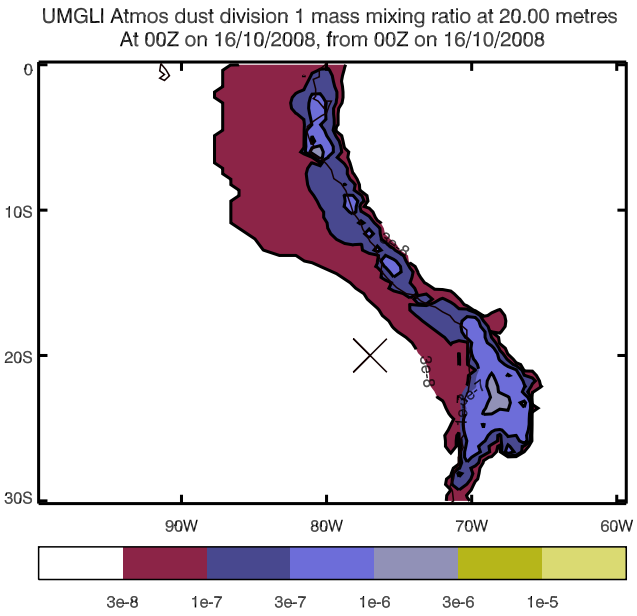
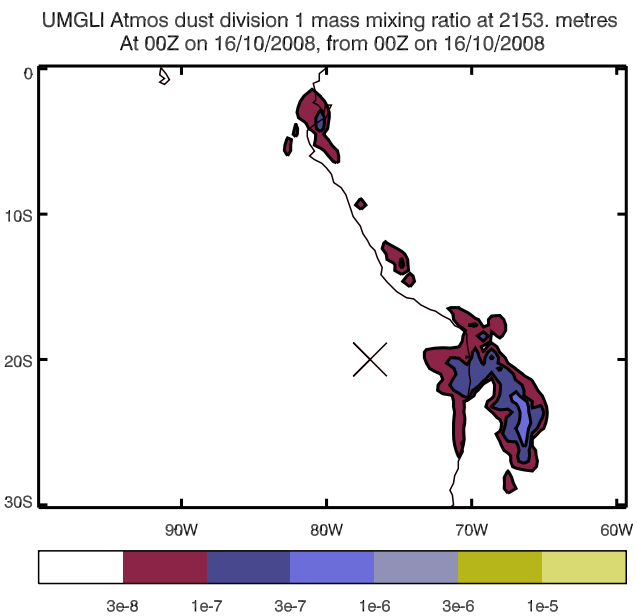
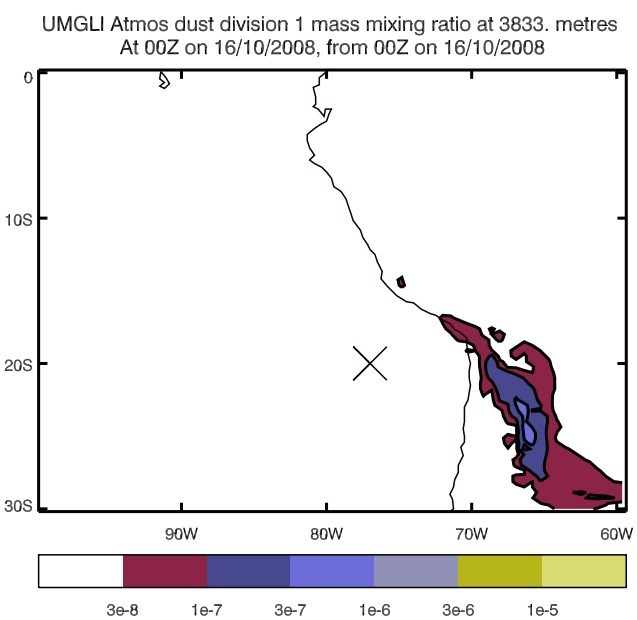
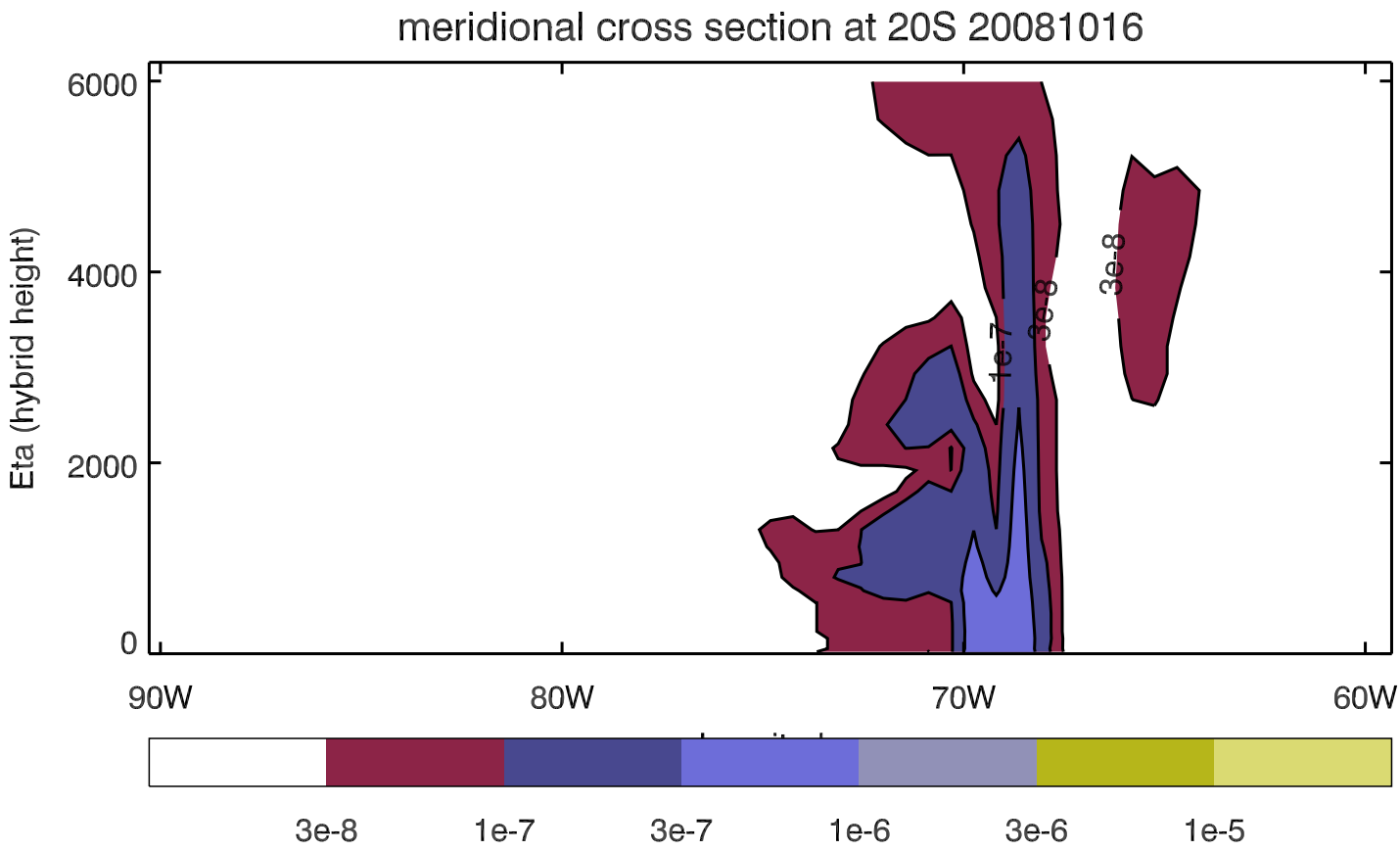
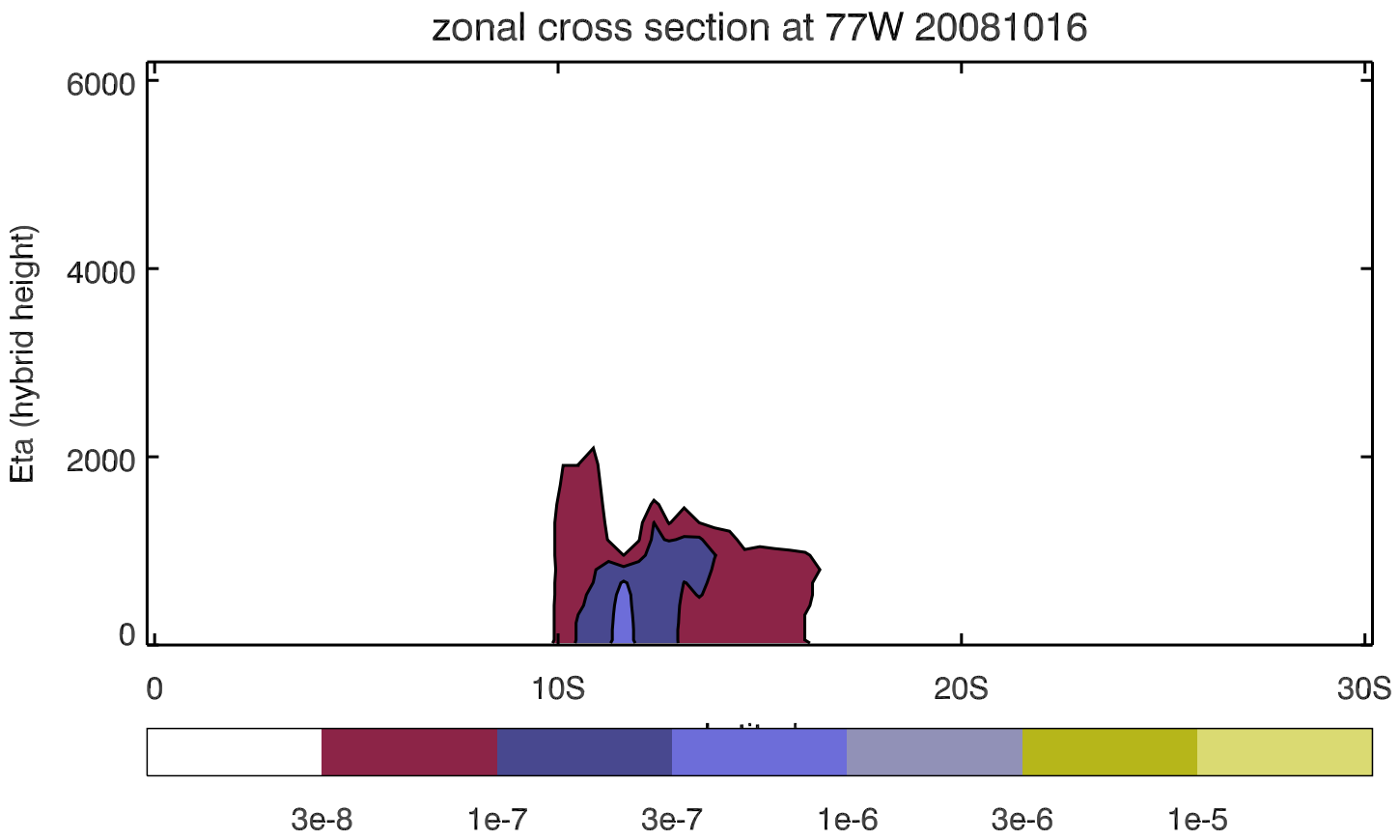
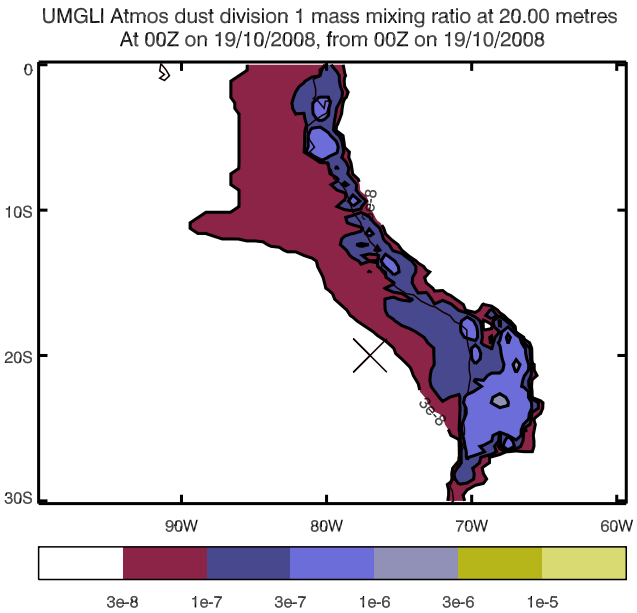

UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 16/10/2008, from 00Z on 16/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

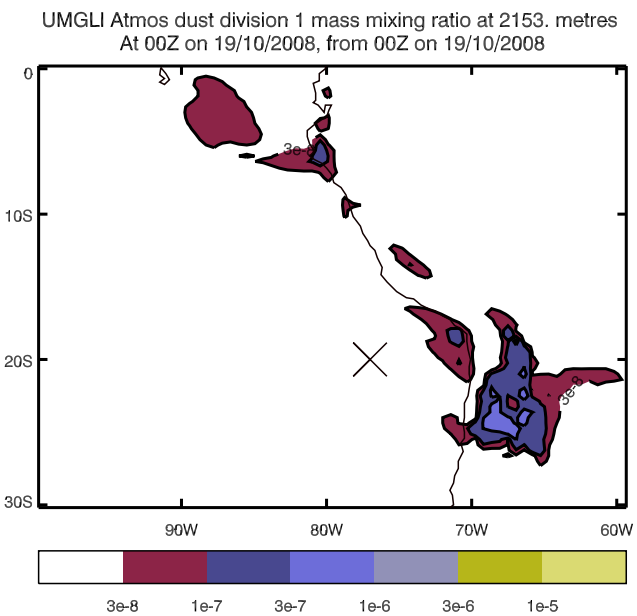

UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 16/10/2008, from 00Z on 16/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

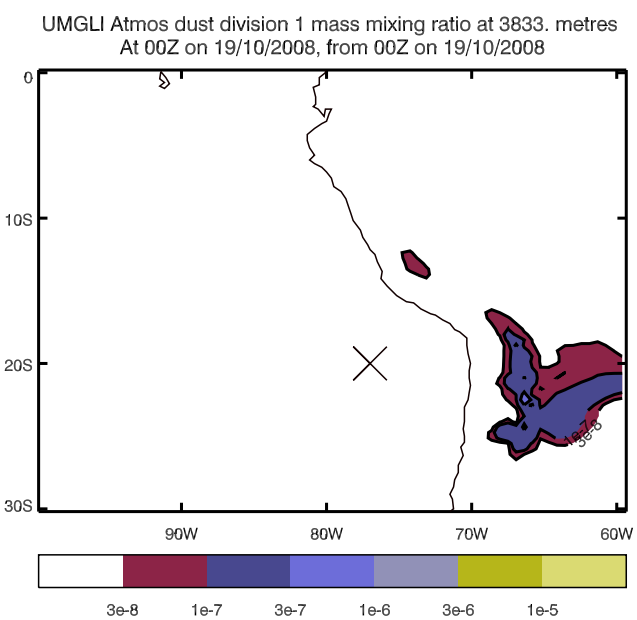

UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 16/10/2008, from 00Z on 16/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

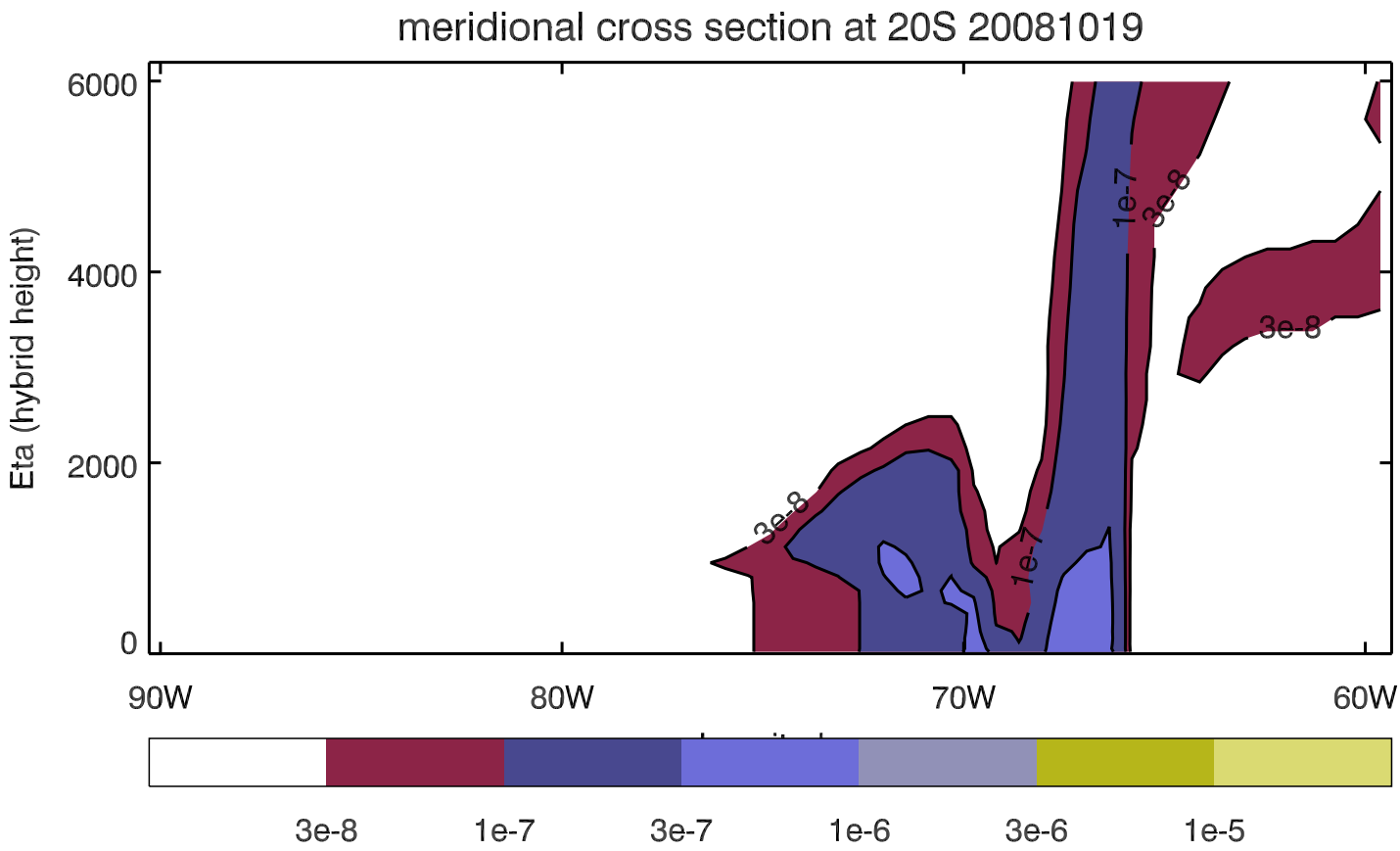

meridional cross section at 20S 20081016
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

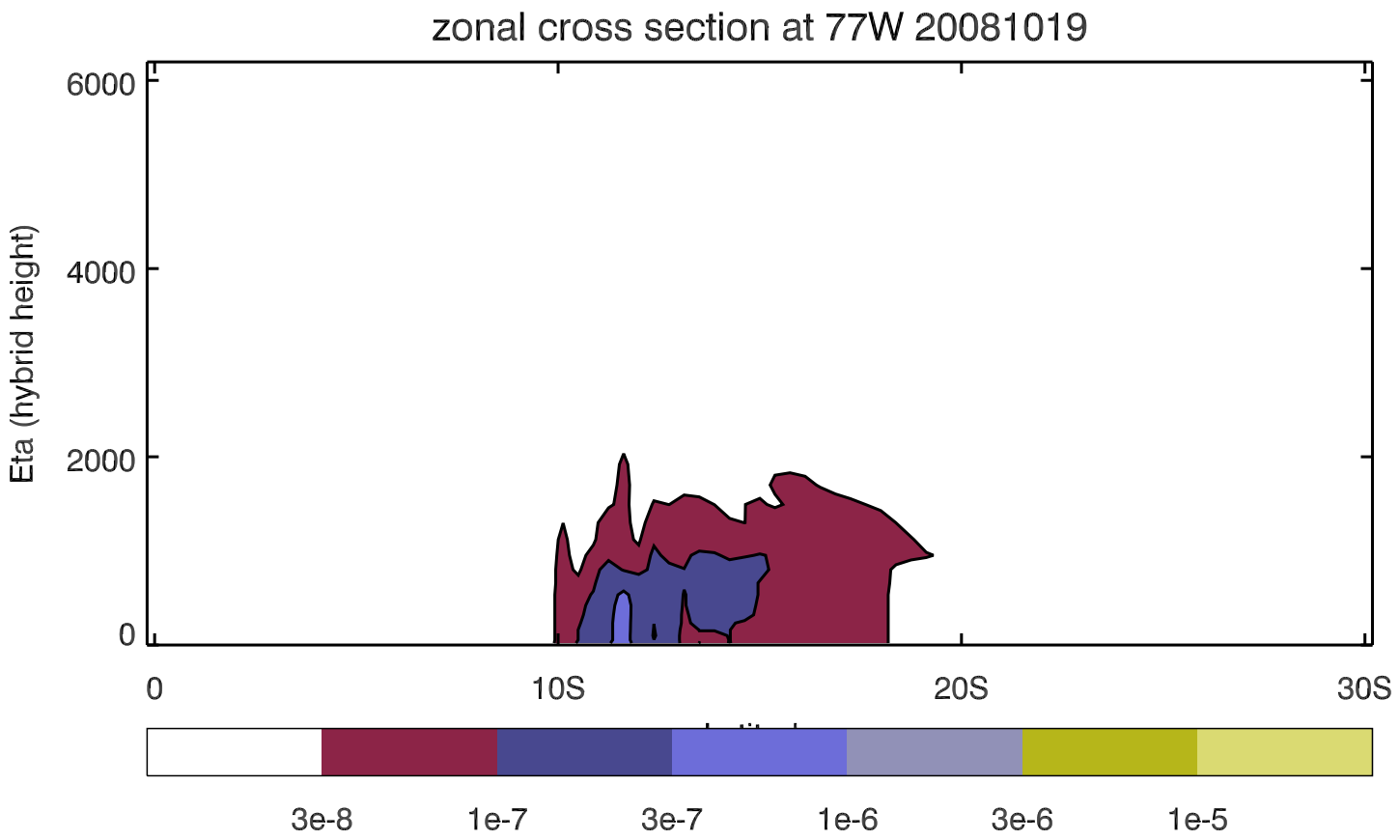

zonal cross section at 77W 20081016
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

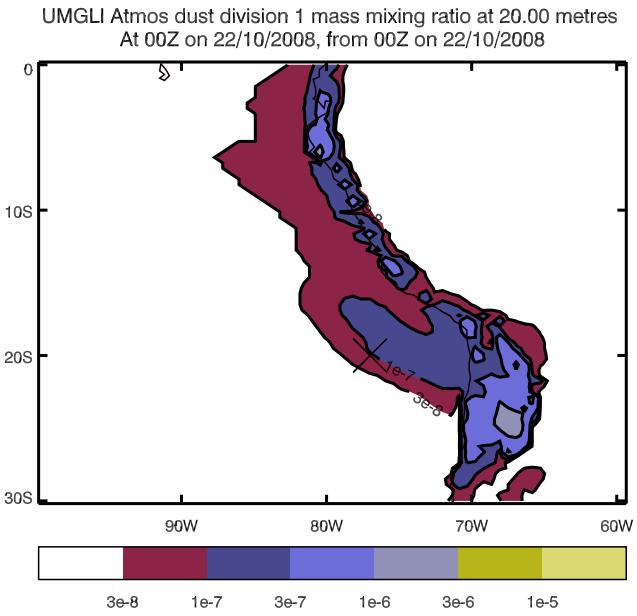

UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 19/10/2008, from 00Z on 19/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

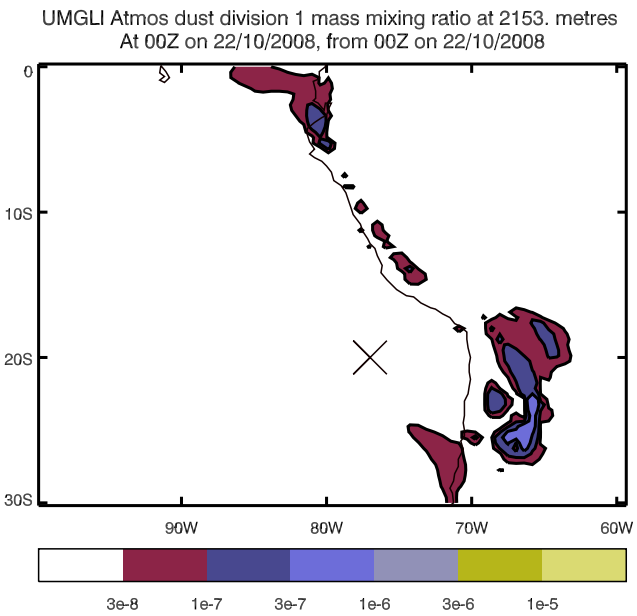

UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 19/10/2008, from 00Z on 19/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

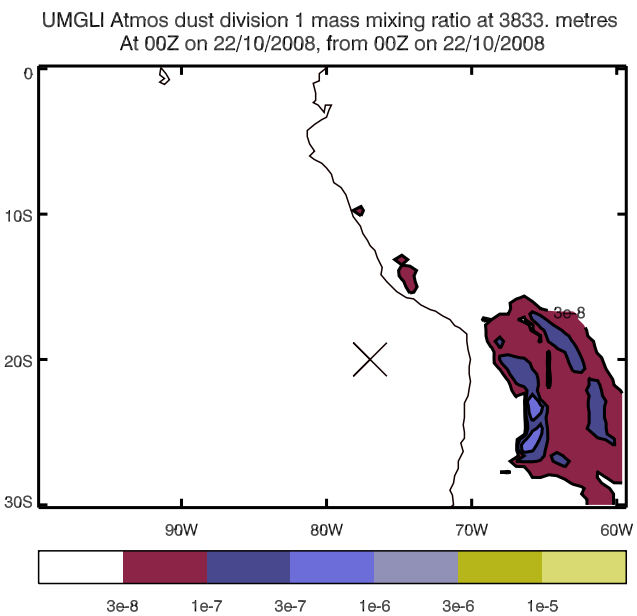

UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 19/10/2008, from 00Z on 19/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

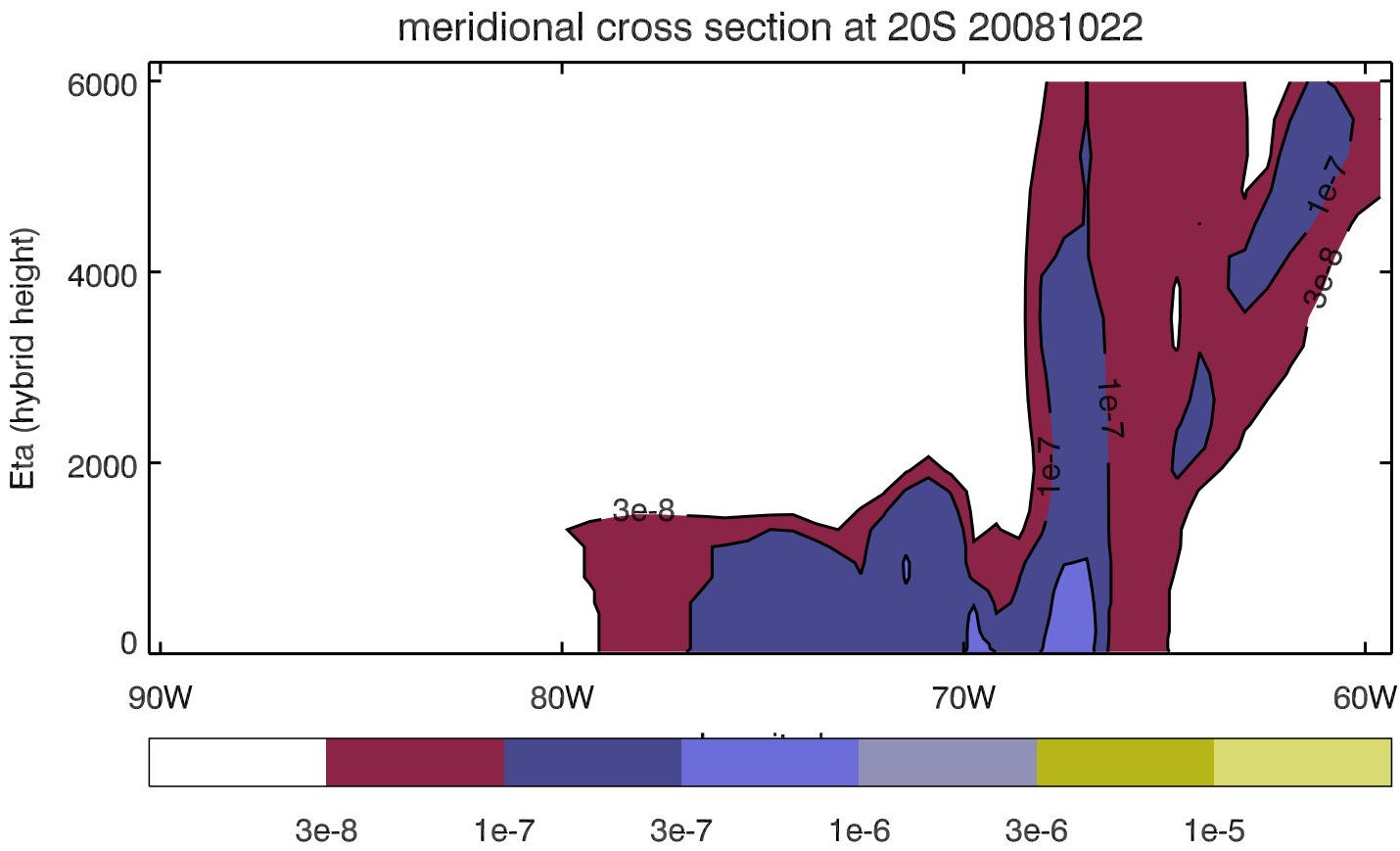

meridional cross section at 20S 20081019
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

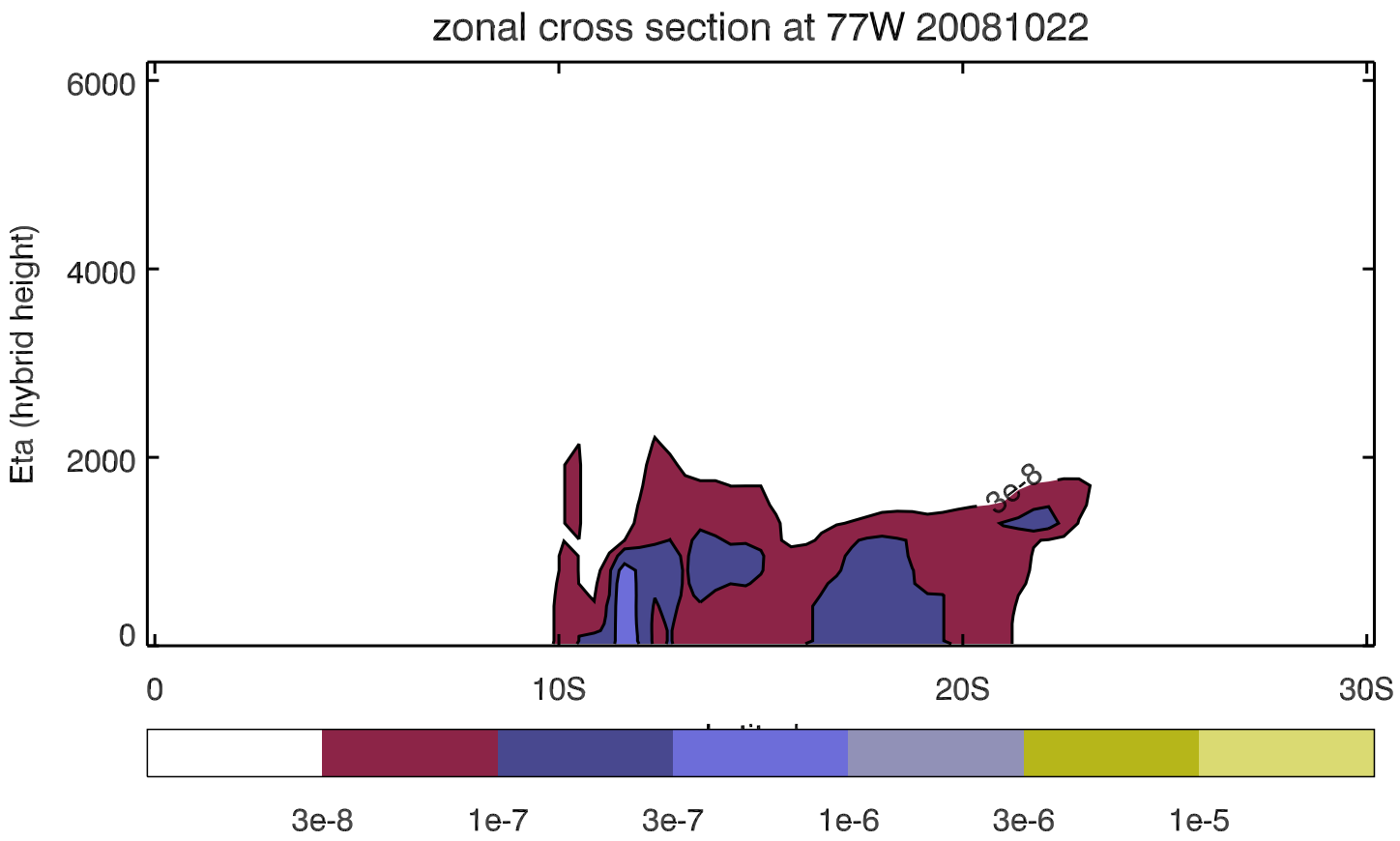

zonal cross section at 77W 20081019
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

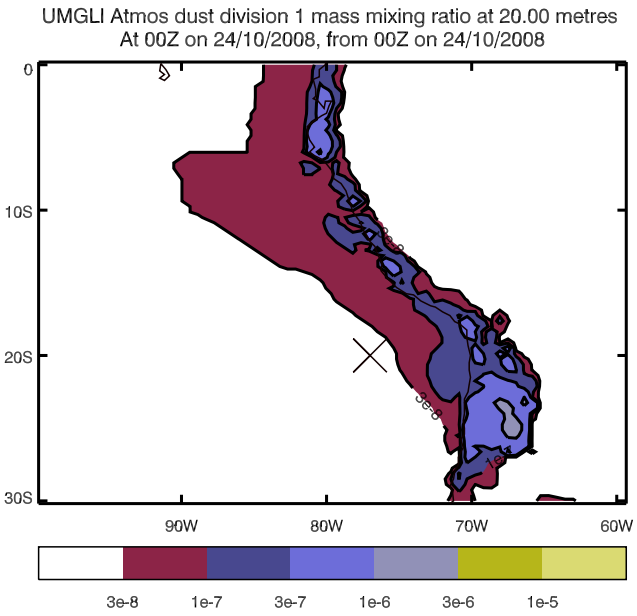

UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 22/10/2008, from 00Z on 22/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

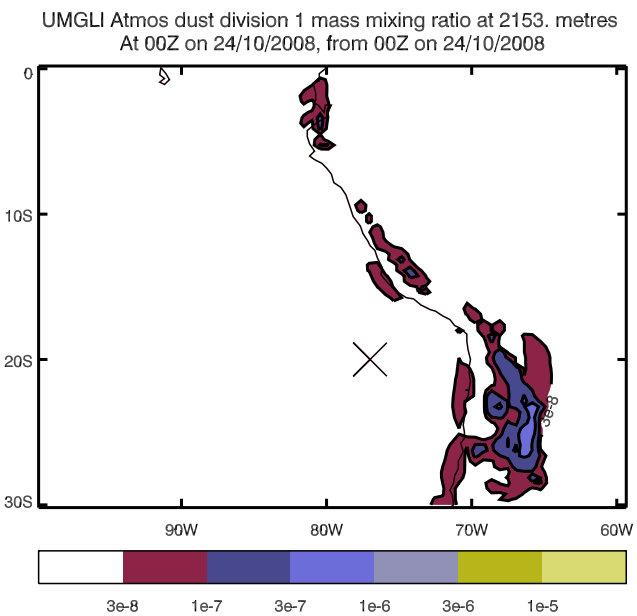

UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 22/10/2008, from 00Z on 22/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

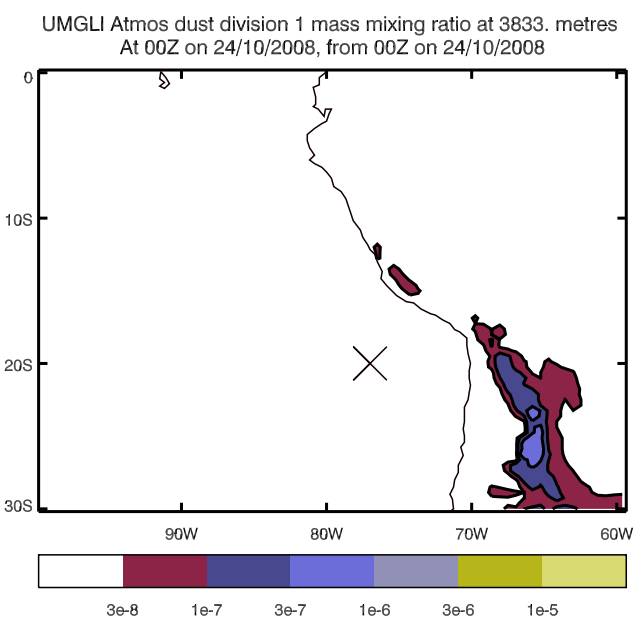

UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 22/10/2008, from 00Z on 22/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

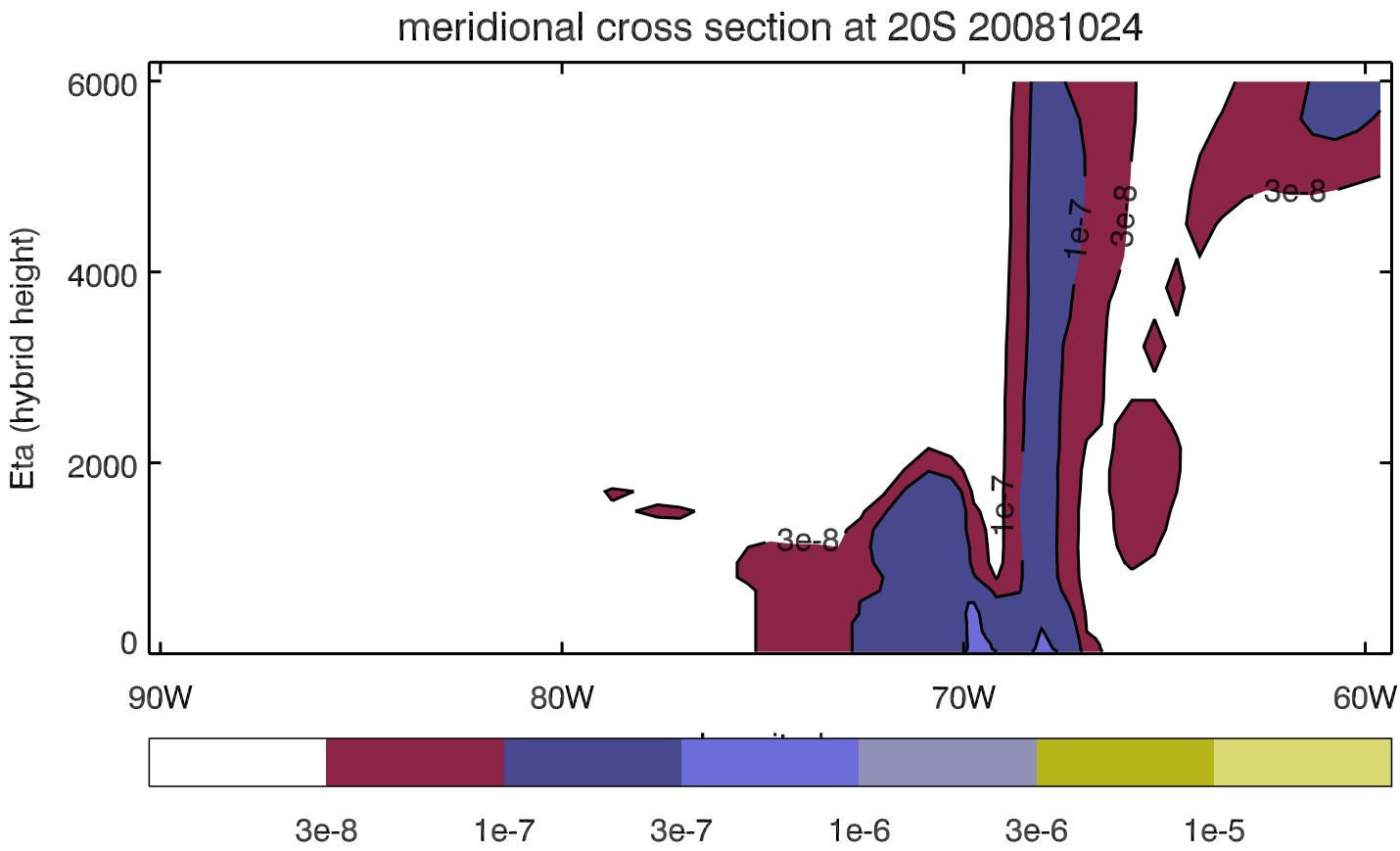

meridional cross section at 20S 20081022
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

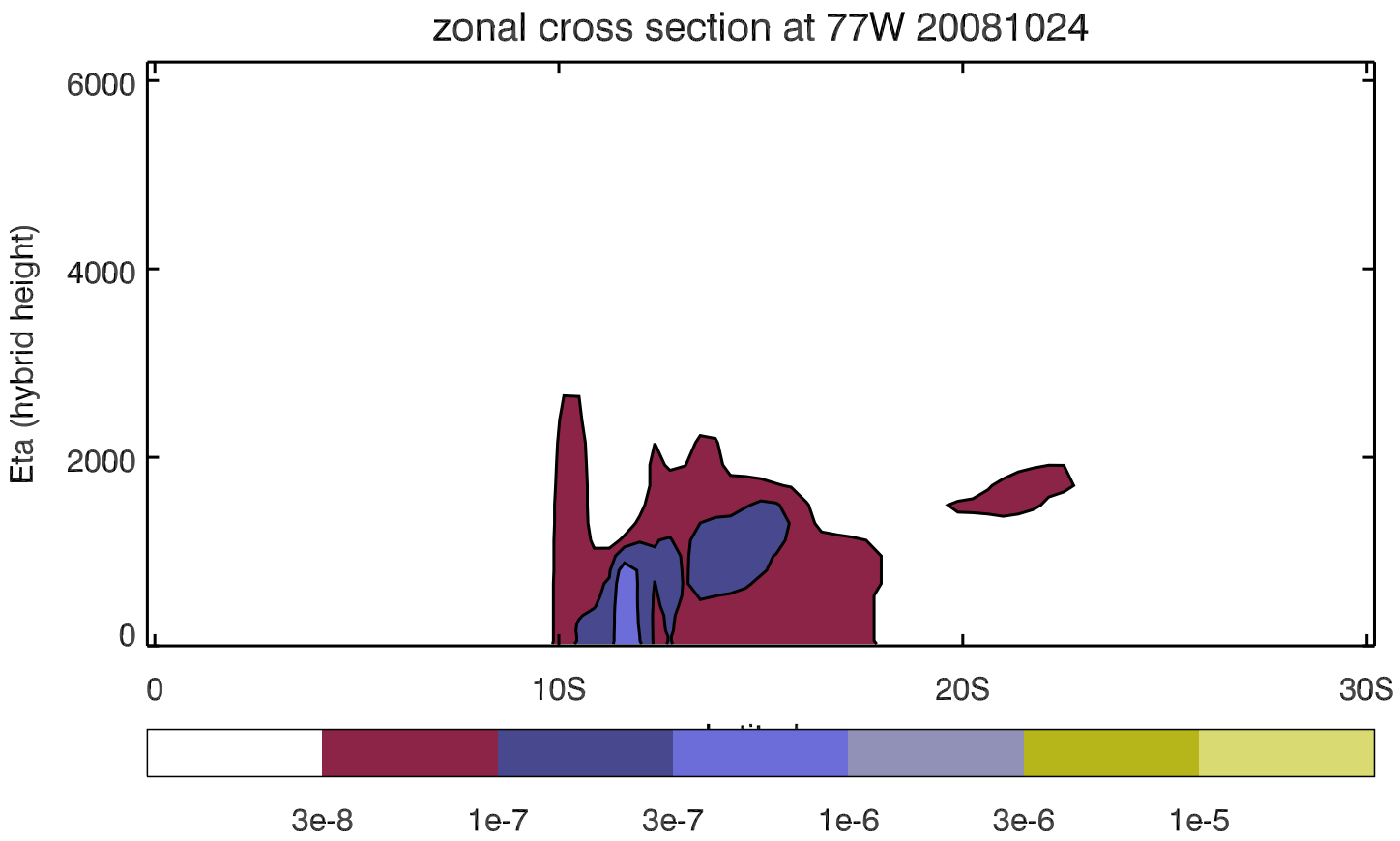

zonal cross section at 77W 20081022
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

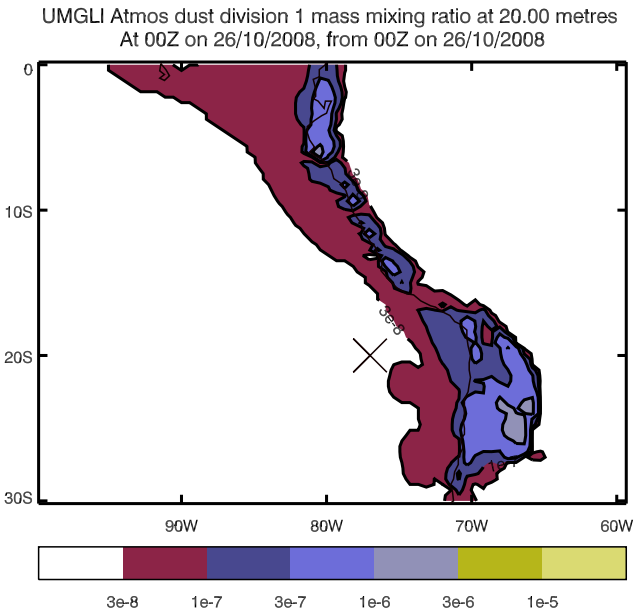

UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 24/10/2008, from 00Z on 24/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

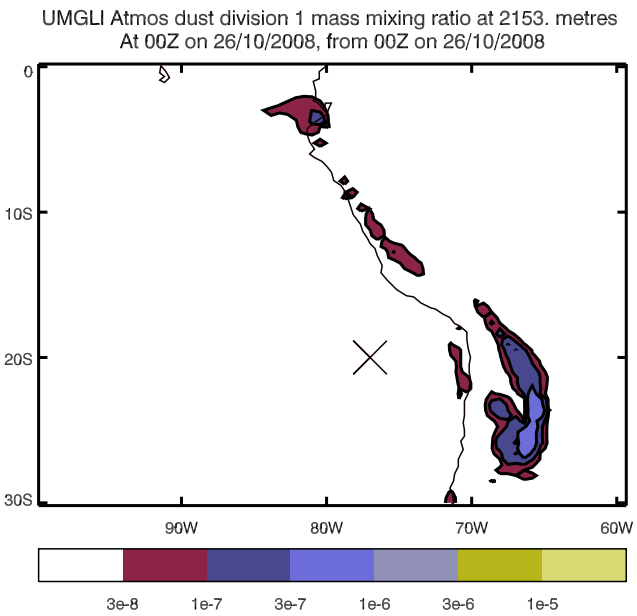

UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 24/10/2008, from 00Z on 24/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

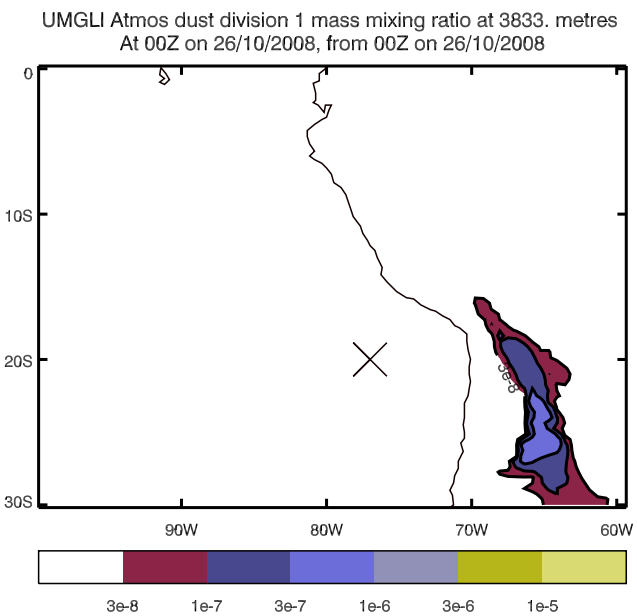

UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 24/10/2008, from 00Z on 24/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

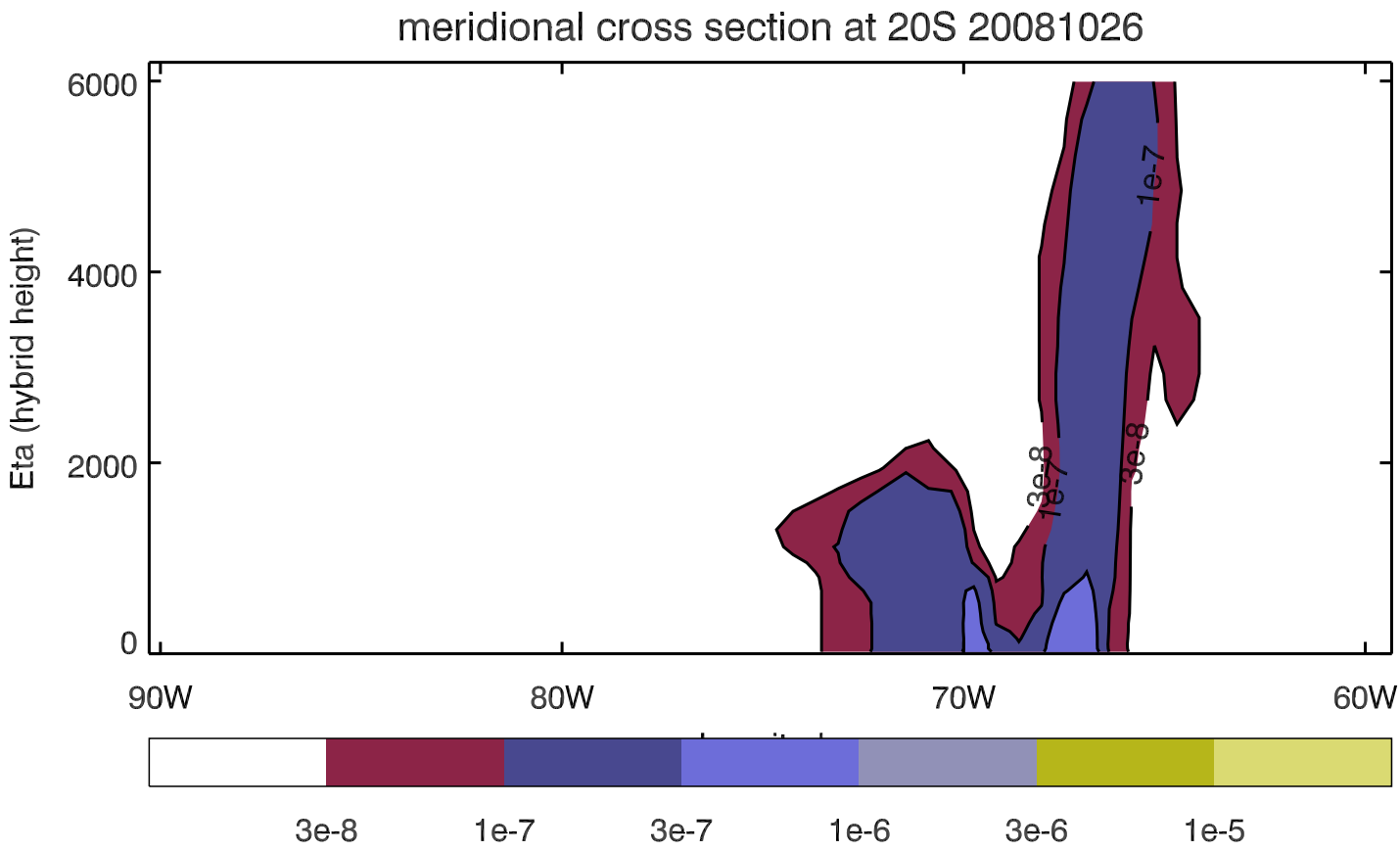

meridional cross section at 20S 20081024
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

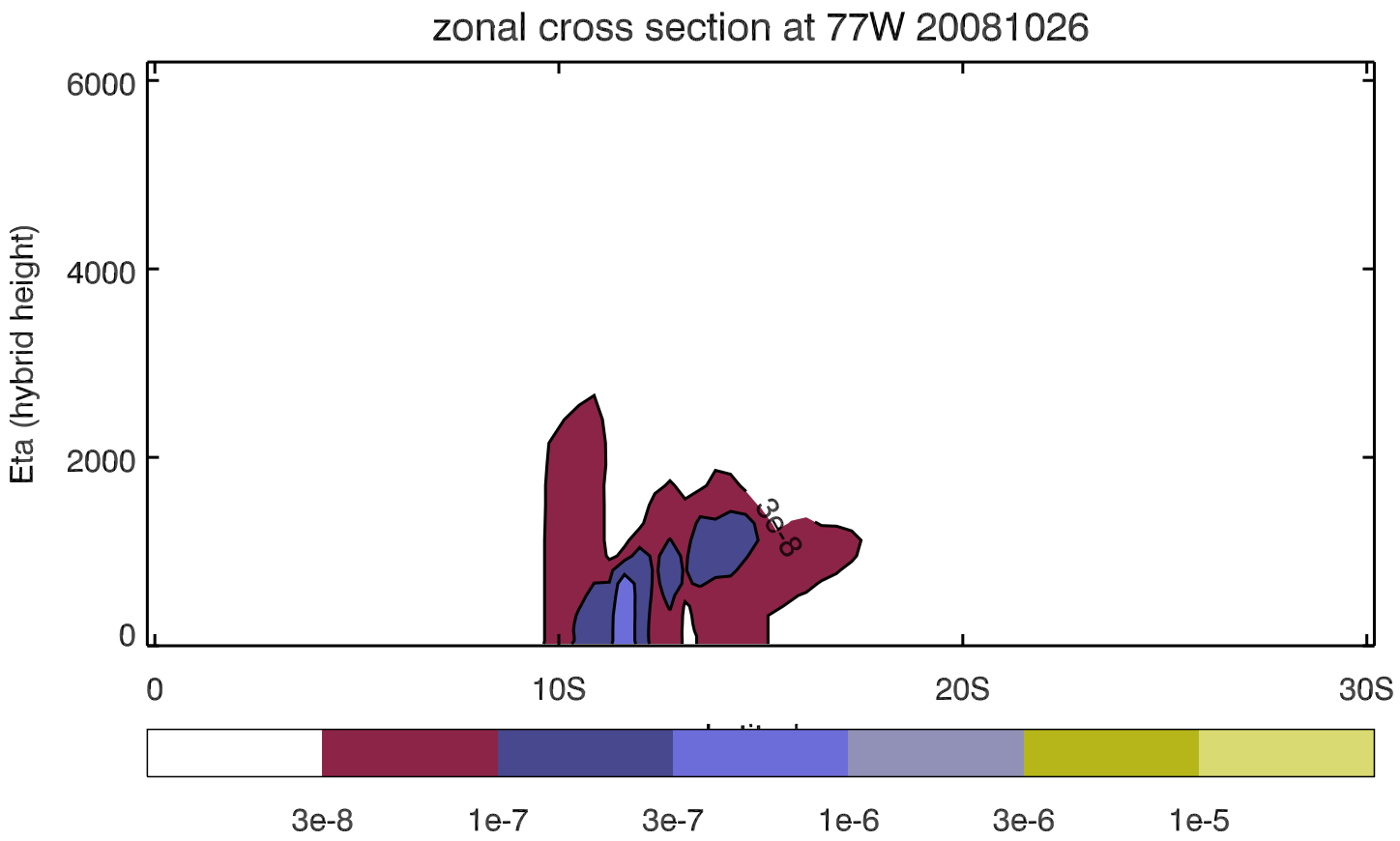

zonal cross section at 77W 20081024
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

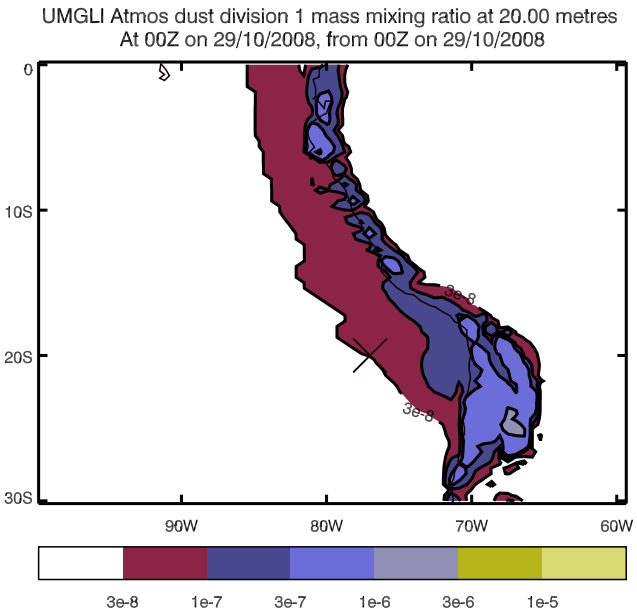

UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 26/10/2008, from 00Z on 26/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

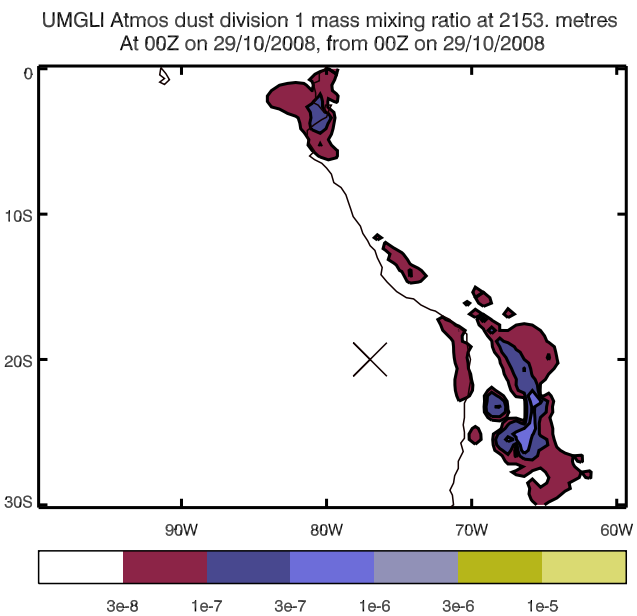

UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 26/10/2008, from 00Z on 26/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

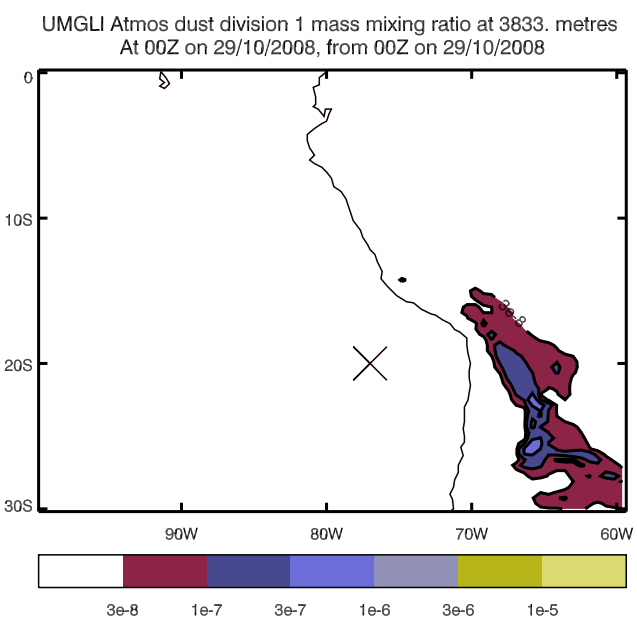

UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 26/10/2008, from 00Z on 26/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

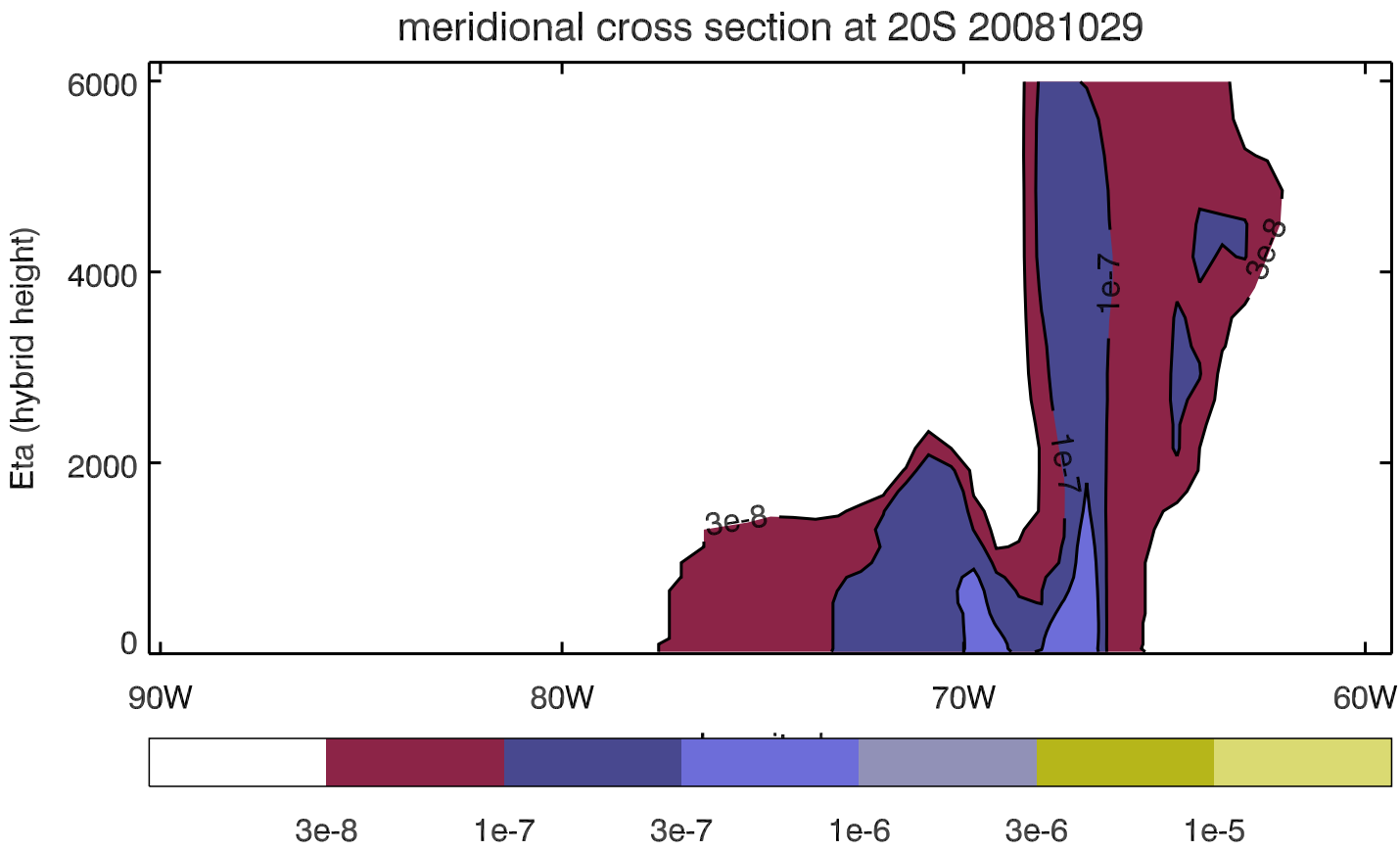

meridional cross section at 20S 20081026
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
1e-7
3e-8
3e-8
1e-7
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

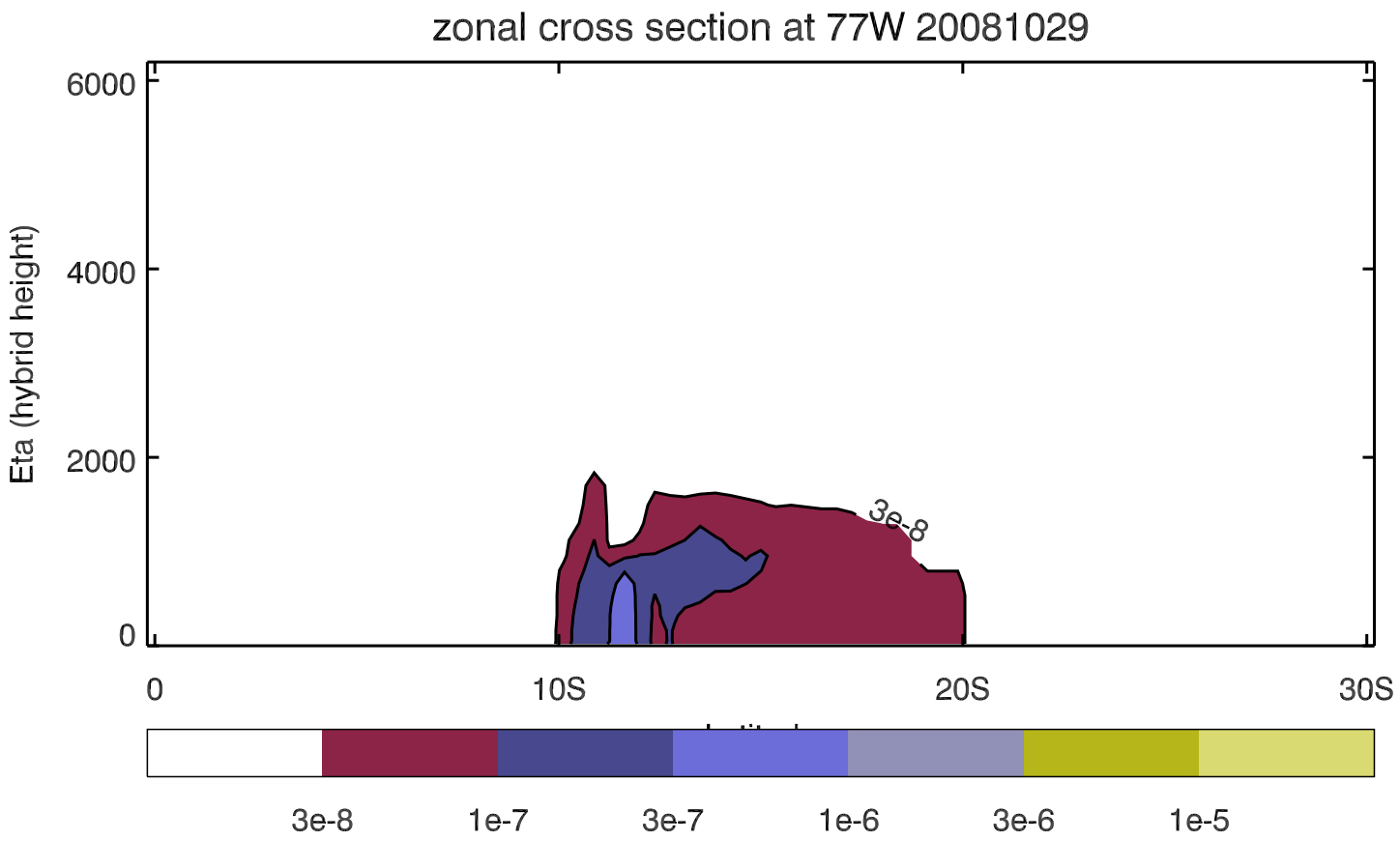

zonal cross section at 77W 20081026
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

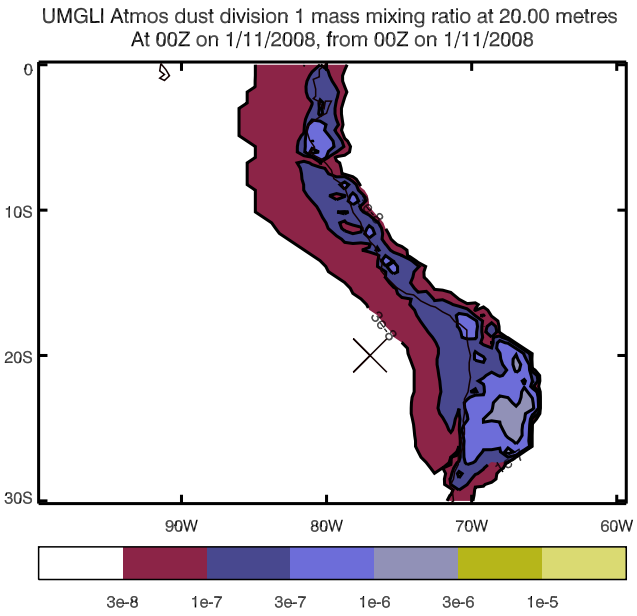

UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 29/10/2008, from 00Z on 29/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
3e-8
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

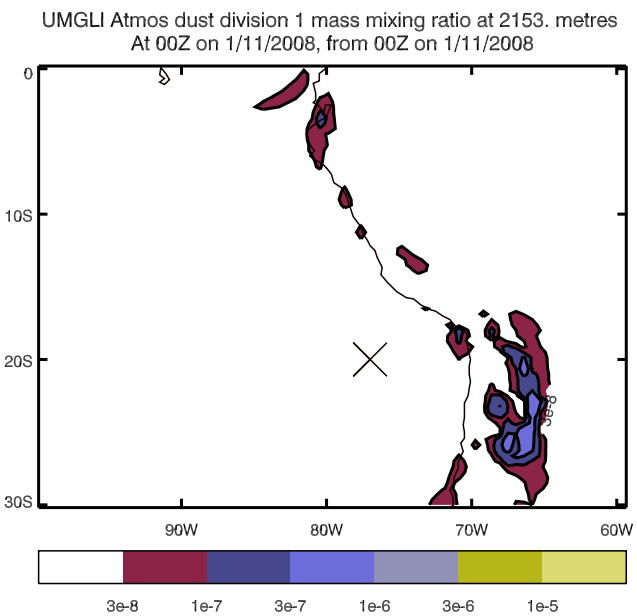

UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 29/10/2008, from 00Z on 29/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

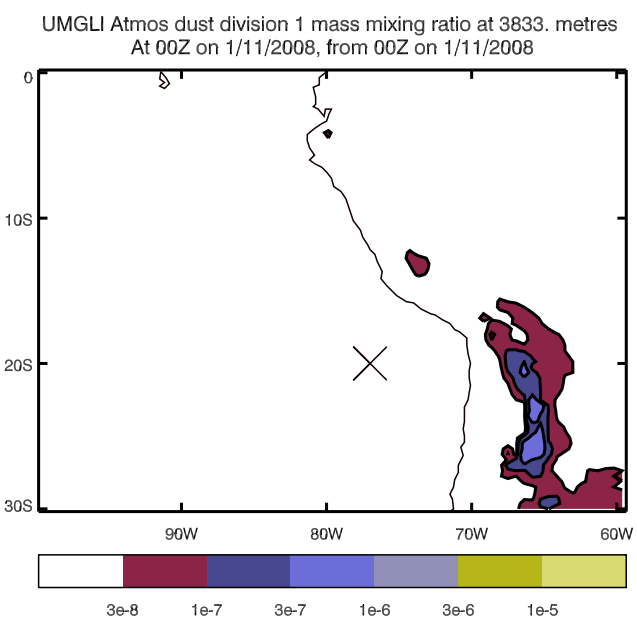

UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 29/10/2008, from 00Z on 29/10/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

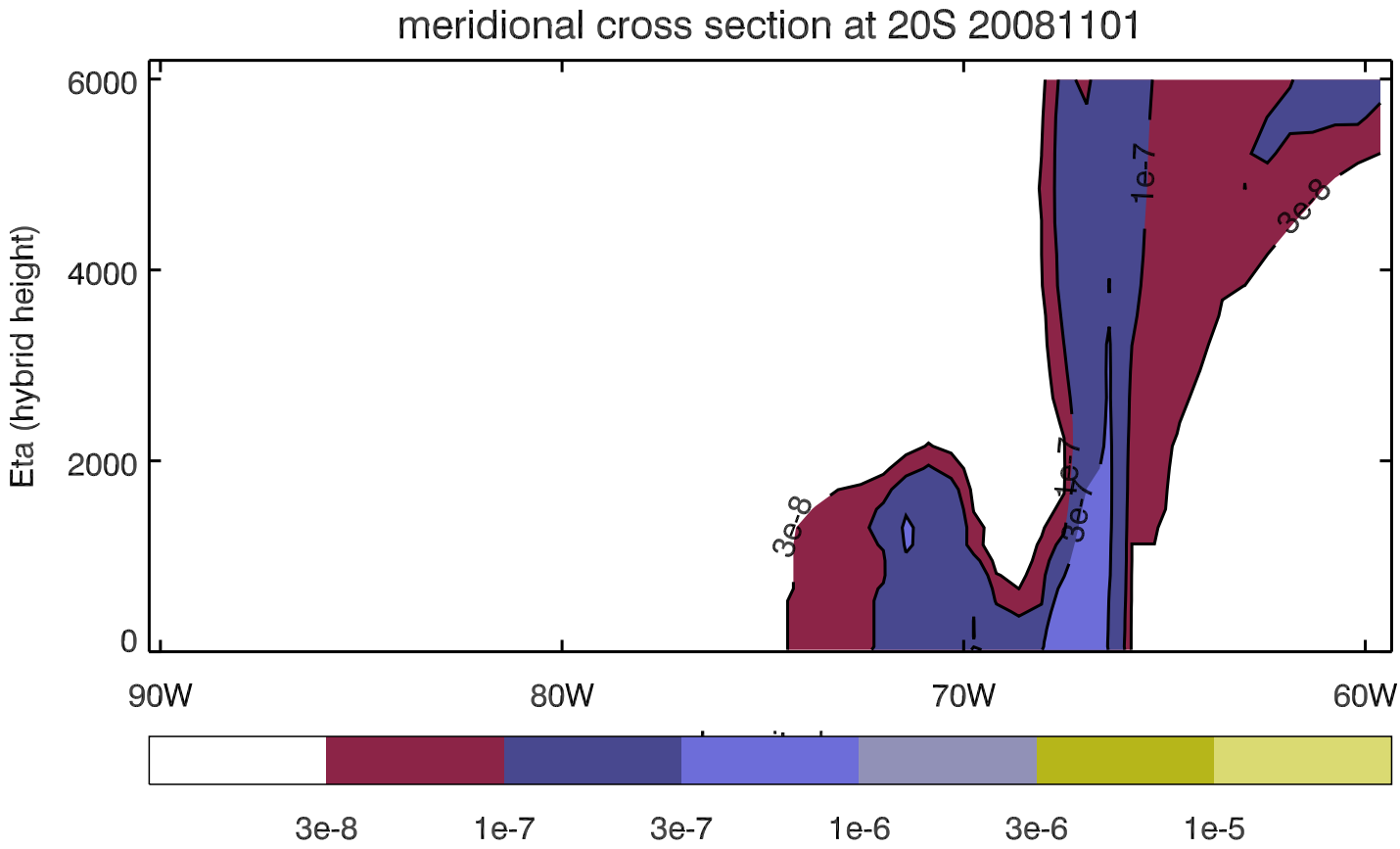

meridional cross section at 20S 20081029
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

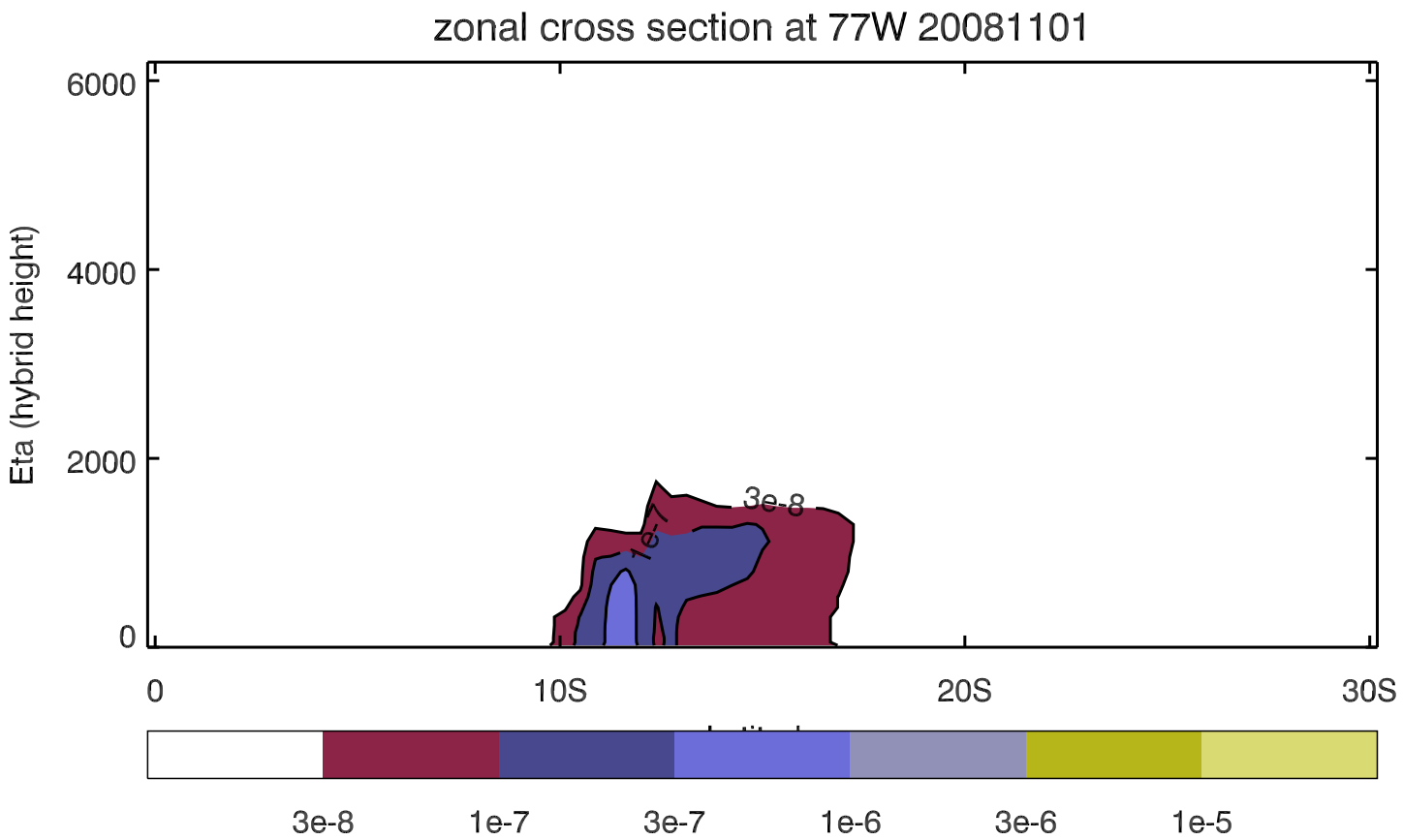

zonal cross section at 77W 20081029
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

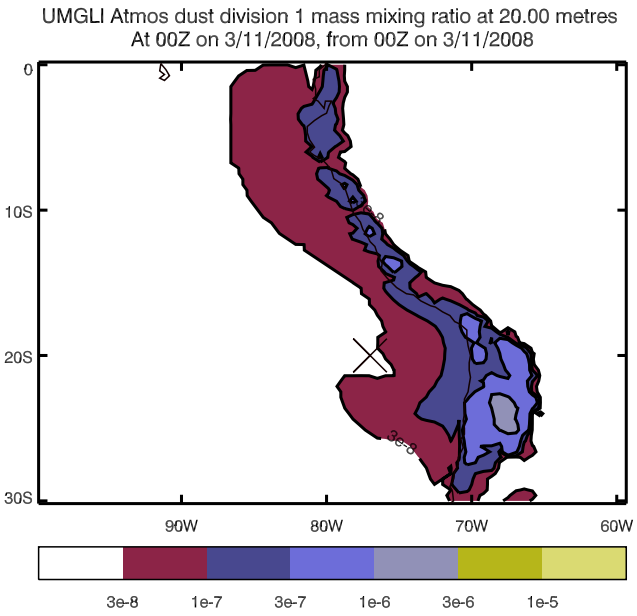

UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 1/11/2008, from 00Z on 1/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

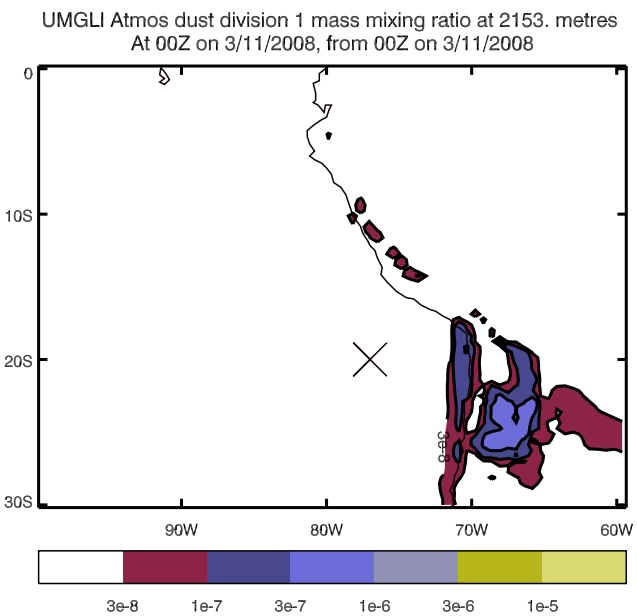

UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 1/11/2008, from 00Z on 1/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

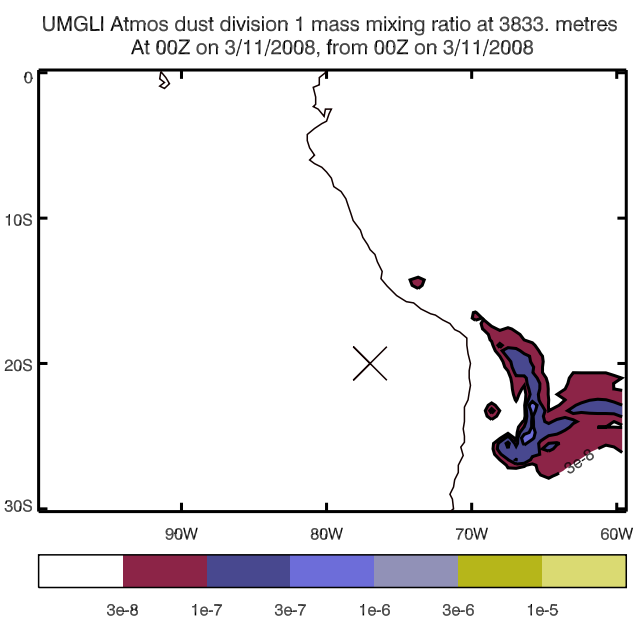

UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 1/11/2008, from 00Z on 1/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

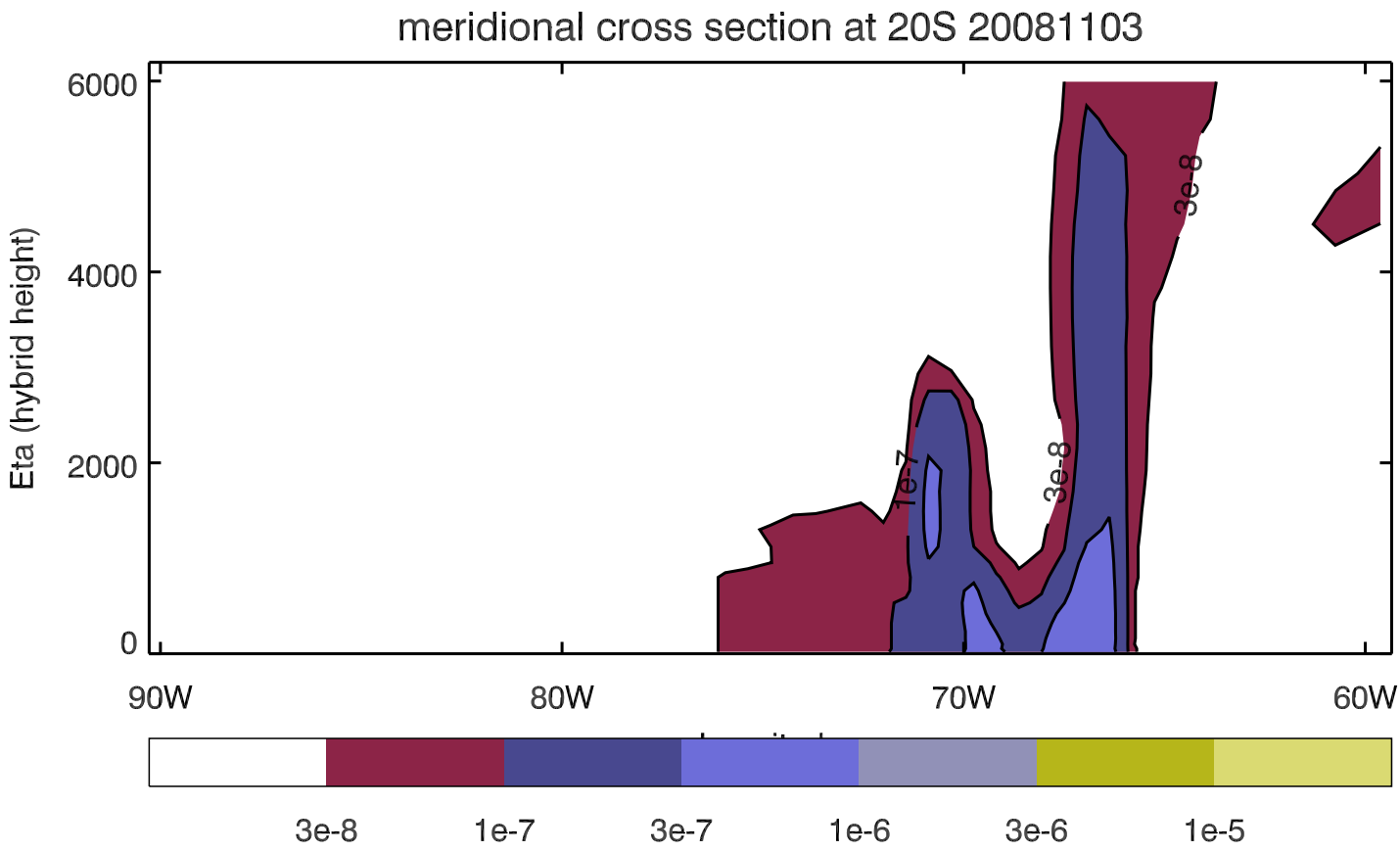

meridional cross section at 20S 20081101
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

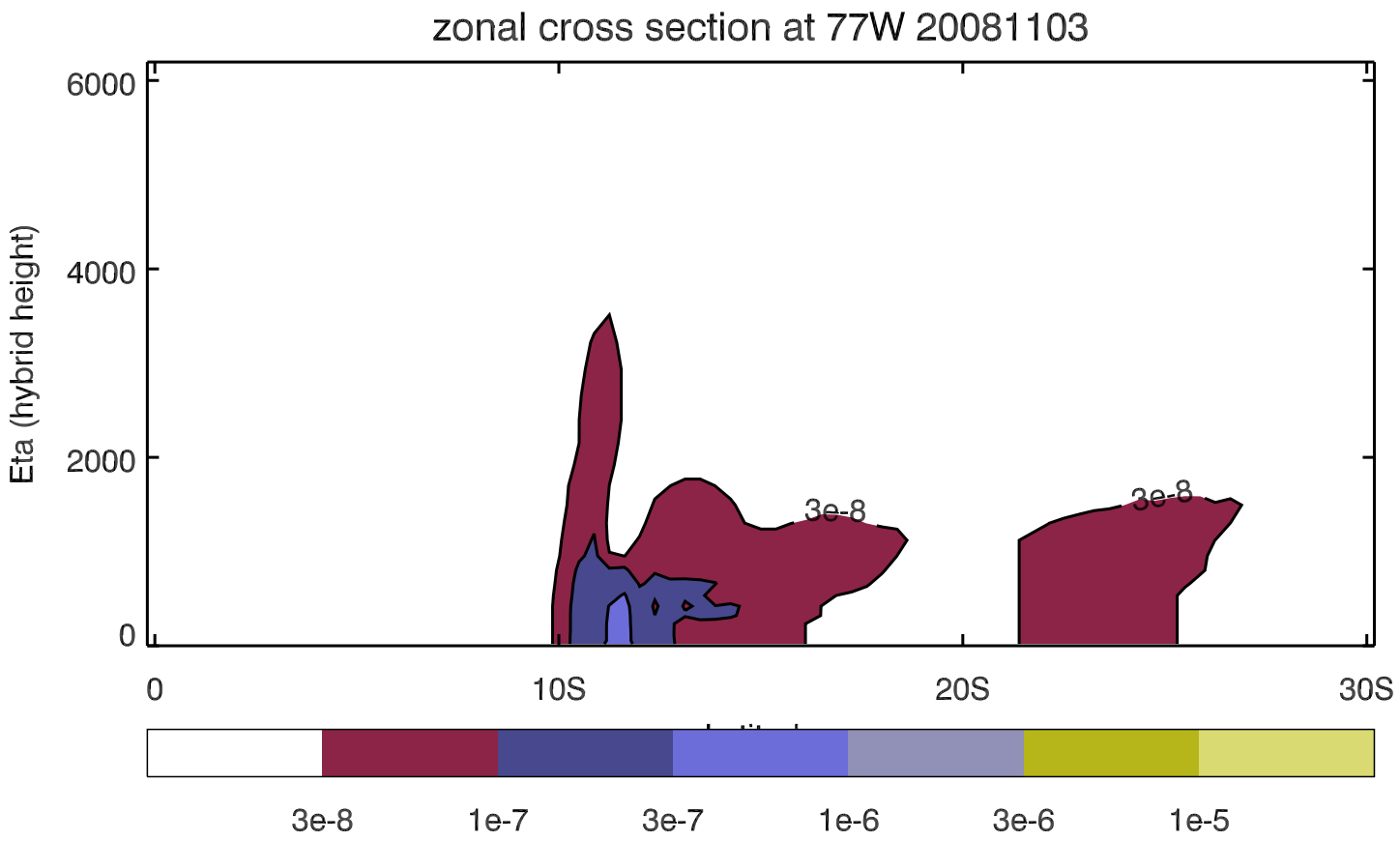

zonal cross section at 77W 20081101
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

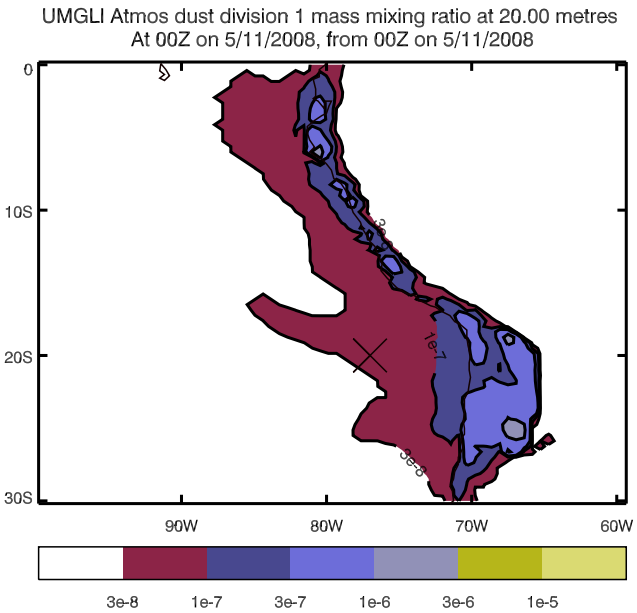

UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 3/11/2008, from 00Z on 3/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

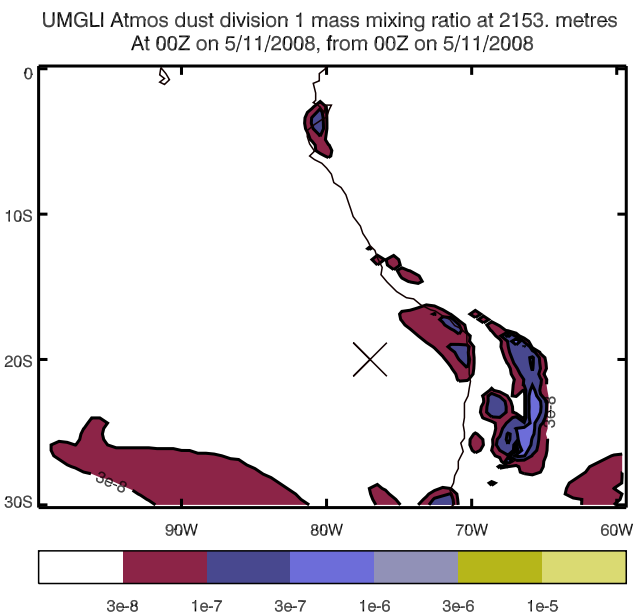

UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 3/11/2008, from 00Z on 3/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

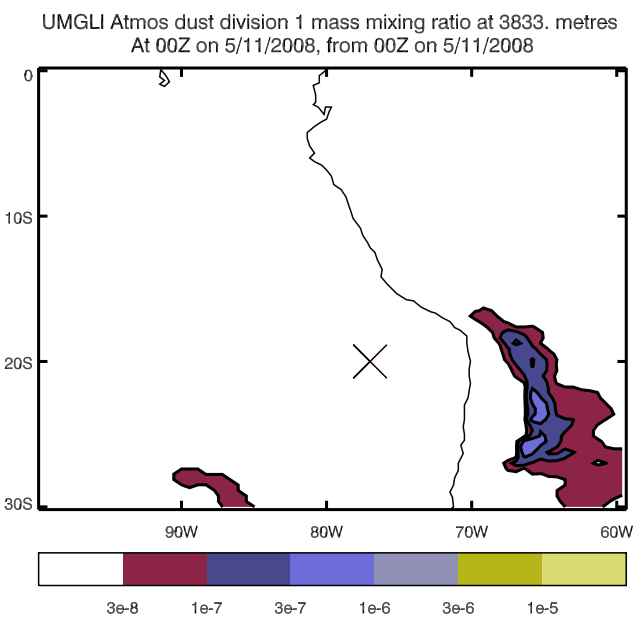

UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 3/11/2008, from 00Z on 3/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

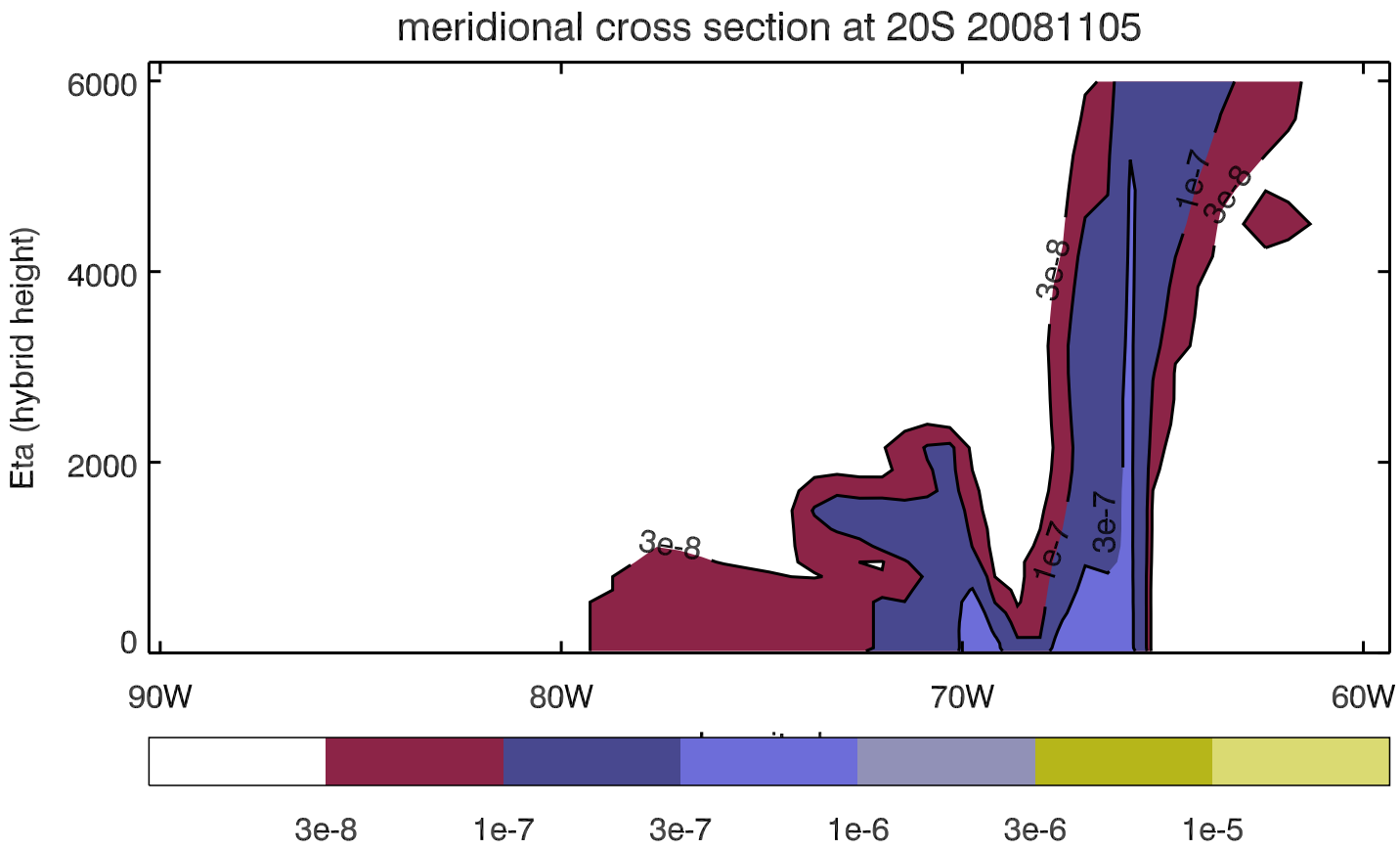

meridional cross section at 20S 20081103
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
3e-8
1e-7
3e-8
3e-8
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

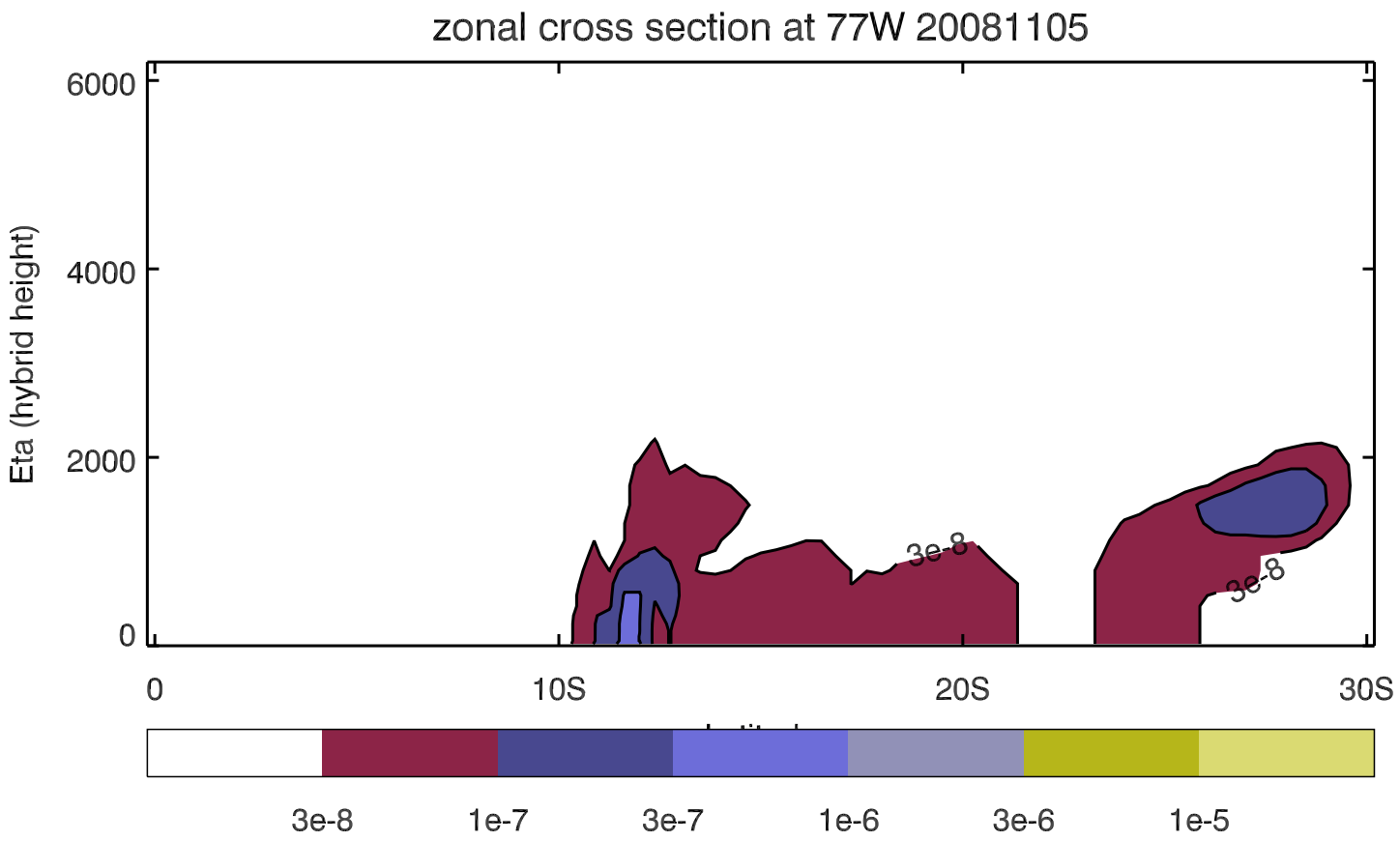

zonal cross section at 77W 20081103
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
3e-8
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

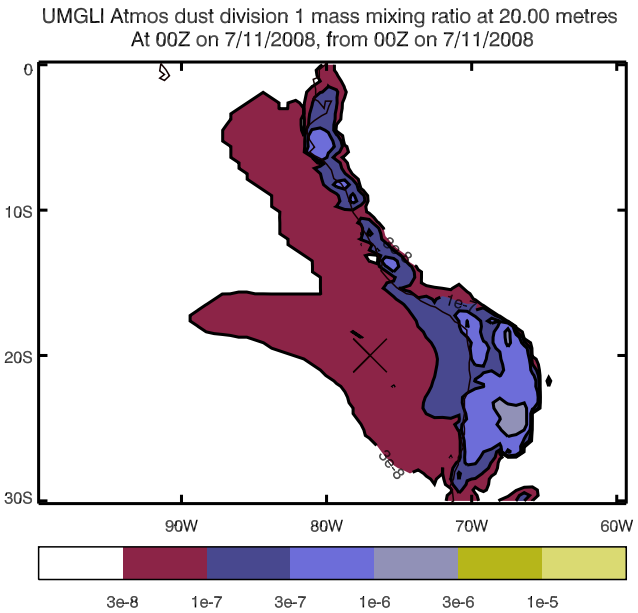

UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 5/11/2008, from 00Z on 5/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

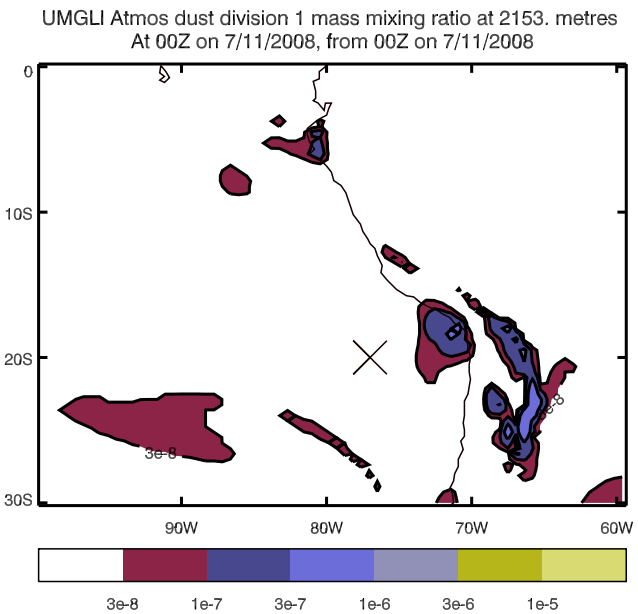

UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 5/11/2008, from 00Z on 5/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

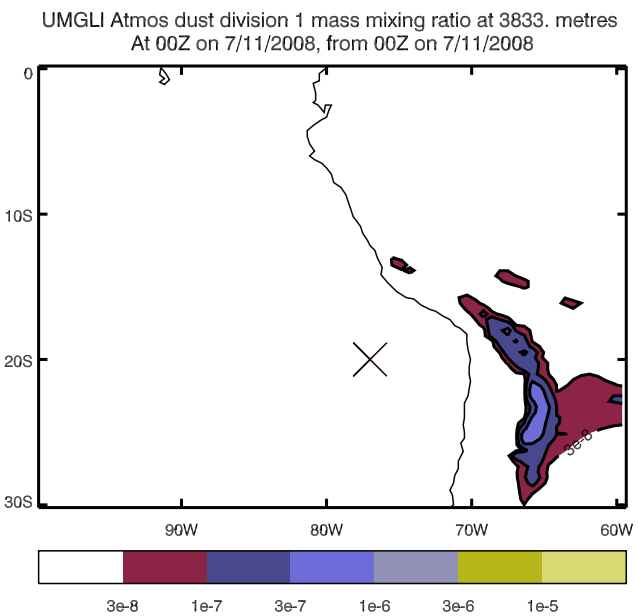

UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 5/11/2008, from 00Z on 5/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

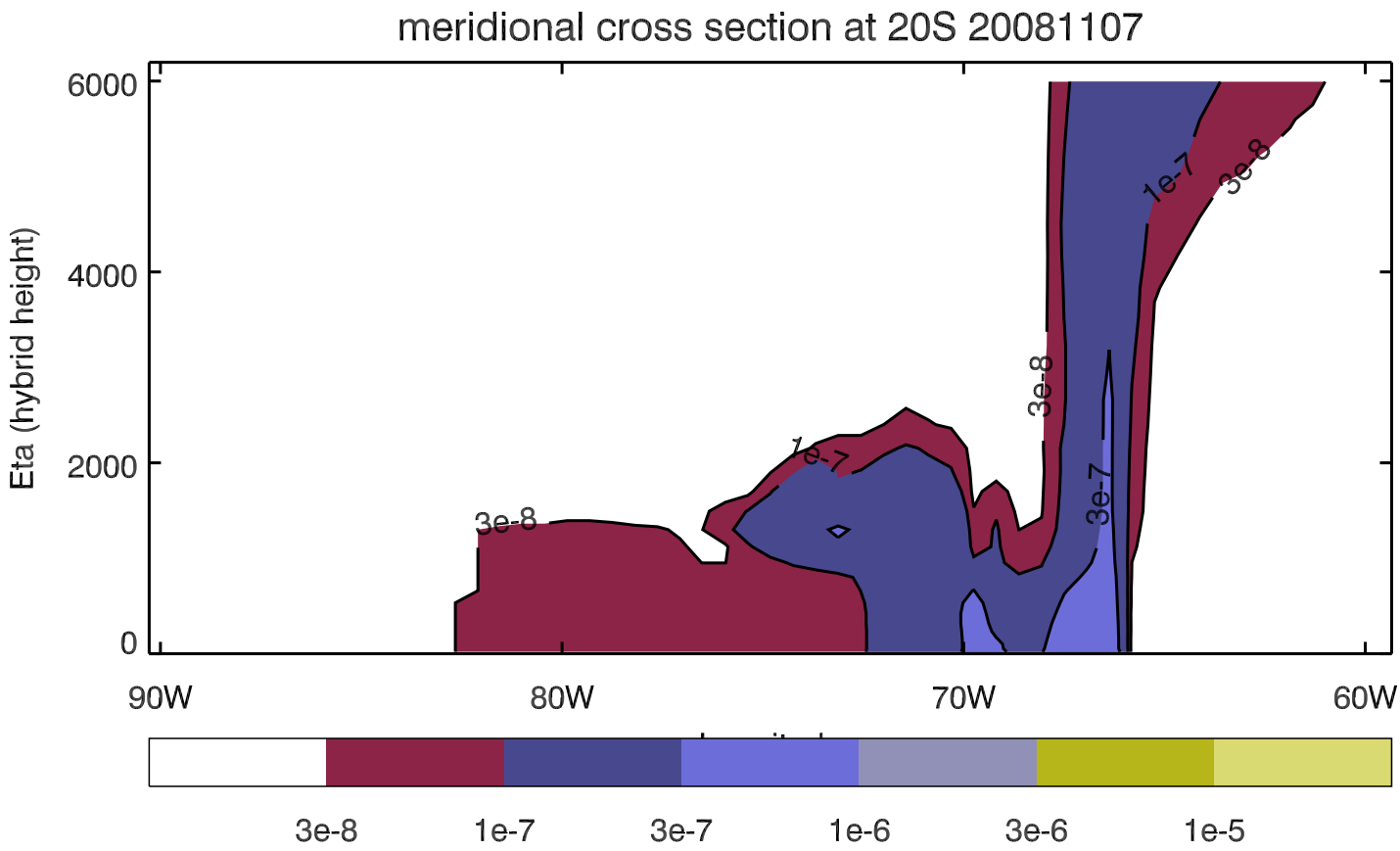

meridional cross section at 20S 20081105
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

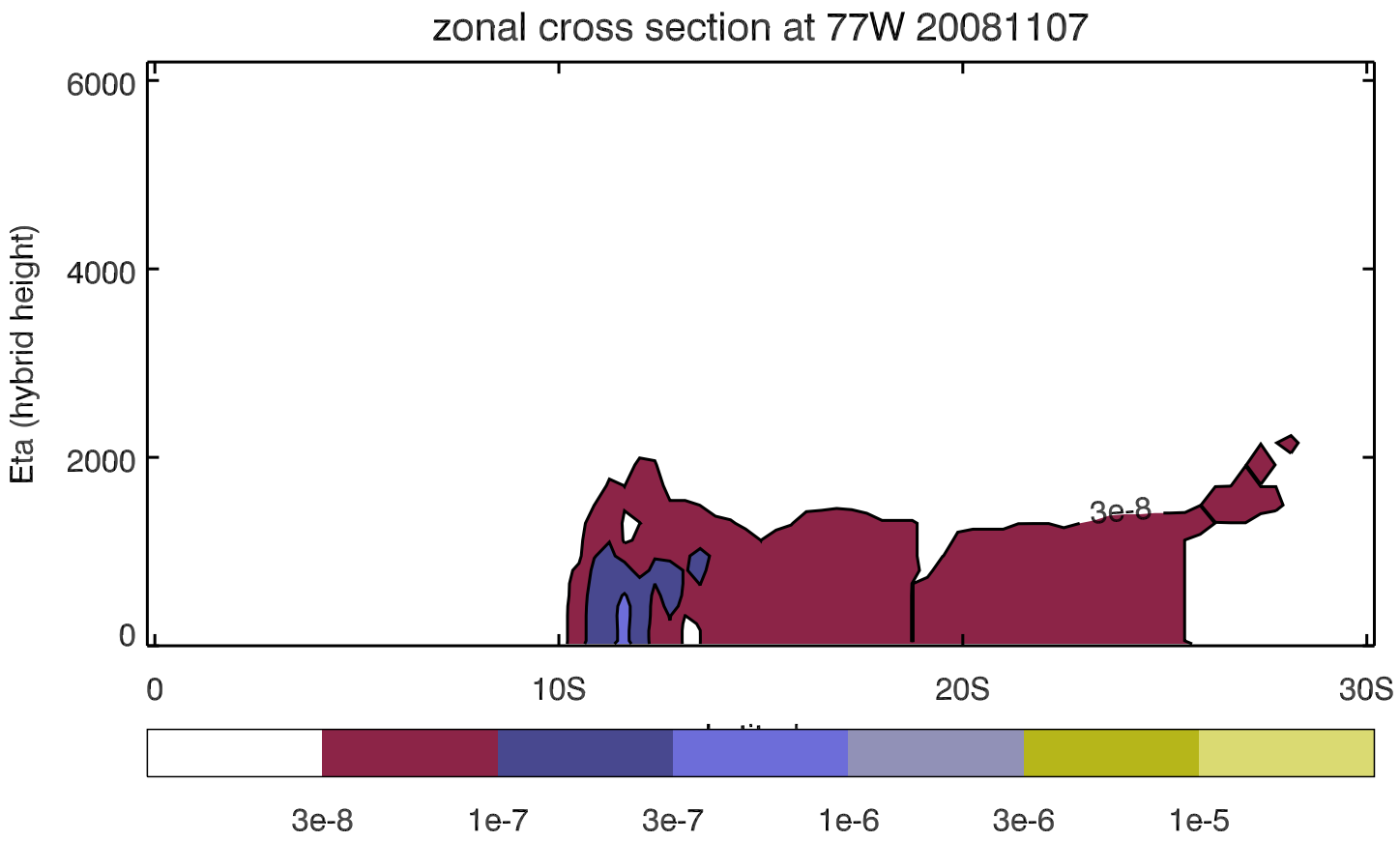

zonal cross section at 77W 20081105
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

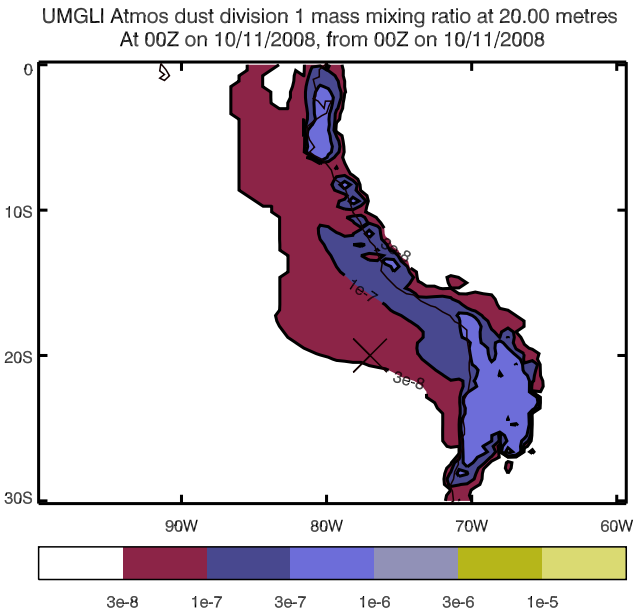

UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 7/11/2008, from 00Z on 7/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

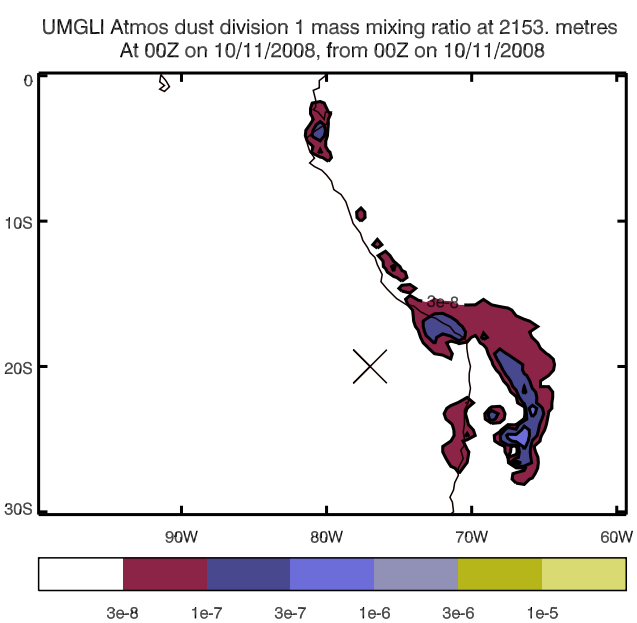

UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 7/11/2008, from 00Z on 7/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

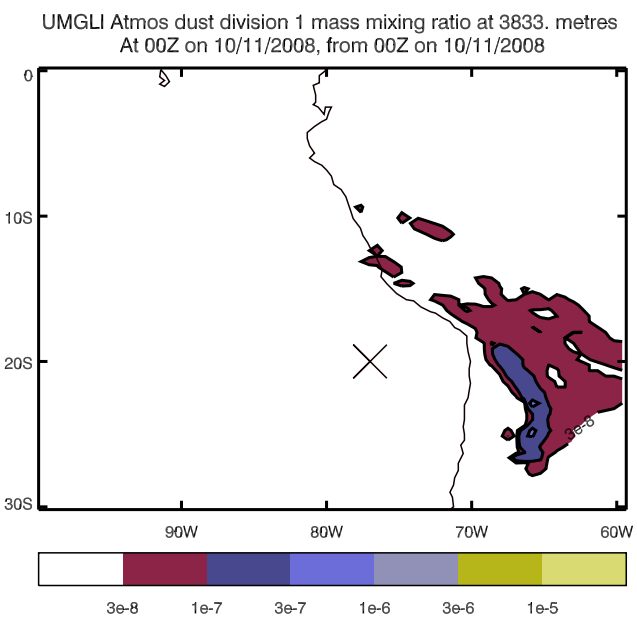

UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 7/11/2008, from 00Z on 7/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

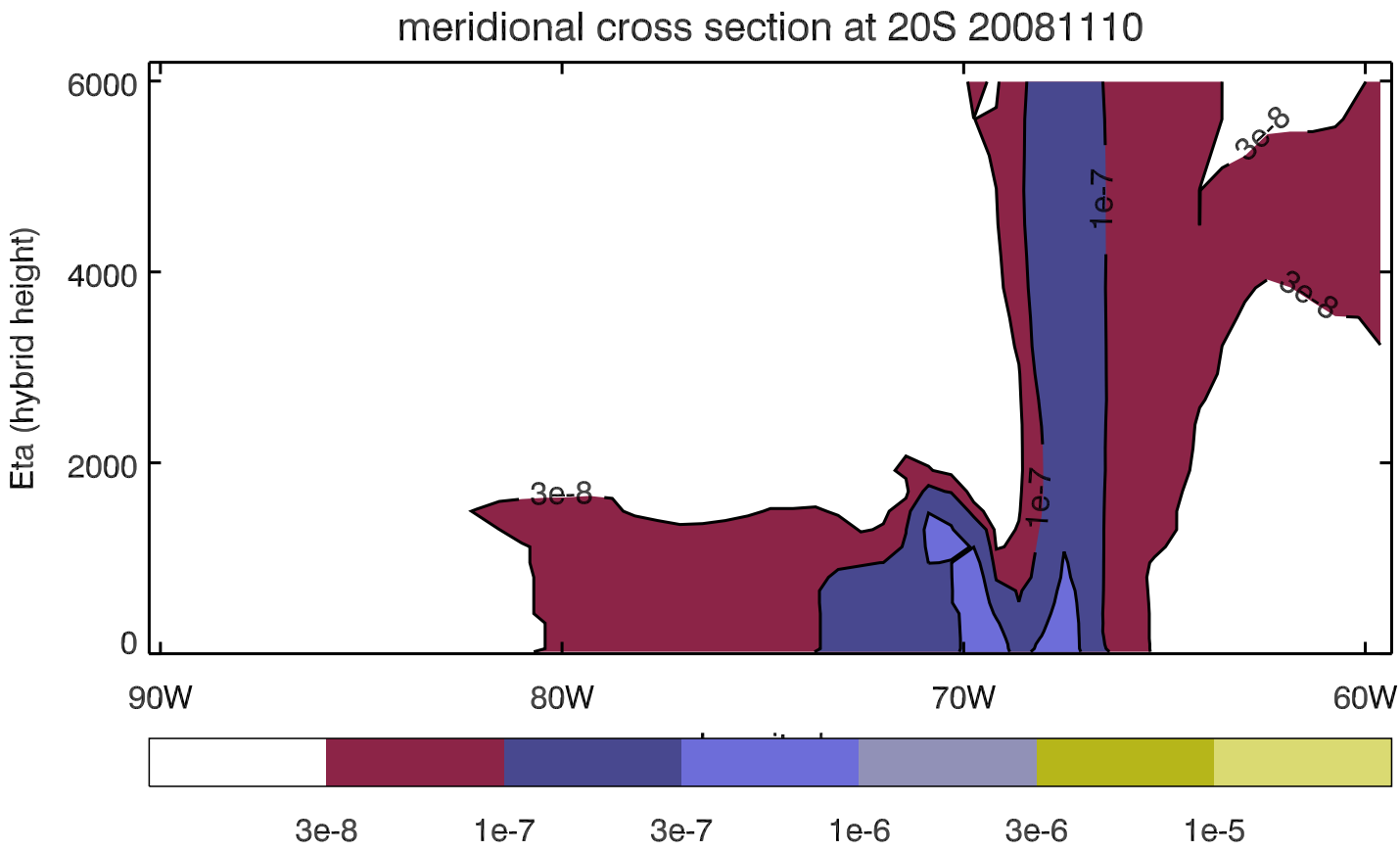

meridional cross section at 20S 20081107
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

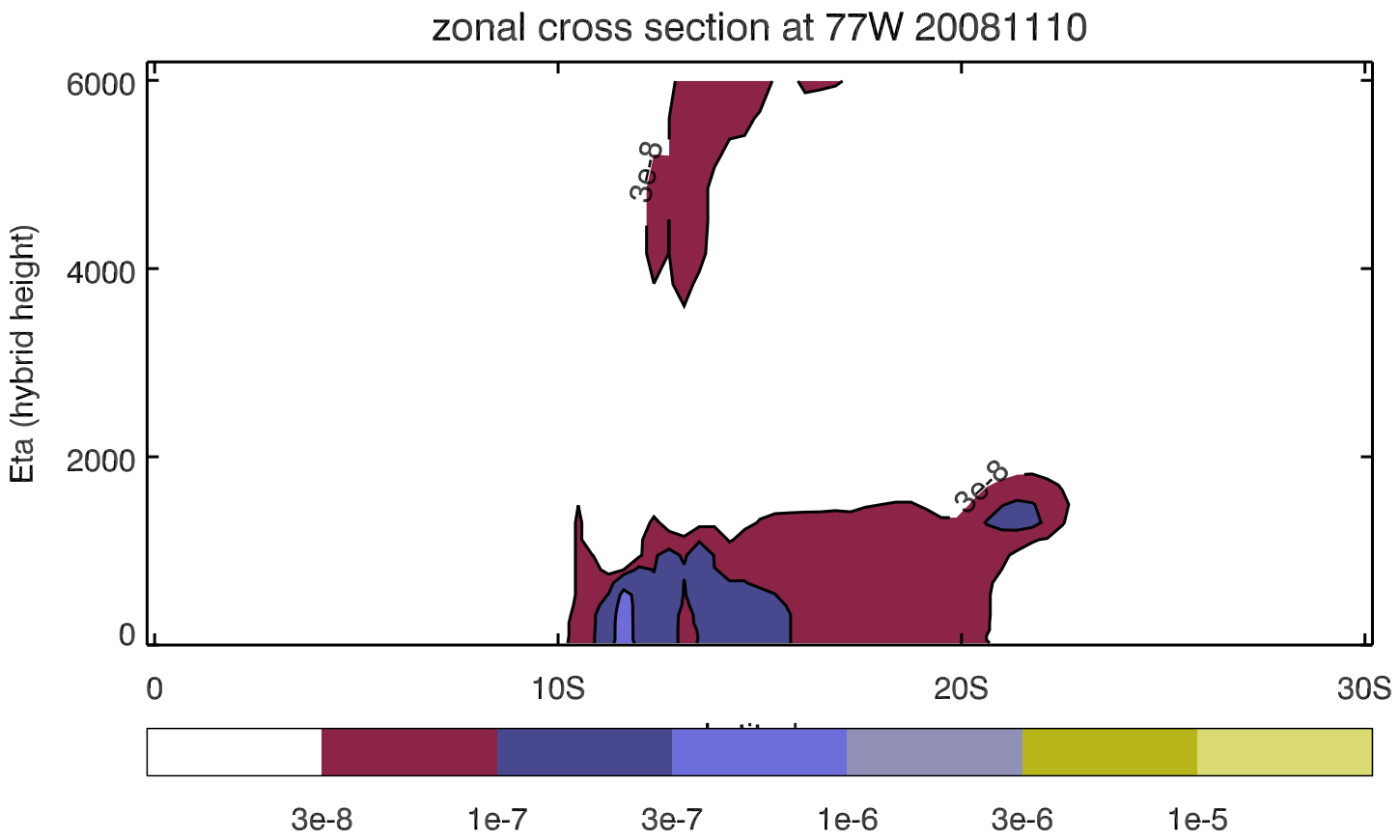

zonal cross section at 77W 20081107
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5


UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 10/11/2008, from 00Z on 10/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-8
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

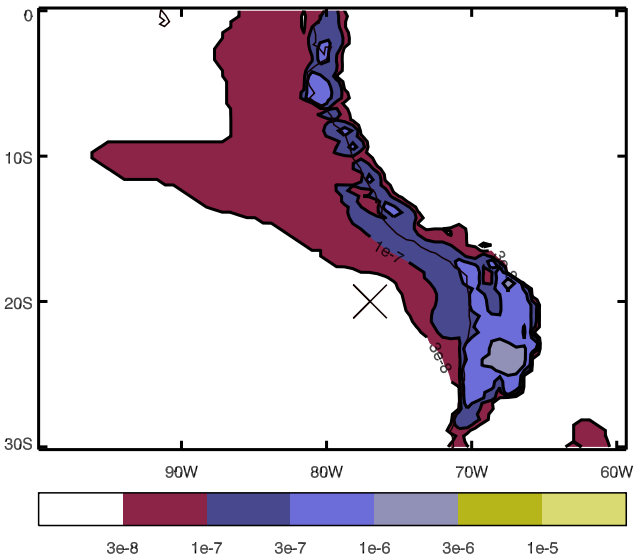

UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 10/11/2008, from 00Z on 10/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5


UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 10/11/2008, from 00Z on 10/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

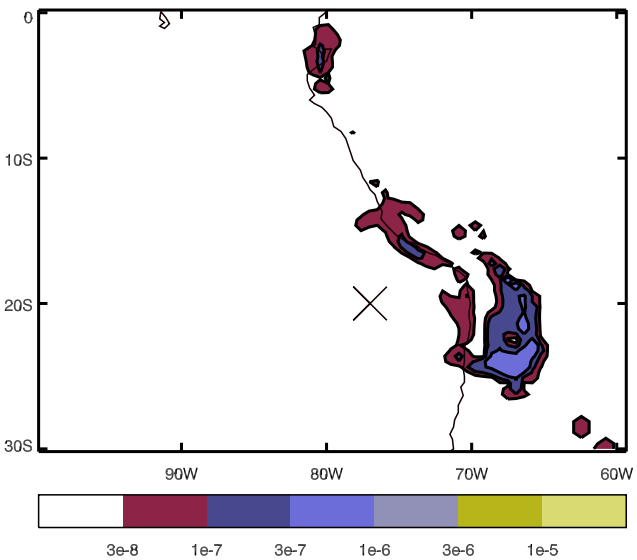

meridional cross section at 20S 20081110
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
3e-8
1e-7
3e-8
1e-7
3e-8
3e-8
1e-7
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5


zonal cross section at 77W 20081110
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
3e-8
3e-8
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

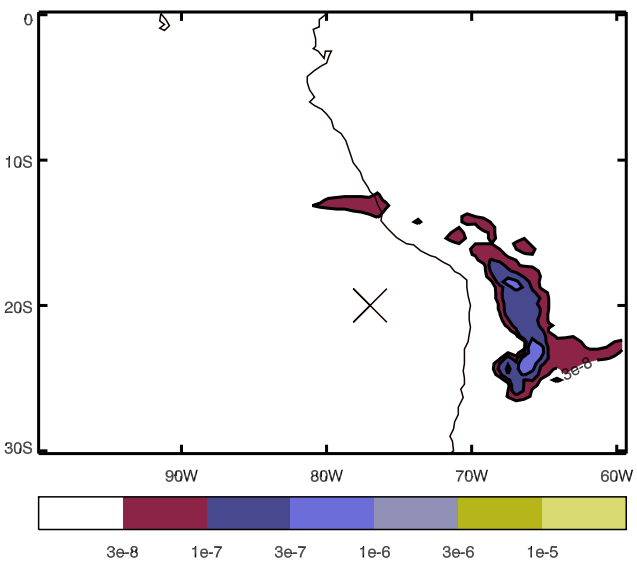
UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 12/11/2008, from 00Z on 12/11/2008

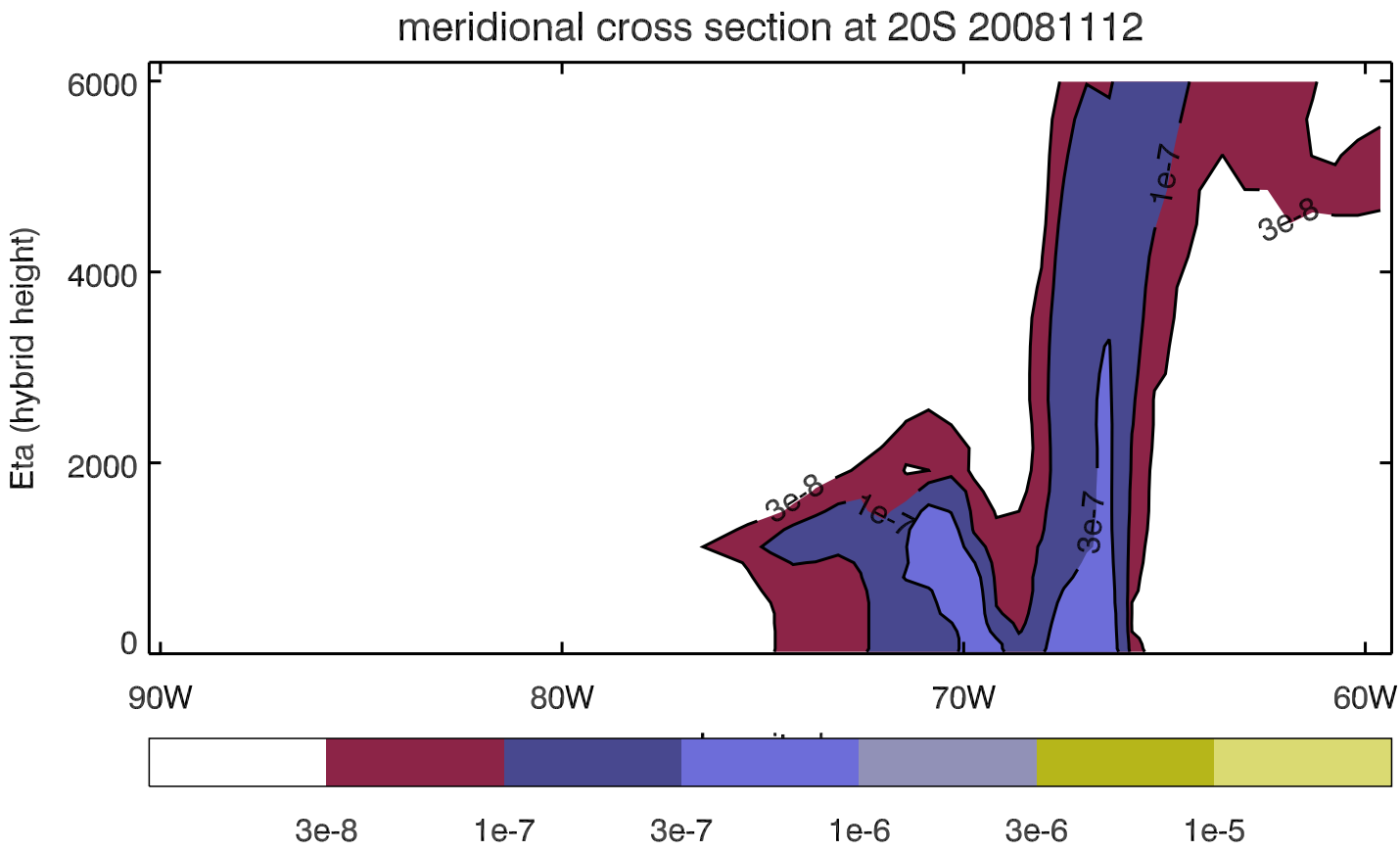


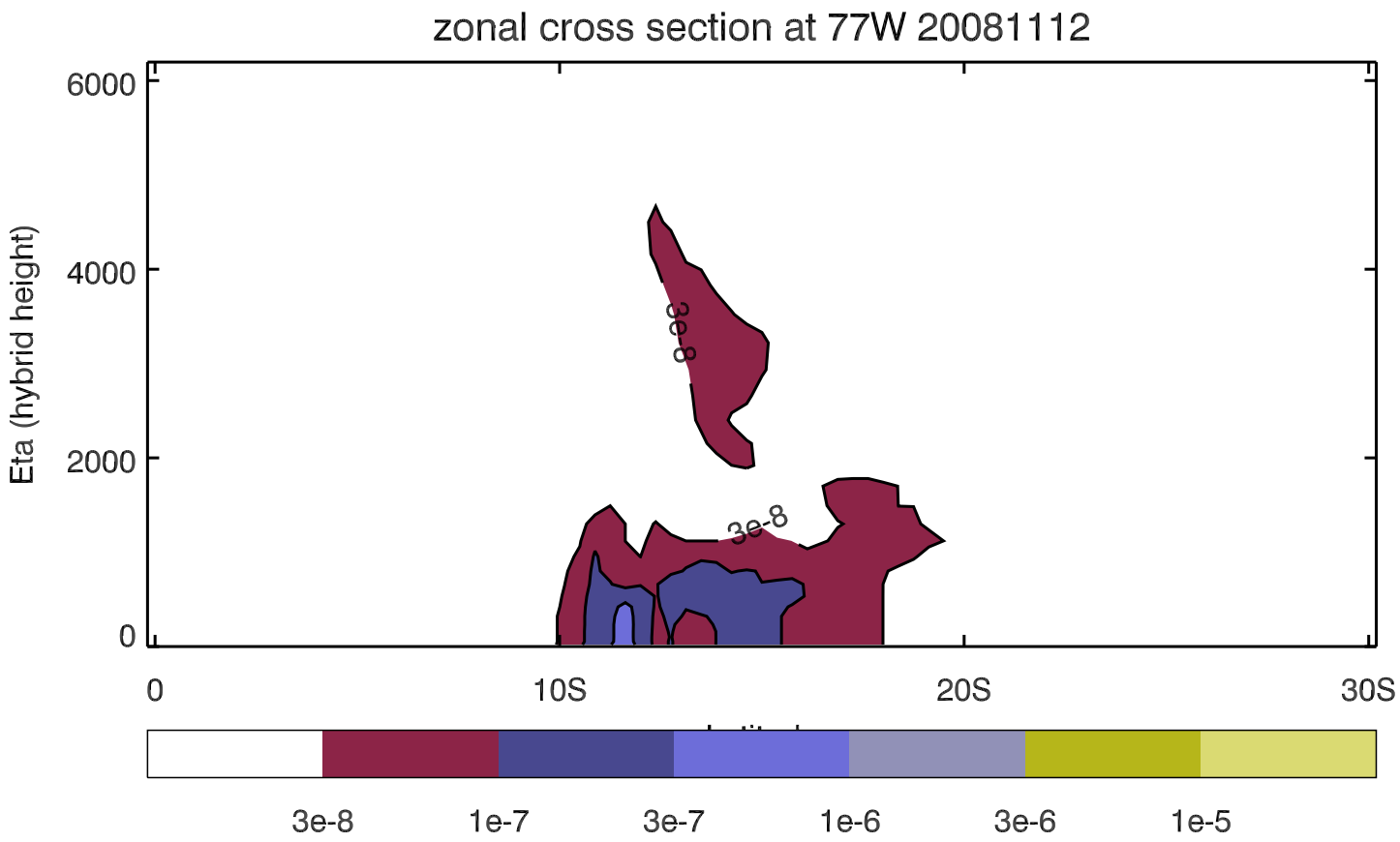
UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 12/11/2008, from 00Z on 12/11/2008

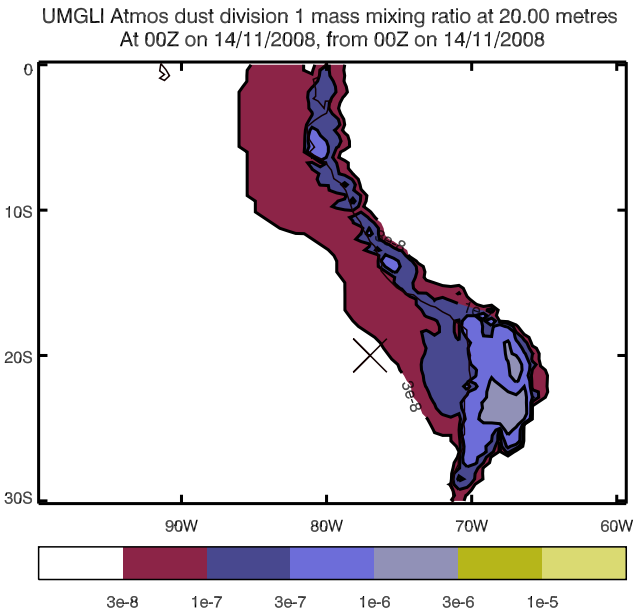


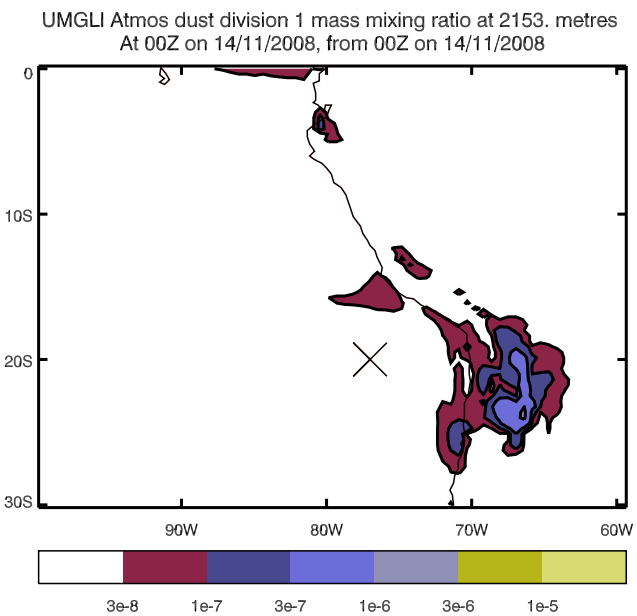
UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 12/11/2008, from 00Z on 12/11/2008

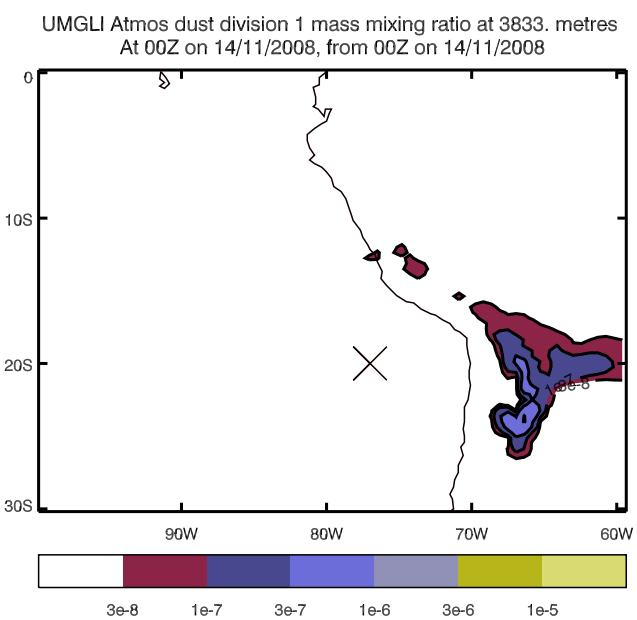


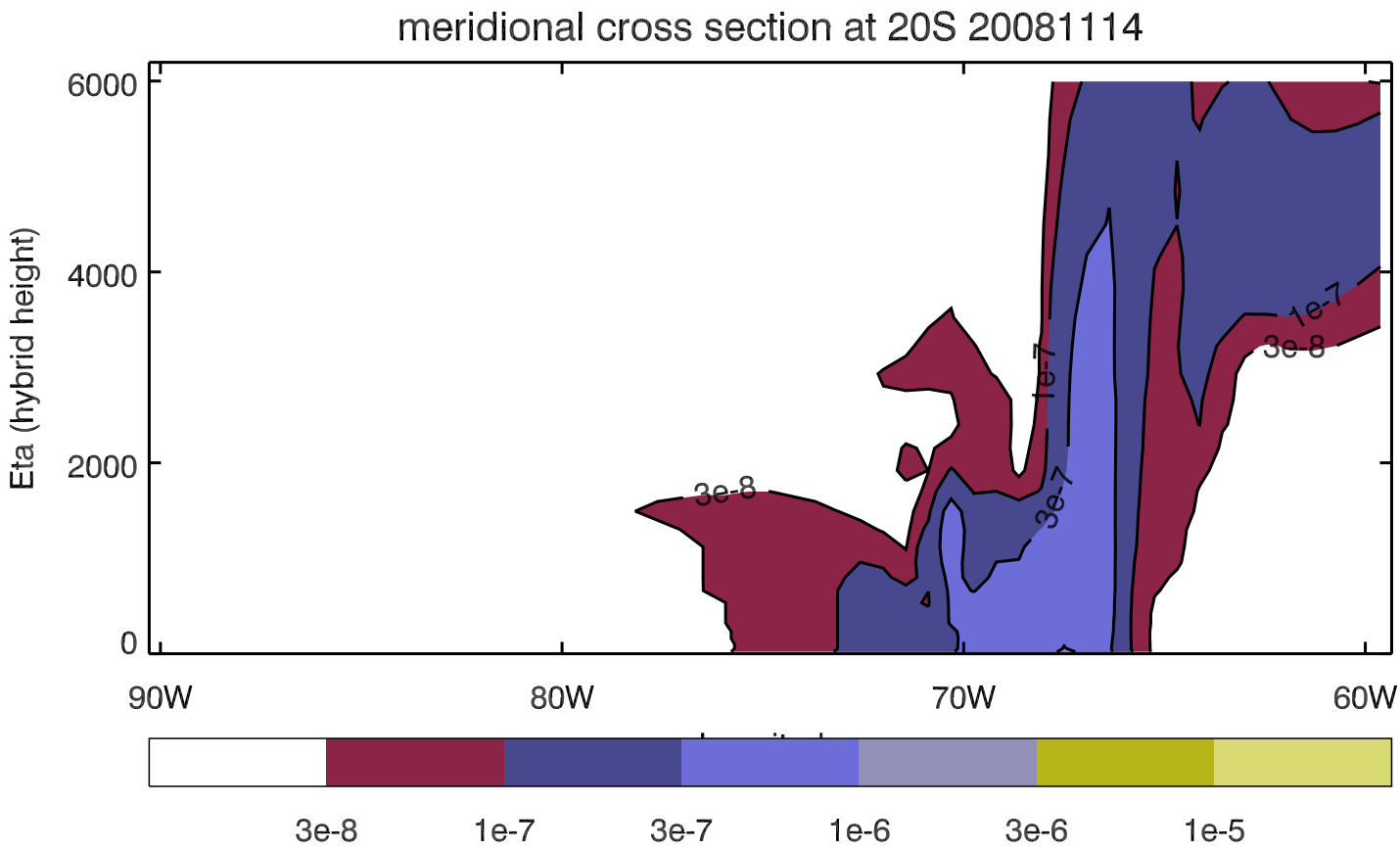

meridional cross section at 20S 20081112
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

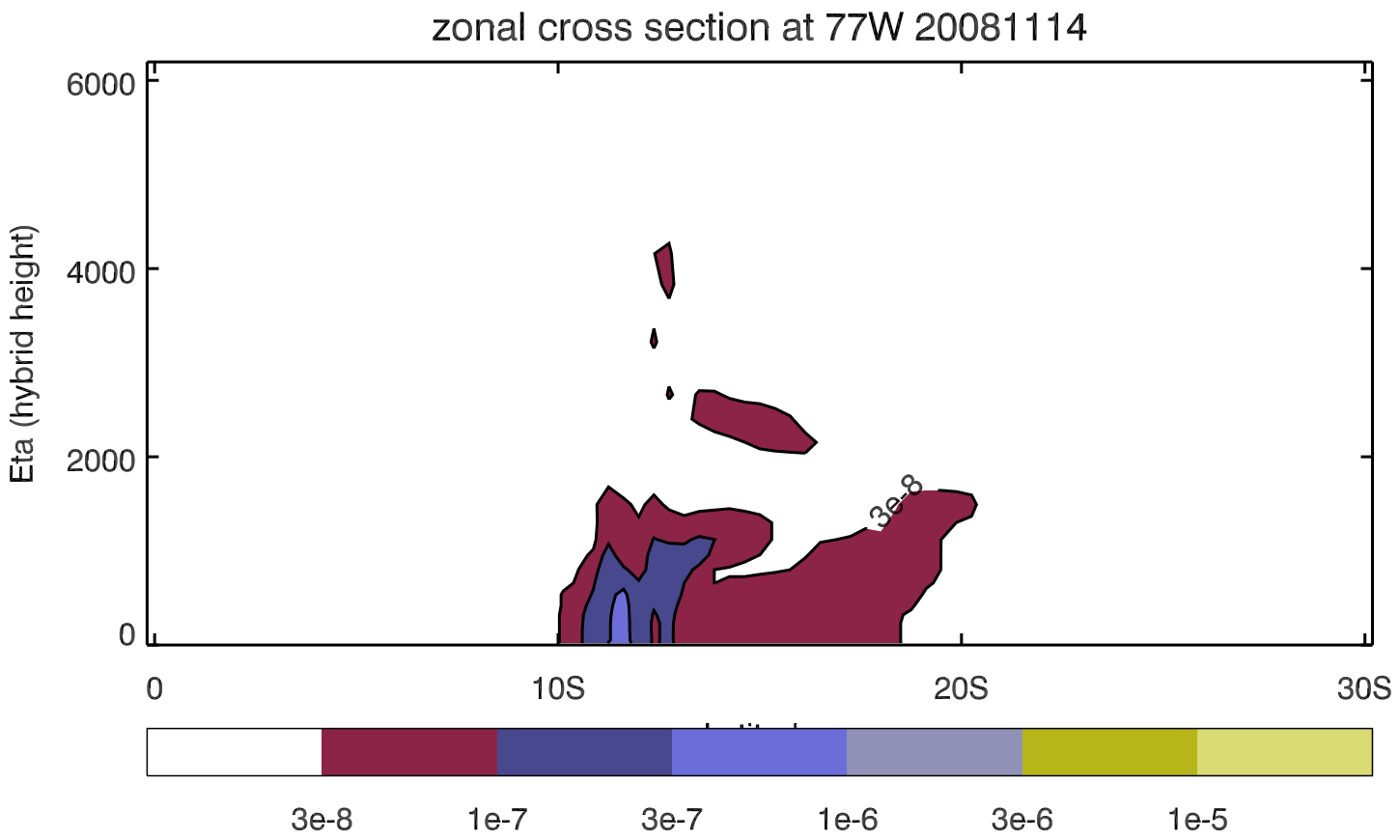

zonal cross section at 77W 20081112
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

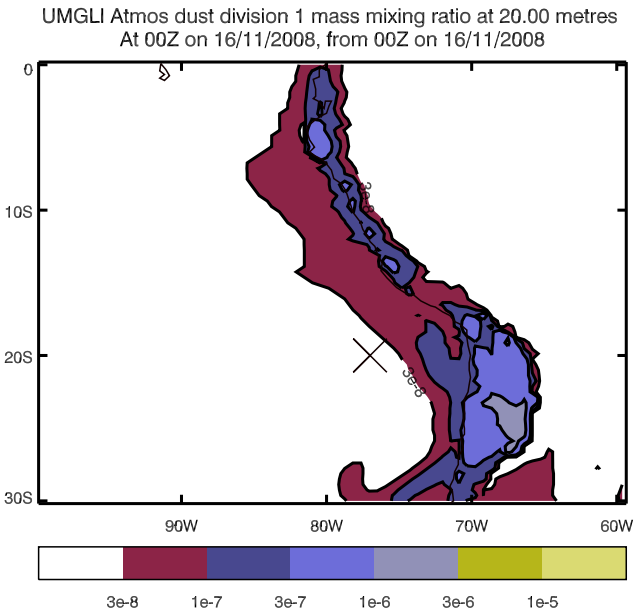

UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 14/11/2008, from 00Z on 14/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

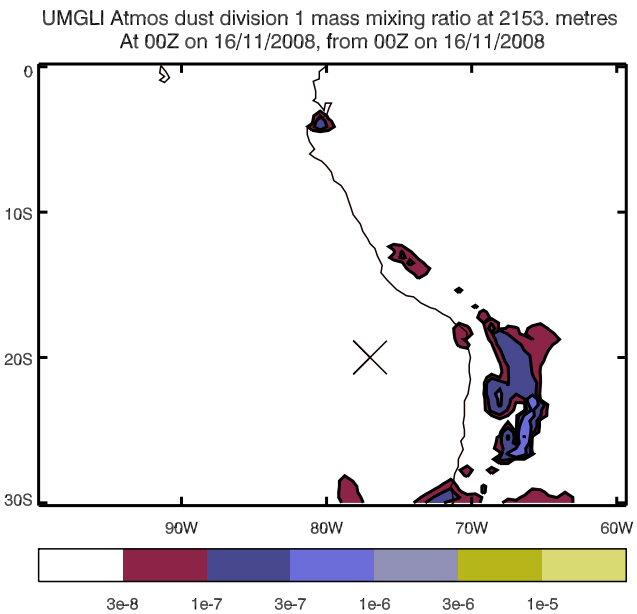

UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 14/11/2008, from 00Z on 14/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

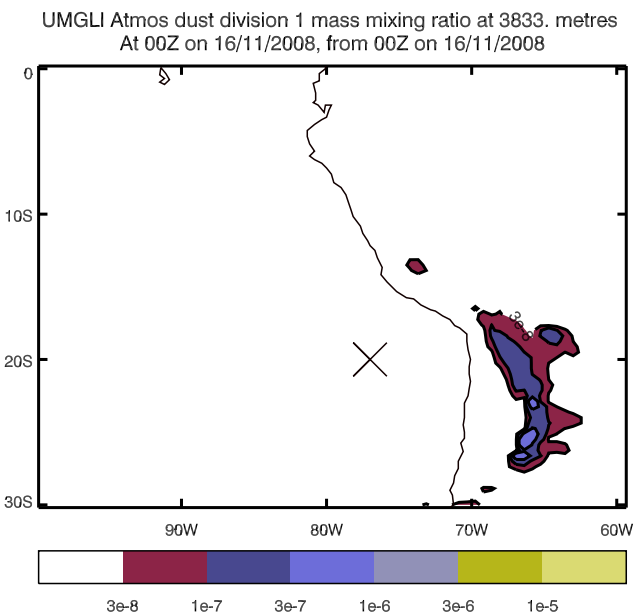

UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 14/11/2008, from 00Z on 14/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

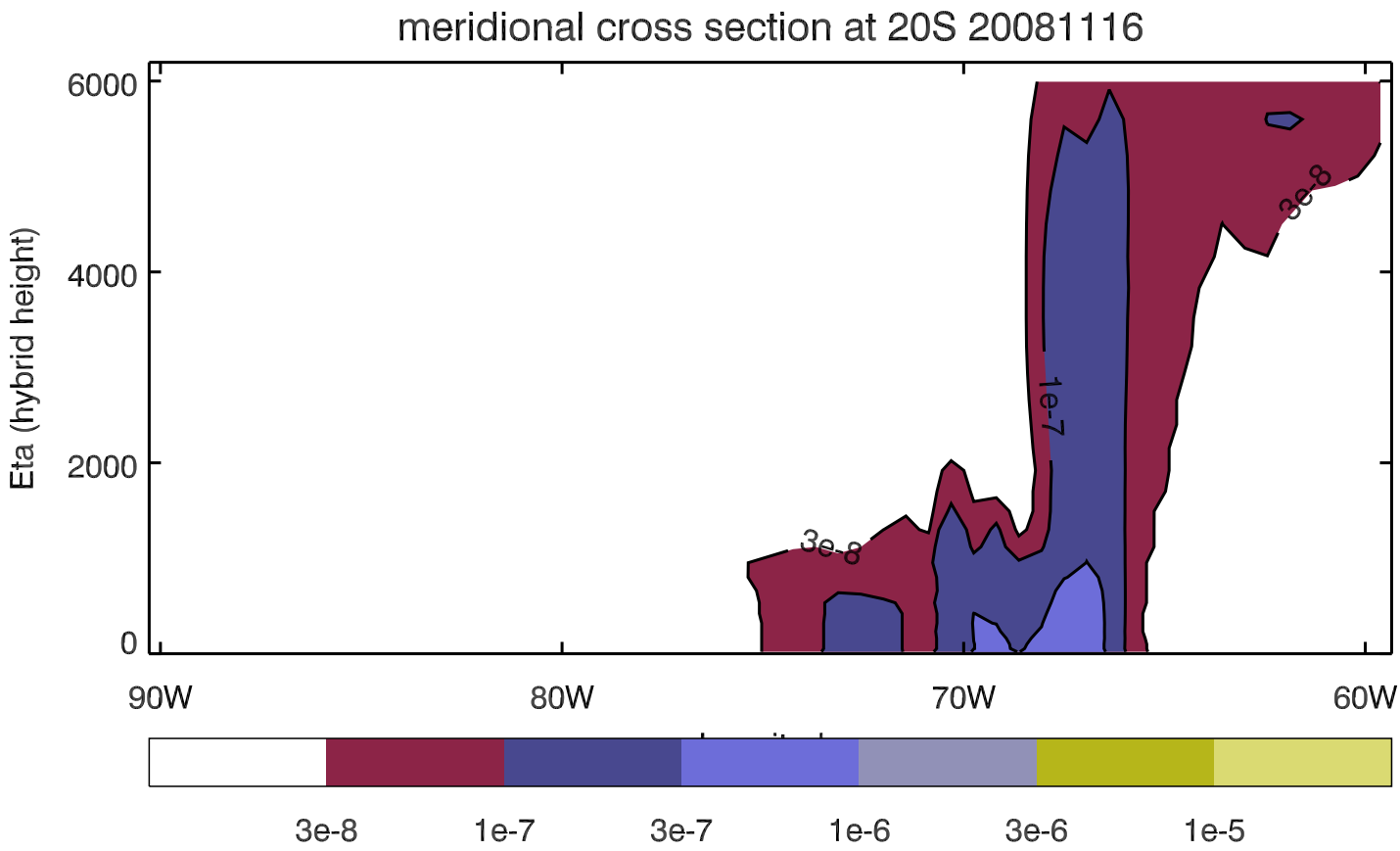

meridional cross section at 20S 20081114
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5

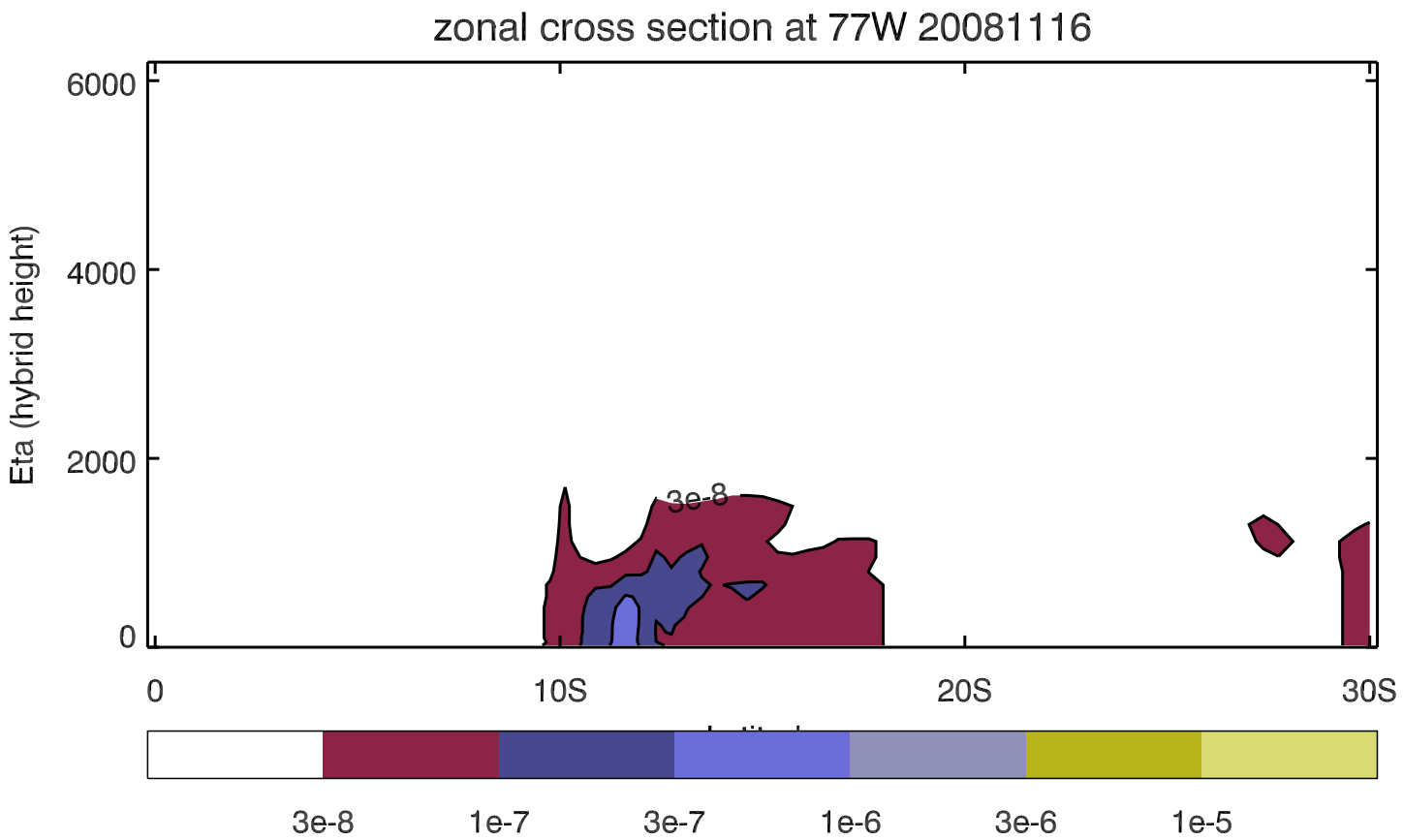

zonal cross section at 77W 20081114
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5


UMGLI Atmos dust division 1 mass mixing ratio at 20.00 metres
At 00Z on 16/11/2008, from 00Z on 16/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5


UMGLI Atmos dust division 1 mass mixing ratio at 2153. metres
At 00Z on 16/11/2008, from 00Z on 16/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5


UMGLI Atmos dust division 1 mass mixing ratio at 3833. metres
At 00Z on 16/11/2008, from 00Z on 16/11/2008
0
10S
20S
30S
90W
80W
70W
60W
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5


meridional cross section at 20S 20081116
Eta (hybrid height)
6000
4000
2000
0
90W
80W
70W
60W
3e-8
1e-7
3e-8
3e-8
3e-8
1e-7
3e-7
1e-6
3e-6
1e-5


zonal cross section at 77W 20081116
Eta (hybrid height)
6000
4000
2000
0
0
10S
20S
30S
3e-8
3e-8
3e-7
1e-6
3e-6
1e-5