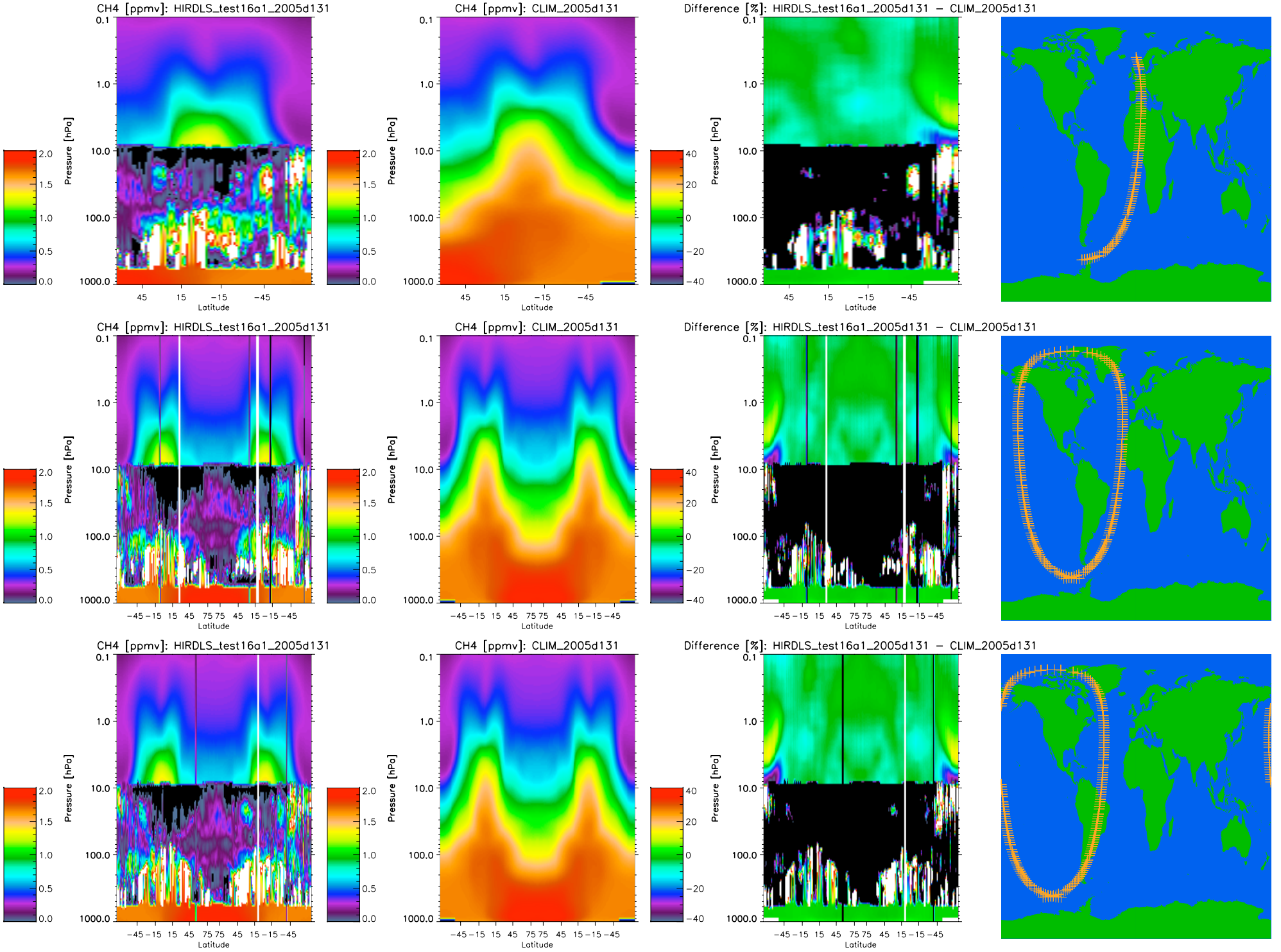
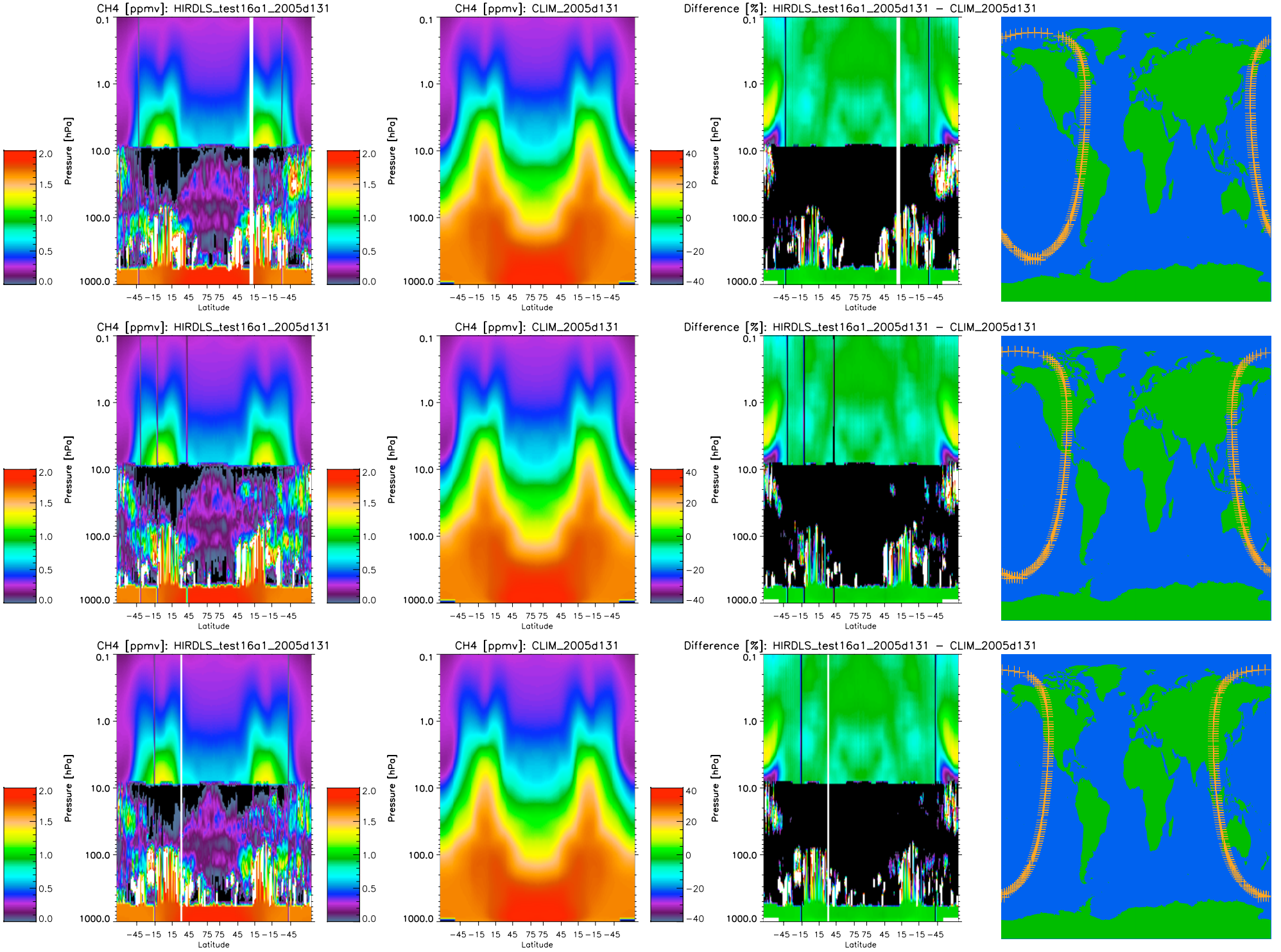
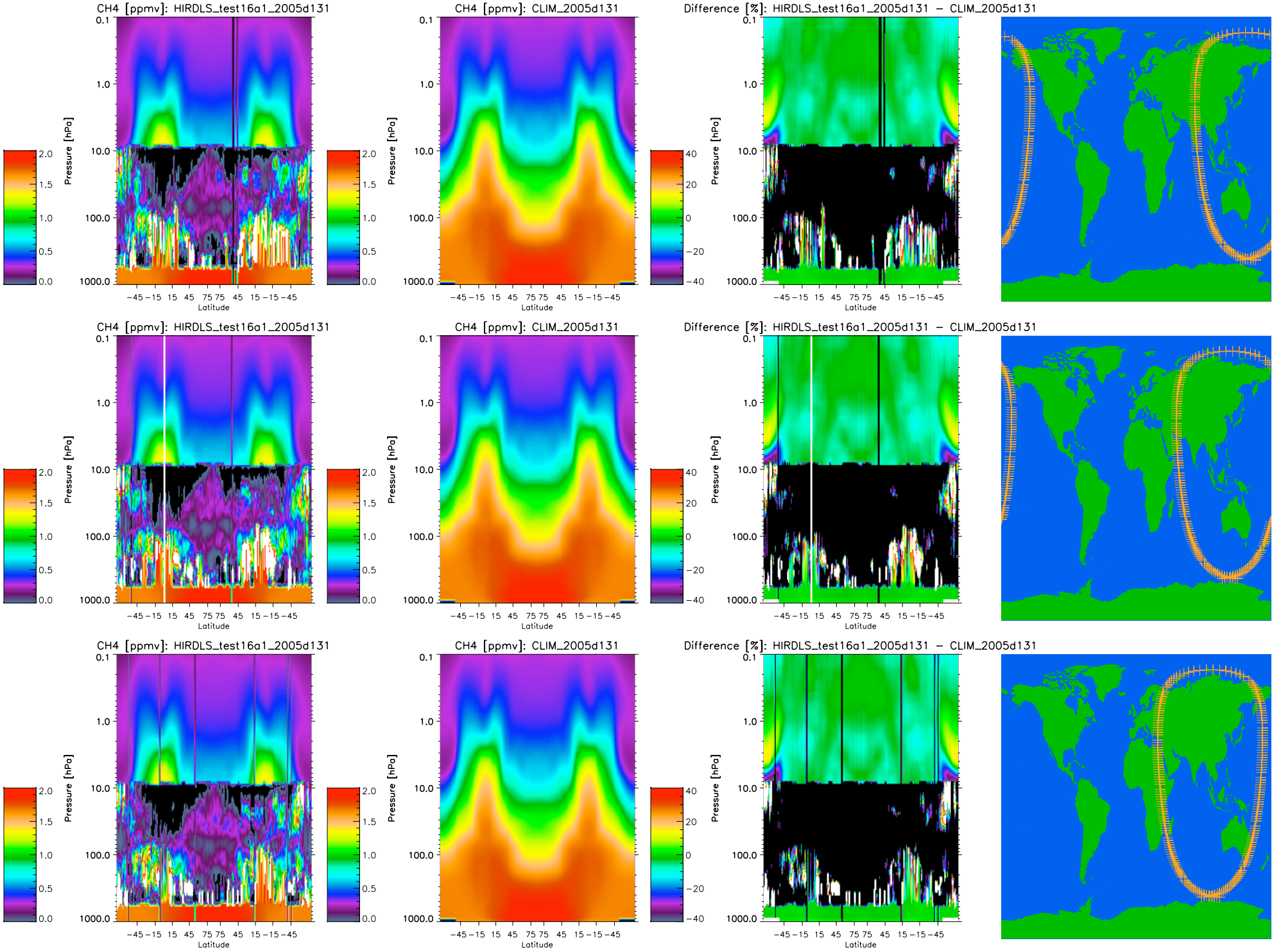

CH4 [ppmv]: HIRDLS_test16a1_2005d131
CH4 [ppmv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
Latitude


CH4 [ppmv]: HIRDLS_test16a1_2005d131
CH4 [ppmv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
0.1
1.0
10.0
100.0
1000.0
Latitude
−45 −15 15 45 75 75 45 15 −15 −45
2.0
1.5
1.0
0.5
0.0
40
20
0
−20
−40


CH4 [ppmv]: HIRDLS_test16a1_2005d131
CH4 [ppmv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
Latitude
0.1
1.0
10.0
100.0
1000.0
−45 −15 15 45 75 75 45 15 −15 −45
2.0
1.5
1.0
0.5
0.0
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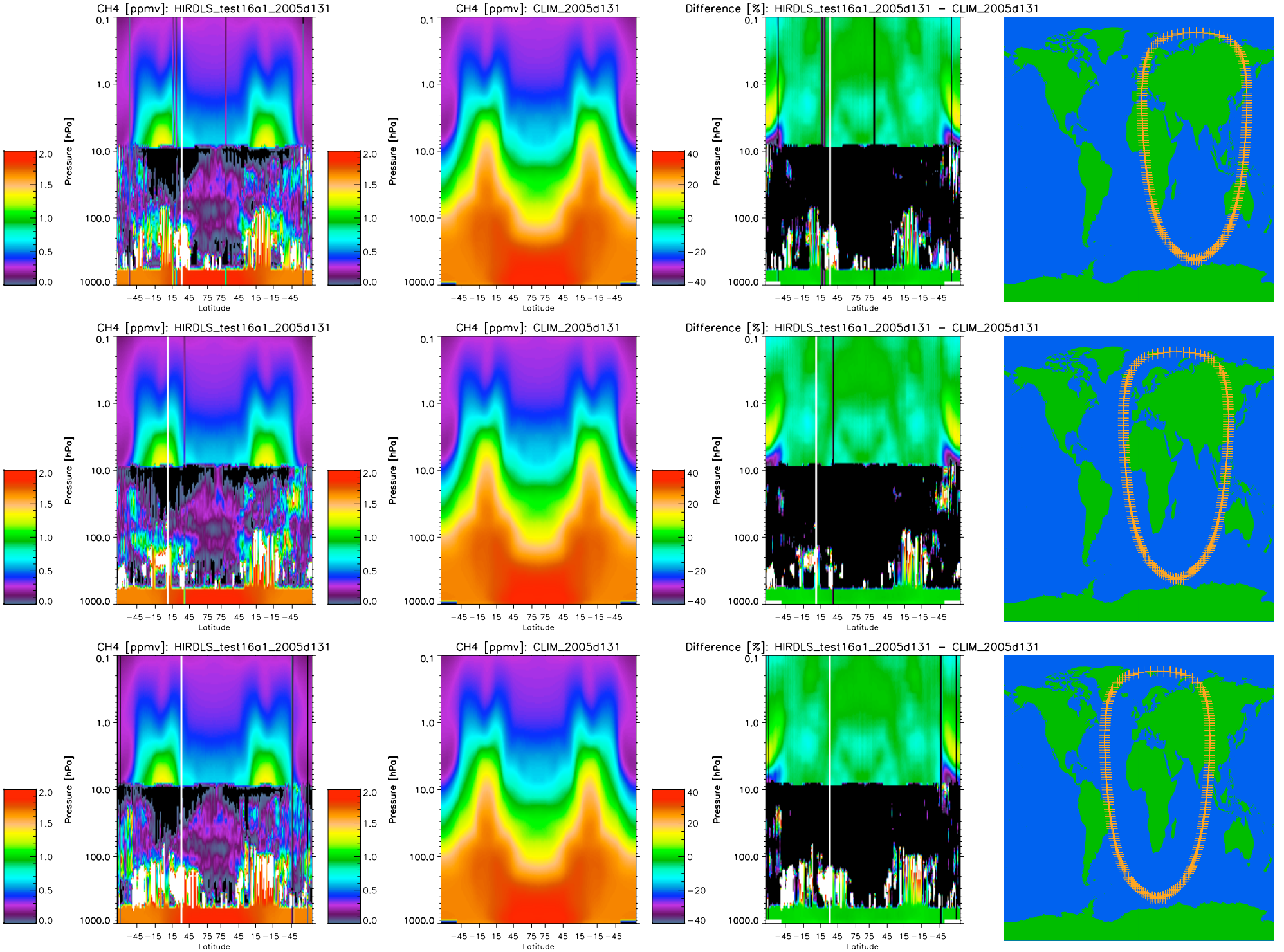
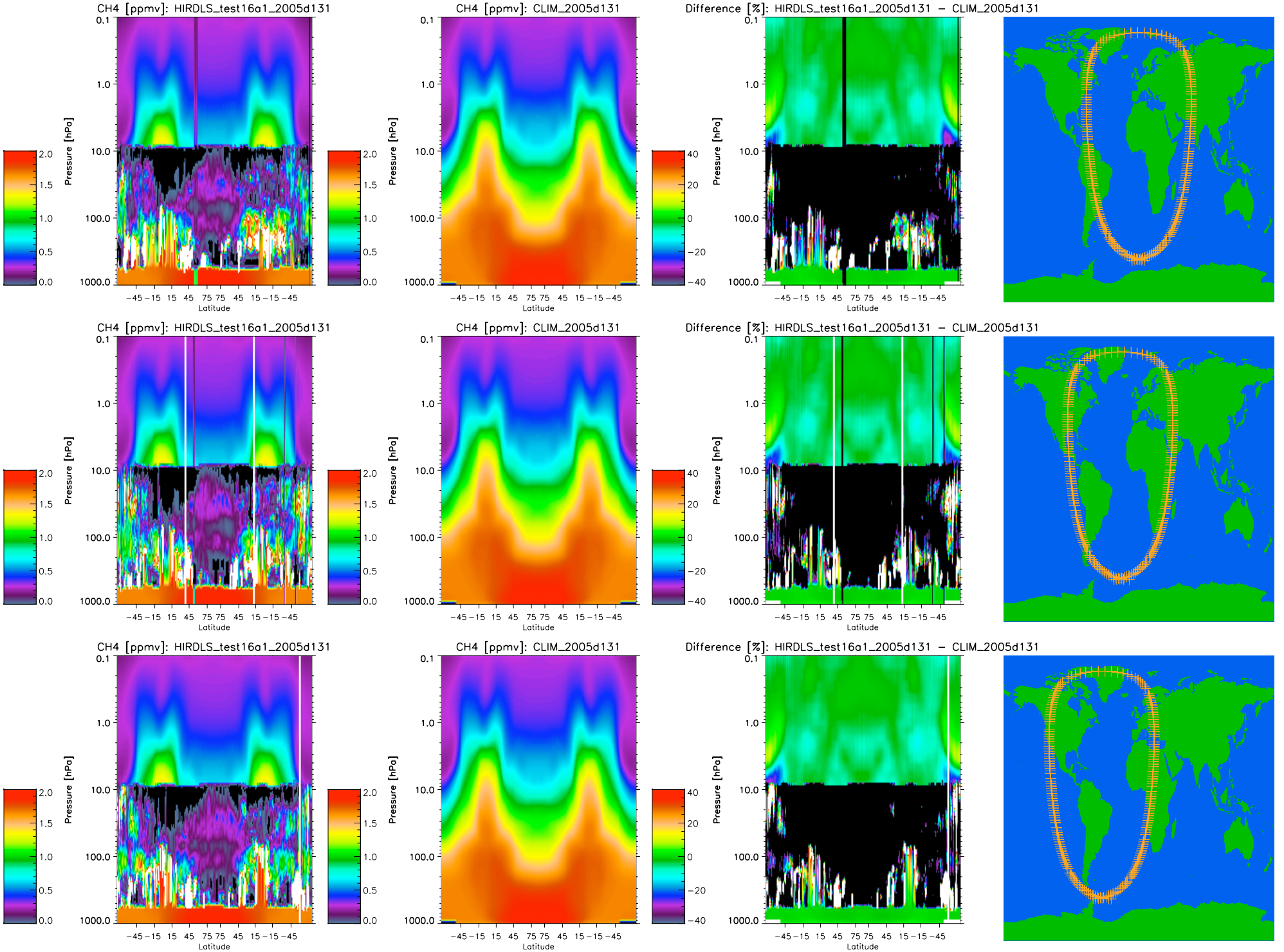
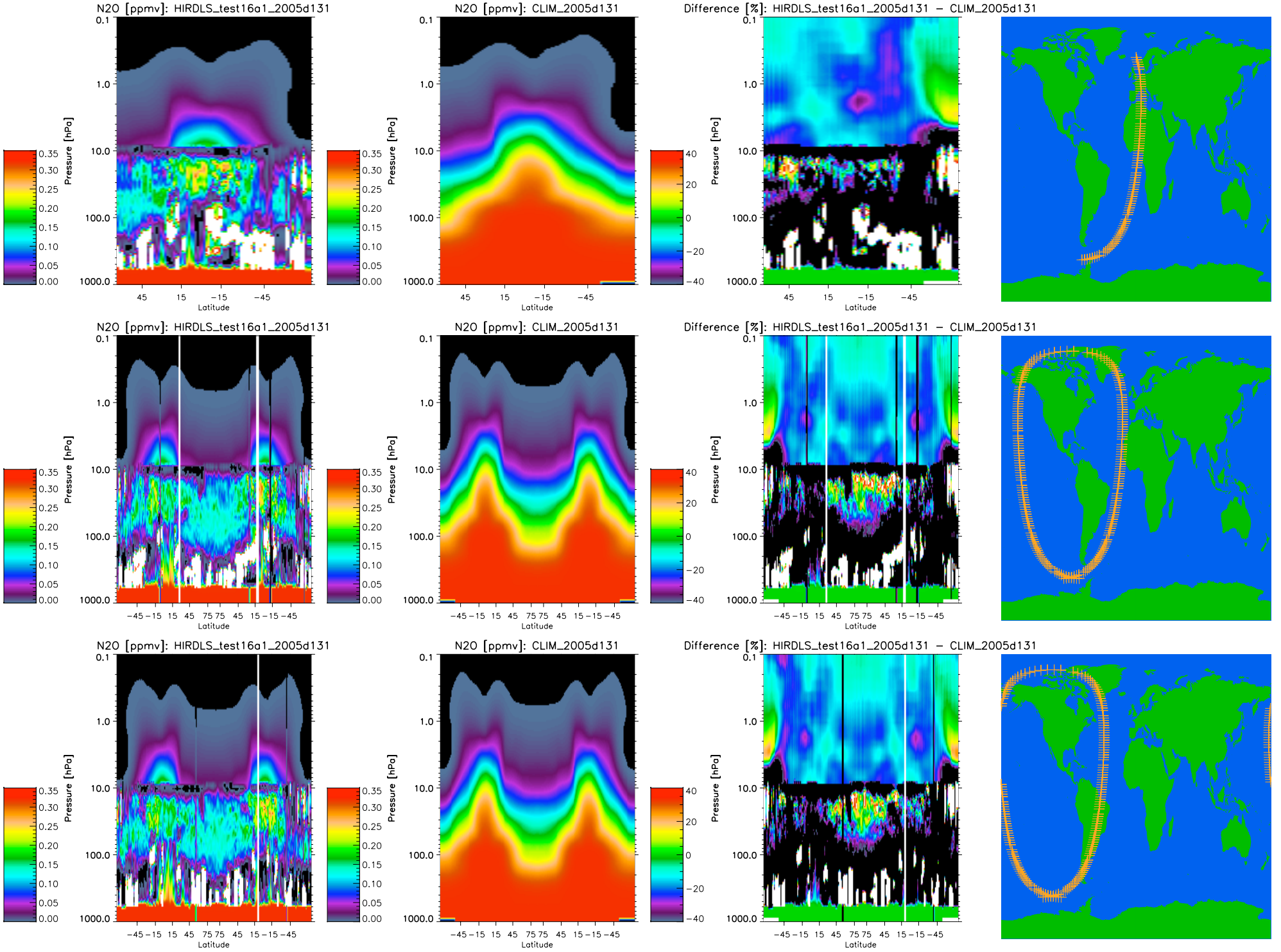
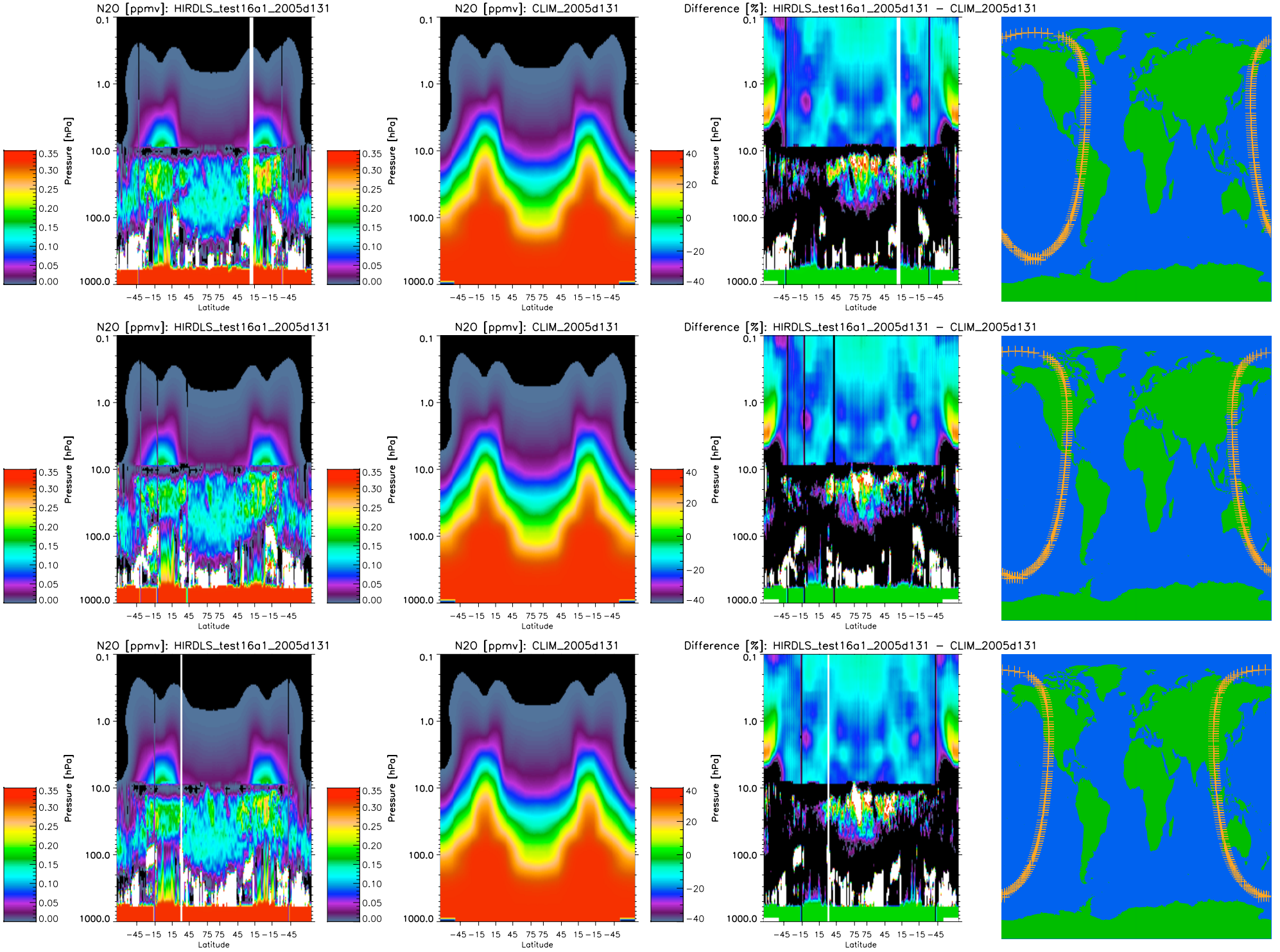
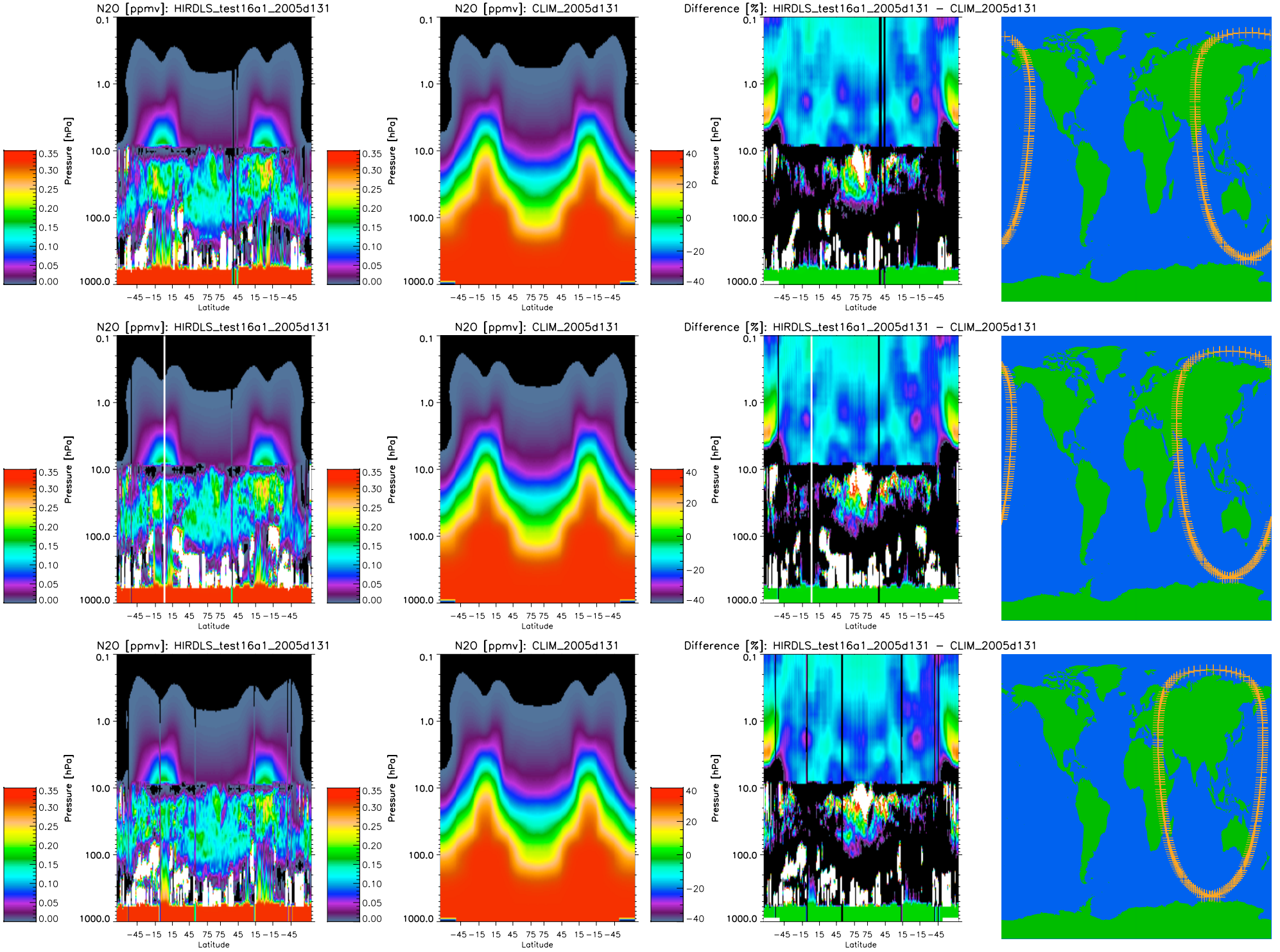
20
0
−20
−40

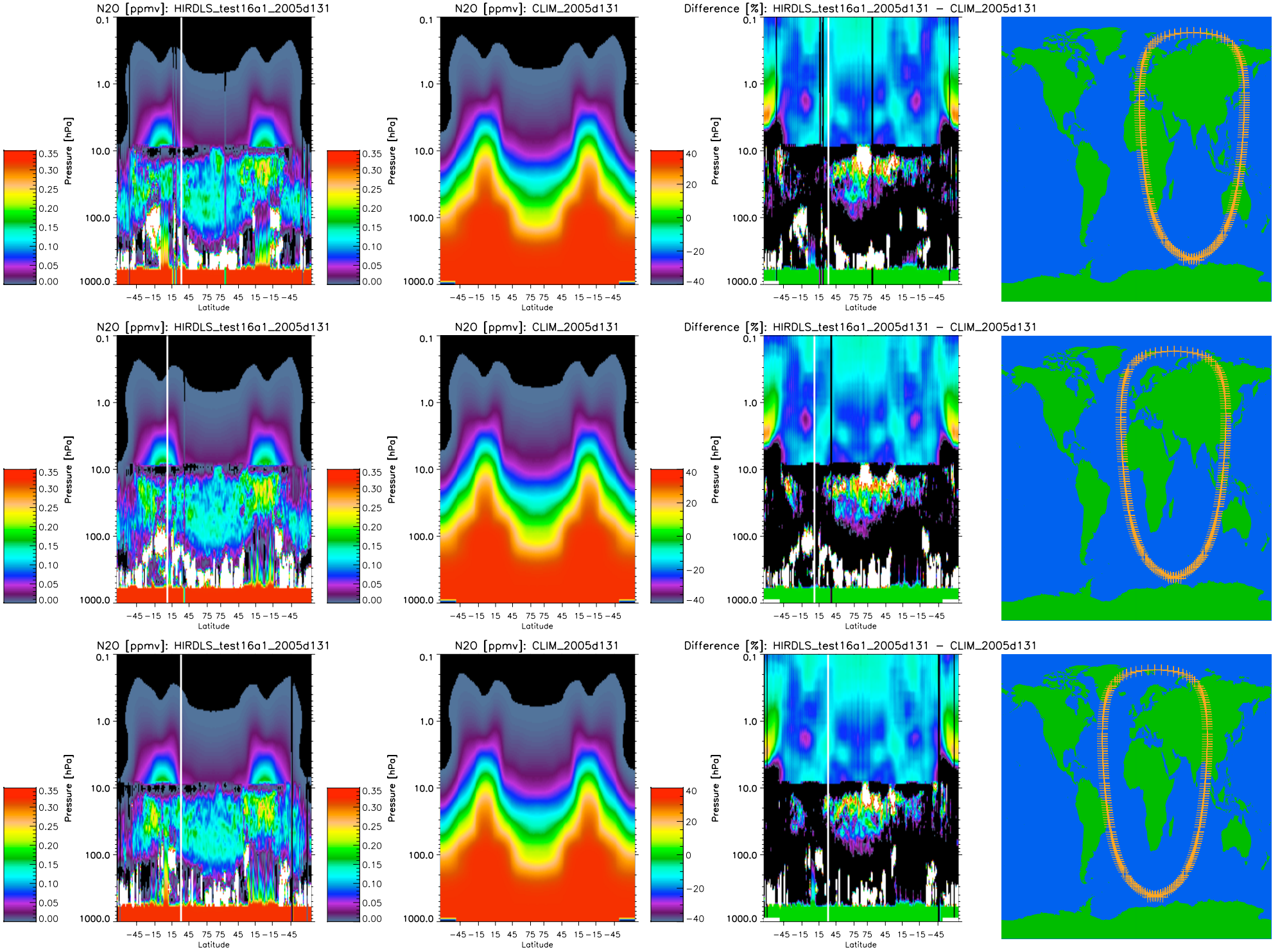

CH4 [ppmv]: HIRDLS_test16a1_2005d131
CH4 [ppmv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
Latitude

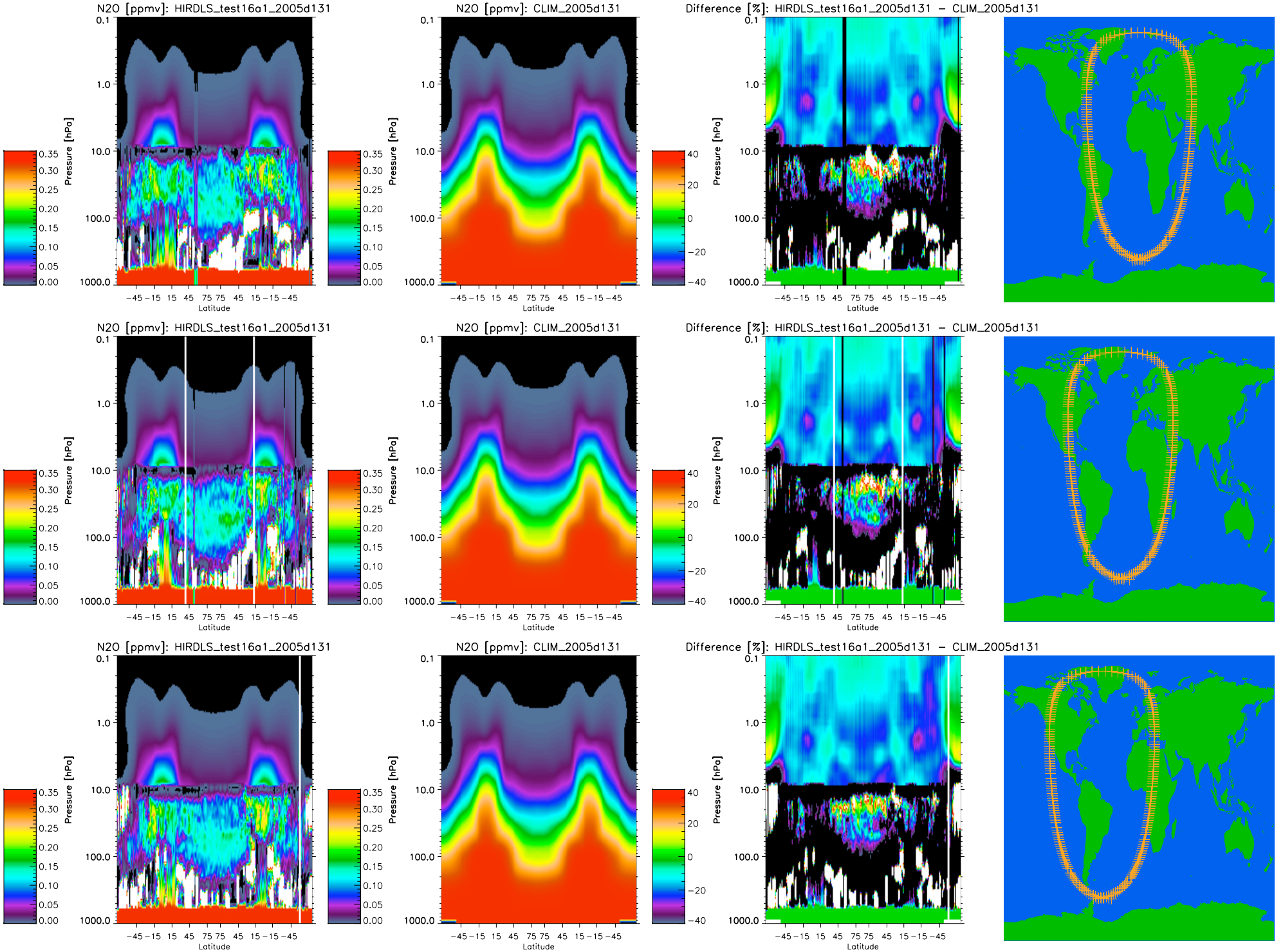

CH4 [ppmv]: HIRDLS_test16a1_2005d131
CH4 [ppmv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
0.1
1.0
10.0
100.0
1000.0
Latitude
−45 −15 15 45 75 75 45 15 −15 −45
0.0
0.5
1.0
1.5
2.0
−40
−20
0
20
40

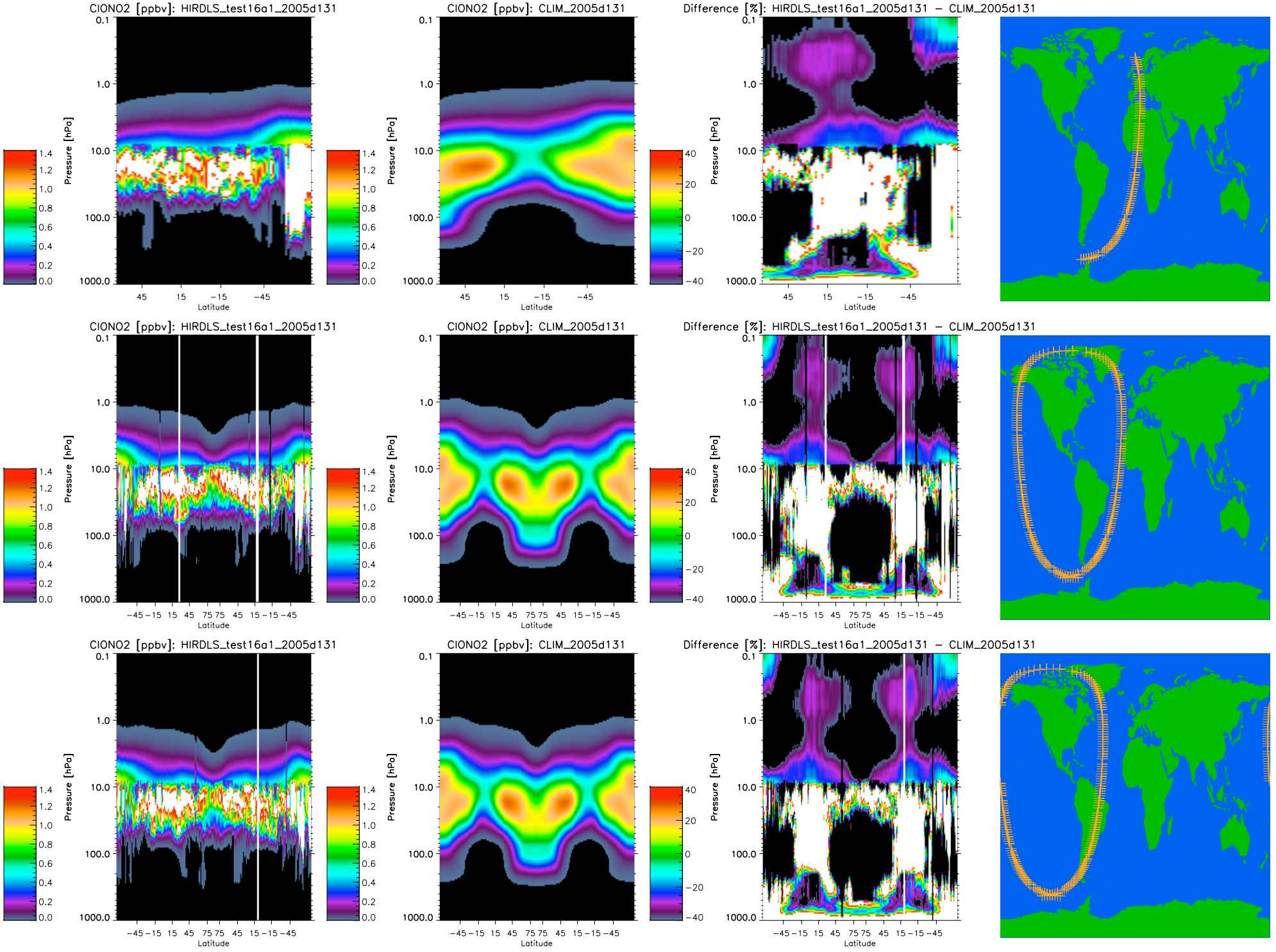

N2O [ppmv]: HIRDLS_test16a1_2005d131
N2O [ppmv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
Latitude
0.1
1.0
10.0
100.0
1000.0
45 15 −15 −45
0.35 0.30 0.25 0.20 0.15 0.10 0.05 0.00
40 20 0 −20 −40


N2O [ppmv]: HIRDLS_test16a1_2005d131
N2O [ppmv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
0.1
1.0
10.0
100.0
1000.0
Latitude
−45 −15 15 45 75 75 45 15 −15 −45
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
40
20
0
−20
−40


N2O [ppmv]: HIRDLS_test16a1_2005d131
N2O [ppmv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
Latitude
0.1
1.0
10.0
100.0
1000.0
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
40
20
0
−20
−40
−45 −15 15 45 75 75 45 15 −15 −45


N2O [ppmv]: HIRDLS_test16a1_2005d131
N2O [ppmv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
0.1
1.0
10.0
100.0
1000.0
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
40
20
0
−20
−40
−45 −15 15 45 75 75 45 15 −15 −45
Latitude


N2O [ppmv]: HIRDLS_test16a1_2005d131
N2O [ppmv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
0.1
1.0
10.0
100.0
1000.0
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
40
20
0
−20
−40
−45 −15 15 45 75 75 45 15 −15 −45
Latitude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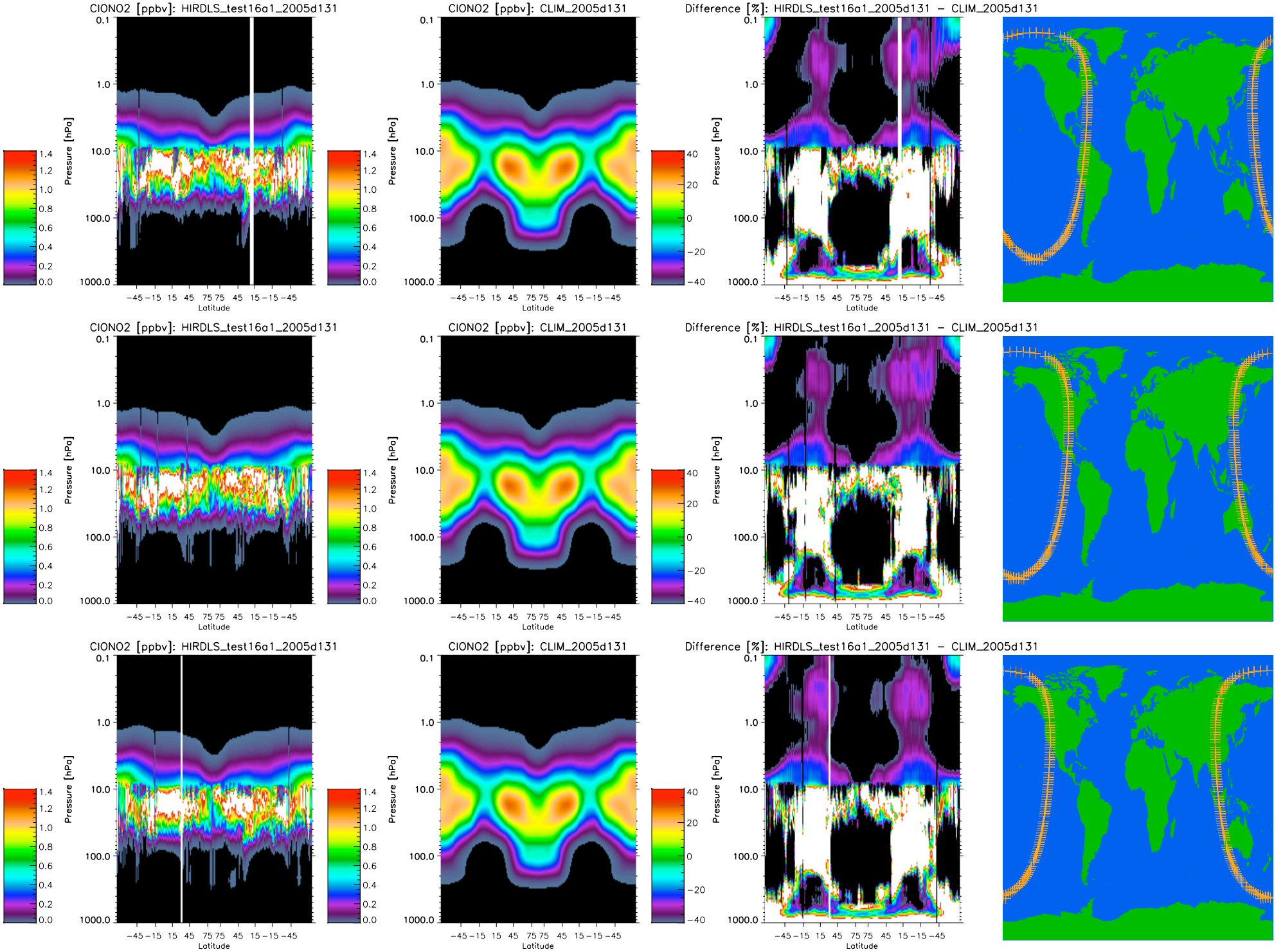
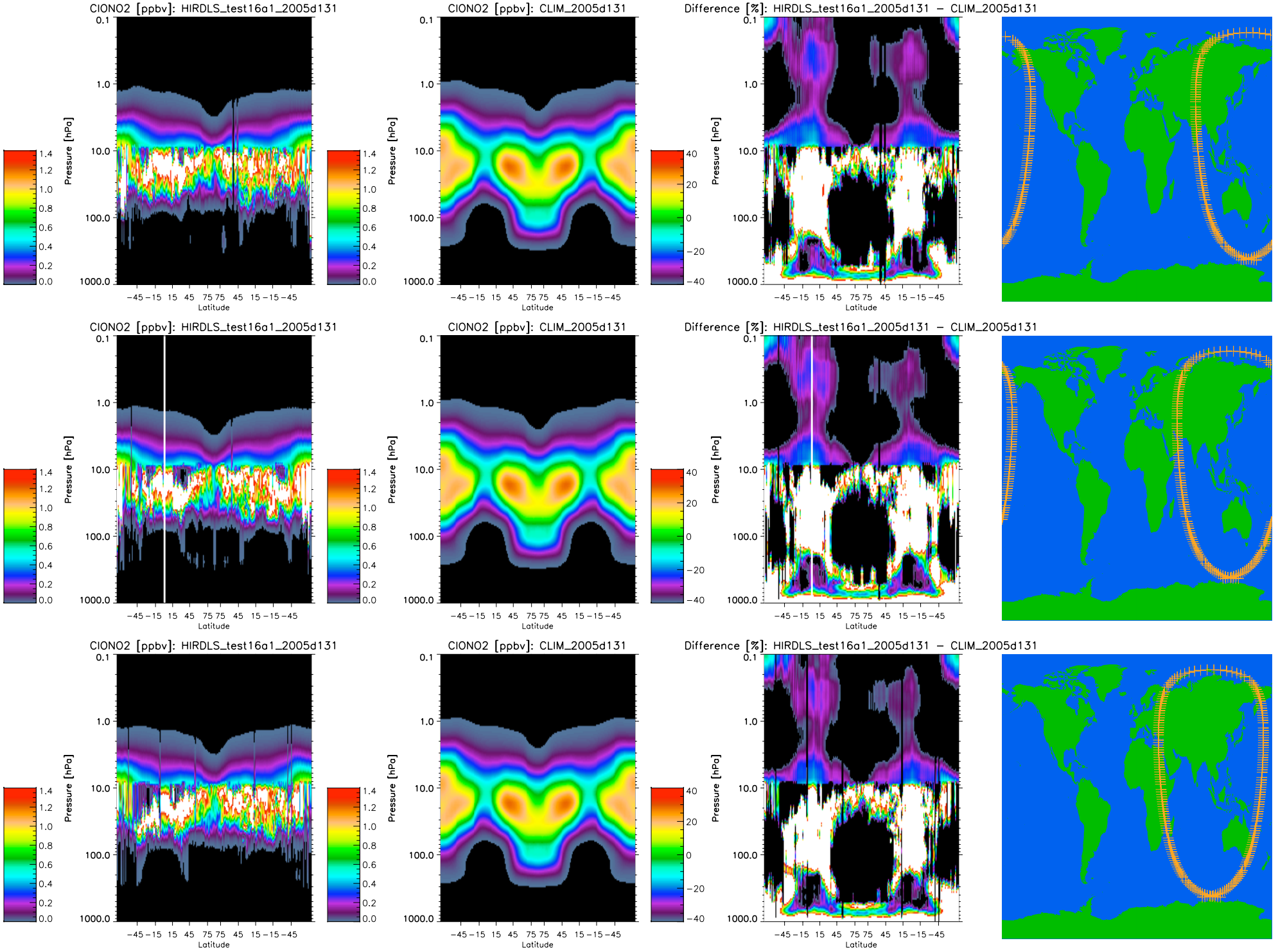
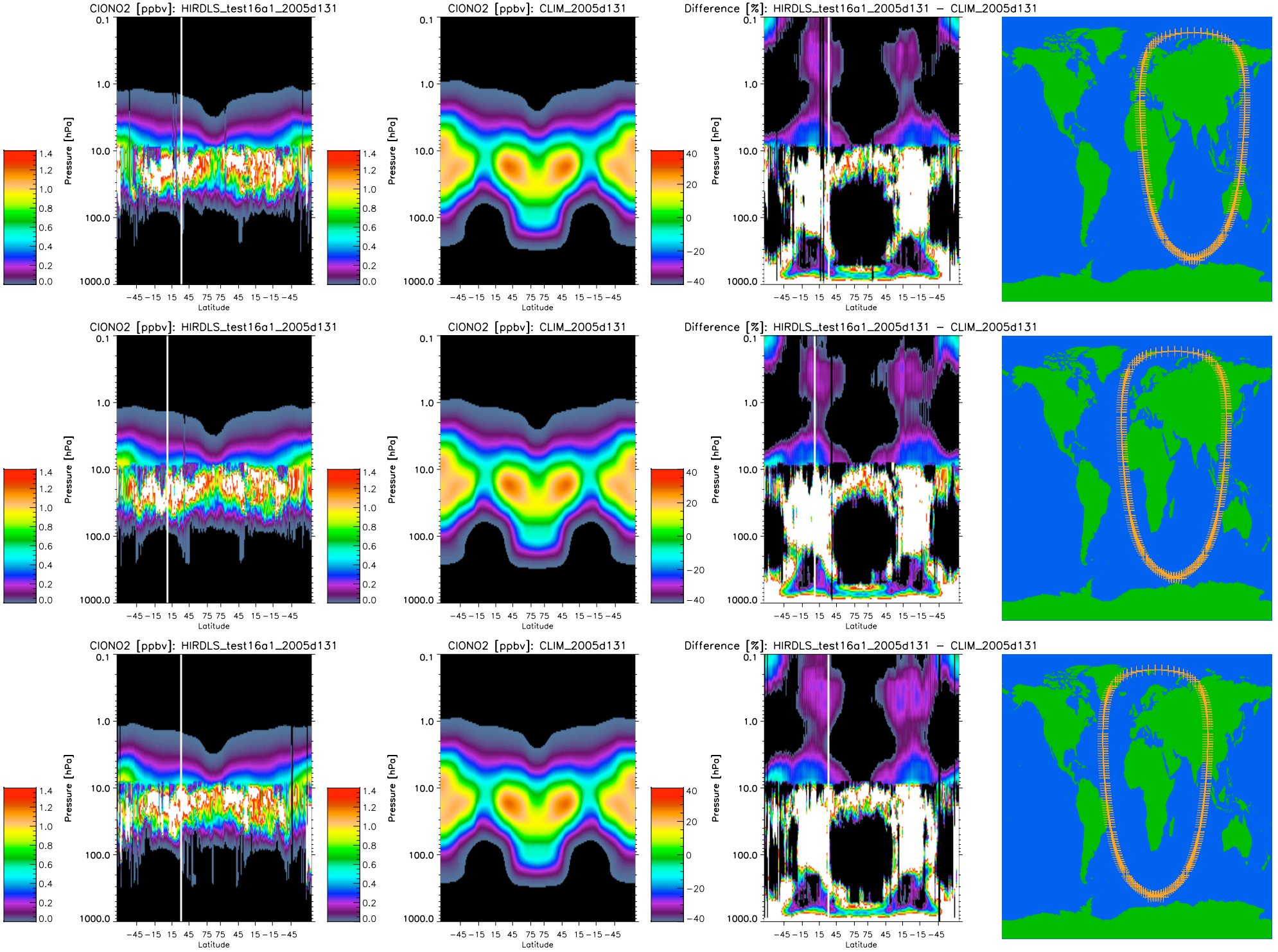
ClONO2 [ppbv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
Latitude
0.1
1.0
10.0
100.0
1000.0
45 15 −15 −45
0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4
−40 −20 0 20 40


ClONO2 [ppbv]: HIRDLS_test16a1_2005d131
ClONO2 [ppbv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
0.1
1.0
10.0
100.0
1000.0
Latitude
−45 −15 15 45 75 75 45 15 −15 −45
0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4
−40 −20 0 20 40


ClONO2 [ppbv]: HIRDLS_test16a1_2005d131
ClONO2 [ppbv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
0.1
1.0
10.0
100.0
1000.0
Latitude
−45 −15 15 45 75 75 45 15 −15 −45
0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4
−40 −20 0 20 40


ClONO2 [ppbv]: HIRDLS_test16a1_2005d131
ClONO2 [ppbv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
0.1
1.0
10.0
100.0
1000.0
Latitude
−45 −15 15 45 75 75 45 15 −15 −45
1.4
1.2
1.0
0.8
0.6
0.4
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0.0
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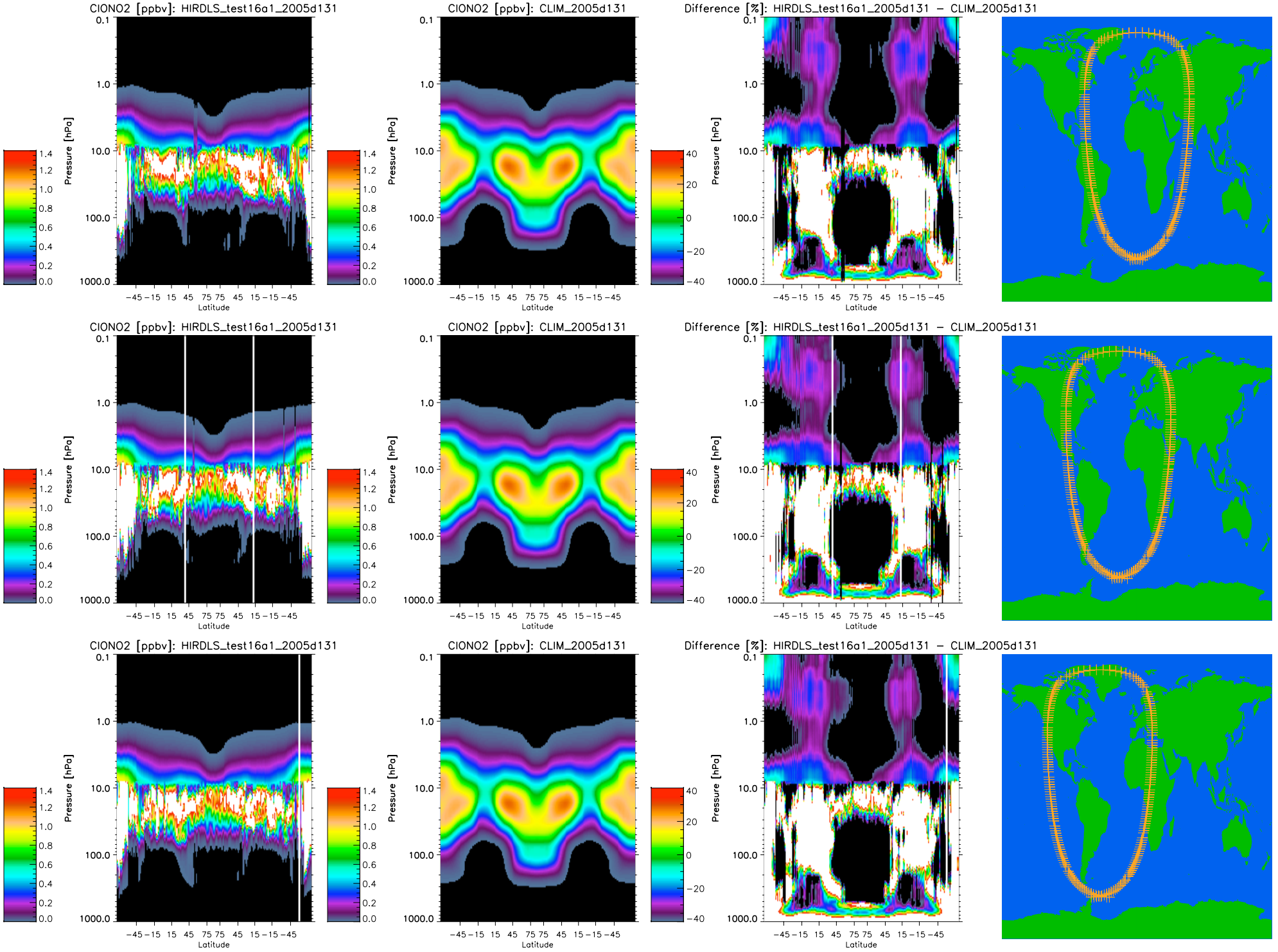
20
0
−20
−40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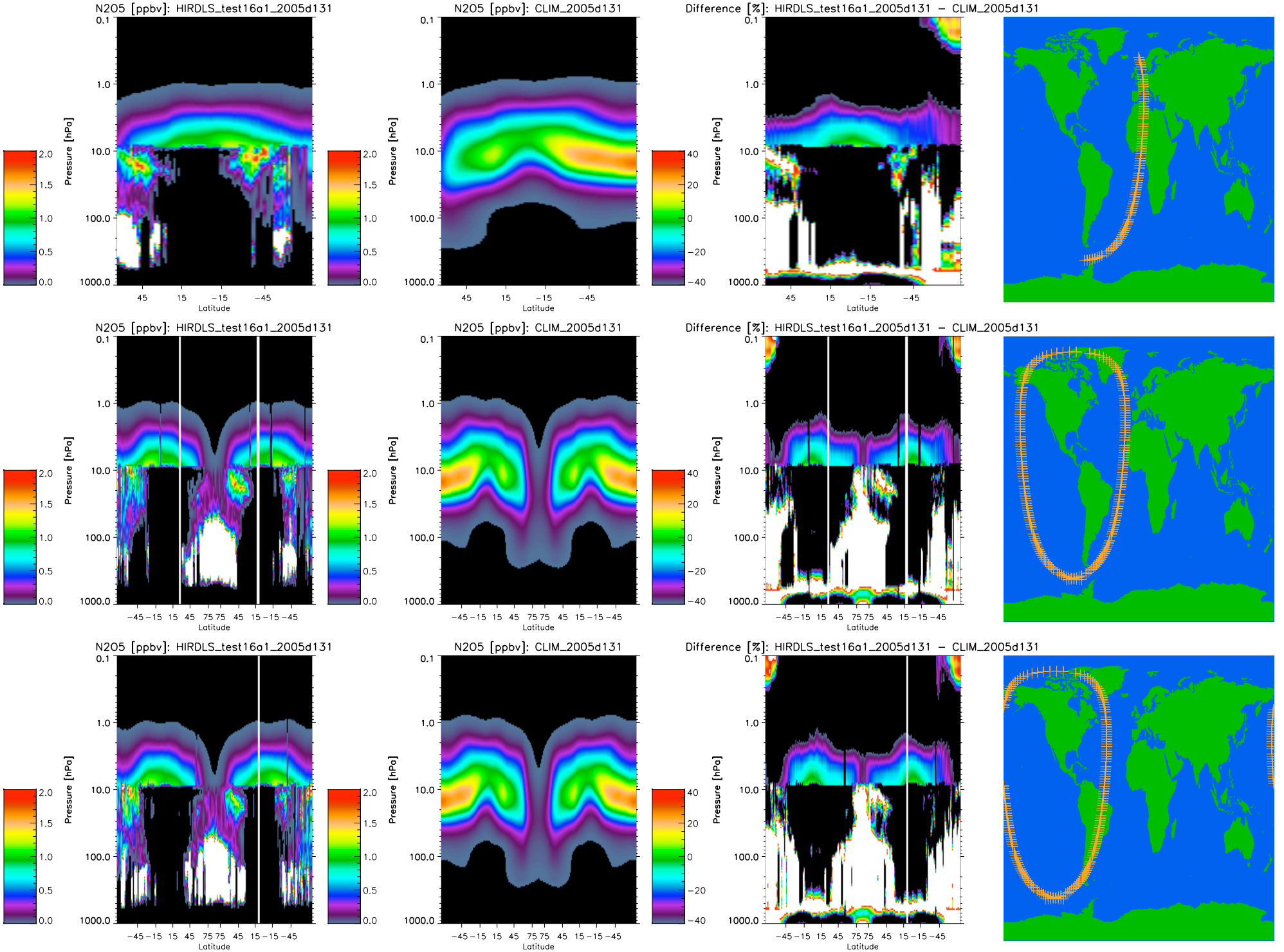
ClONO2 [ppbv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
0.1
1.0
10.0
100.0
1000.0
Latitude
−45 −15 15 45 75 75 45 15 −15 −45
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
40
20
0
−20
−40


N2O5 [ppbv]: HIRDLS_test16a1_2005d131
N2O5 [ppbv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
Latitude
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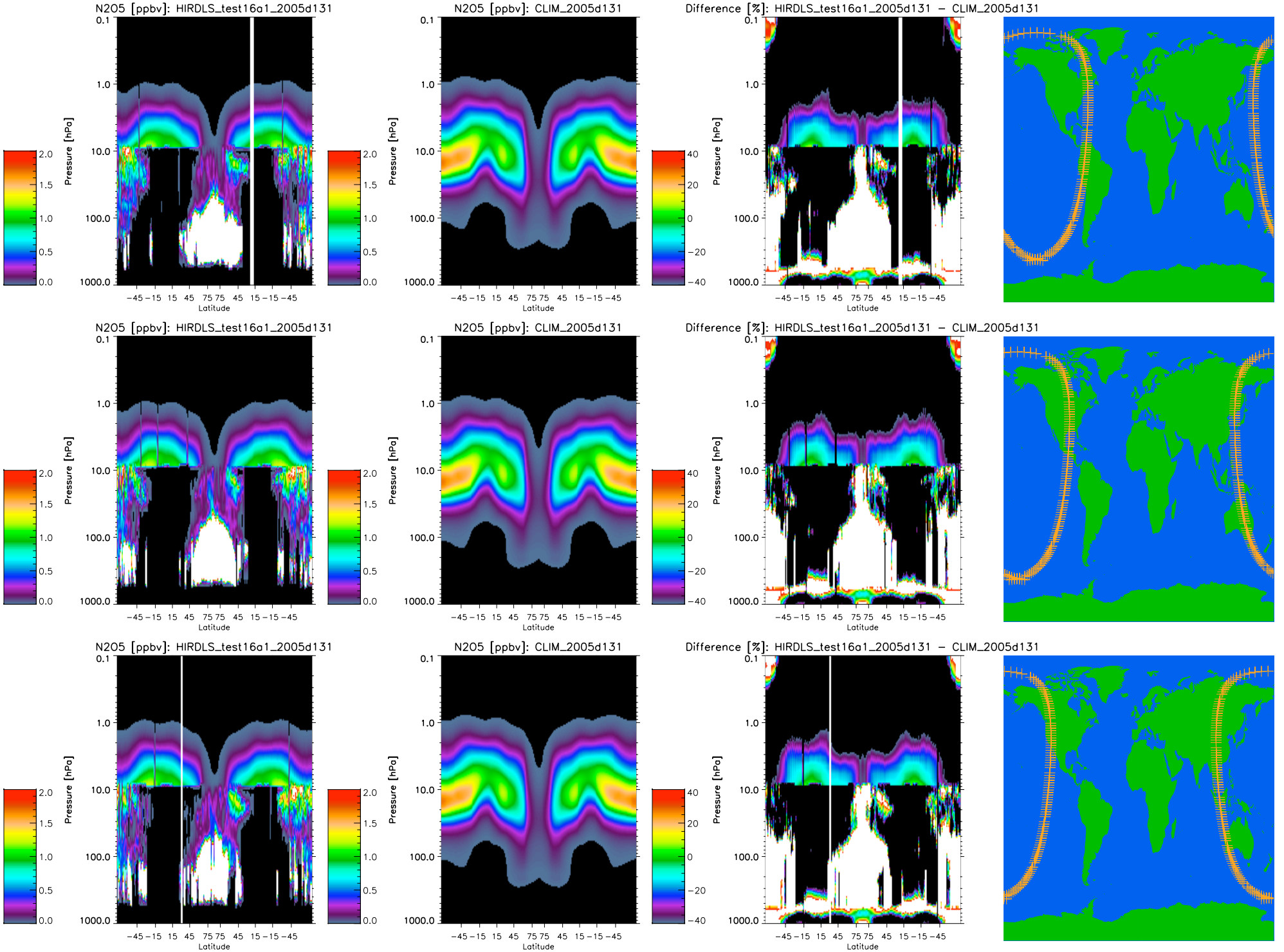
1.0
10.0
100.0
1000.0
45 15 −15 −45
2.0 1.5 1.0 0.5 0.0
40 20 0 −20 −40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N2O5 [ppbv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
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1.0
10.0
100.0
1000.0
Latitude
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1.5
1.0
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0.0
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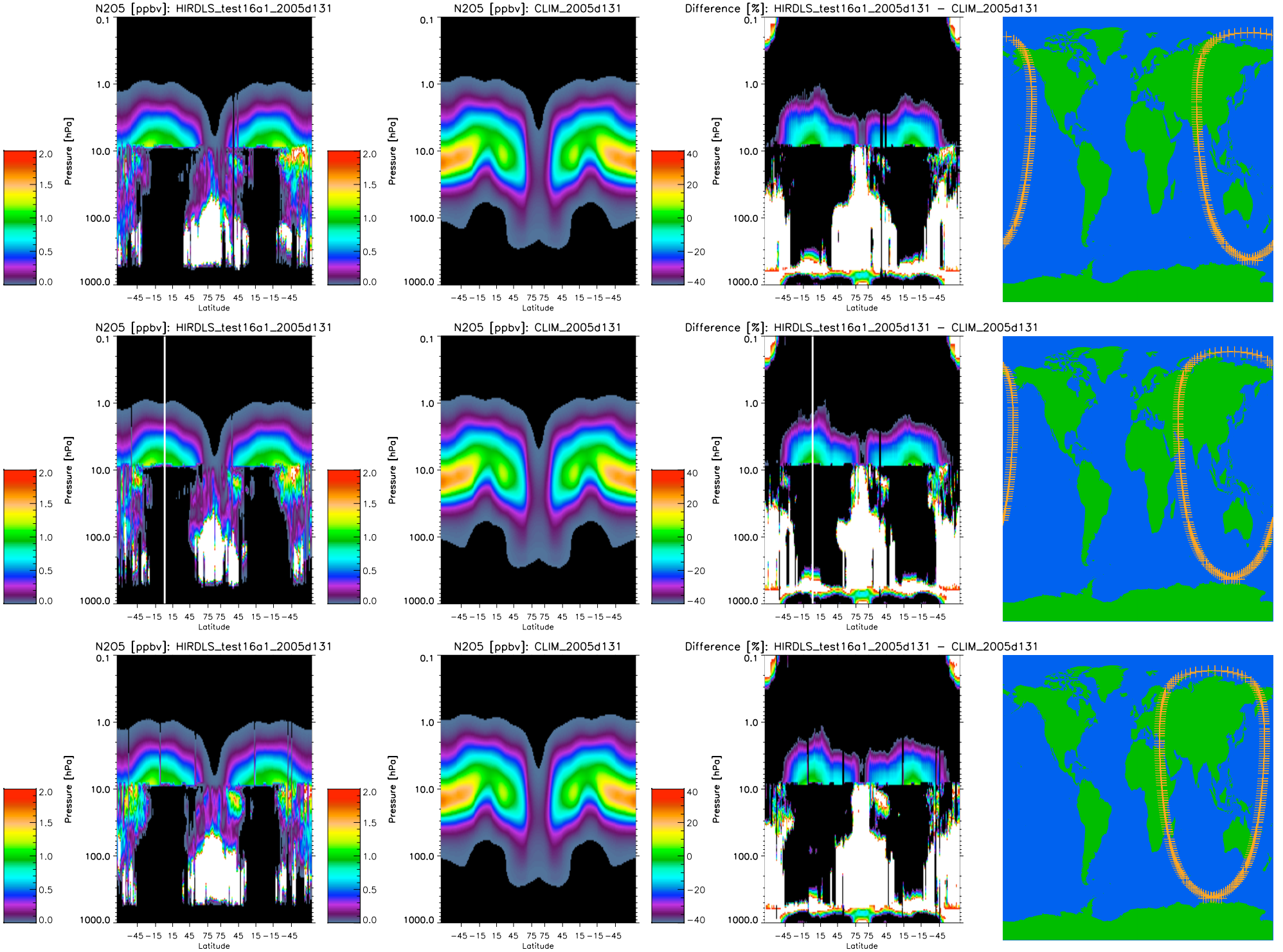
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N2O5 [ppbv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
0.1
1.0
10.0
100.0
1000.0
Latitude
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1.5
1.0
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0.0
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0
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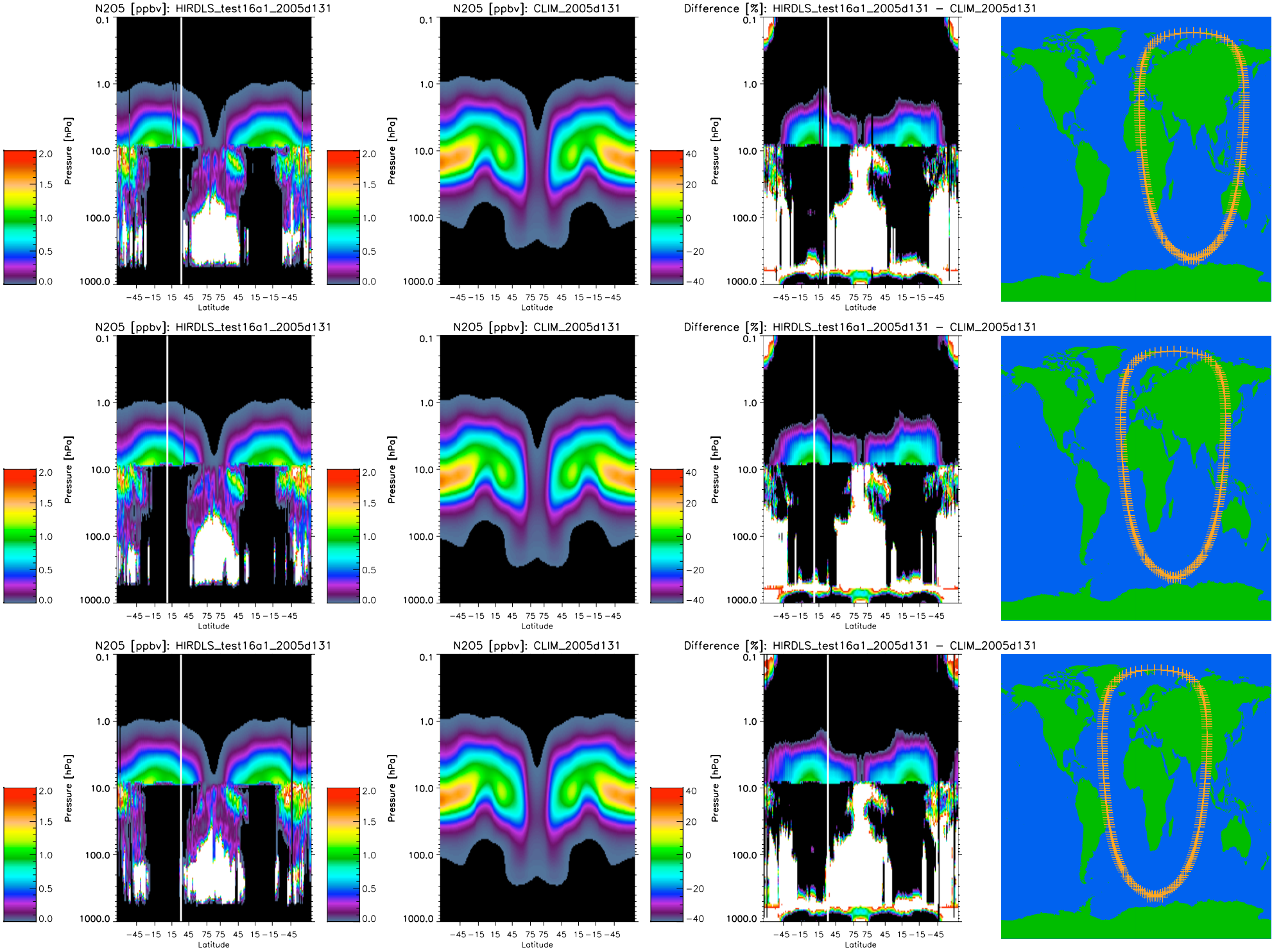
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N2O5 [ppbv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
0.1
1.0
10.0
100.0
1000.0
Latitude
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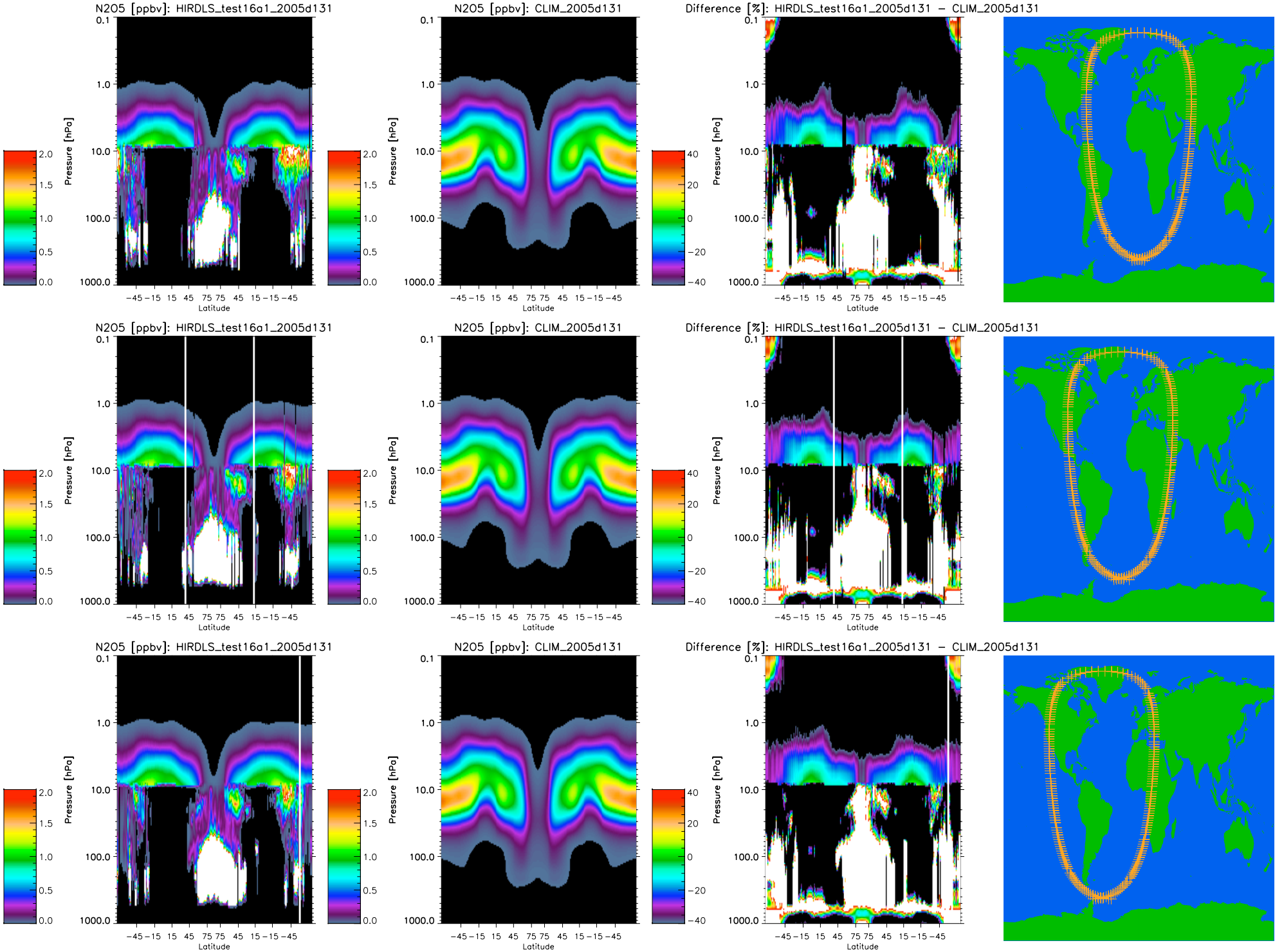
N2O5 [ppbv]: HIRDLS_test16a1_2005d131
N2O5 [ppbv]: CLIM_2005d131
Difference [%]: HIRDLS_test16a1_2005d131 – CLIM_2005d131
Pressure [hPa]
0.1
1.0
10.0
100.0
1000.0
Latitude
−45 −15 15 45 75 75 45 15 −15 −45
2.0
1.5
1.0
0.5
0.0
40
20
0
−20
−40