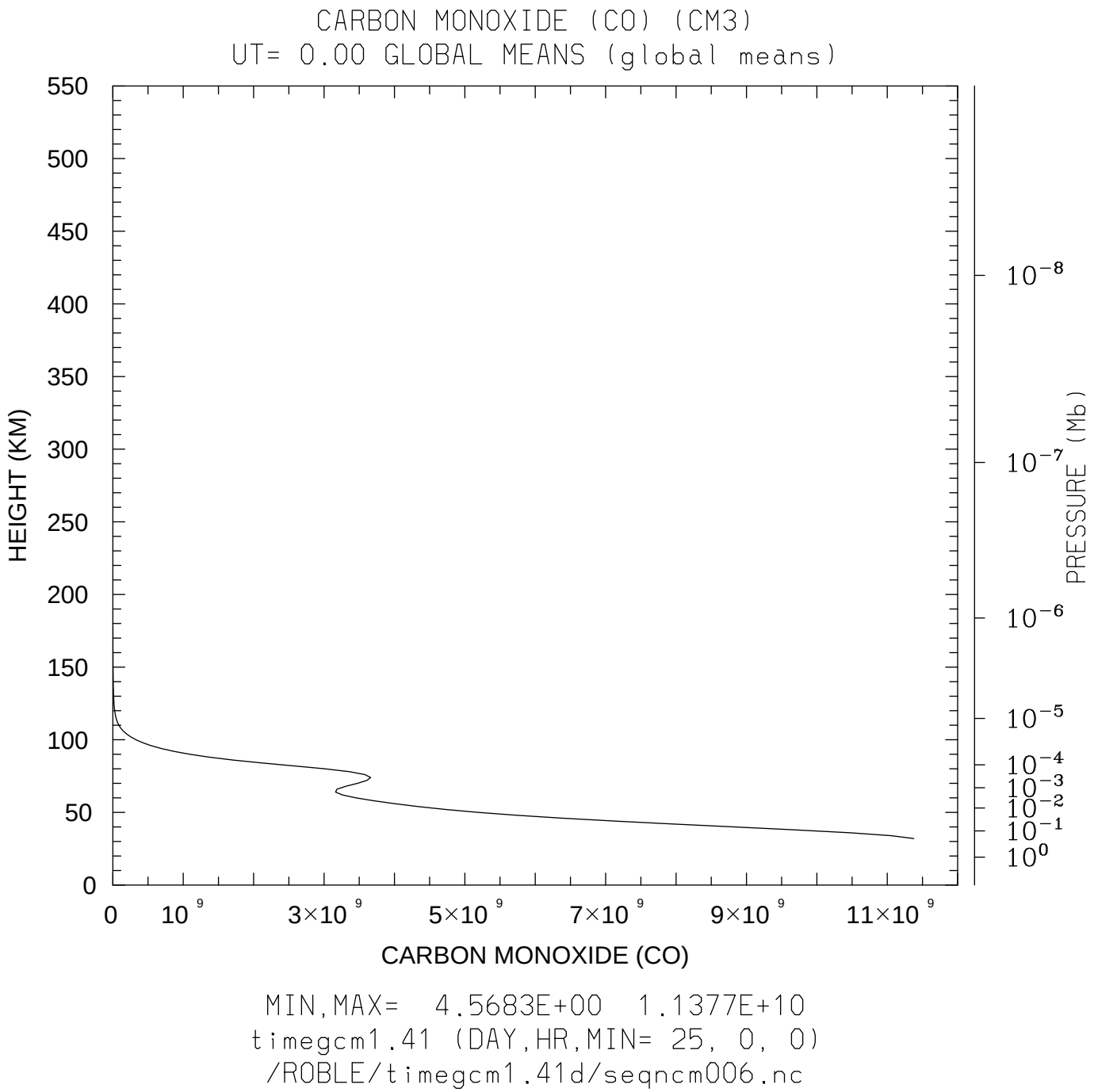
MIN,MAX= 1.9038E+02 1.5285E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

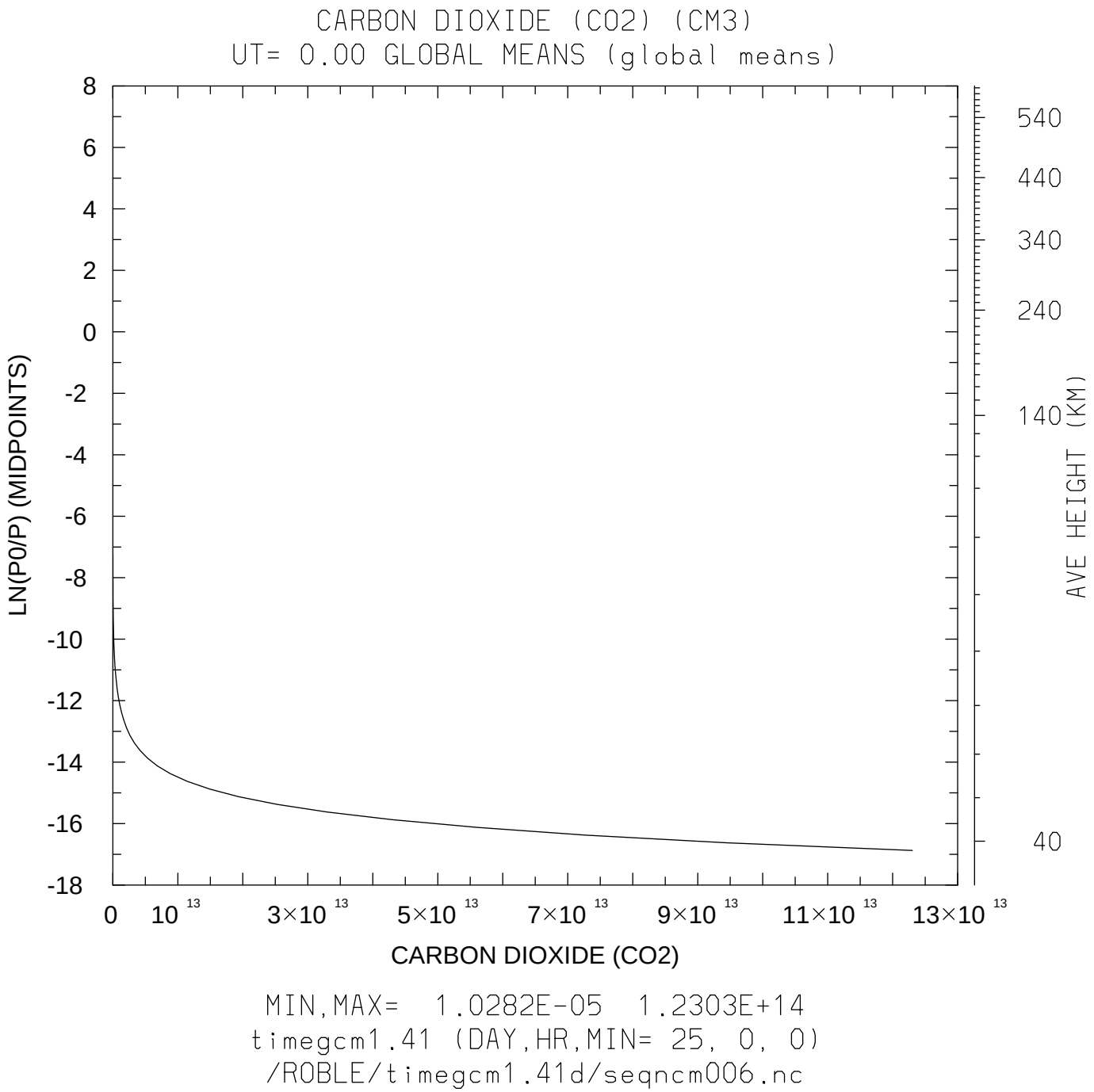

HYDROGEN (H) (CM3)
UT= 0.00 GLOBAL MEANS (global means)
LN(P0/P) (MIDPOINTS)
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
2×10 7
4×10 7
6×10 7
8×10 7
12×10 7
16×10 7
HYDROGEN (H)
AVE HEIGHT (KM)
540
440
340
240
140
40
MIN,MAX= 4.4730E+00 1.4434E+08
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

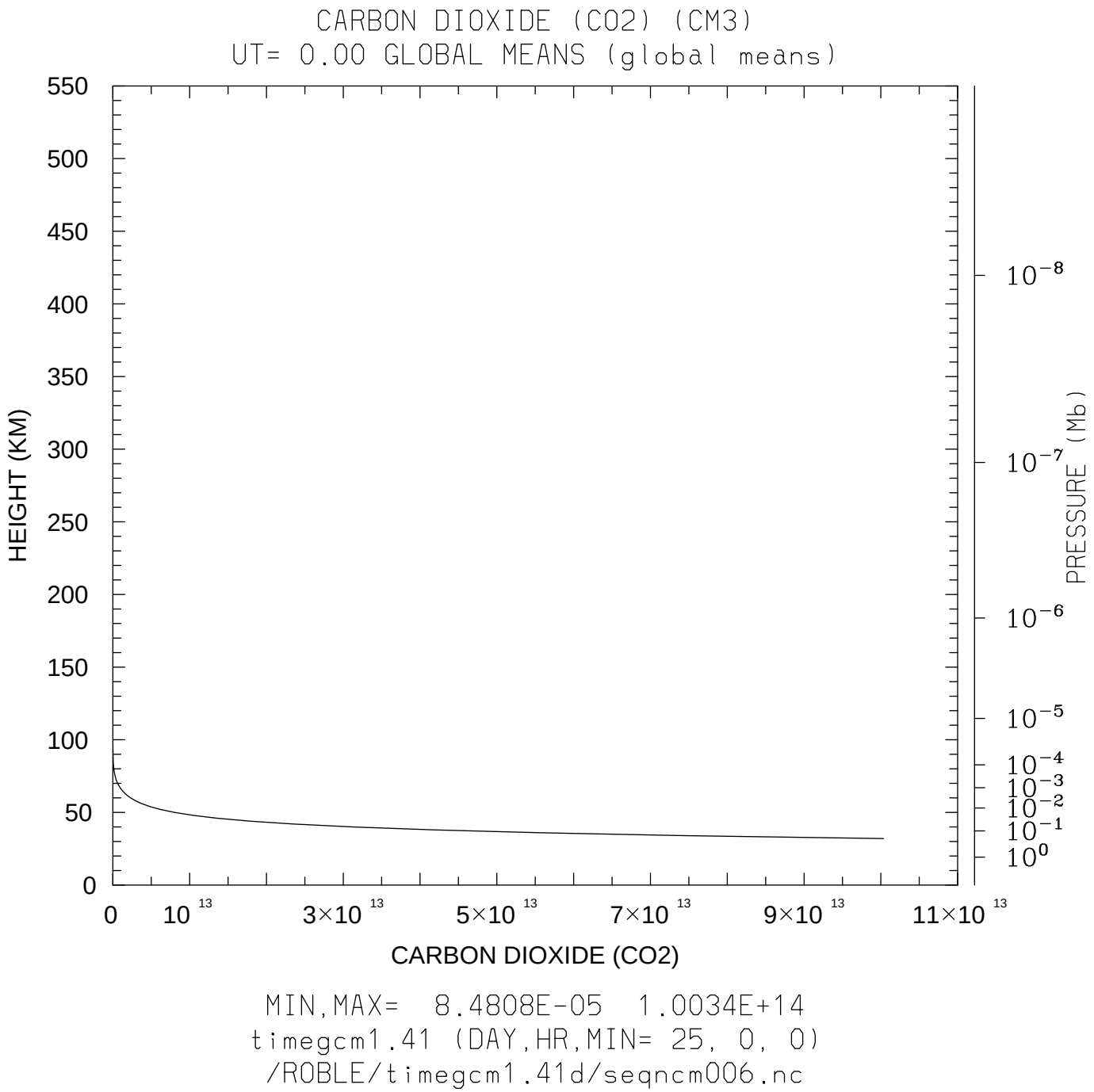


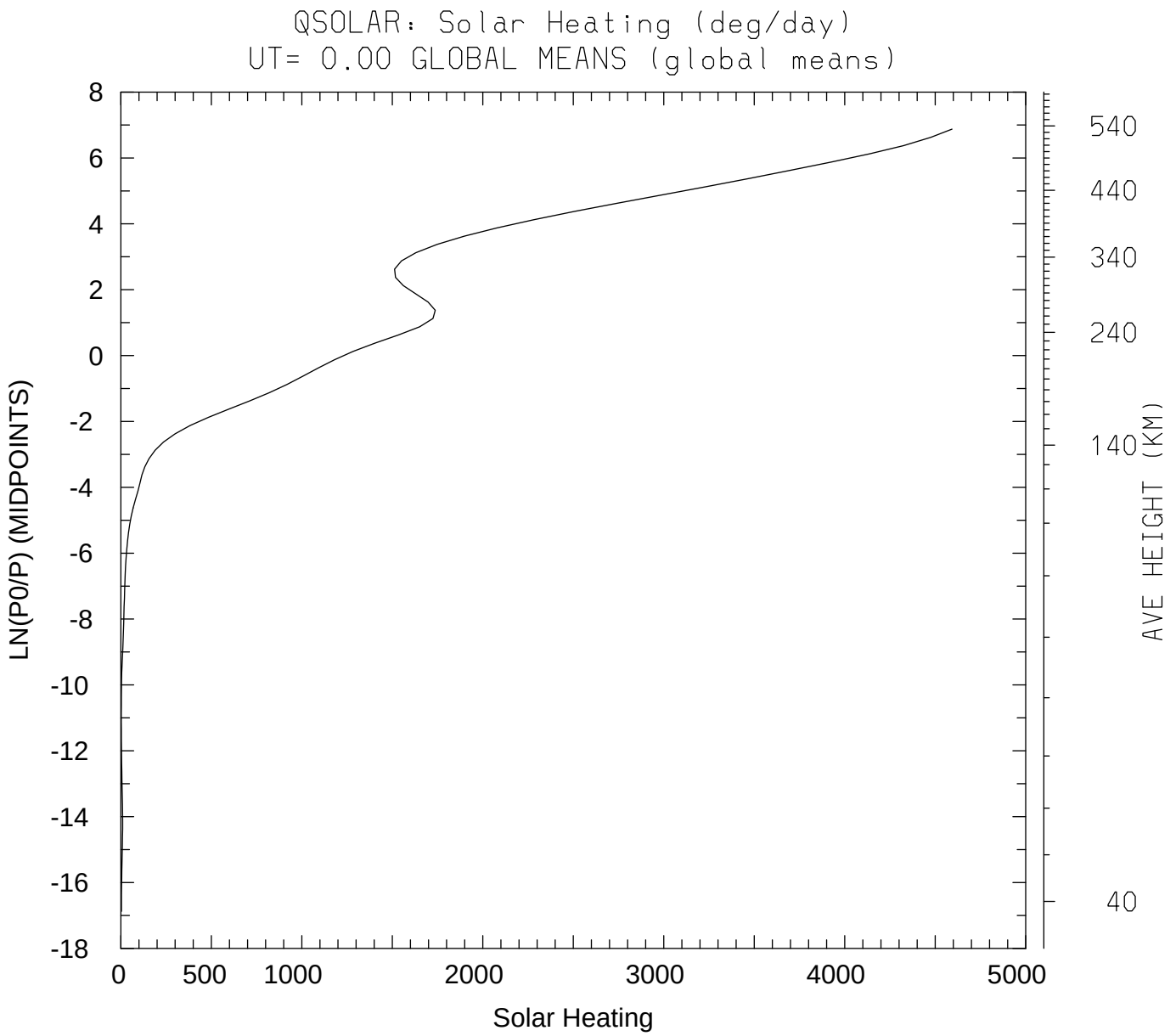
MIN,MAX= 8.1932E+00 1.4015E+08
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc


CARBON MONOXIDE (CO) (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
10 9
3×10 9
5×10 9
7×10 9
9×10 9
11×10 9
CARBON MONOXIDE (CO)
AVE HEIGHT (KM)
540
440
340
240
140
40
MIN,MAX= 1.2081E+00 1.1388E+10
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

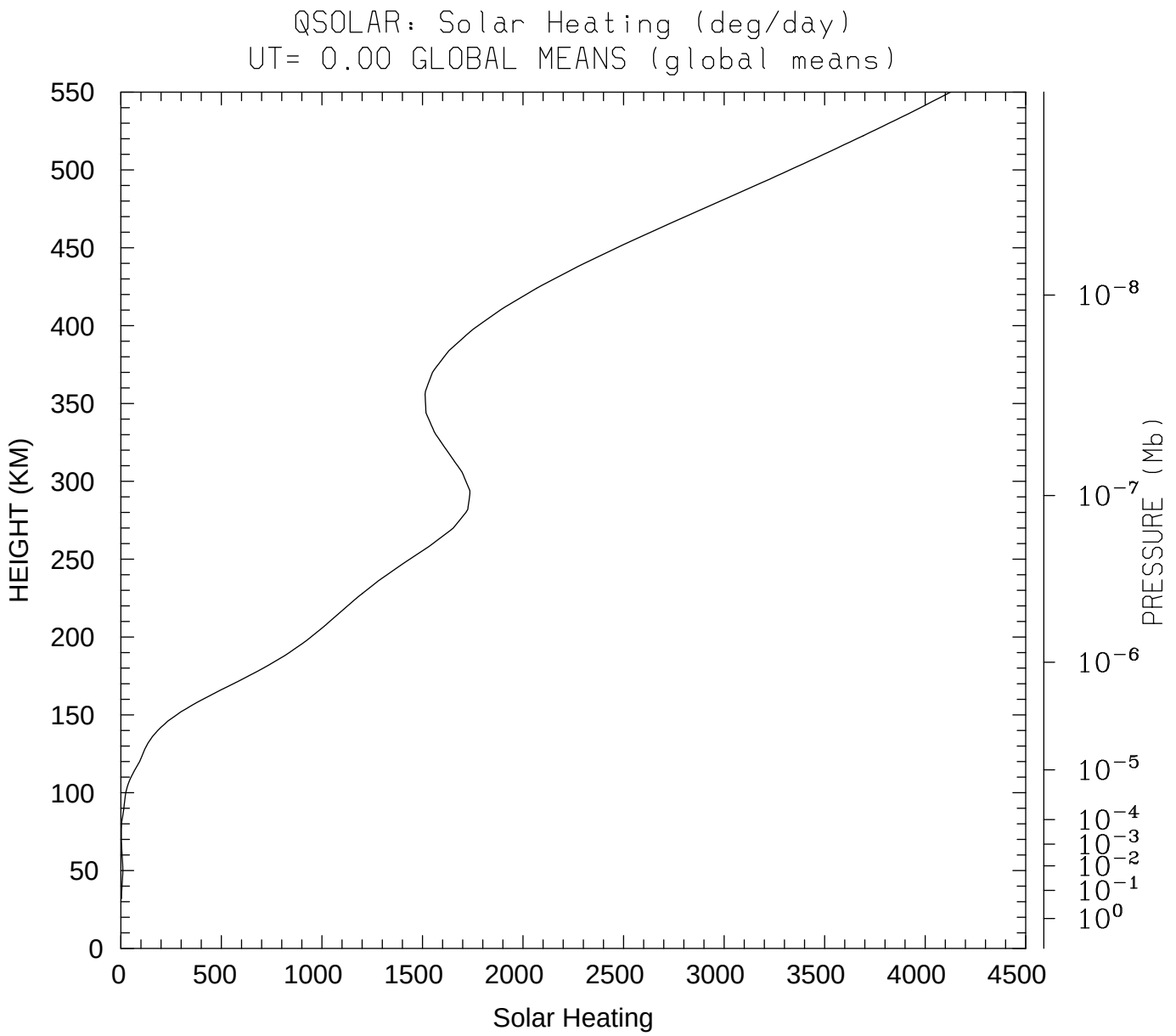

CARBON MONOXIDE (CO) (CM3)
UT= 0.00 GLOBAL MEANS (global means)
HEIGHT (KM)
550
500
450
400
350
300
250
200
150
100
50
0
0
10 9
3×10 9
5×10 9
7×10 9
9×10 9
11×10 9
CARBON MONOXIDE (CO)
PRESSURE (Mb)
10−8
10−7
10−6
10−5
10−4
10−3
10−2
10−1
100
MIN,MAX= 4.5683E+00 1.1377E+10
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.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
10 13
3×10 13
5×10 13
7×10 13
9×10 13
11×10 13
13×10 13
CARBON DIOXIDE (CO2)
AVE HEIGHT (KM)
540
440
340
240
140
40
MIN,MAX= 1.0282E-05 1.2303E+14
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

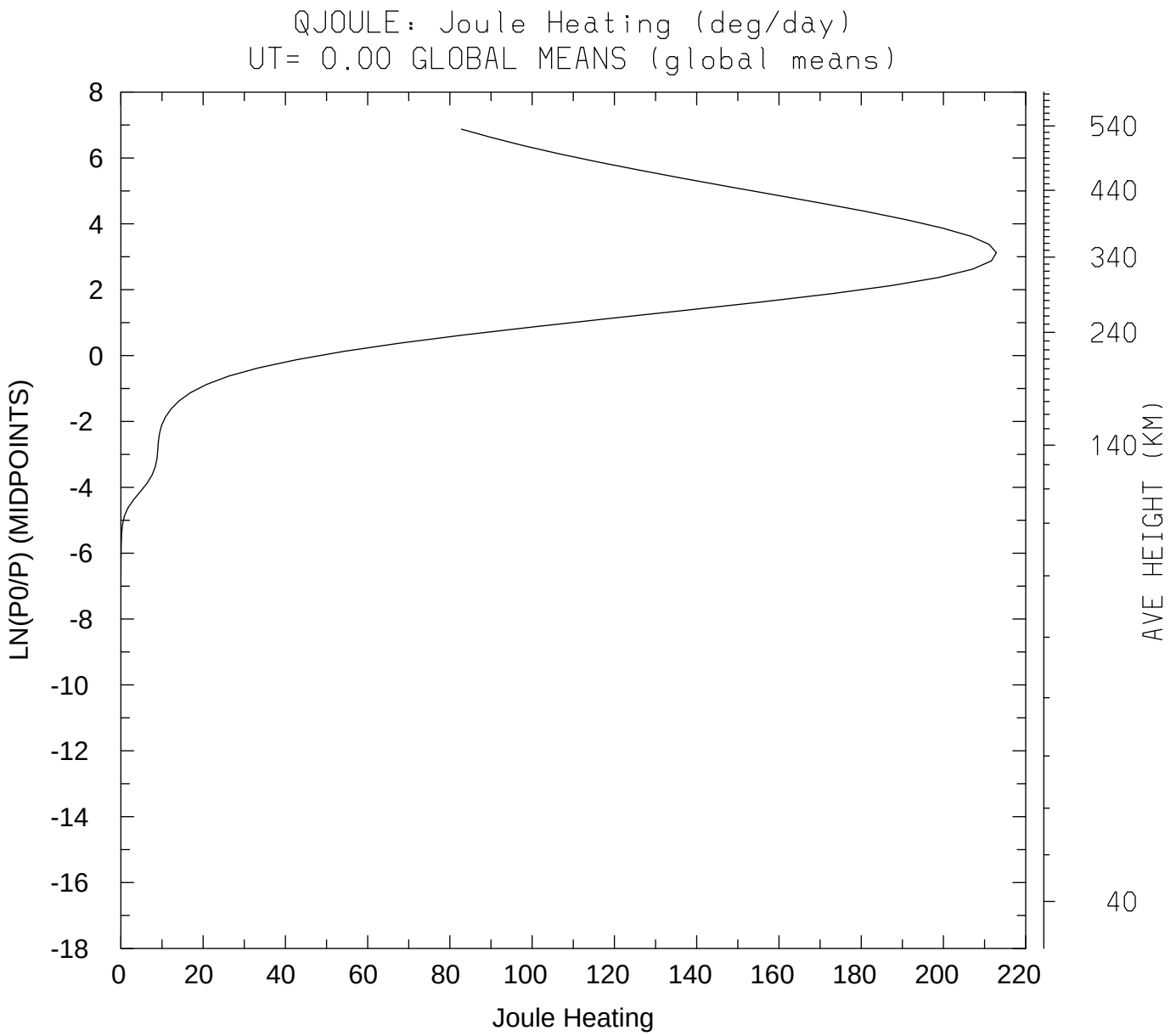

CARBON DIOXIDE (CO2) (CM3)
UT= 0.00 GLOBAL MEANS (global means)
HEIGHT (KM)
550
500
450
400
350
300
250
200
150
100
50
0
0
10 13
3×10 13
5×10 13
7×10 13
9×10 13
11×10 13
CARBON DIOXIDE (CO2)
PRESSURE (Mb)
10−8
10−7
10−6
10−5
10−4
10−3
10−2
10−1
100
MIN,MAX= 8.4808E-05 1.0034E+14
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



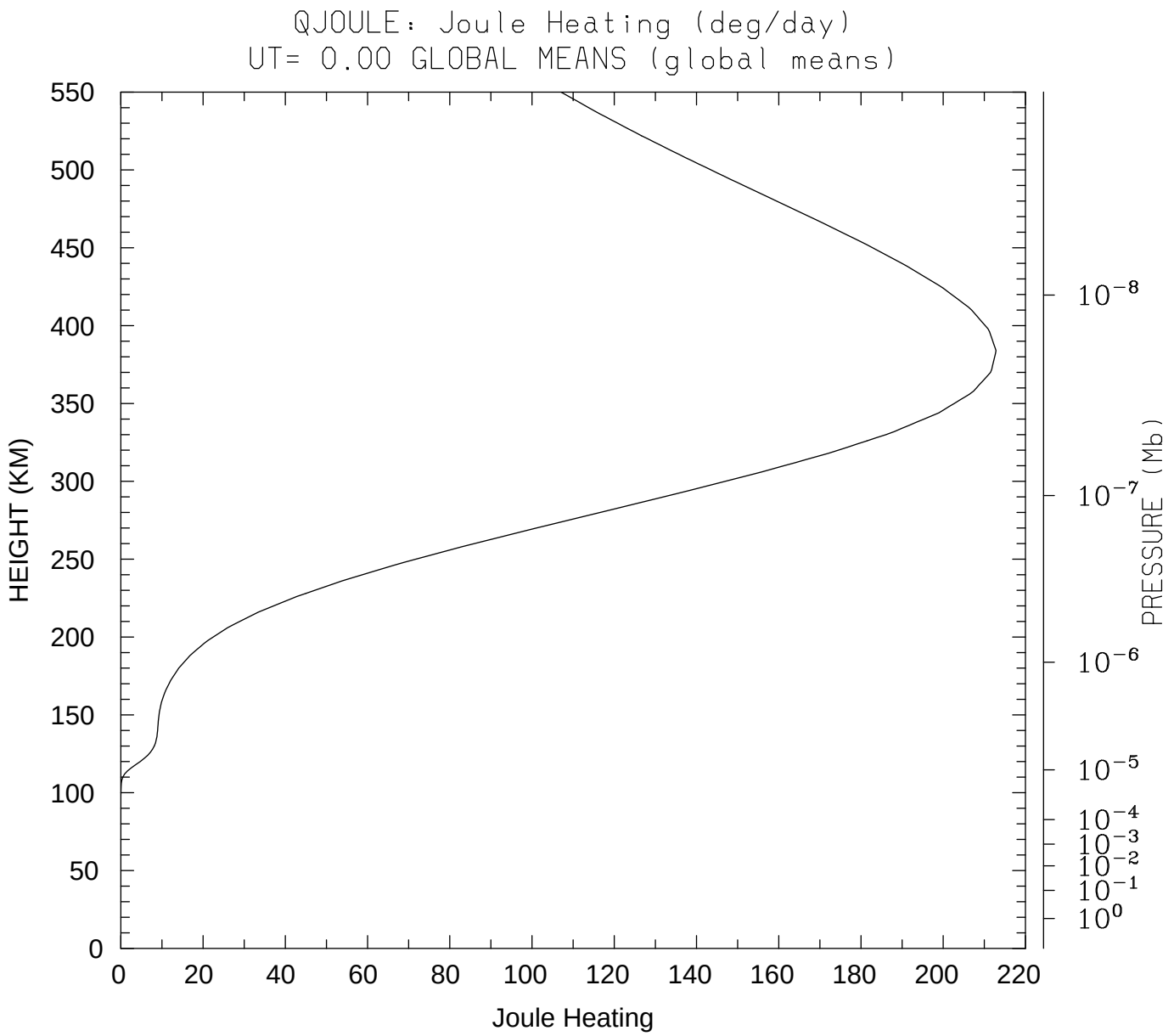
MIN,MAX= 2.3284E+00 4.5929E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



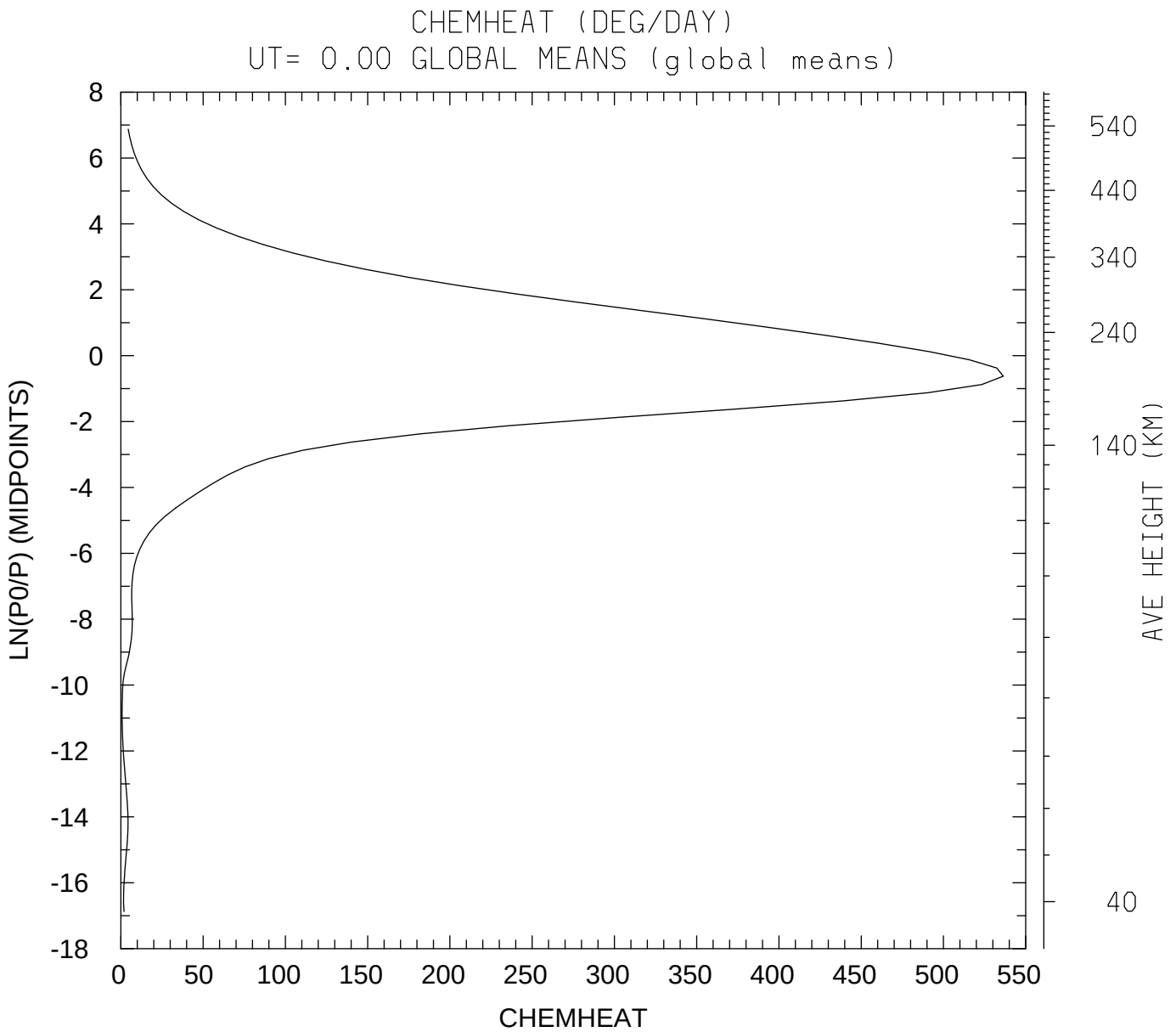
MIN,MAX= 2.3644E+00 4.1262E+03
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



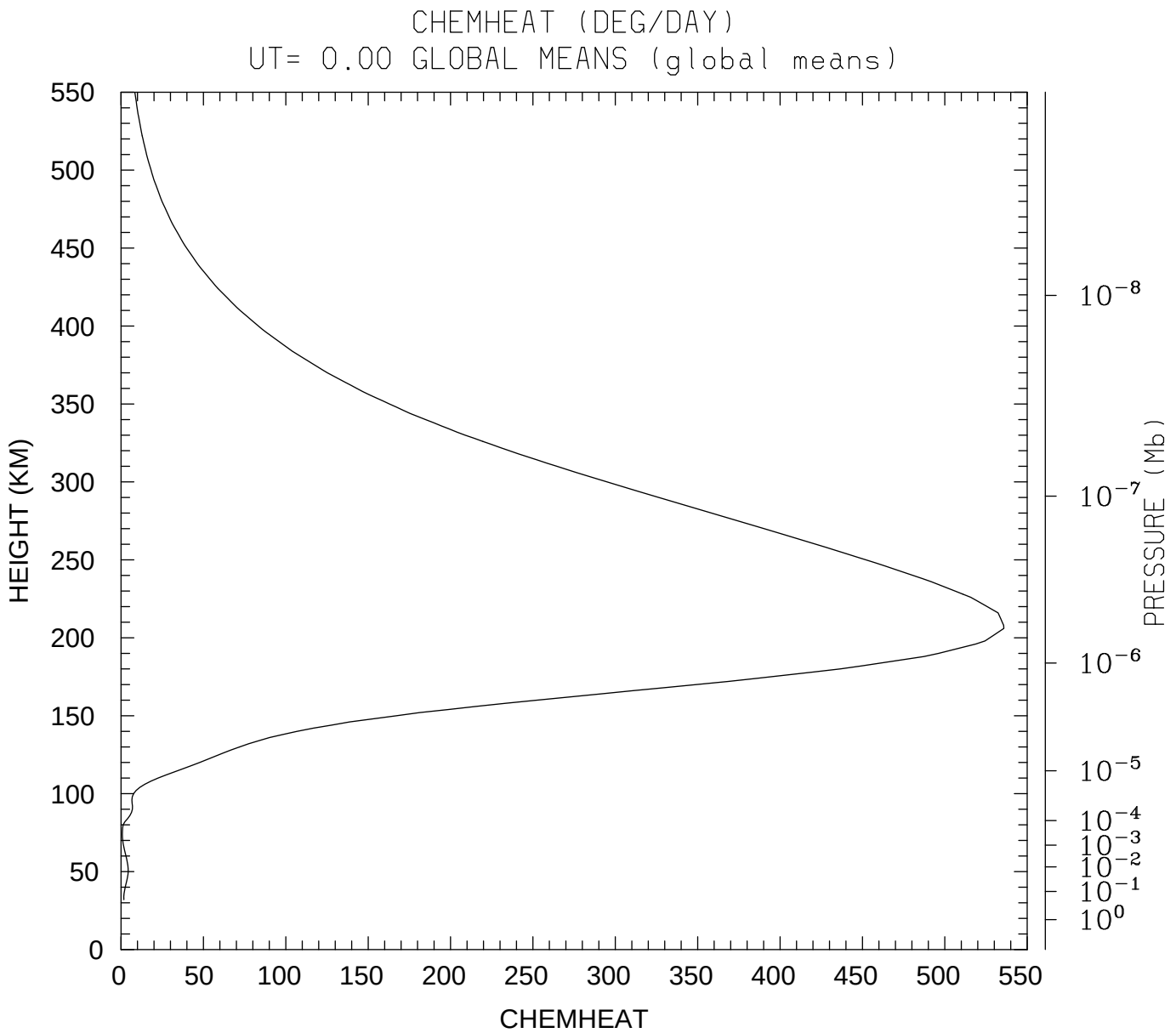
MIN,MAX= 1.9230E-09 2.1285E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



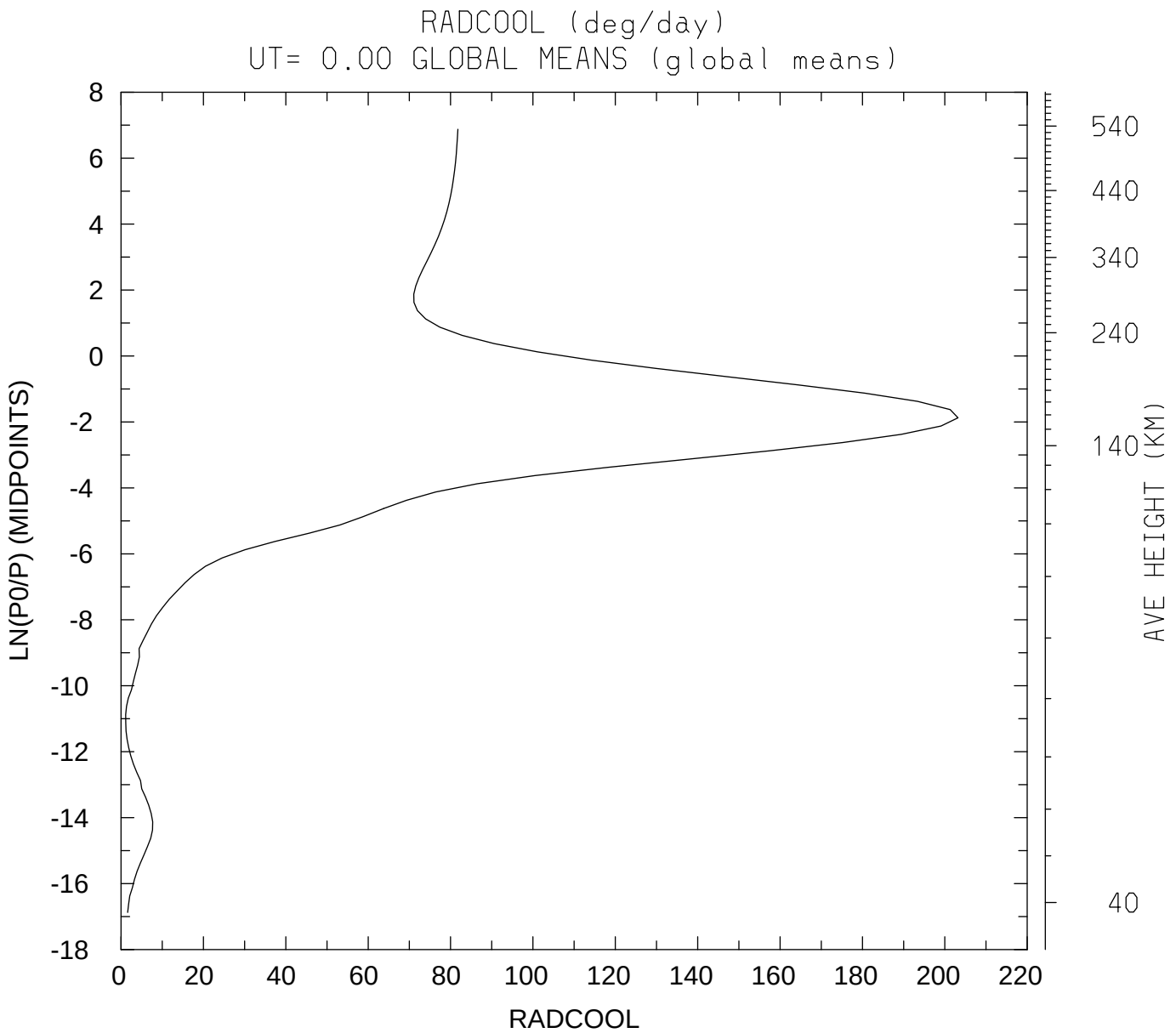
MIN,MAX= 2.5991E-09 2.1283E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



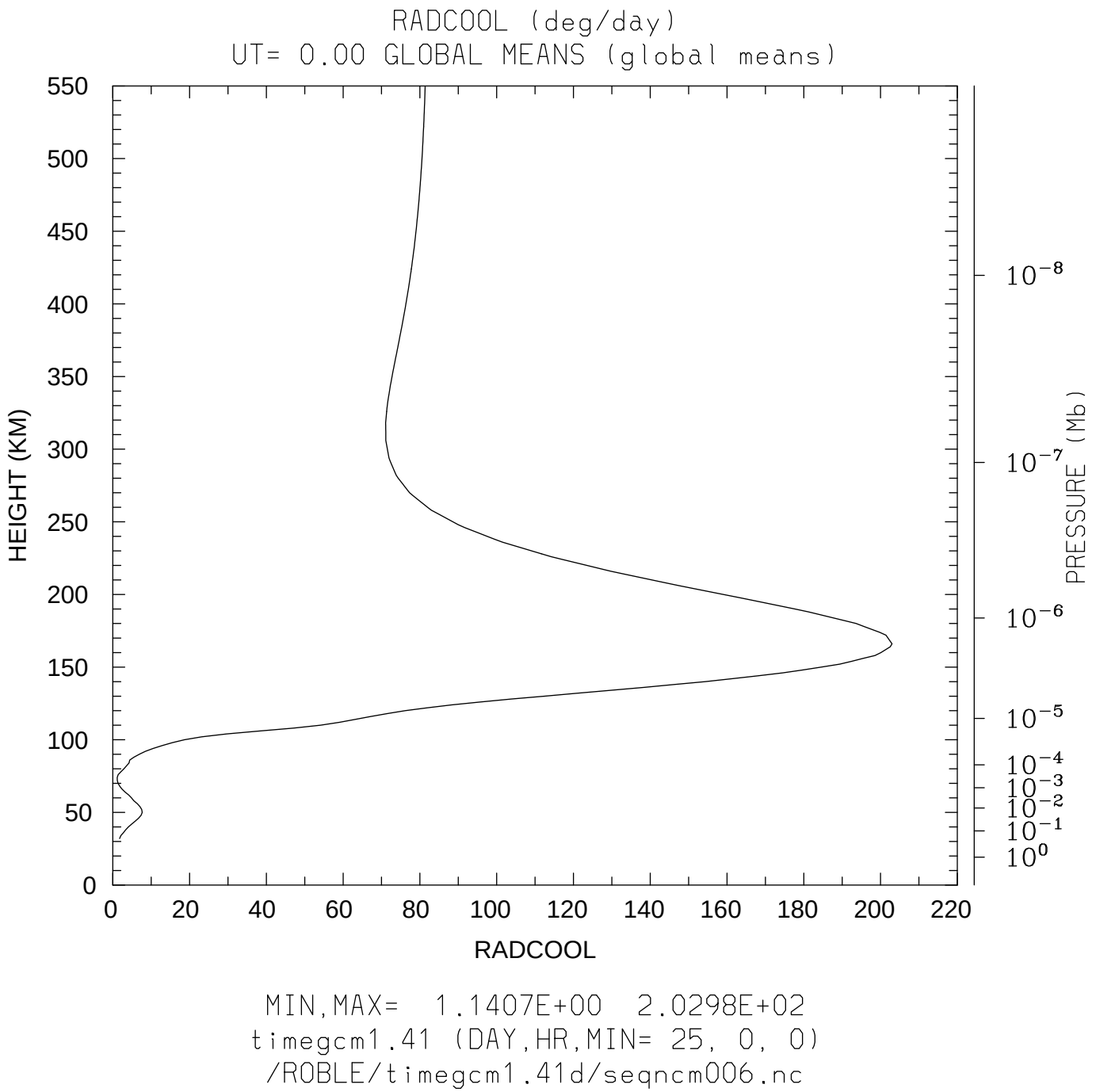
MIN,MAX= 7.8292E-01 5.3636E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



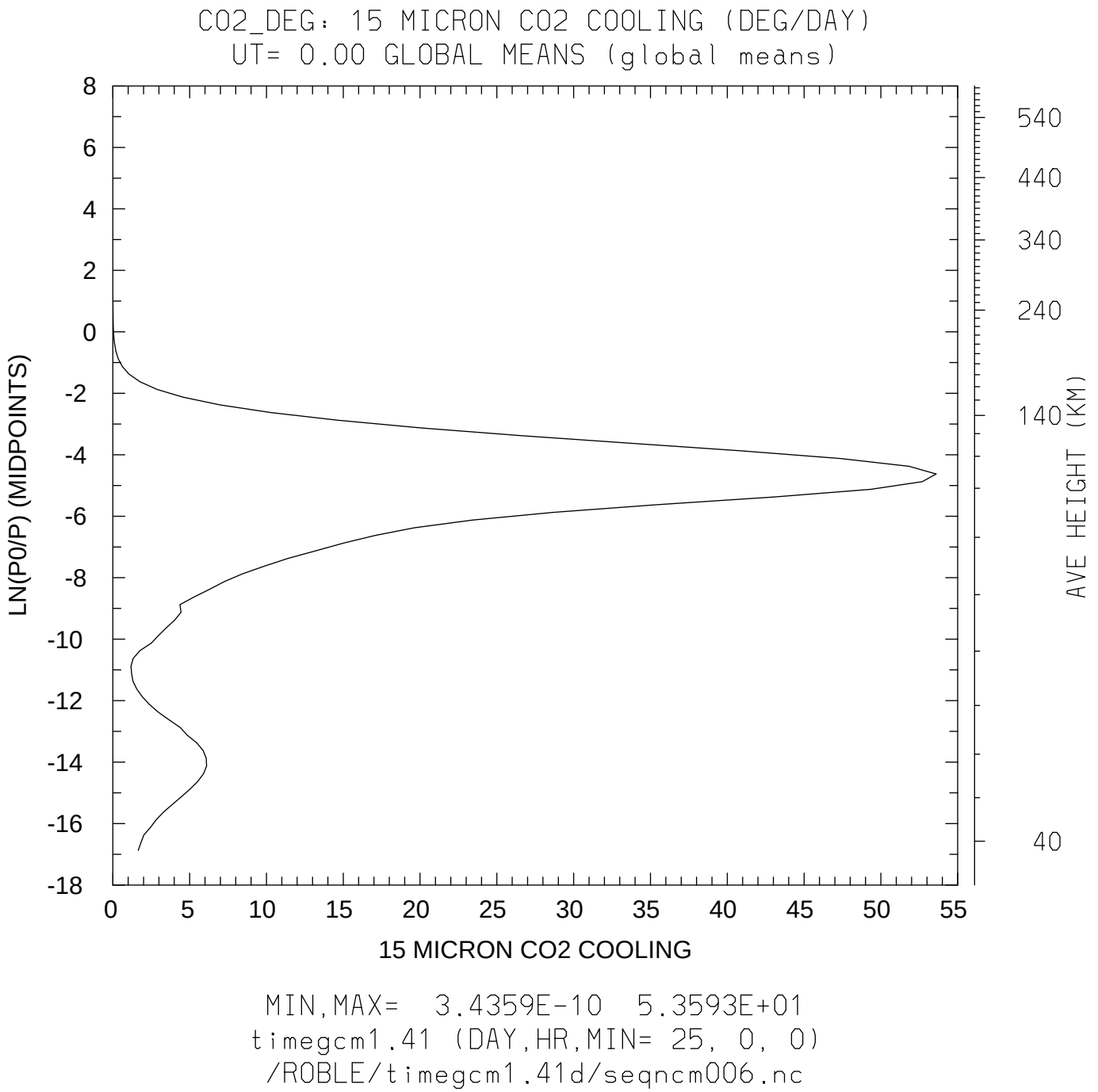
MIN,MAX= 7.8630E-01 5.3584E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

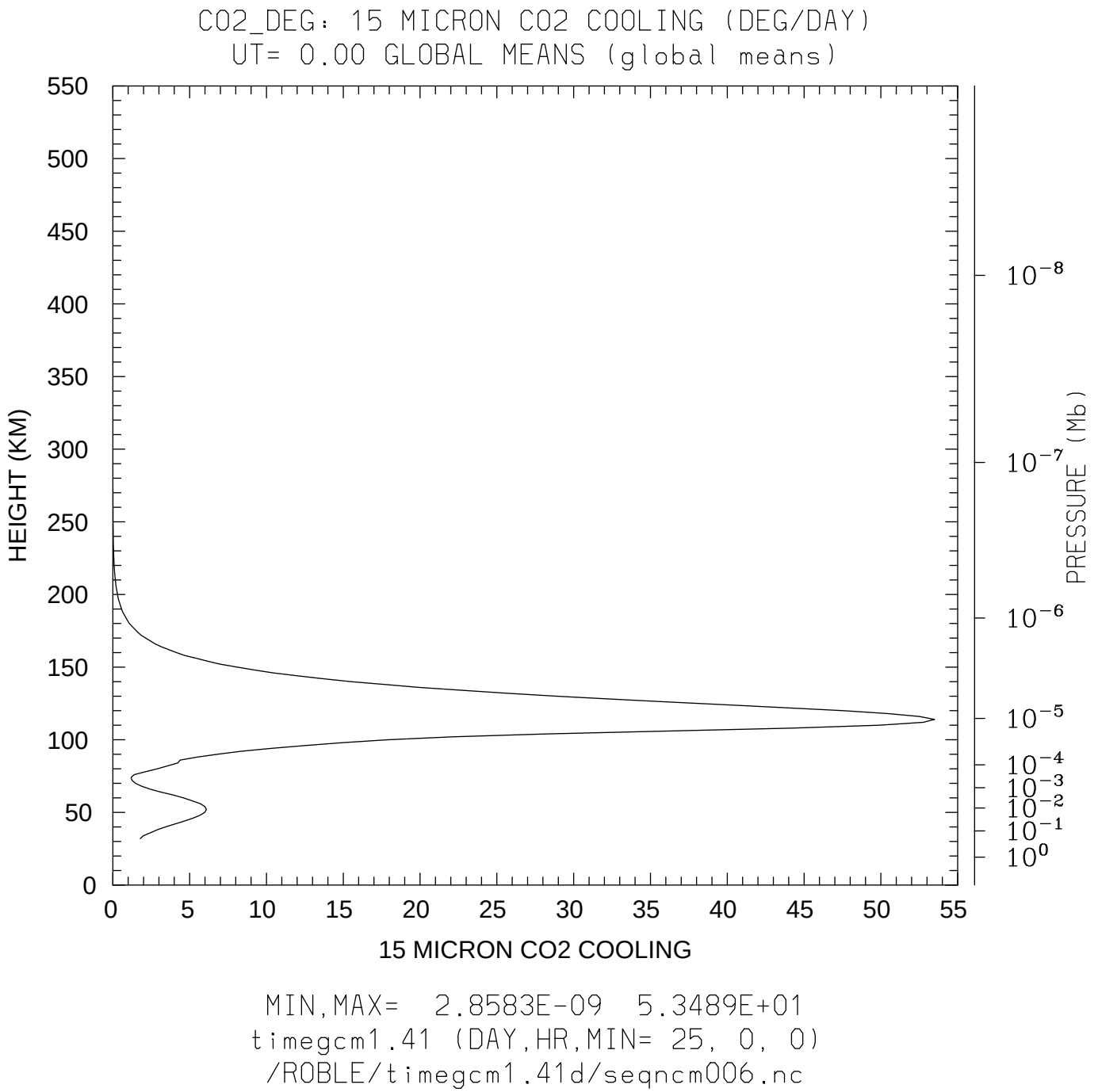


MIN,MAX= 1.1396E+00 2.0320E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

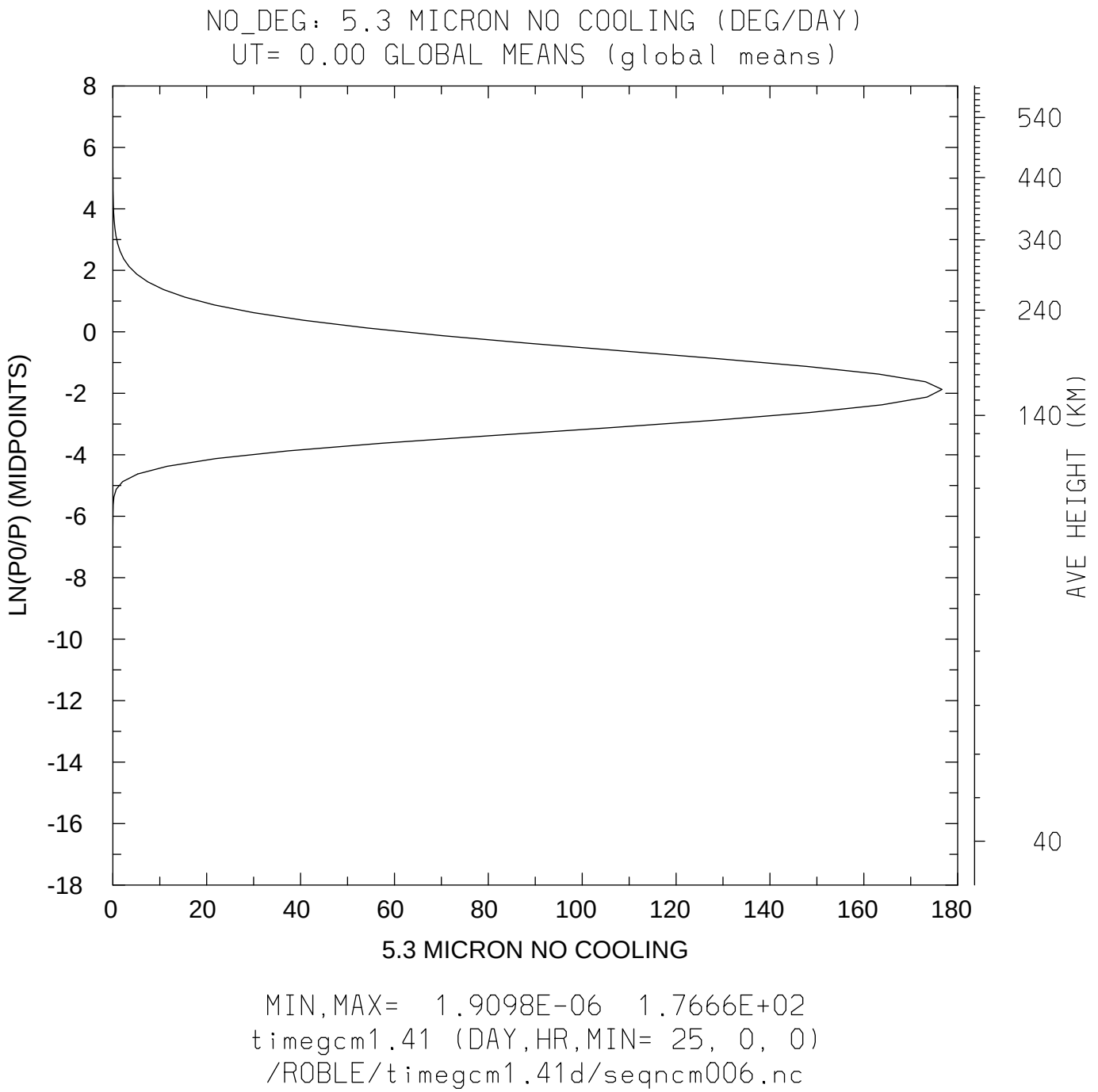


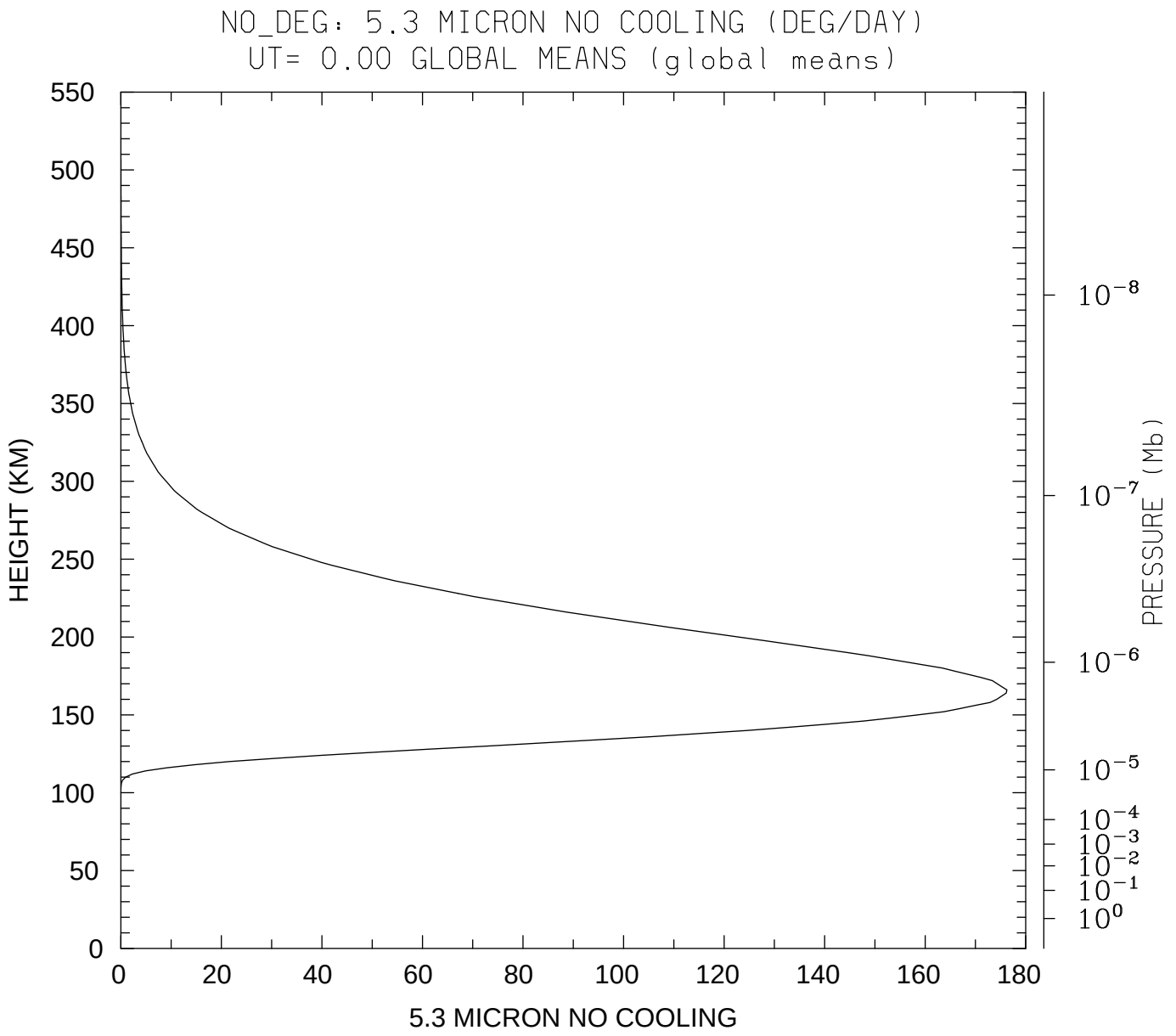
MIN,MAX= 1.1407E+00 2.0298E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc


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
5
10
15
20
25
30
35
40
45
50
55
15 MICRON CO2 COOLING
AVE HEIGHT (KM)
540
440
340
240
140
40
MIN,MAX= 3.4359E-10 5.3593E+01
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

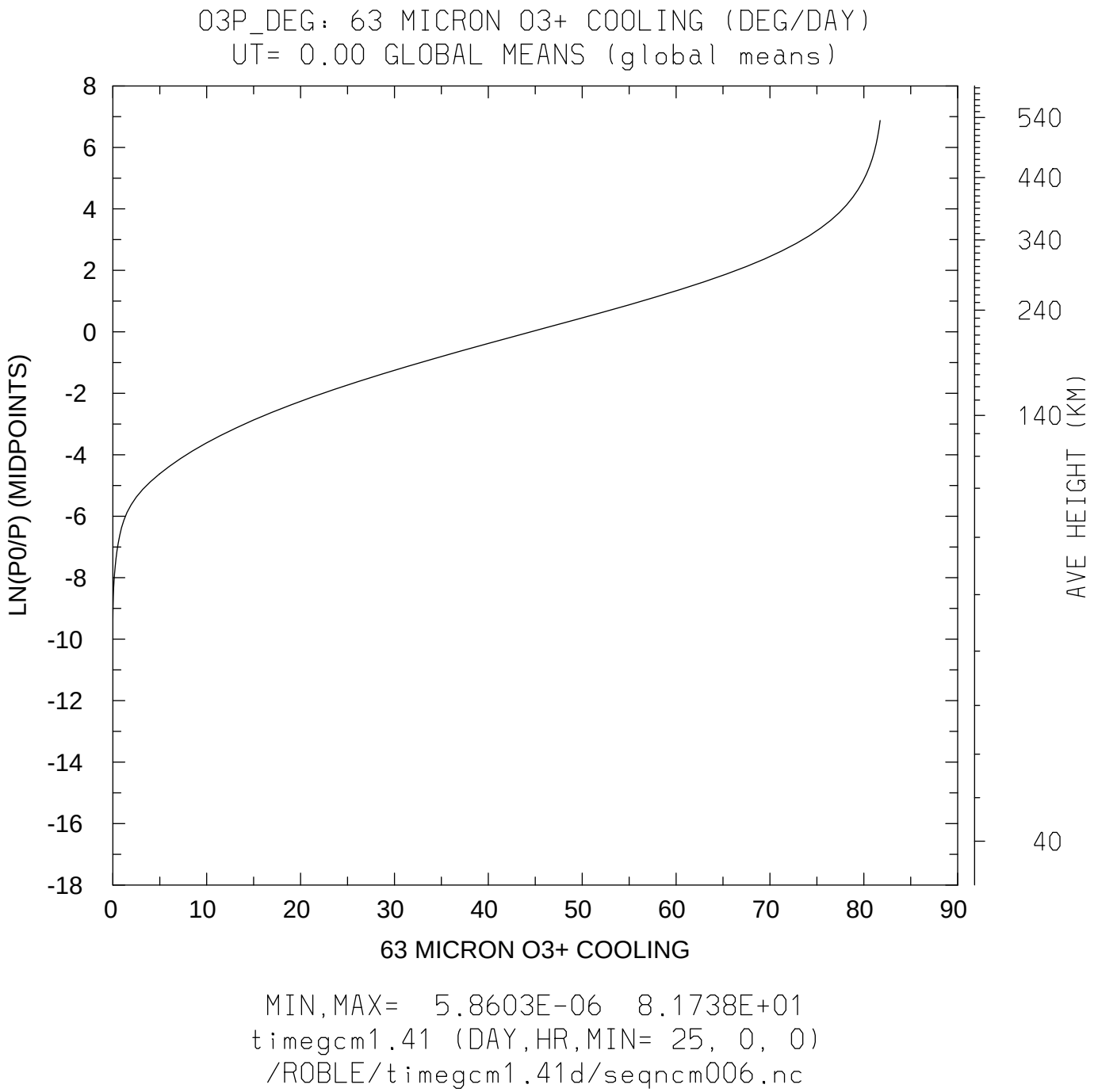


MIN,MAX= 2.8583E-09 5.3489E+01
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

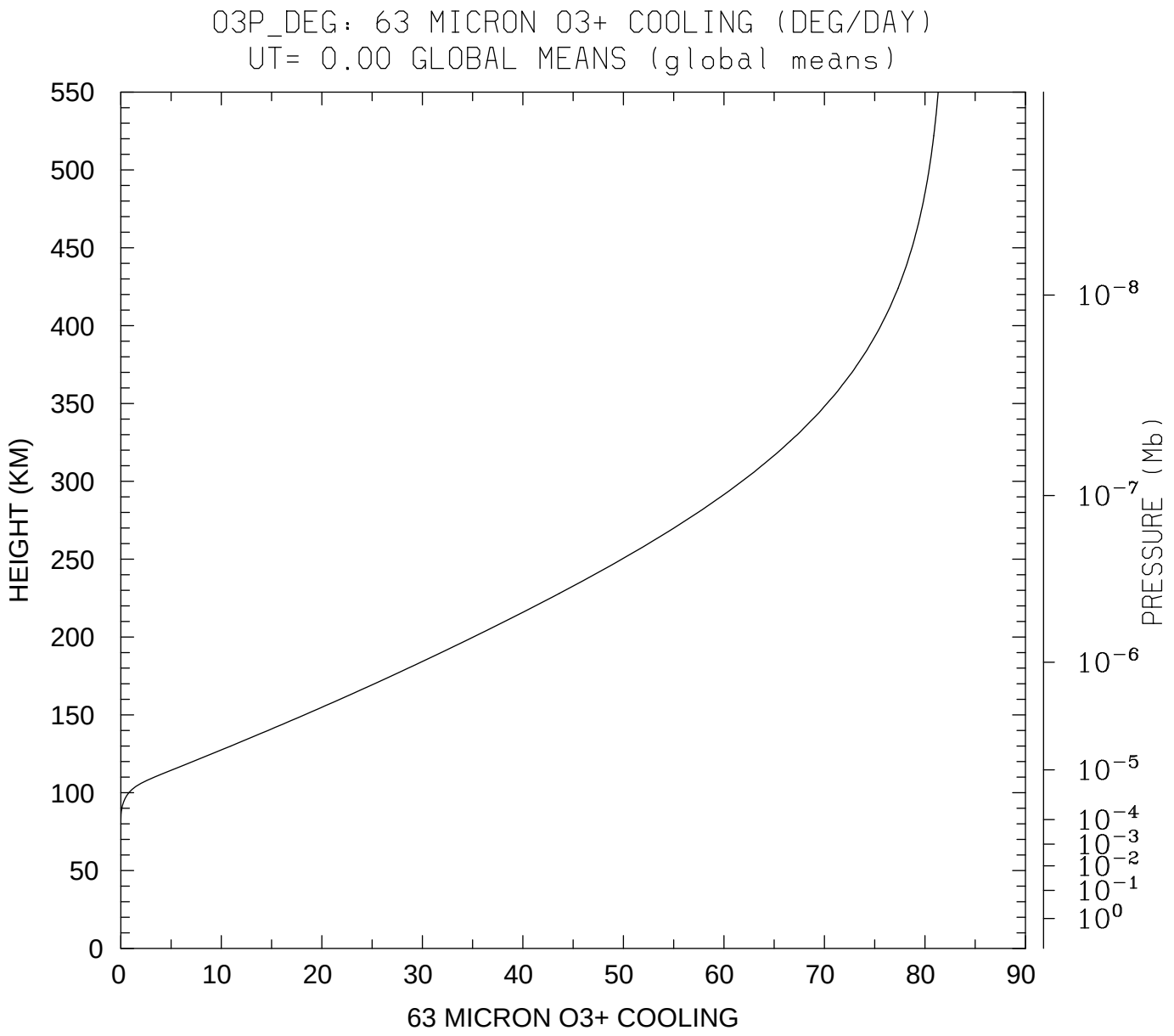

NO_DEG: 5.3 MICRON NO COOLING (DEG/DAY)
UT= 0.00 GLOBAL MEANS (global means)
LN(P0/P) (MIDPOINTS)
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
20
40
60
80
100
120
140
160
180
5.3 MICRON NO COOLING
AVE HEIGHT (KM)
540
440
340
240
140
40
MIN,MAX= 1.9098E-06 1.7666E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



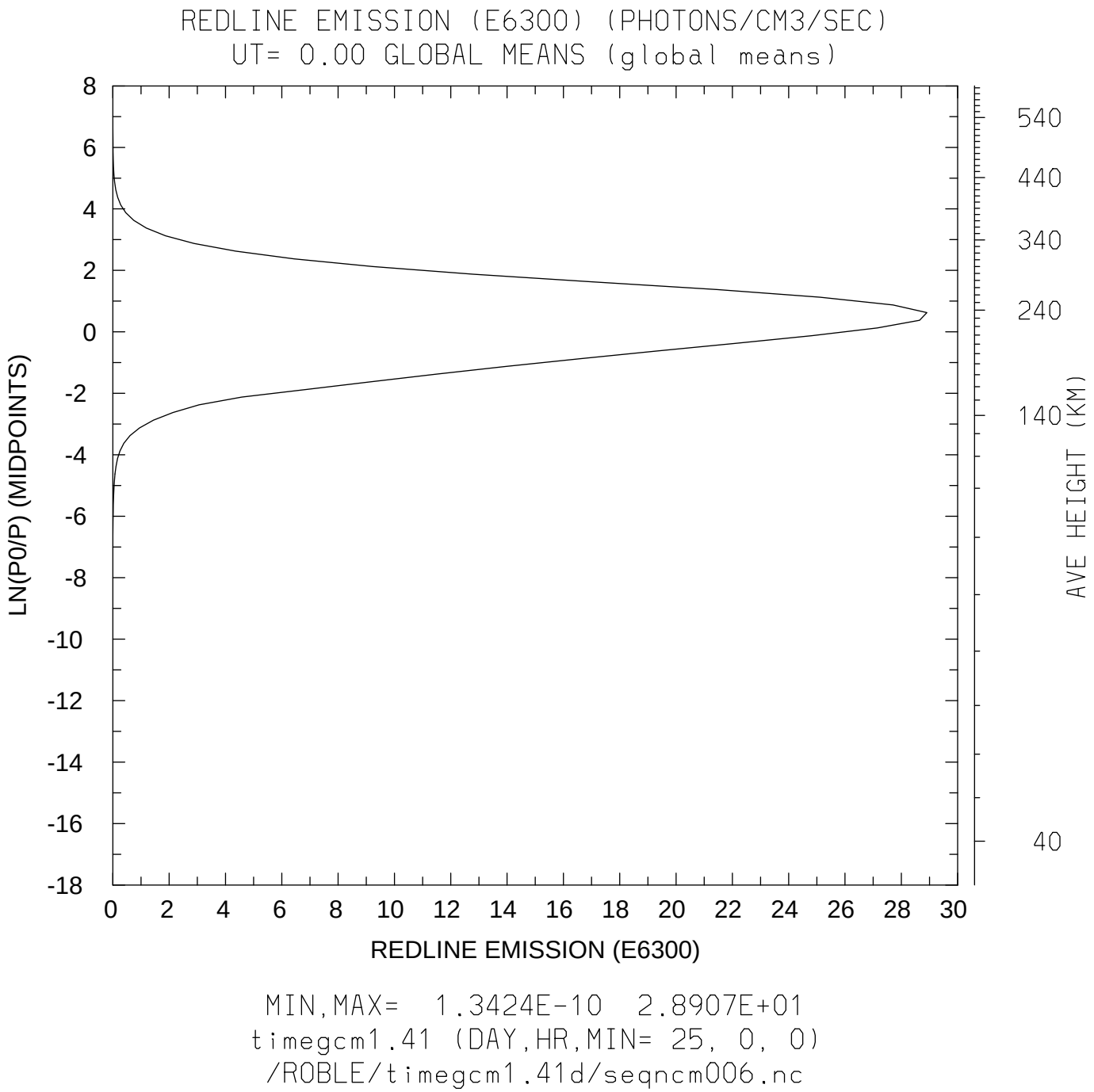
MIN,MAX= 1.9441E-06 1.7625E+02
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc

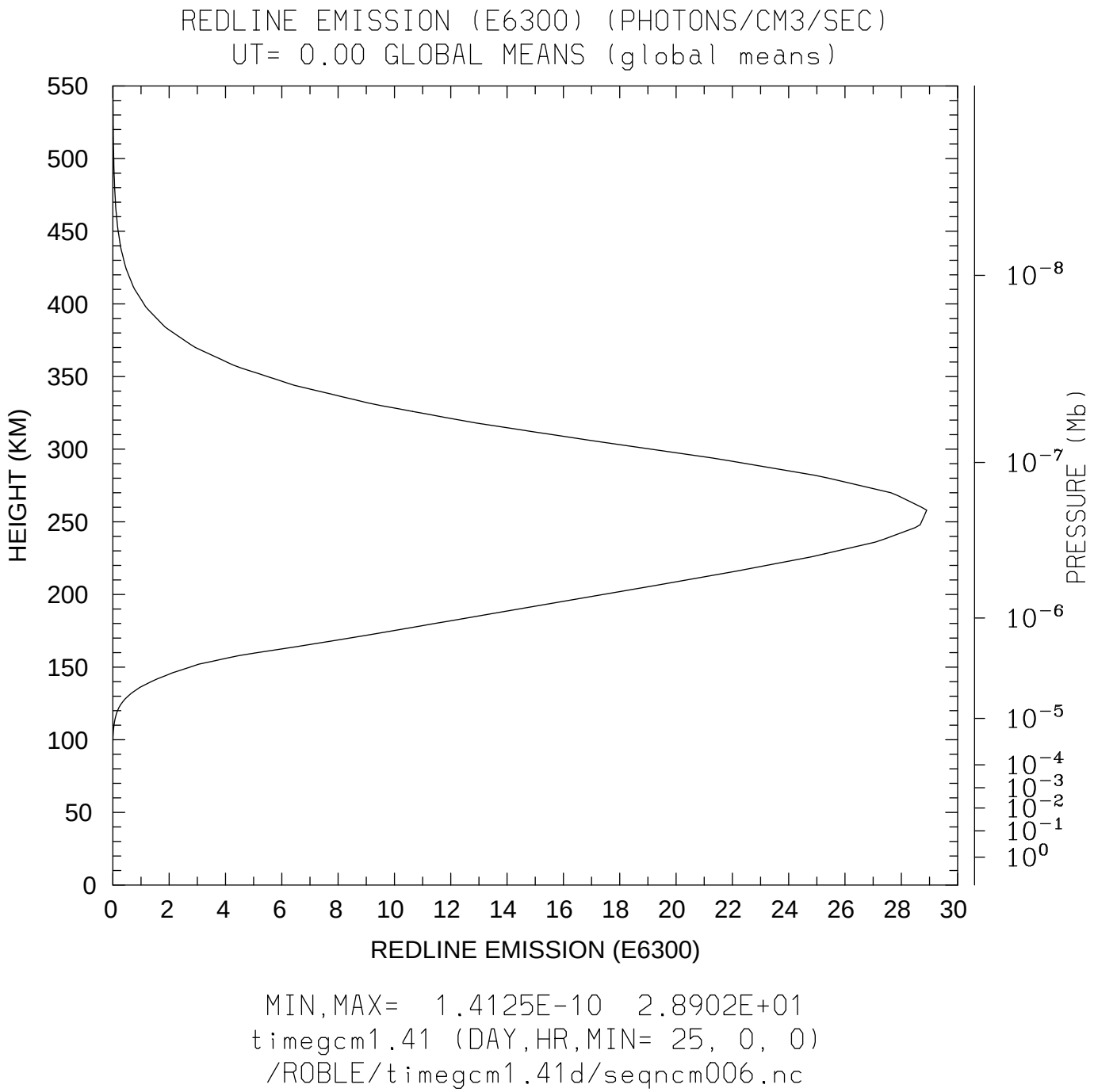


MIN,MAX= 5.8603E-06 8.1738E+01
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



MIN,MAX= 6.2606E-06 8.1313E+01
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc


REDLINE EMISSION (E6300) (PHOTONS/CM3/SEC)
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 4 6 8 10 12 14 16 18 20 22 24 26 28 30
REDLINE EMISSION (E6300)
AVE HEIGHT (KM)
540
440
340
240
140
40
MIN,MAX= 1.3424E-10 2.8907E+01
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc



MIN,MAX= 1.4125E-10 2.8902E+01
timegcm1.41 (DAY,HR,MIN= 25, 0, 0)
/ROBLE/timegcm1.41d/seqncm006.nc