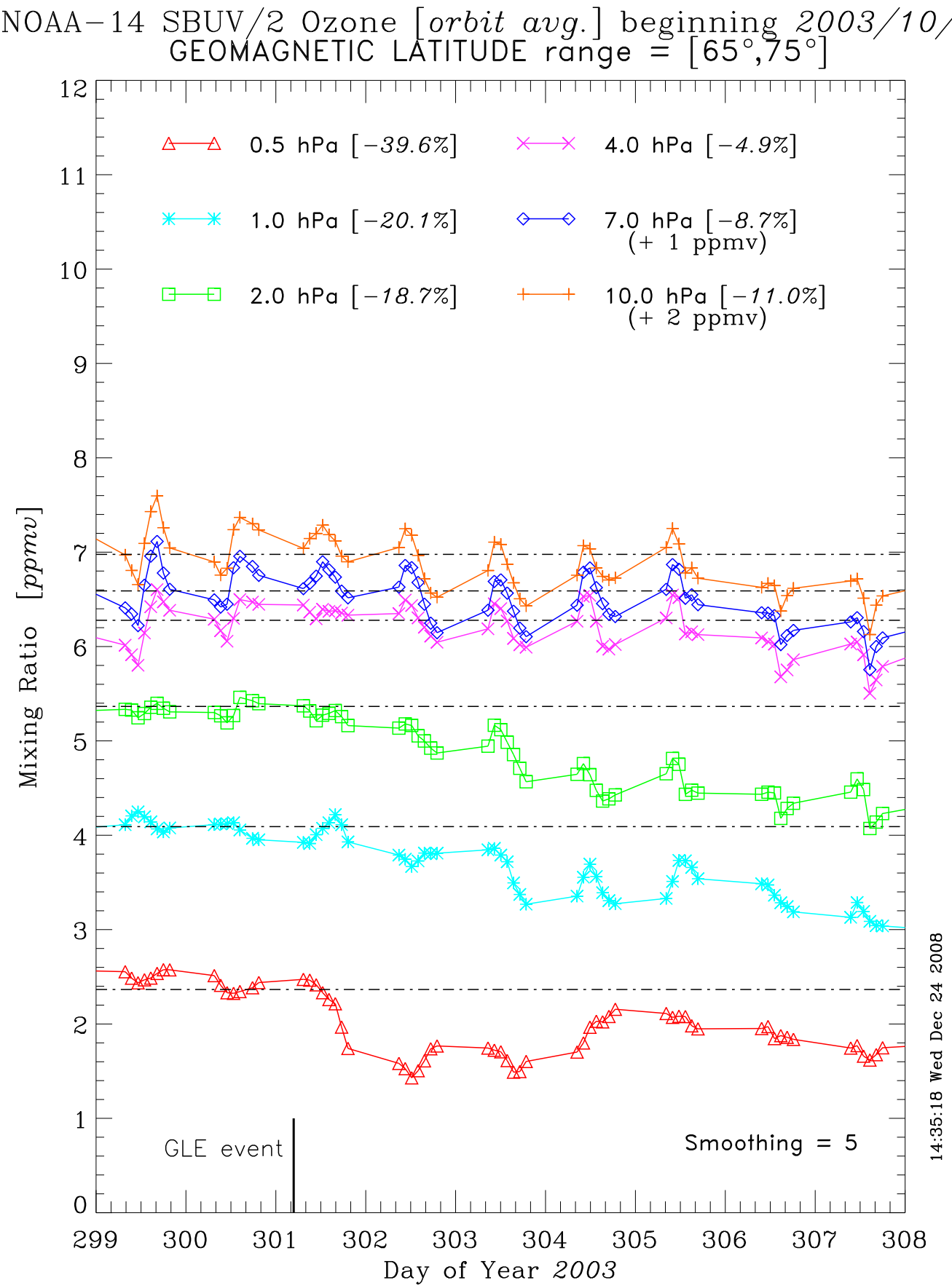
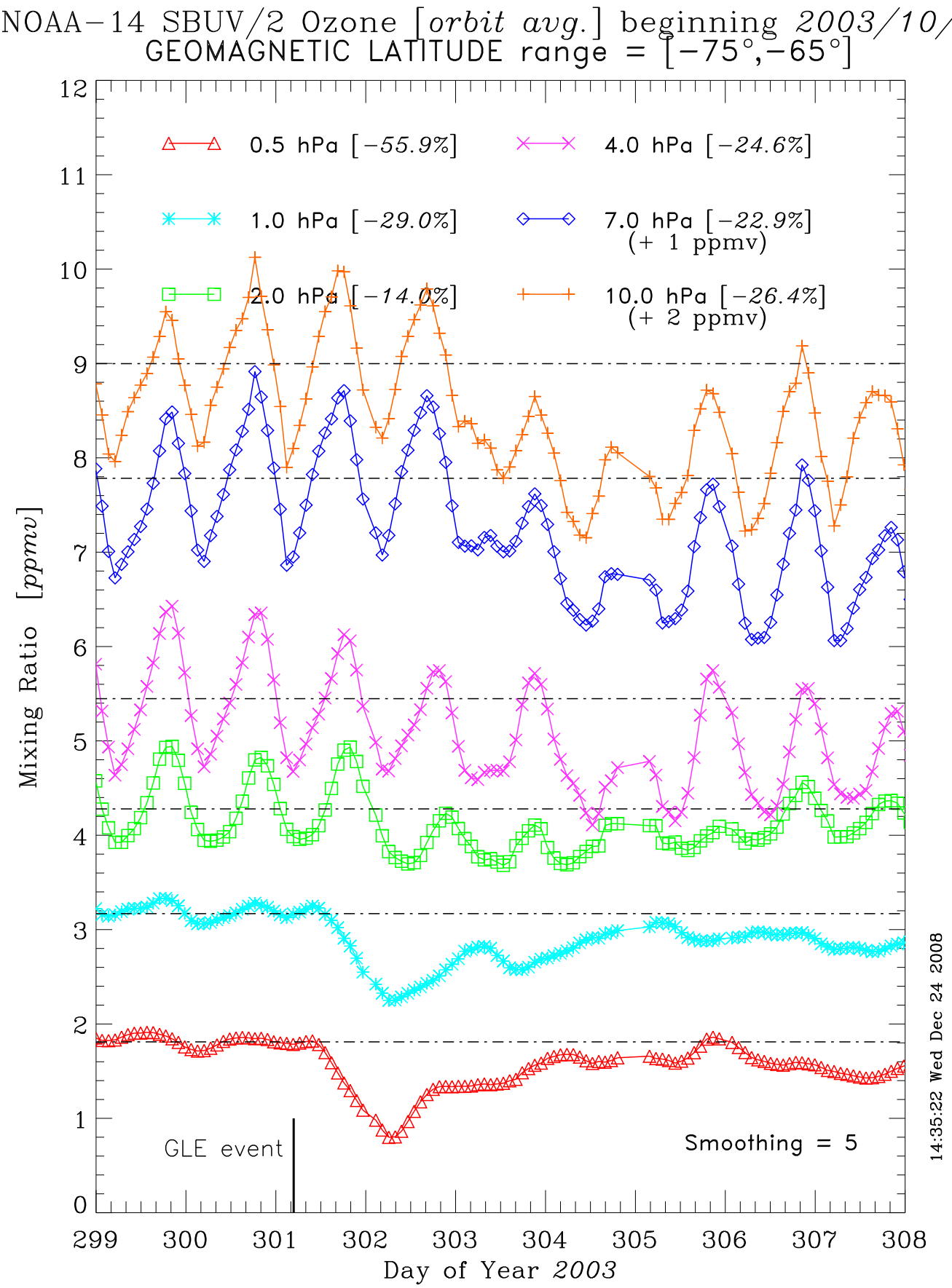
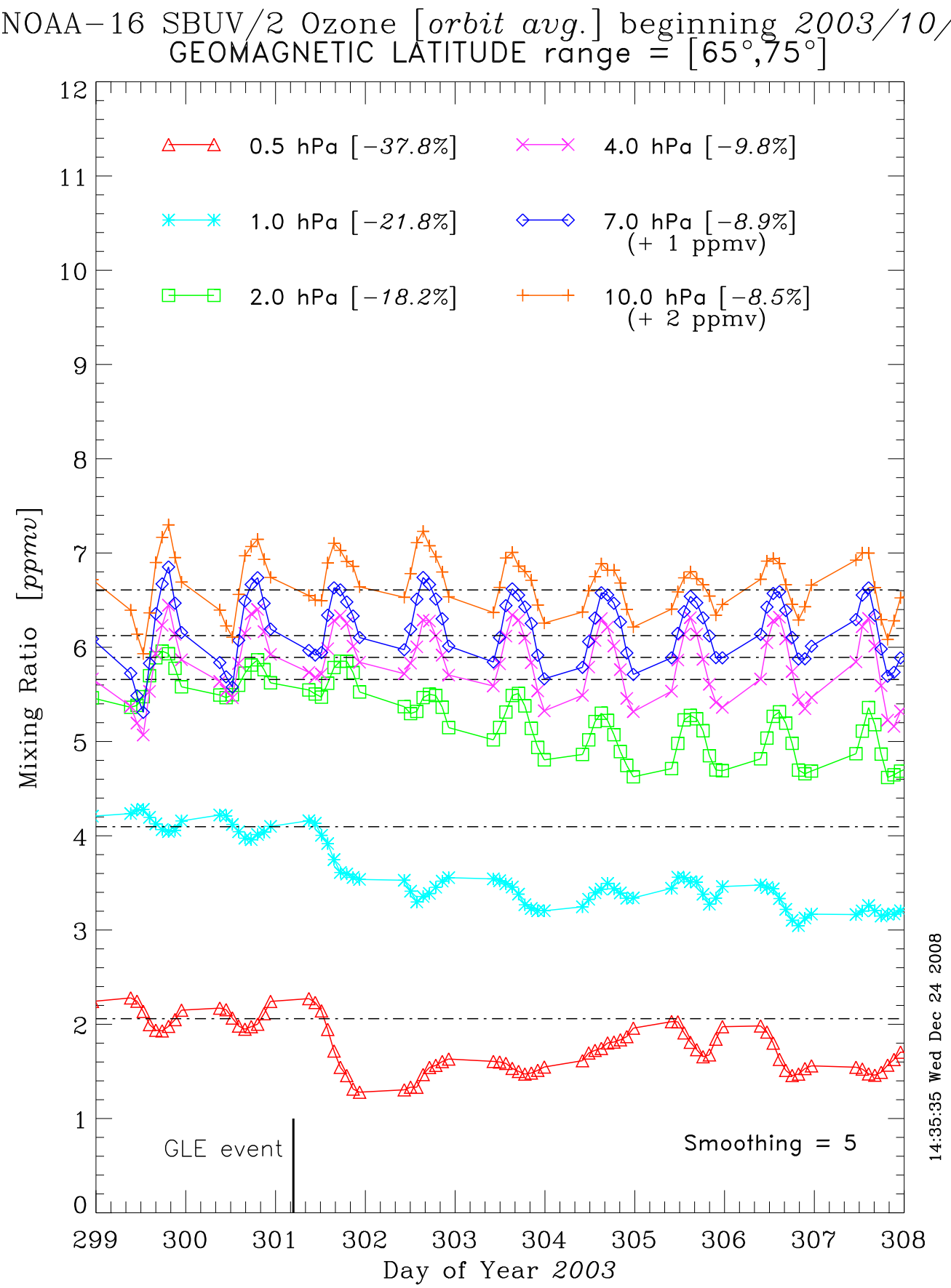
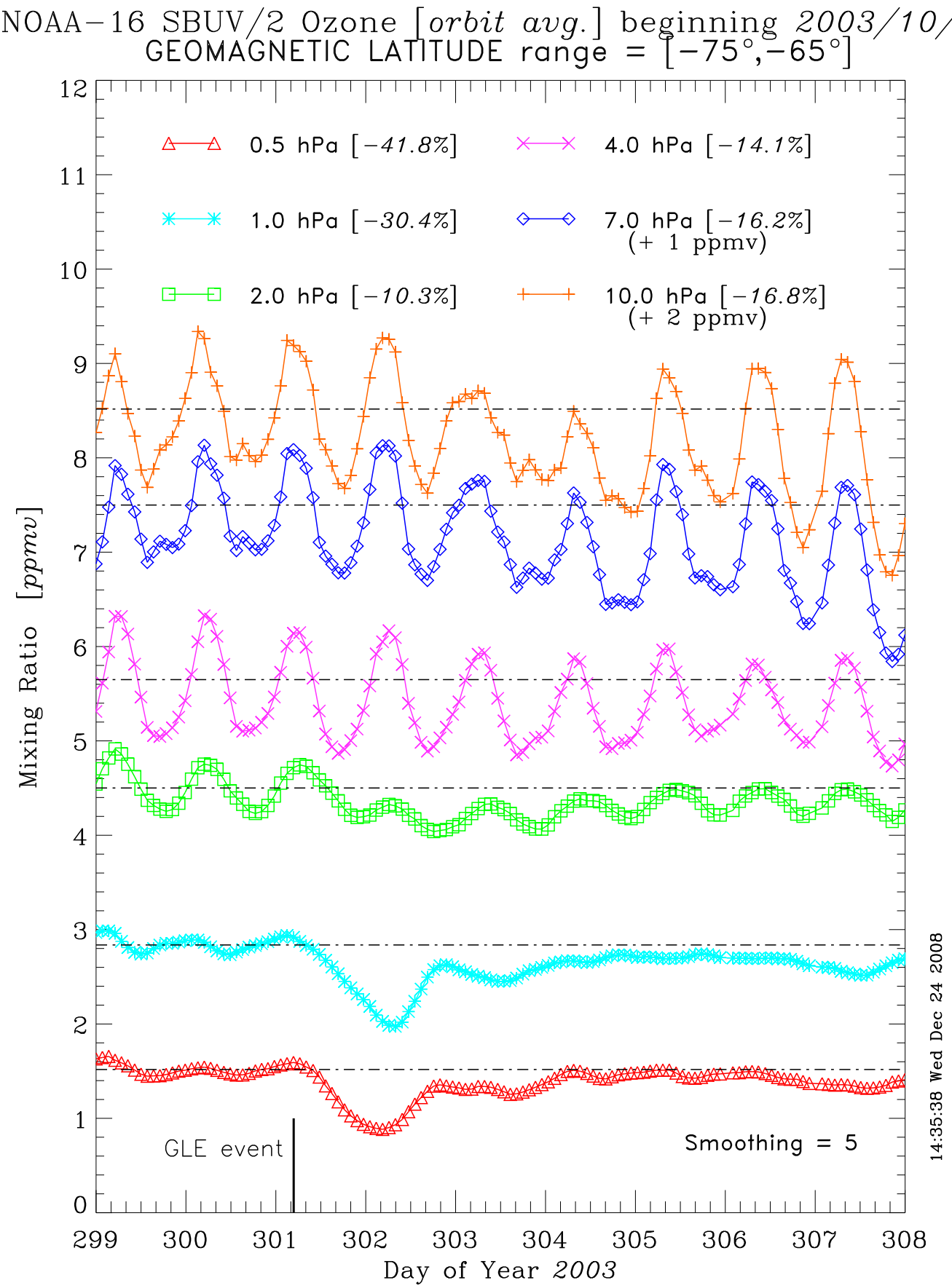
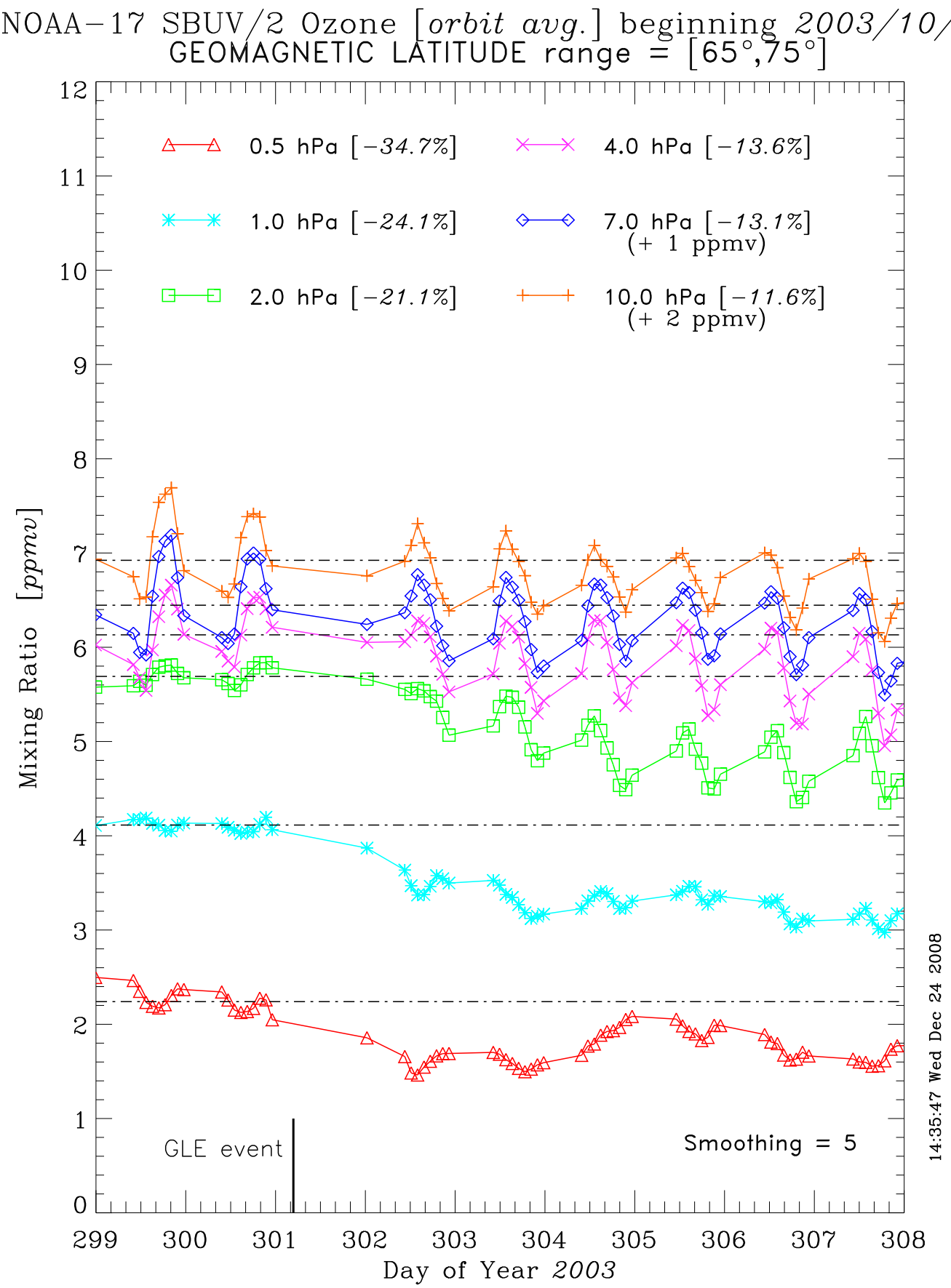
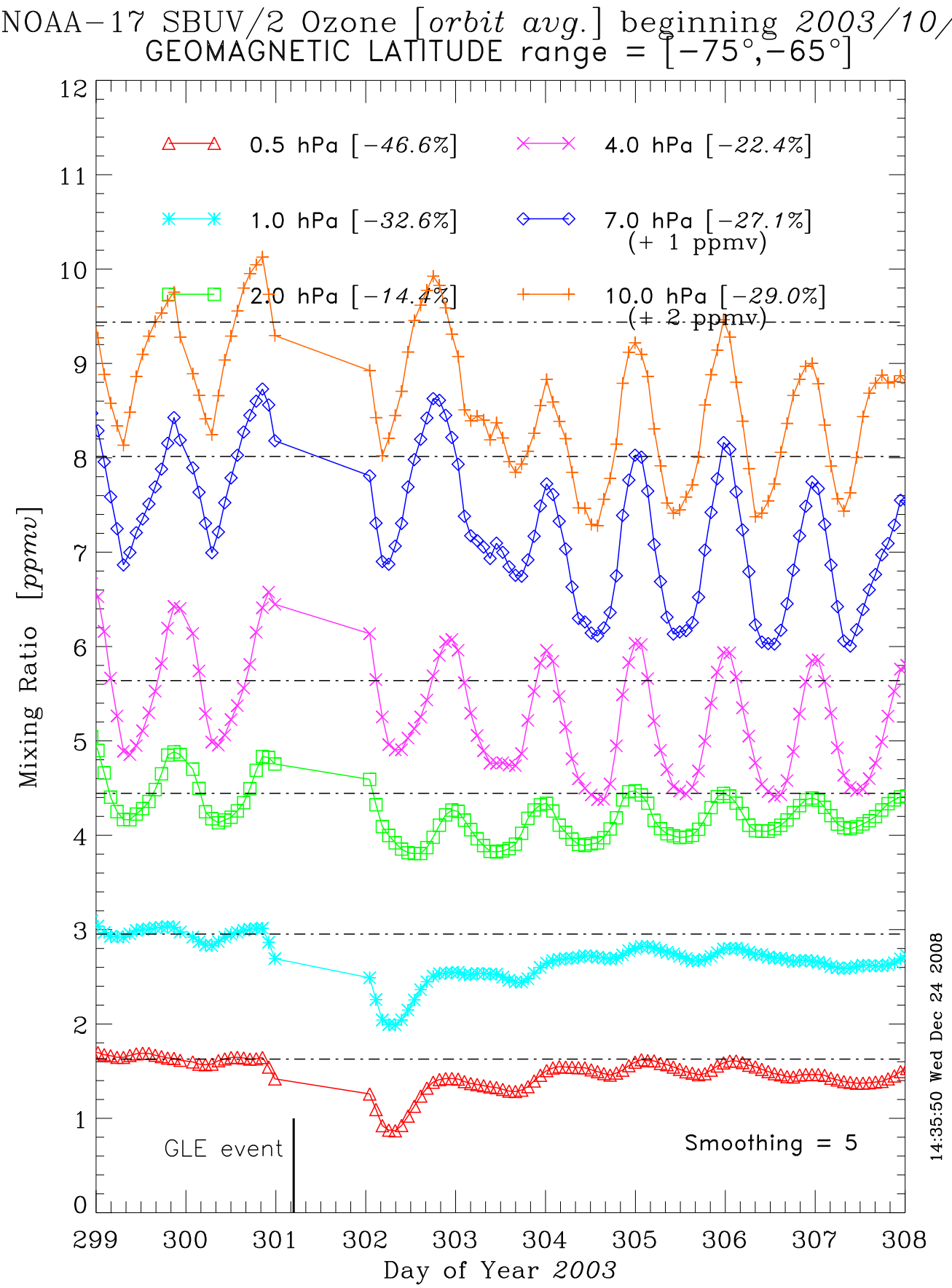

NOAA−14 SBUV/2 Ozone [orbit avg.] beginning 2003/10/26
GEOMAGNETIC LATITUDE range = [65°,75°]
0.5 hPa [−39.6%]
4.0 hPa [−4.9%]
1.0 hPa [−20.1%]
7.0 hPa [−8.7%]
(+ 1 ppmv)
2.0 hPa [−18.7%]
10.0 hPa [−11.0%]
(+ 2 ppmv)
Mixing Ratio [ppmv]
GLE event
Smoothing = 5
Day of Year 2003
14:35:18 Wed Dec 24 2008


NOAA−14 SBUV/2 Ozone [orbit avg.] beginning 2003/10/26
GEOMAGNETIC LATITUDE range = [−75°,−65°]
0.5 hPa [−55.9%]
4.0 hPa [−24.6%]
1.0 hPa [−29.0%]
7.0 hPa [−22.9%]
(+ 1 ppmv)
2.0 hPa [−14.0%]
10.0 hPa [−26.4%]
(+ 2 ppmv)
Mixing Ratio [ppmv]
GLE event
Smoothing = 5
Day of Year 2003
14:35:22 Wed Dec 24 2008


NOAA−16 SBUV/2 Ozone [orbit avg.] beginning 2003/10/26
GEOMAGNETIC LATITUDE range = [65°,75°]
0.5 hPa [−37.8%]
4.0 hPa [−9.8%]
1.0 hPa [−21.8%]
7.0 hPa [−8.9%]
(+ 1 ppmv)
2.0 hPa [−18.2%]
10.0 hPa [−8.5%]
(+ 2 ppmv)
Mixing Ratio [ppmv]
GLE event
Smoothing = 5
Day of Year 2003
14:35:35 Wed Dec 24 2008


NOAA−16 SBUV/2 Ozone [orbit avg.] beginning 2003/10/26
GEOMAGNETIC LATITUDE range = [−75°,−65°]
0.5 hPa [−41.8%]
4.0 hPa [−14.1%]
1.0 hPa [−30.4%]
7.0 hPa [−16.2%]
(+ 1 ppmv)
2.0 hPa [−10.3%]
10.0 hPa [−16.8%]
(+ 2 ppmv)
Mixing Ratio [ppmv]
GLE event
Smoothing = 5
Day of Year 2003
14:35:38 Wed Dec 24 2008


NOAA−17 SBUV/2 Ozone [orbit avg.] beginning 2003/10/26
GEOMAGNETIC LATITUDE range = [65°,75°]
0.5 hPa [−34.7%]
4.0 hPa [−13.6%]
1.0 hPa [−24.1%]
7.0 hPa [−13.1%]
(+ 1 ppmv)
2.0 hPa [−21.1%]
10.0 hPa [−11.6%]
(+ 2 ppmv)
Mixing Ratio [ppmv]
GLE event
Smoothing = 5
Day of Year 2003
14:35:47 Wed Dec 24 2008


NOAA−17 SBUV/2 Ozone [orbit avg.] beginning 2003/10/26
GEOMAGNETIC LATITUDE range = [−75°,−65°]
0.5 hPa [−46.6%]
4.0 hPa [−22.4%]
1.0 hPa [−32.6%]
7.0 hPa [−27.1%]
(+ 1 ppmv)
2.0 hPa [−14.4%]
10.0 hPa [−29.0%]
(+ 2 ppmv)
Mixing Ratio [ppmv]
GLE event
Smoothing = 5
Day of Year 2003
14:35:50 Wed Dec 24 2008