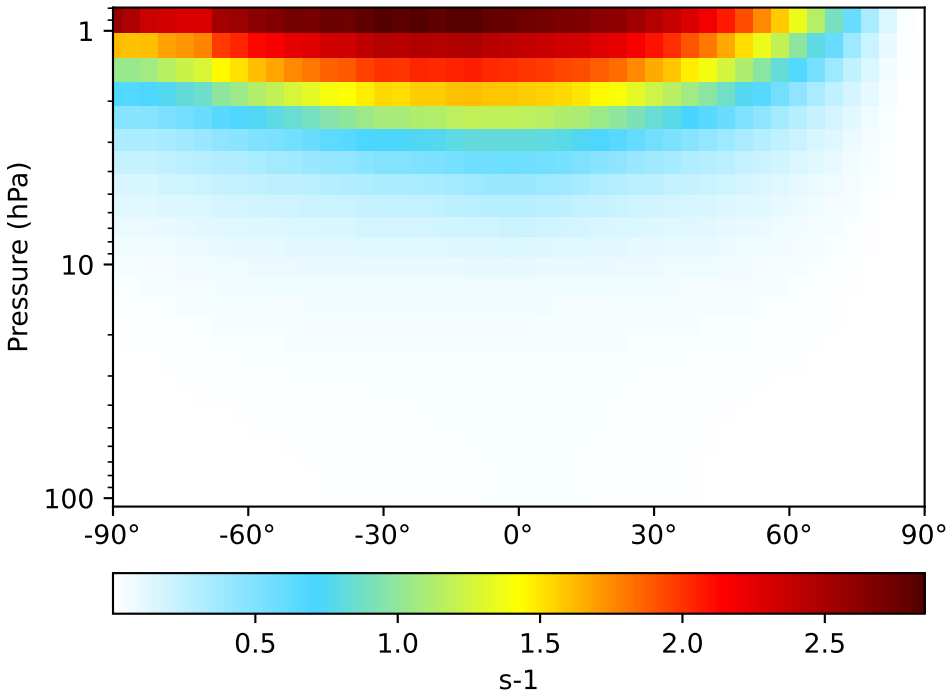
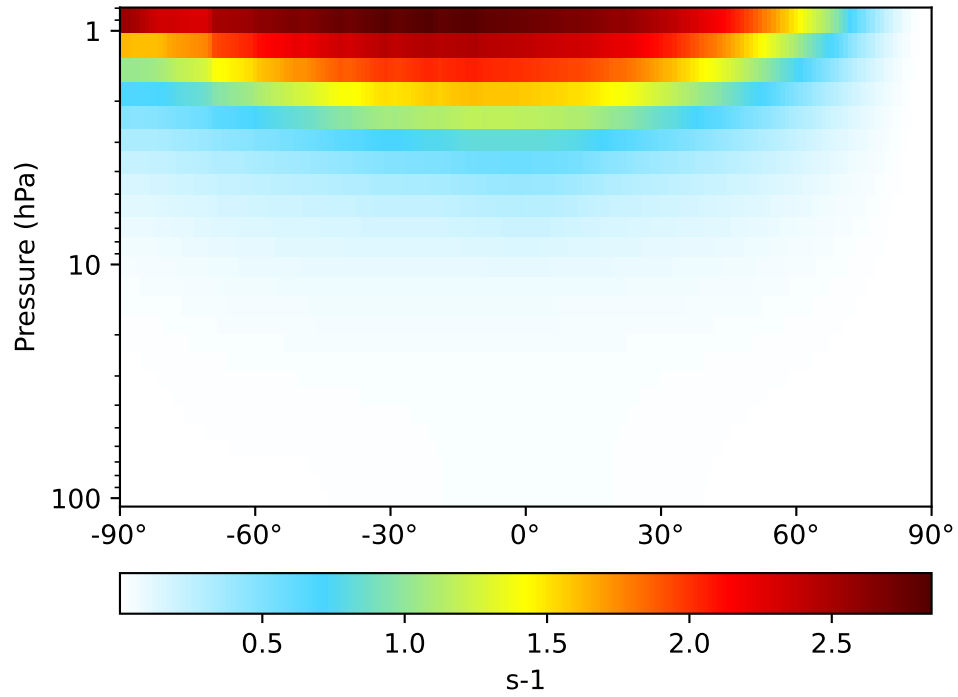
JvalO3O1D, Zonal Mean (Oct2019)

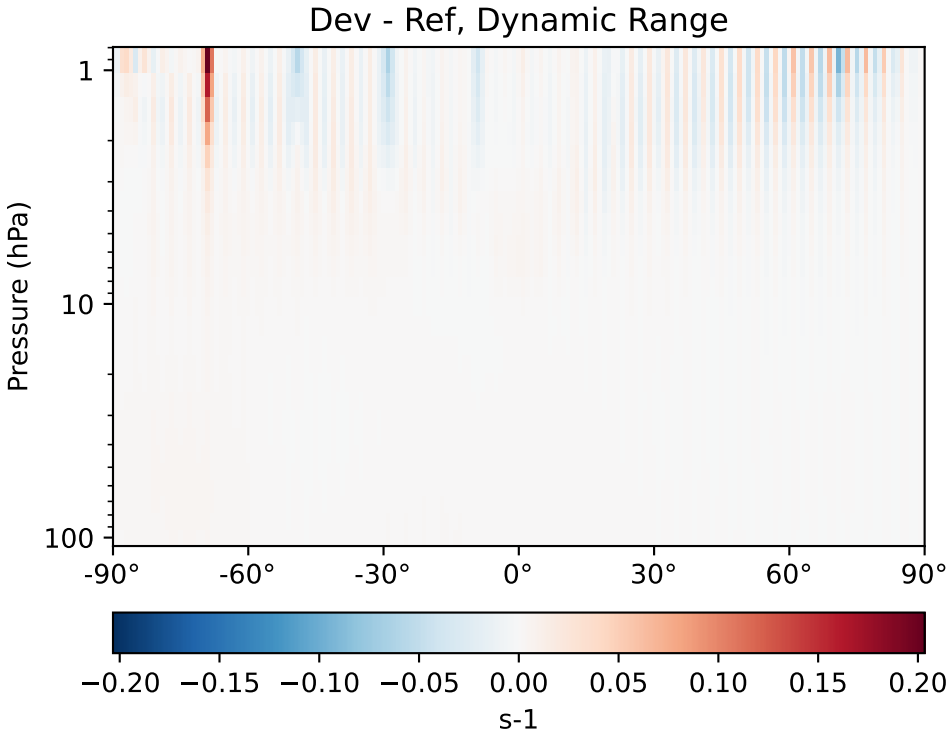
GCC_13.2.0 (Ref)
4.0x5.0



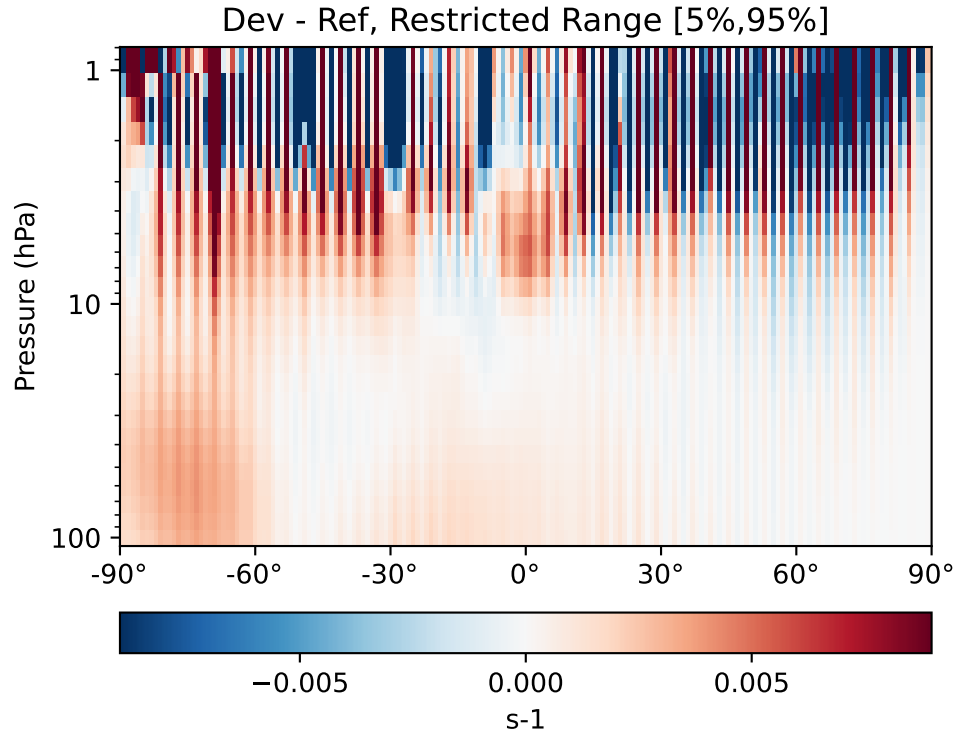
GCHP_13.2.0 (Dev)
1x1.25 regridded from c48



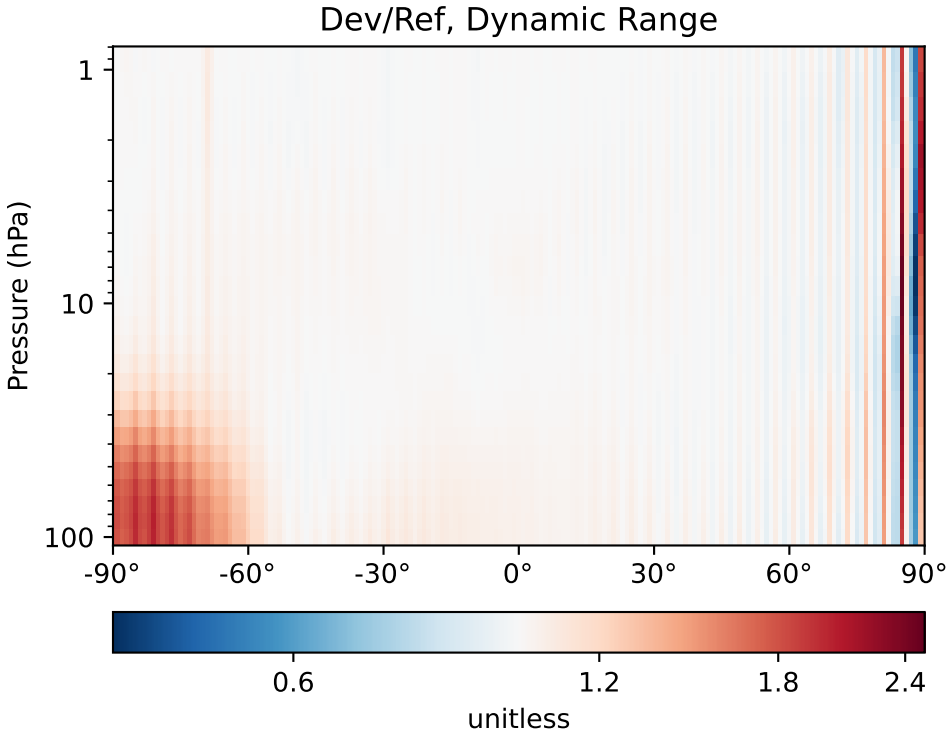
Difference (1x1.25)
Dev - Ref, Dynamic Range



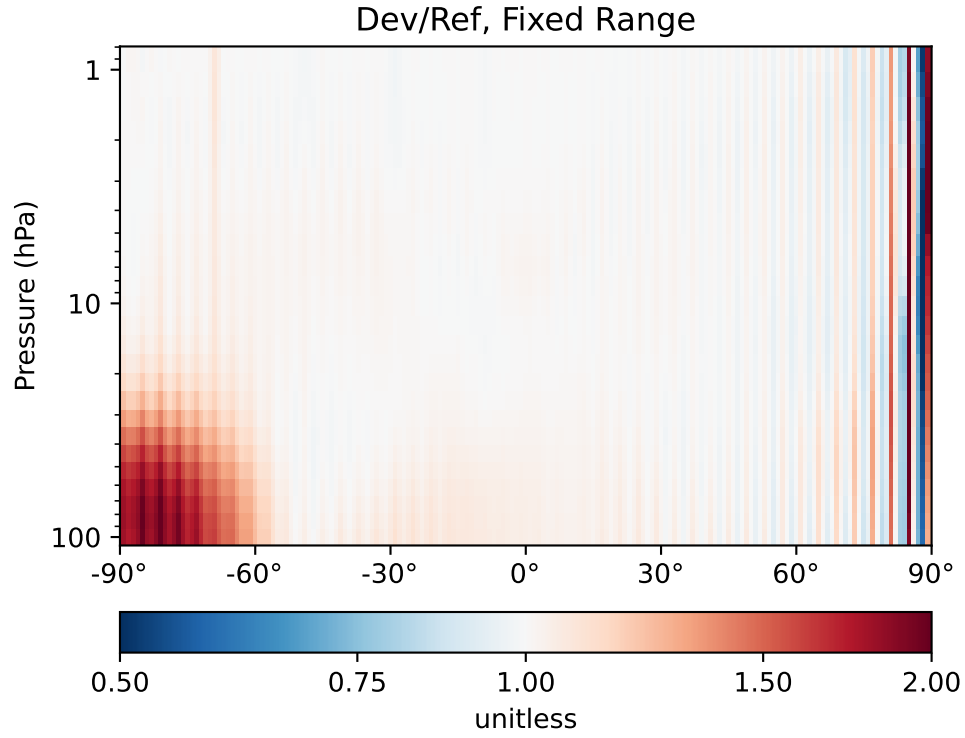
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



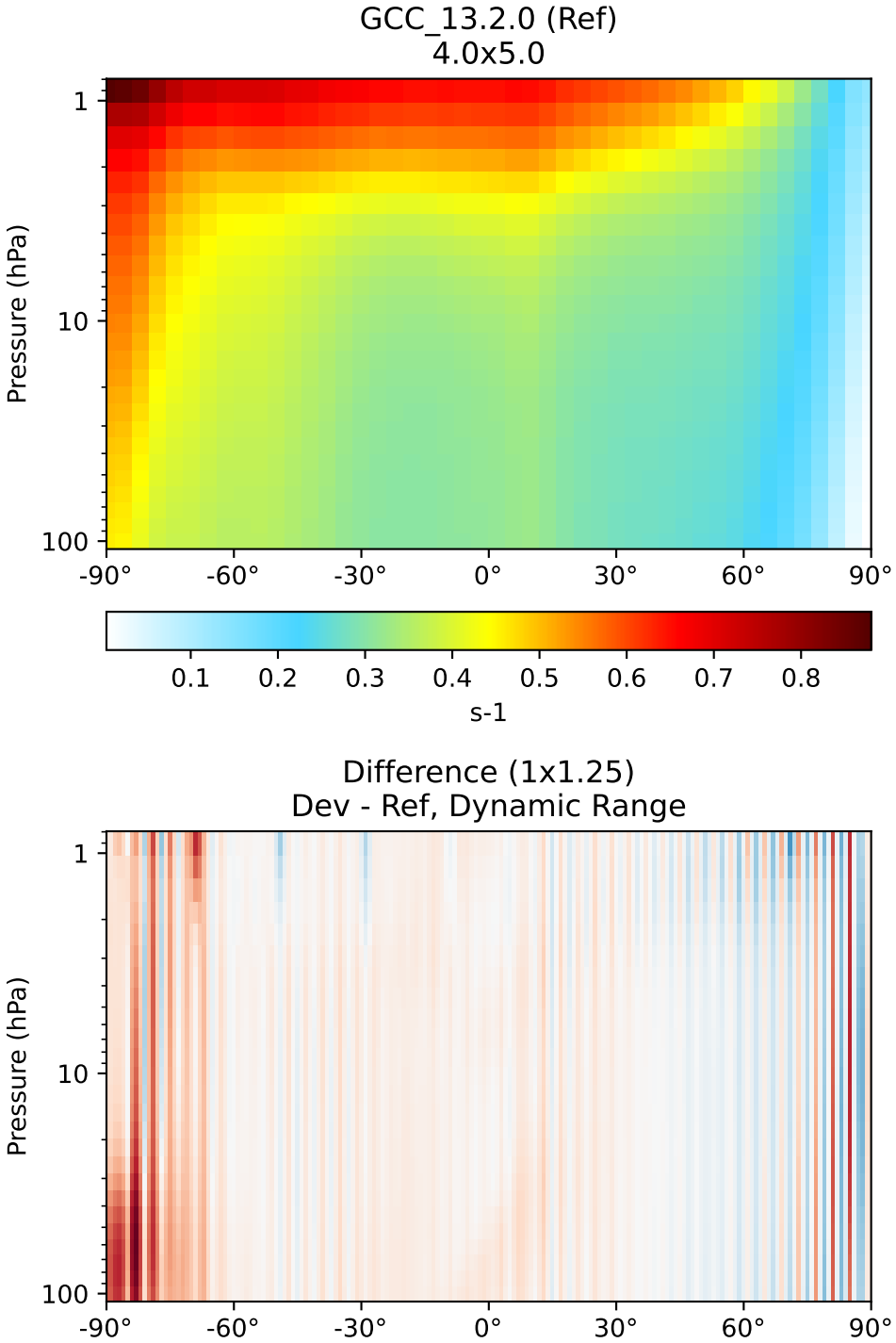
Ratio (1x1.25)
Dev/Ref, Dynamic Range

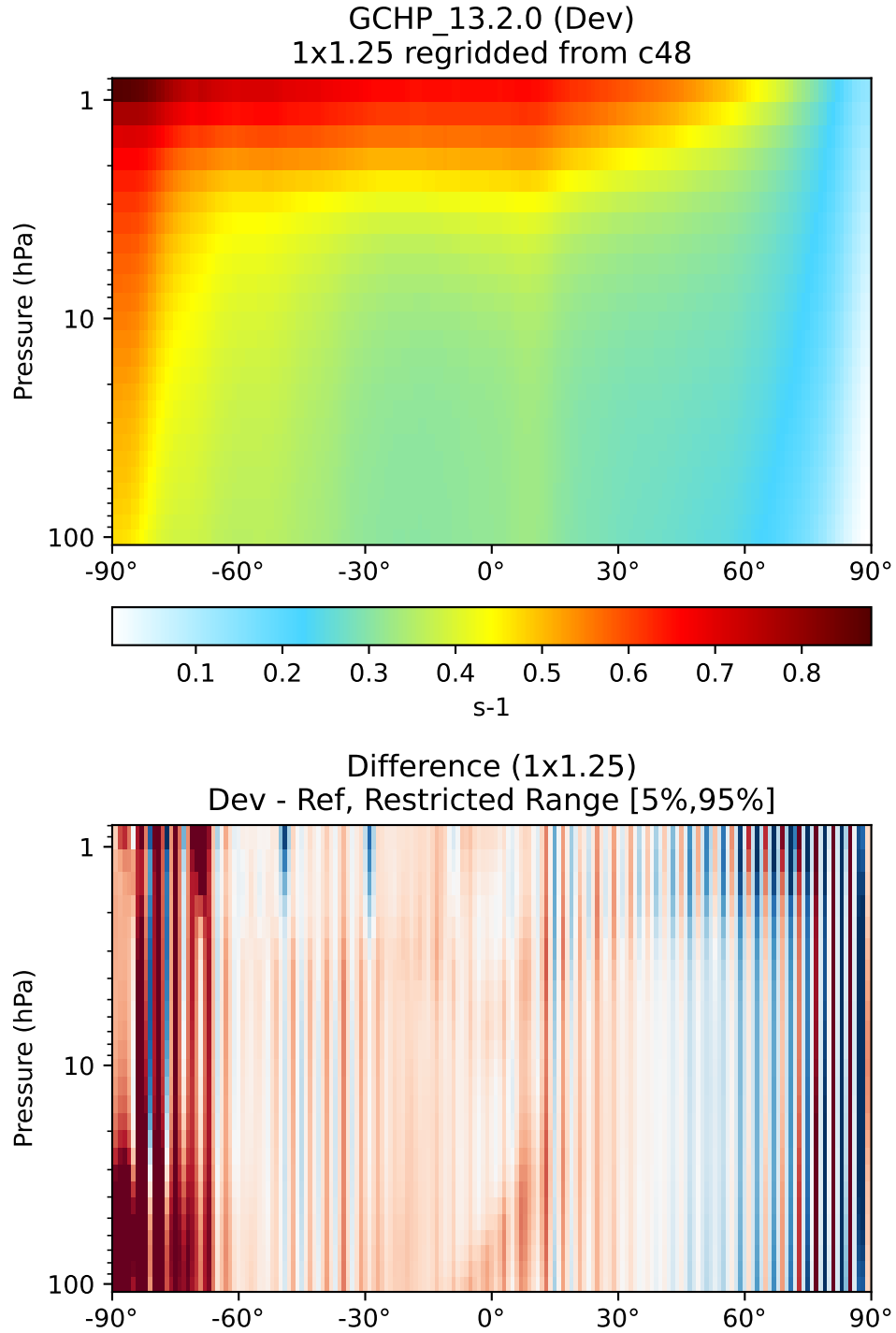


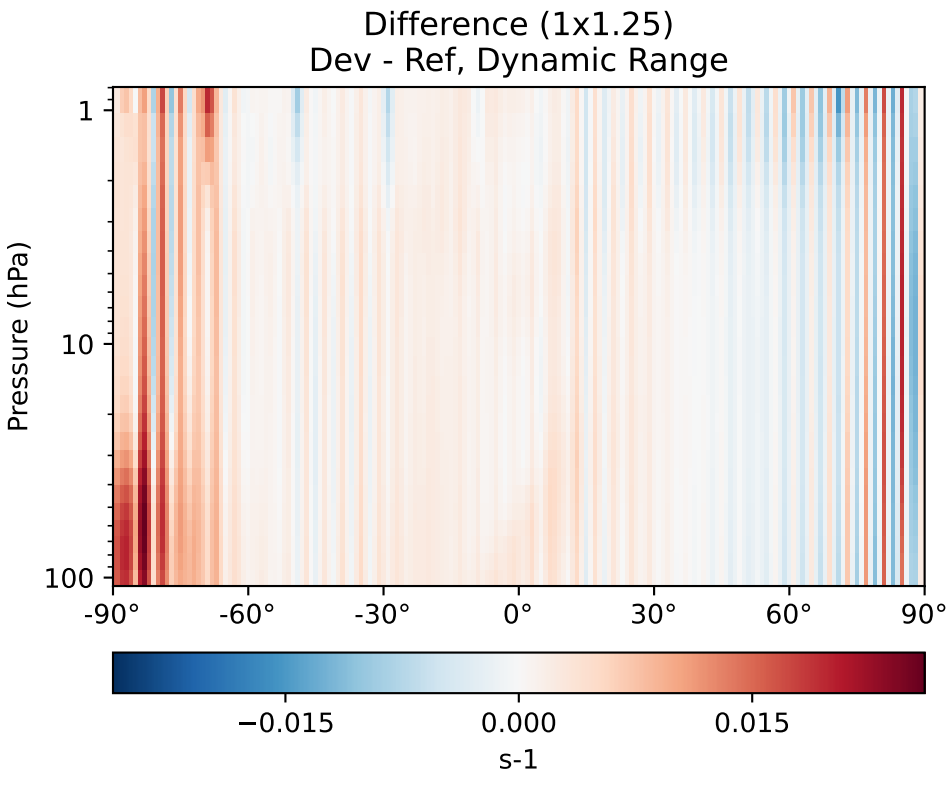
Ratio (1x1.25)
Dev/Ref, Fixed Range

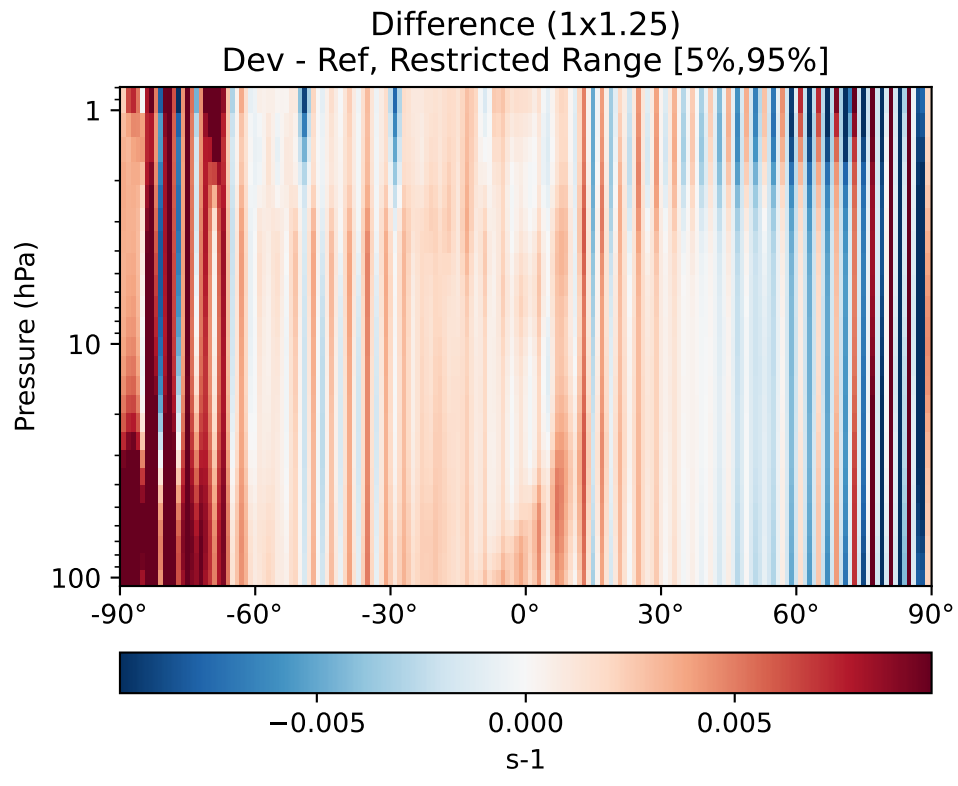


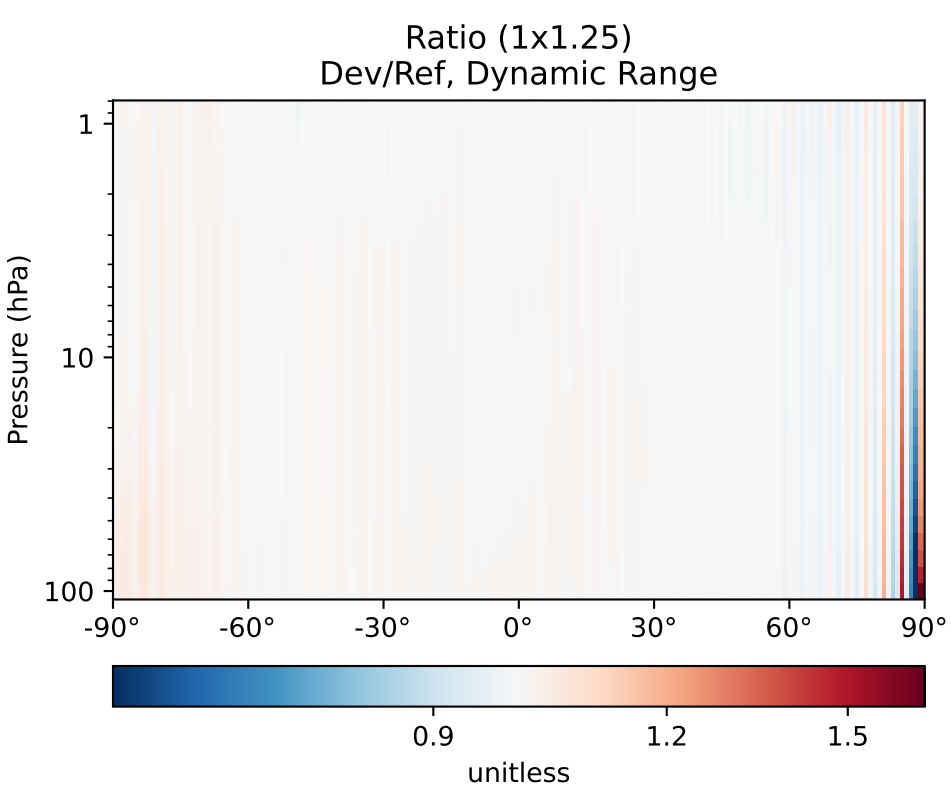
JvalO3O3P, Zonal Mean (Oct2019)

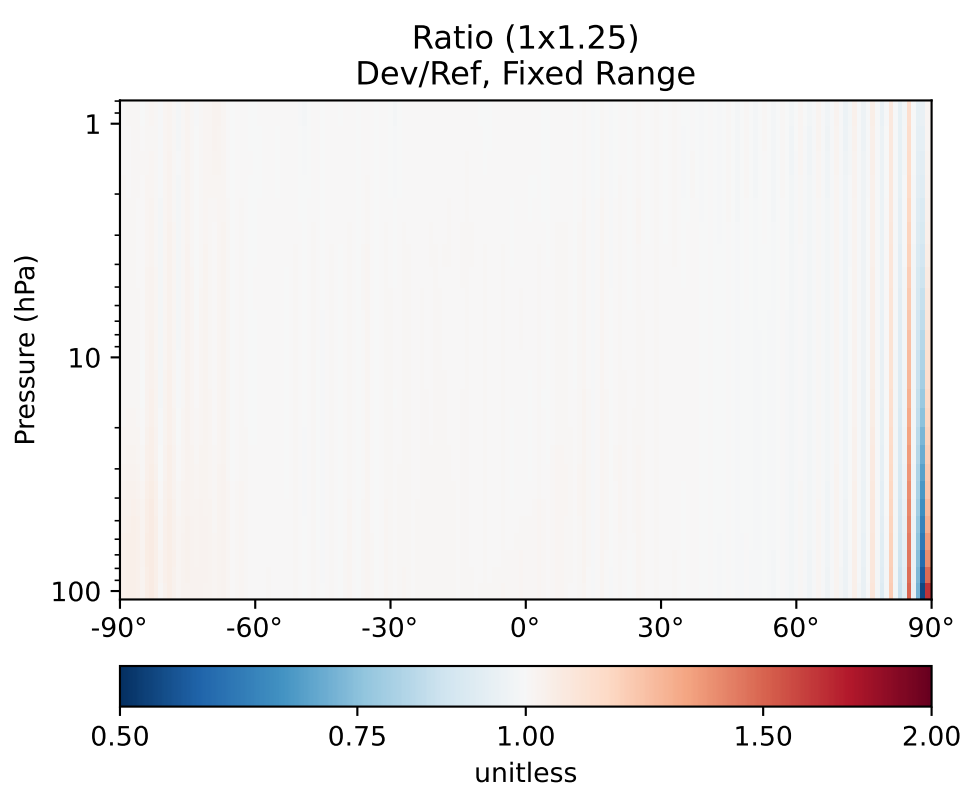




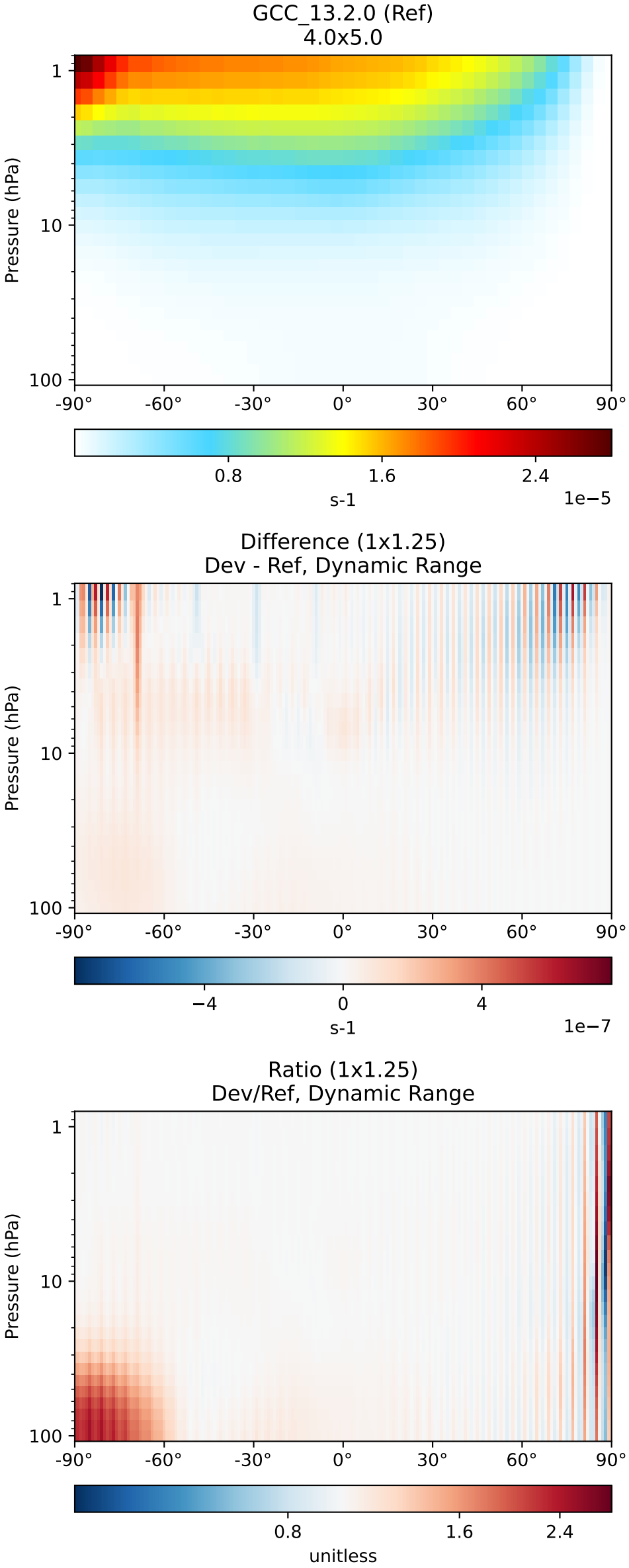


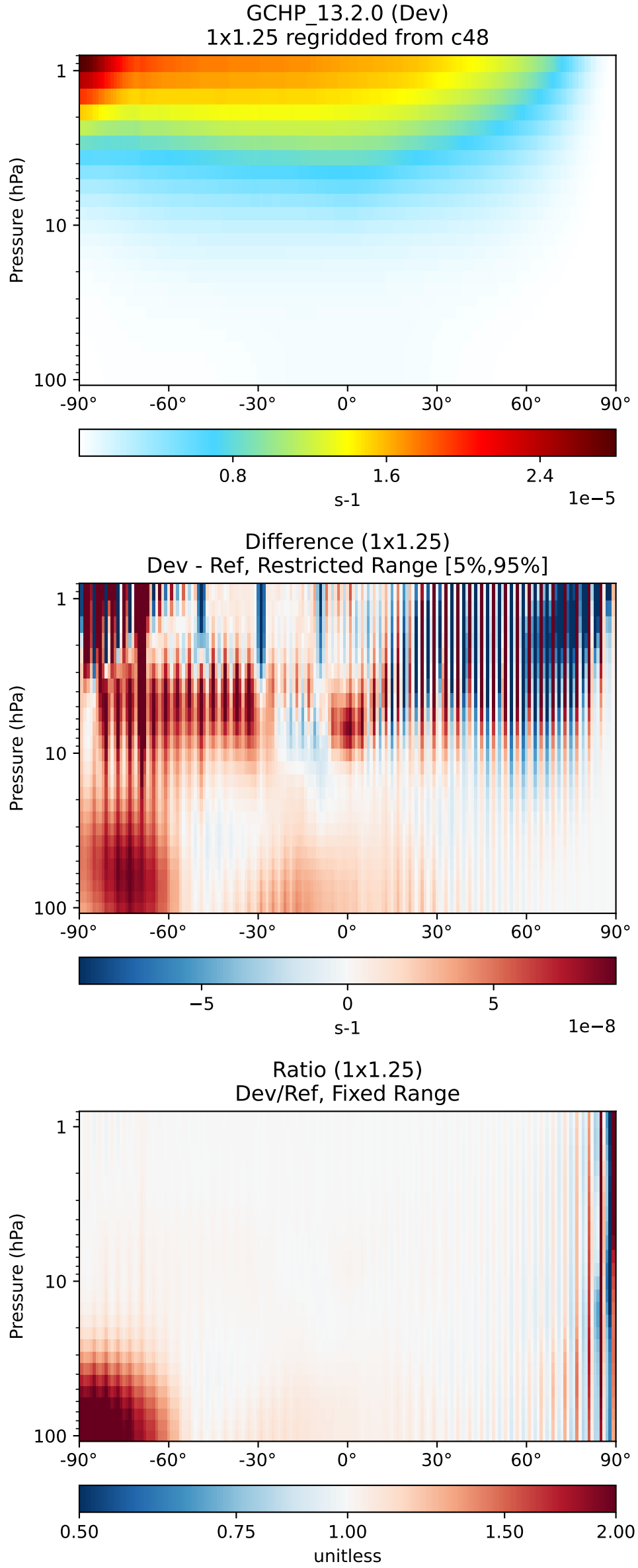




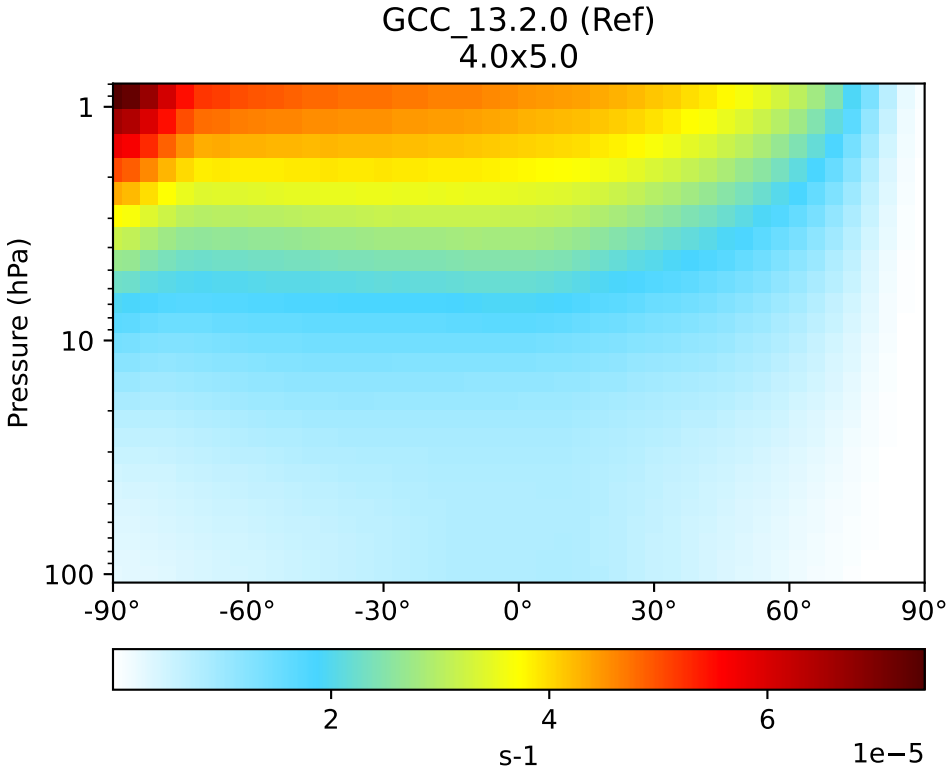


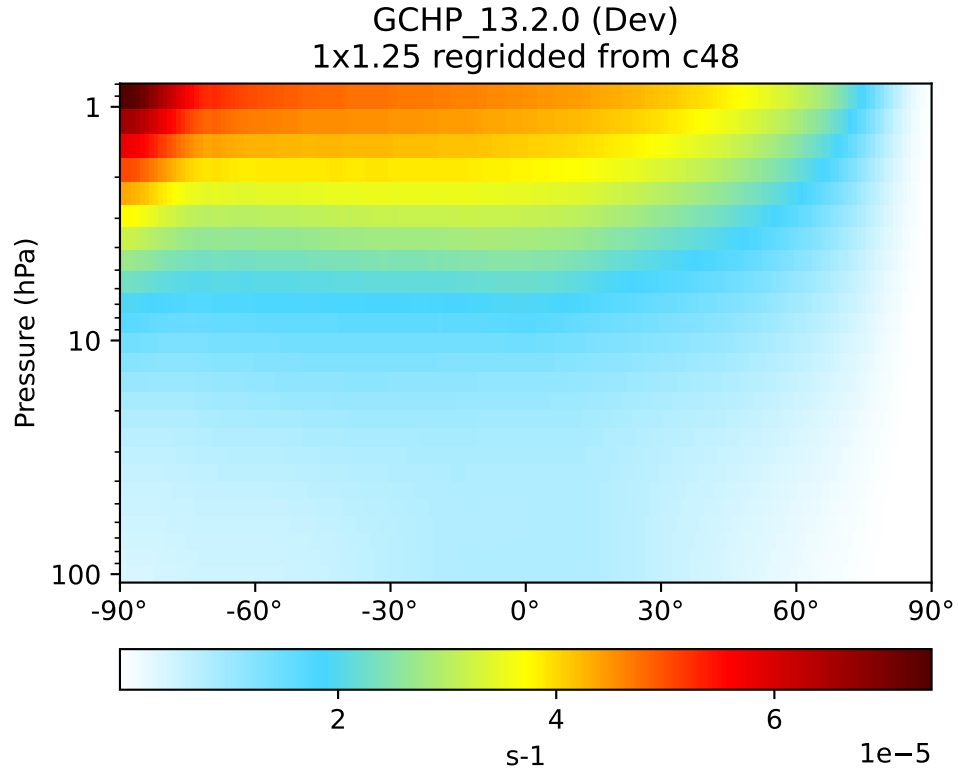
Jval_ACET, Zonal Mean (Oct2019)

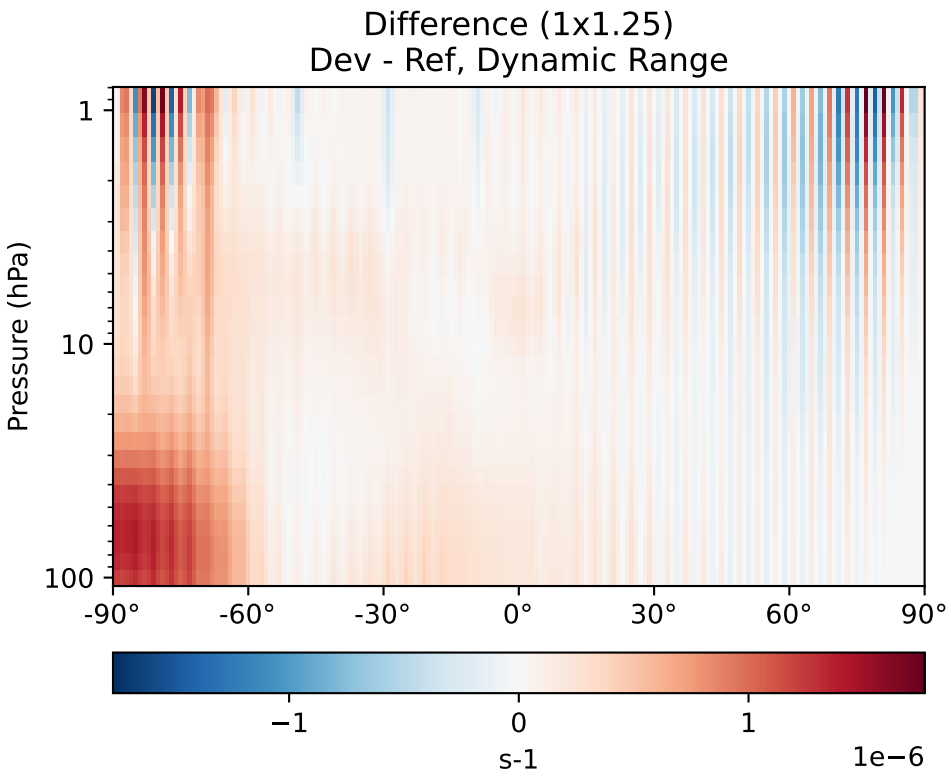


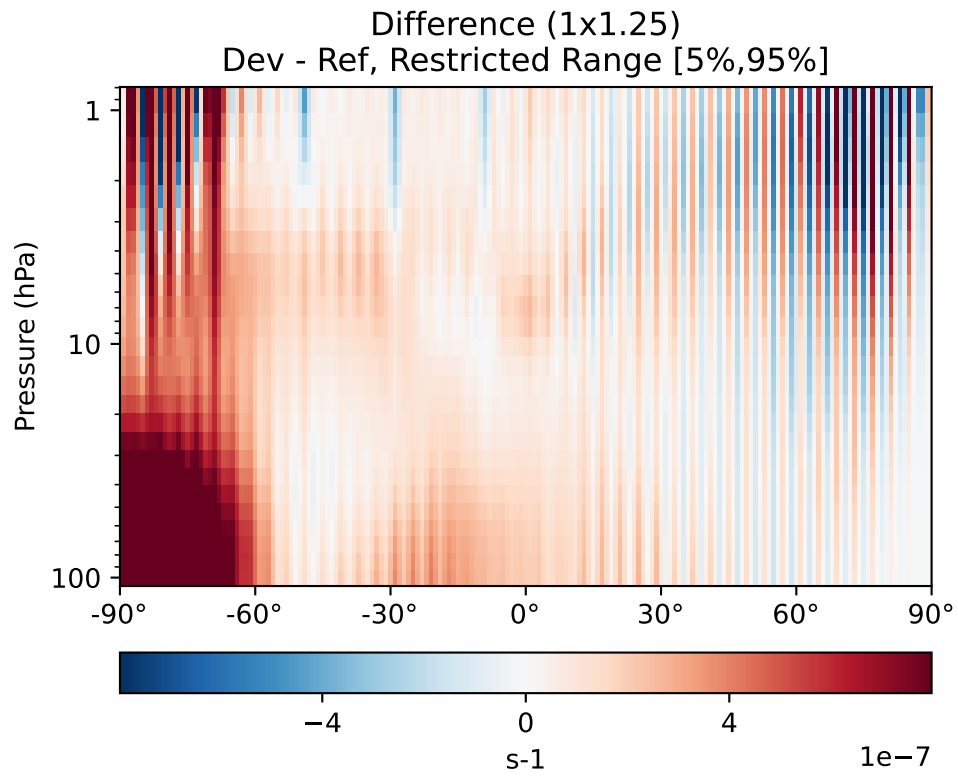


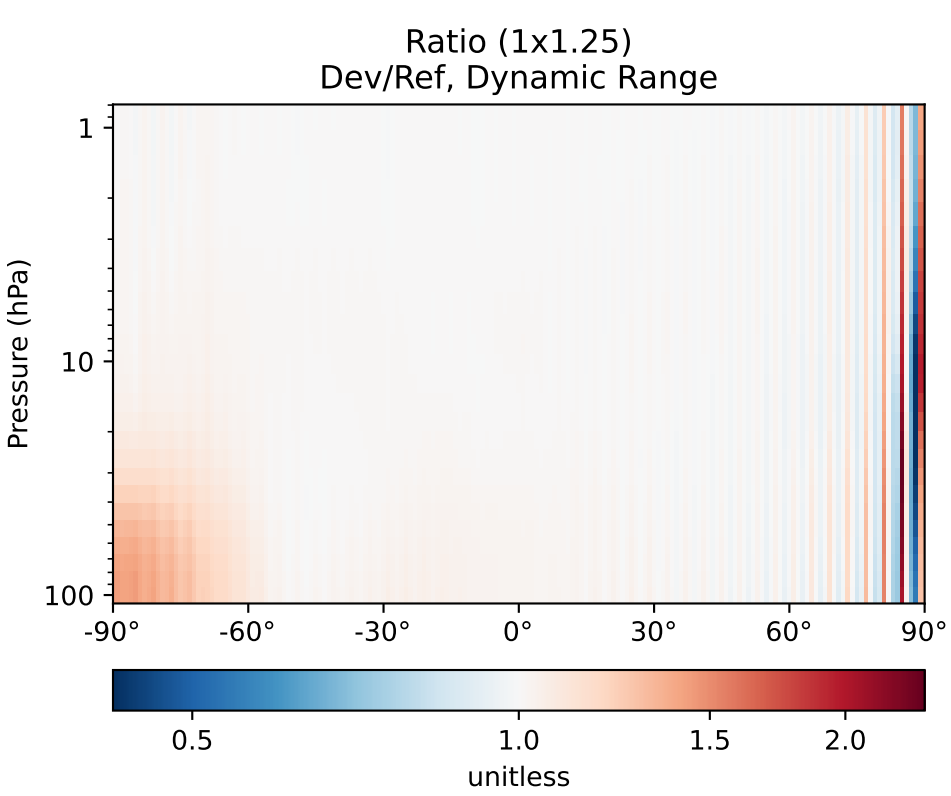
Jval_ALD2, Zonal Mean (Oct2019)

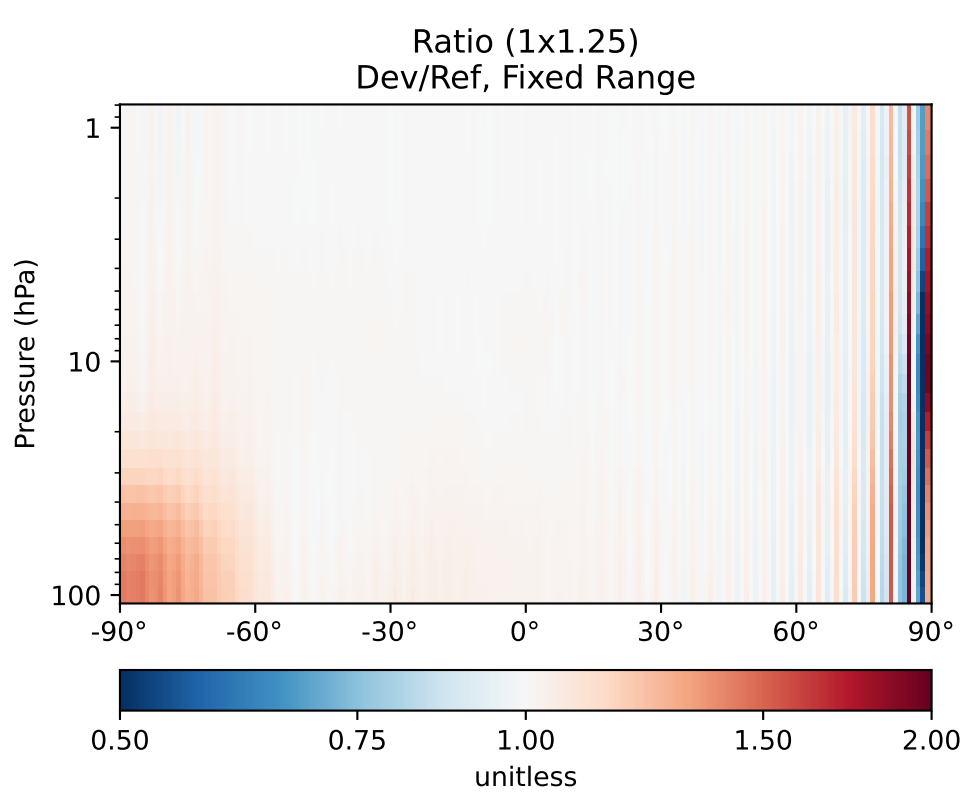




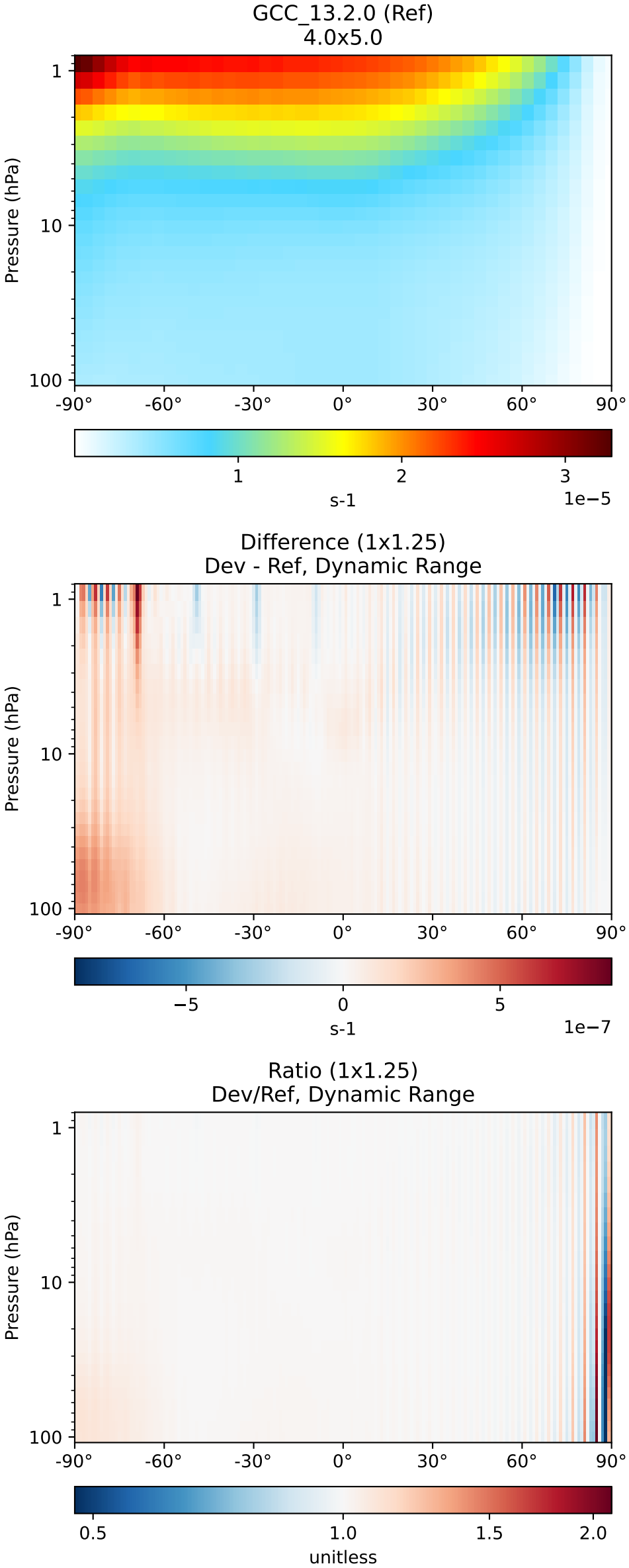


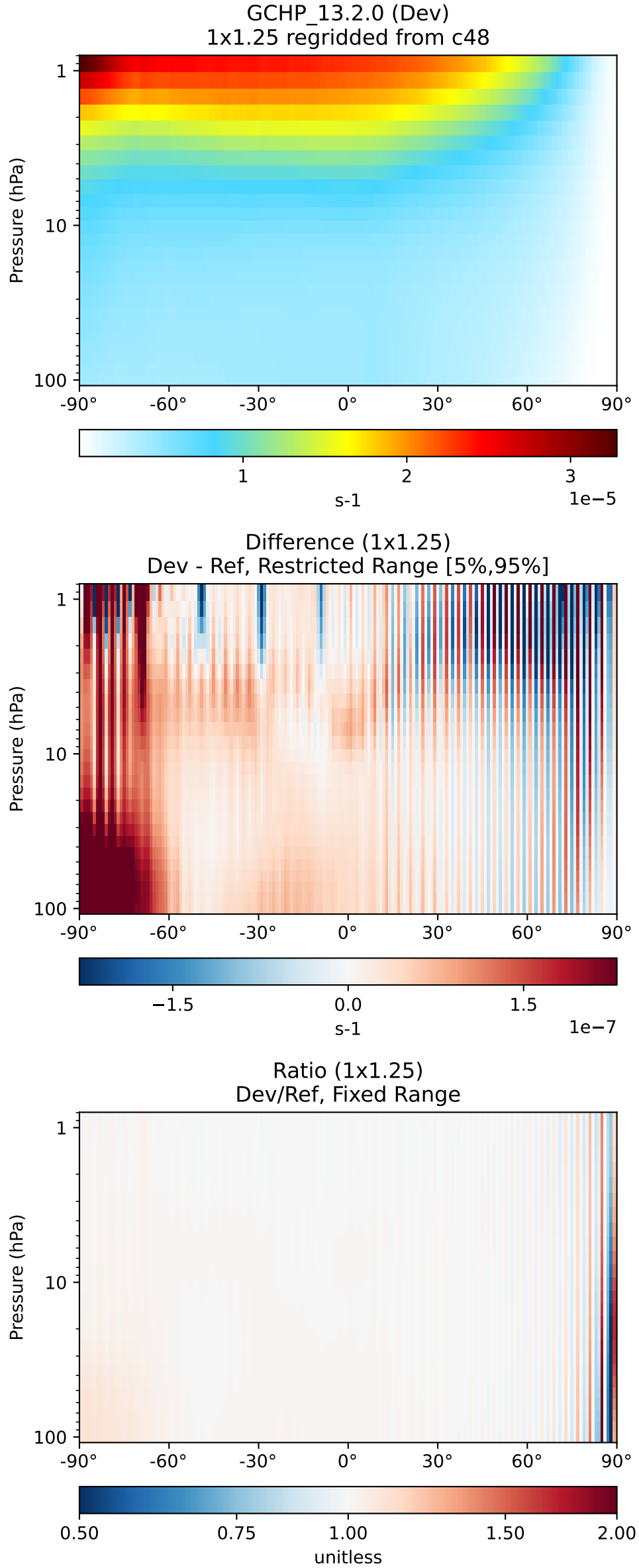




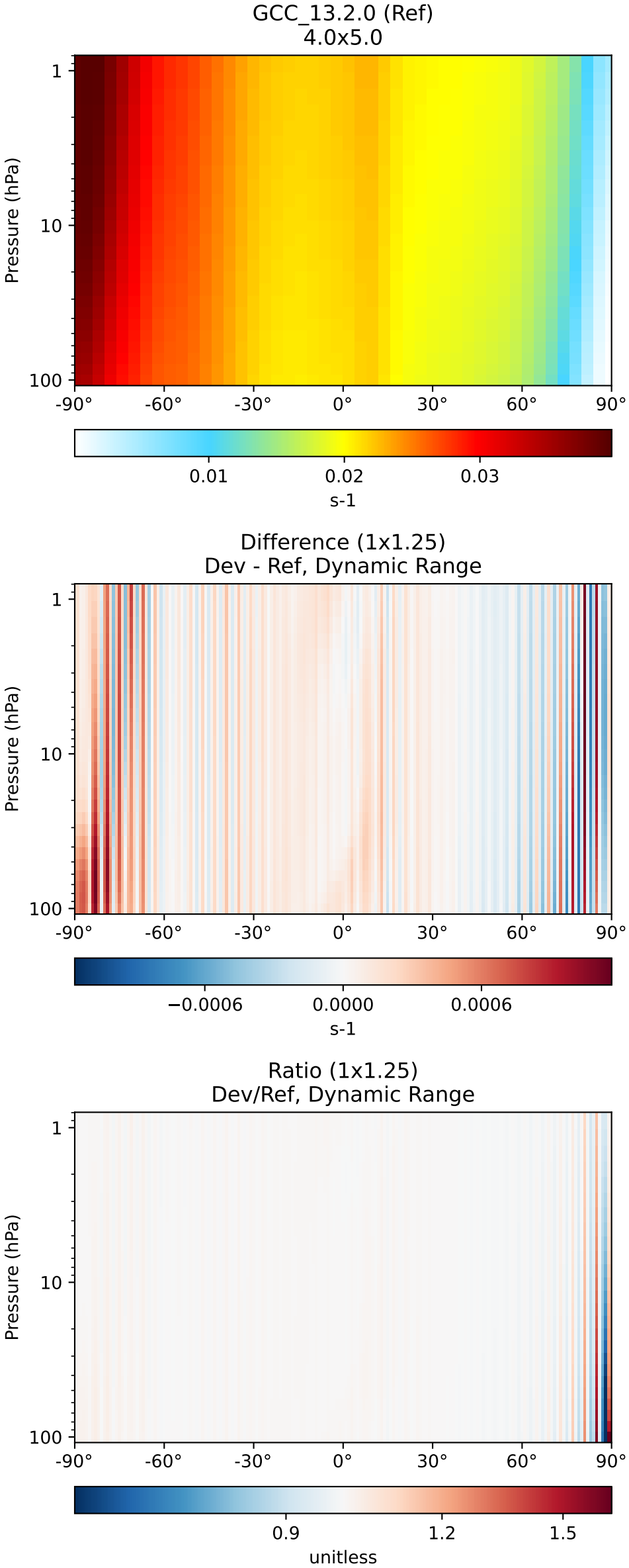


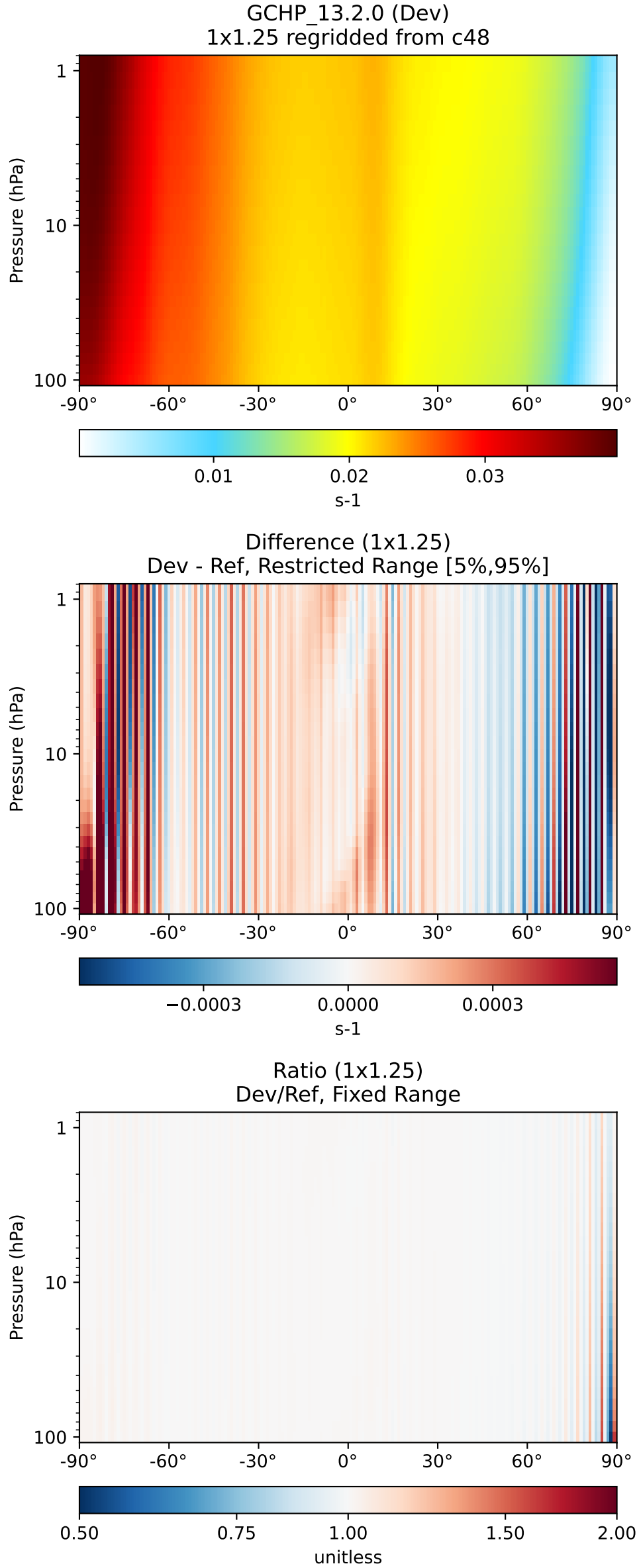
Jval_ATOOH, Zonal Mean (Oct2019)



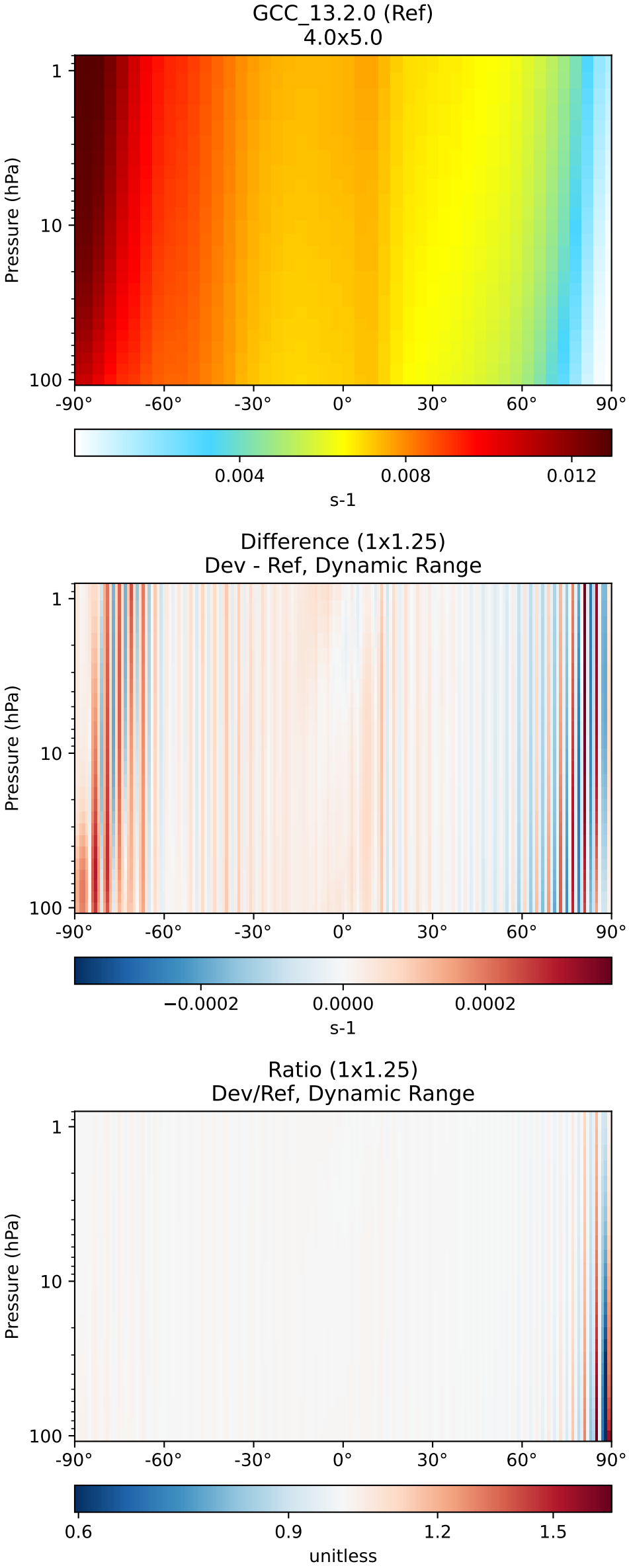


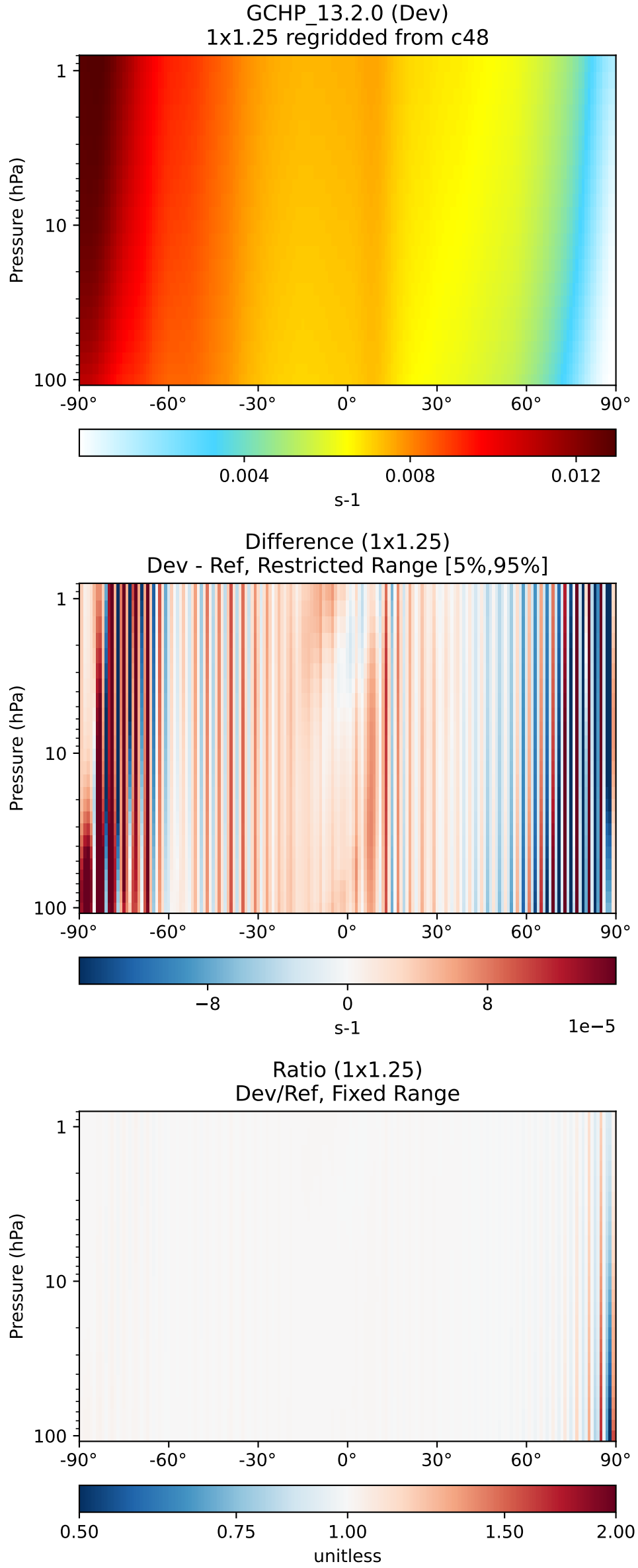
Jval_Br2, Zonal Mean (Oct2019)



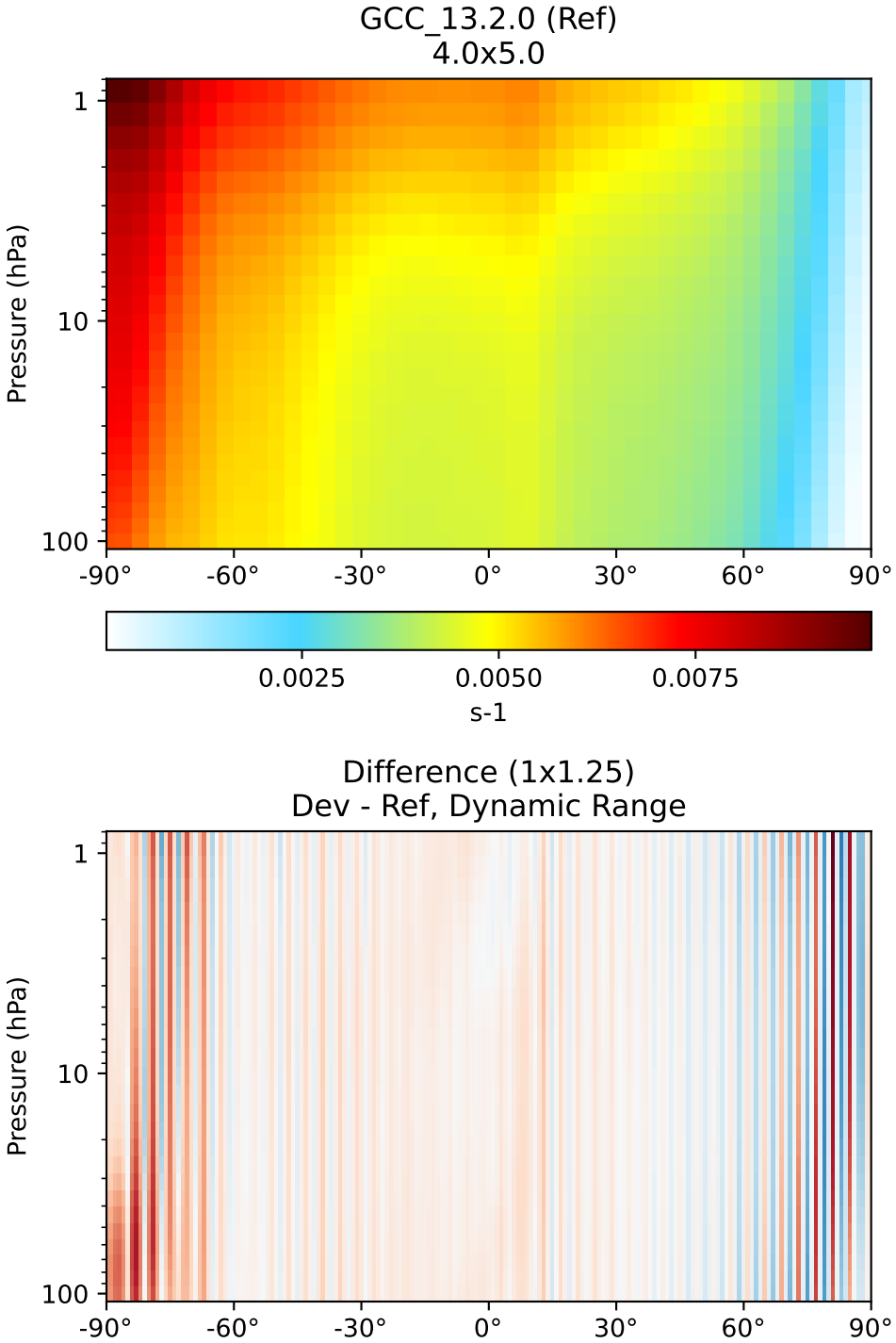


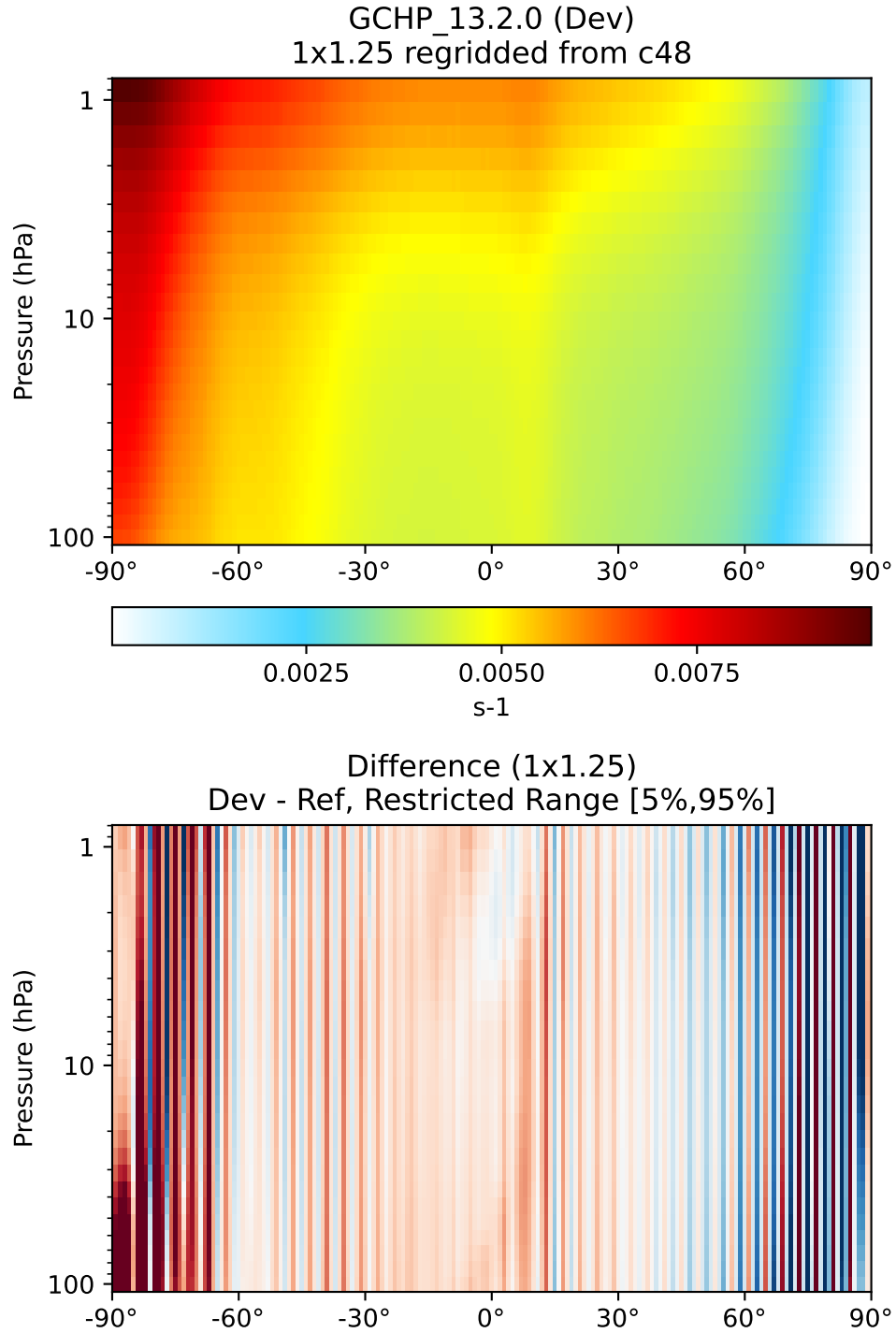
Jval_BrCl, Zonal Mean (Oct2019)

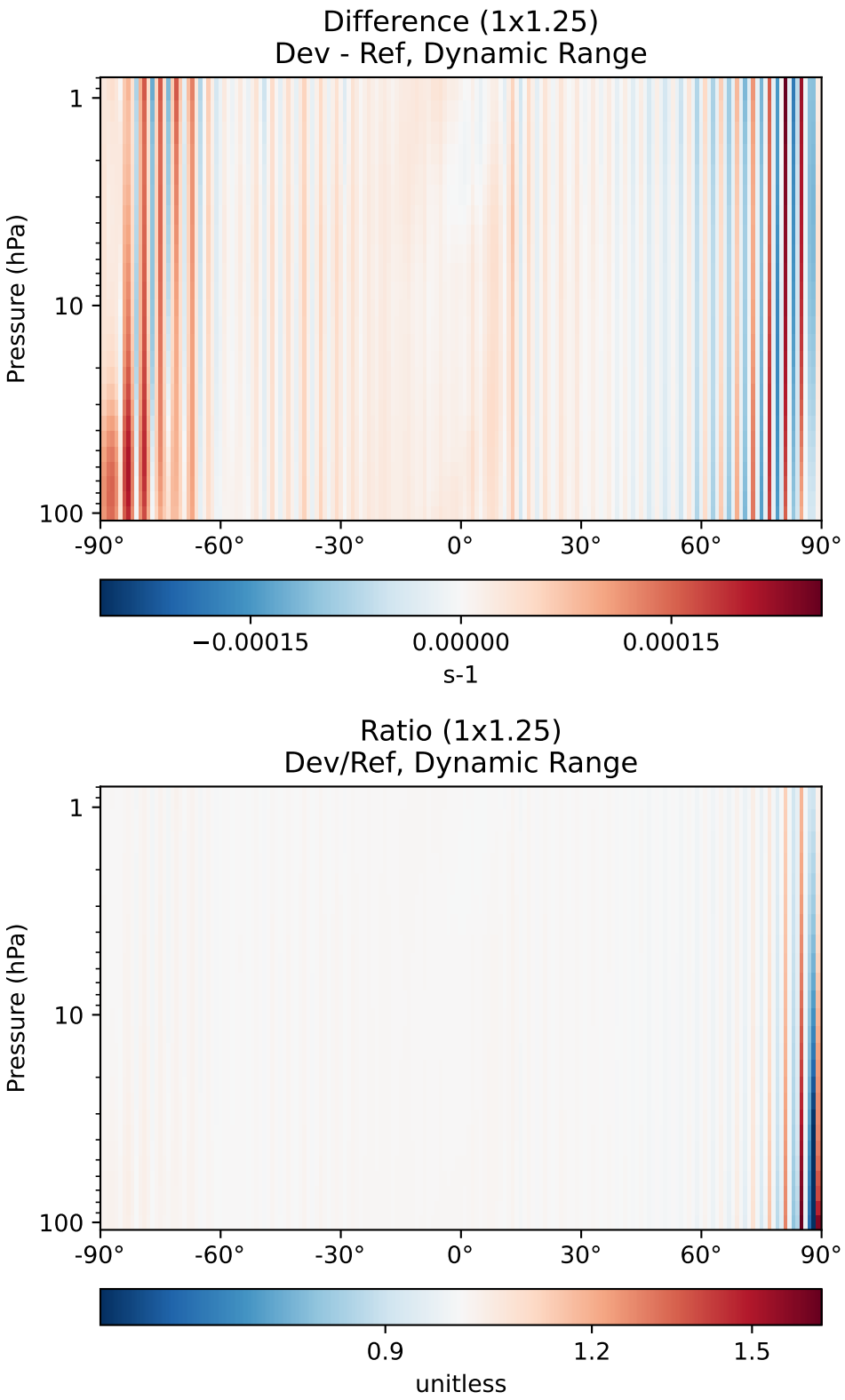


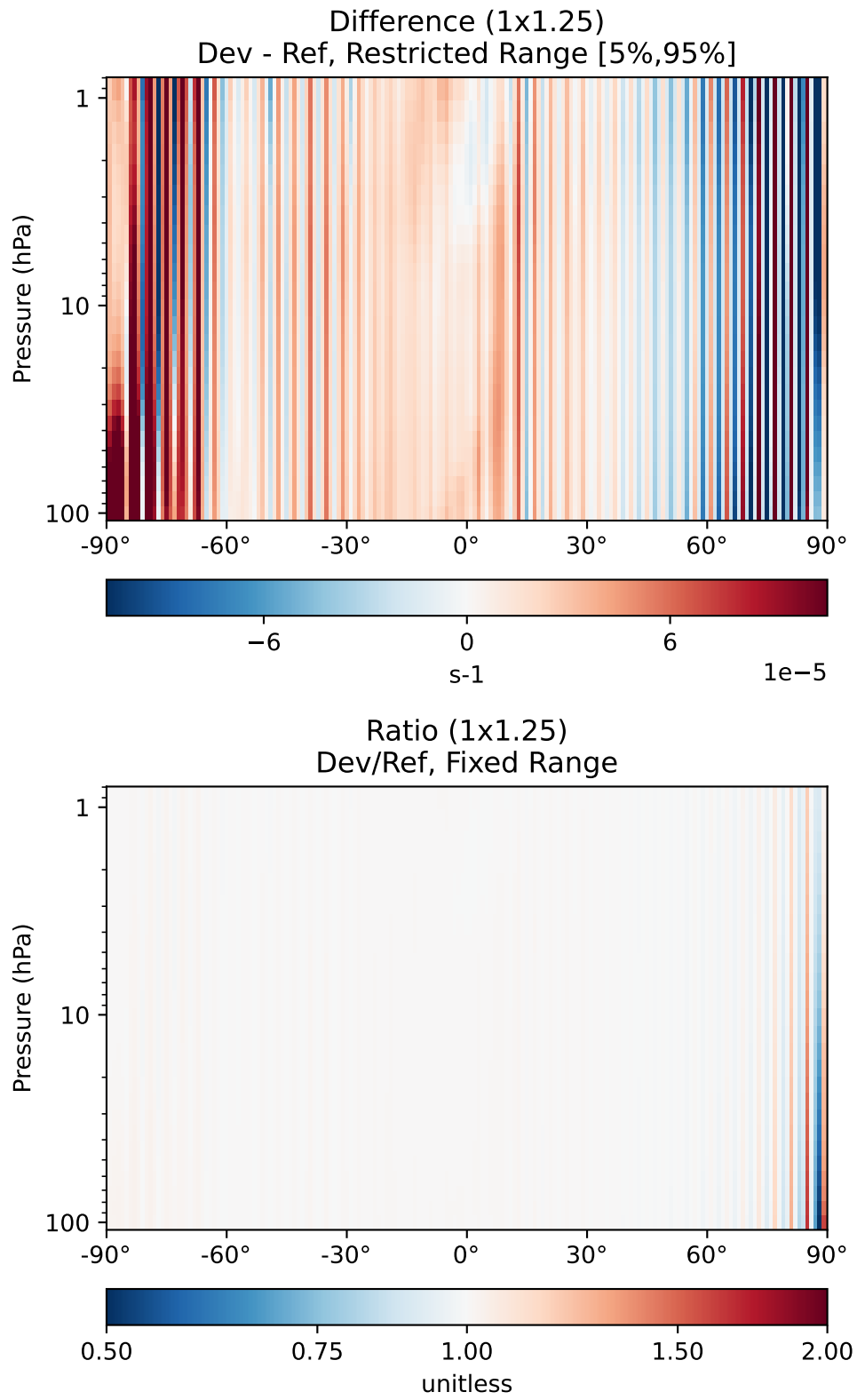


Jval_BrNO2, Zonal Mean (Oct2019)

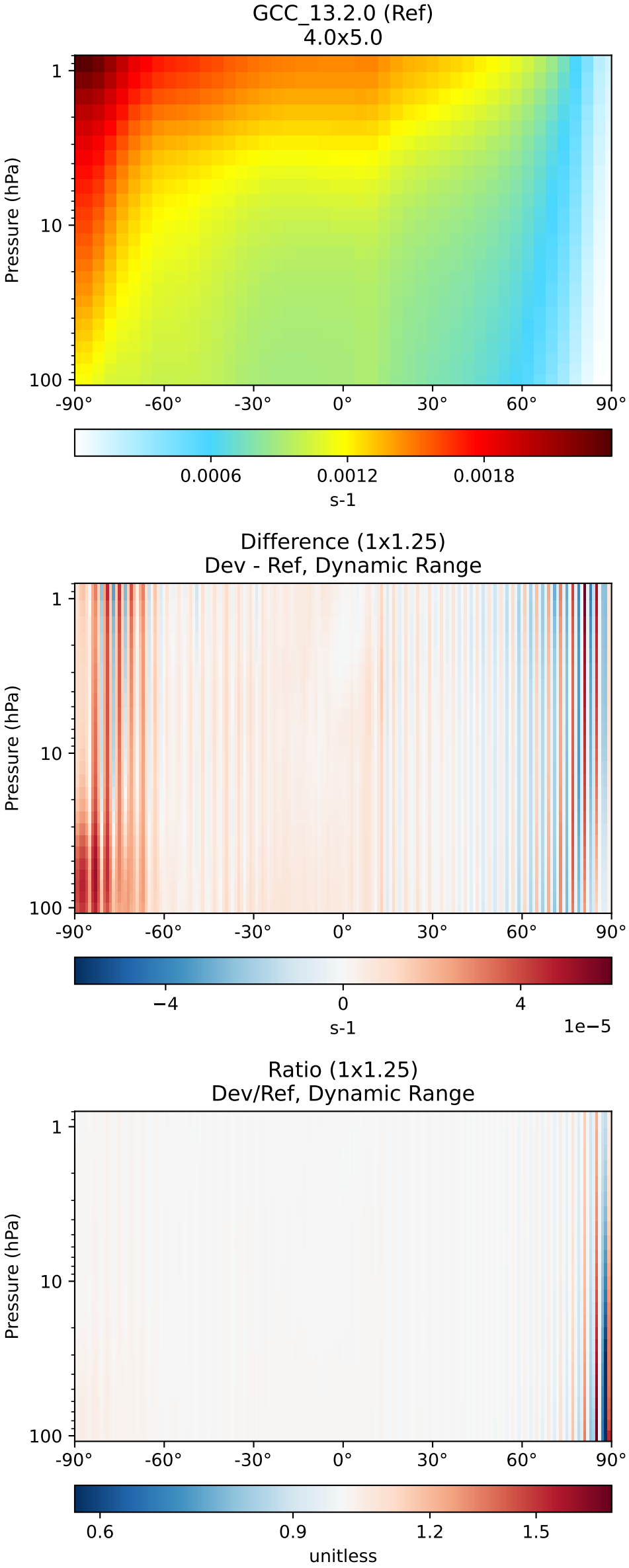


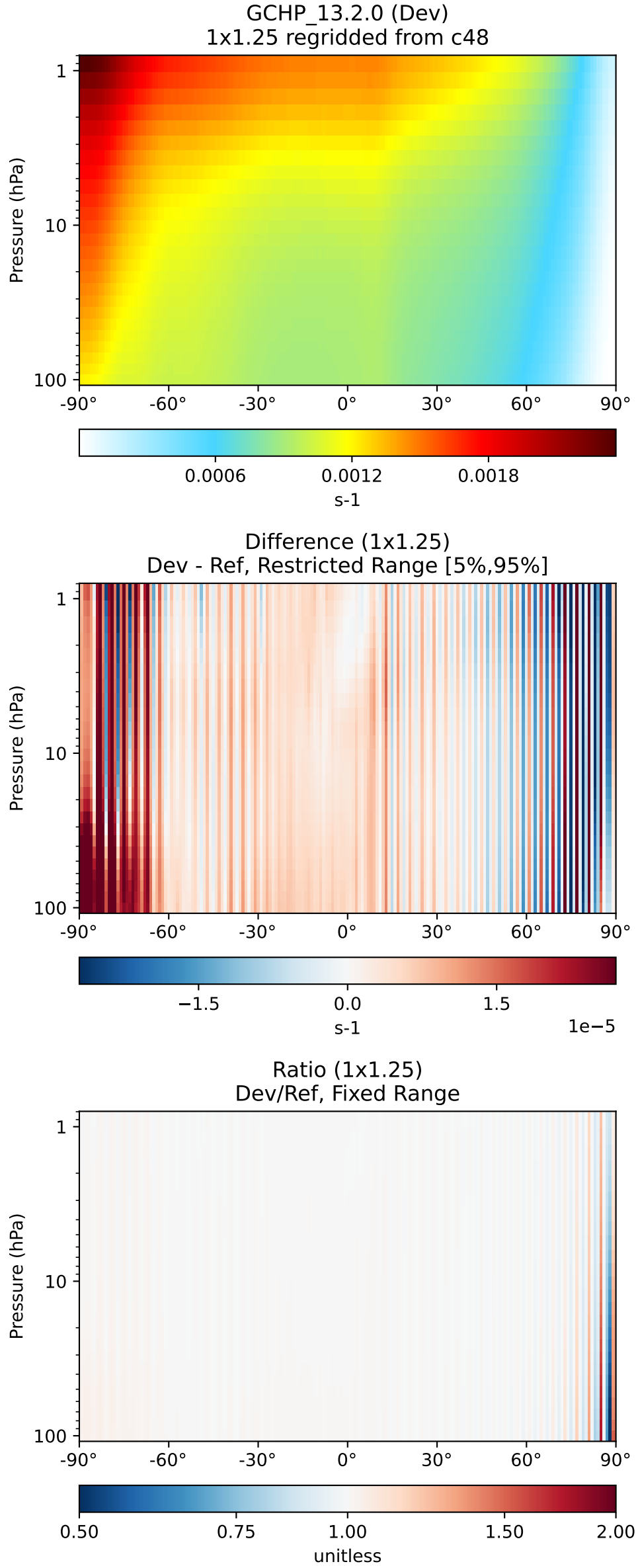




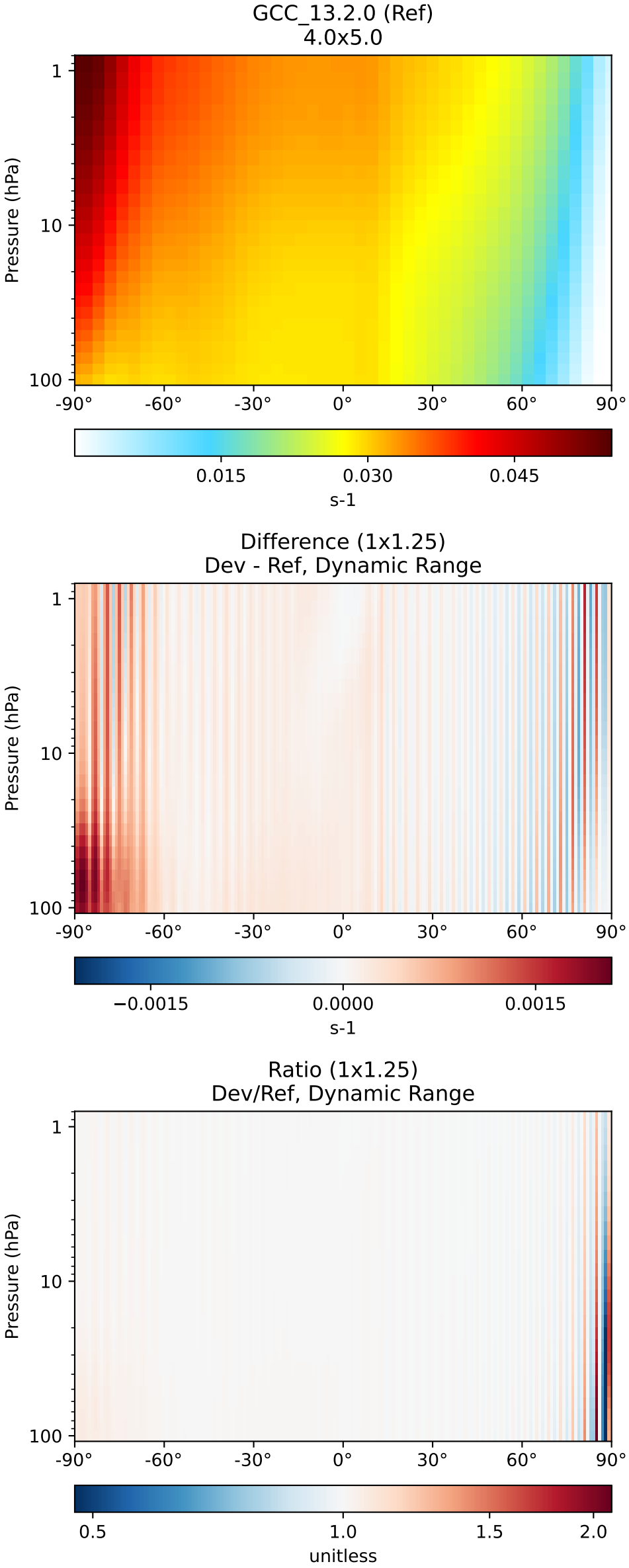


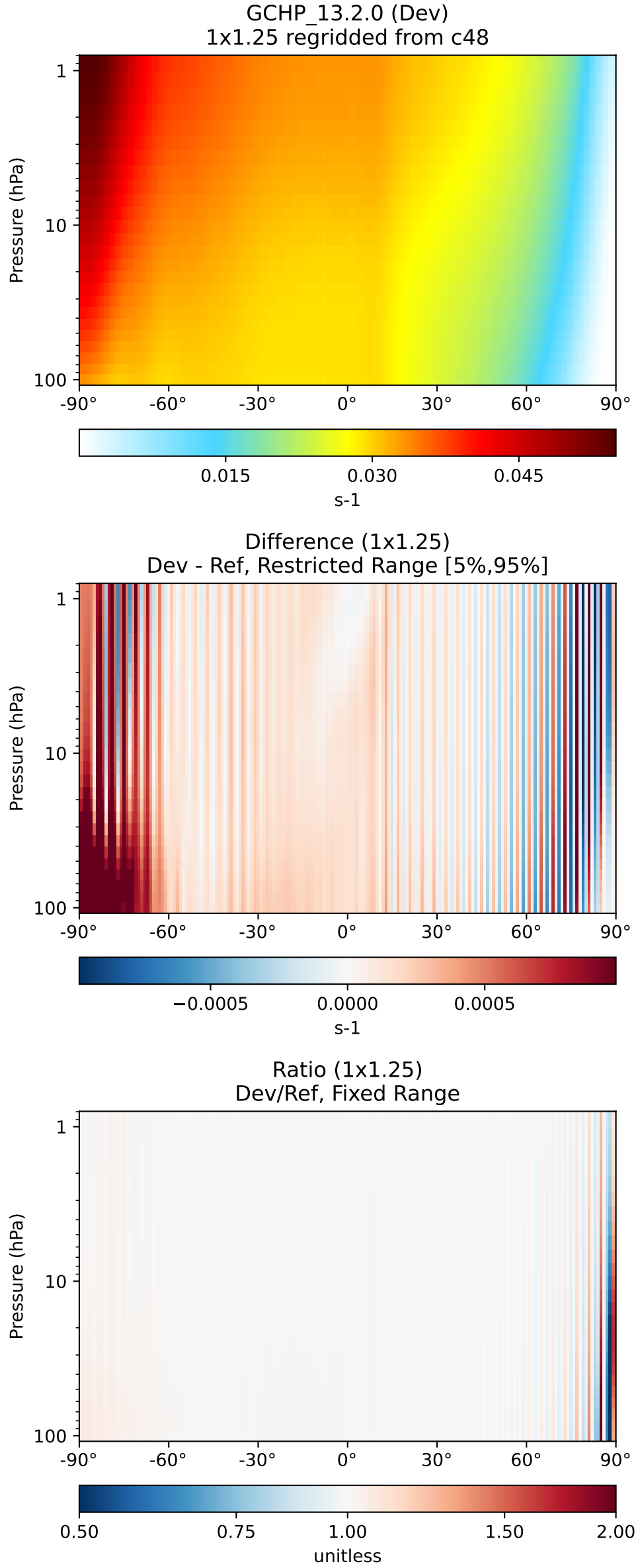
Jval_BrNO3, Zonal Mean (Oct2019)



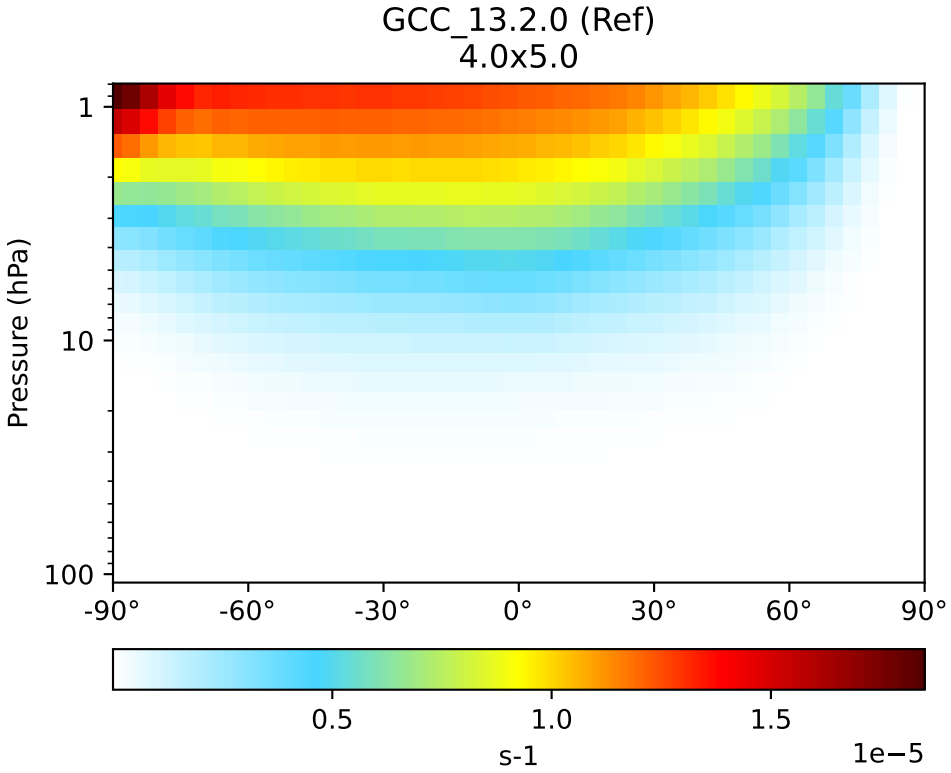


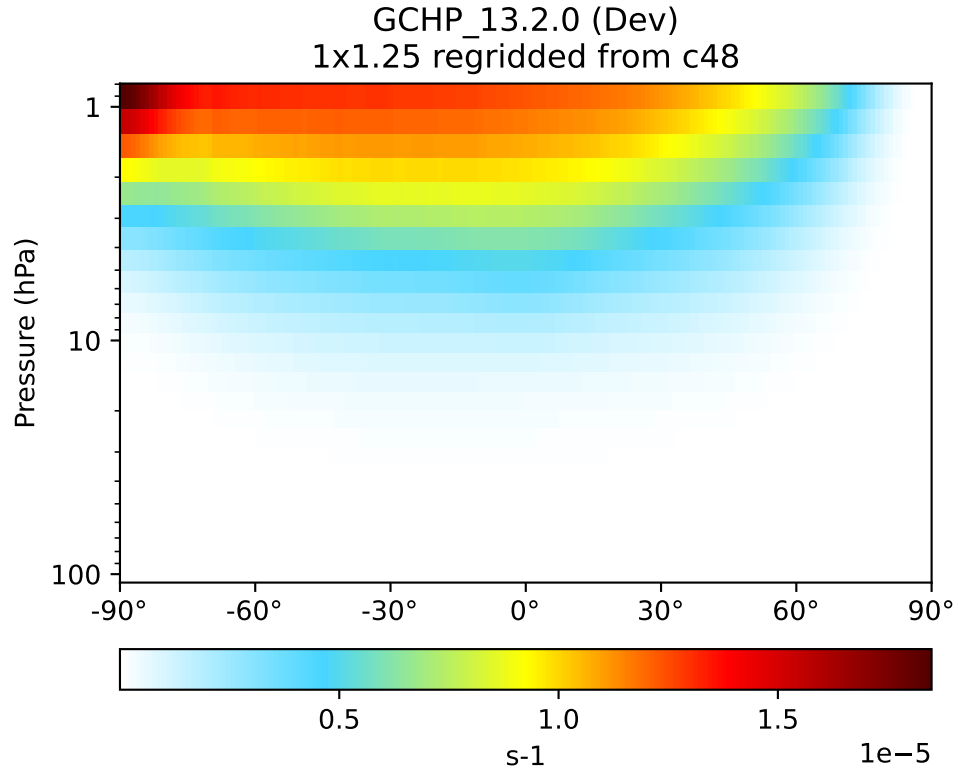
Jval_BrO, Zonal Mean (Oct2019)

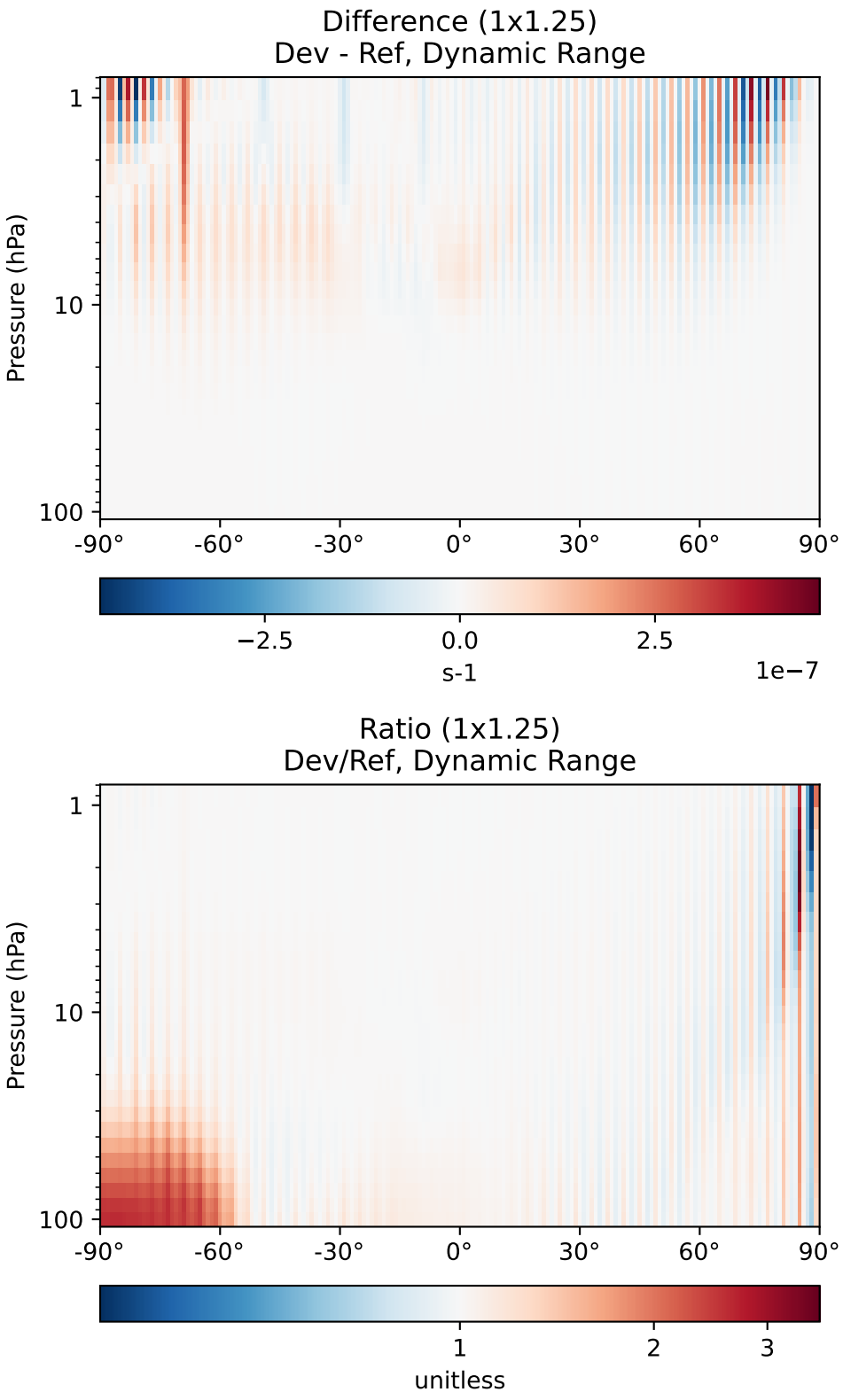


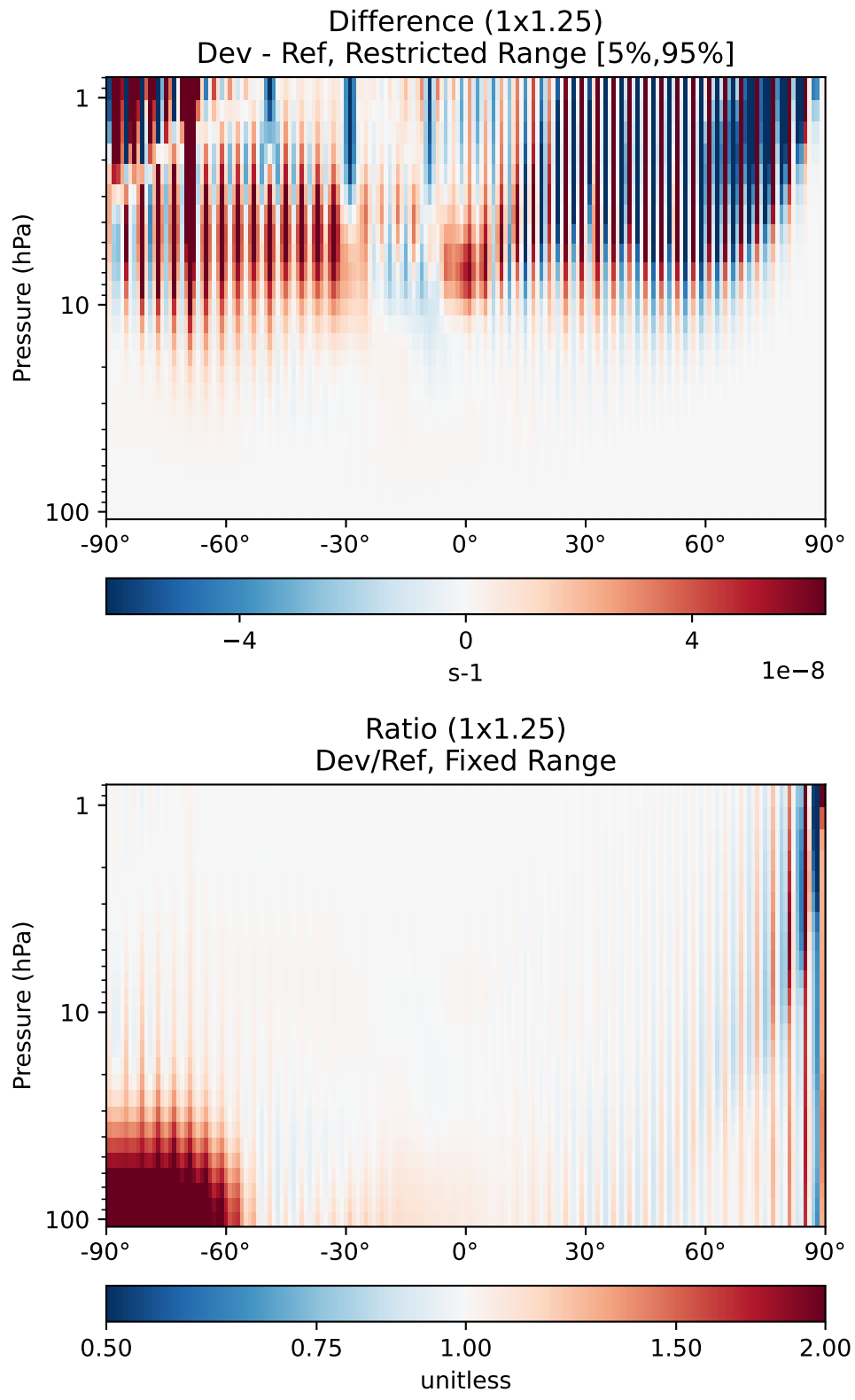


Jval_CCl4, Zonal Mean (Oct2019)

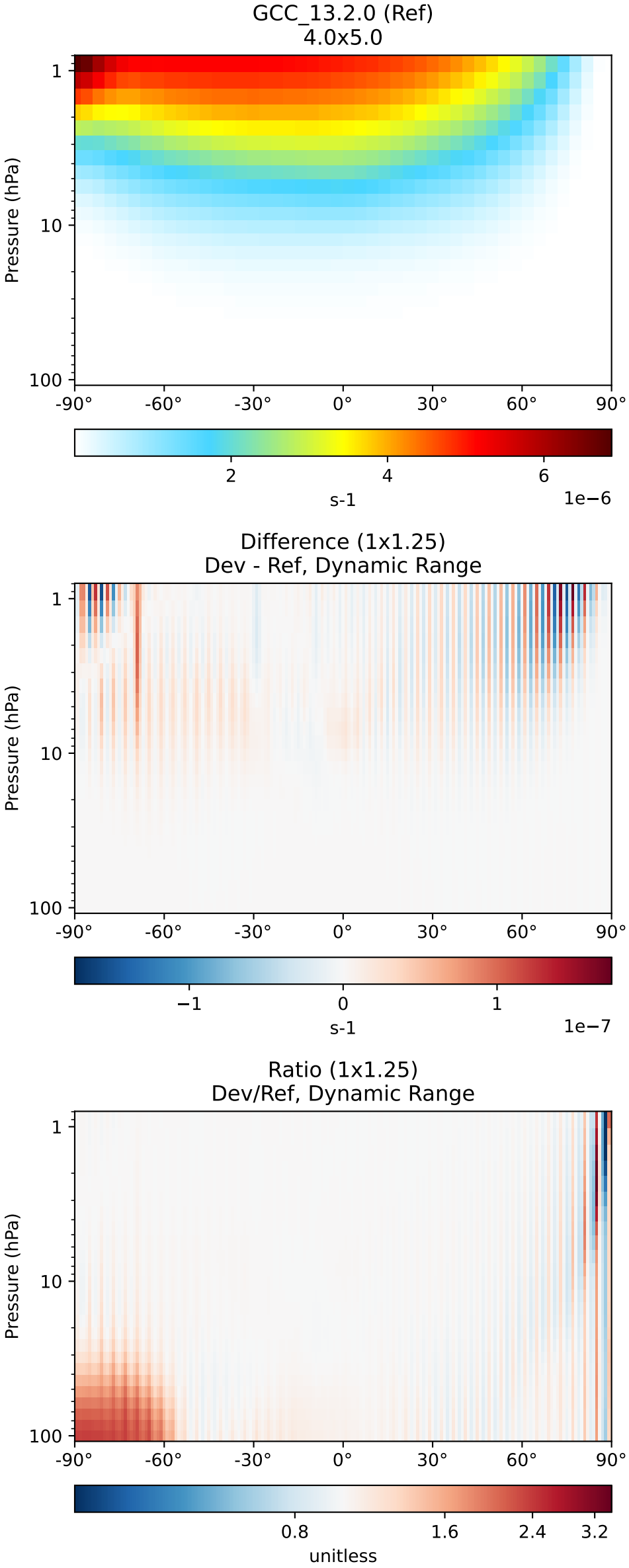


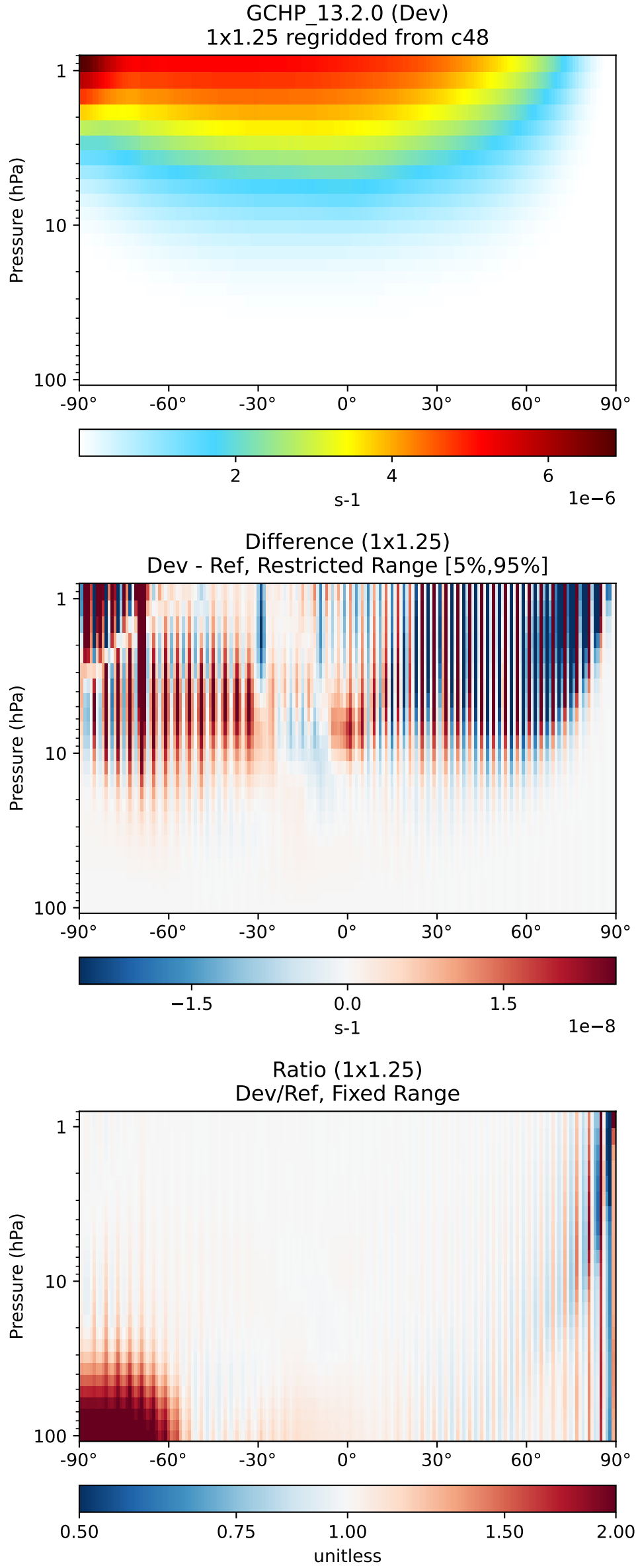




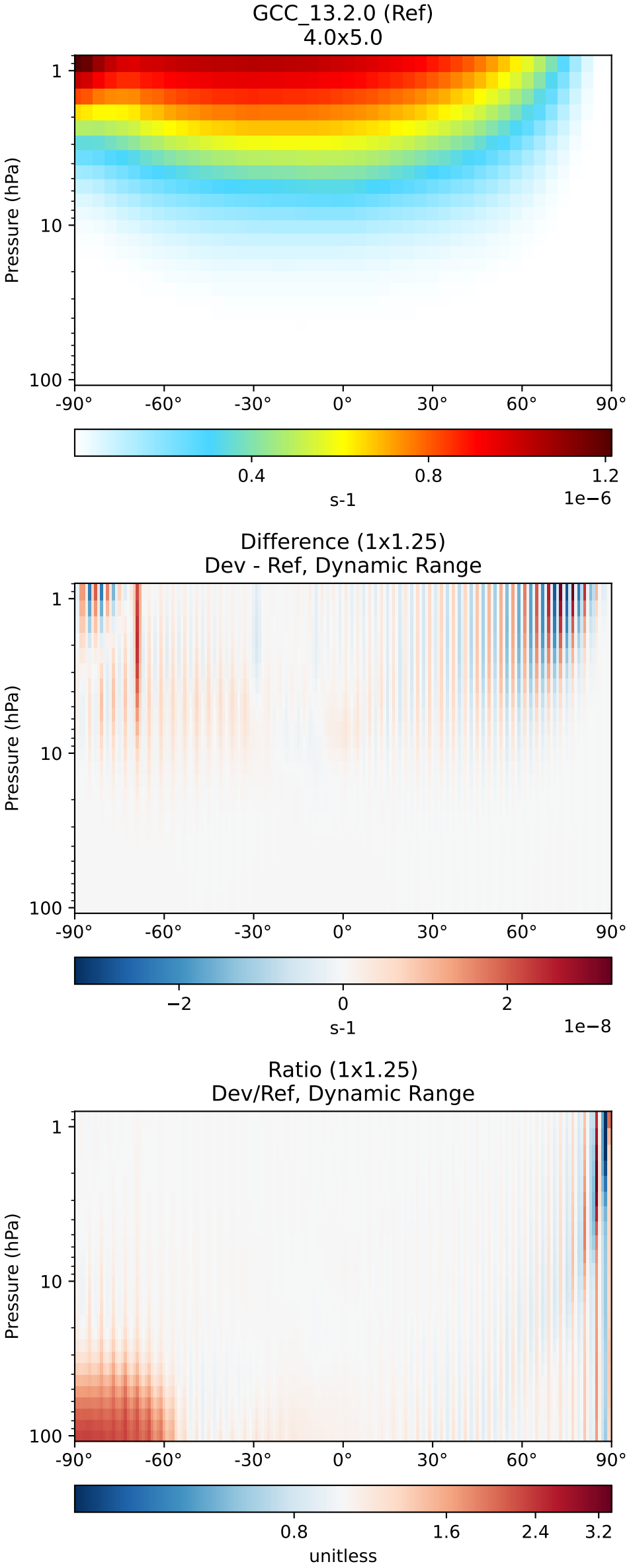


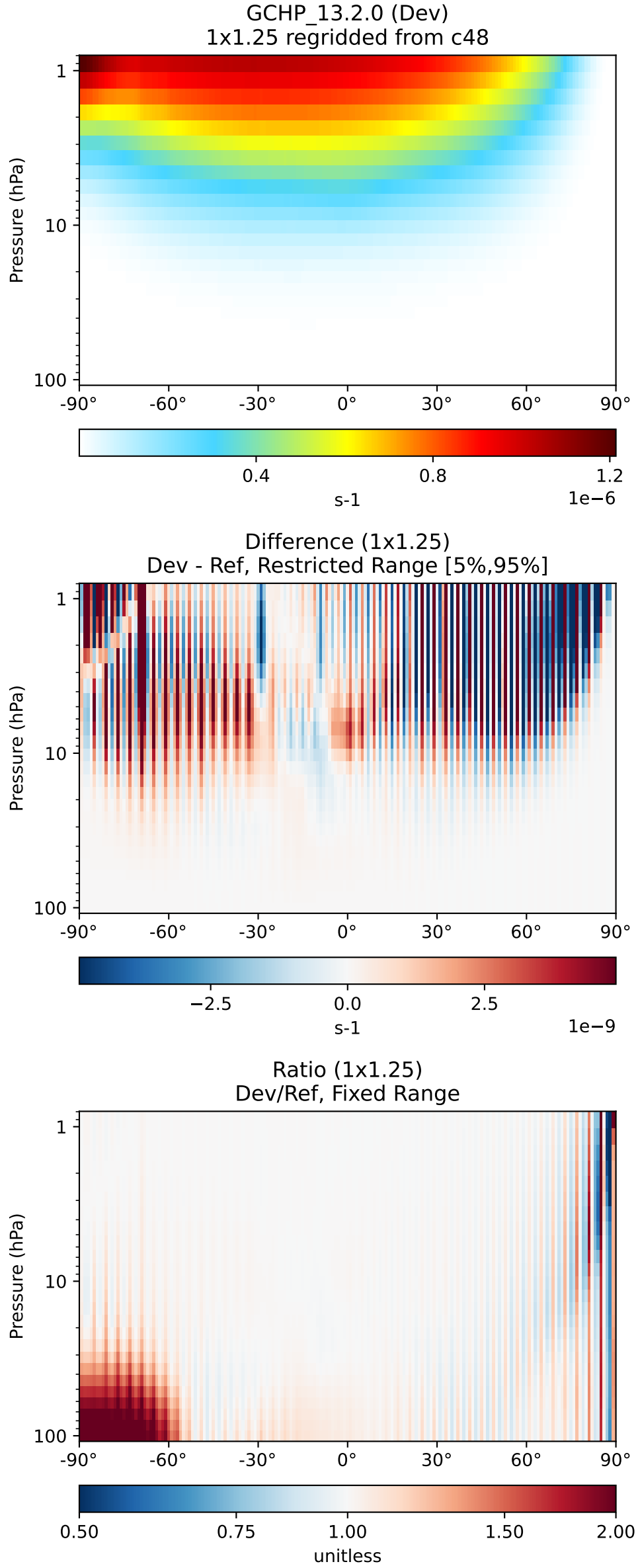
Jval_CFC11, Zonal Mean (Oct2019)



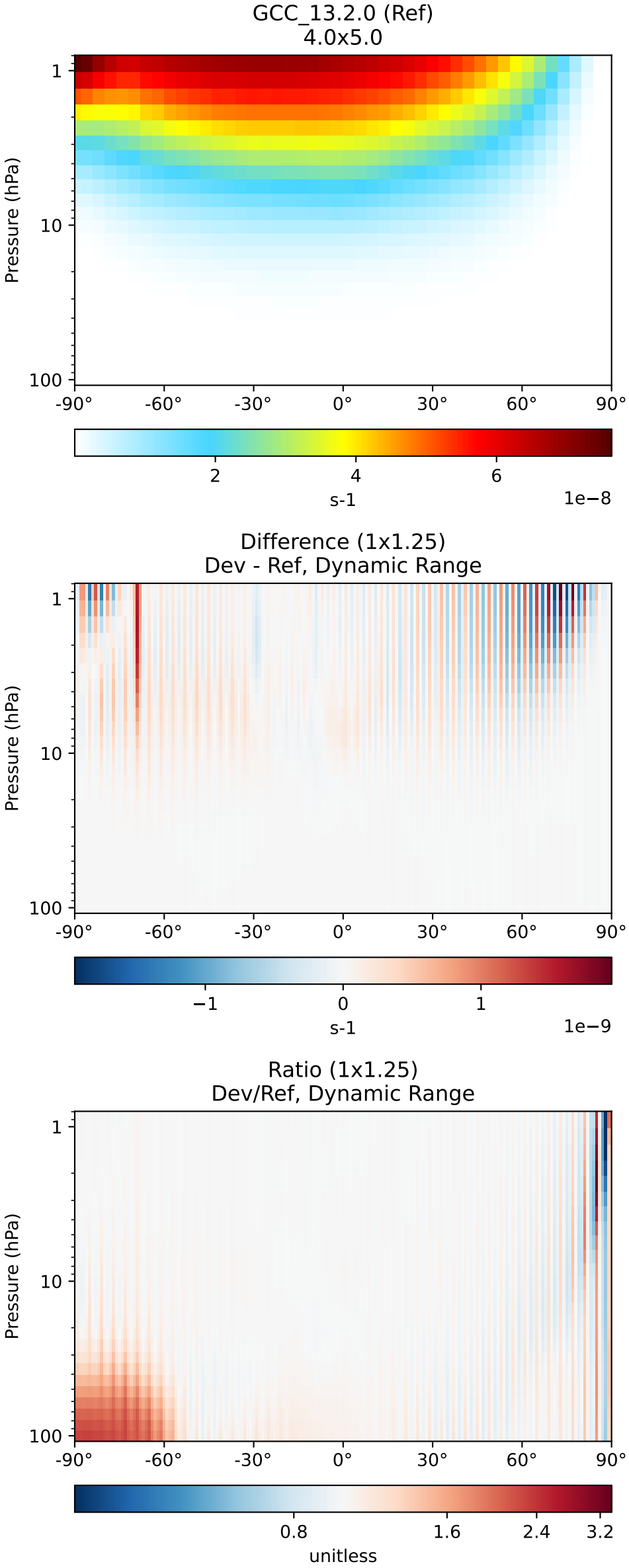


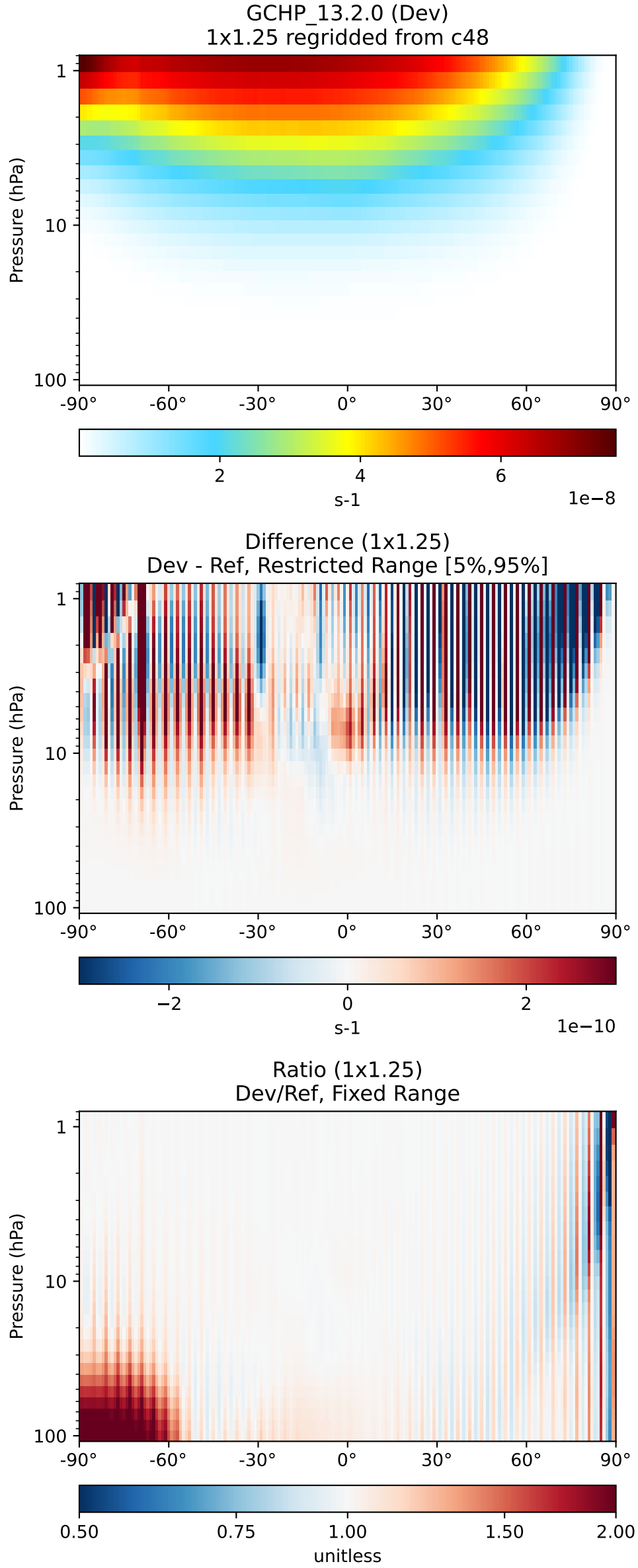
Jval_CFC113, Zonal Mean (Oct2019)



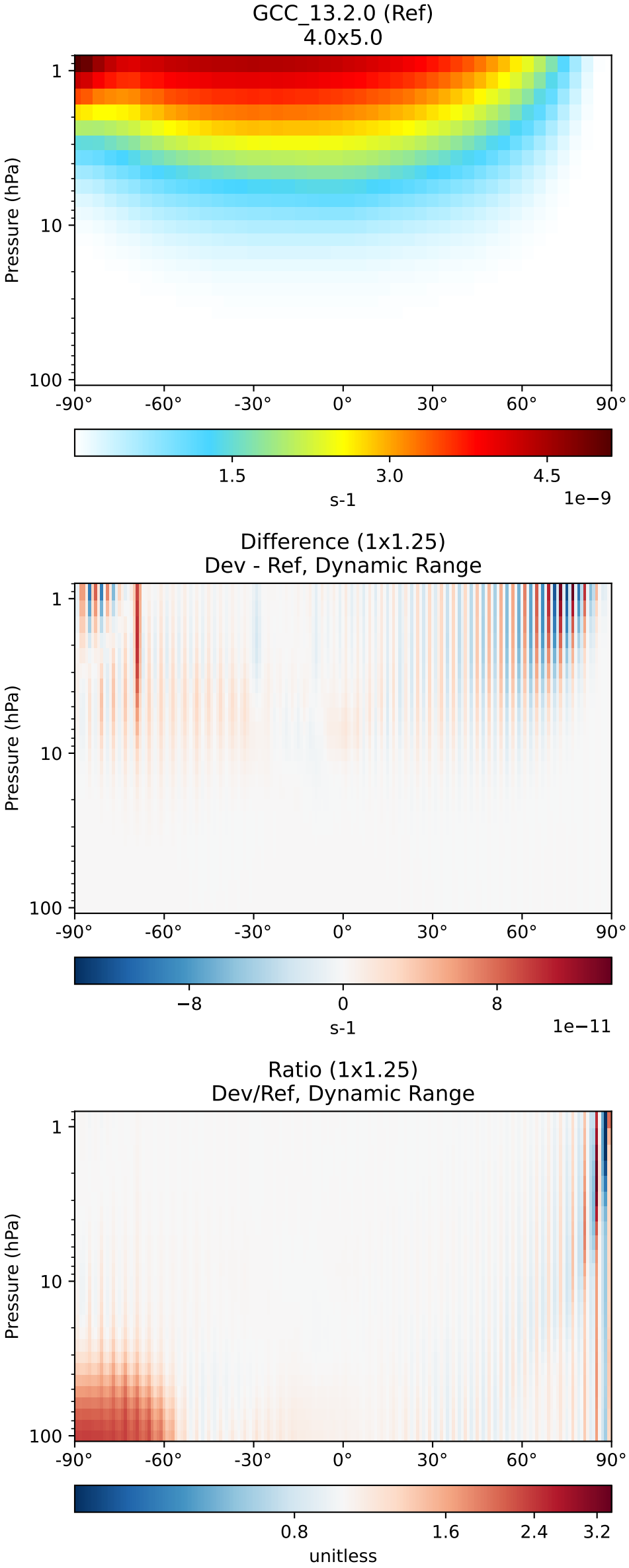


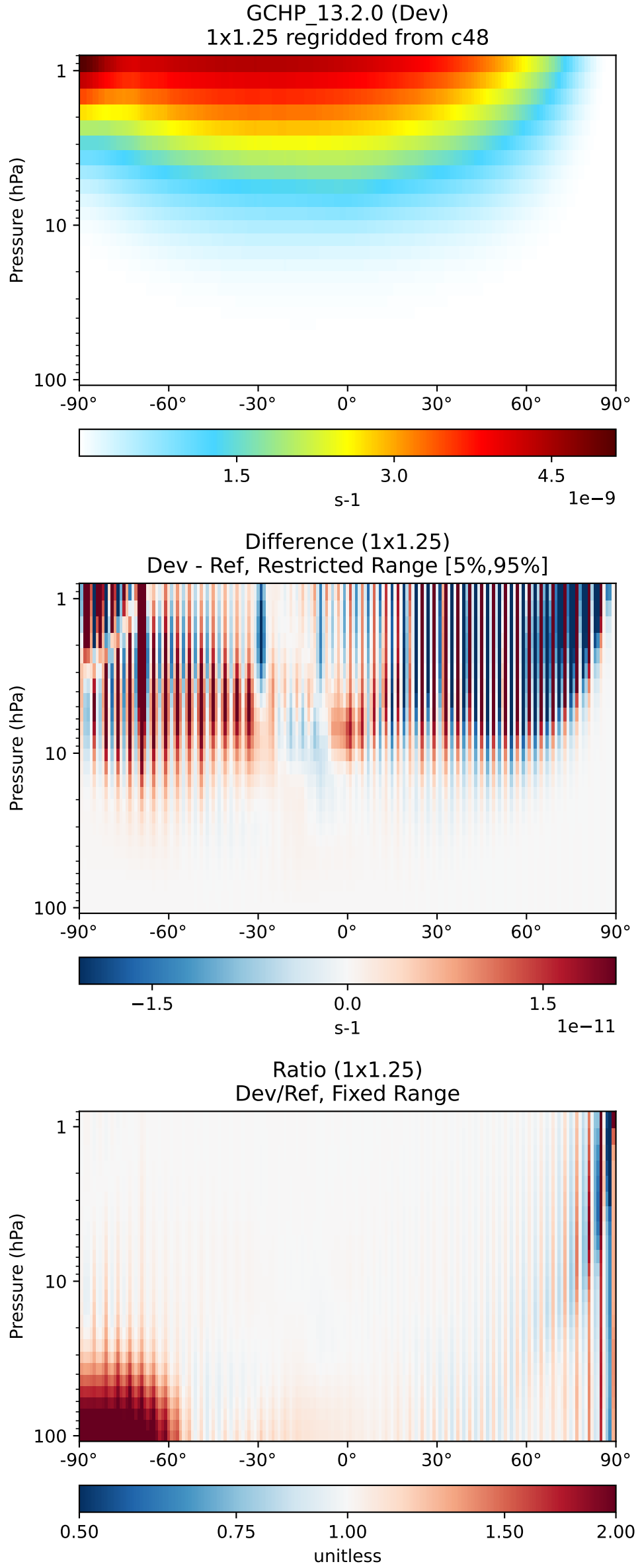
Jval_CFC114, Zonal Mean (Oct2019)



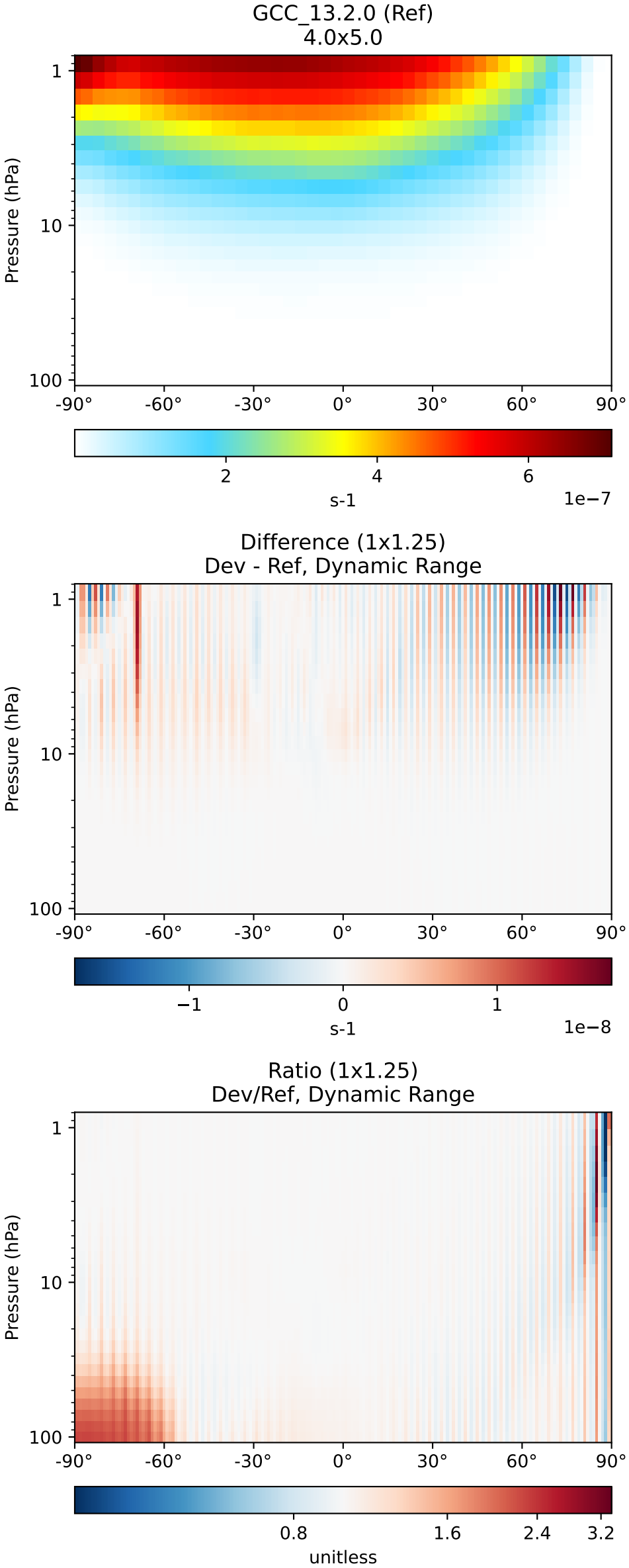


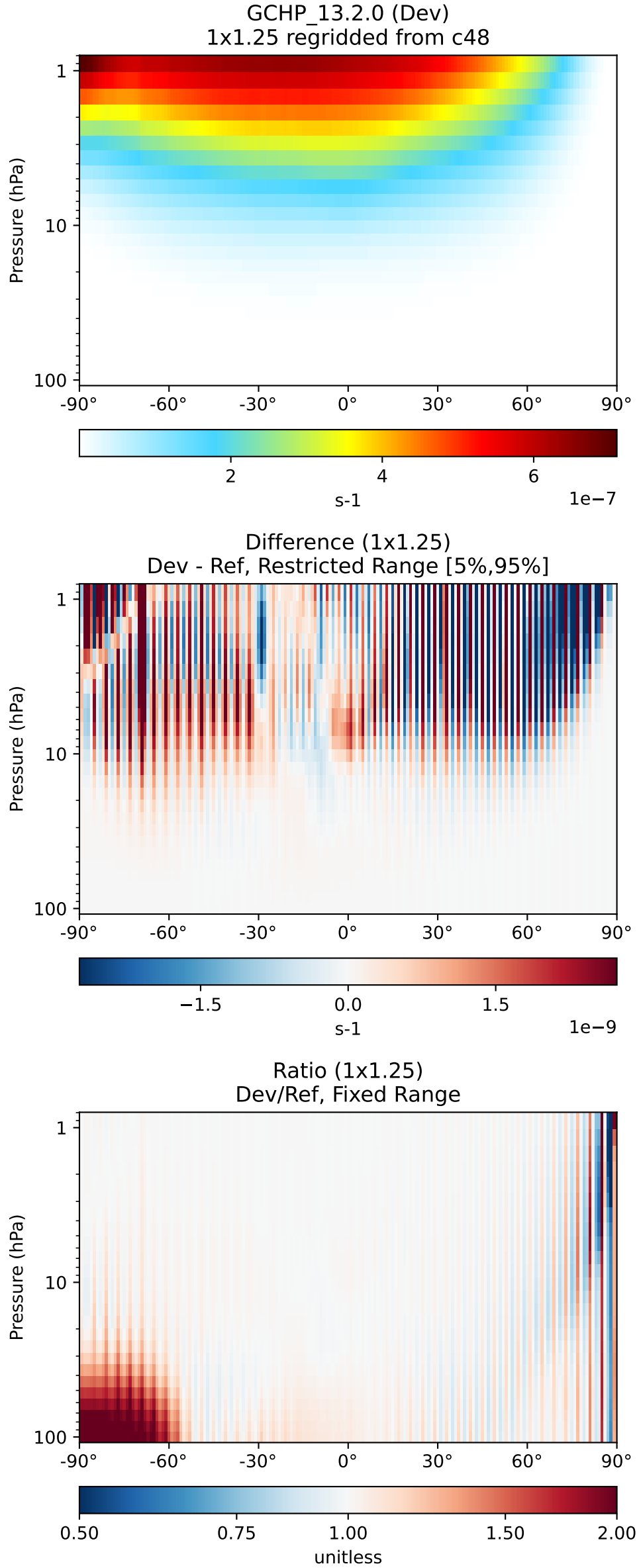
Jval_CFC115, Zonal Mean (Oct2019)



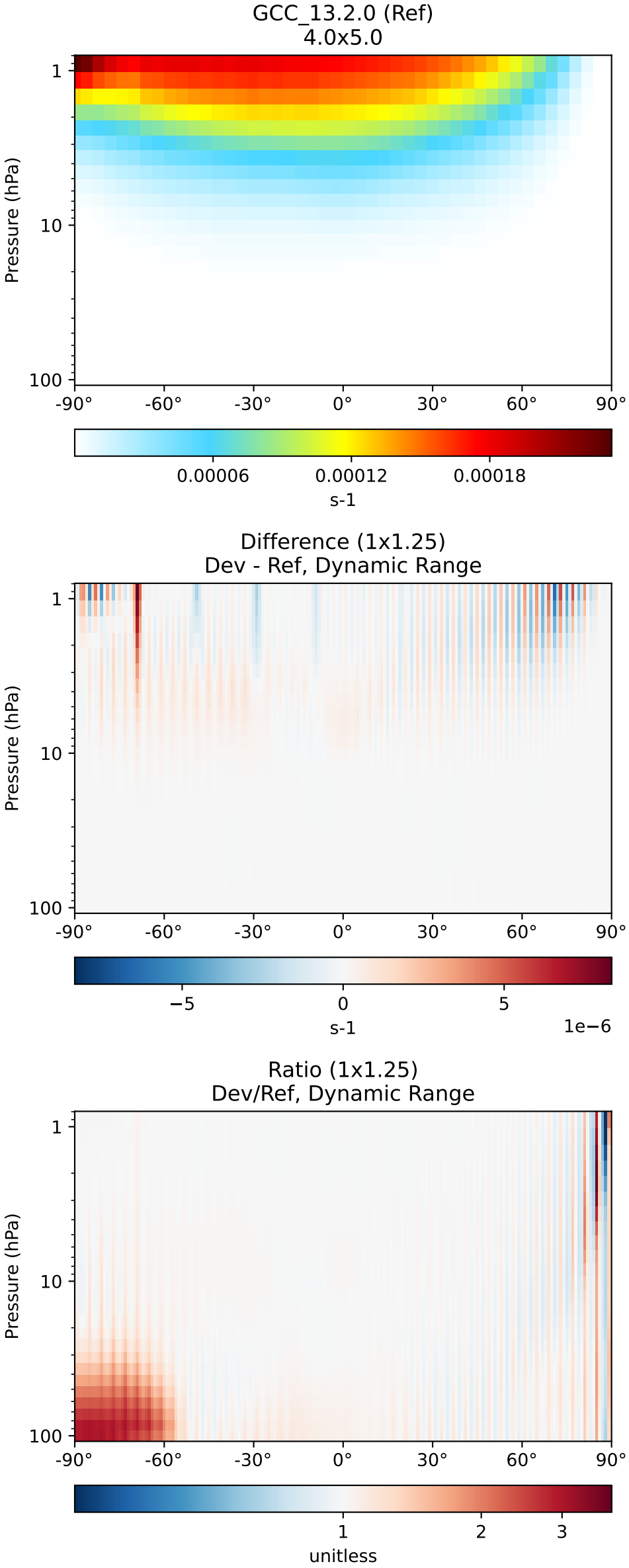


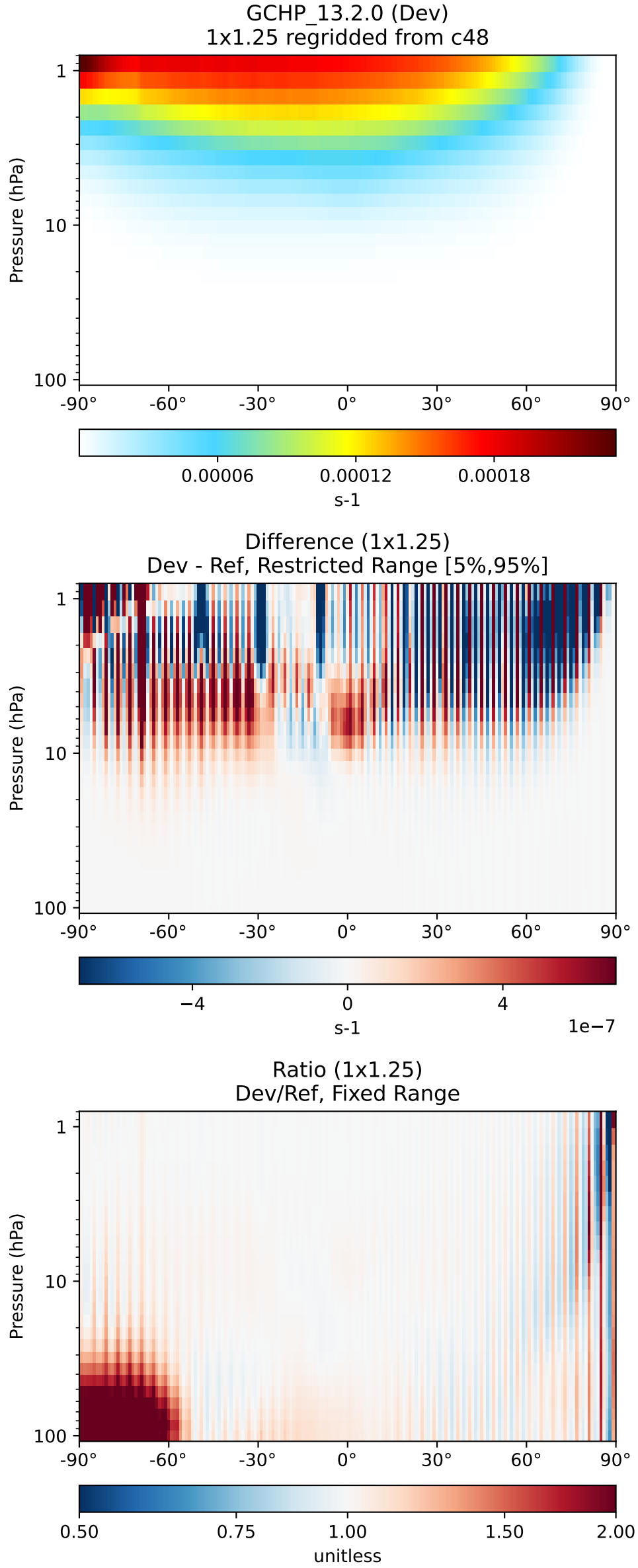
Jval_CFC12, Zonal Mean (Oct2019)



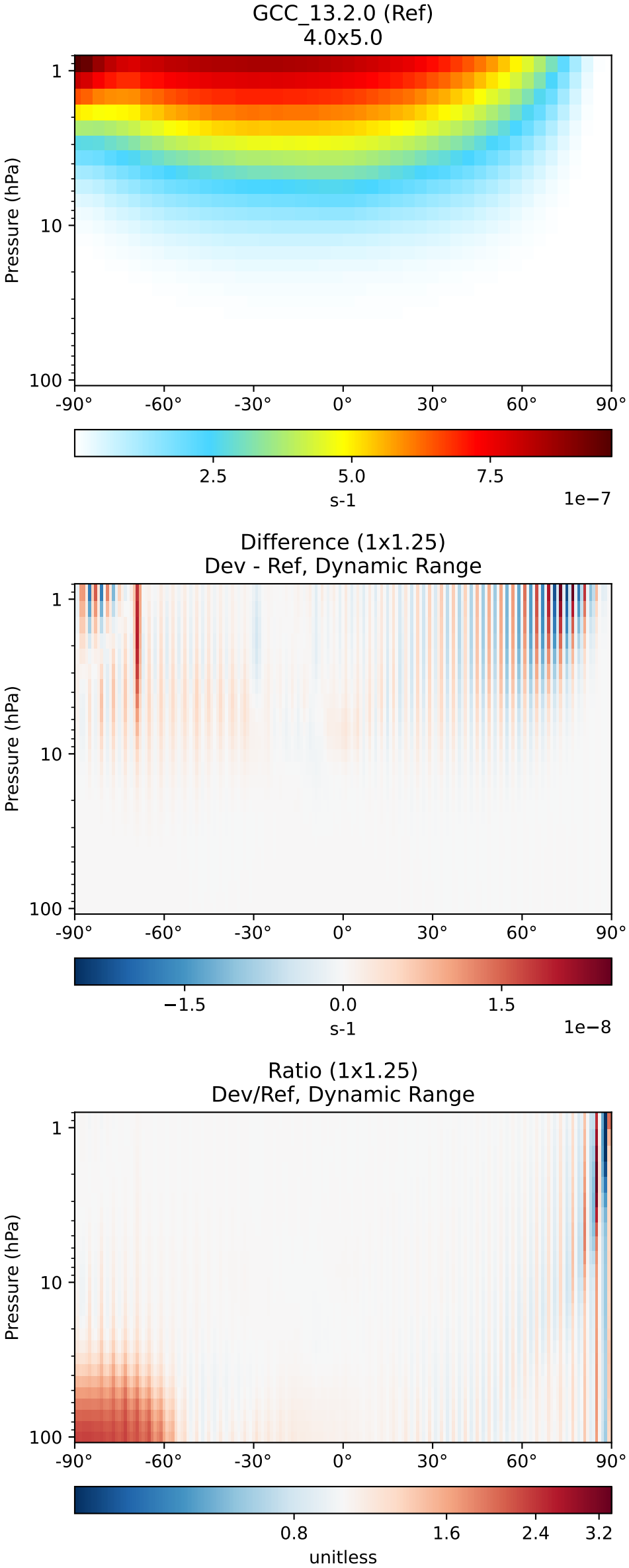


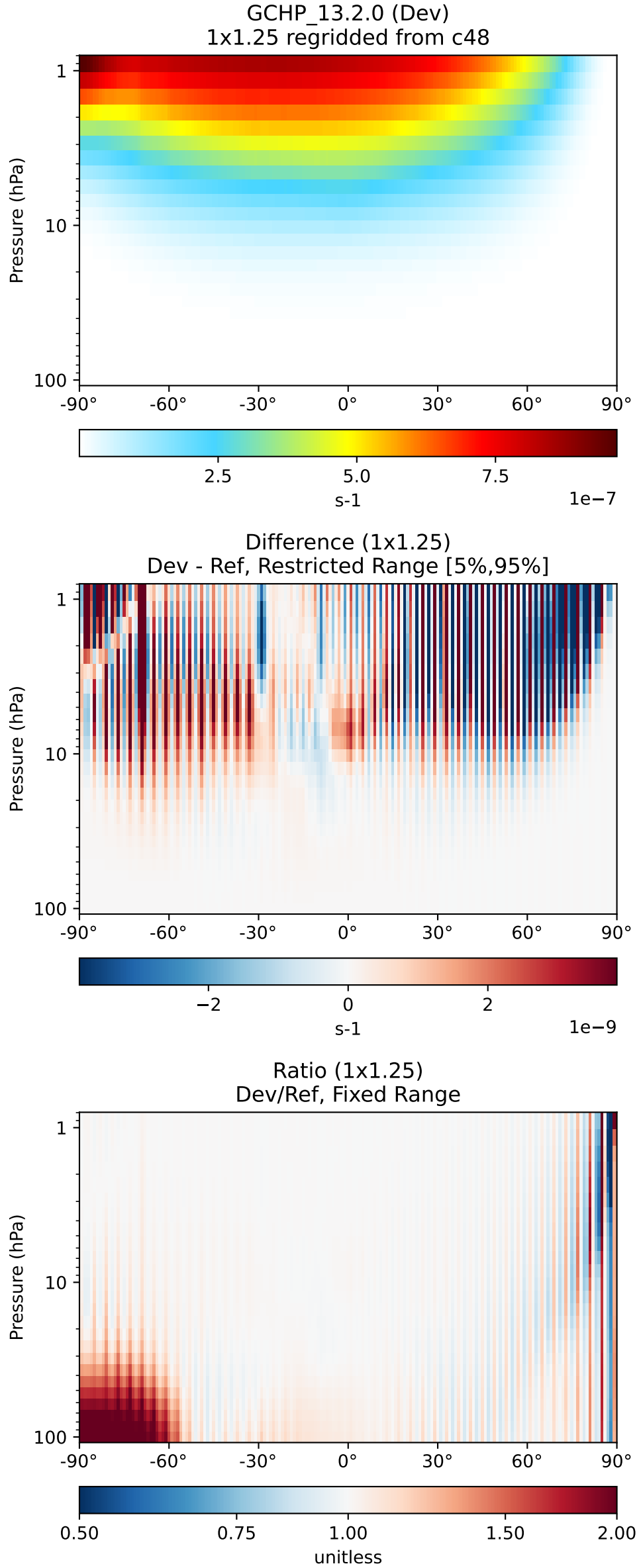
Jval_CH2Br2, Zonal Mean (Oct2019)



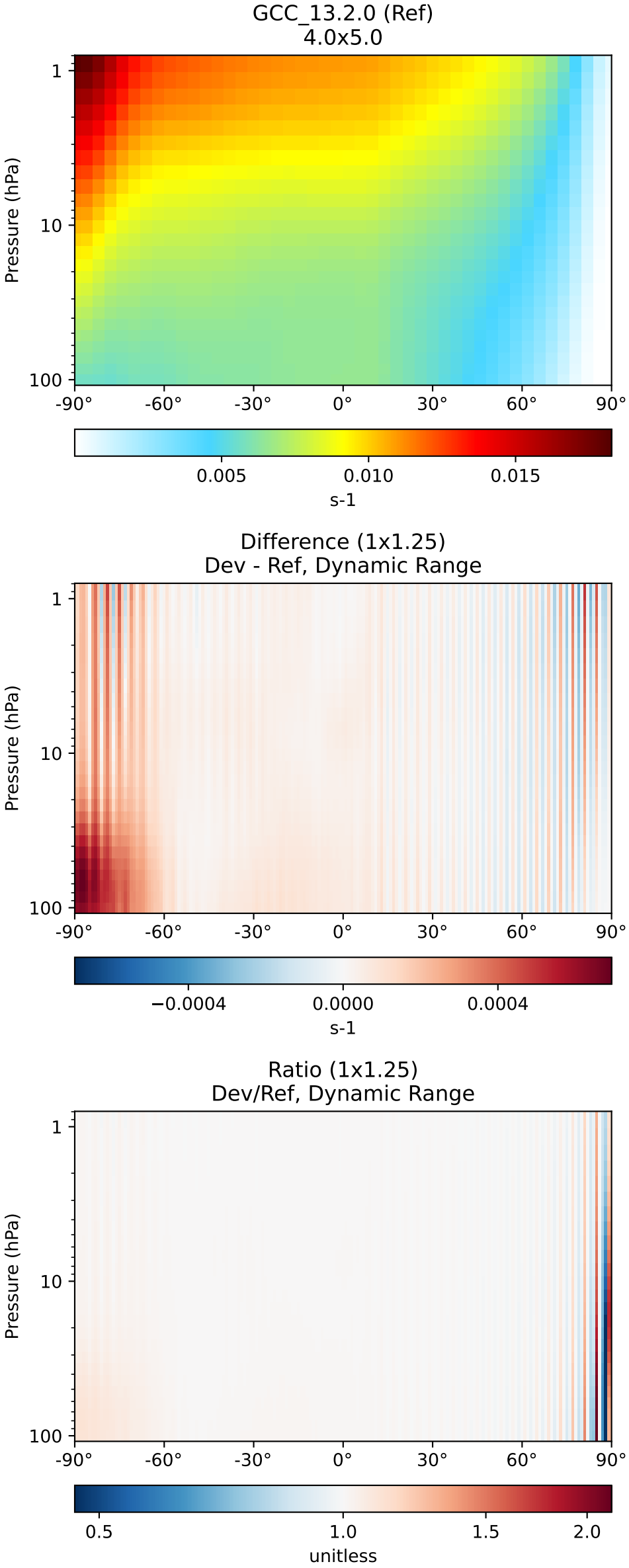


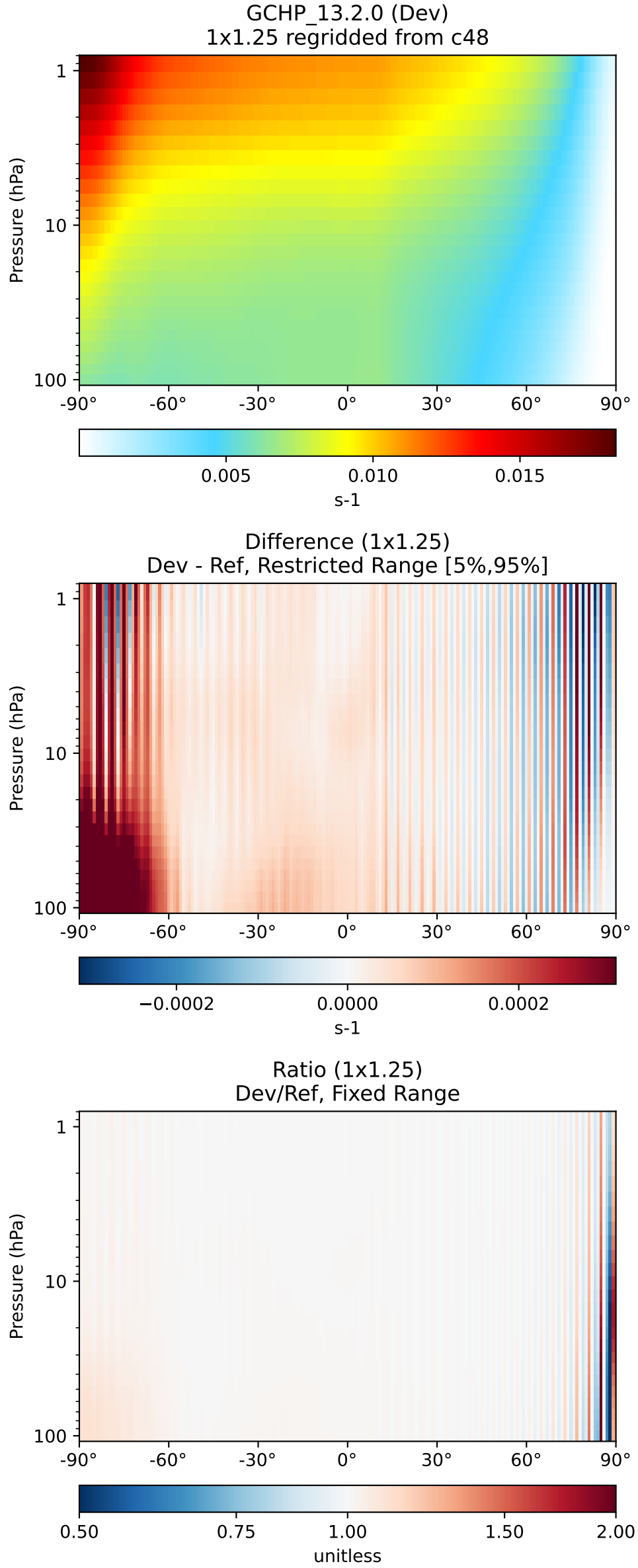
Jval_CH2Cl2, Zonal Mean (Oct2019)



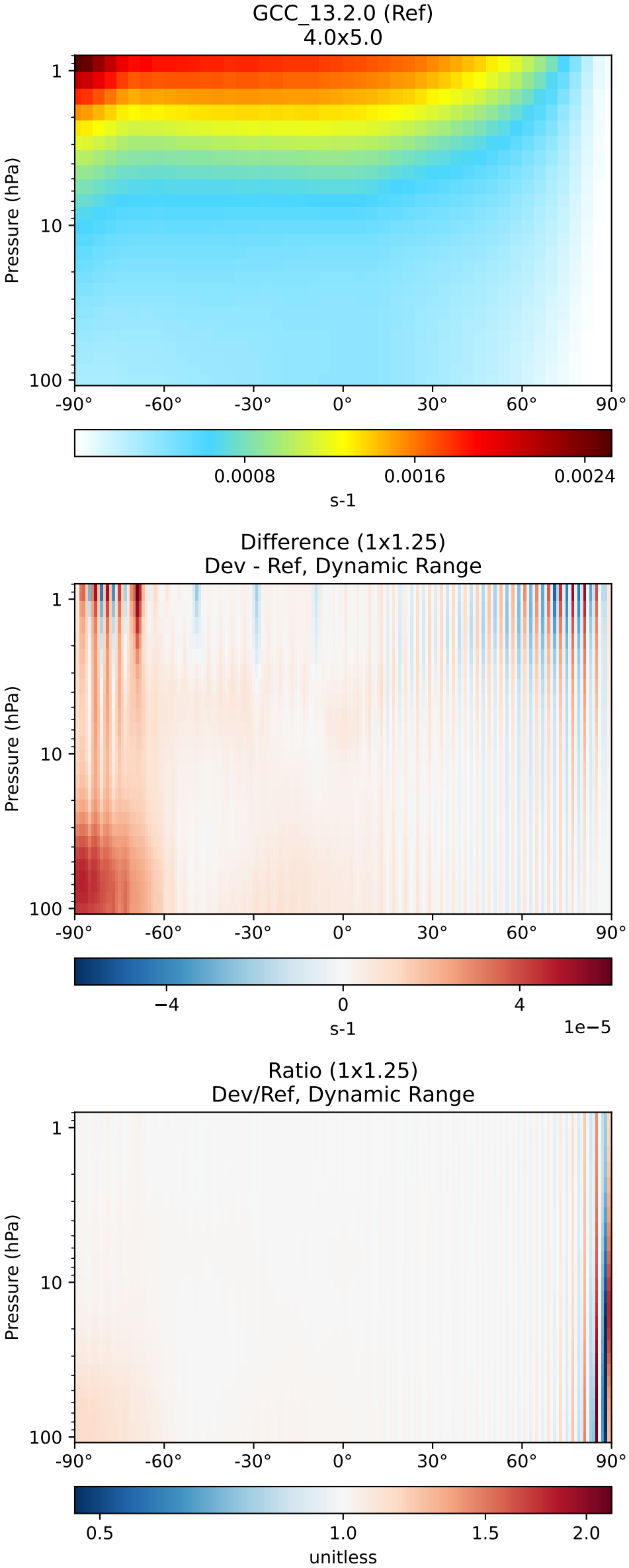


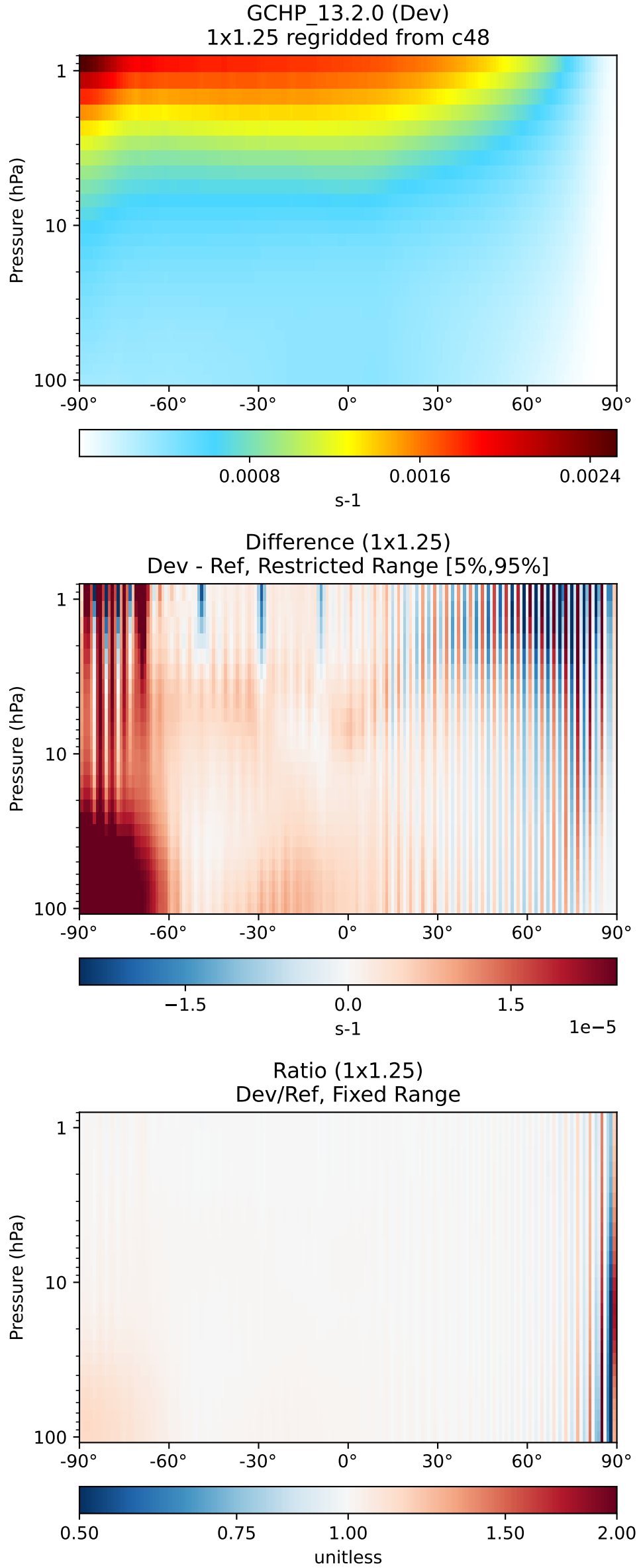
Jval_CH2I2, Zonal Mean (Oct2019)



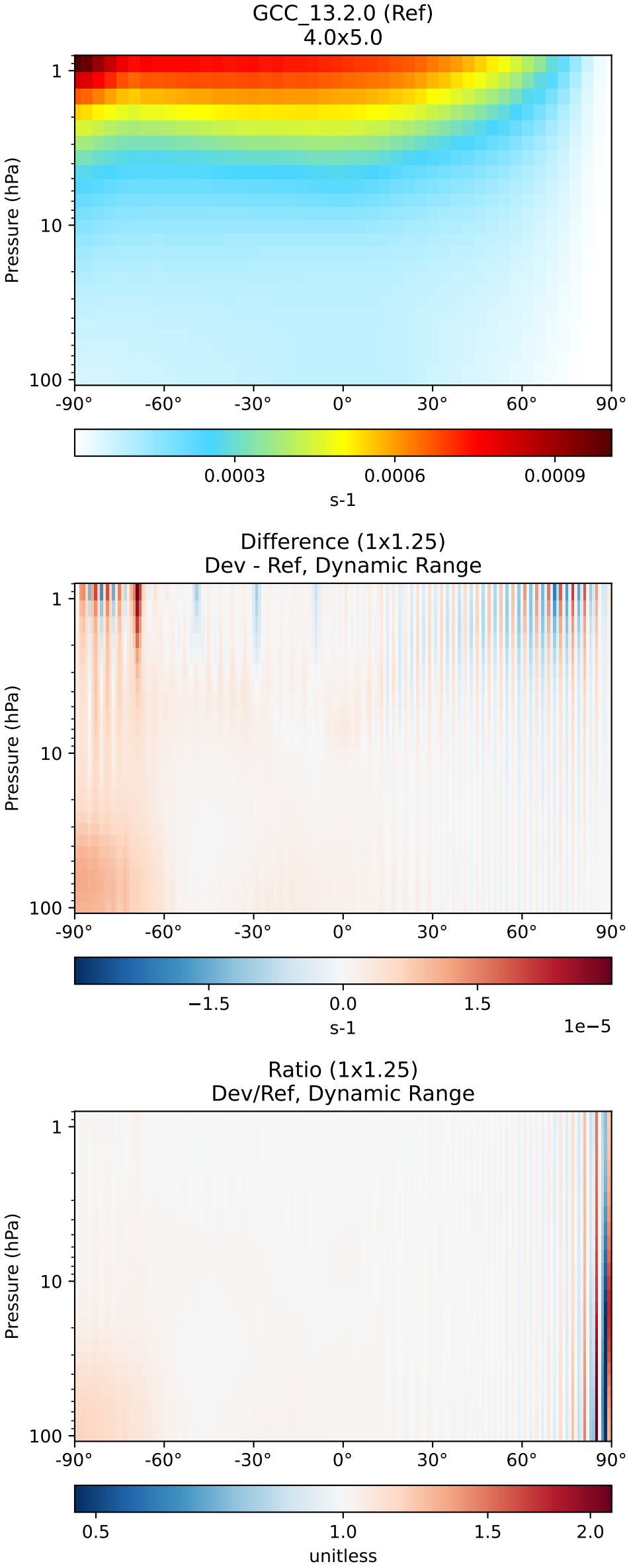


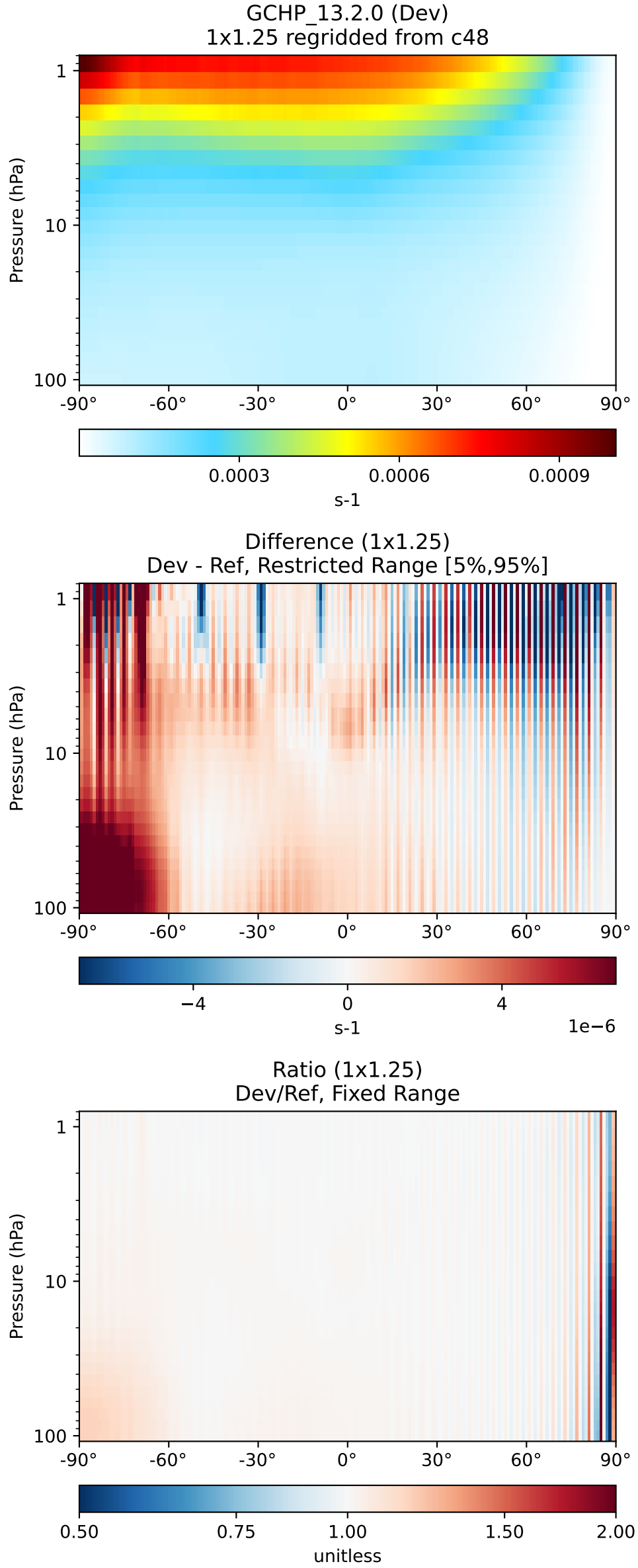
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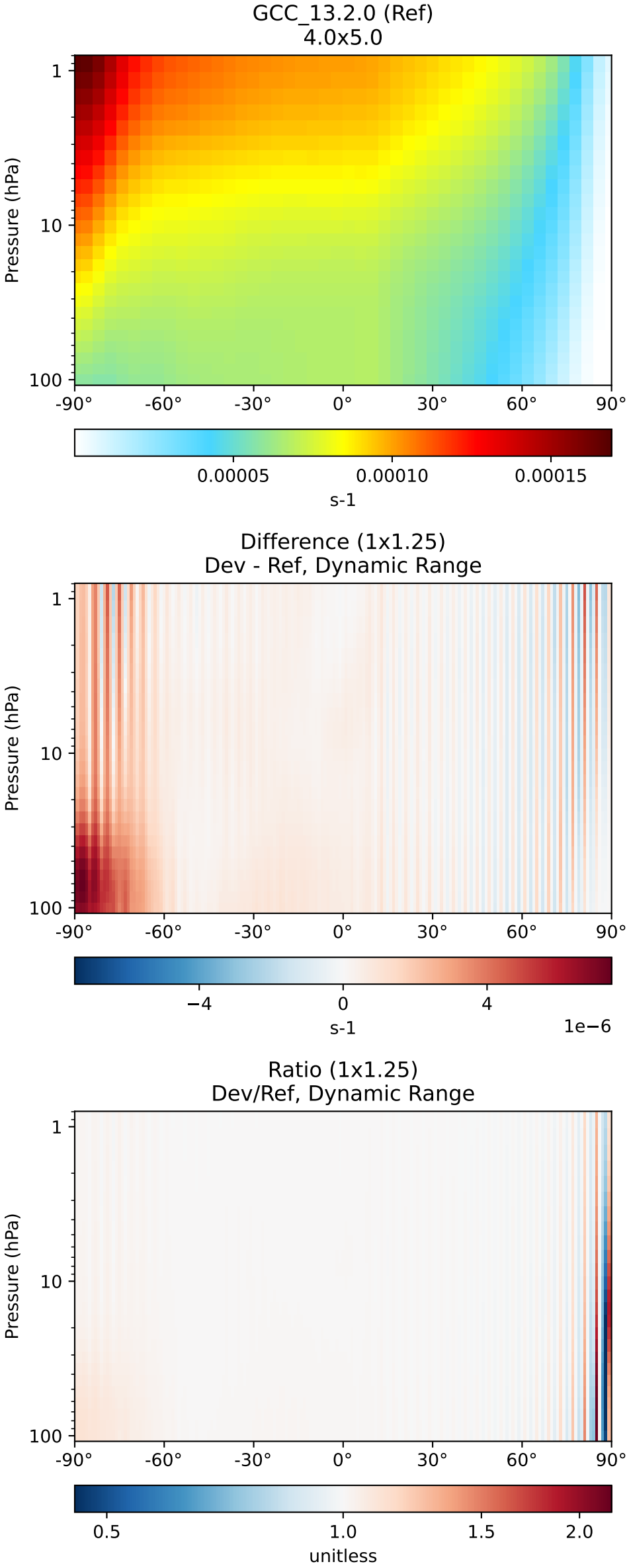


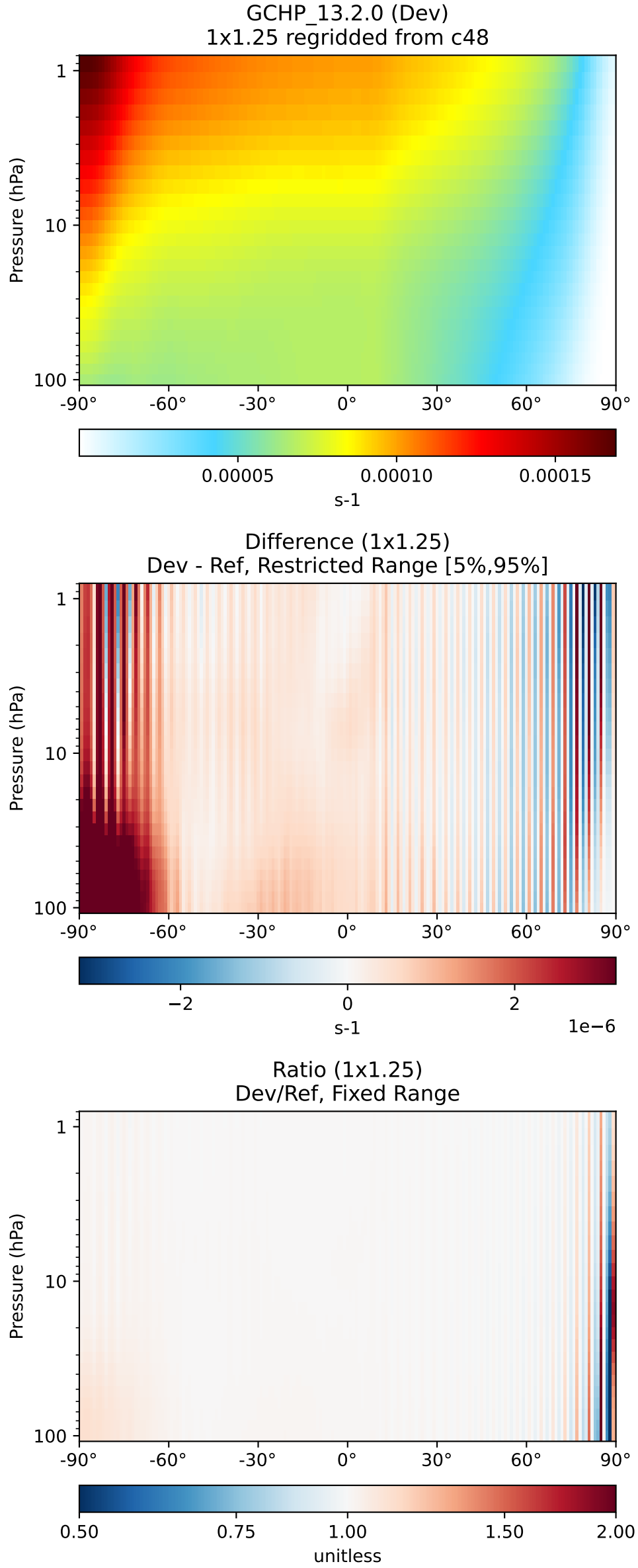
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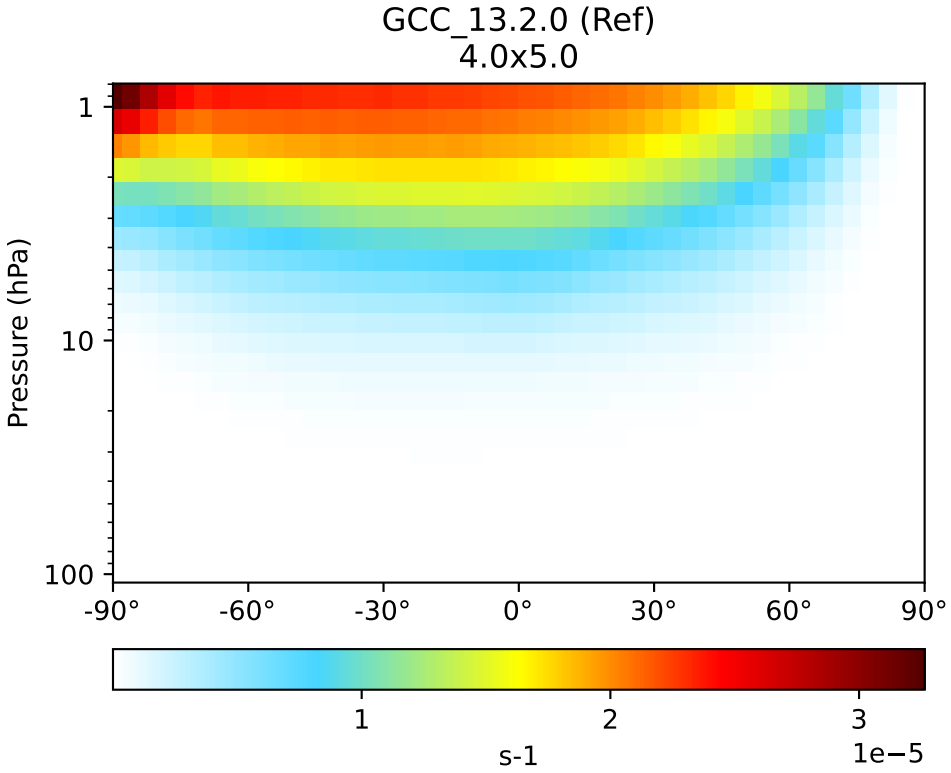


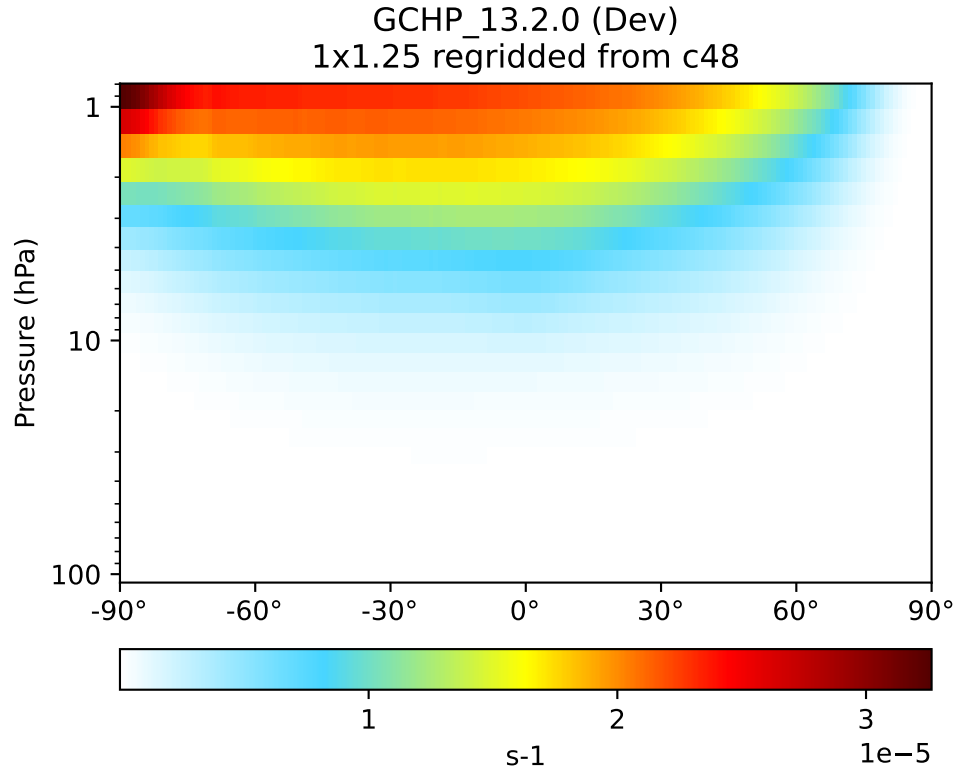
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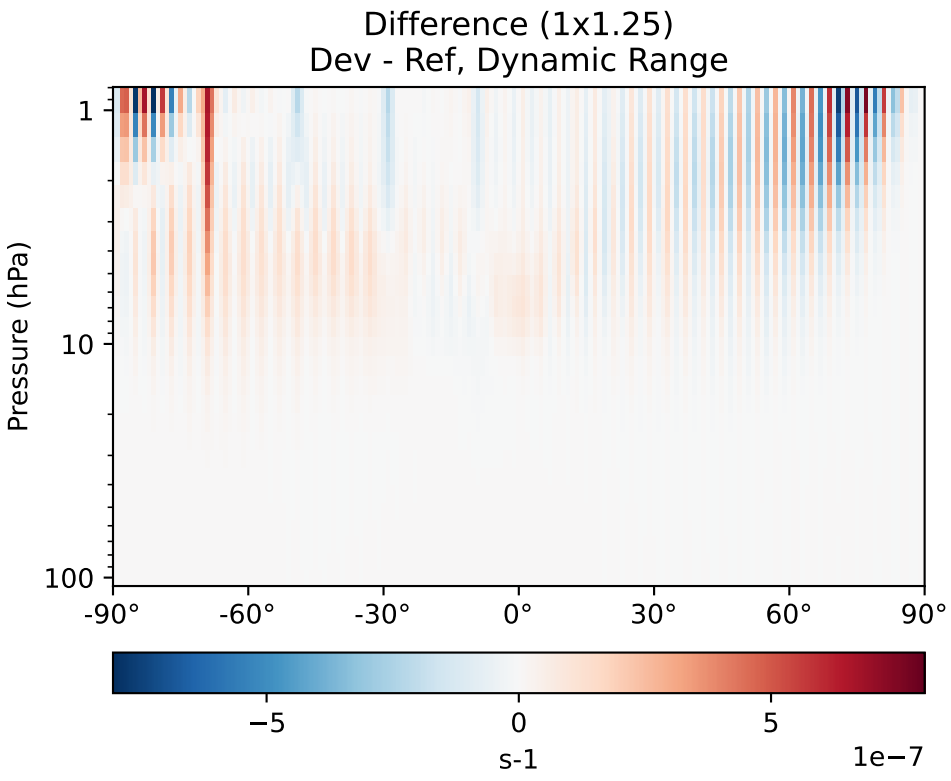


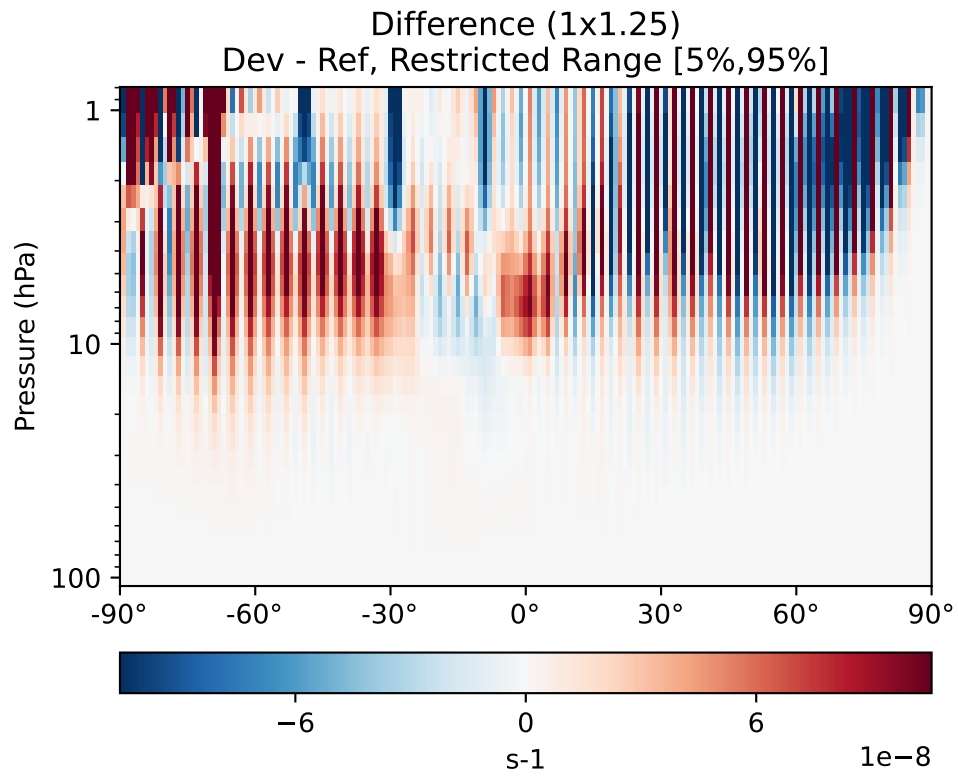


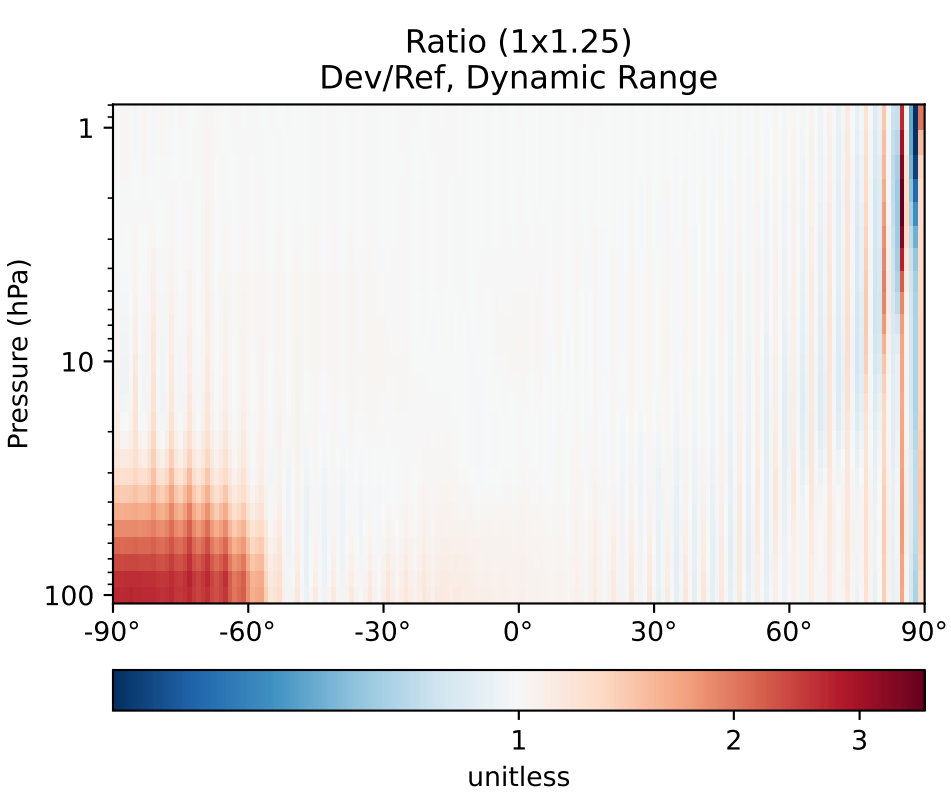
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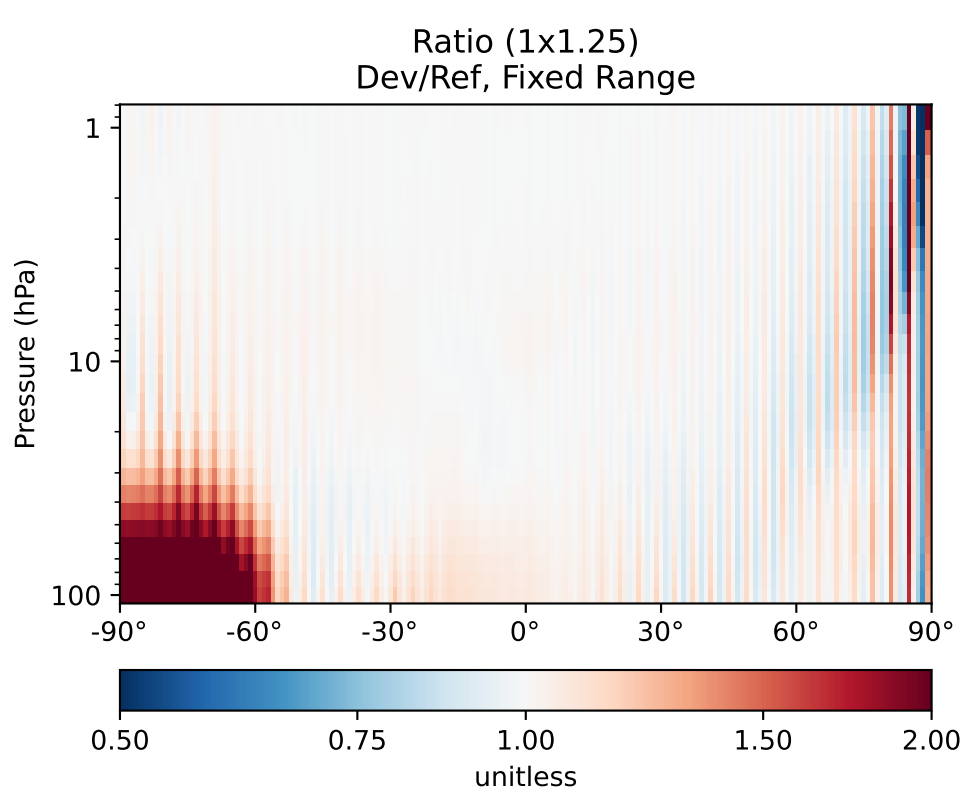




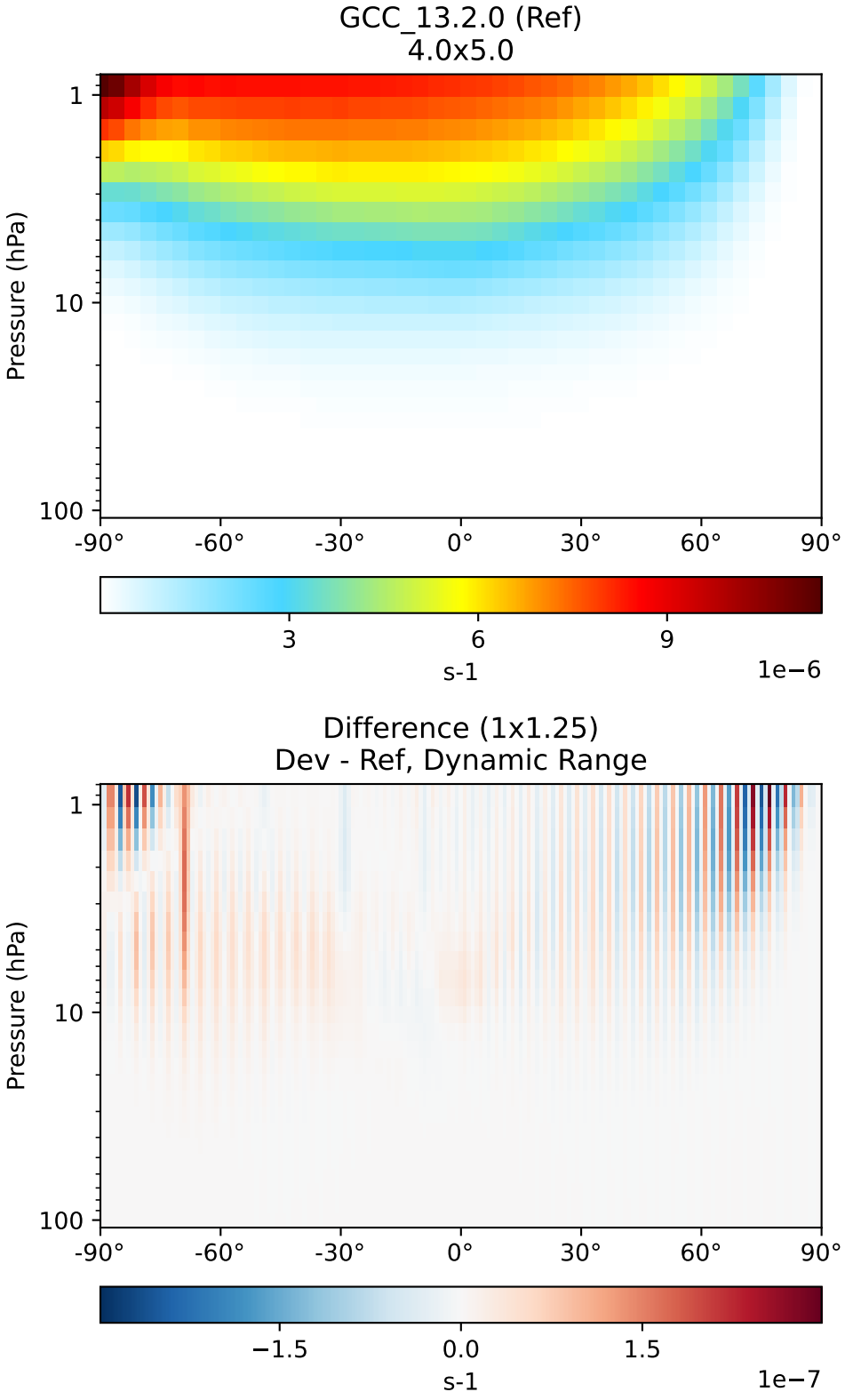


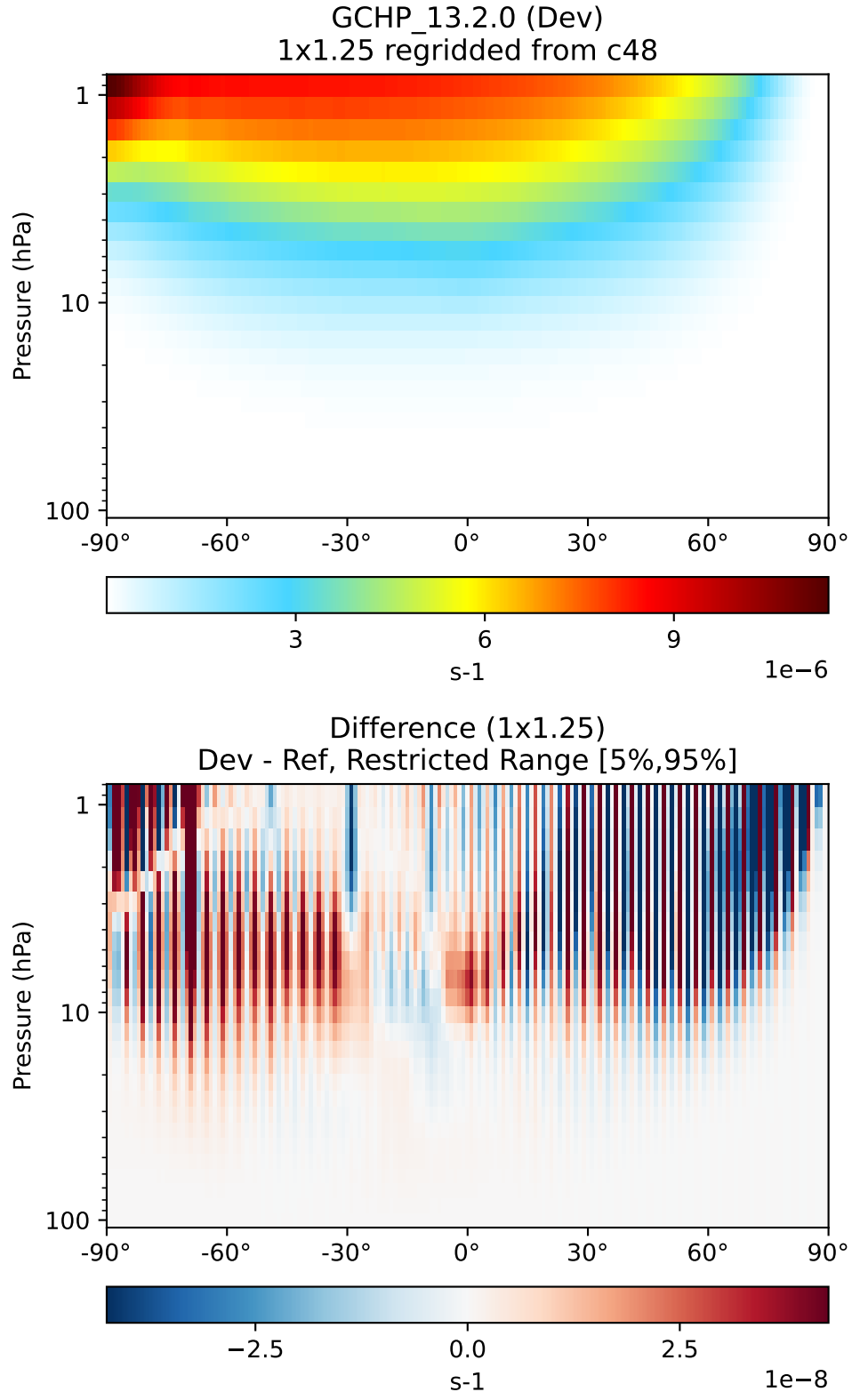


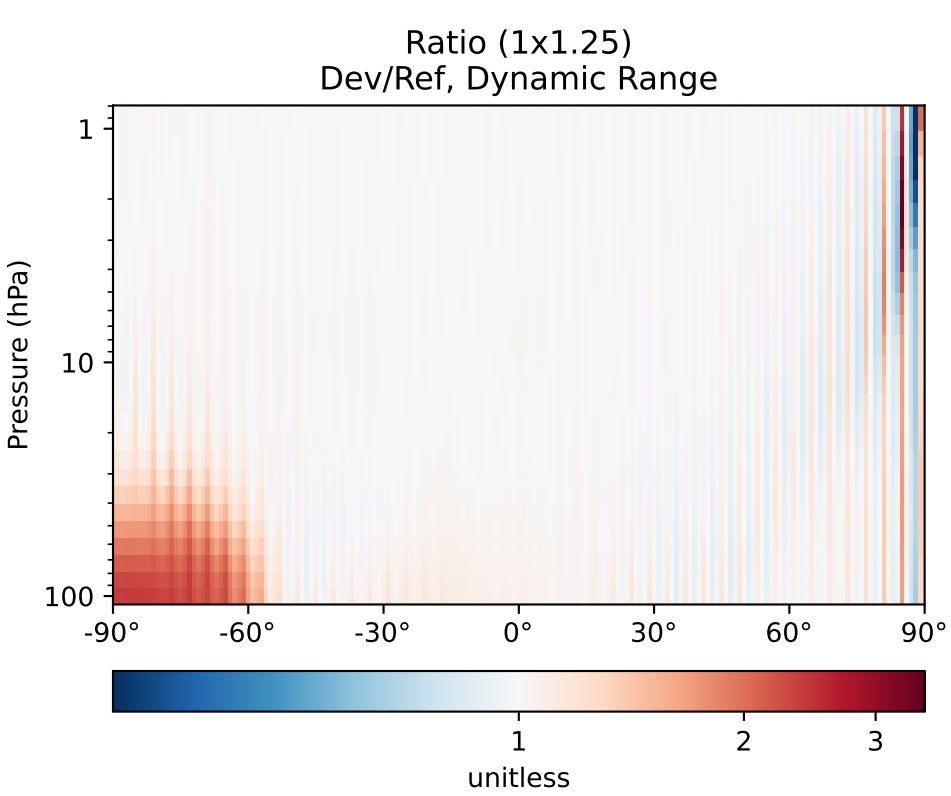


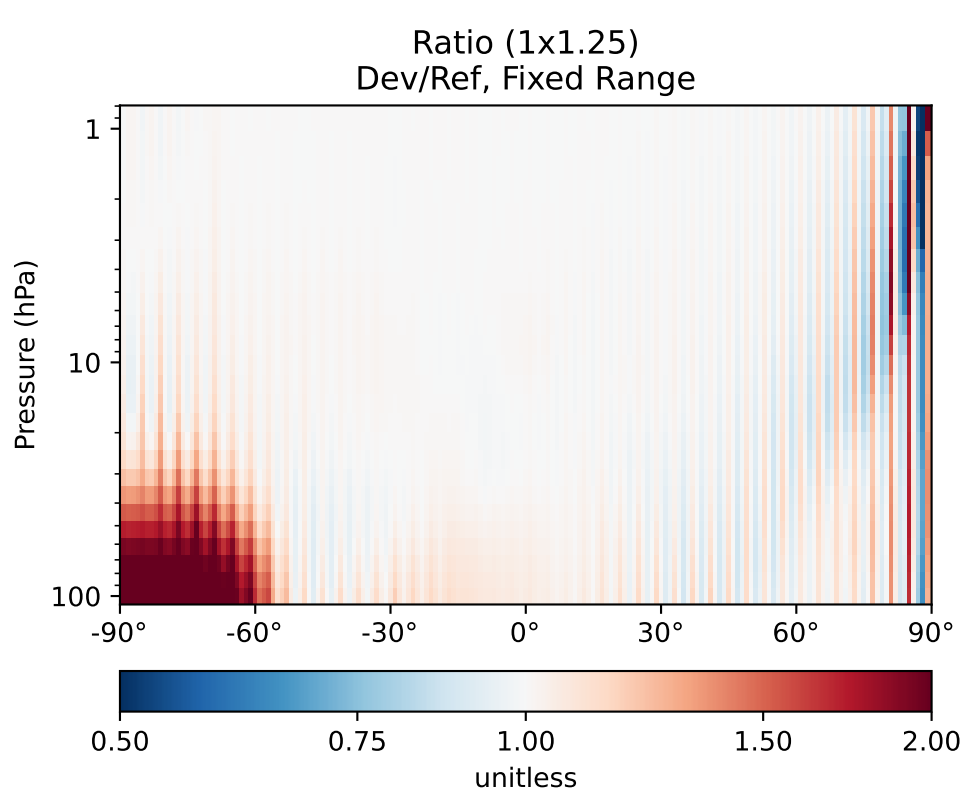


Jval_CH3CCl3, Zonal Mean (Oct2019)

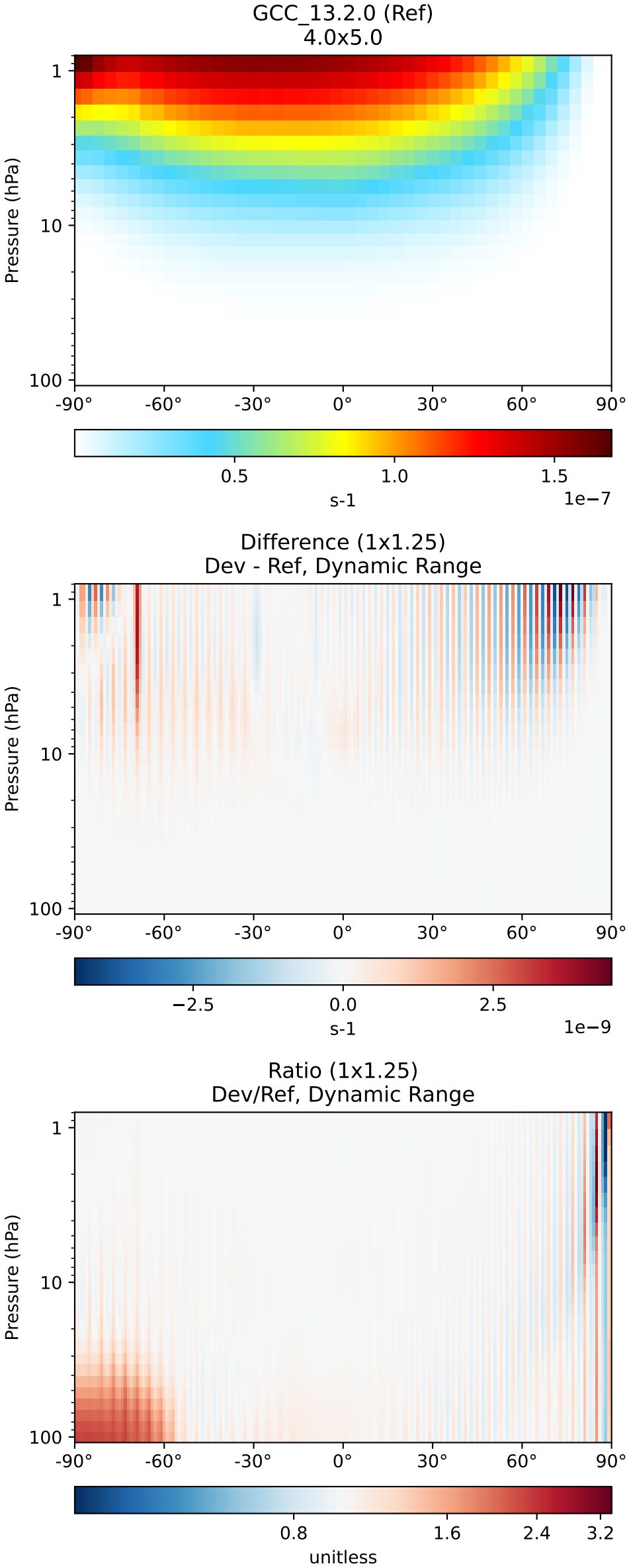


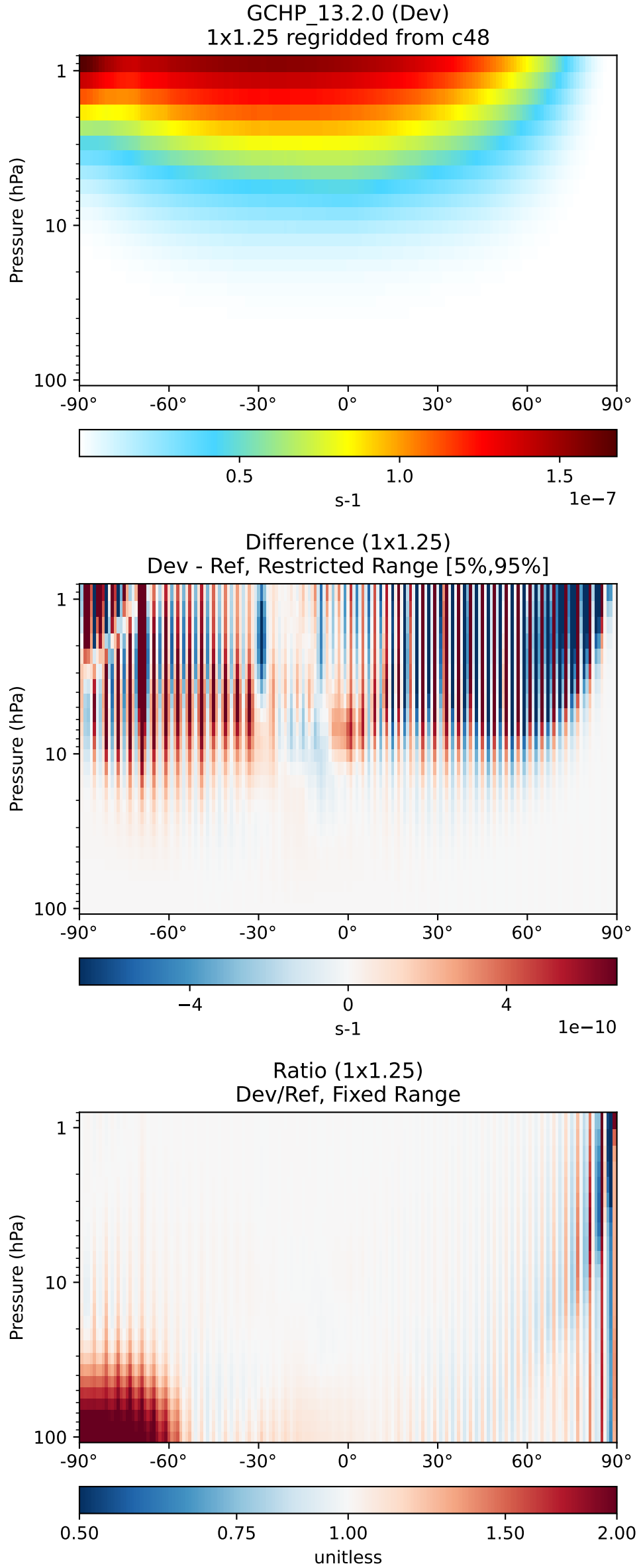




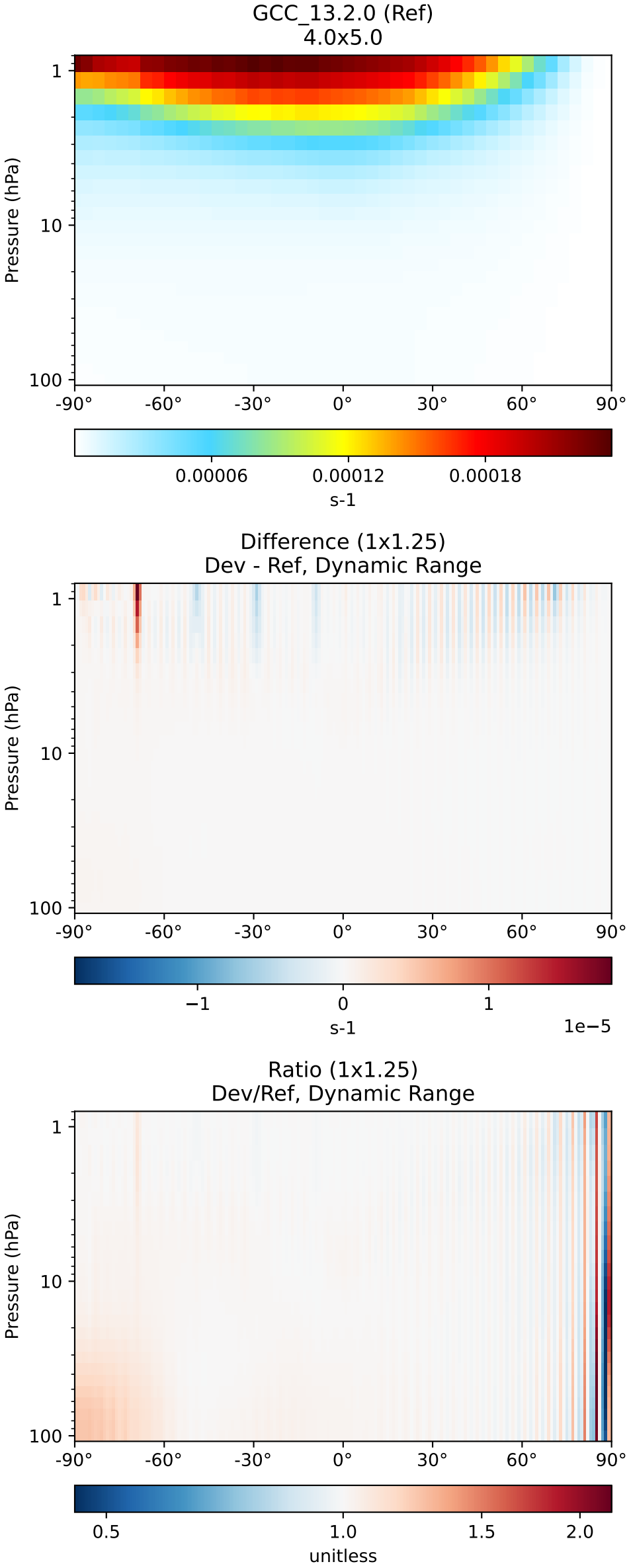


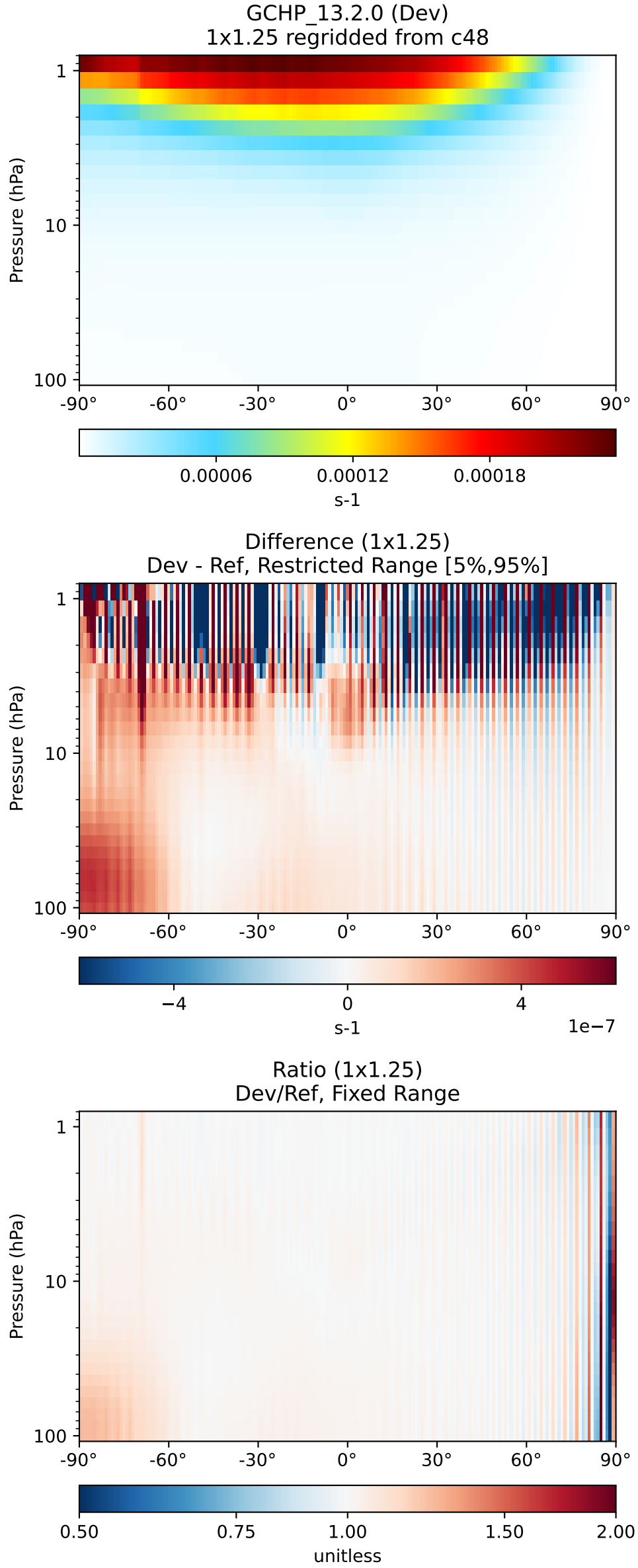
Jval_CH3Cl, Zonal Mean (Oct2019)



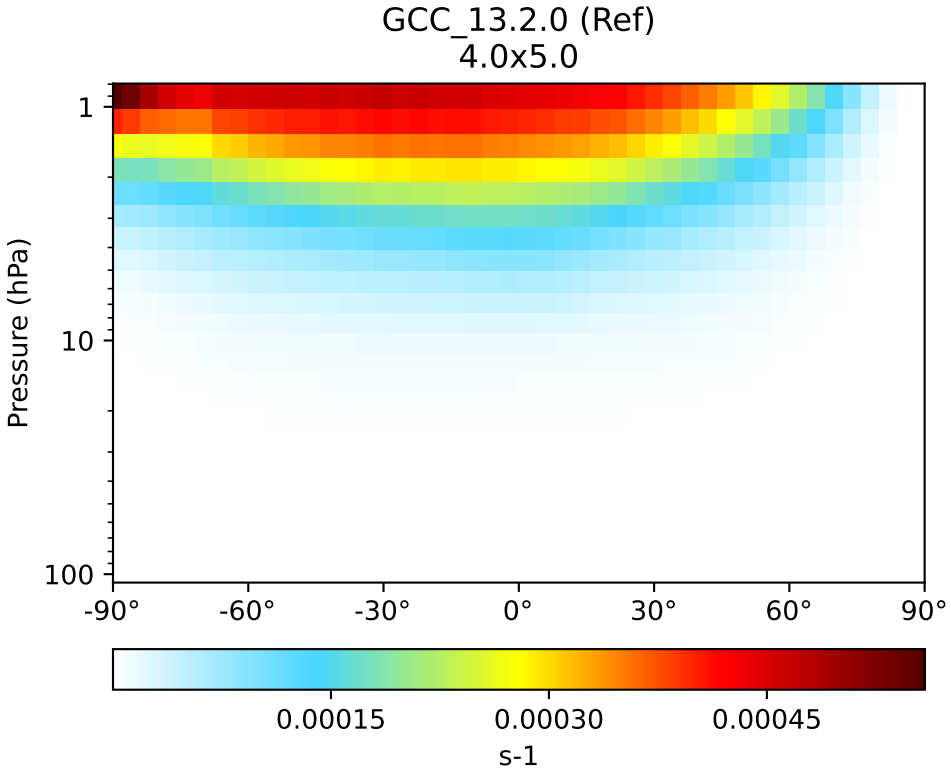


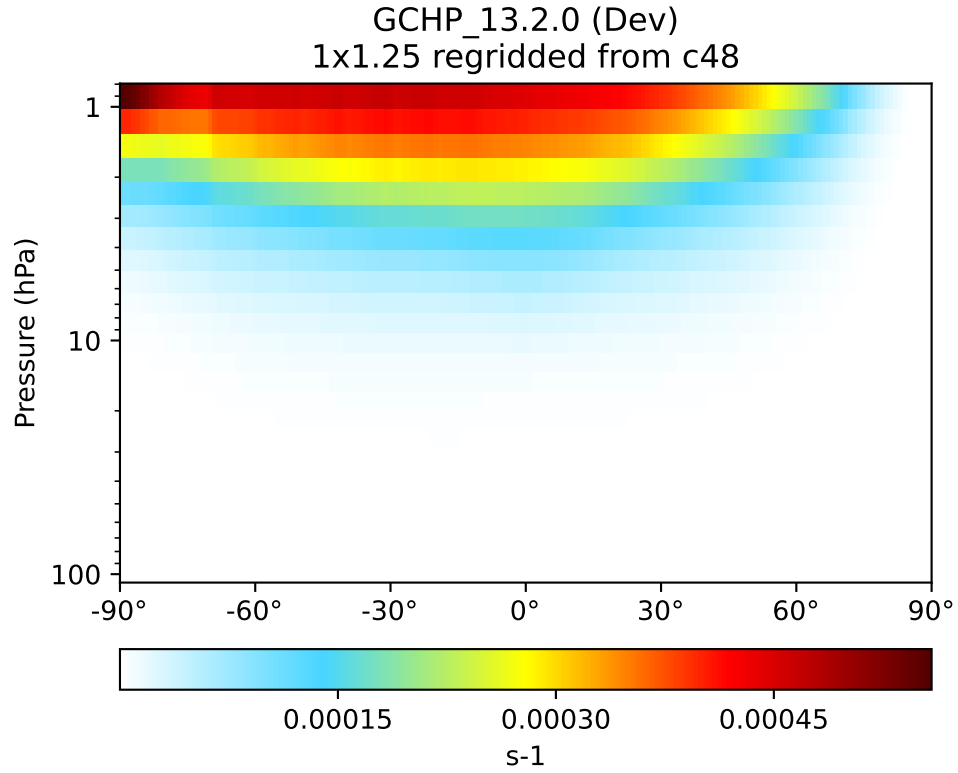
Jval_CH3I, Zonal Mean (Oct2019)

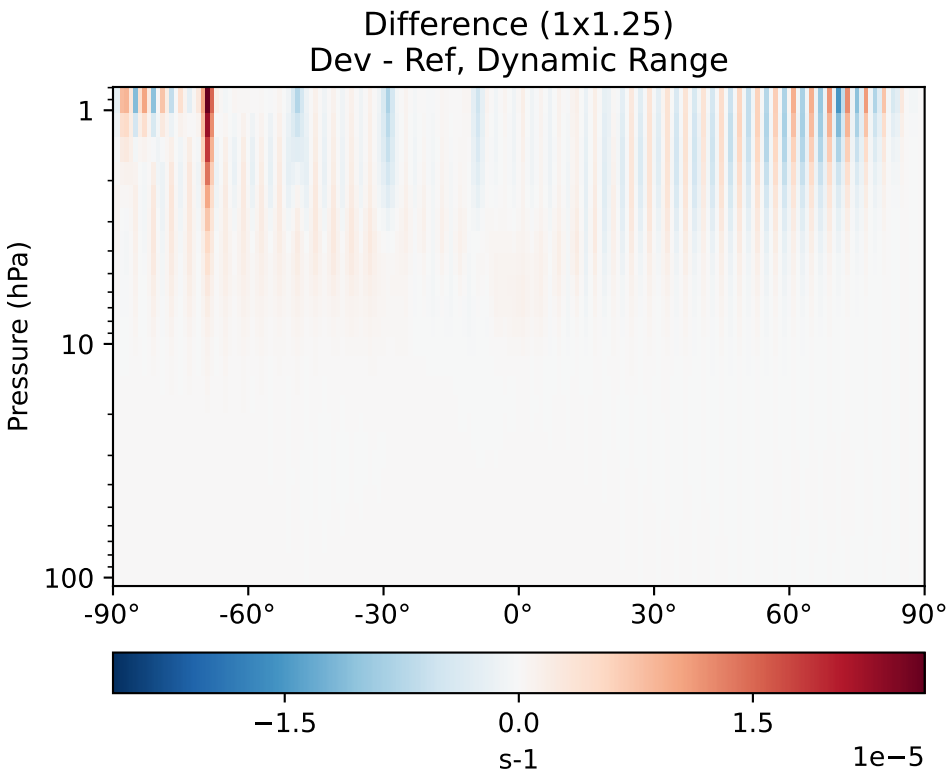


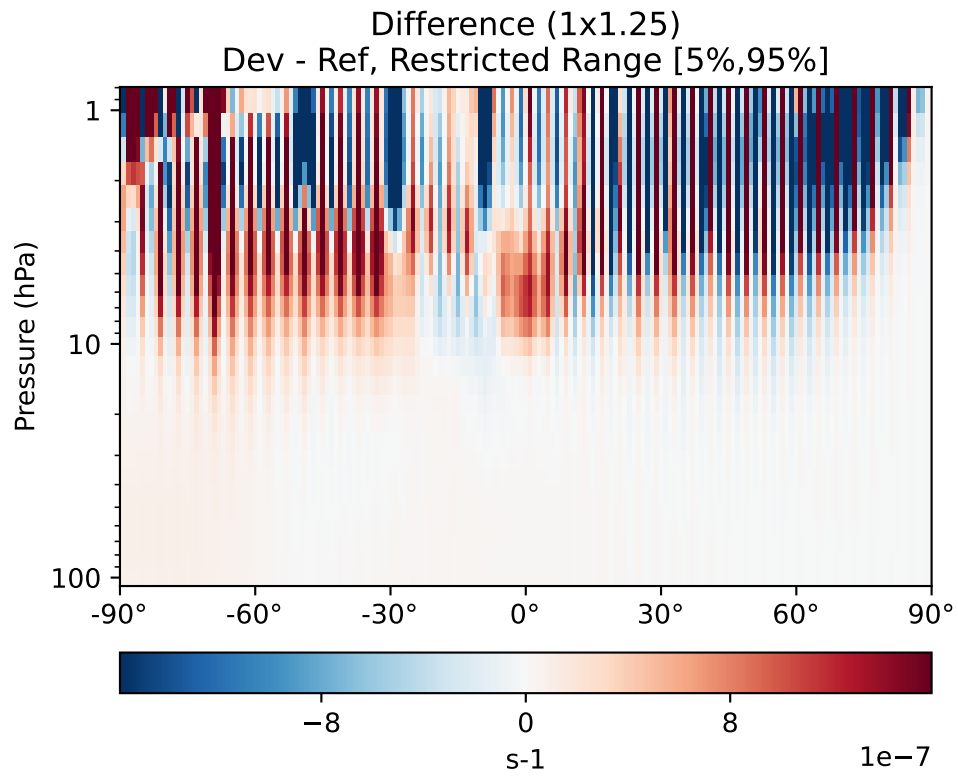


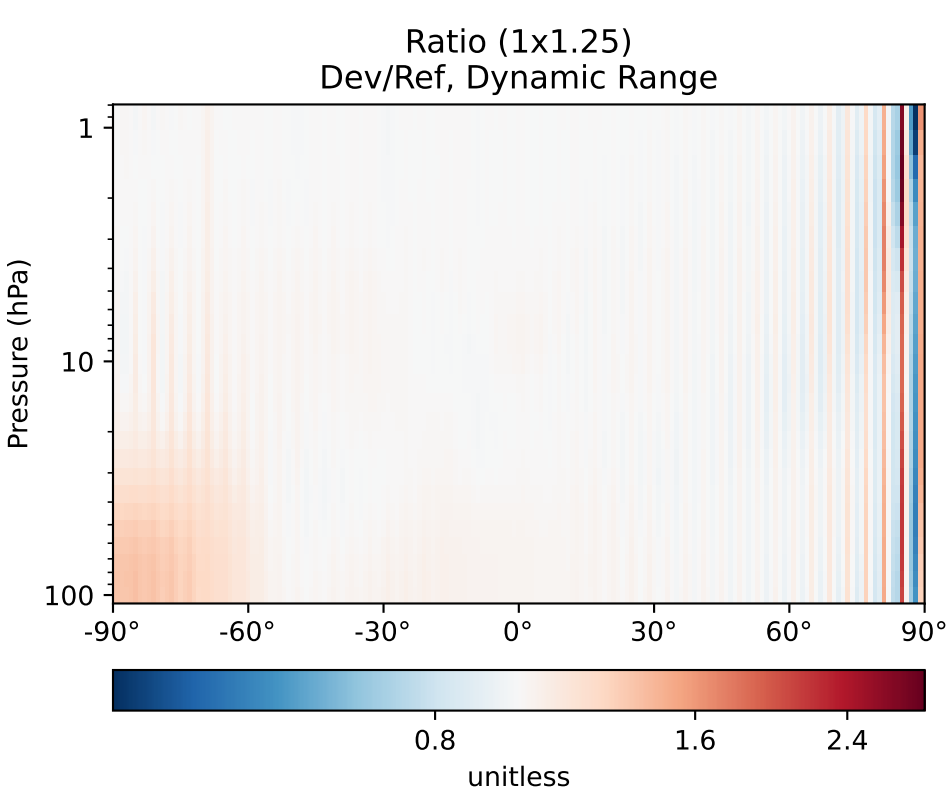
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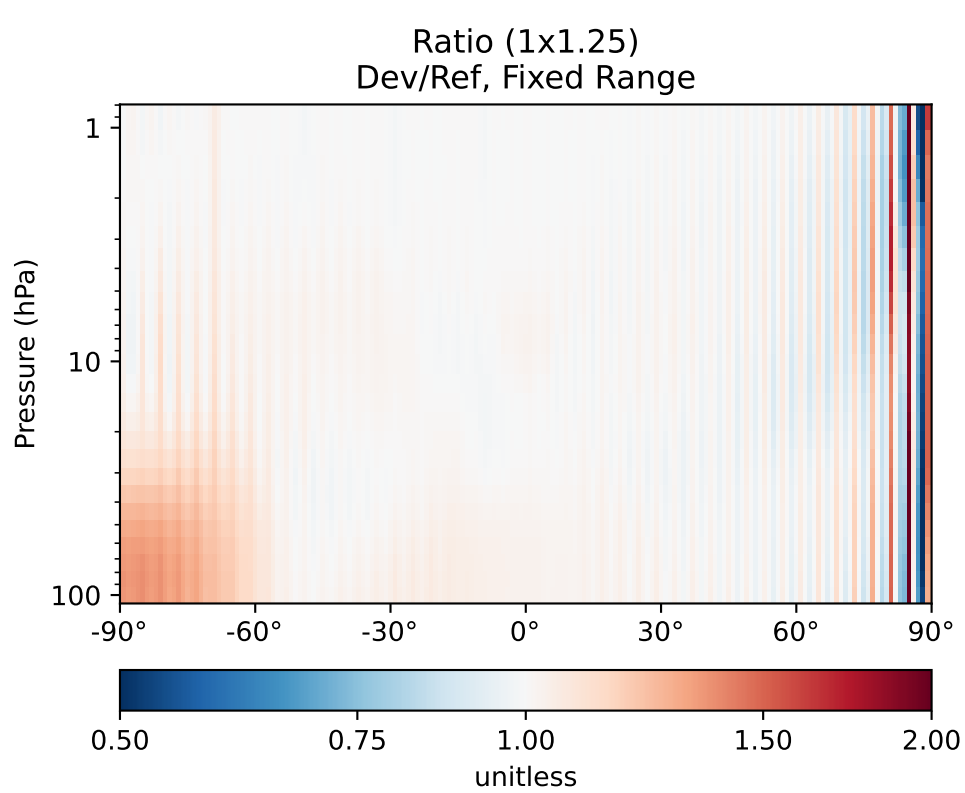




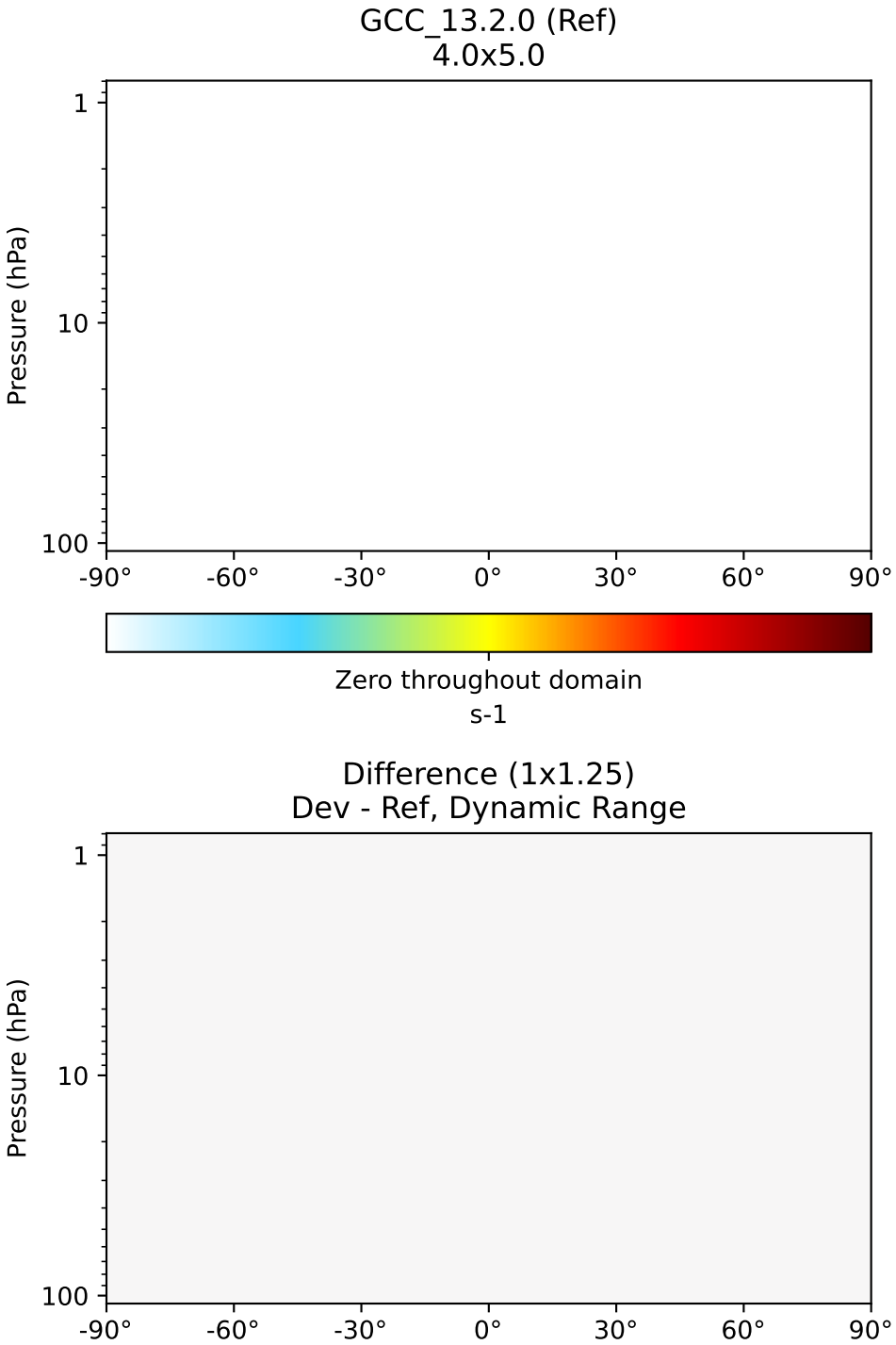


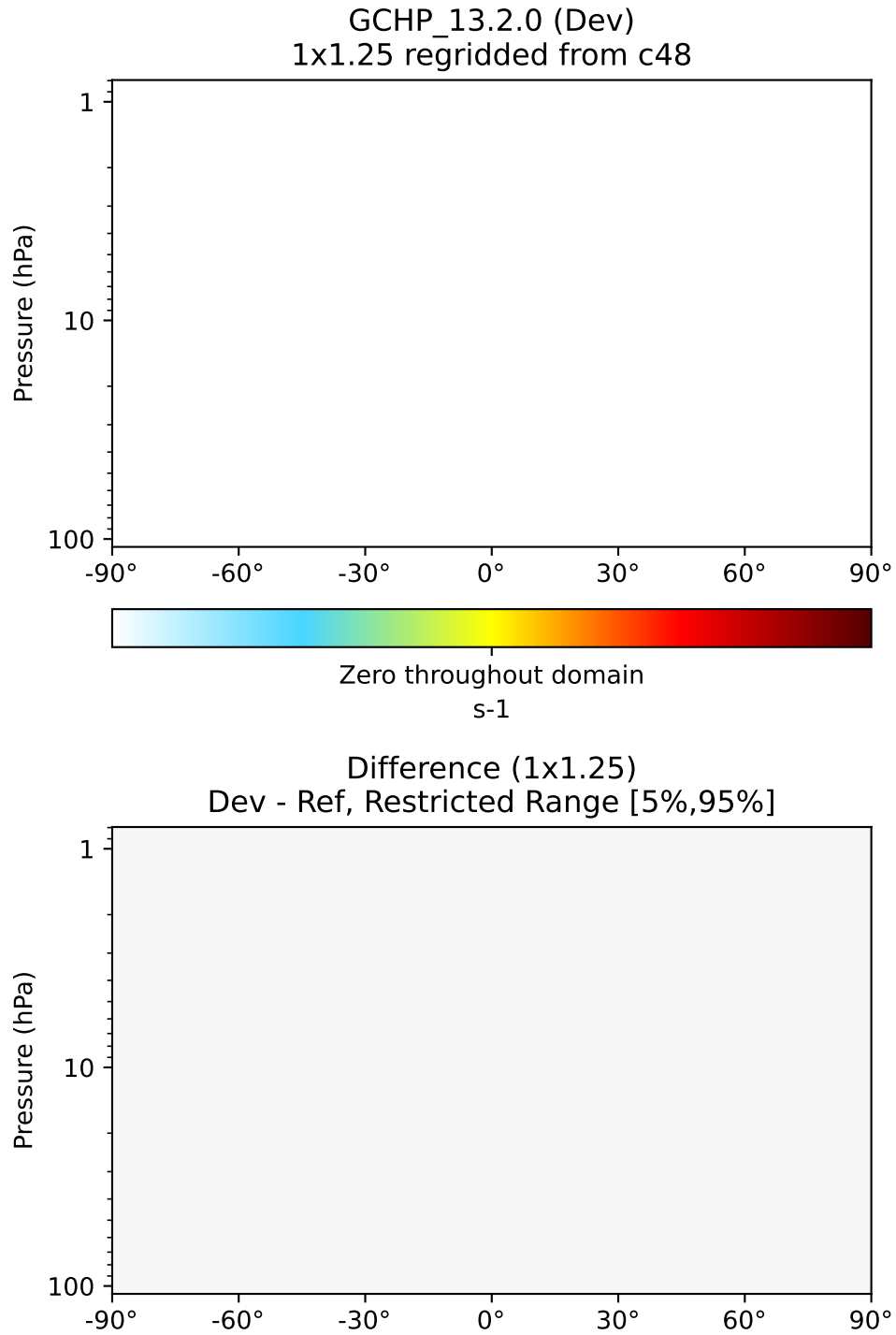


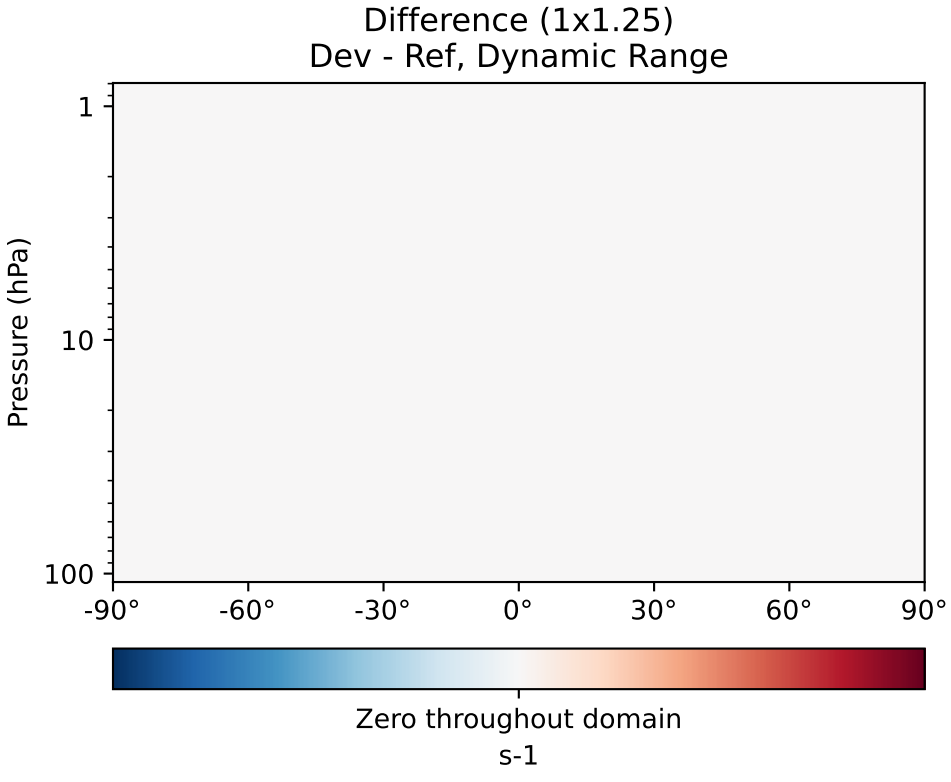


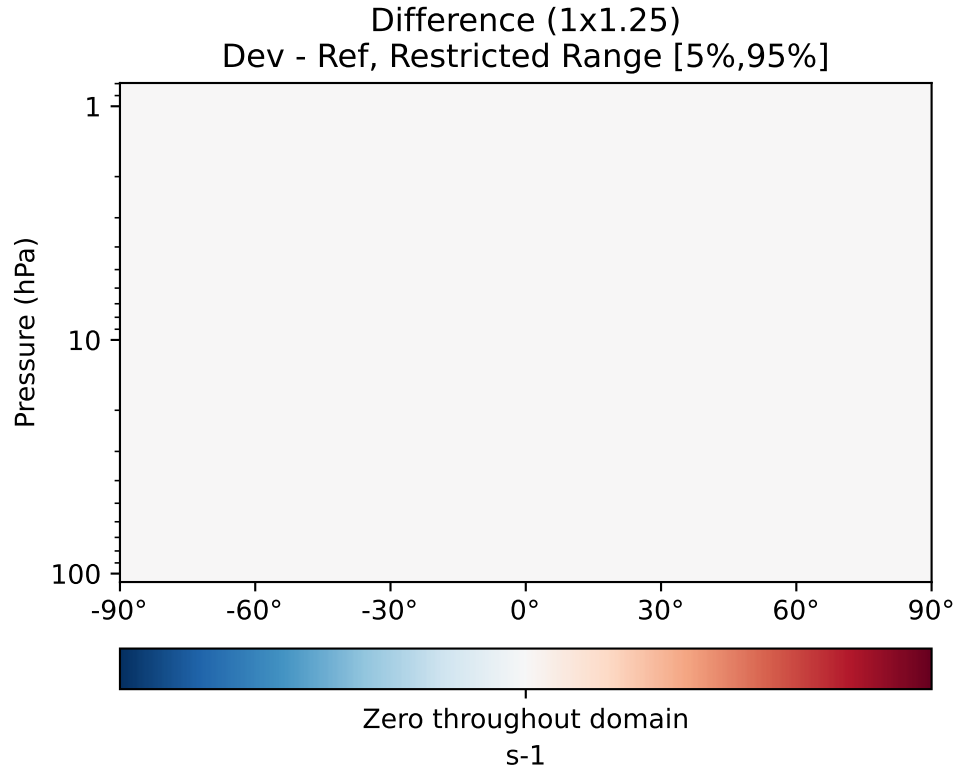


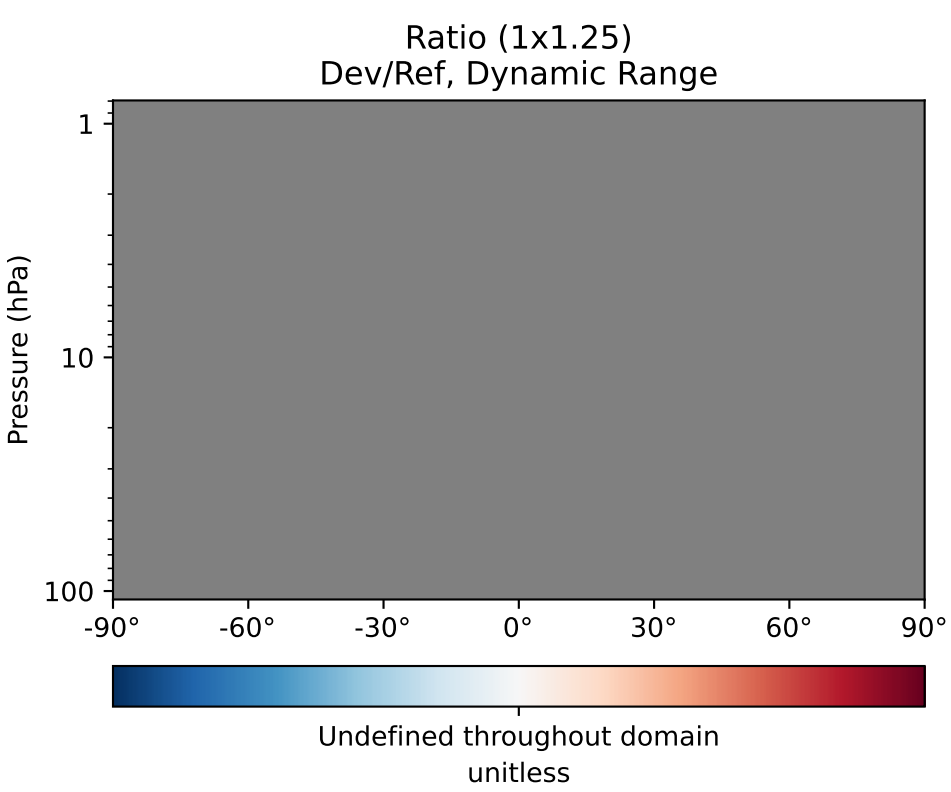
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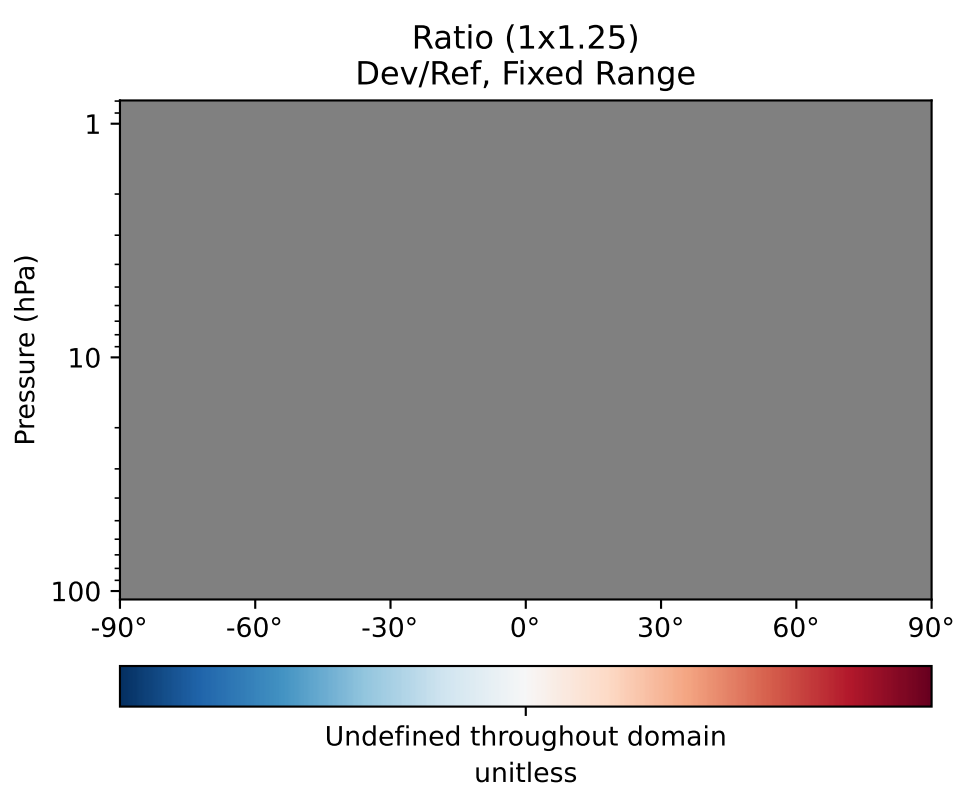




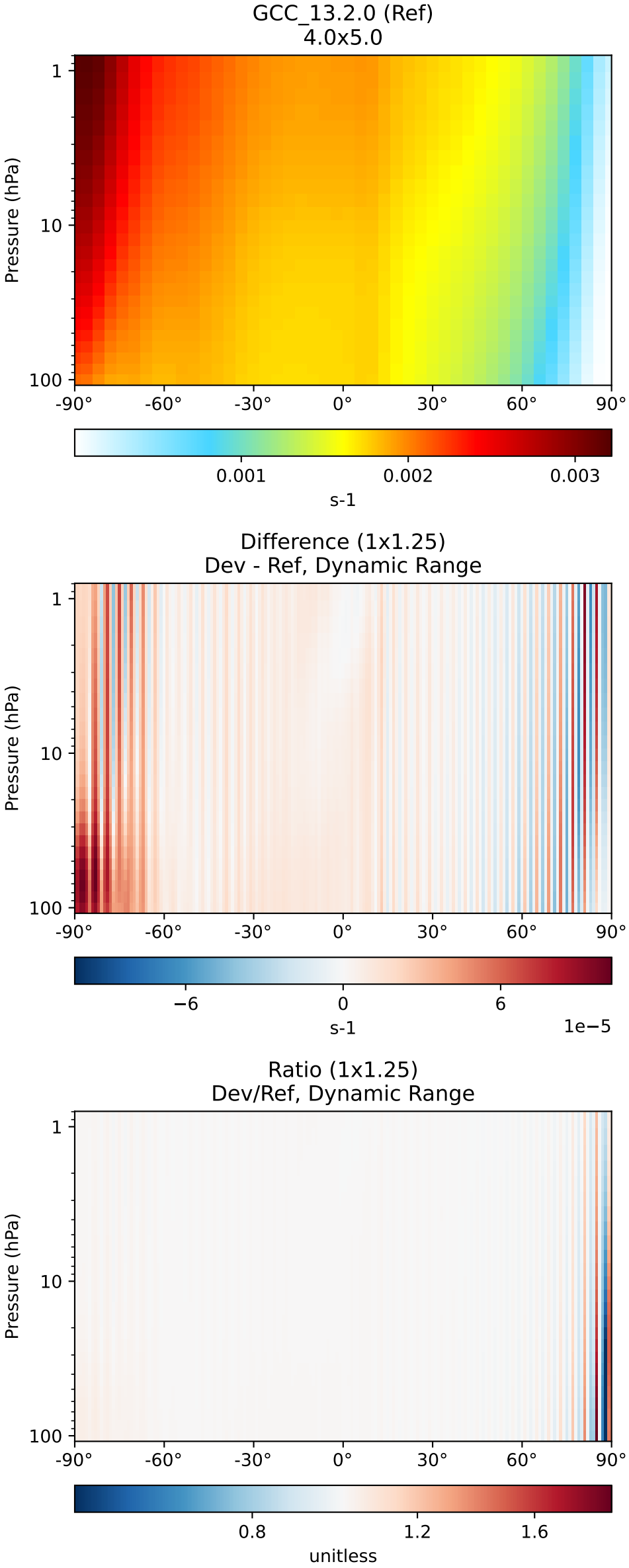


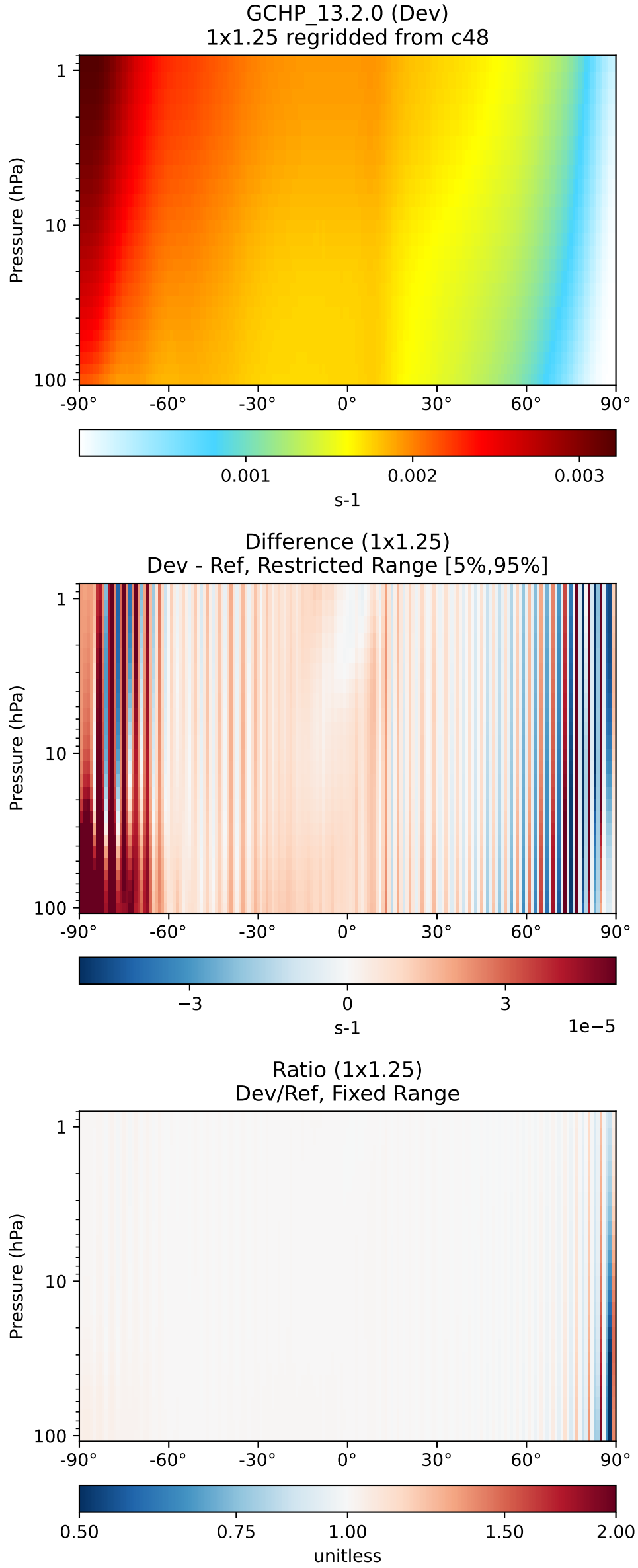




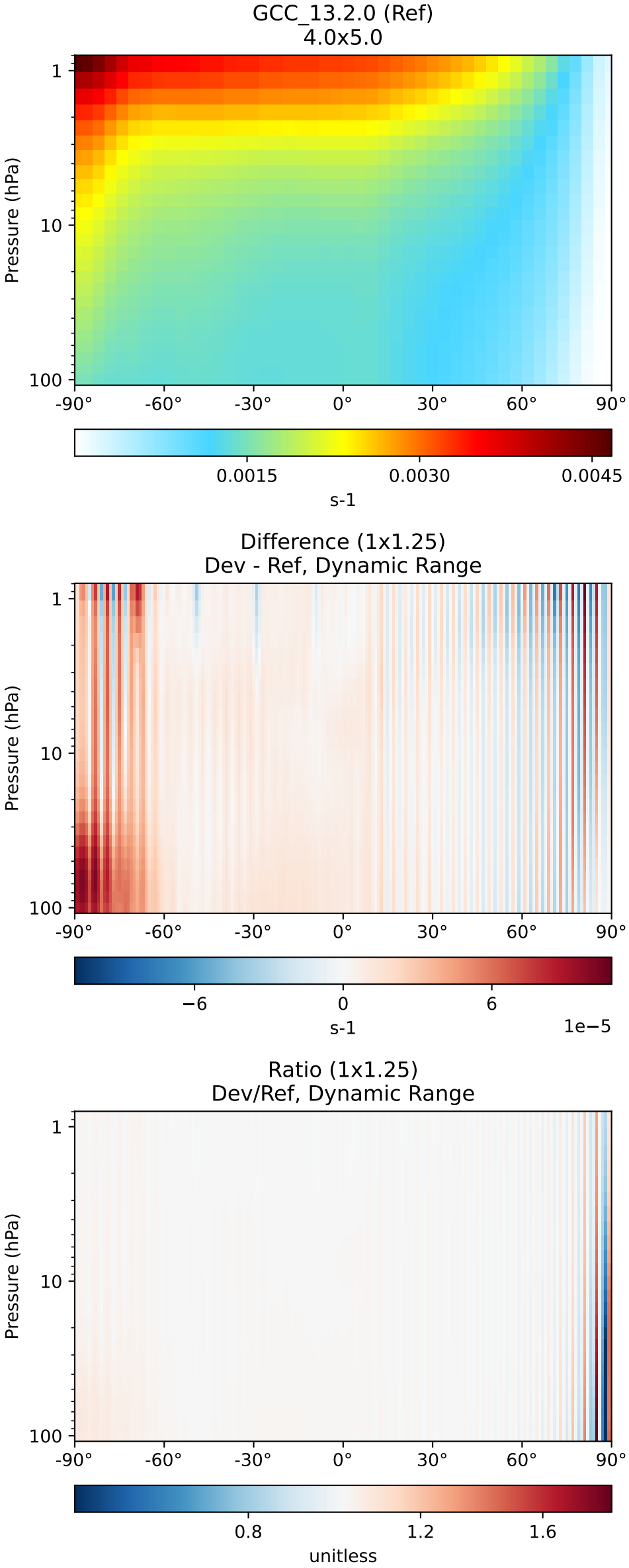


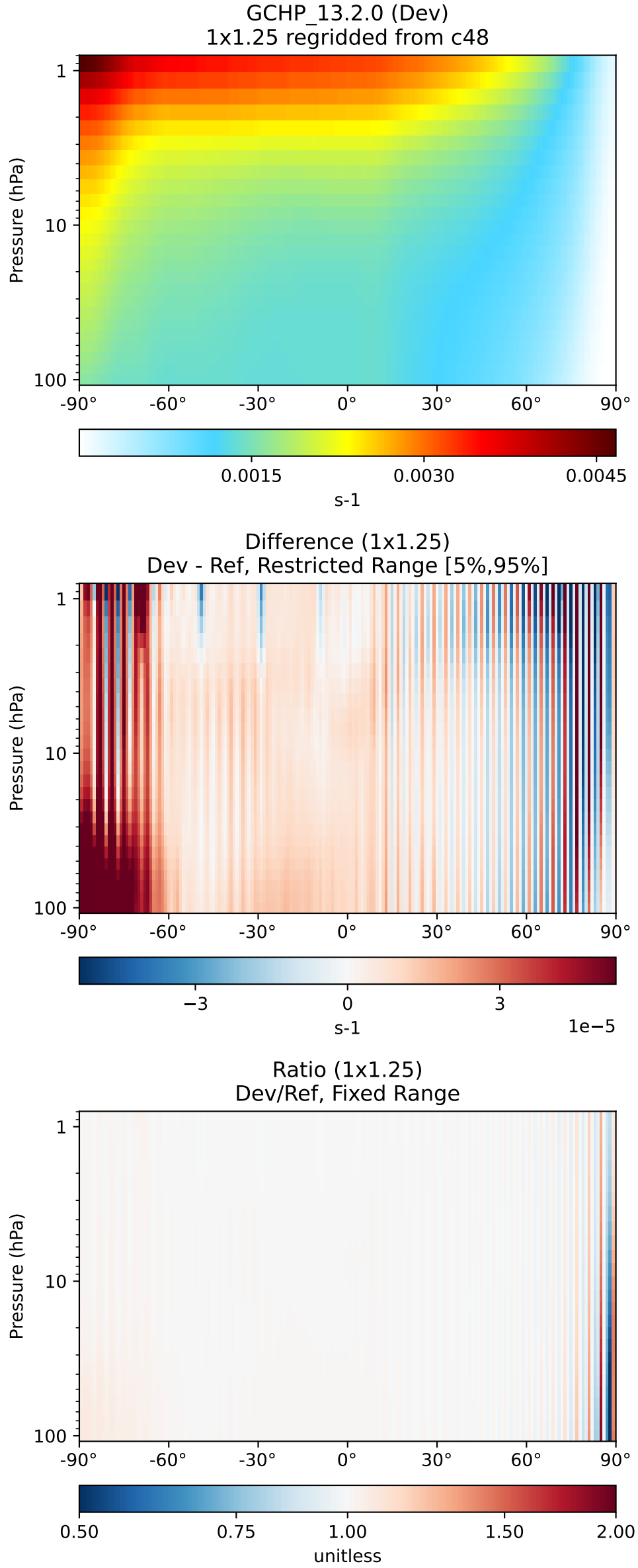
Jval_Cl2, Zonal Mean (Oct2019)



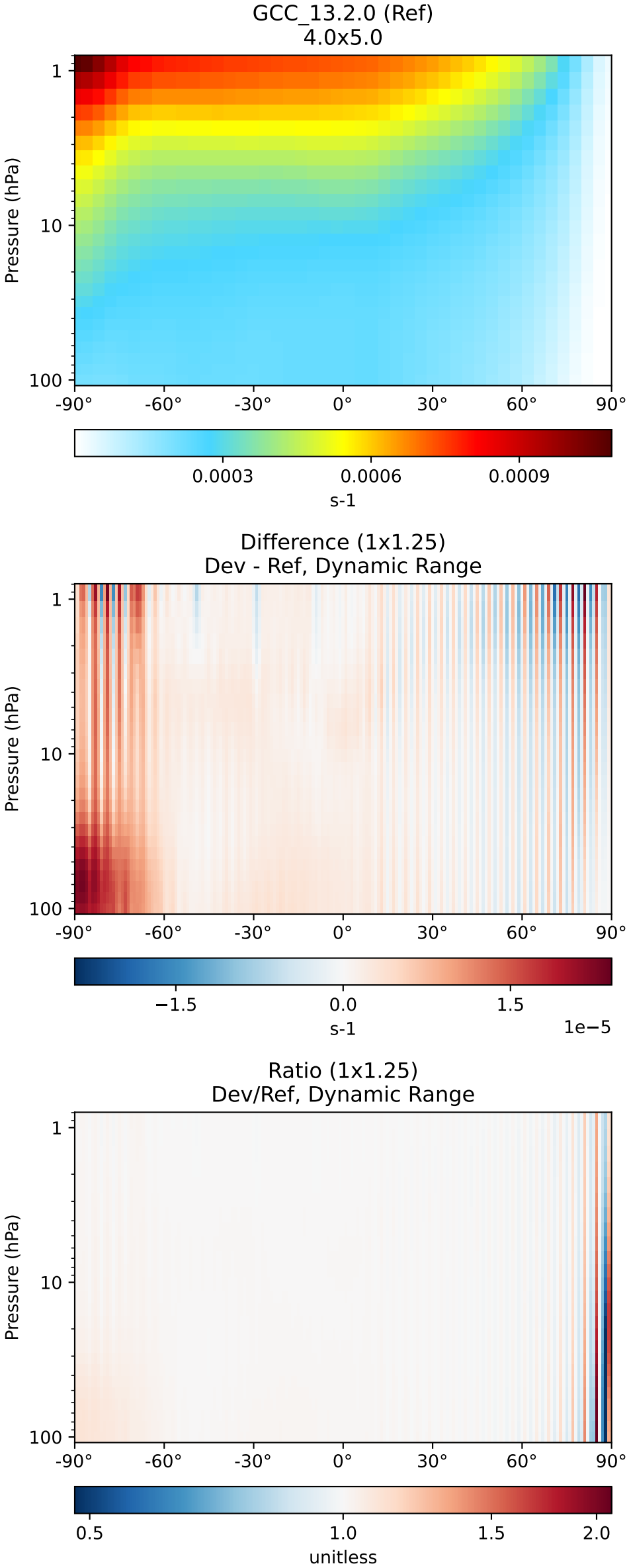


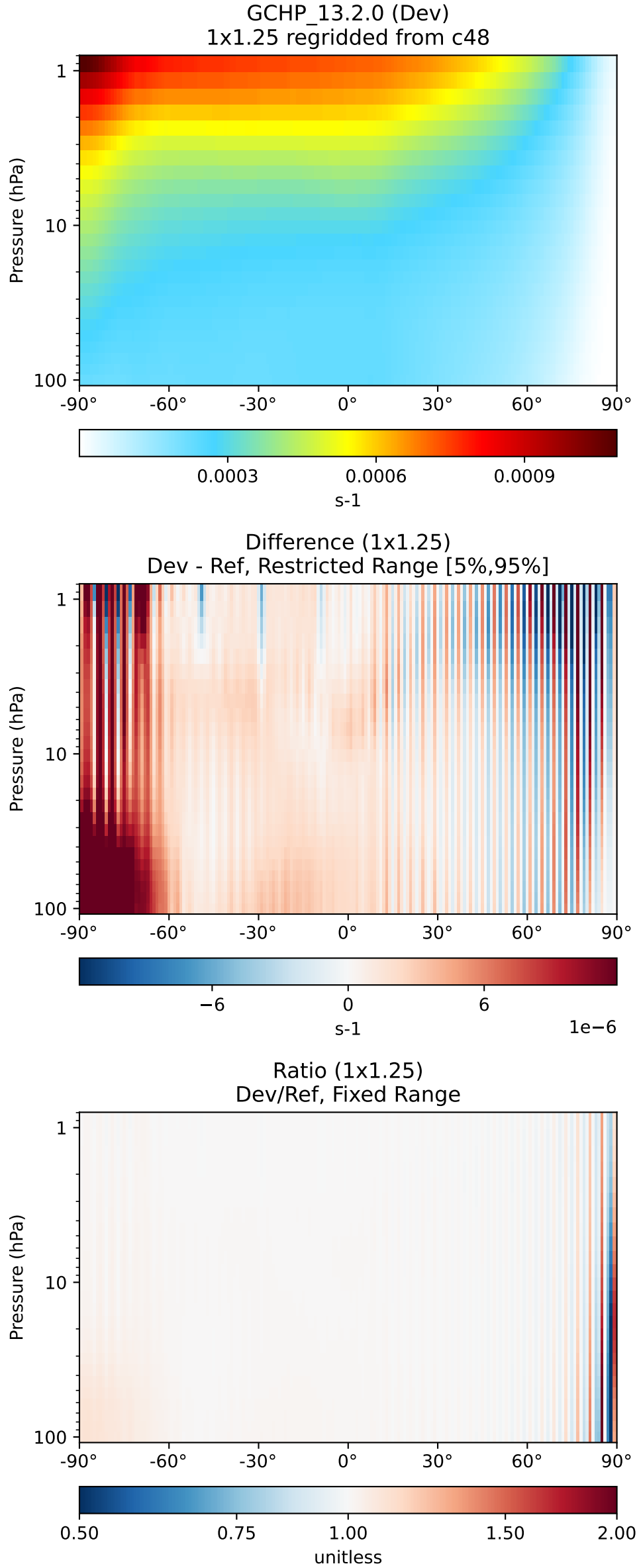
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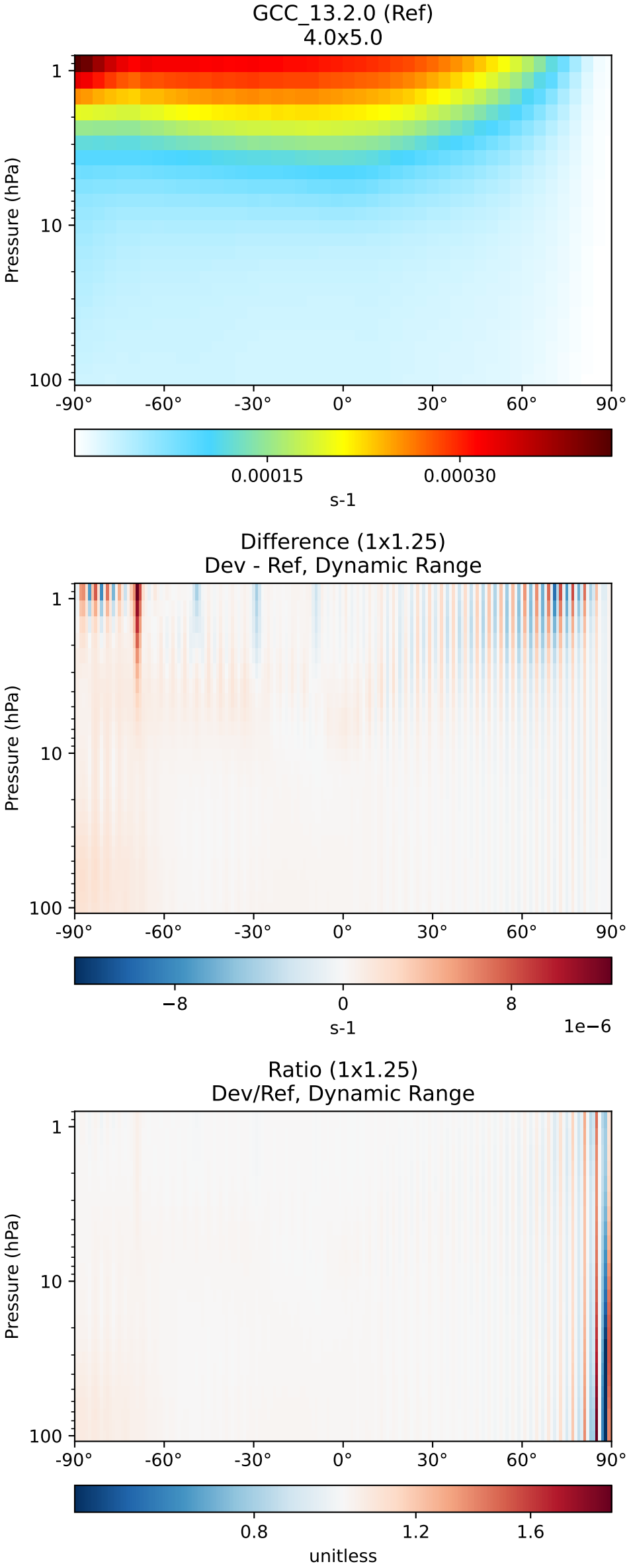


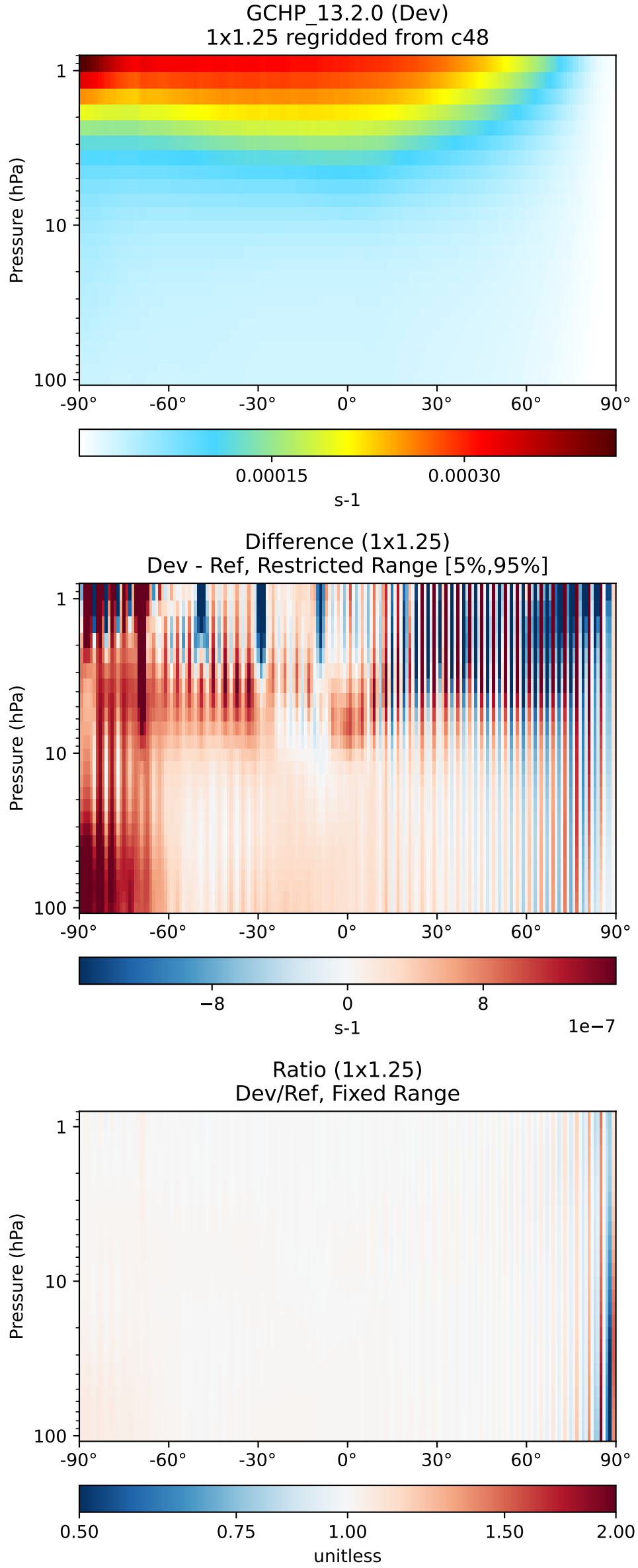
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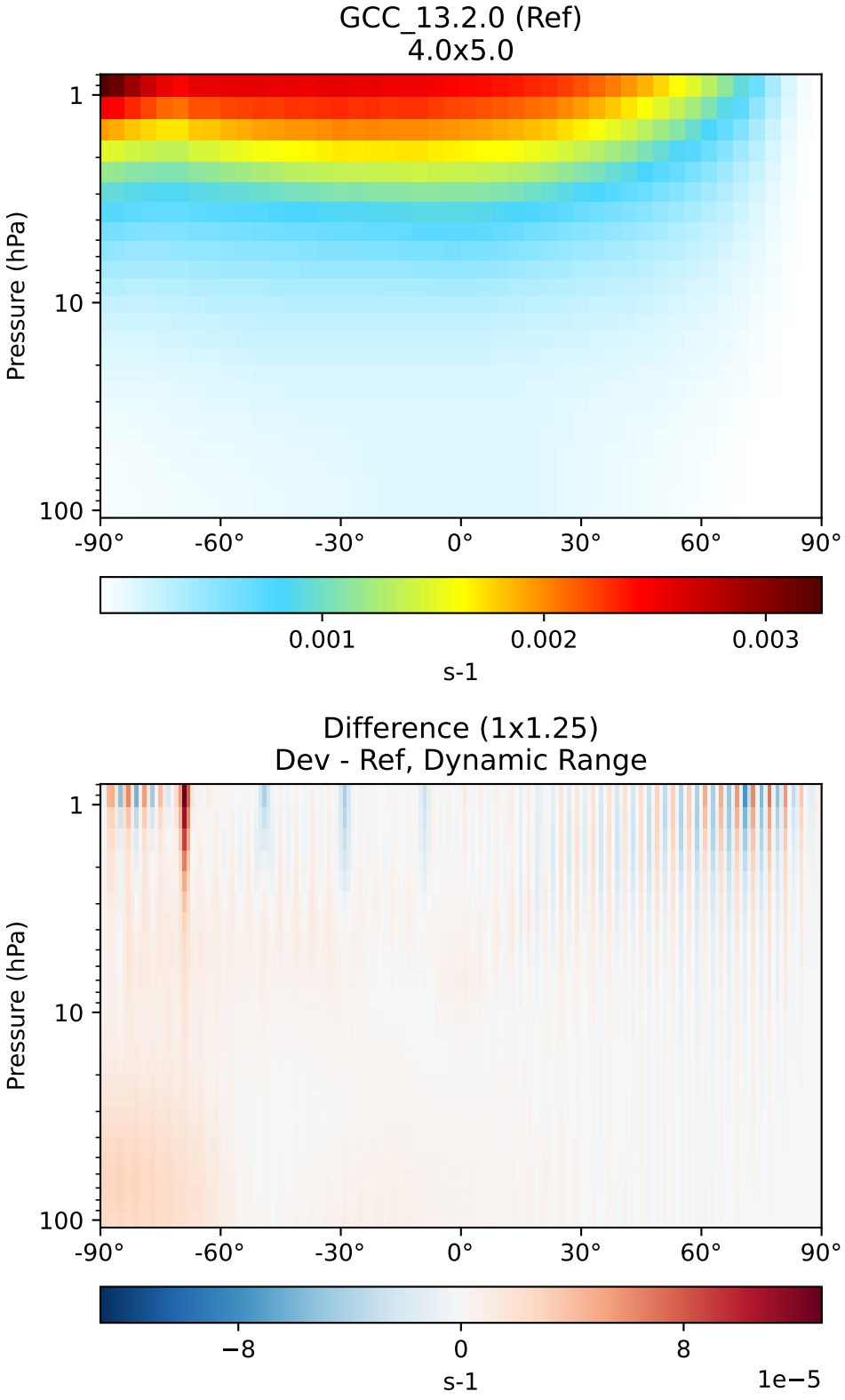


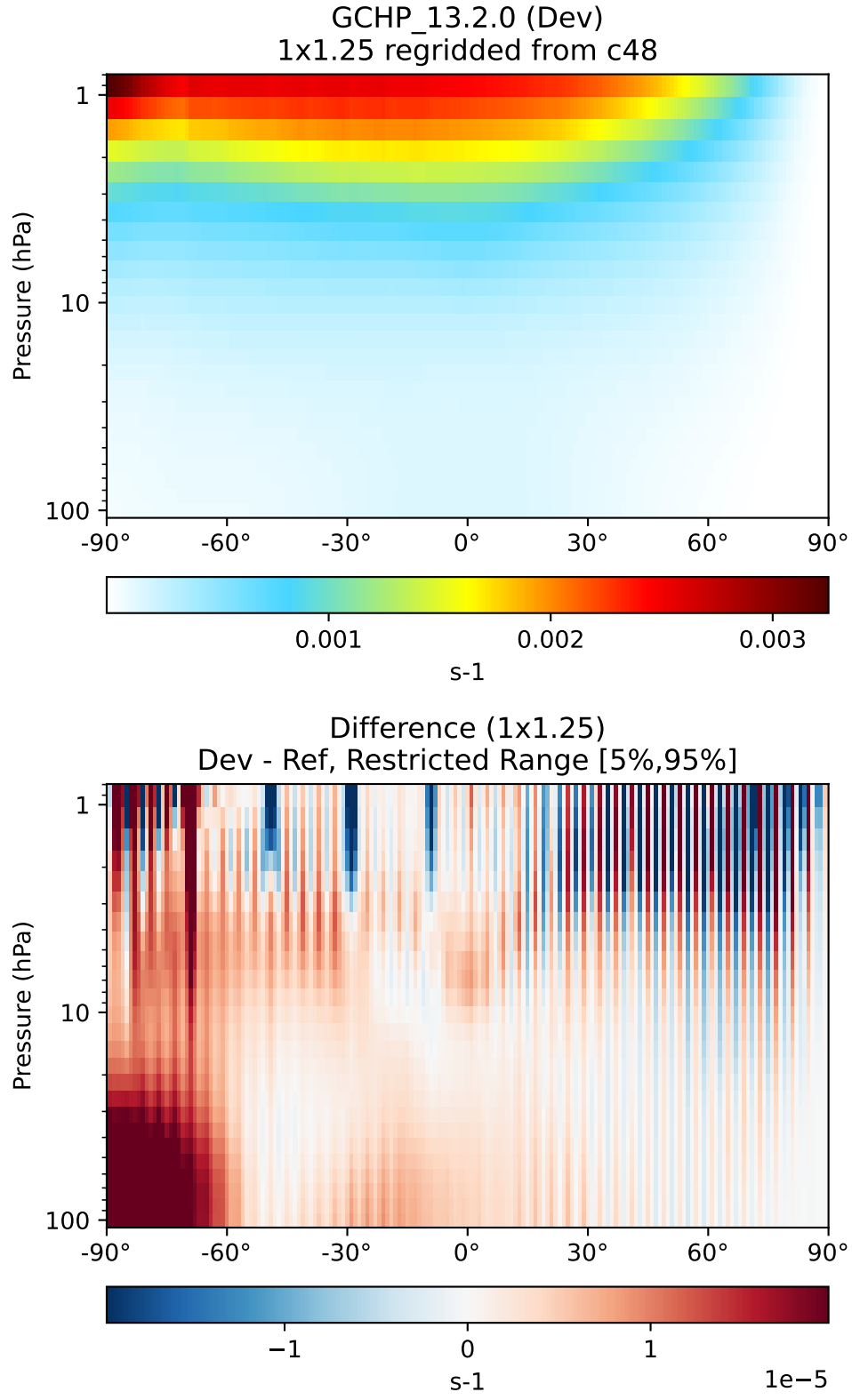
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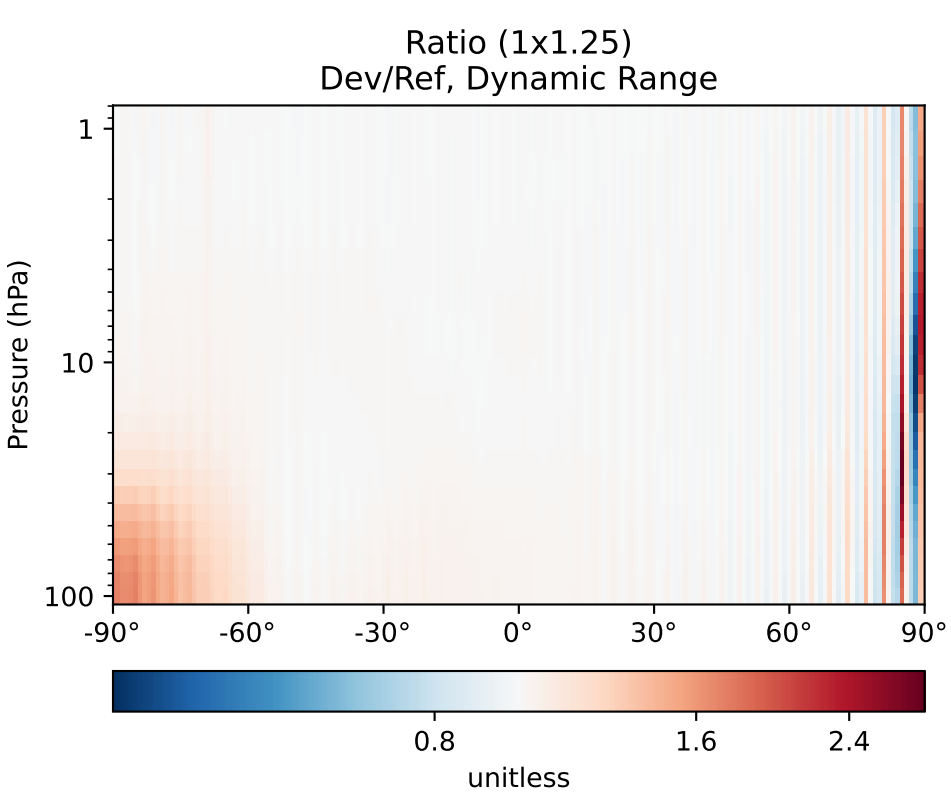


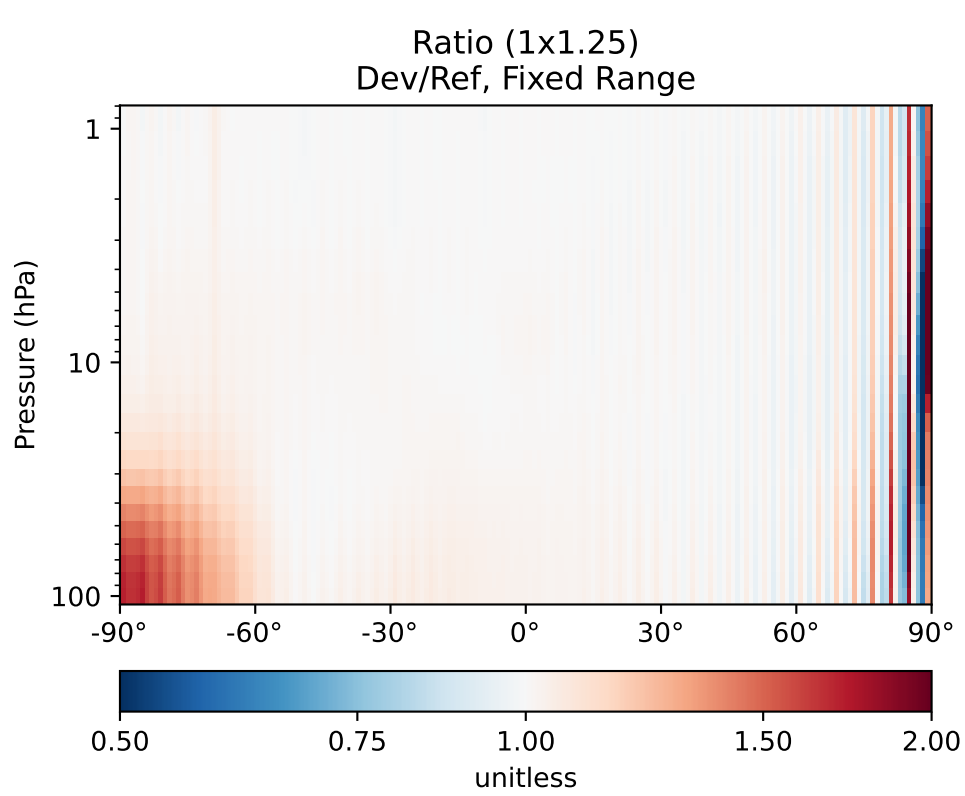


Jval_ClO, Zonal Mean (Oct2019)

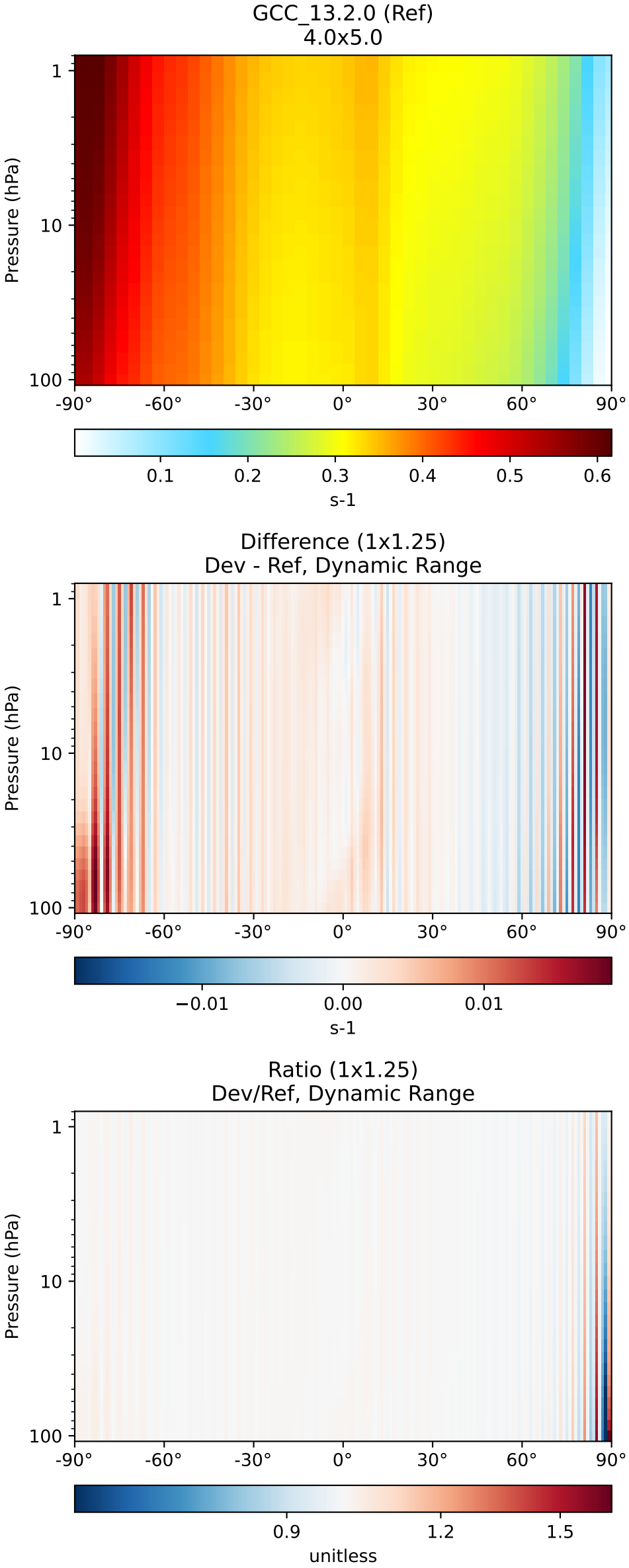


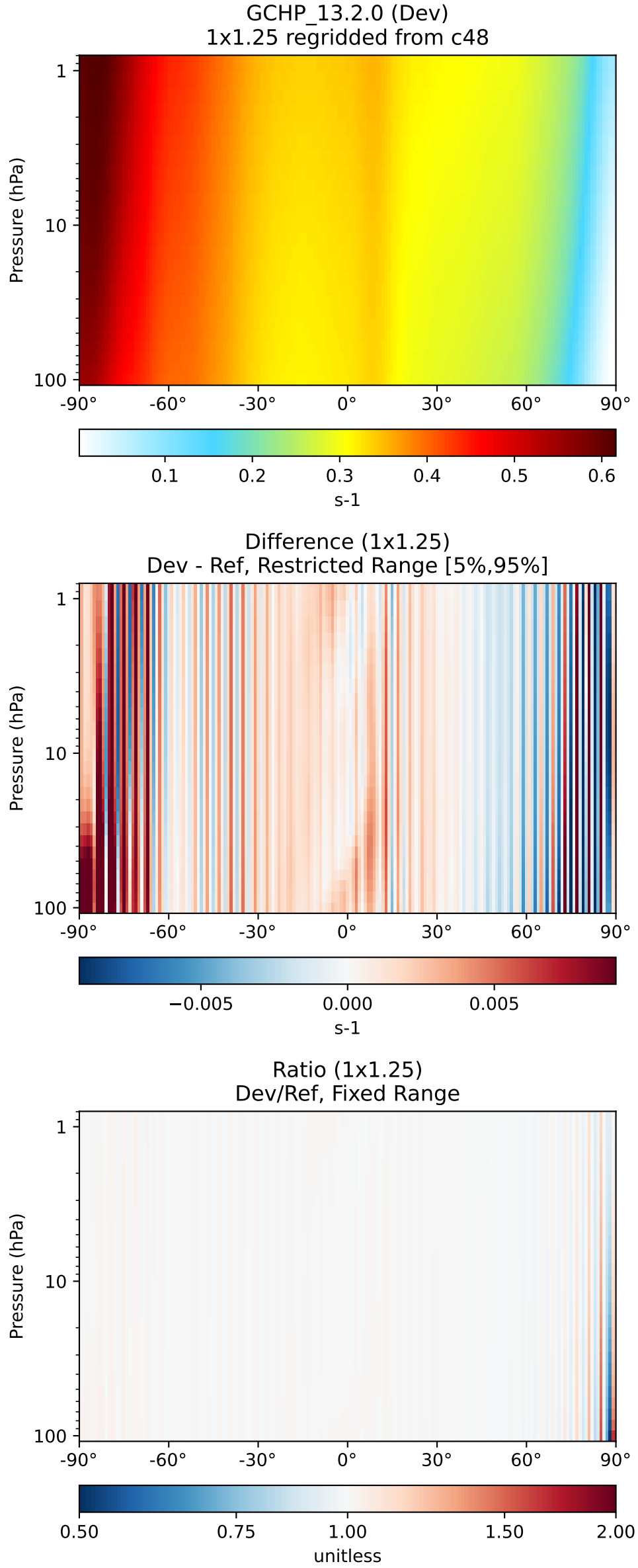




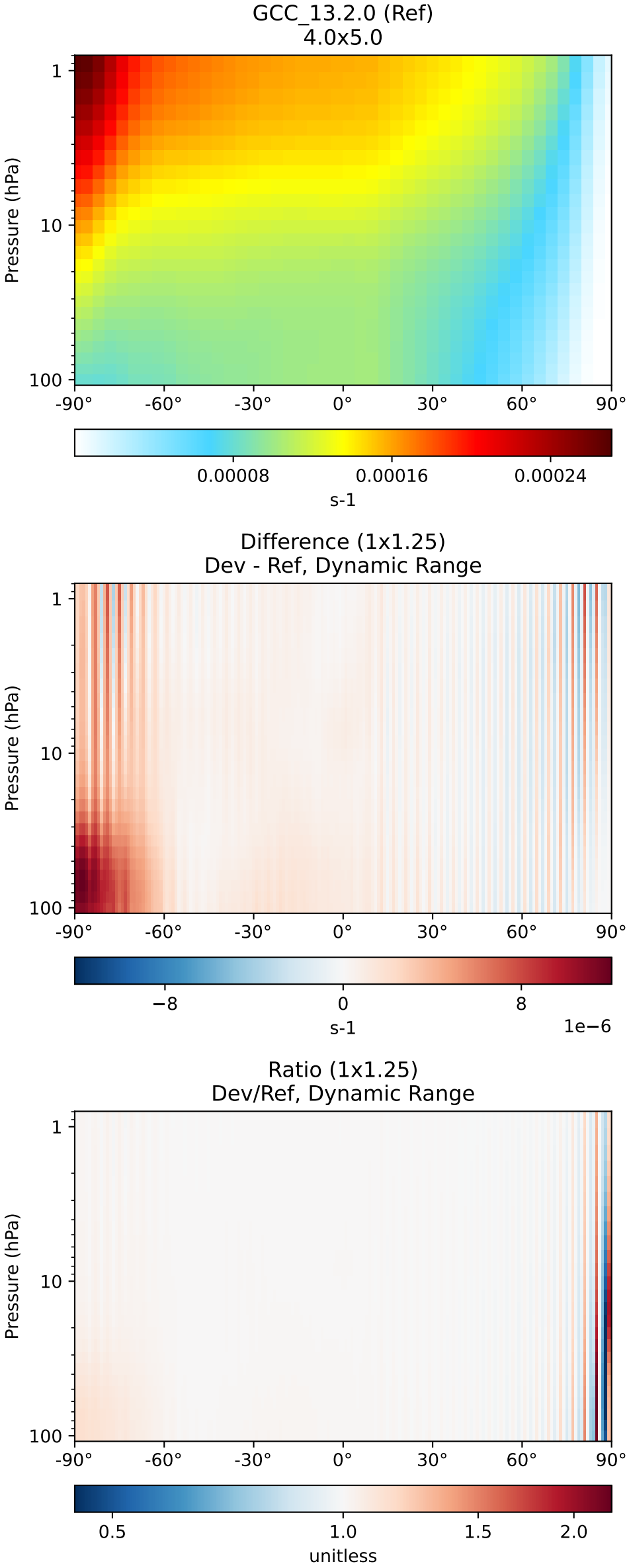


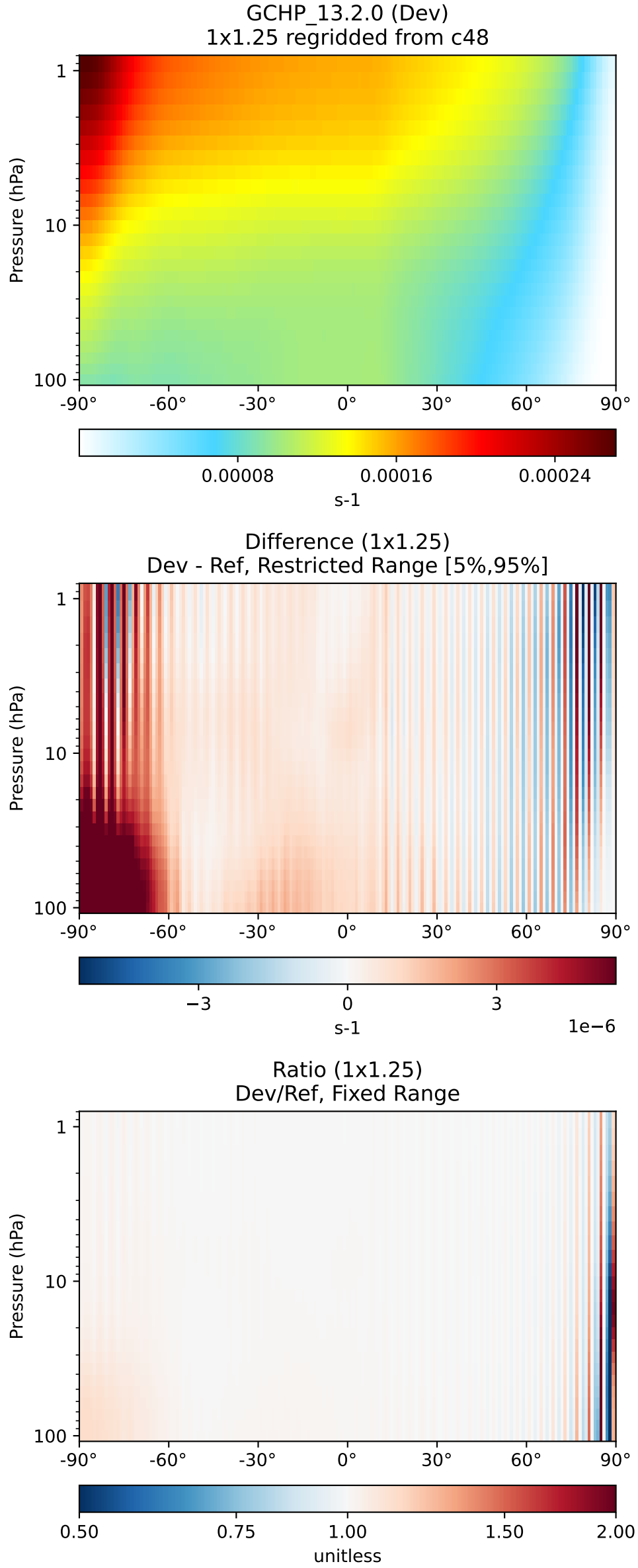
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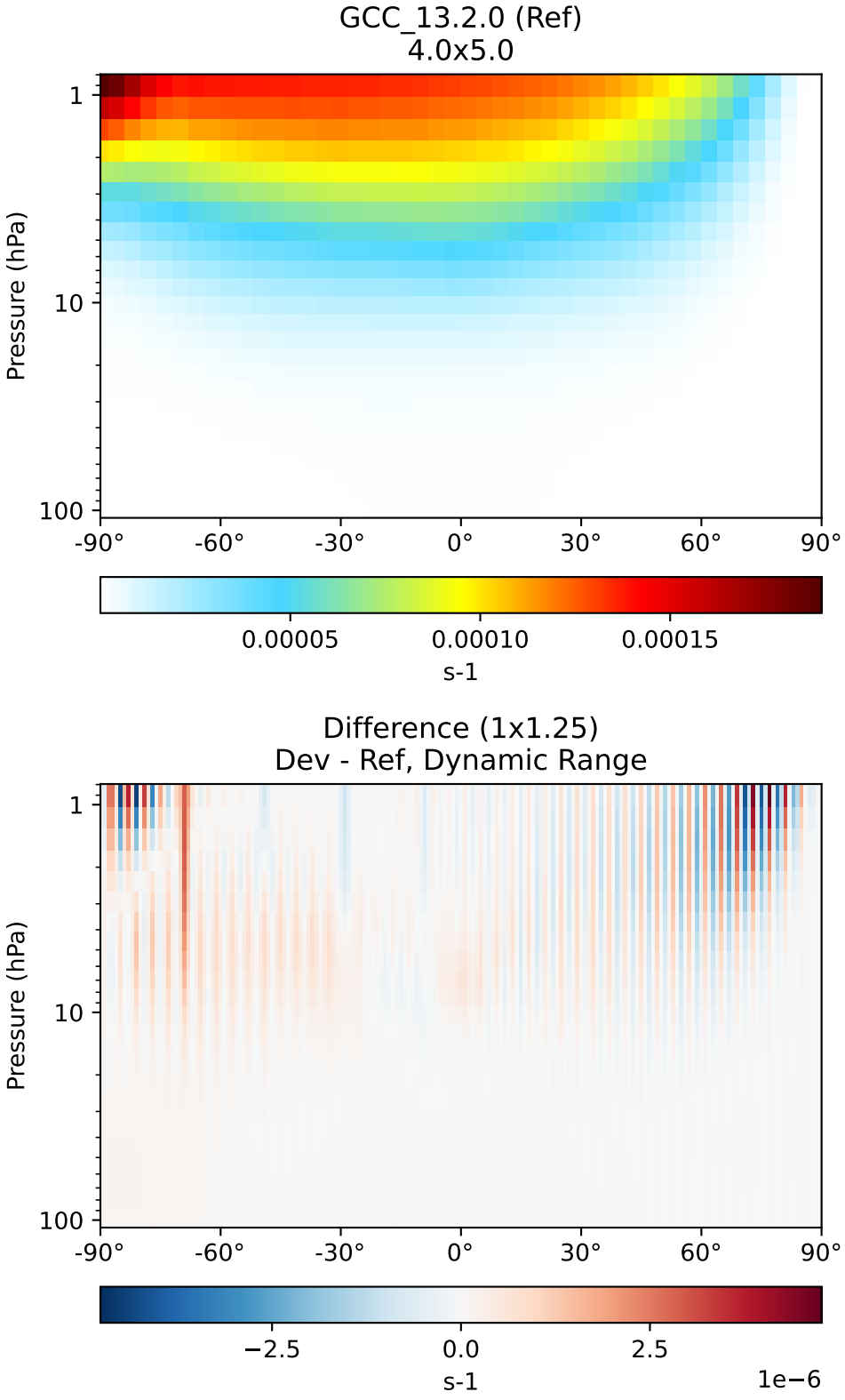


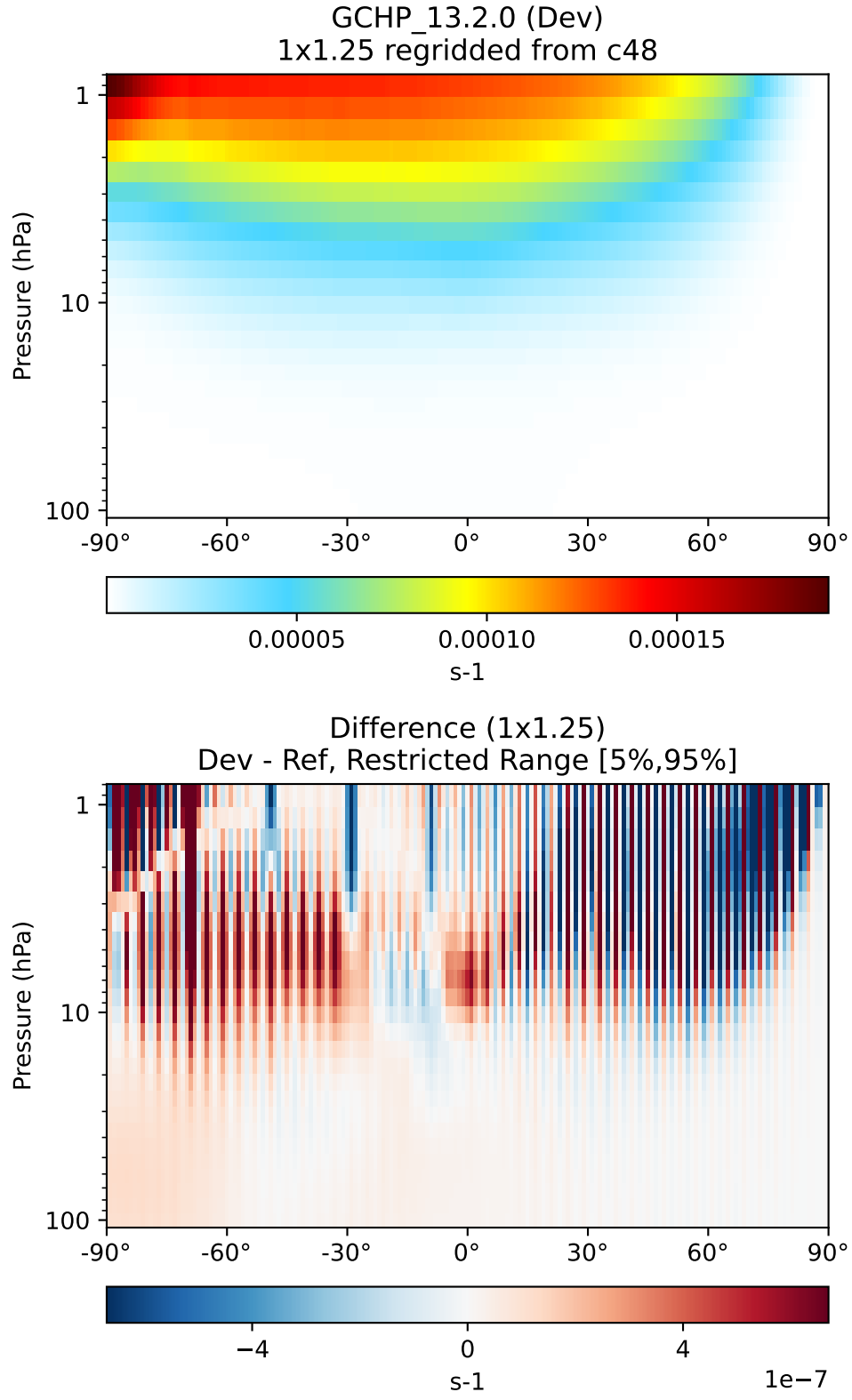
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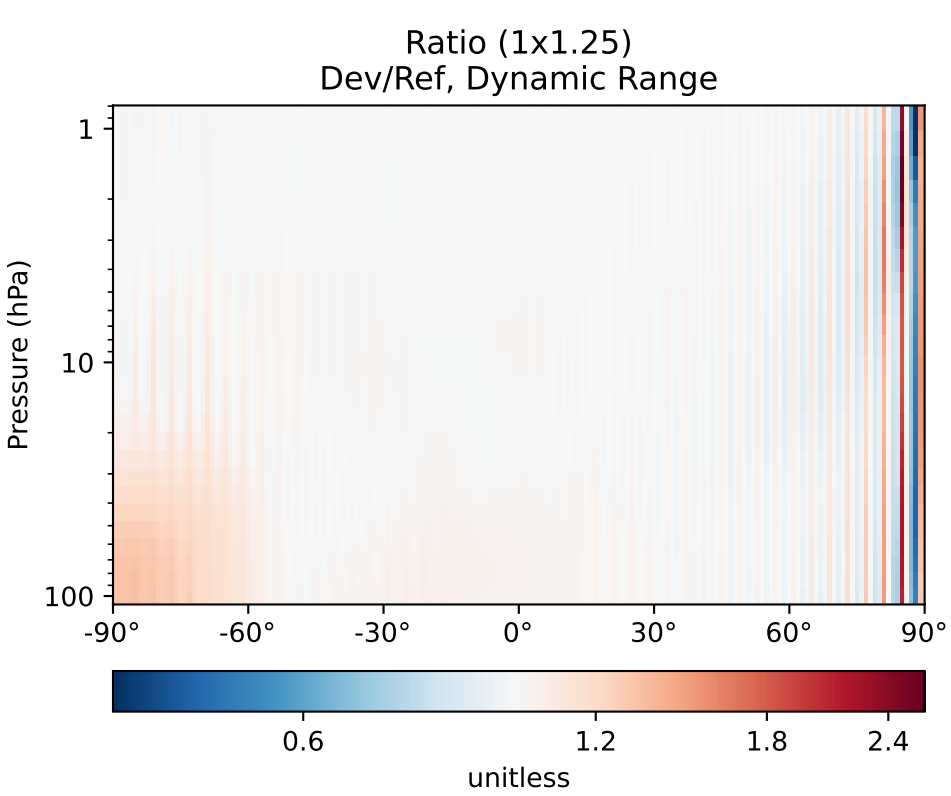


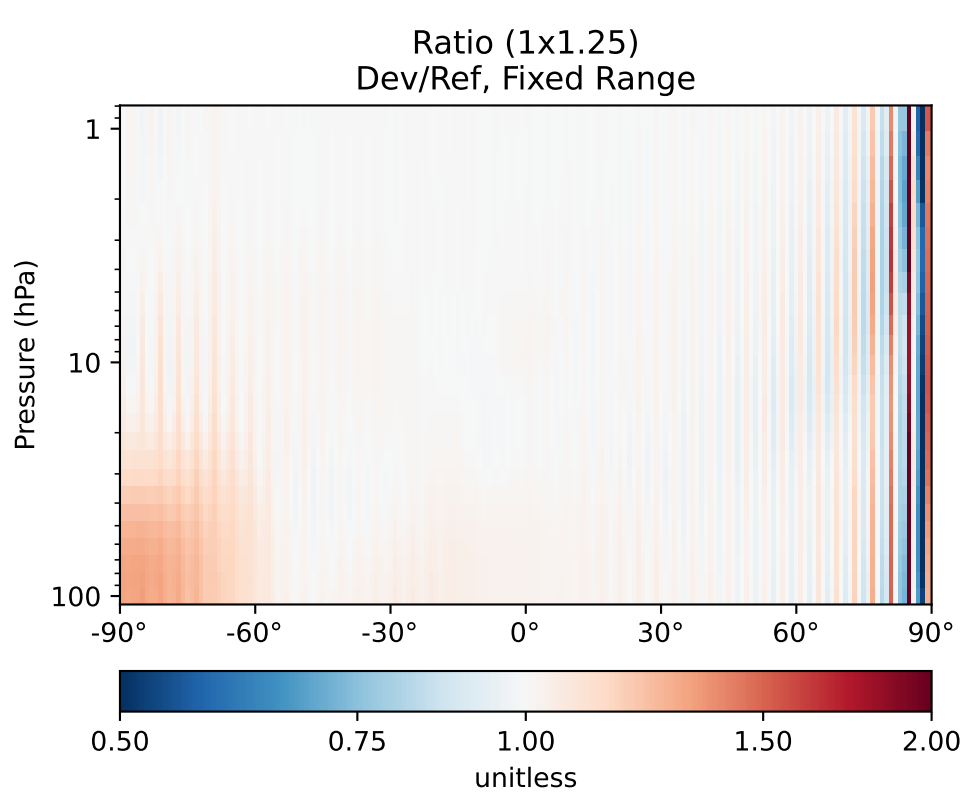


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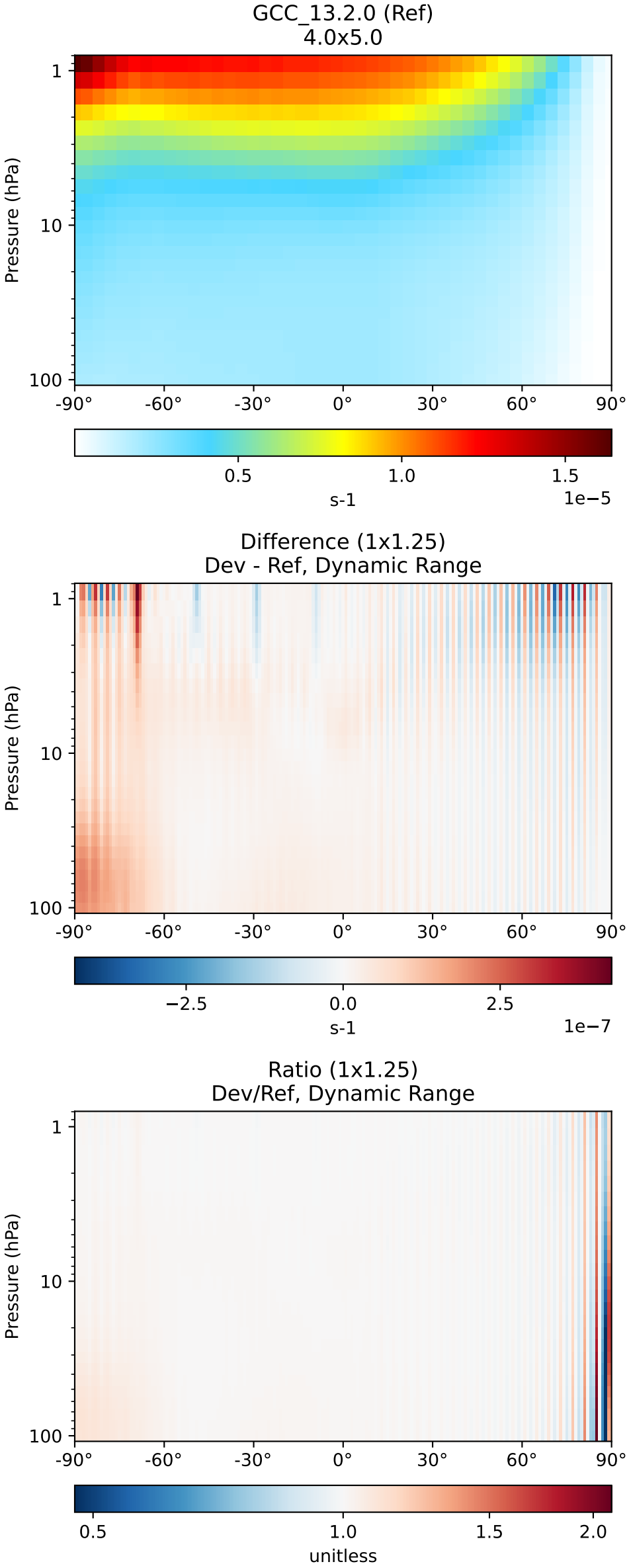


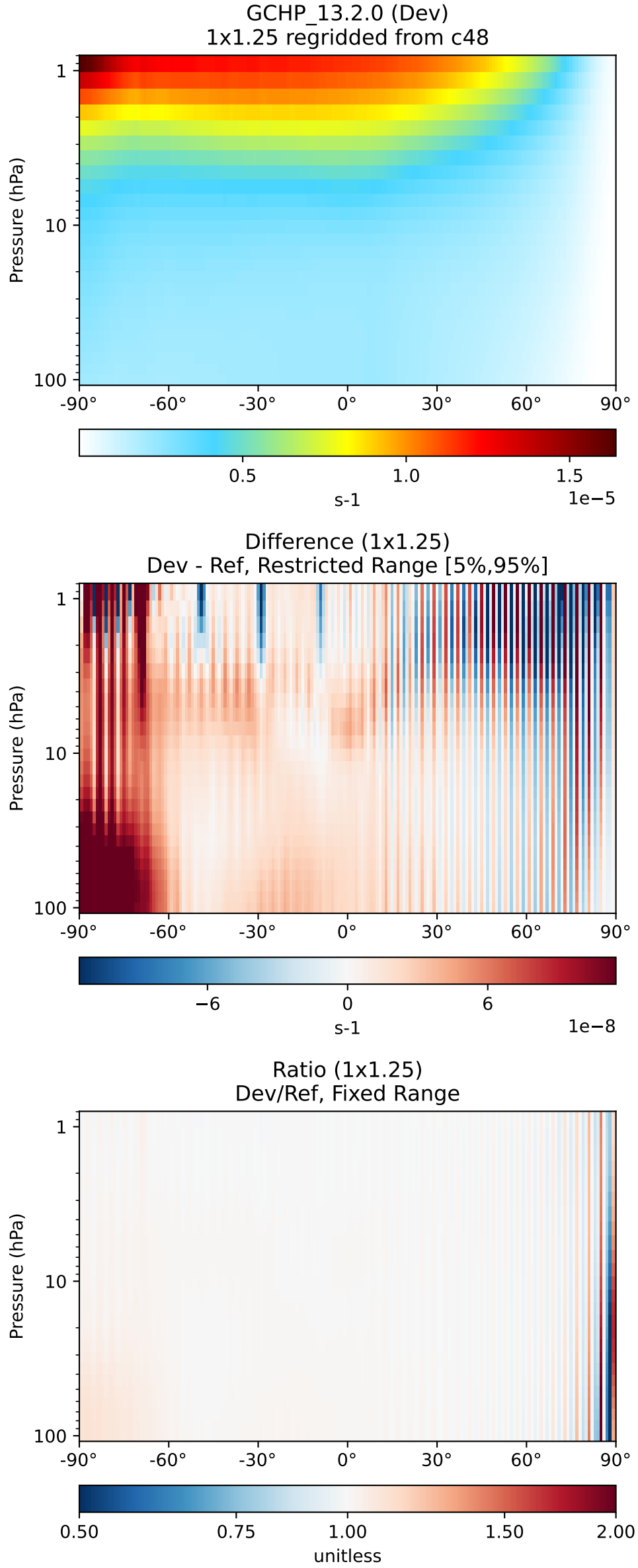




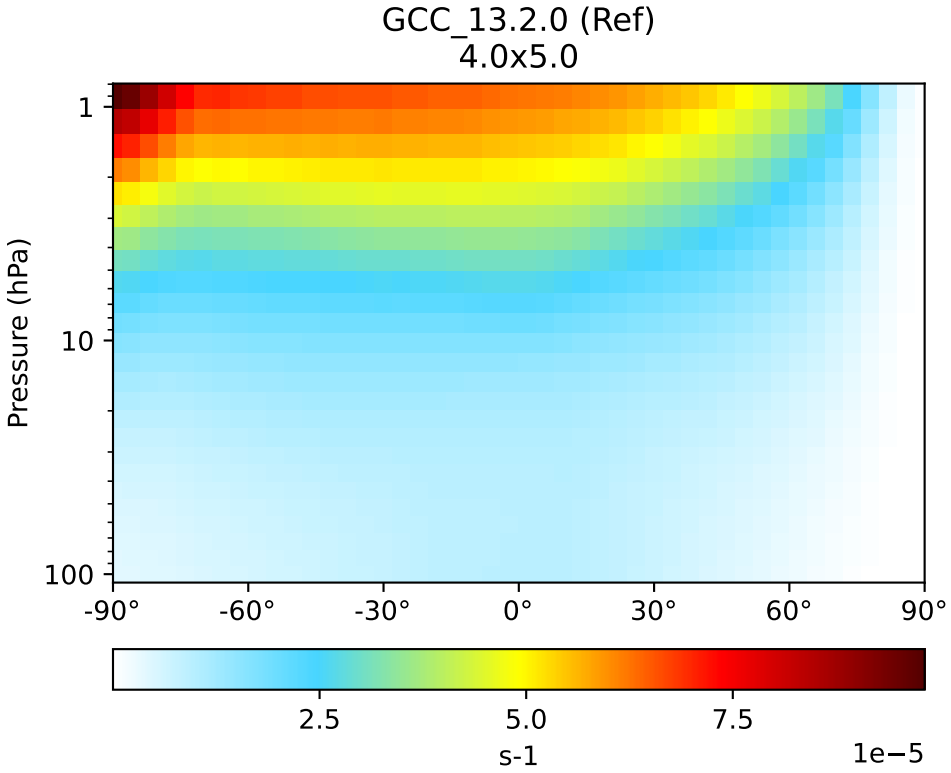


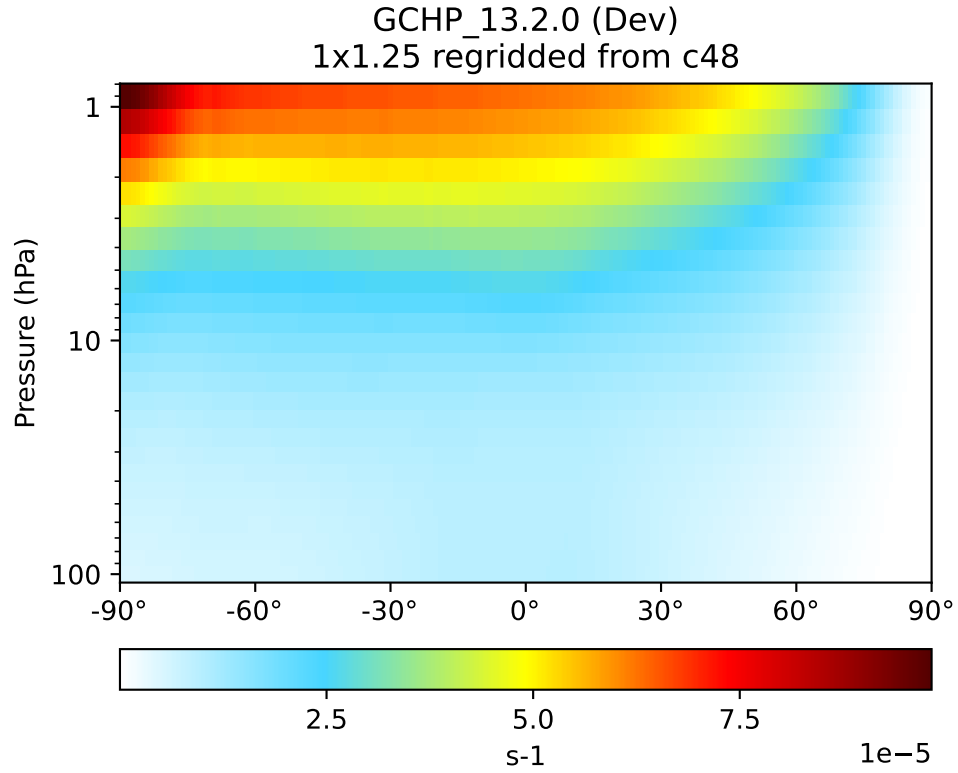
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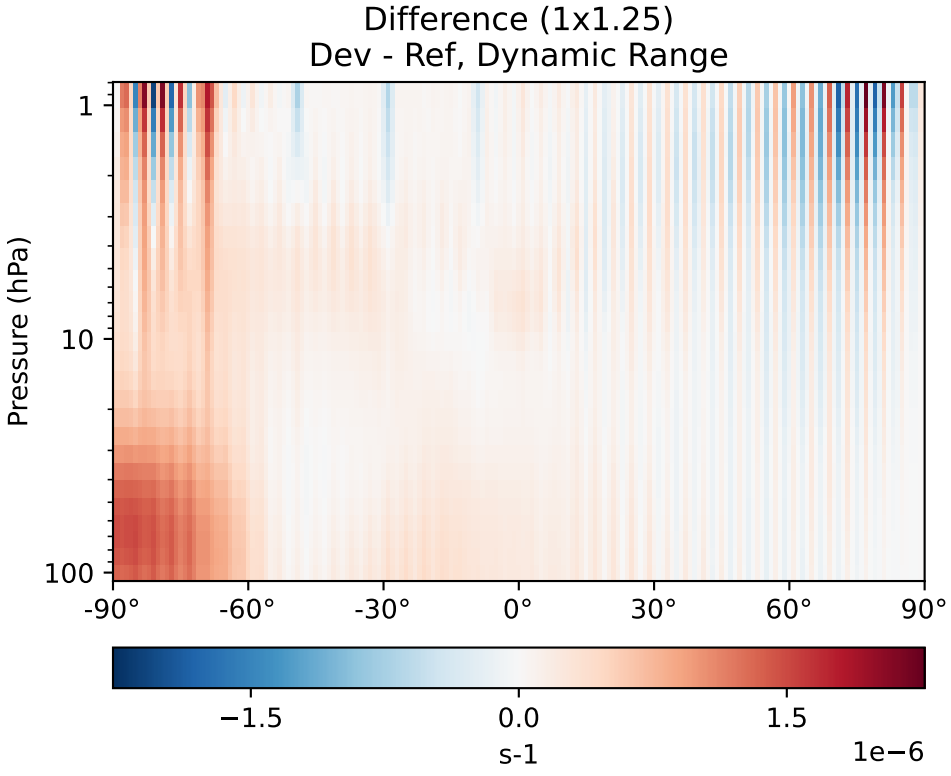


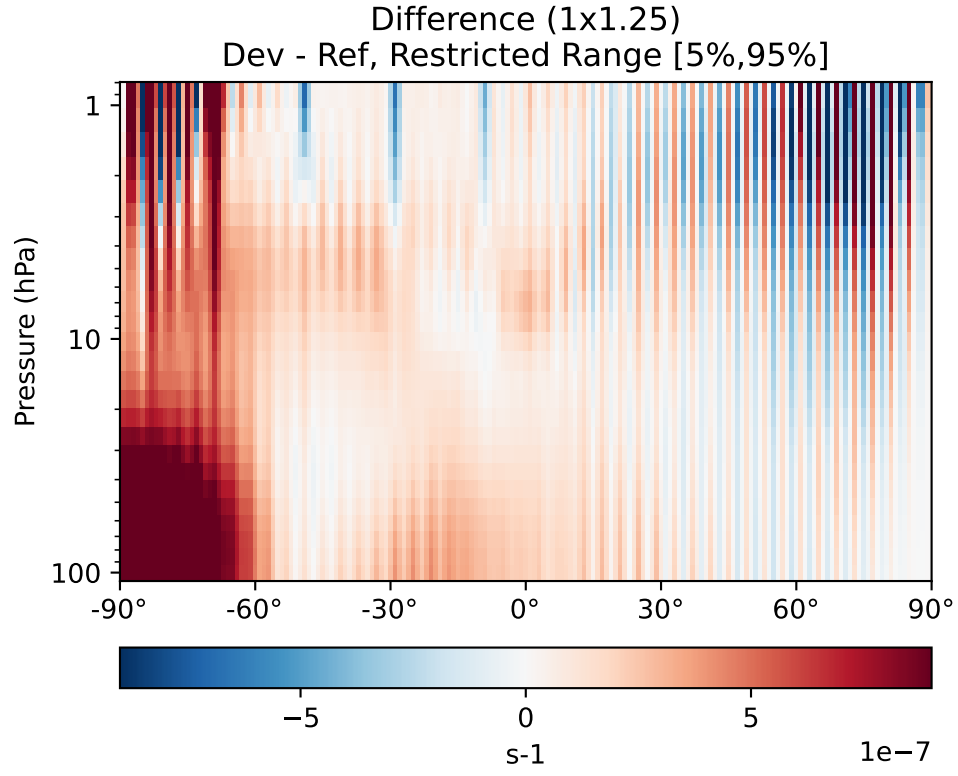


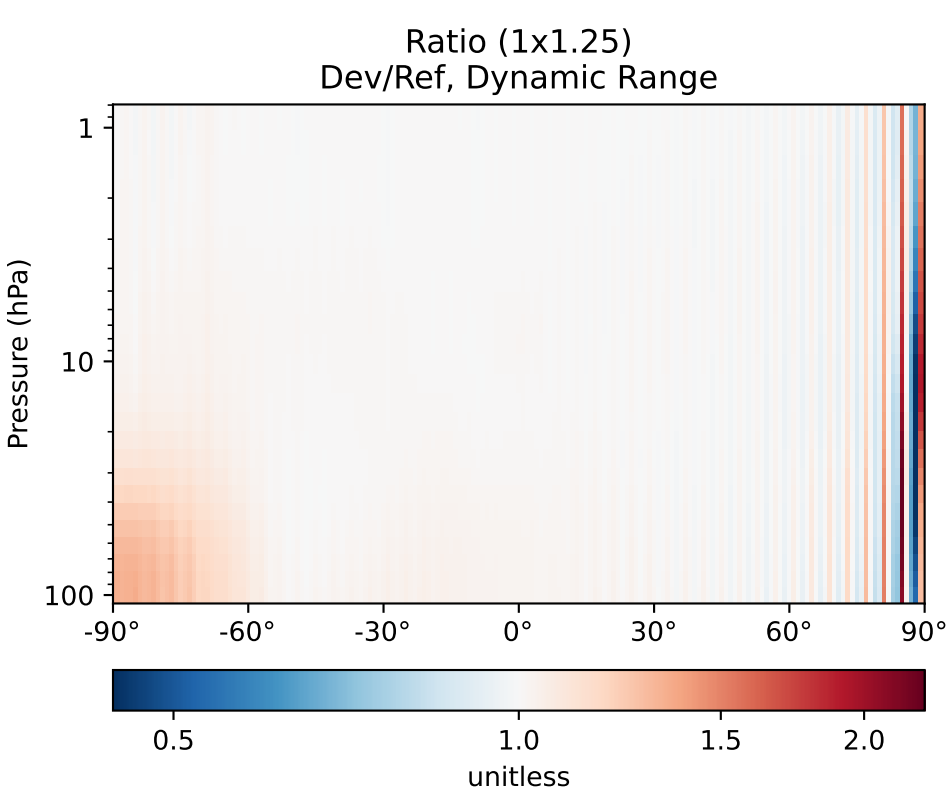
Jval_GLYC, Zonal Mean (Oct2019)

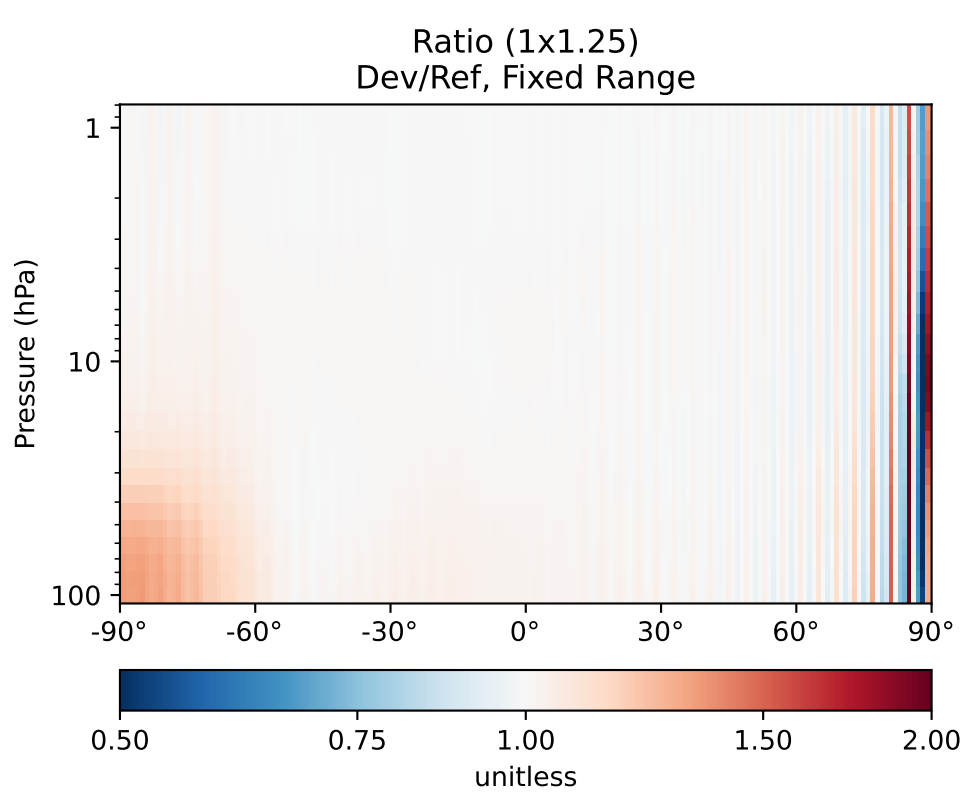




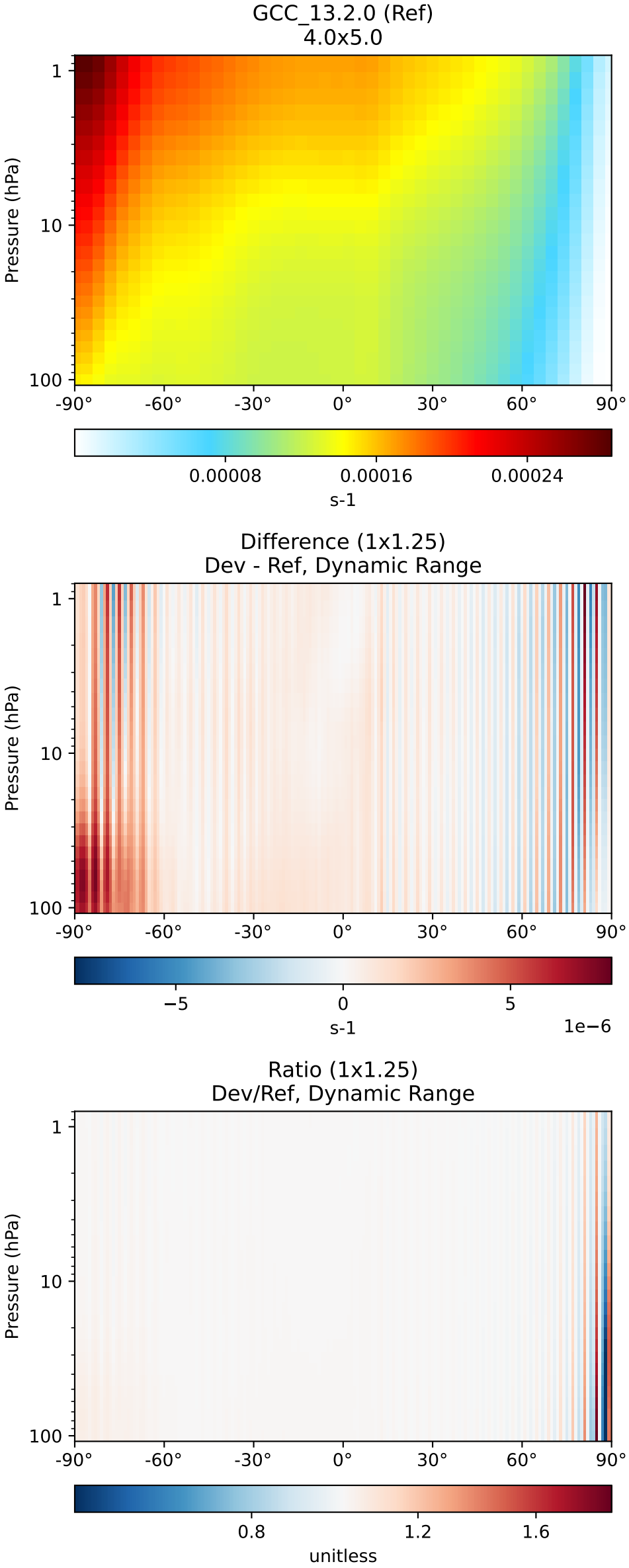


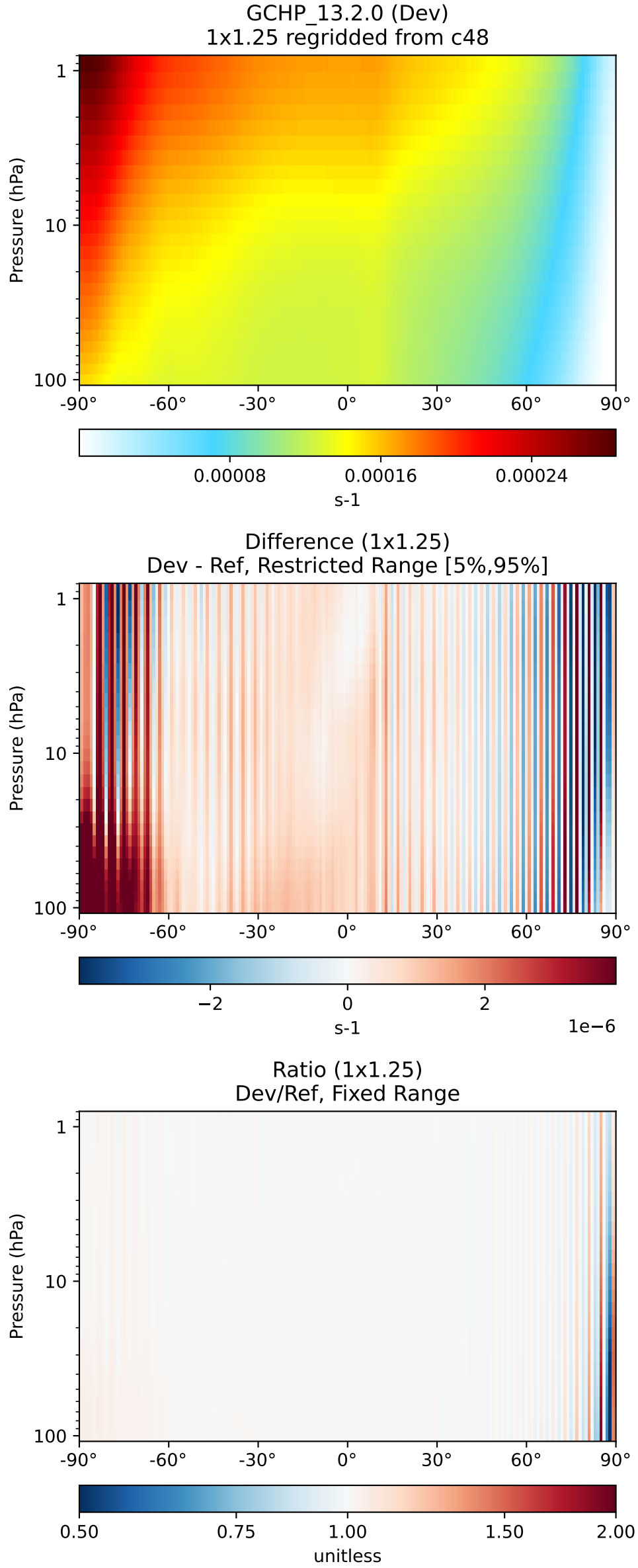




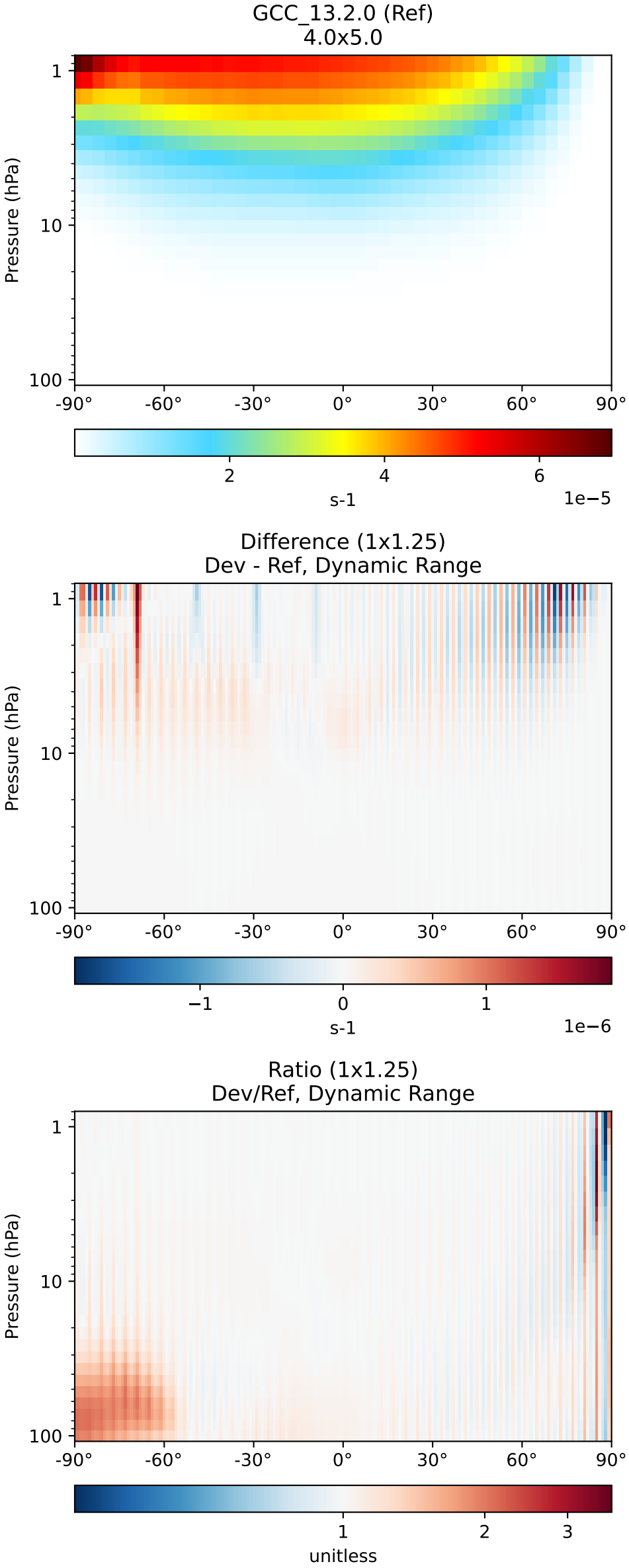


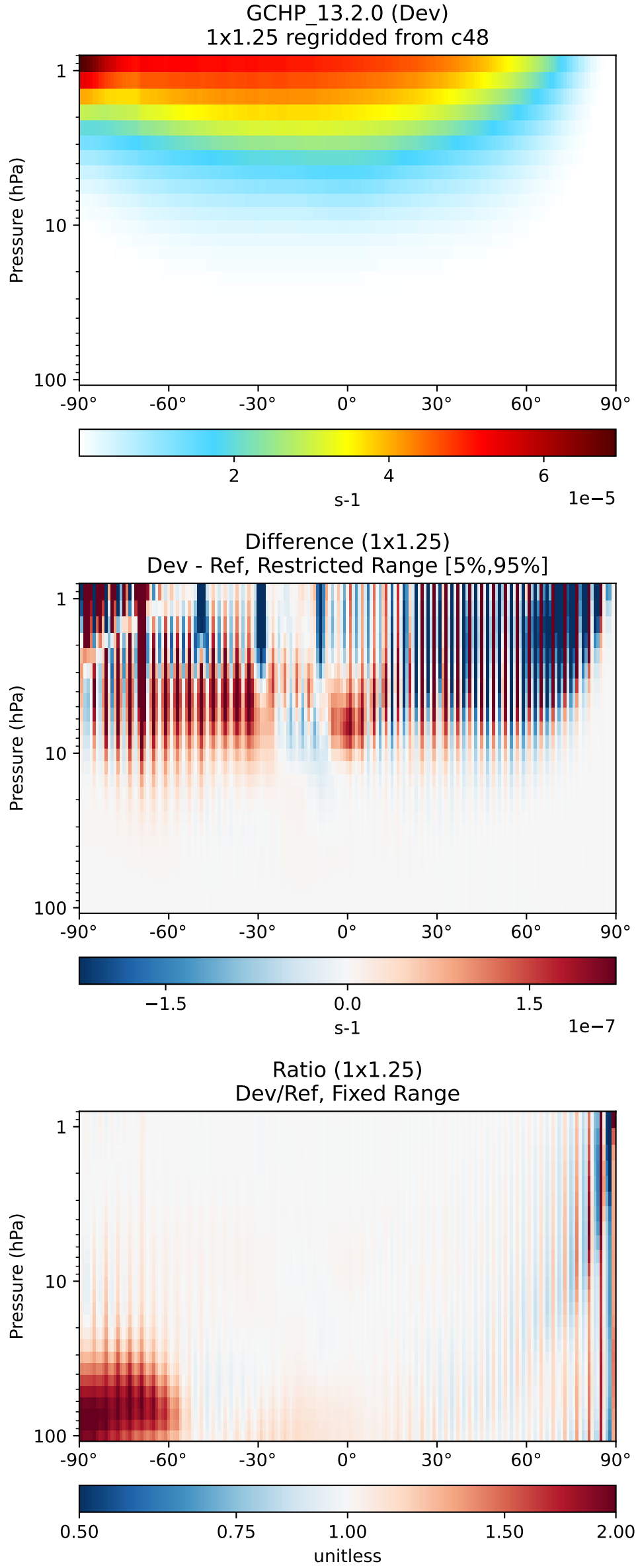
Jval_GLYX, Zonal Mean (Oct2019)



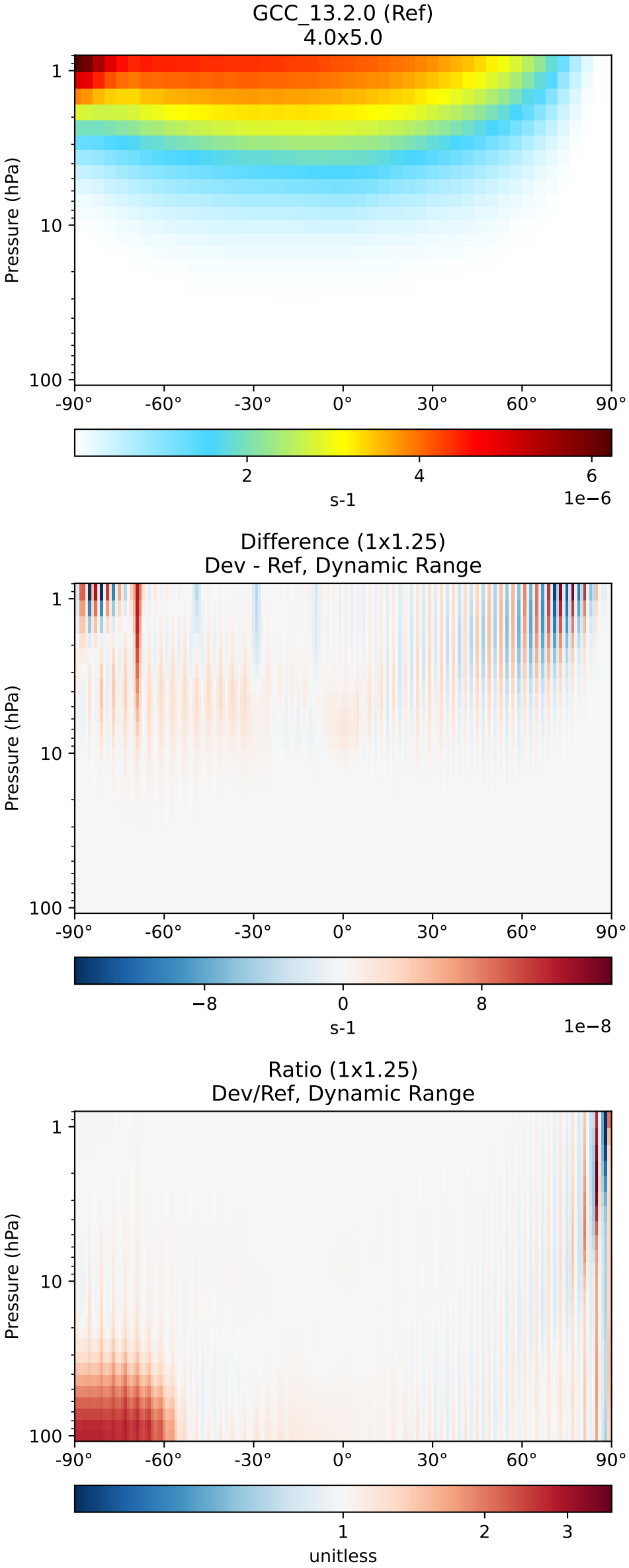


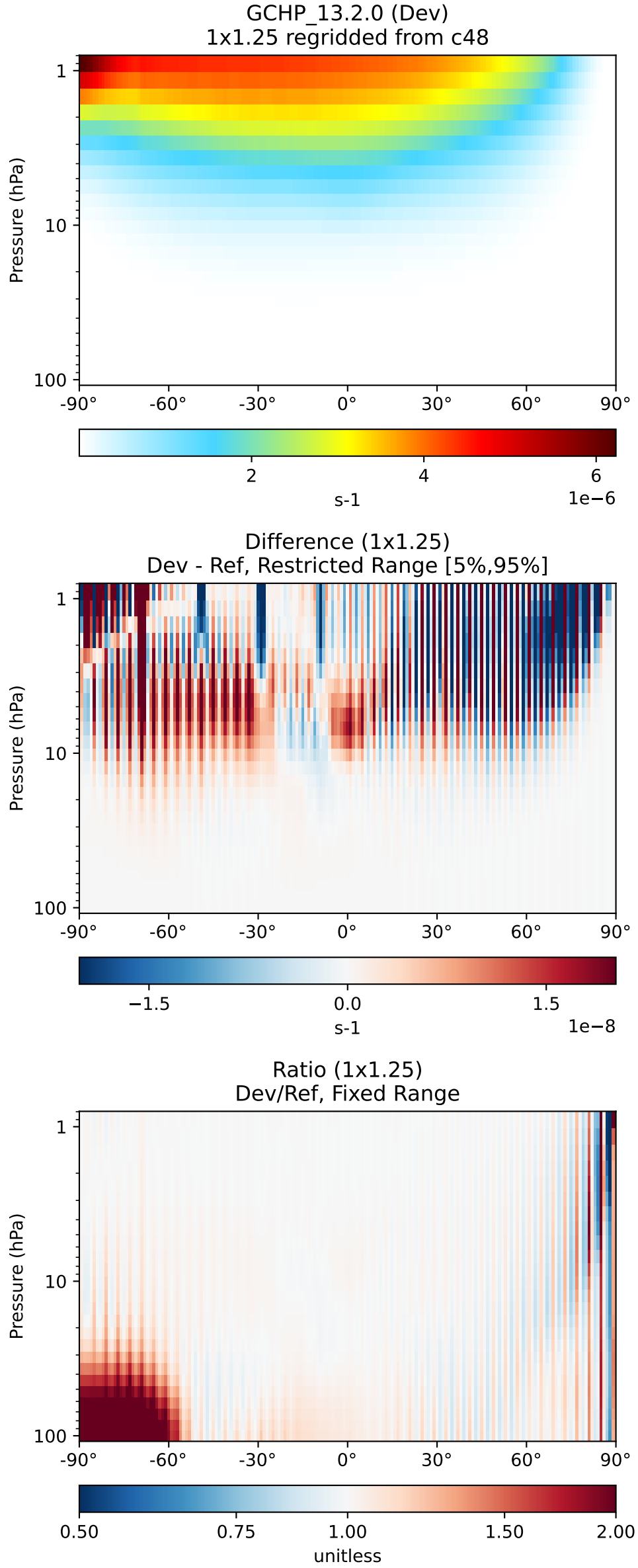
Jval_H1211, Zonal Mean (Oct2019)



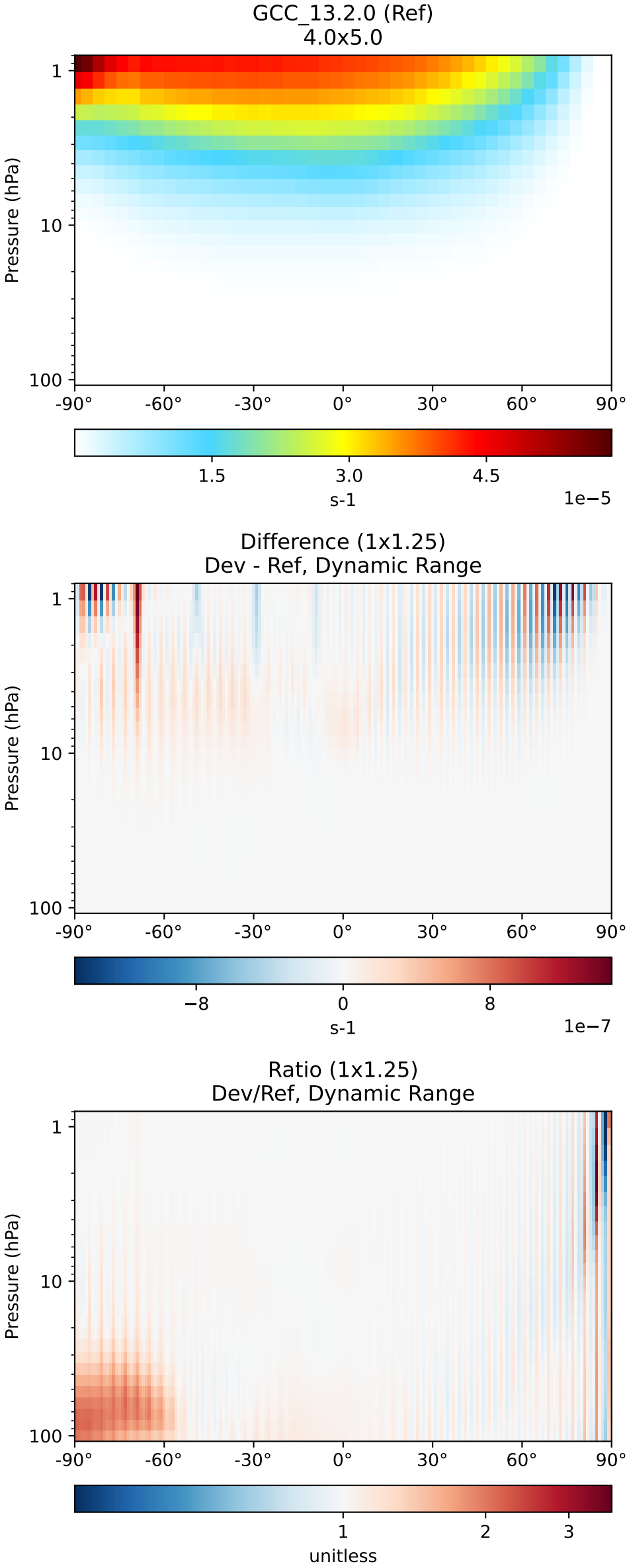


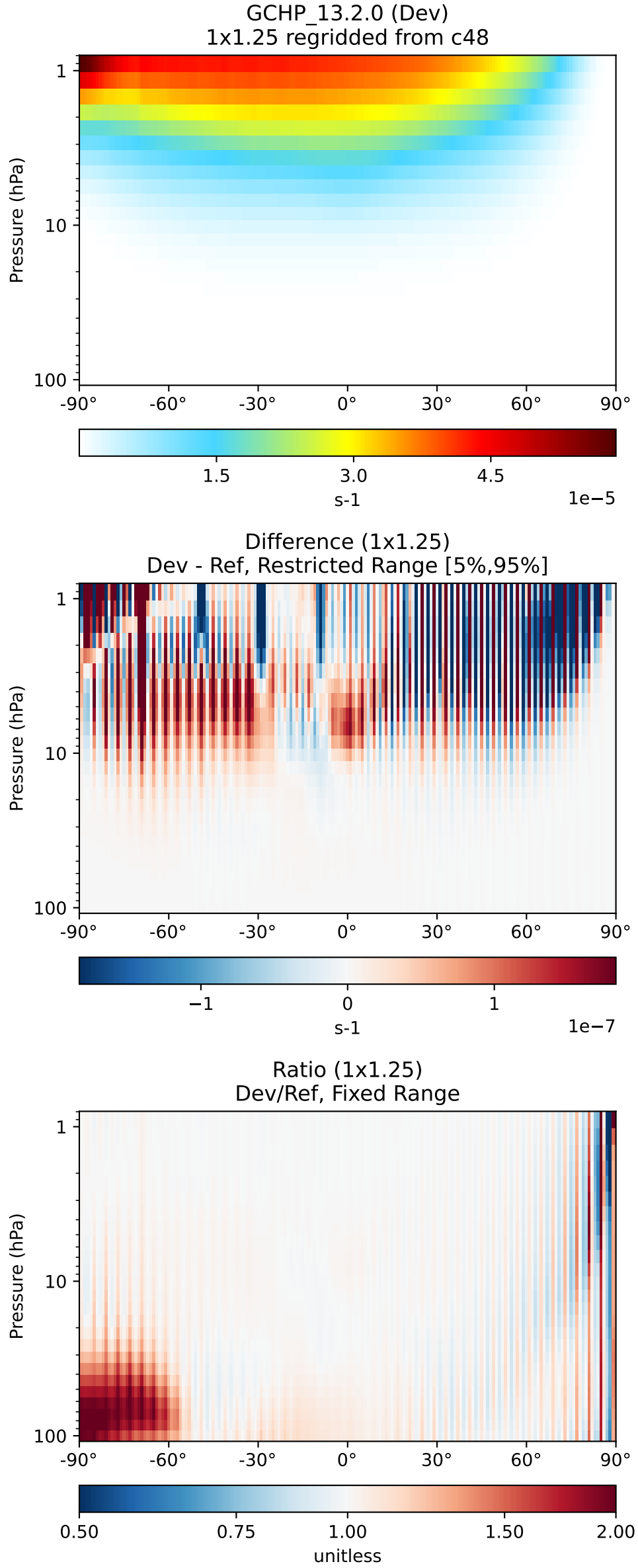
Jval_H1301, Zonal Mean (Oct2019)



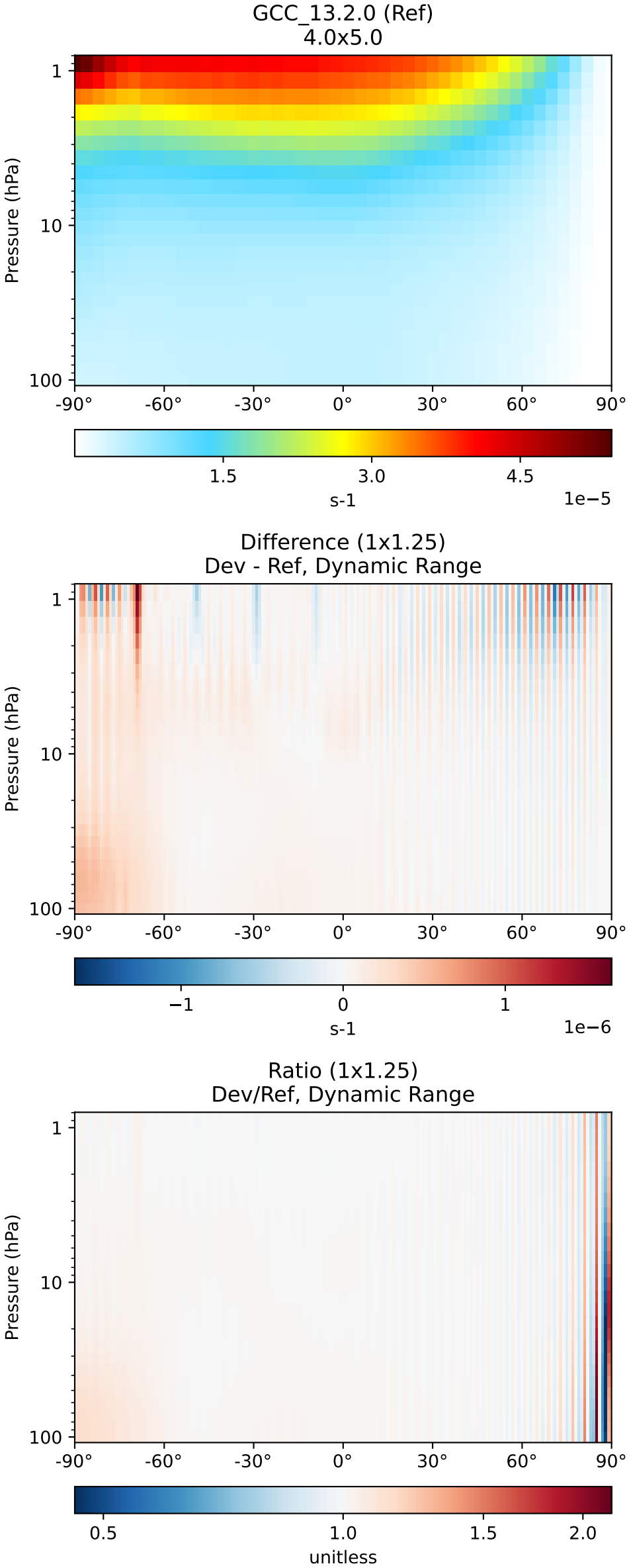


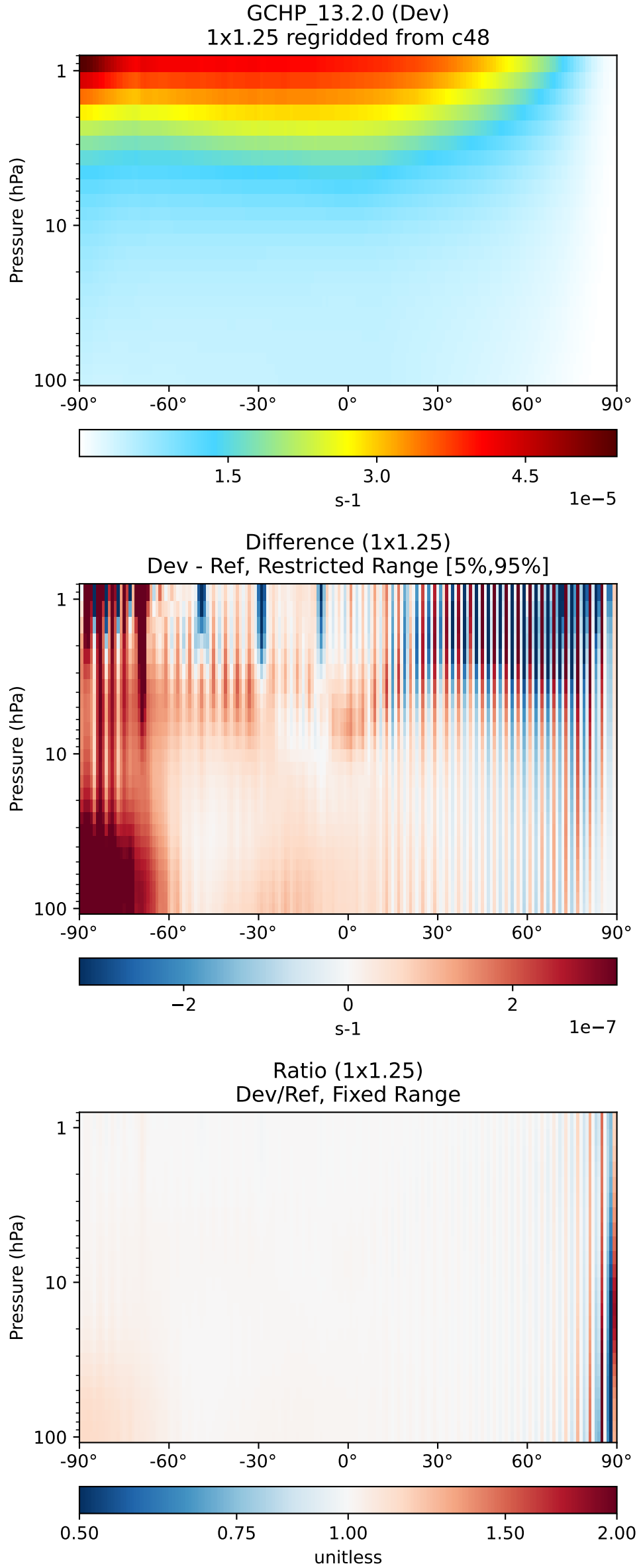
Jval_H2402, Zonal Mean (Oct2019)



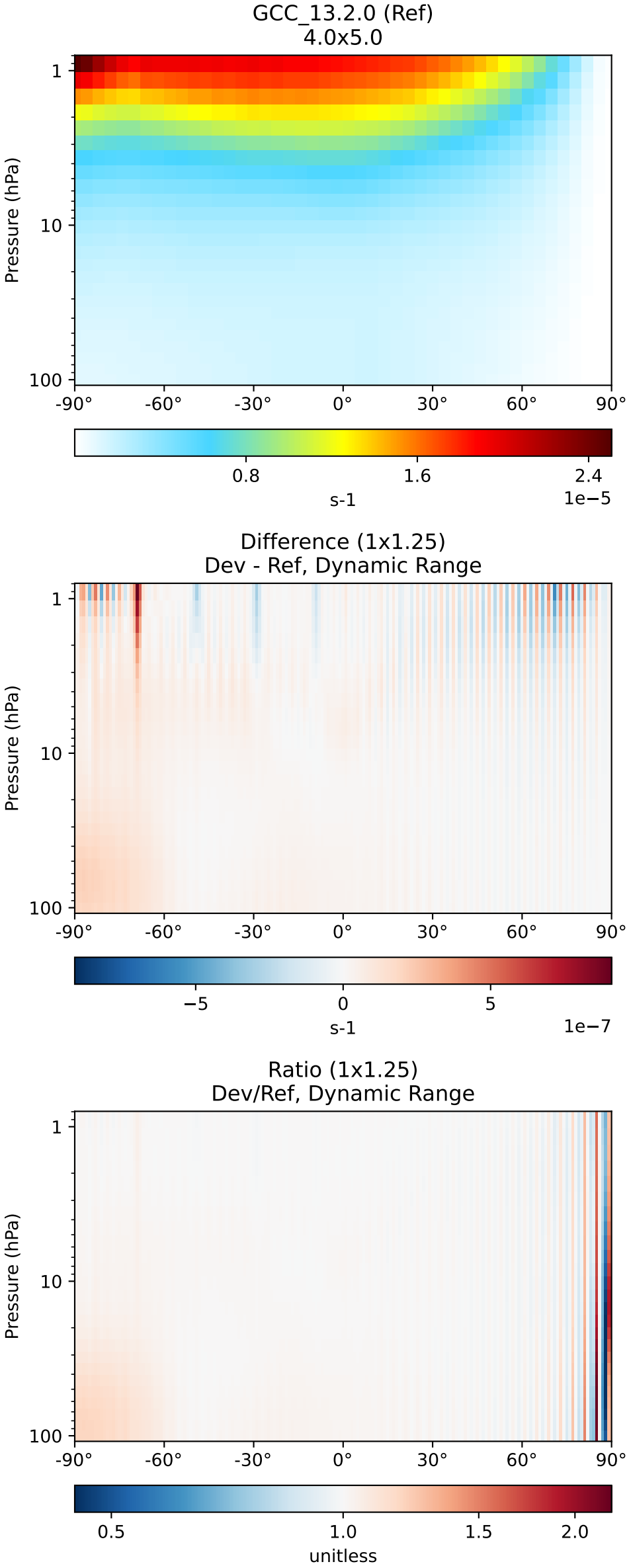


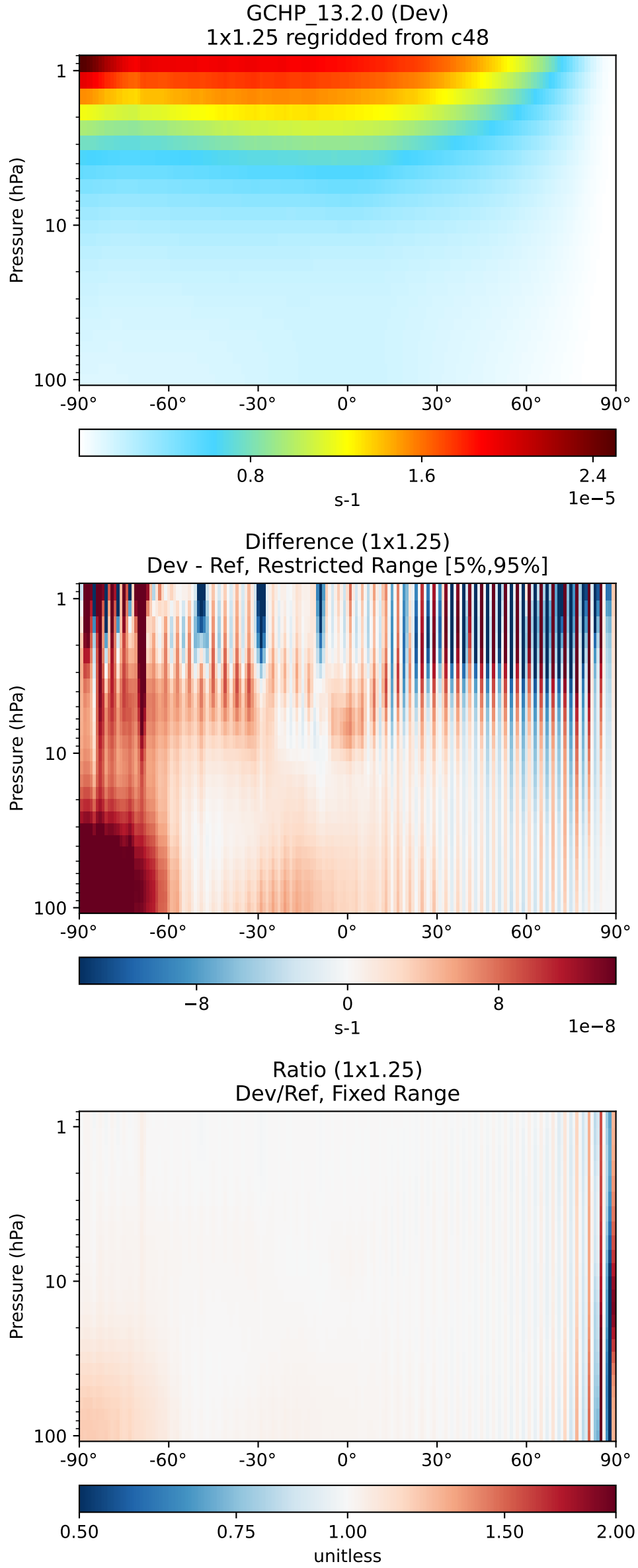
Jval_H2O2, Zonal Mean (Oct2019)





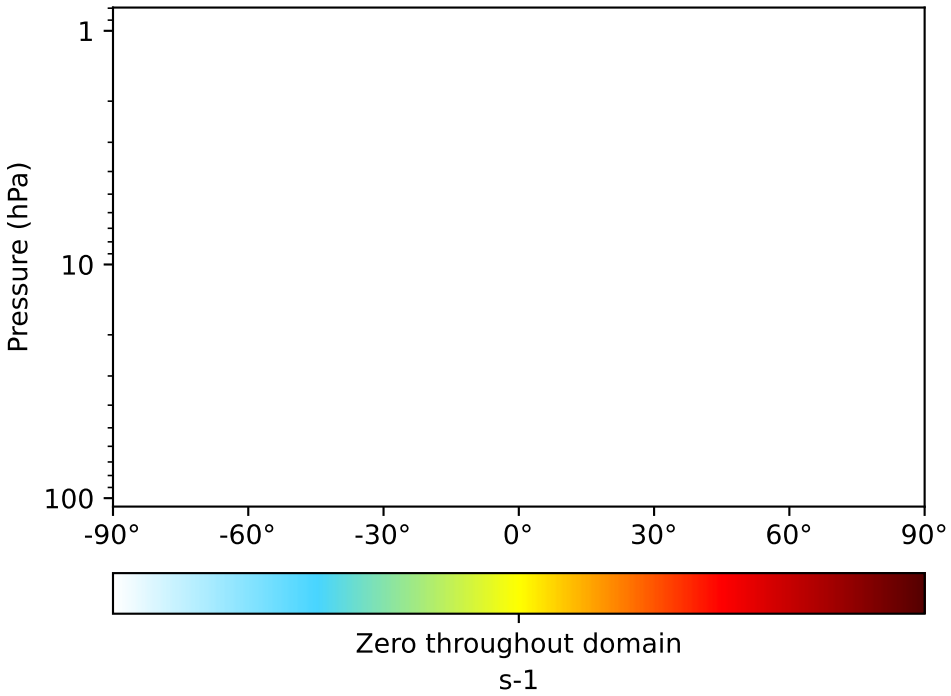
Jval_HAC, Zonal Mean (Oct2019)



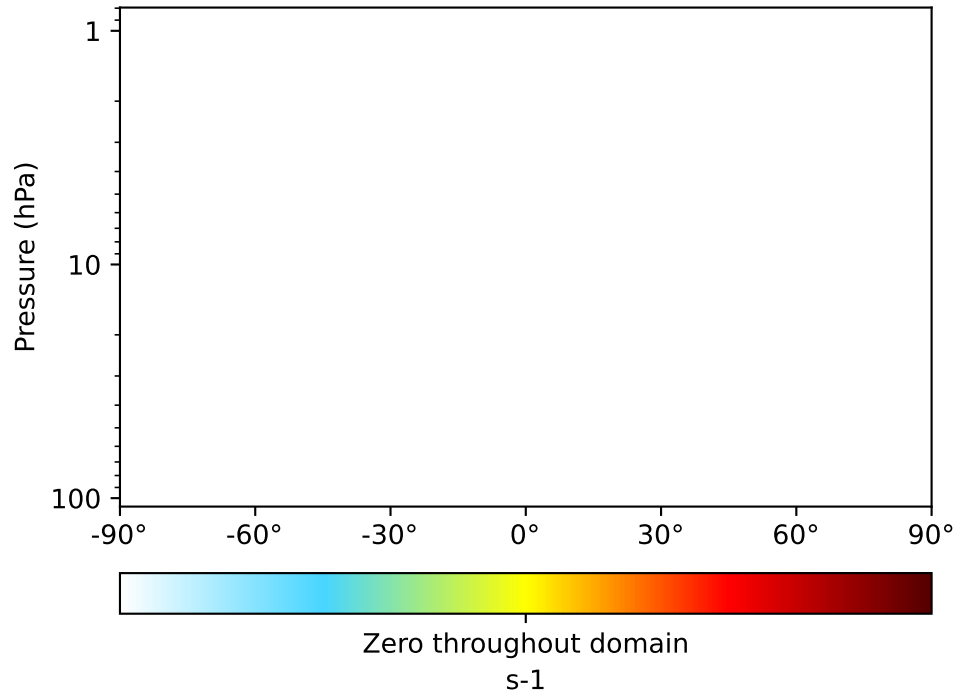


Jval_HC5A, Zonal Mean (Oct2019)

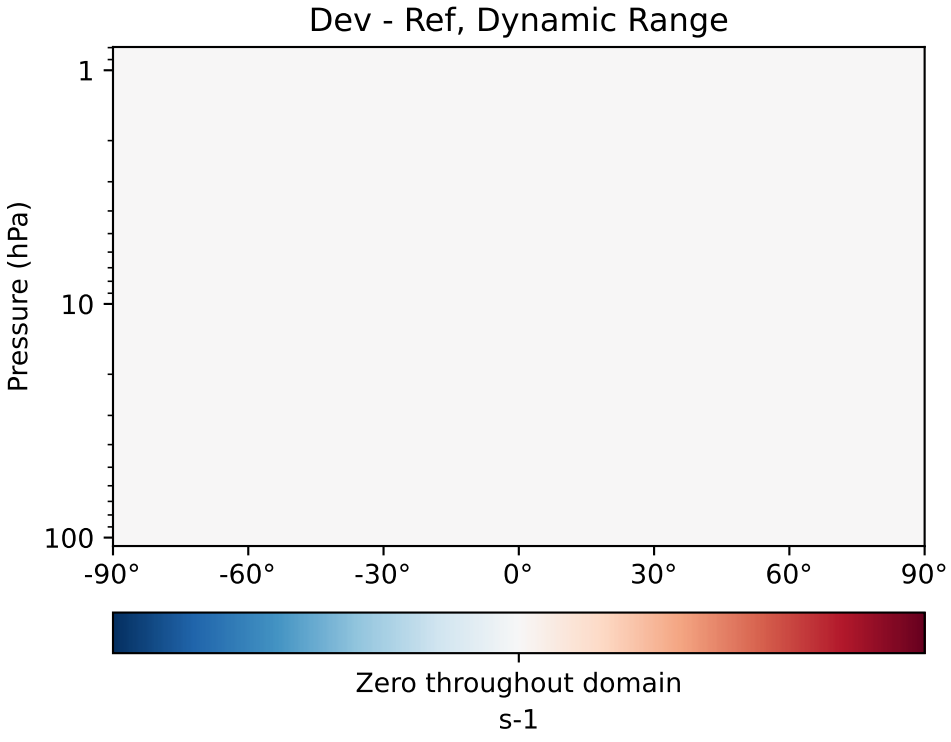
GCC_13.2.0 (Ref)
4.0x5.0



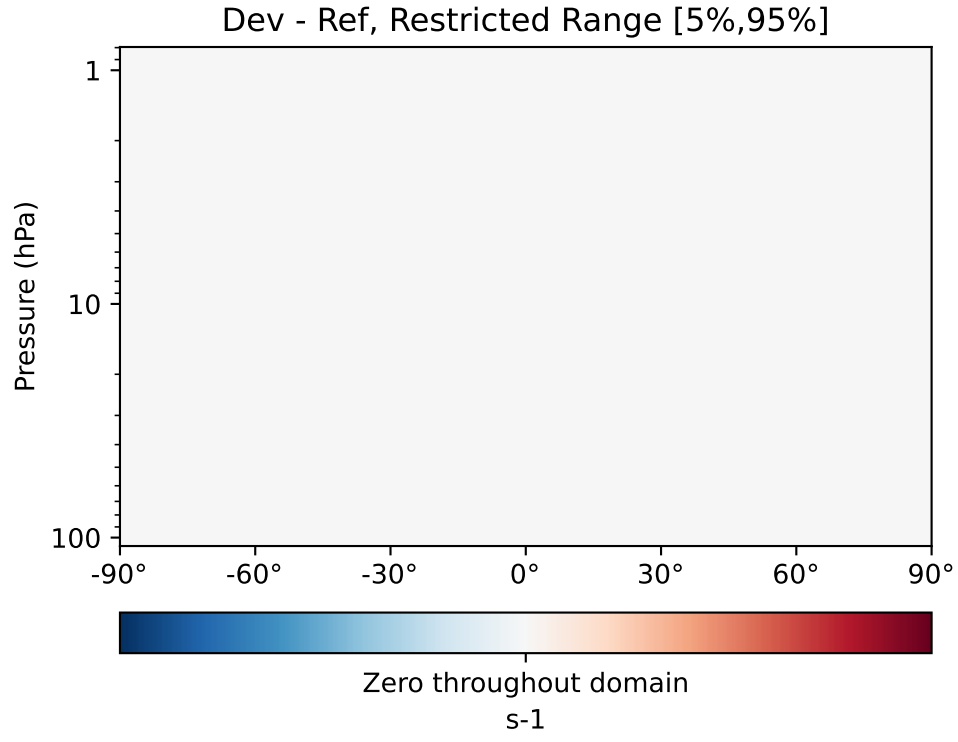
GCHP_13.2.0 (Dev)
1x1.25 regridded from c48



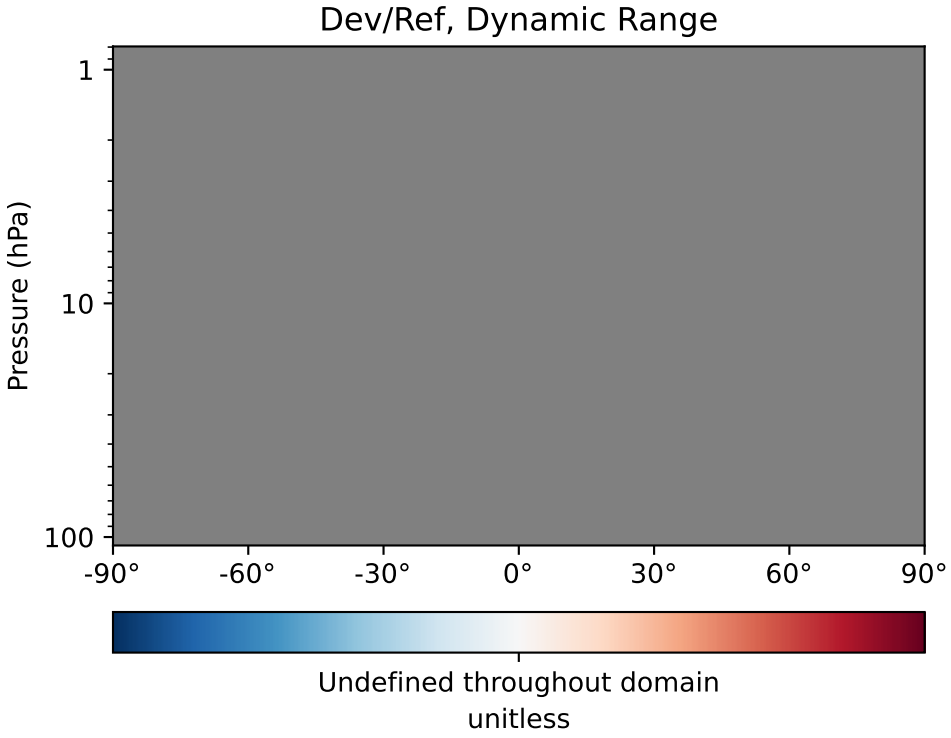
Difference (1x1.25)
Dev - Ref, Dynamic Range



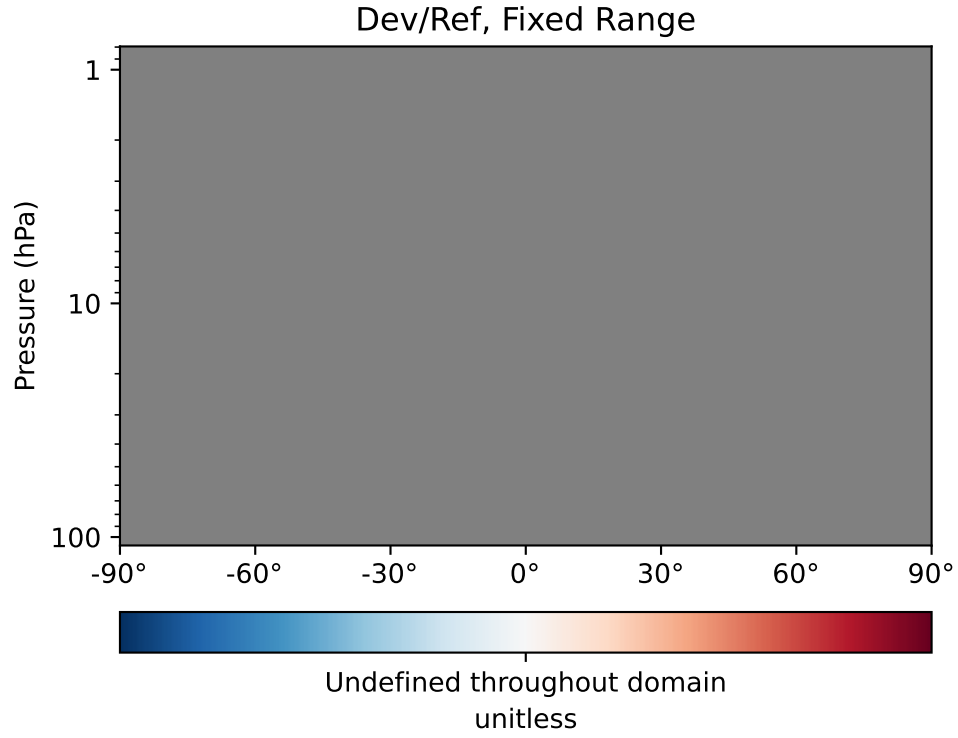
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



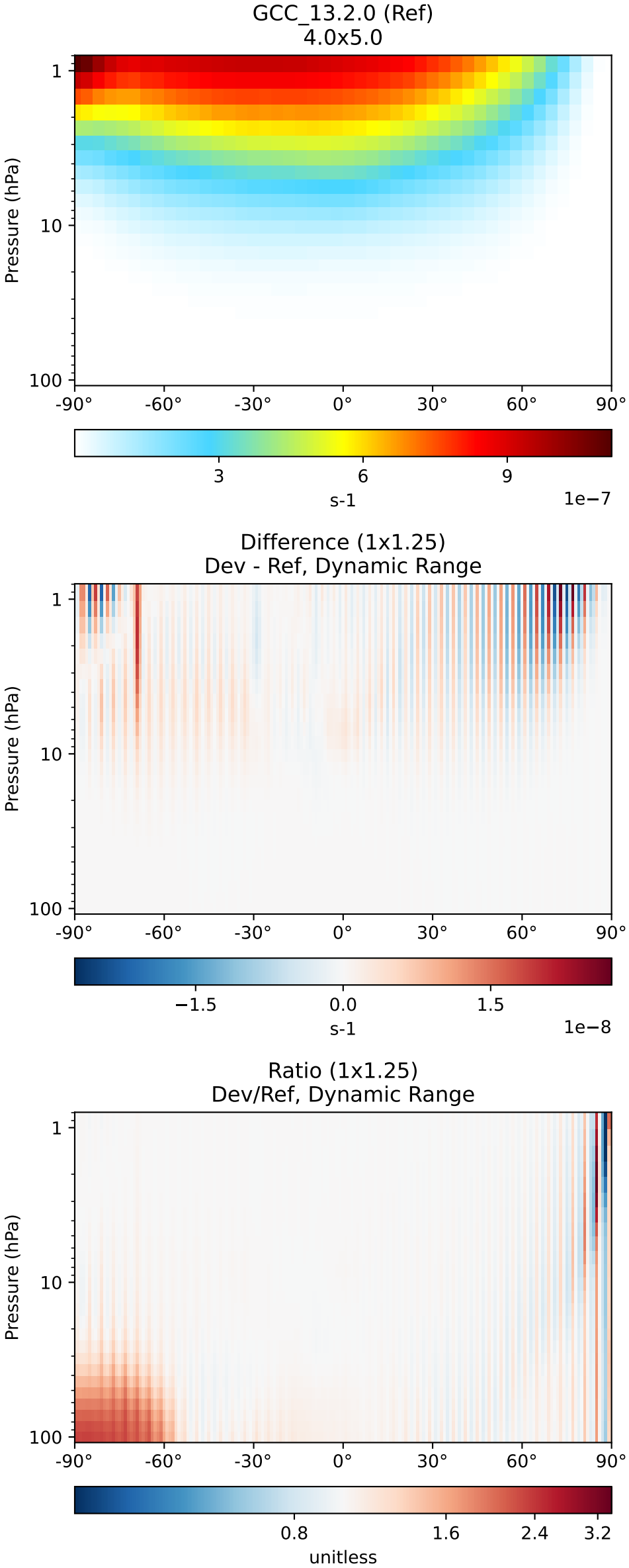
Ratio (1x1.25)
Dev/Ref, Dynamic Range

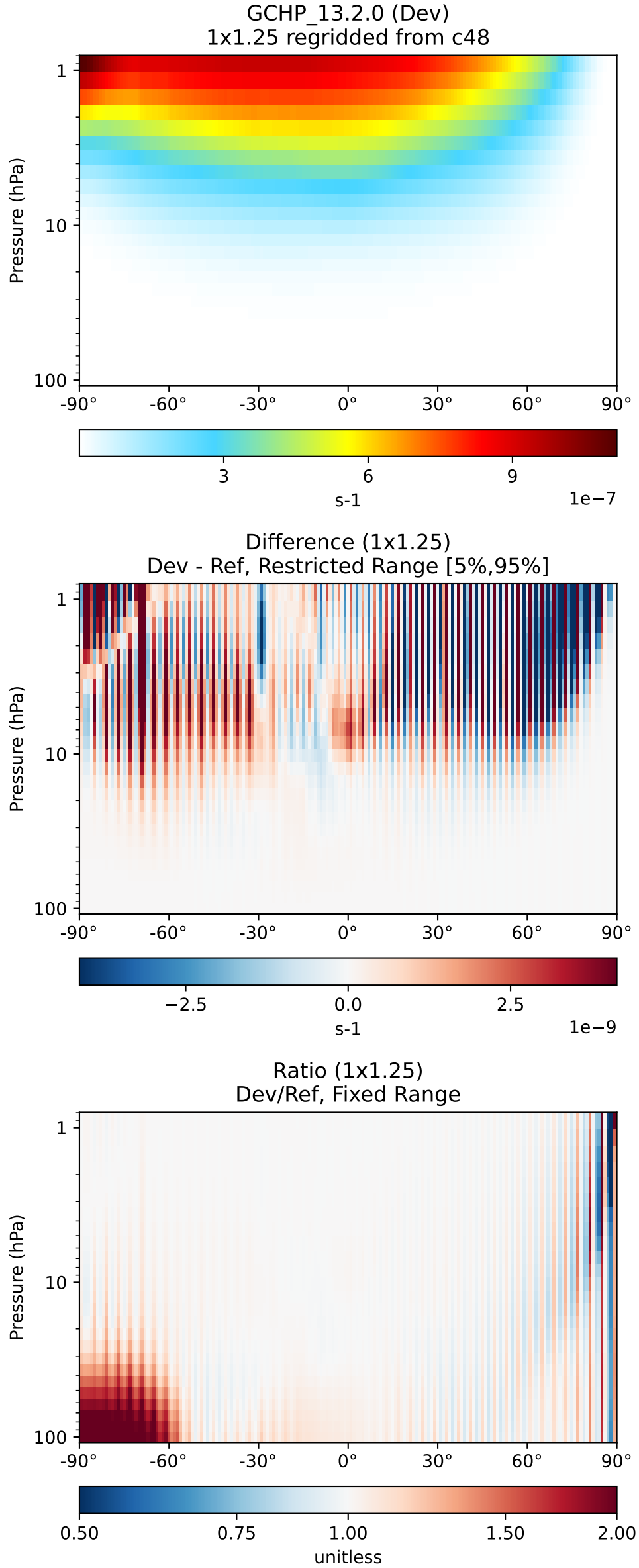


Ratio (1x1.25)
Dev/Ref, Fixed Range

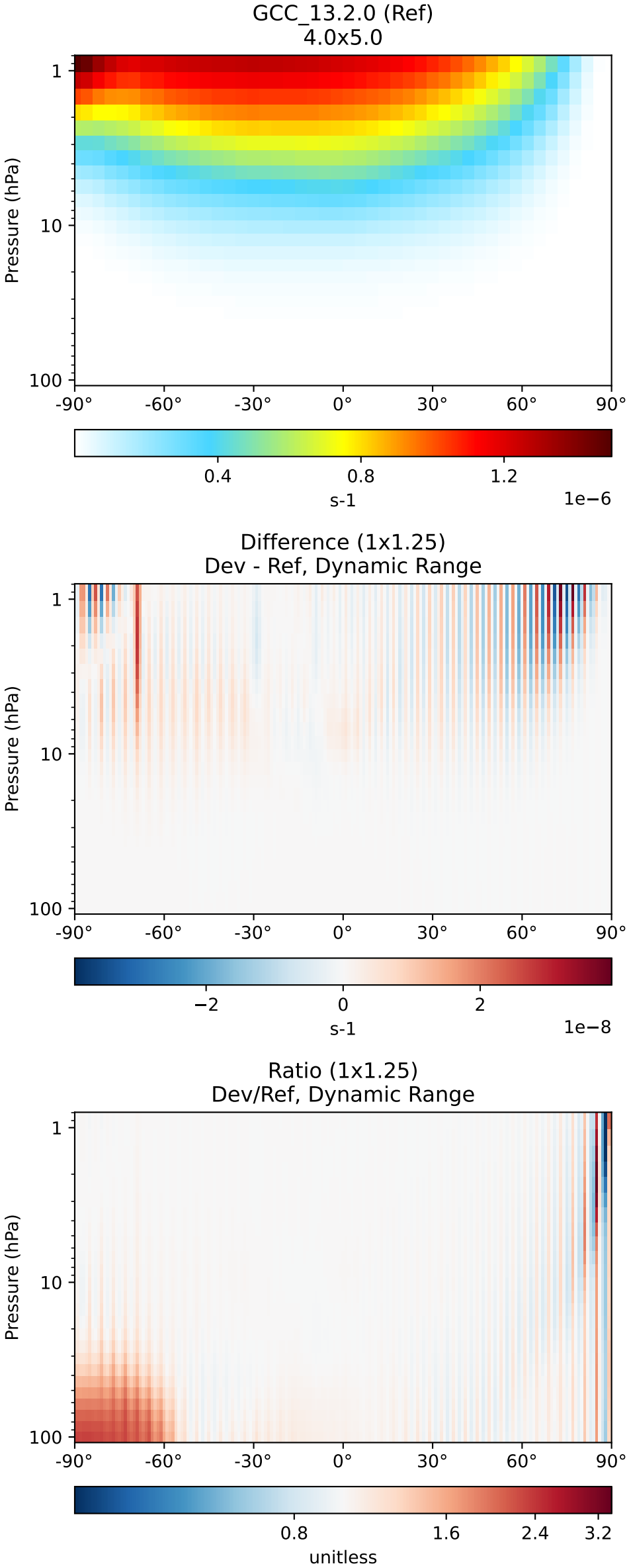


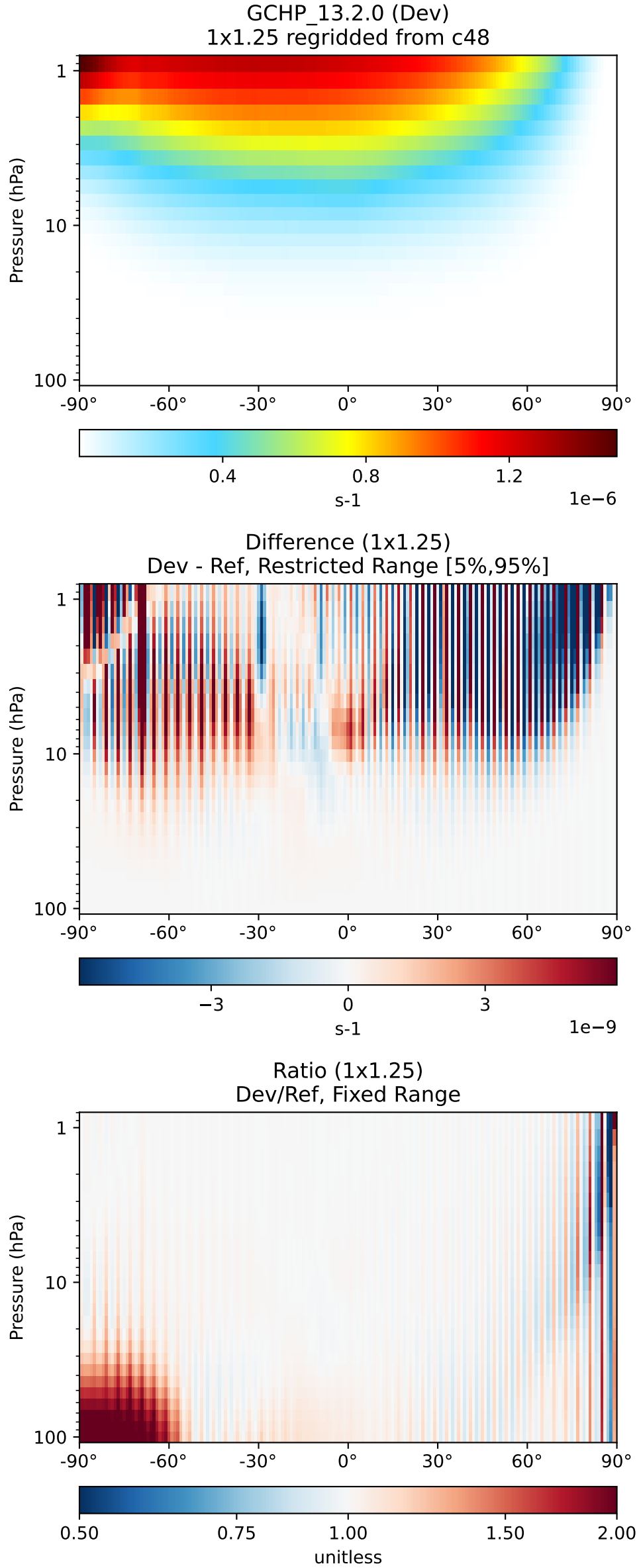
Jval_HCFC123, Zonal Mean (Oct2019)



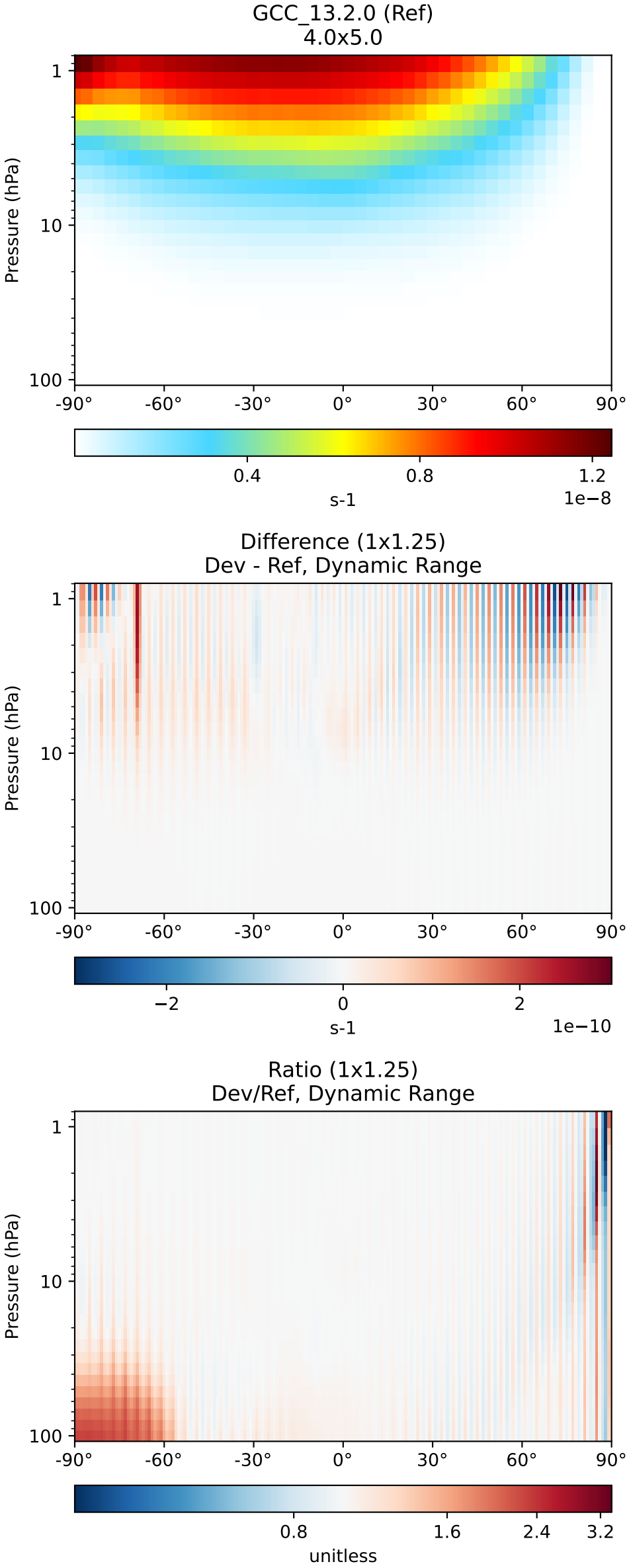


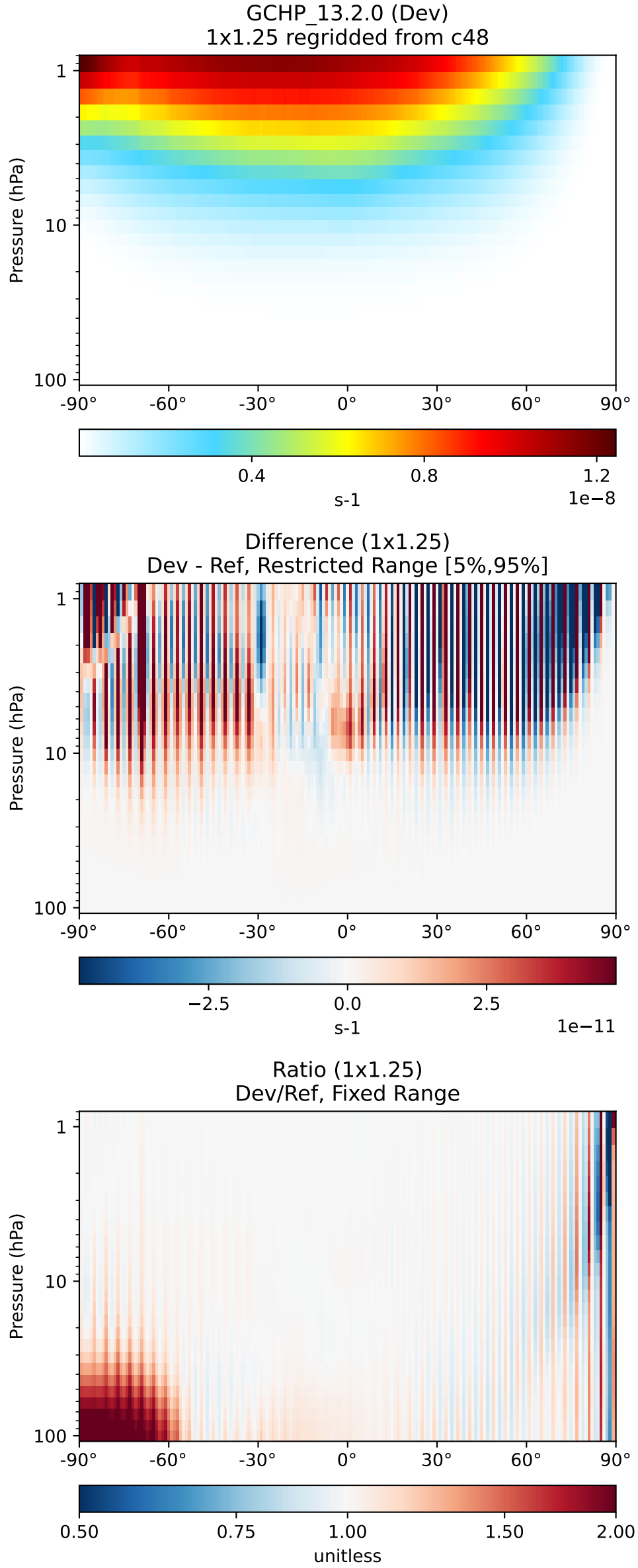
Jval_HCFC141b, Zonal Mean (Oct2019)



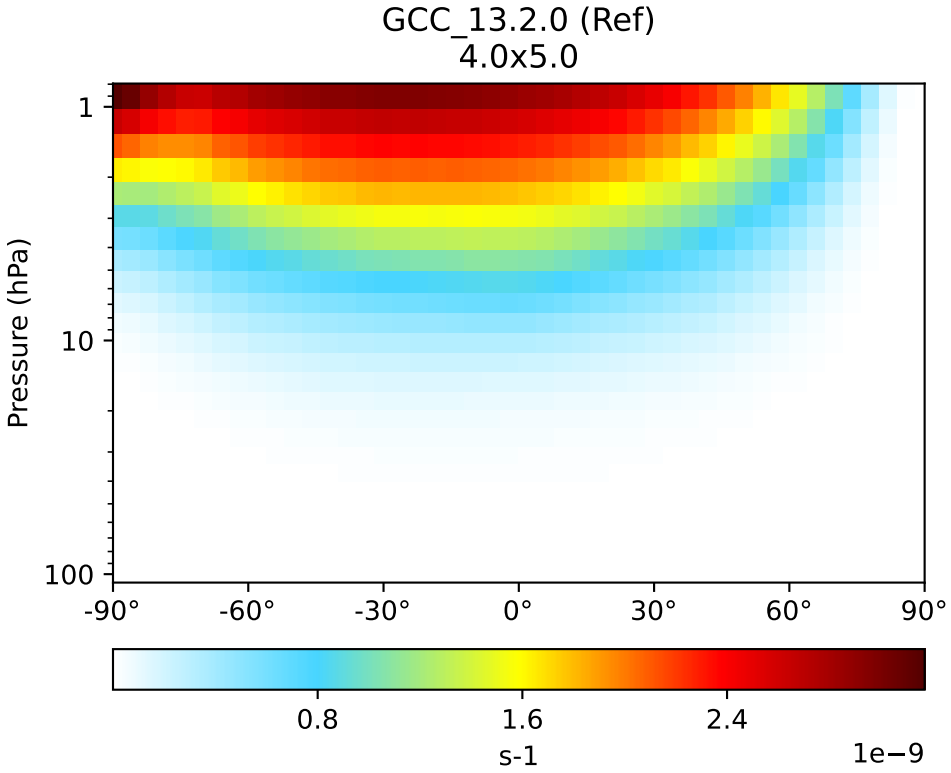


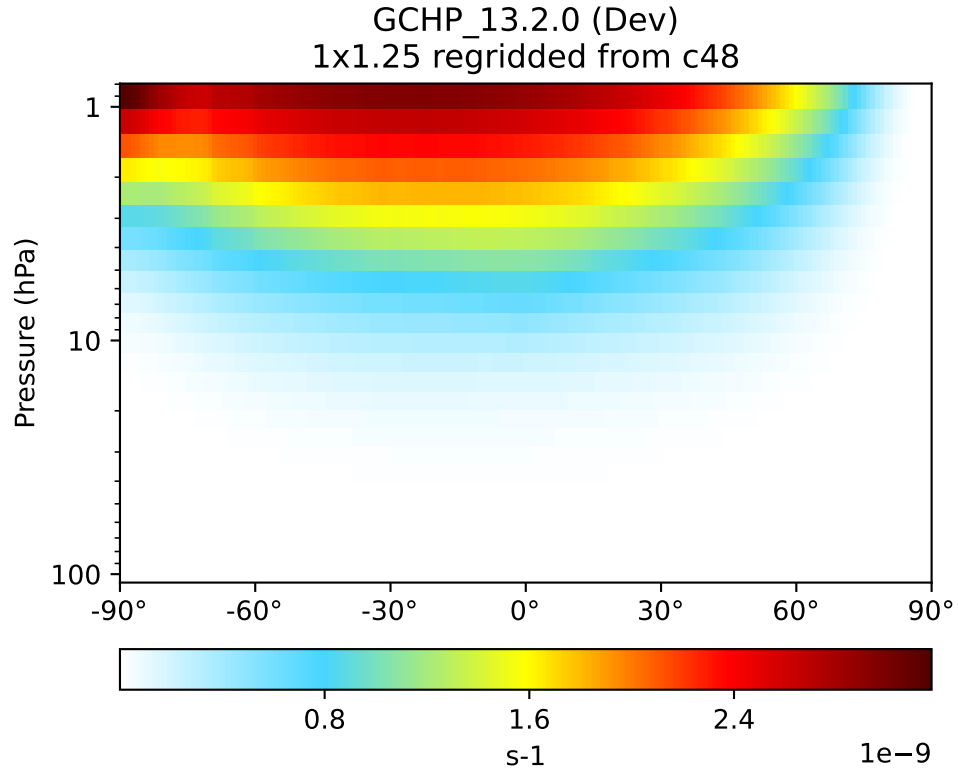
Jval_HCFC142b, Zonal Mean (Oct2019)

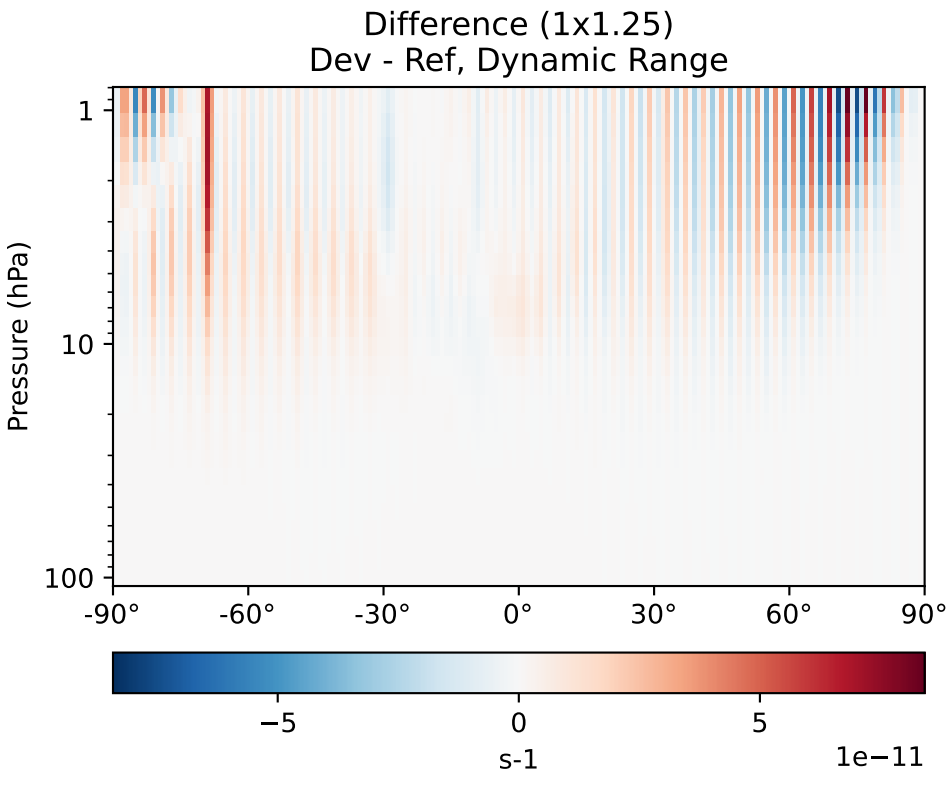


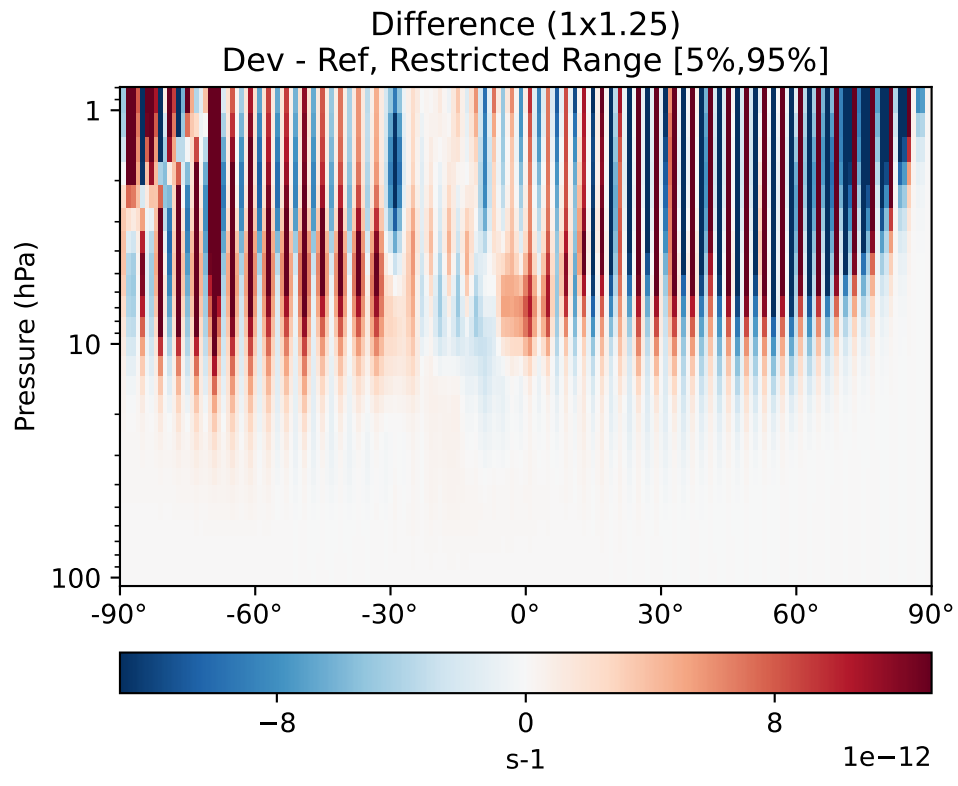


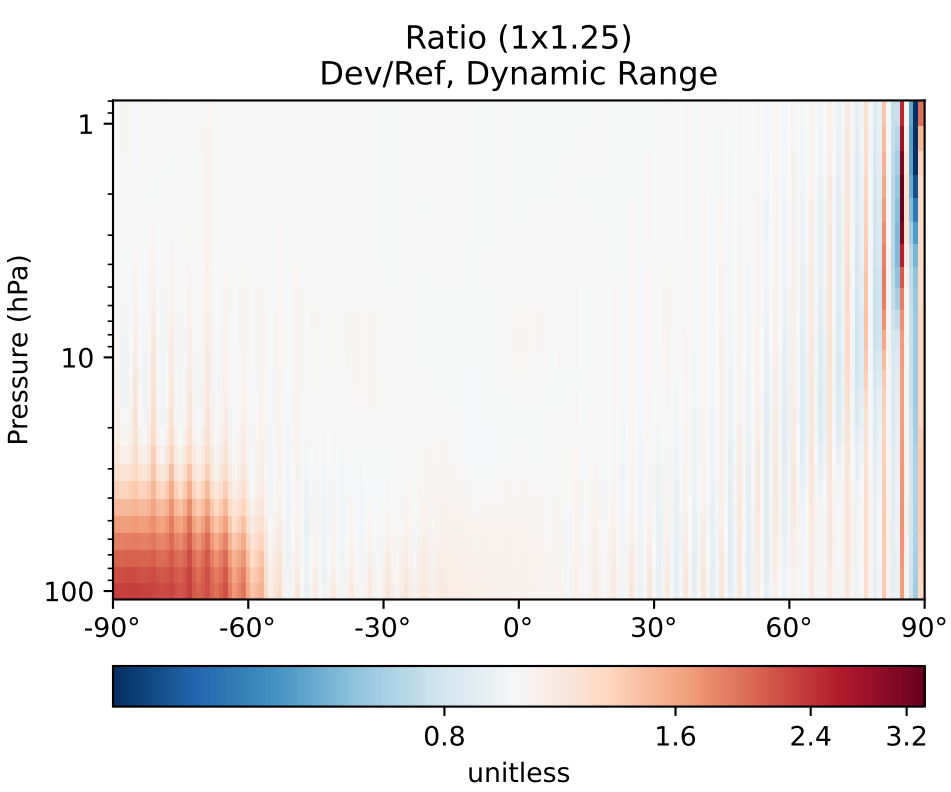
Jval_HCFC22, Zonal Mean (Oct2019)

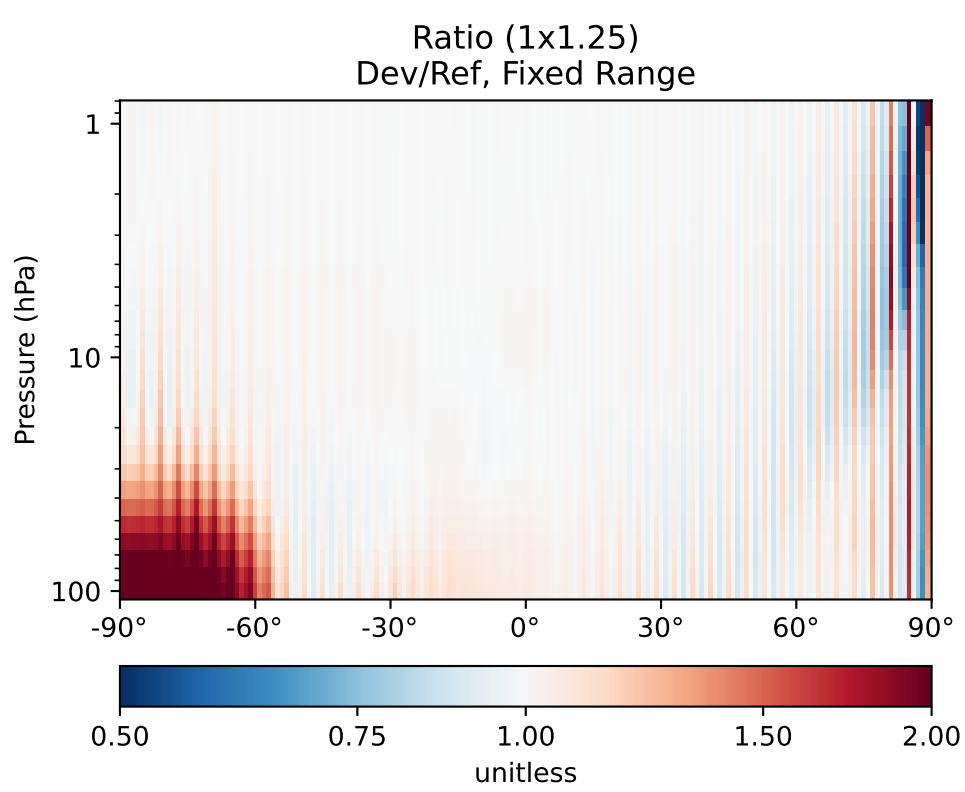




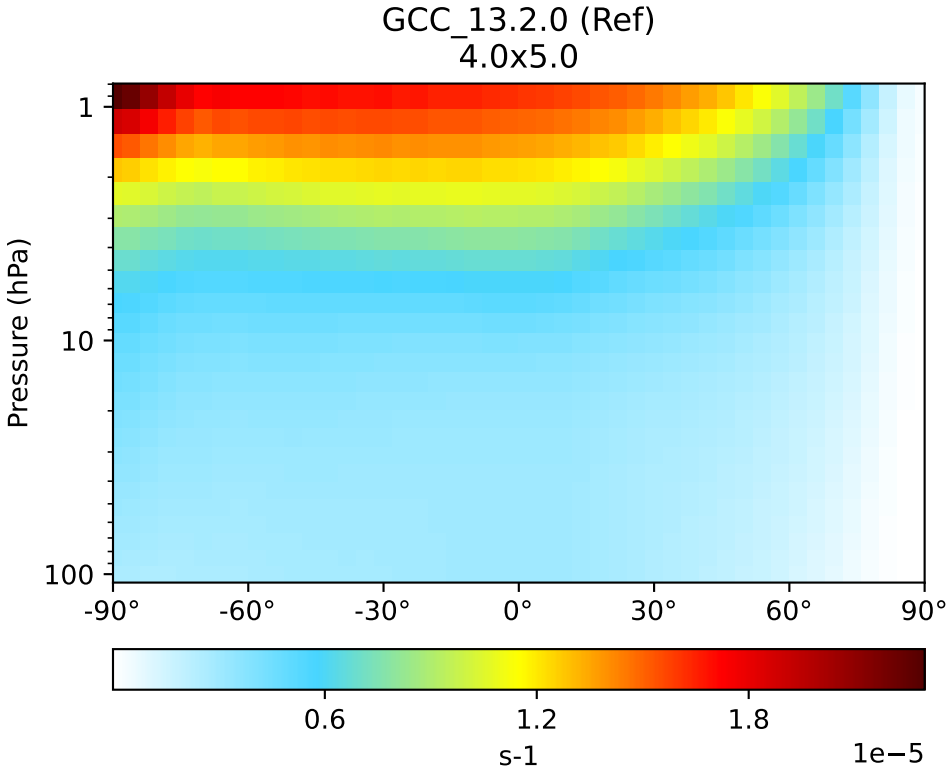


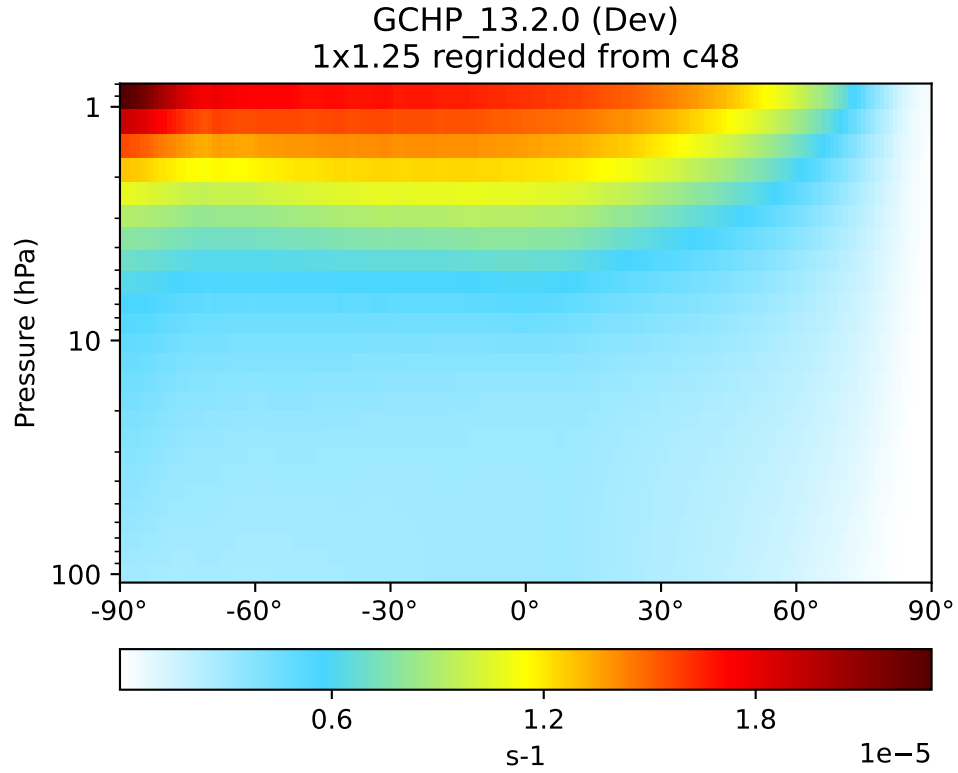


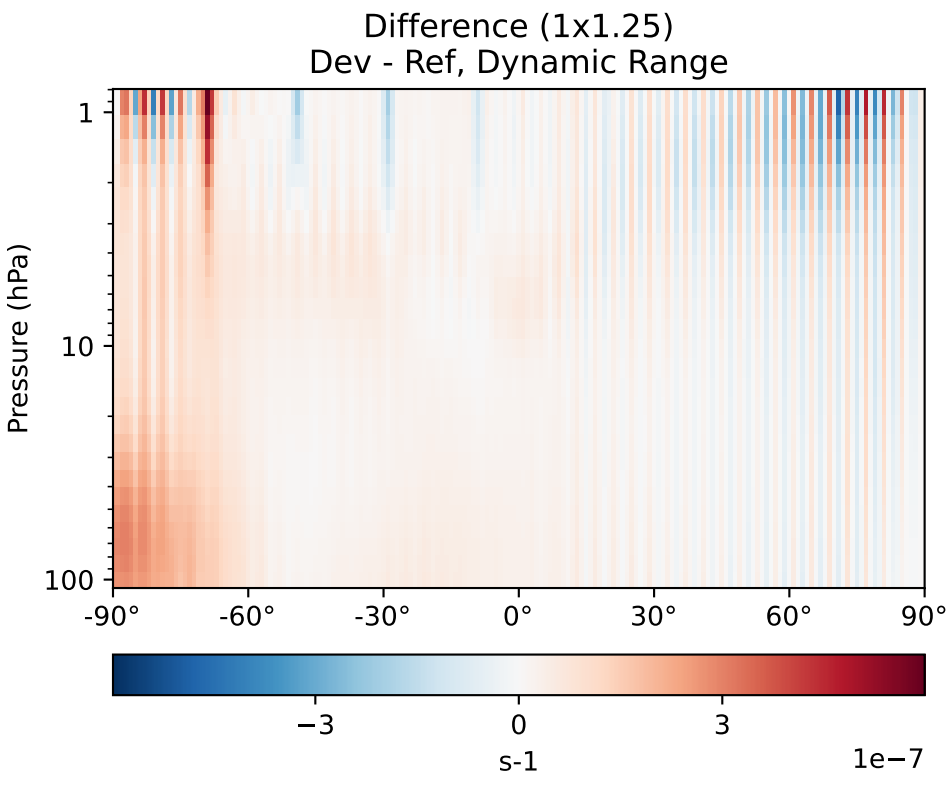


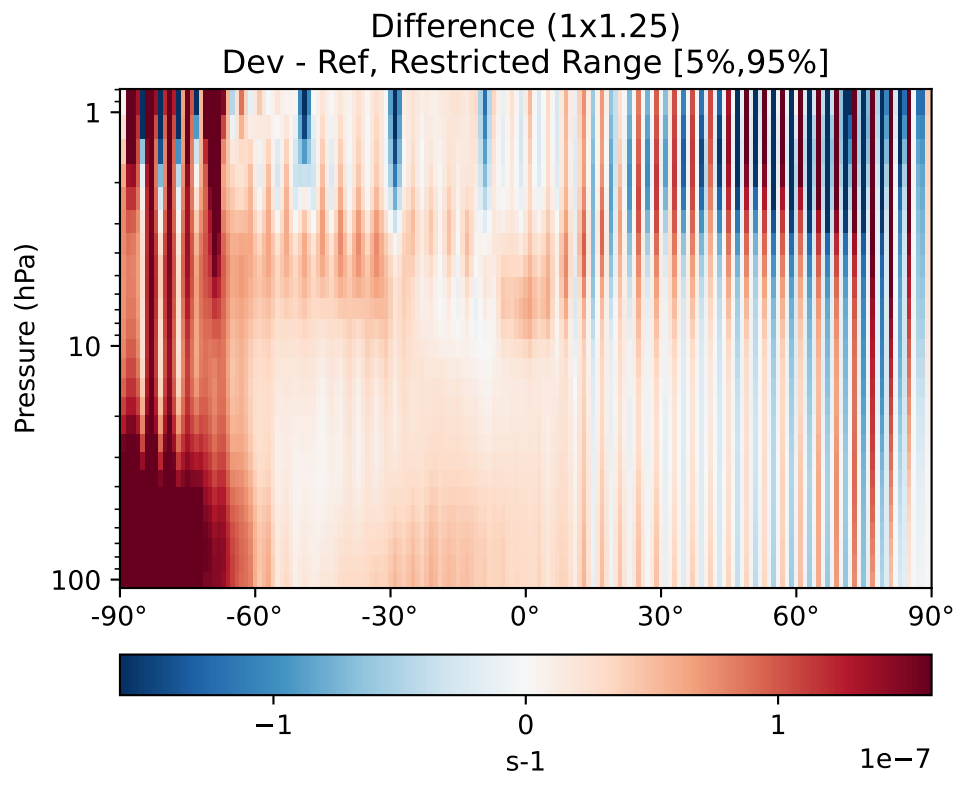


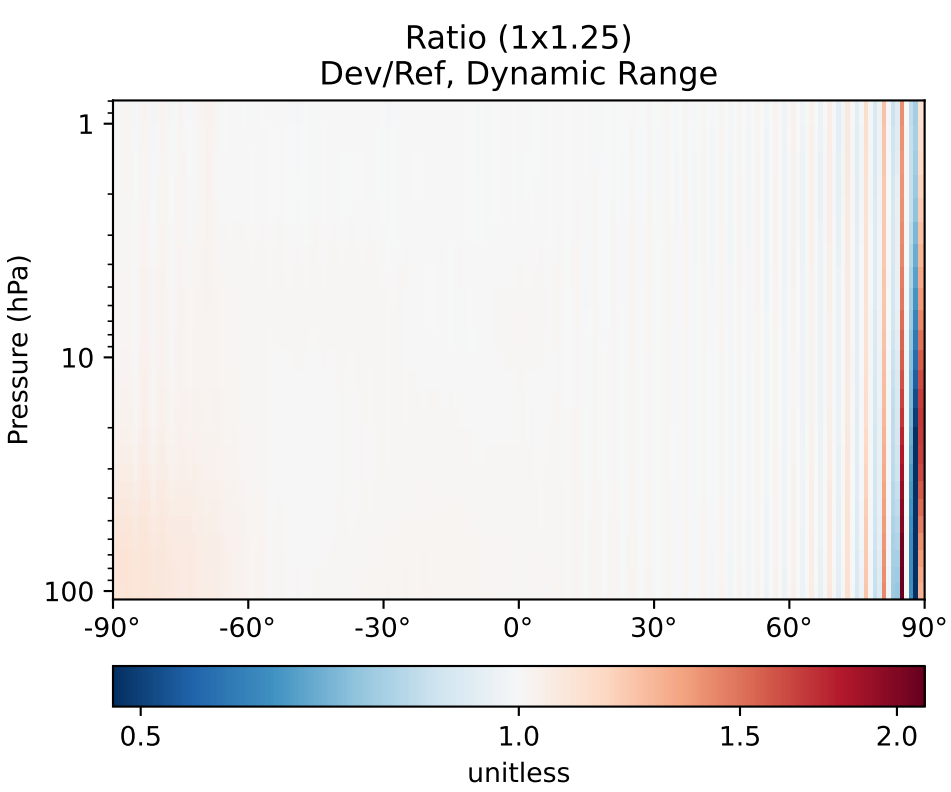
Jval_HMHP, Zonal Mean (Oct2019)

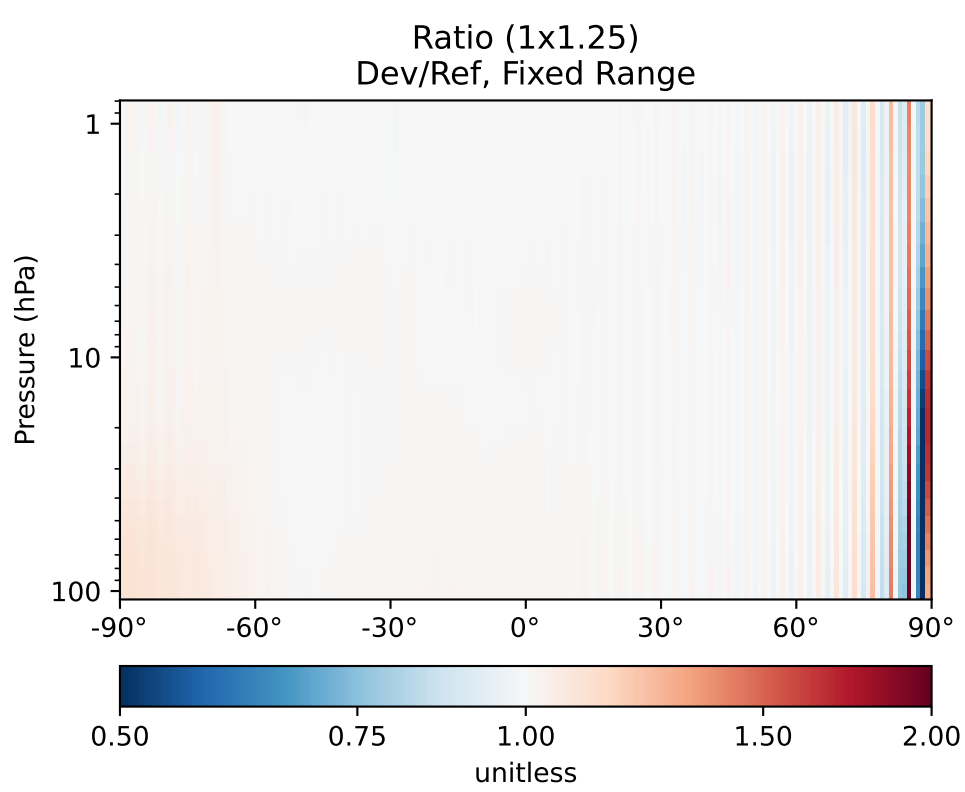




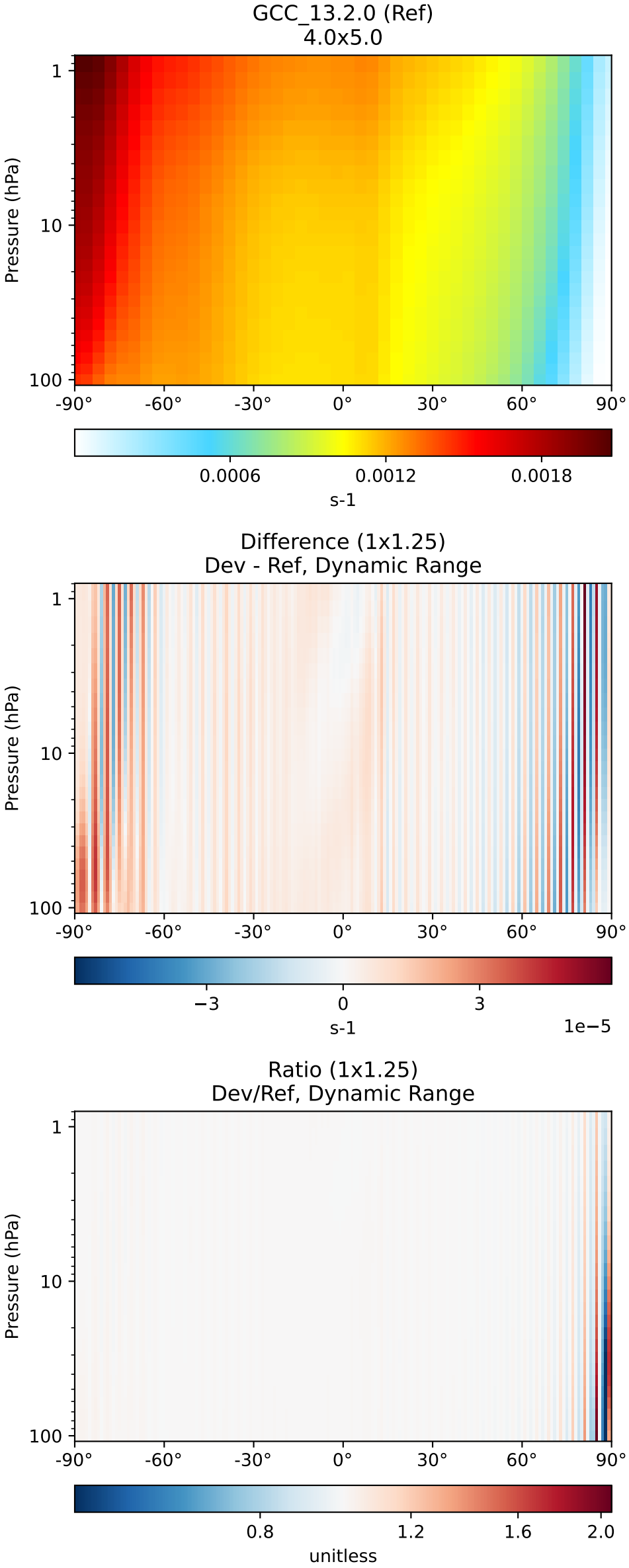


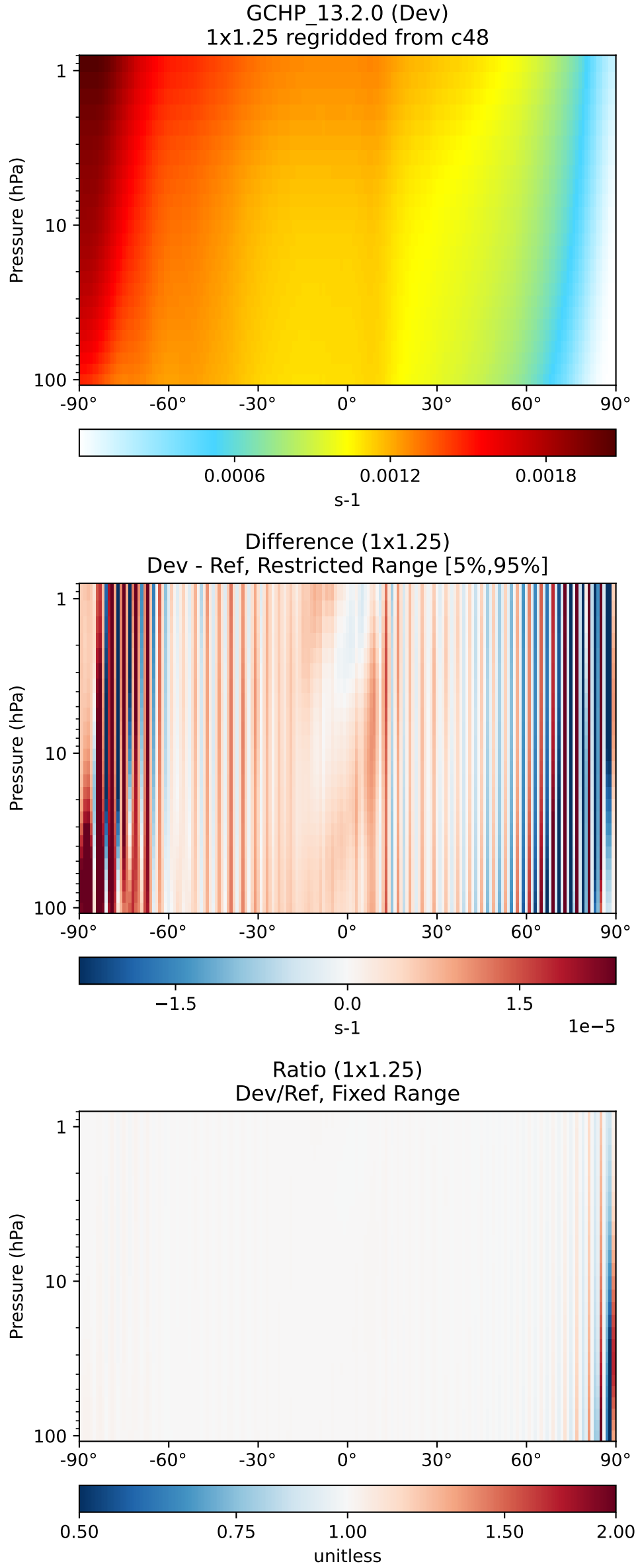




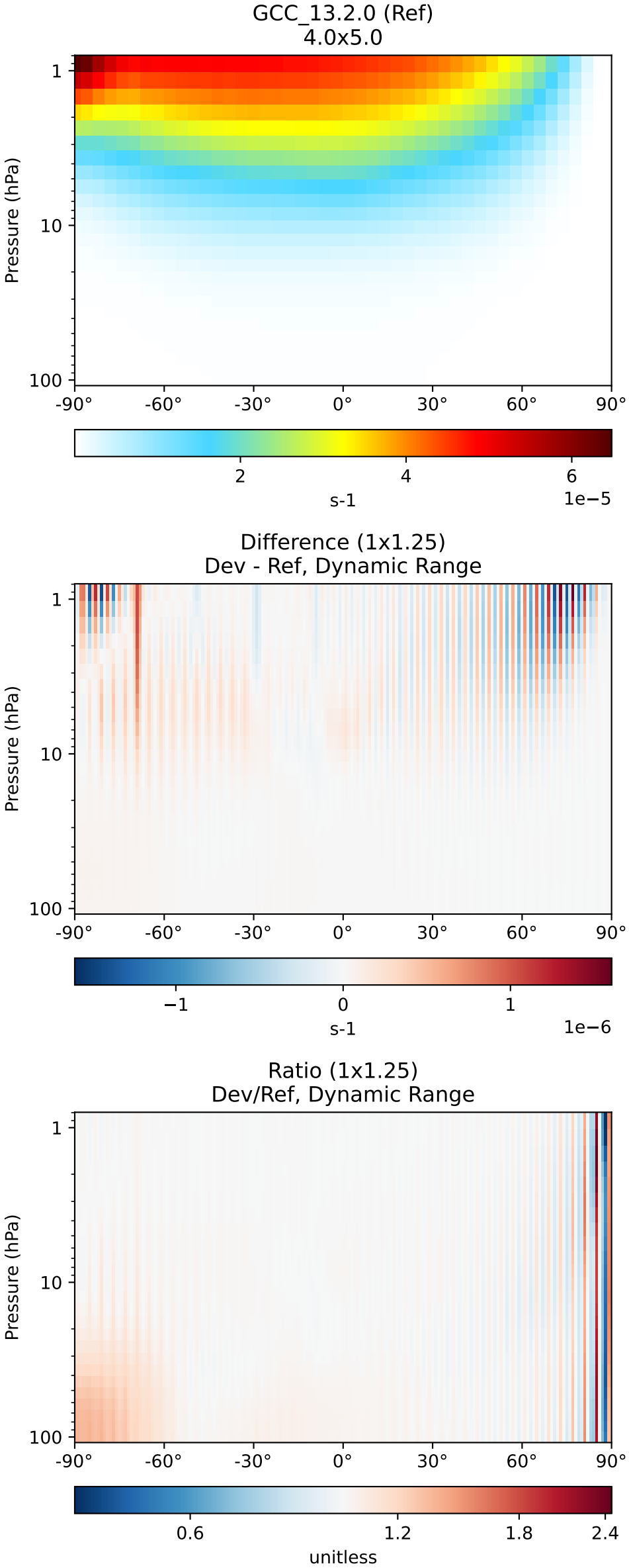


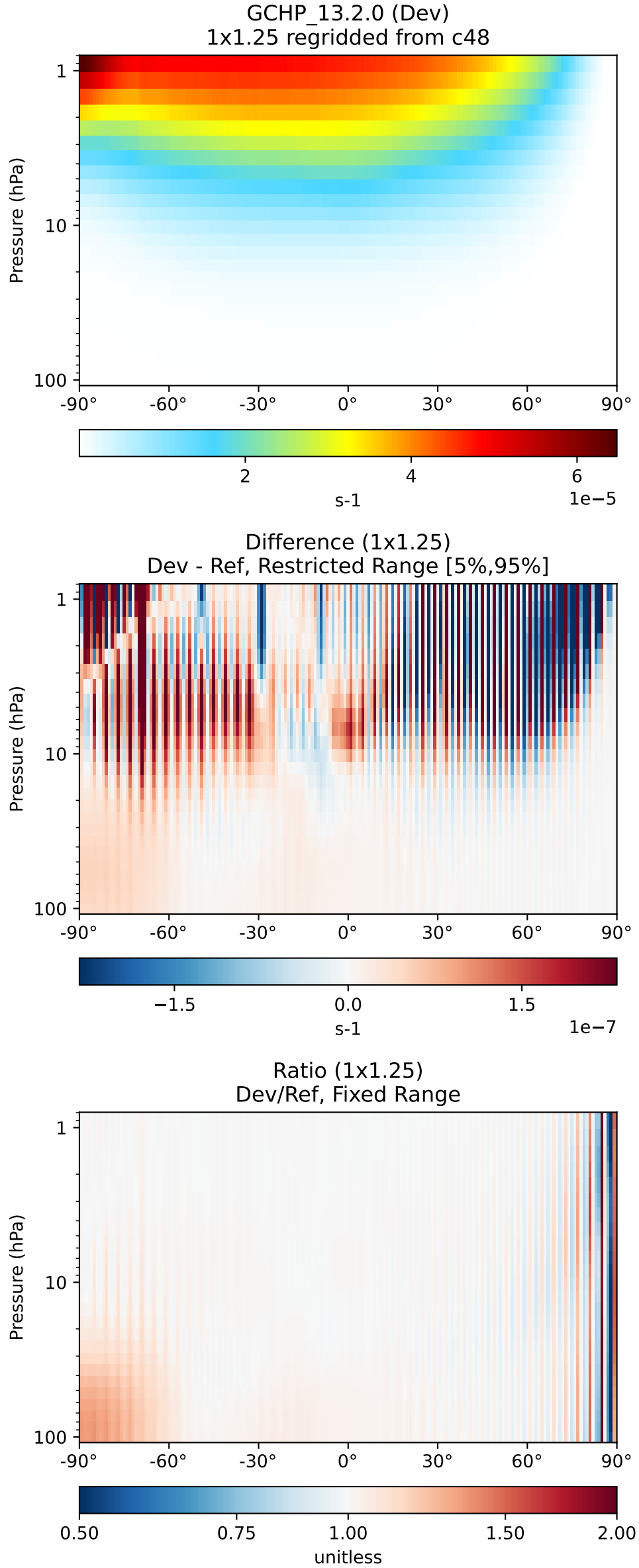
Jval_HNO2, Zonal Mean (Oct2019)



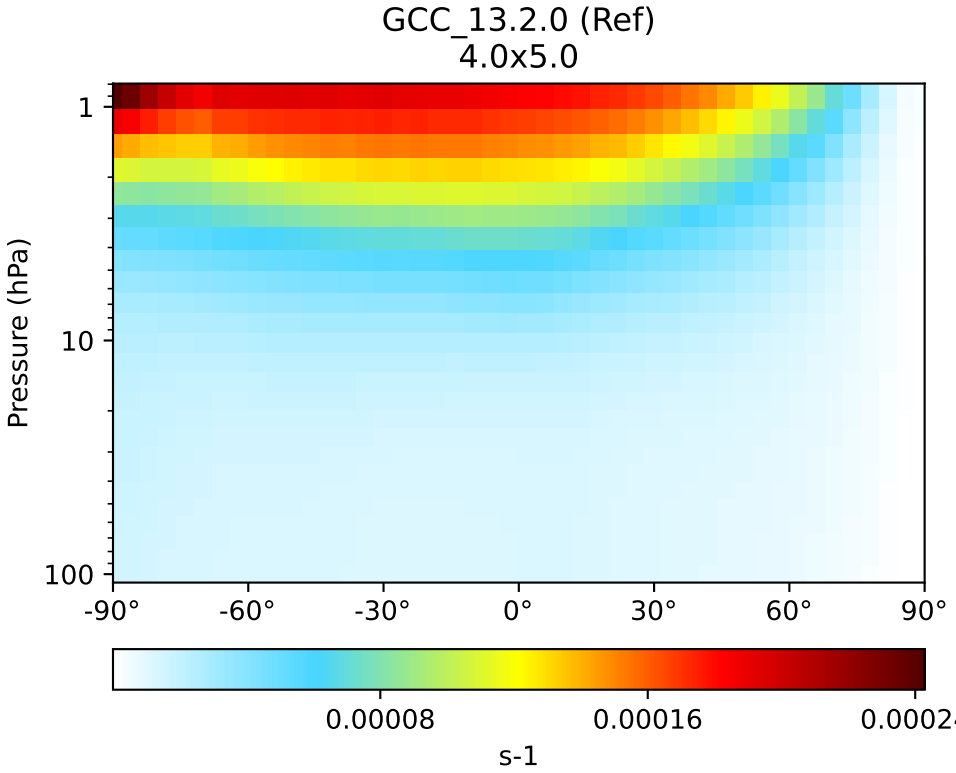


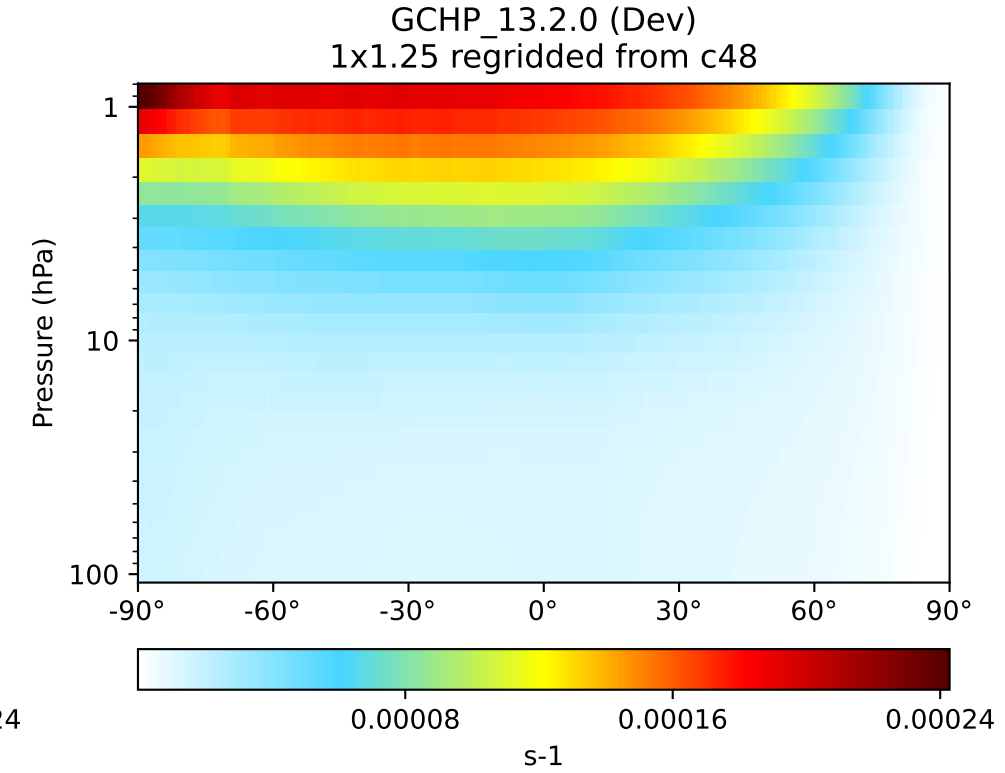
Jval_HNO3, Zonal Mean (Oct2019)

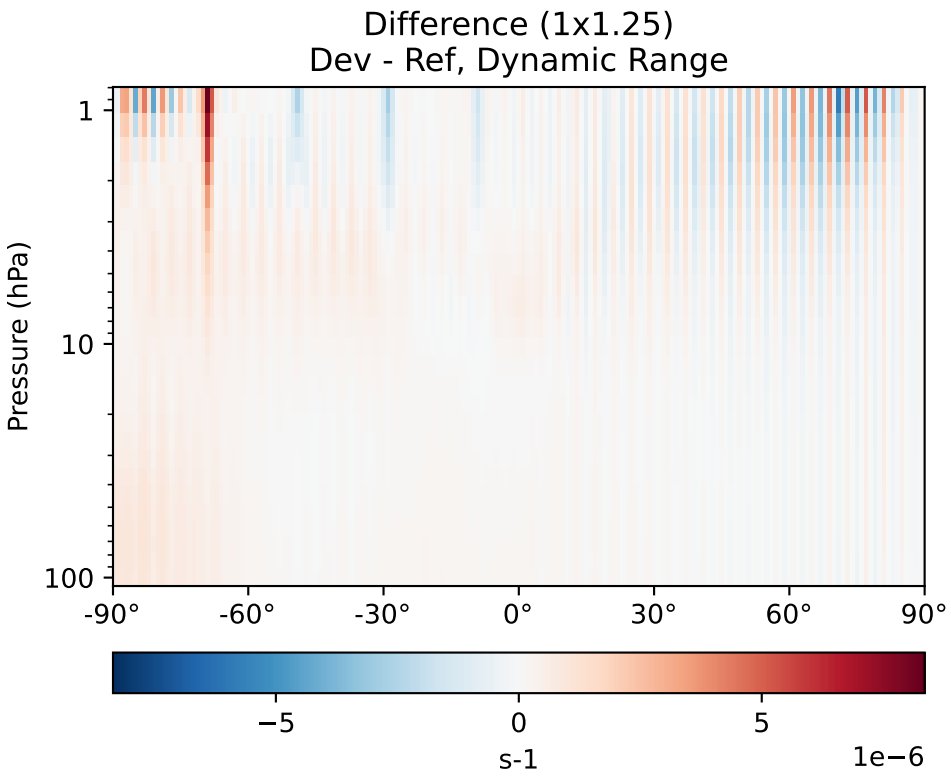


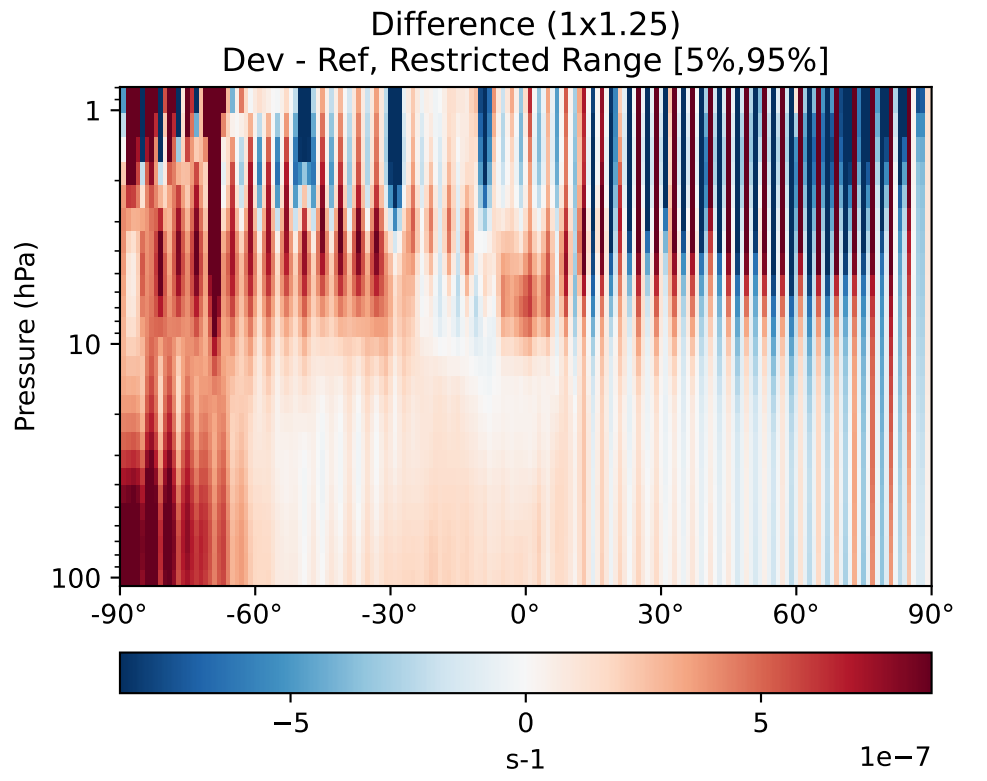


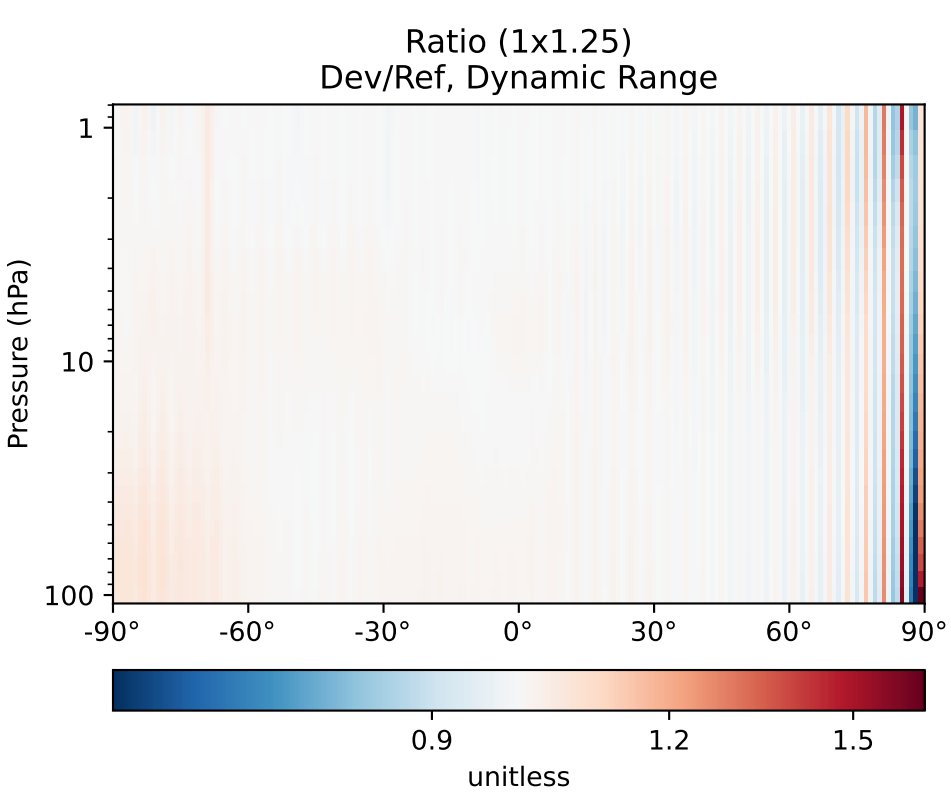
Jval_HNO4, Zonal Mean (Oct2019)

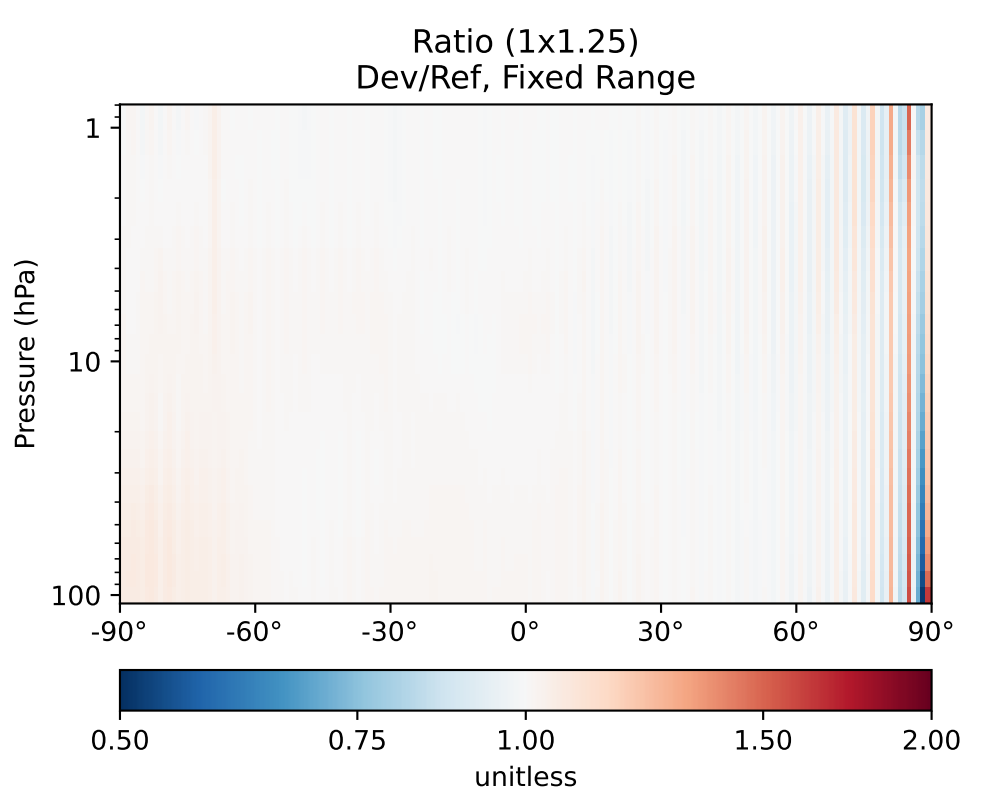




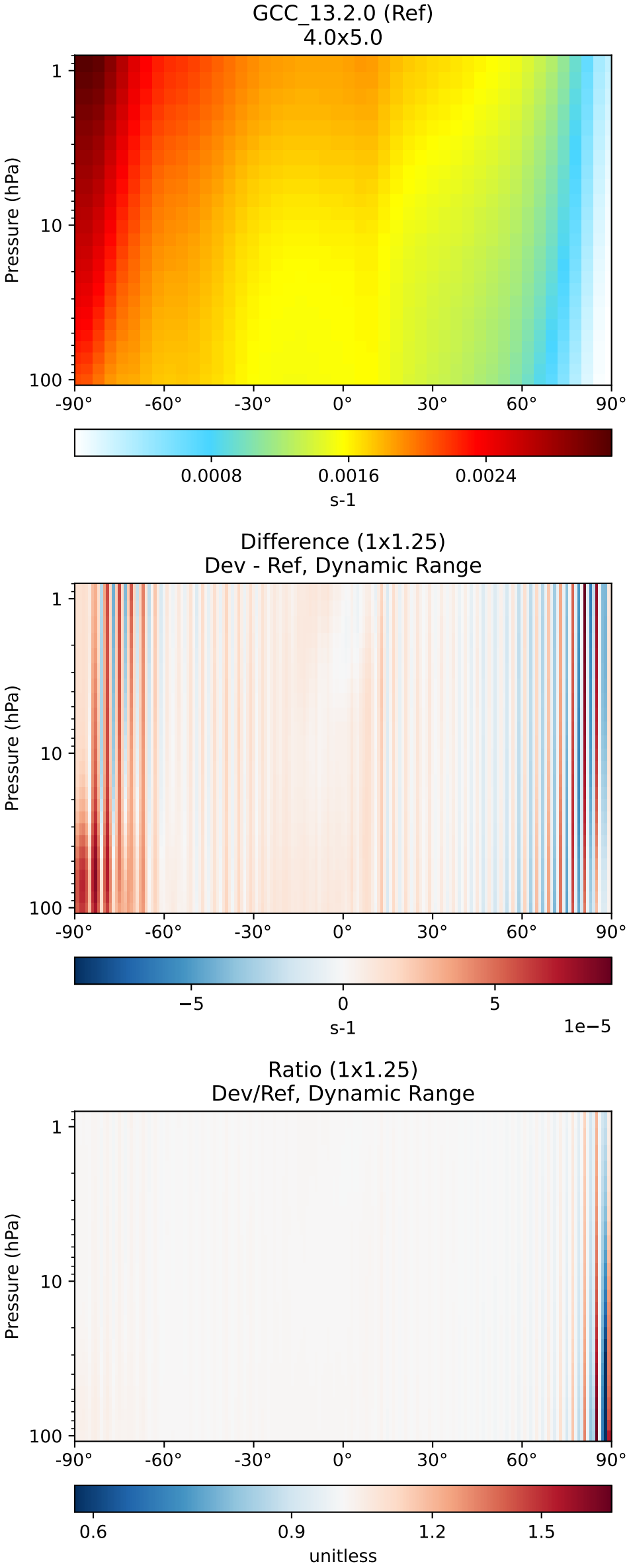


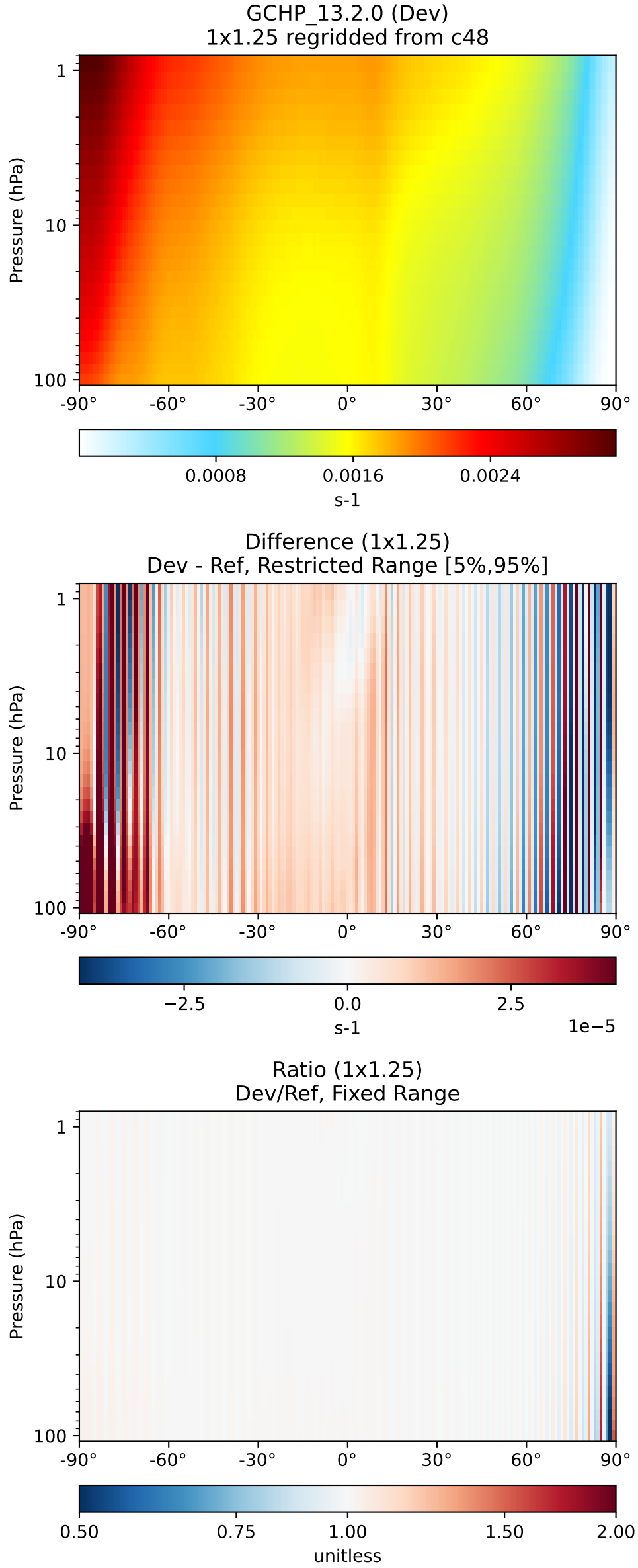




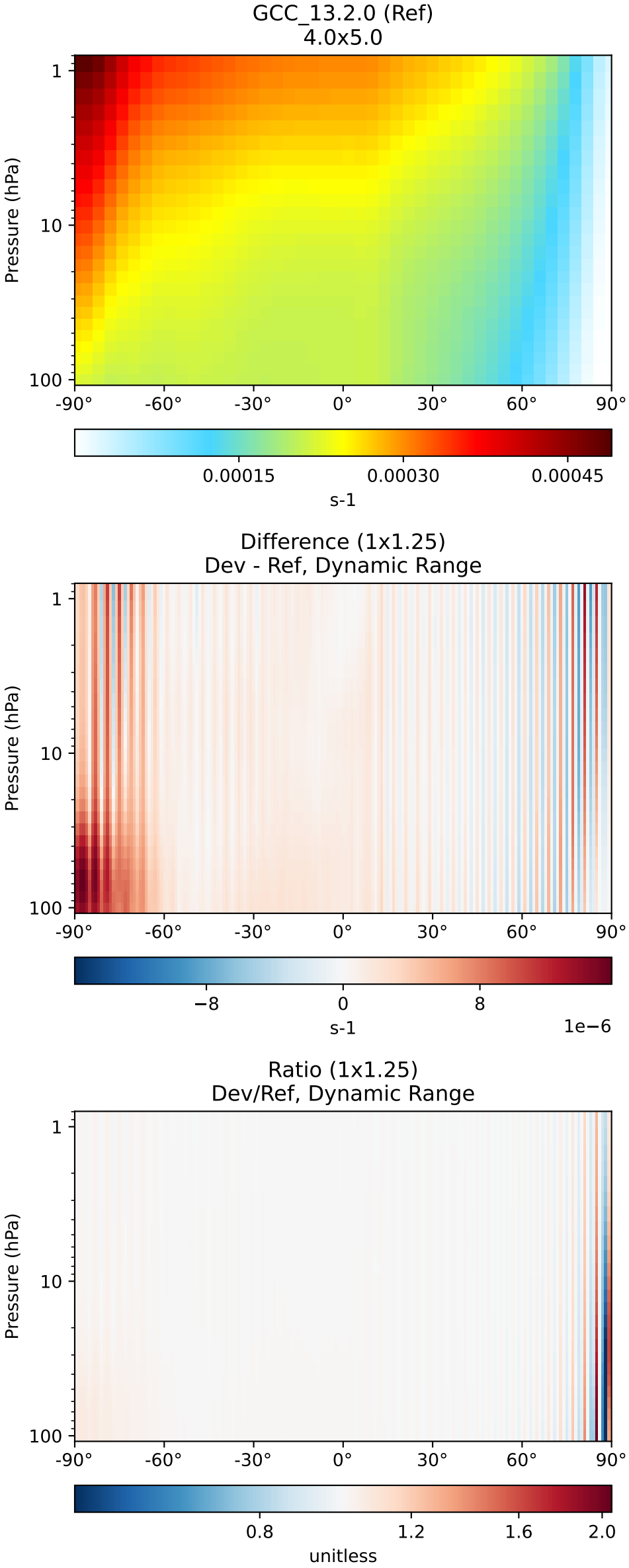


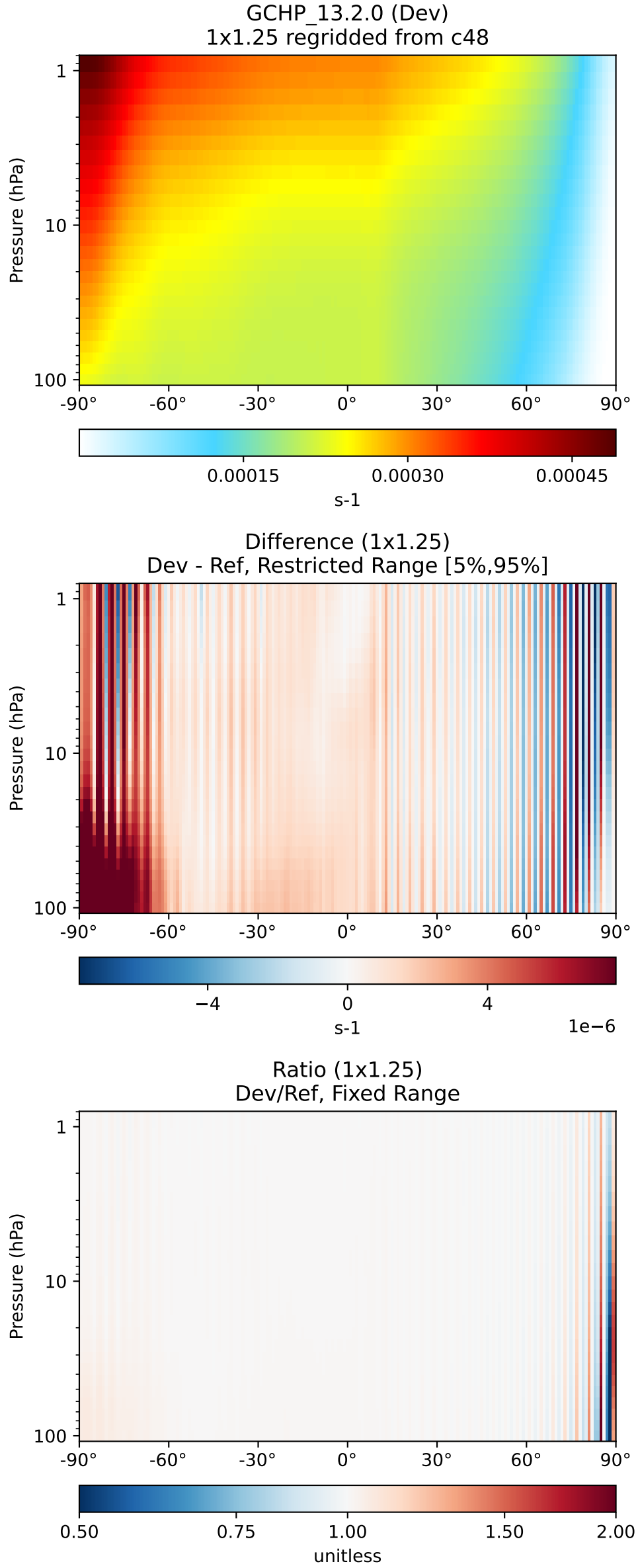
Jval_HOBr, Zonal Mean (Oct2019)



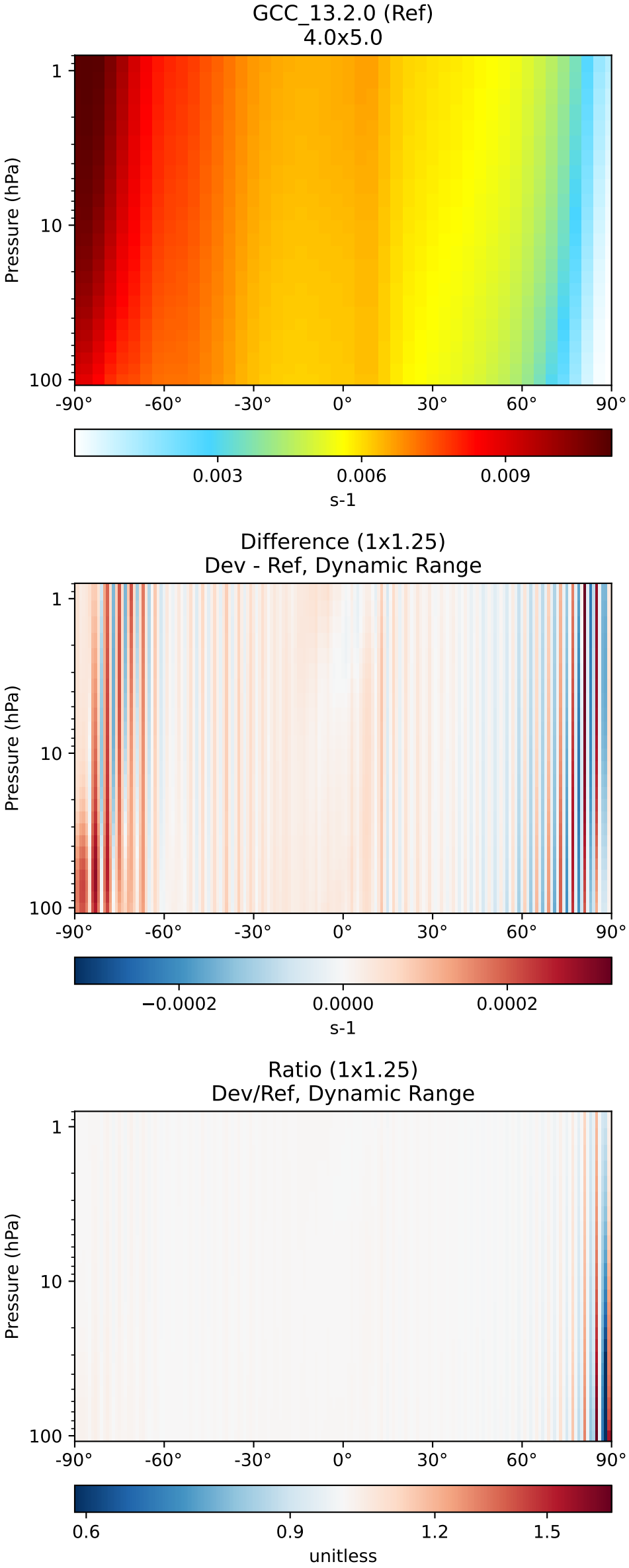


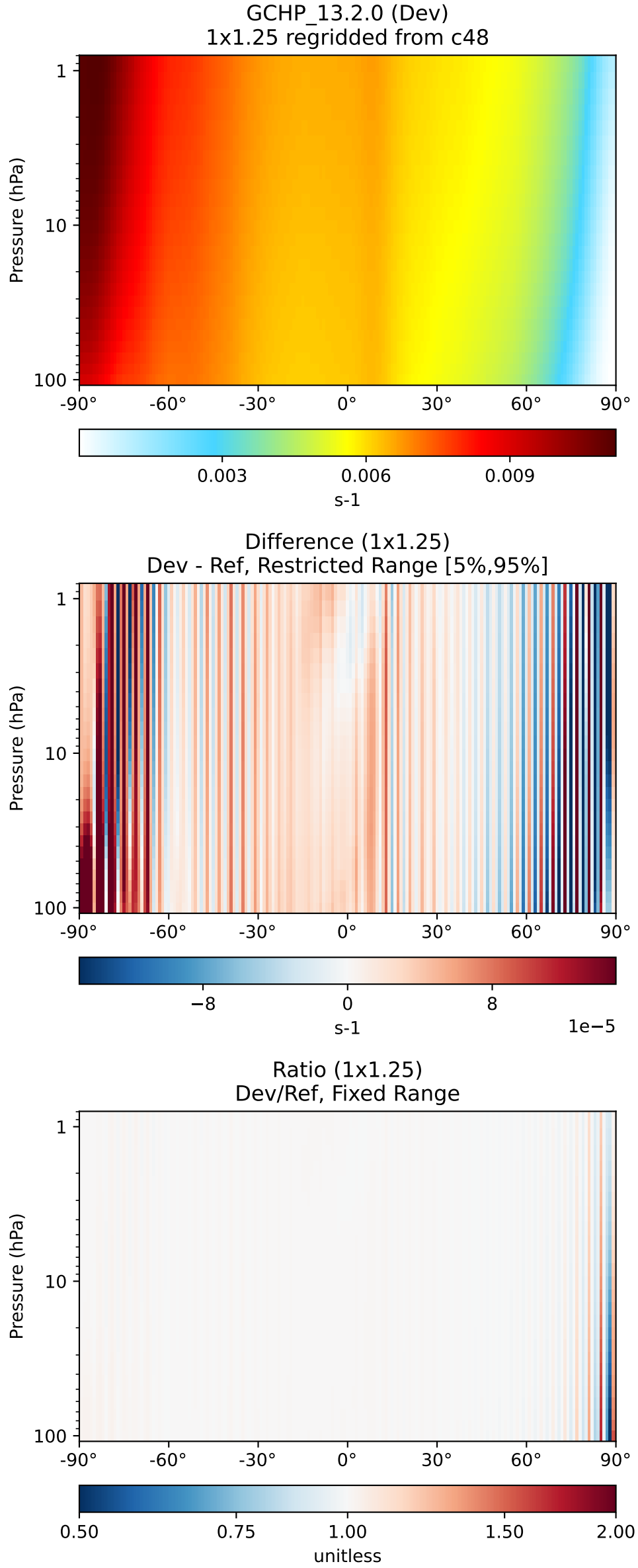
Jval_HOCl, Zonal Mean (Oct2019)



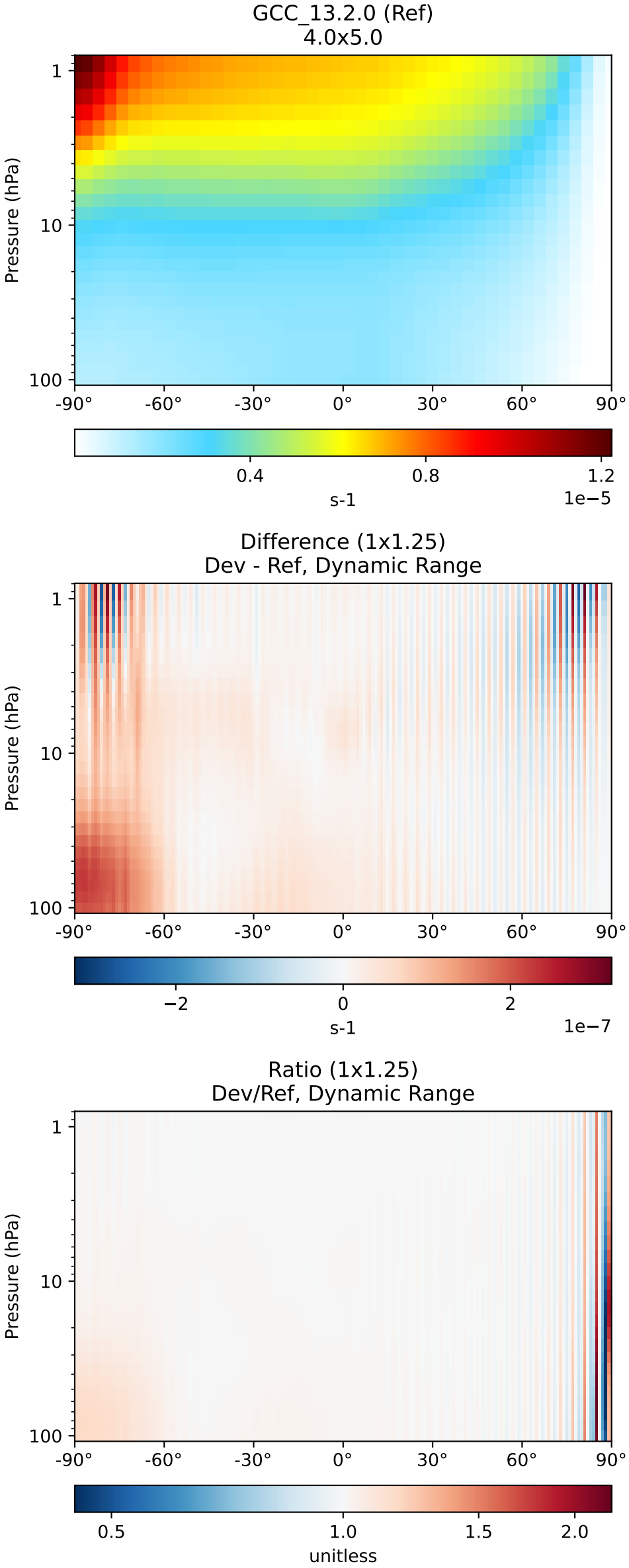


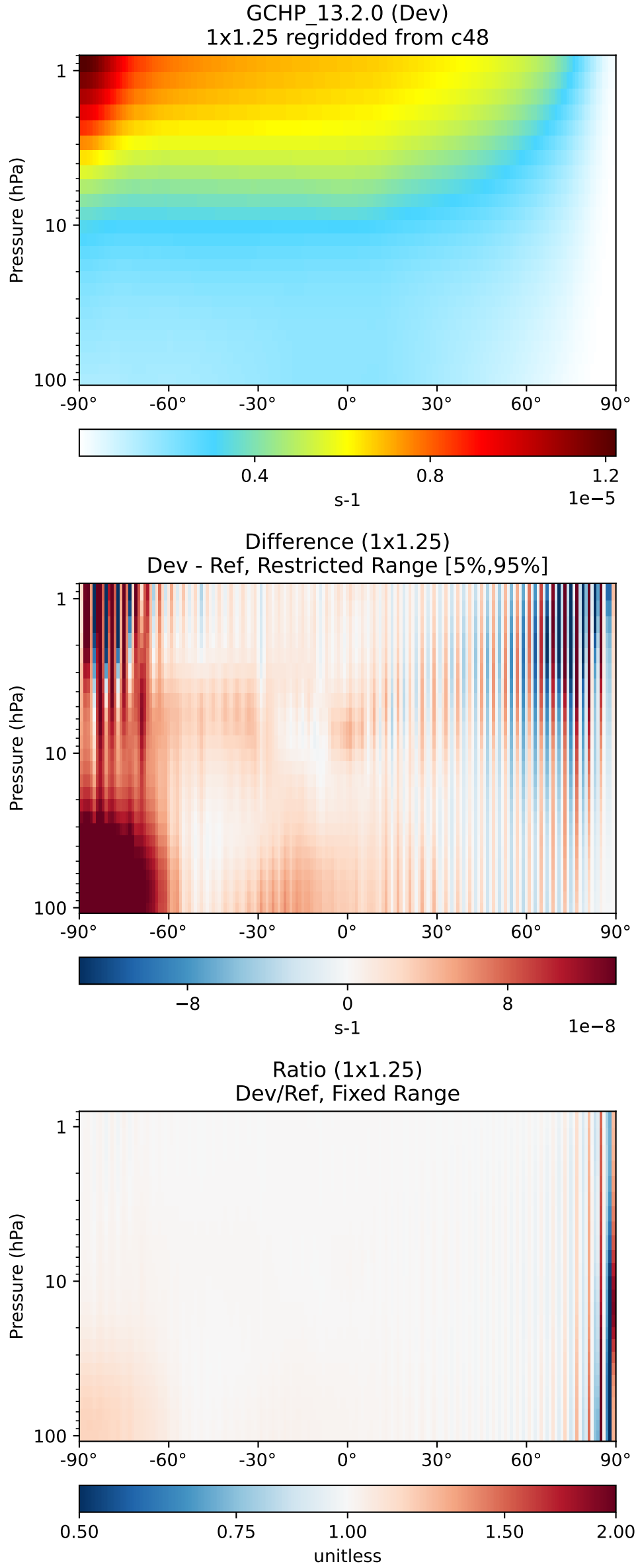
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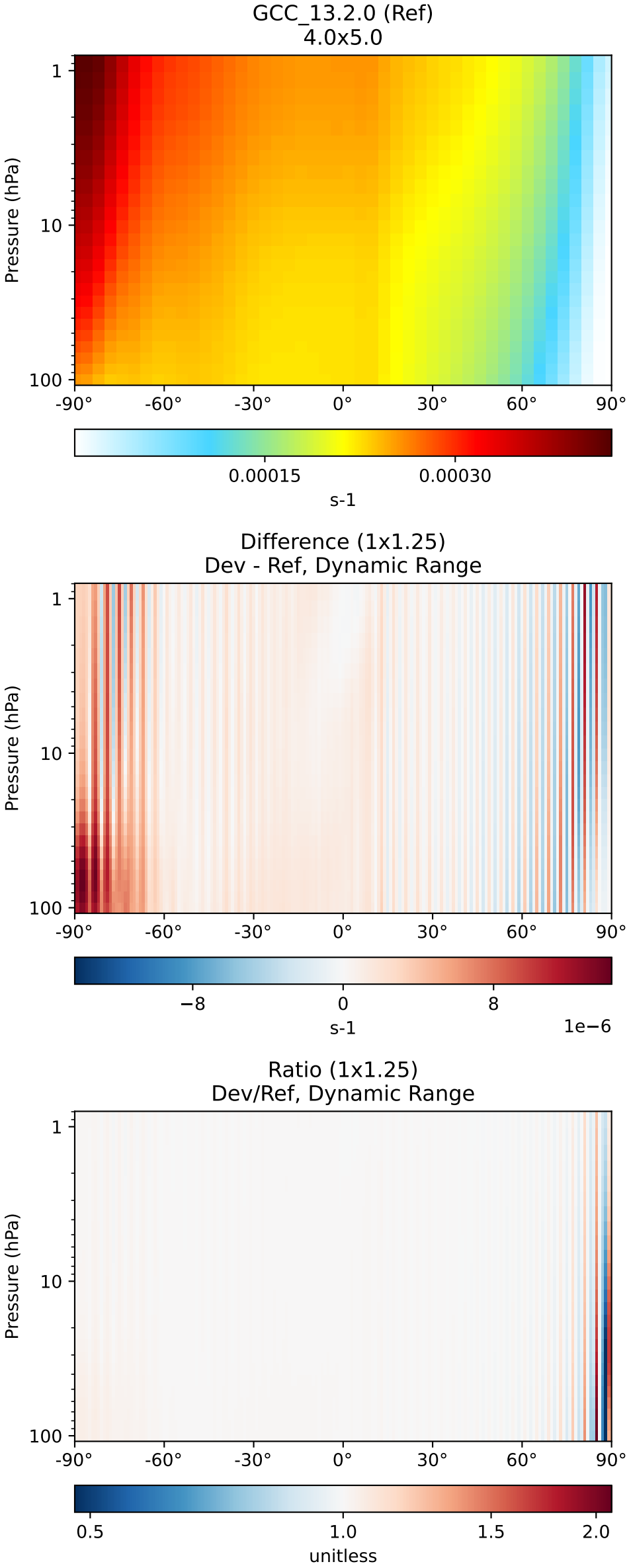


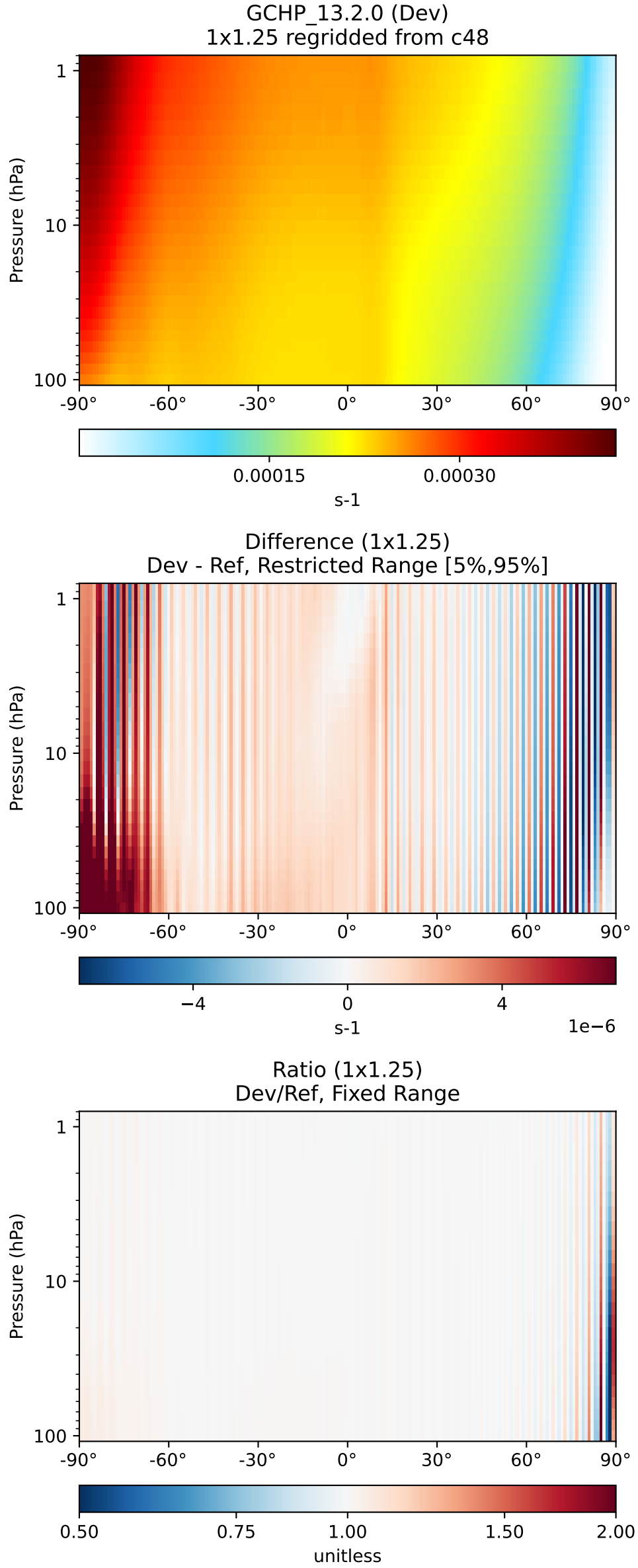
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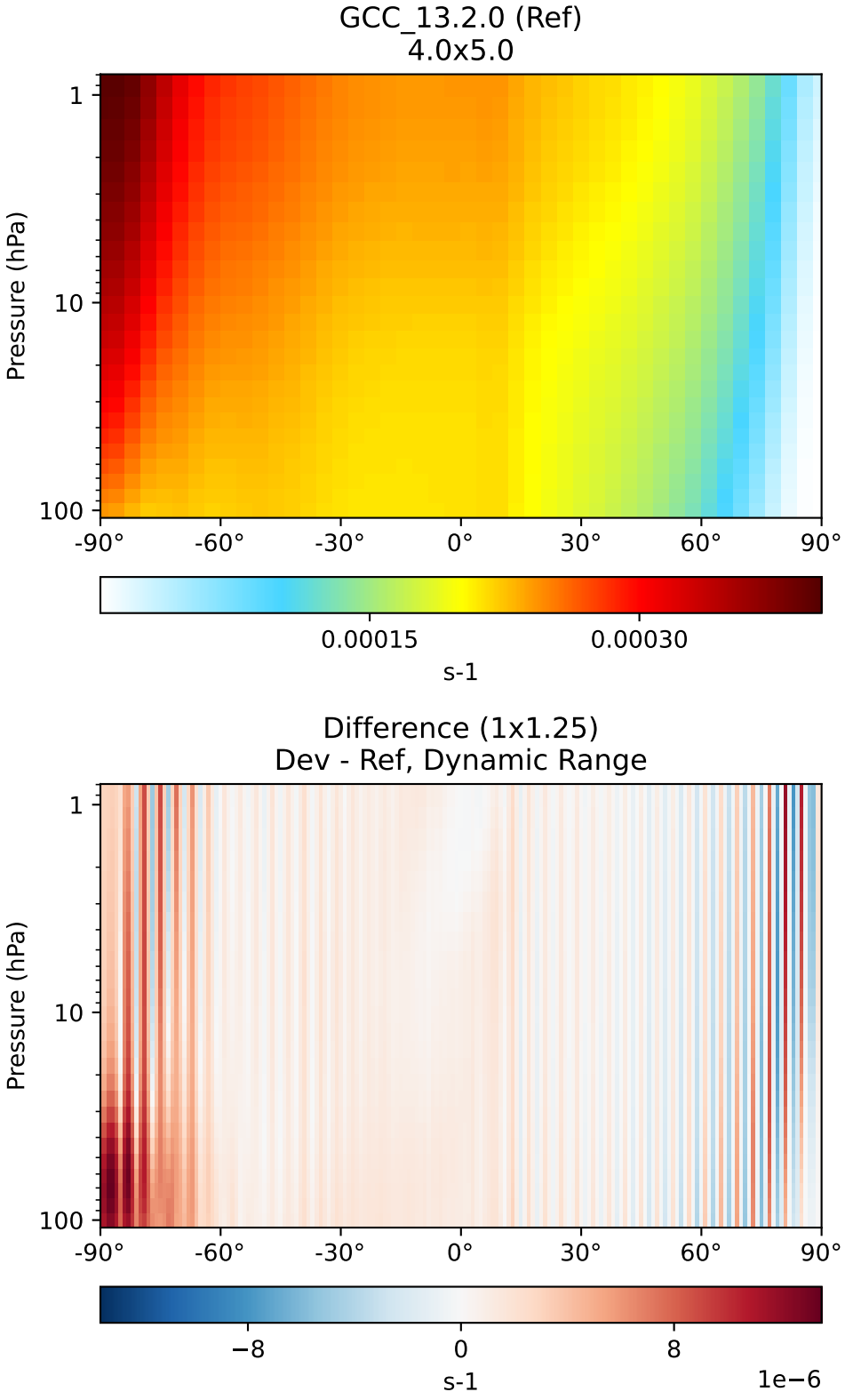


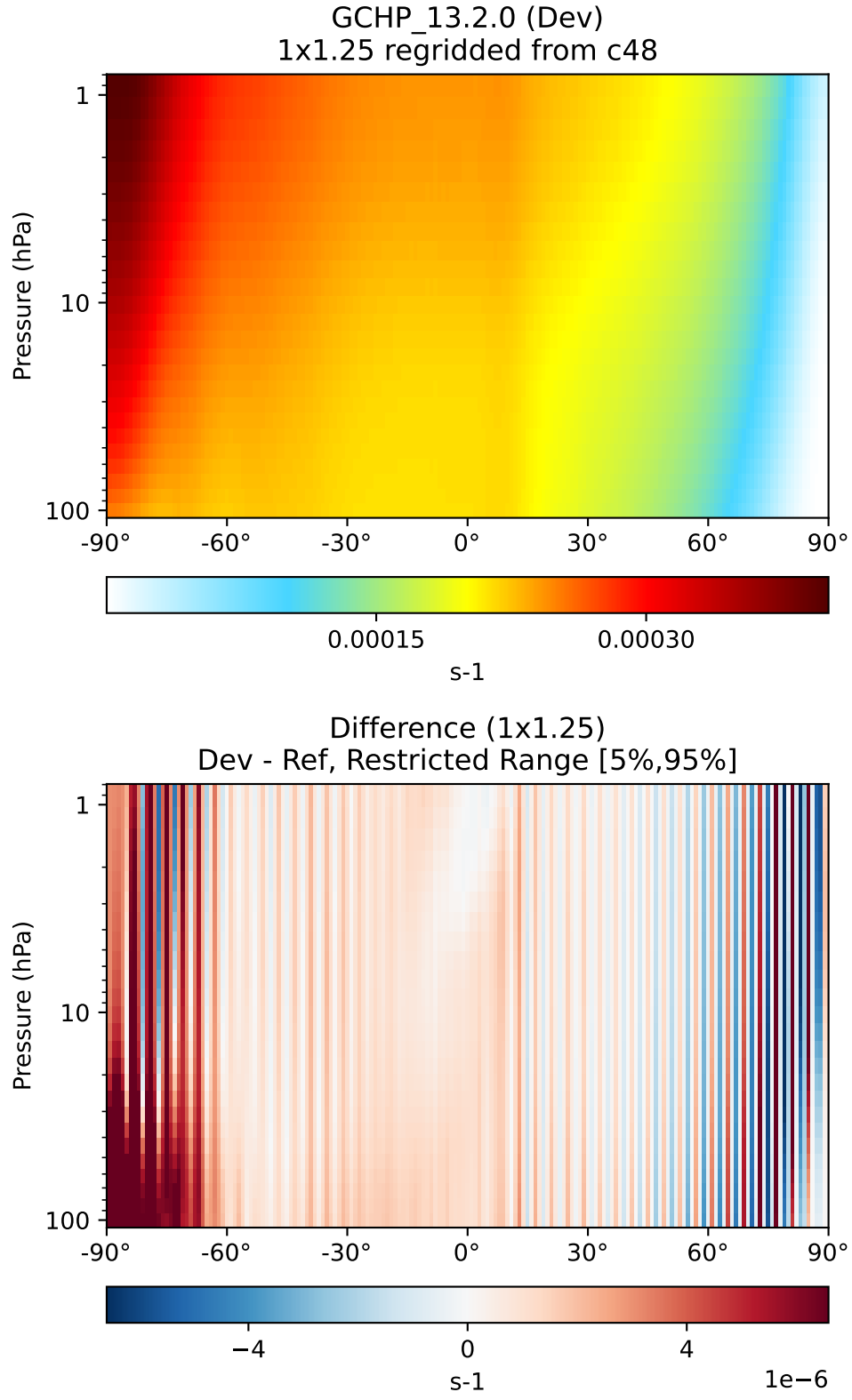
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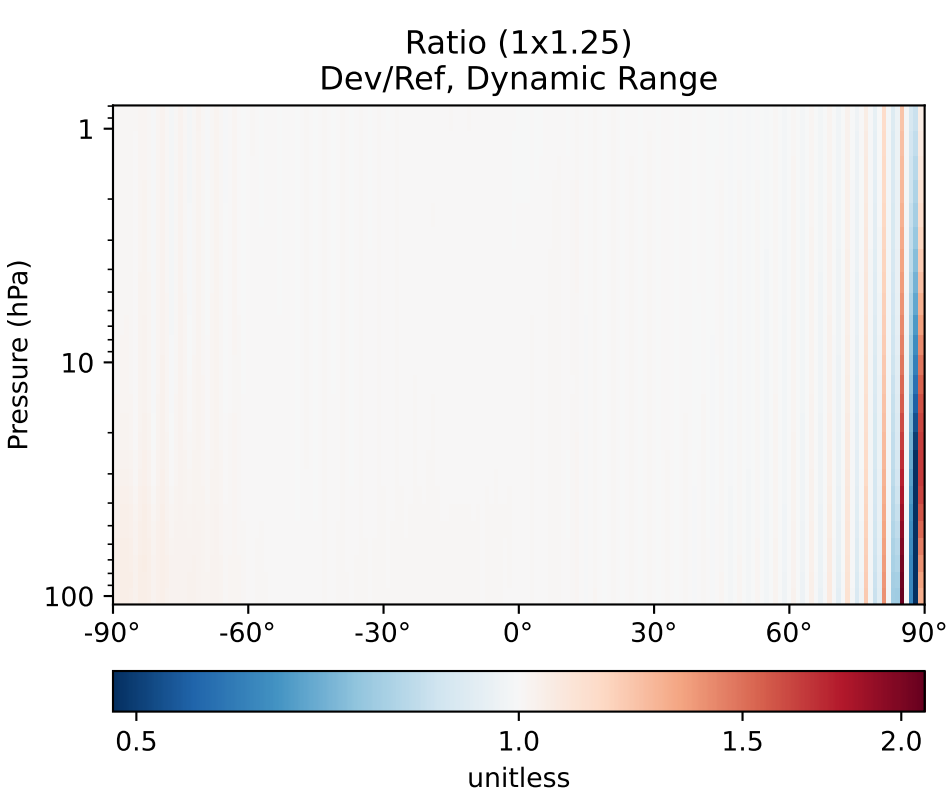


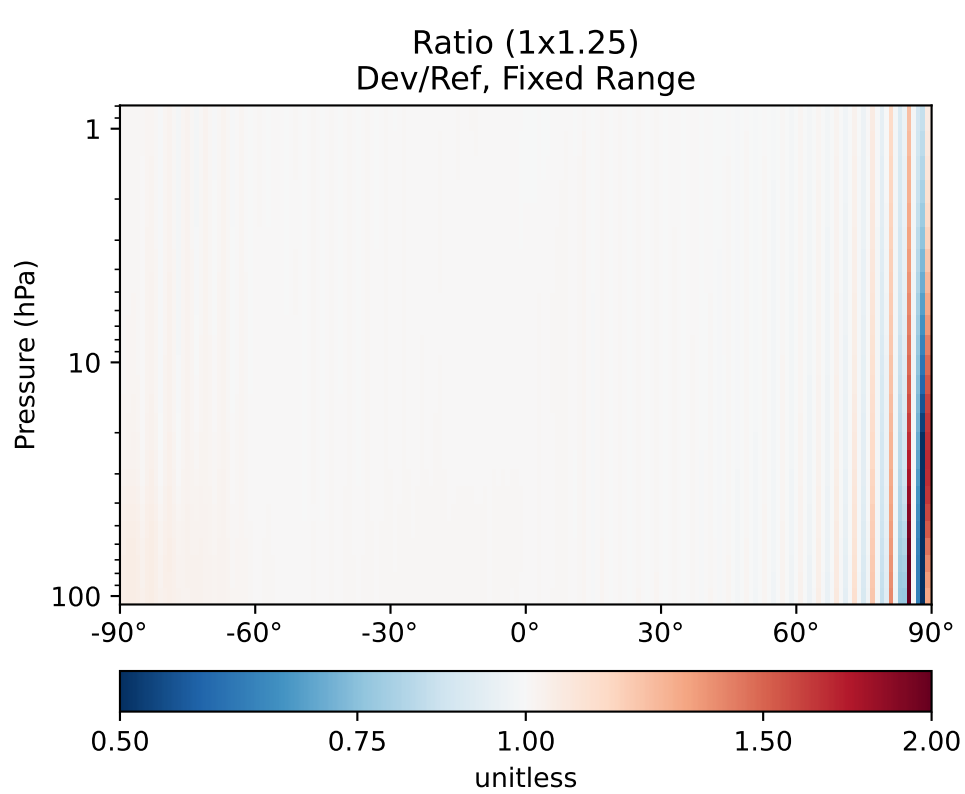


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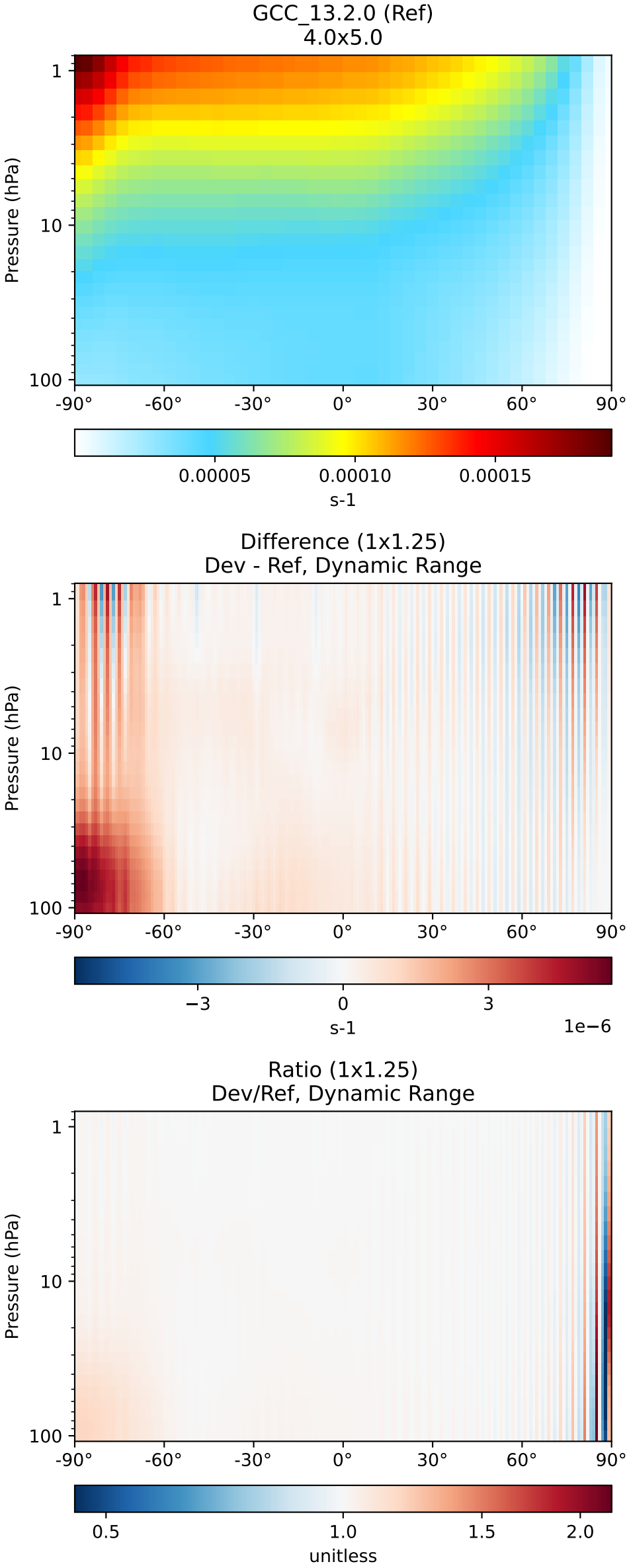


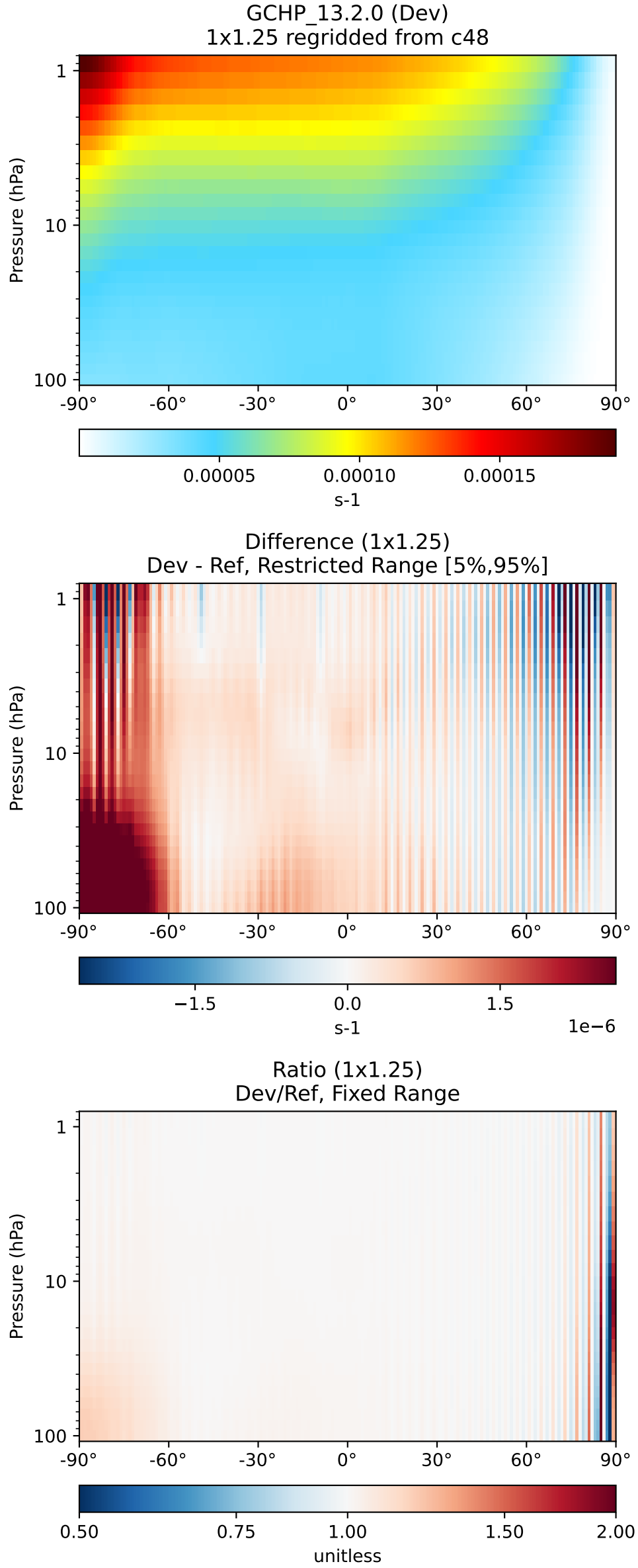




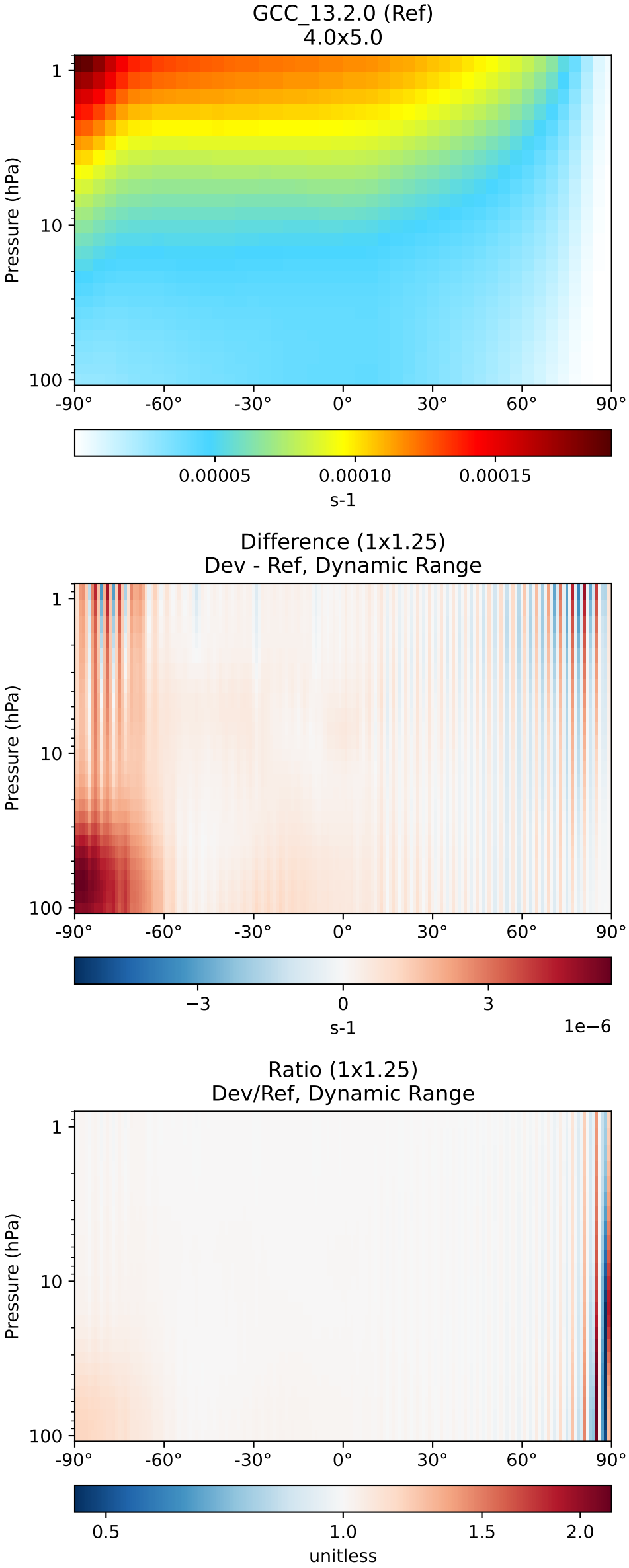


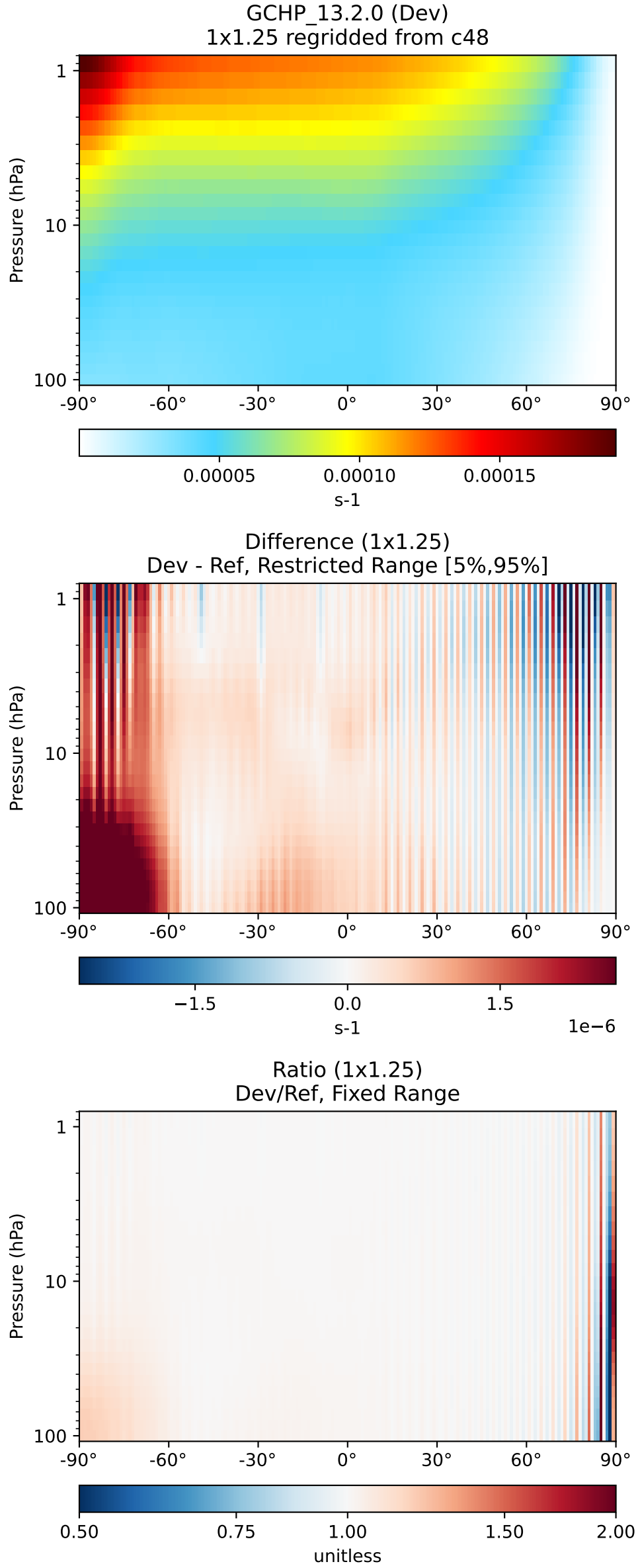
Jval_HPALD3, Zonal Mean (Oct2019)



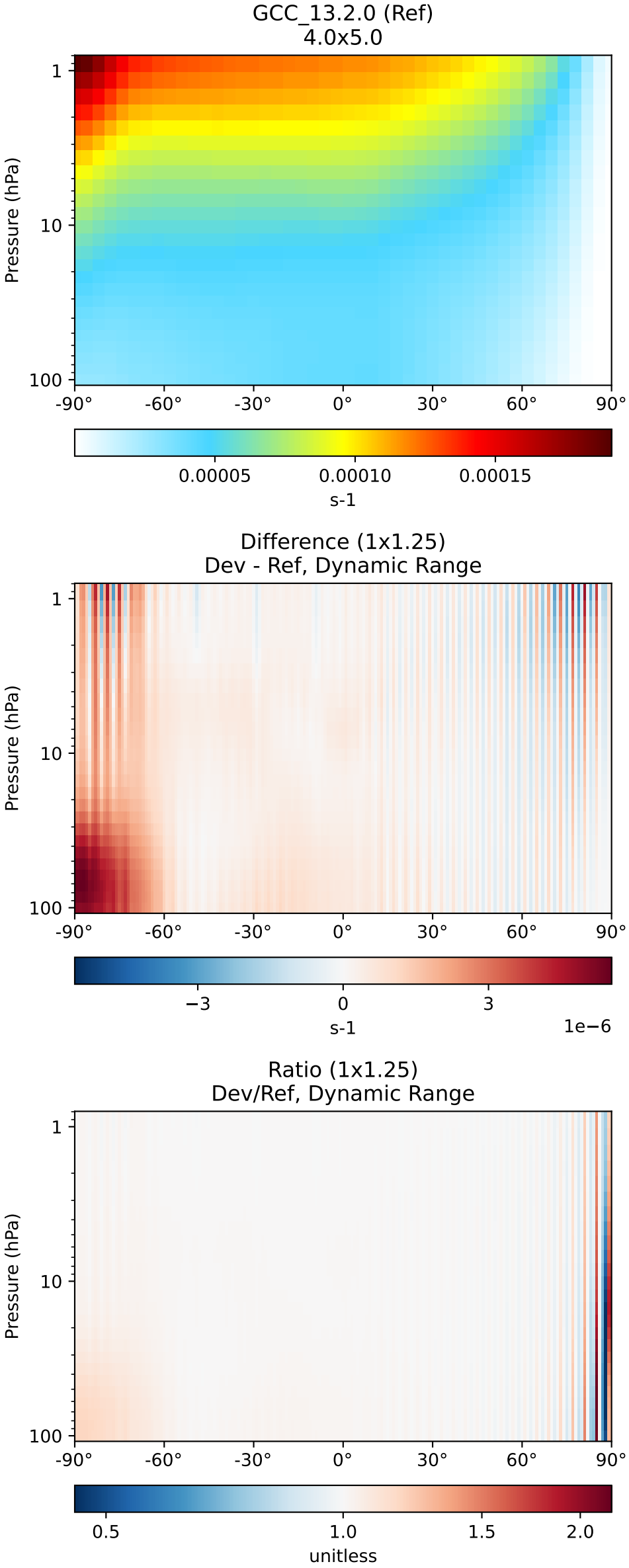


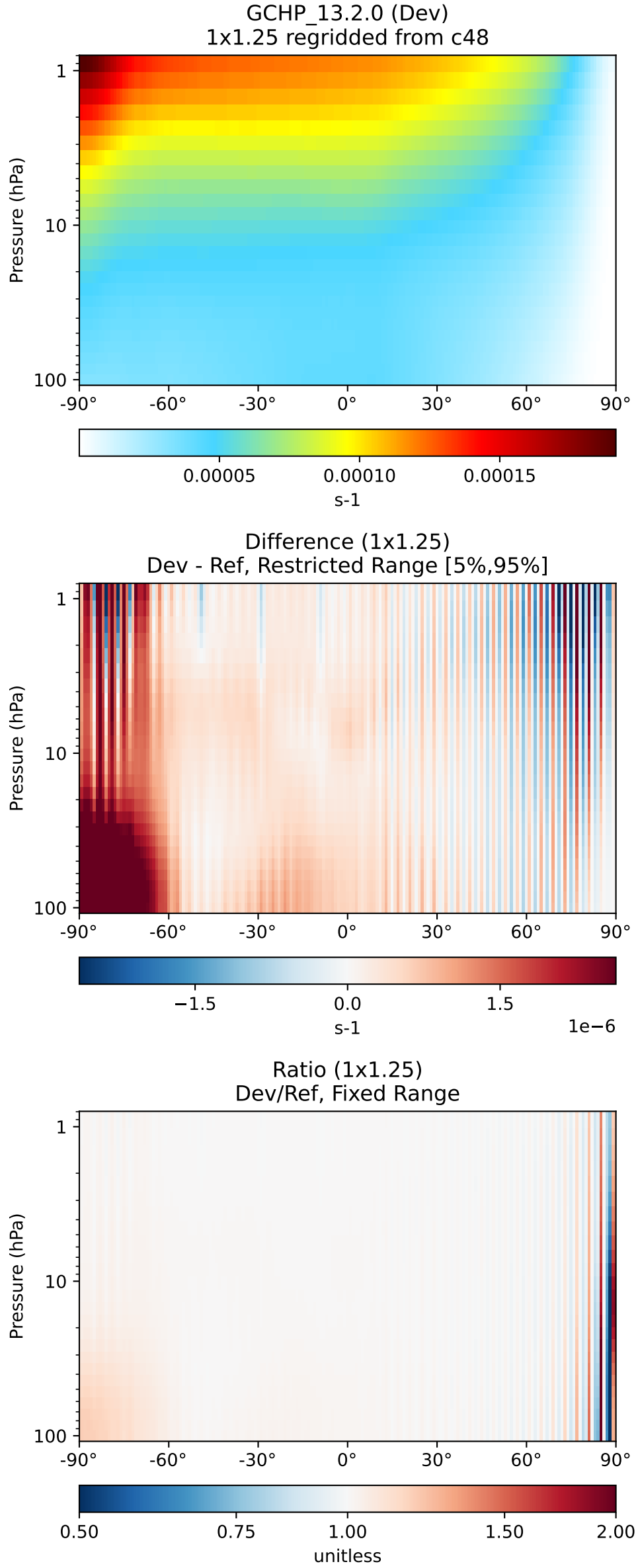
Jval_HPALD4, Zonal Mean (Oct2019)



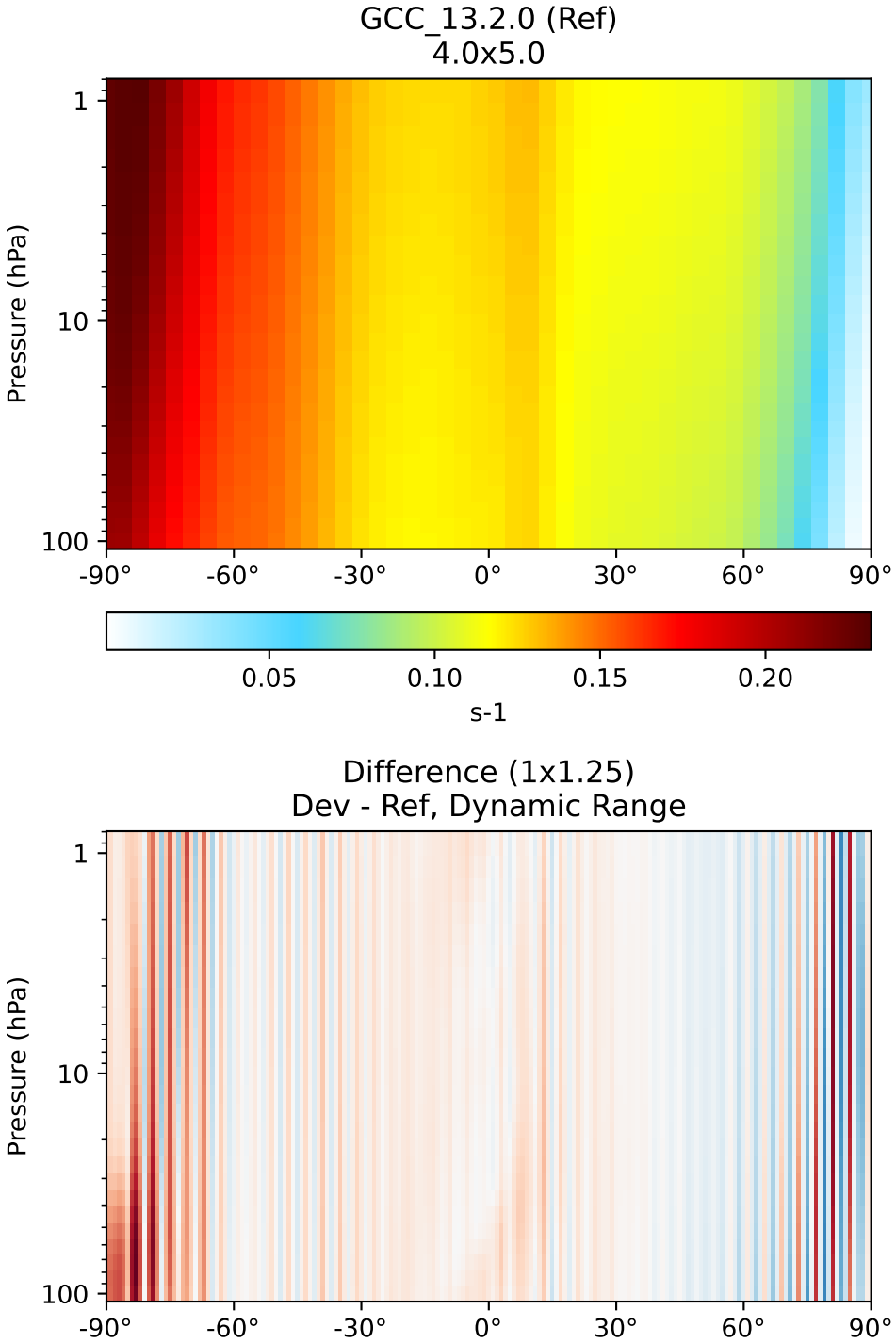


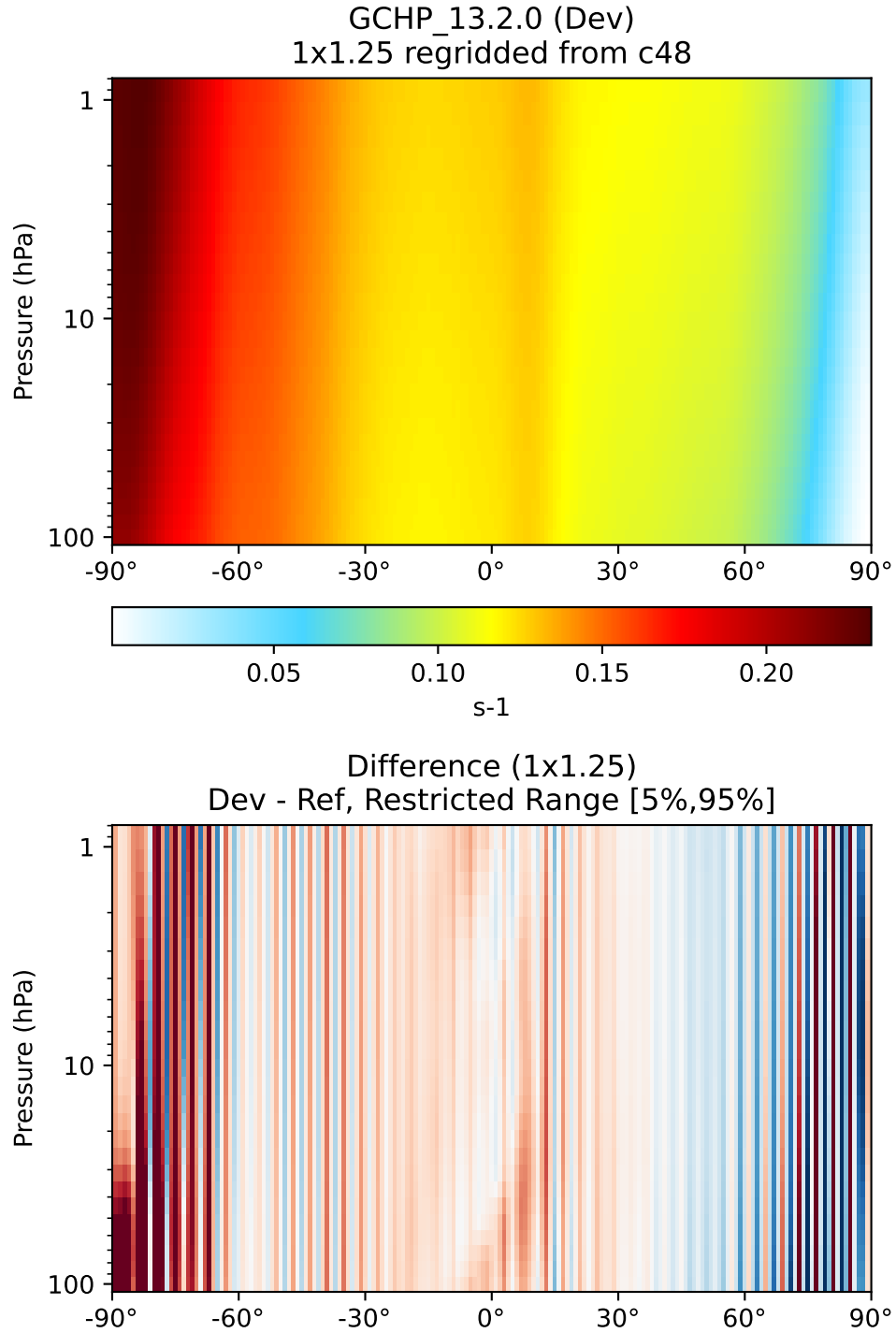
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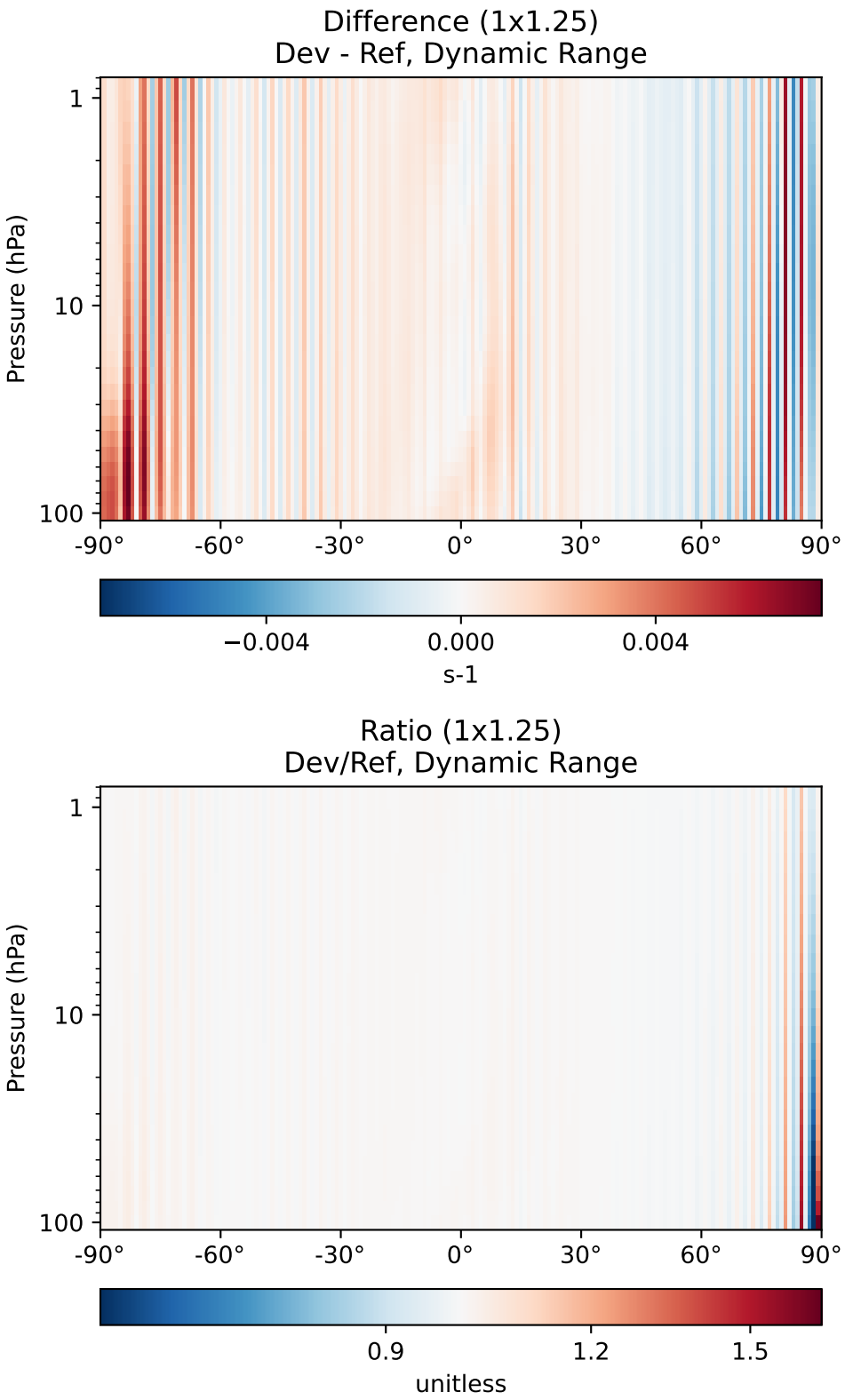


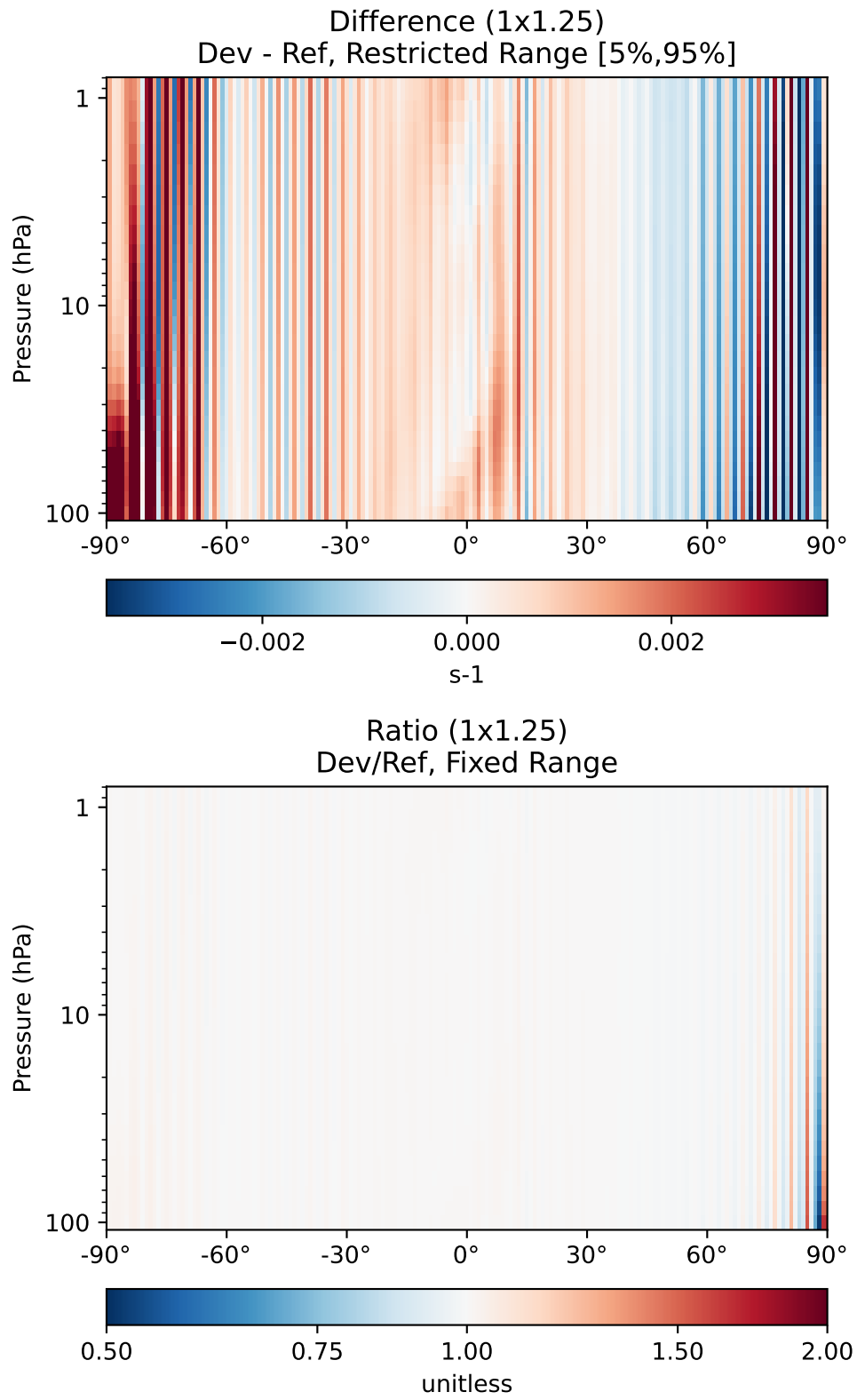


Jval_I2, Zonal Mean (Oct2019)

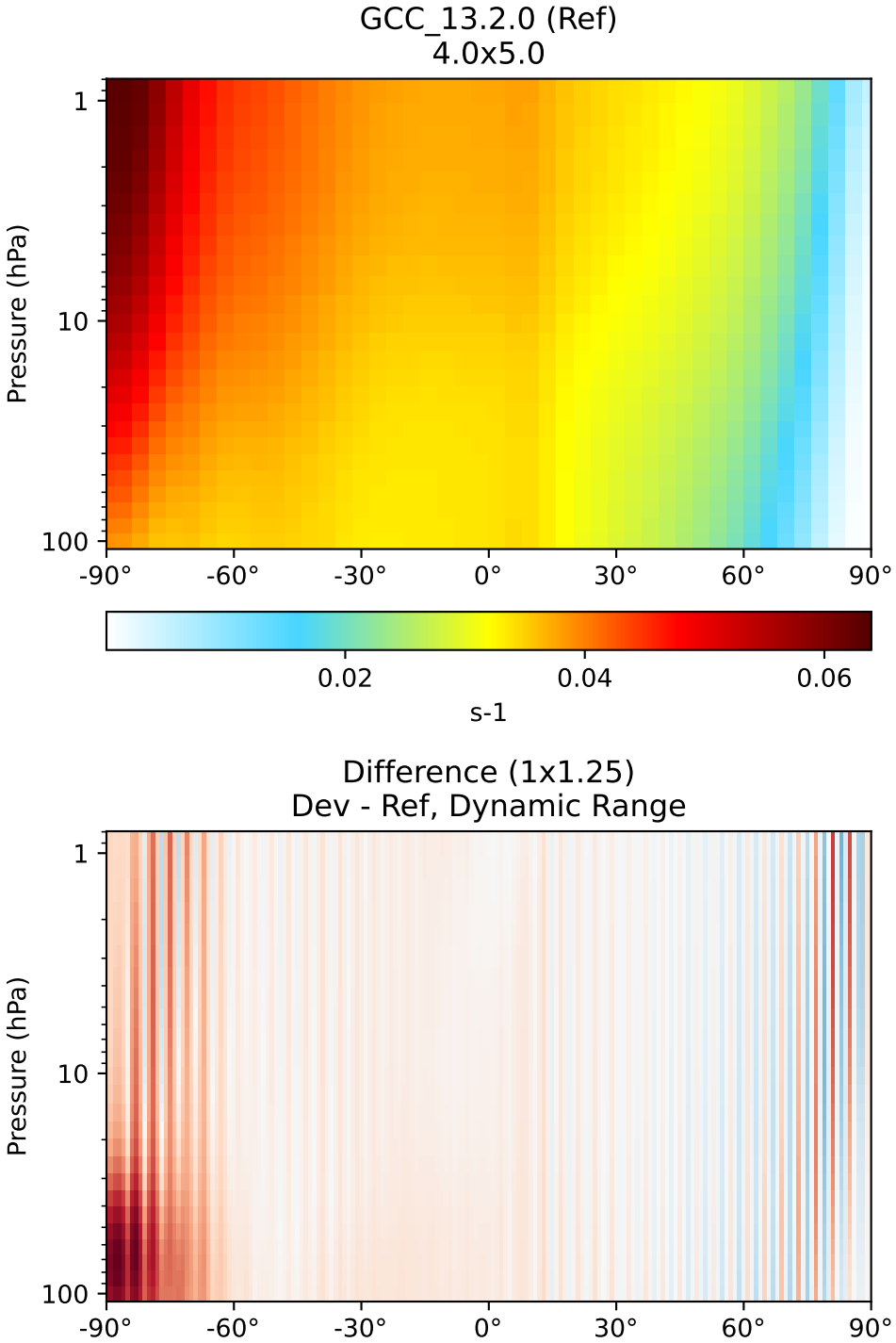


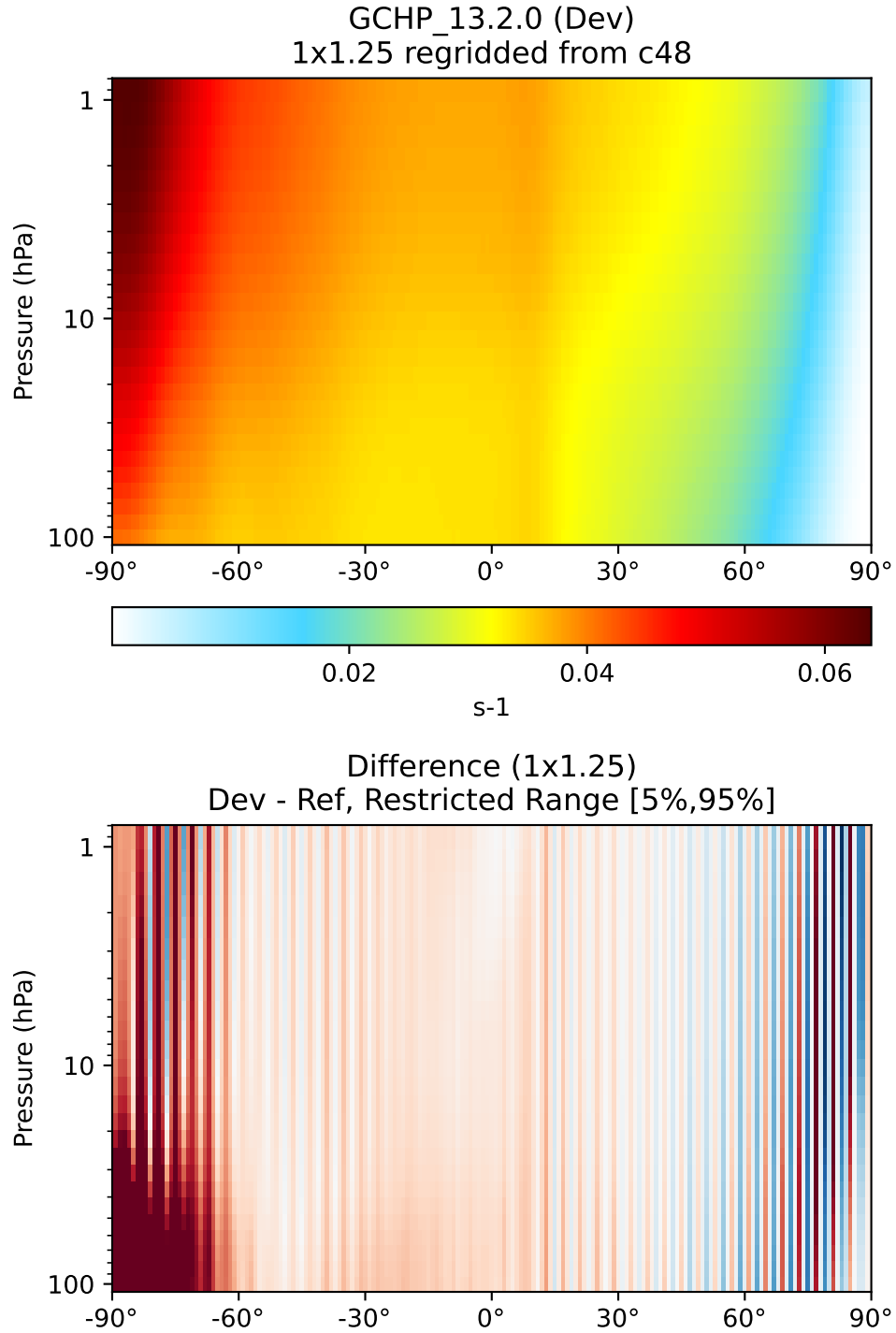


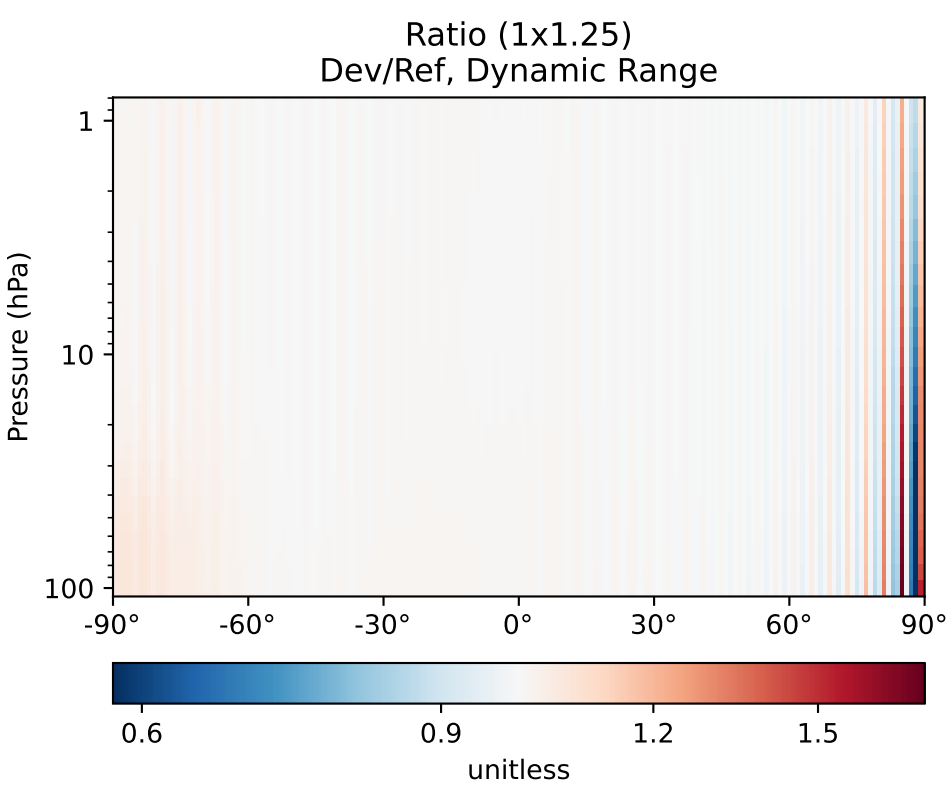


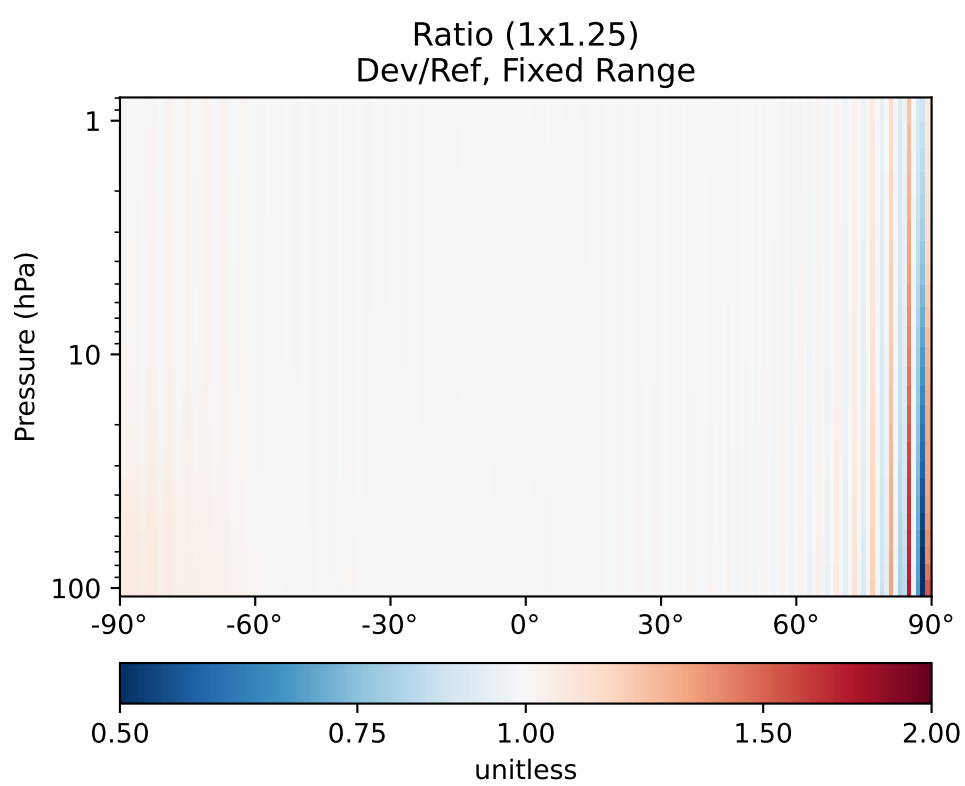


Jval_I2O2, Zonal Mean (Oct2019)

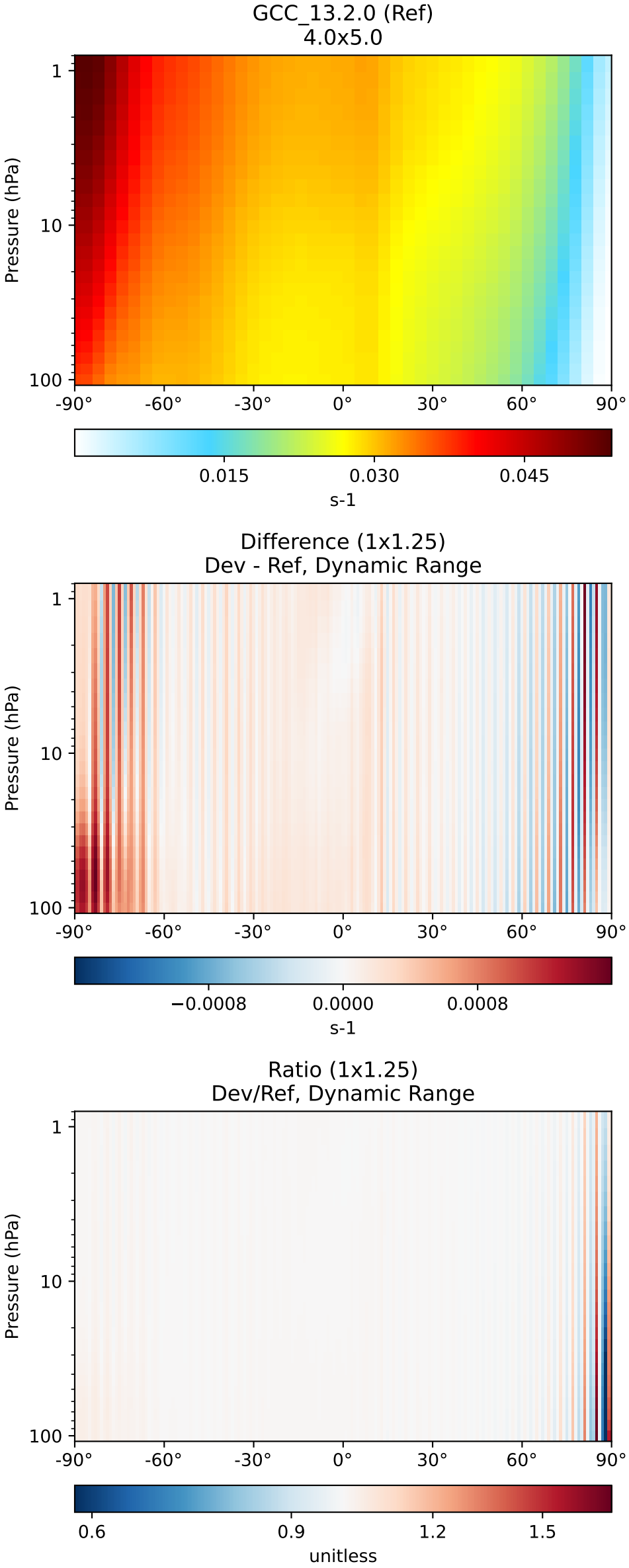


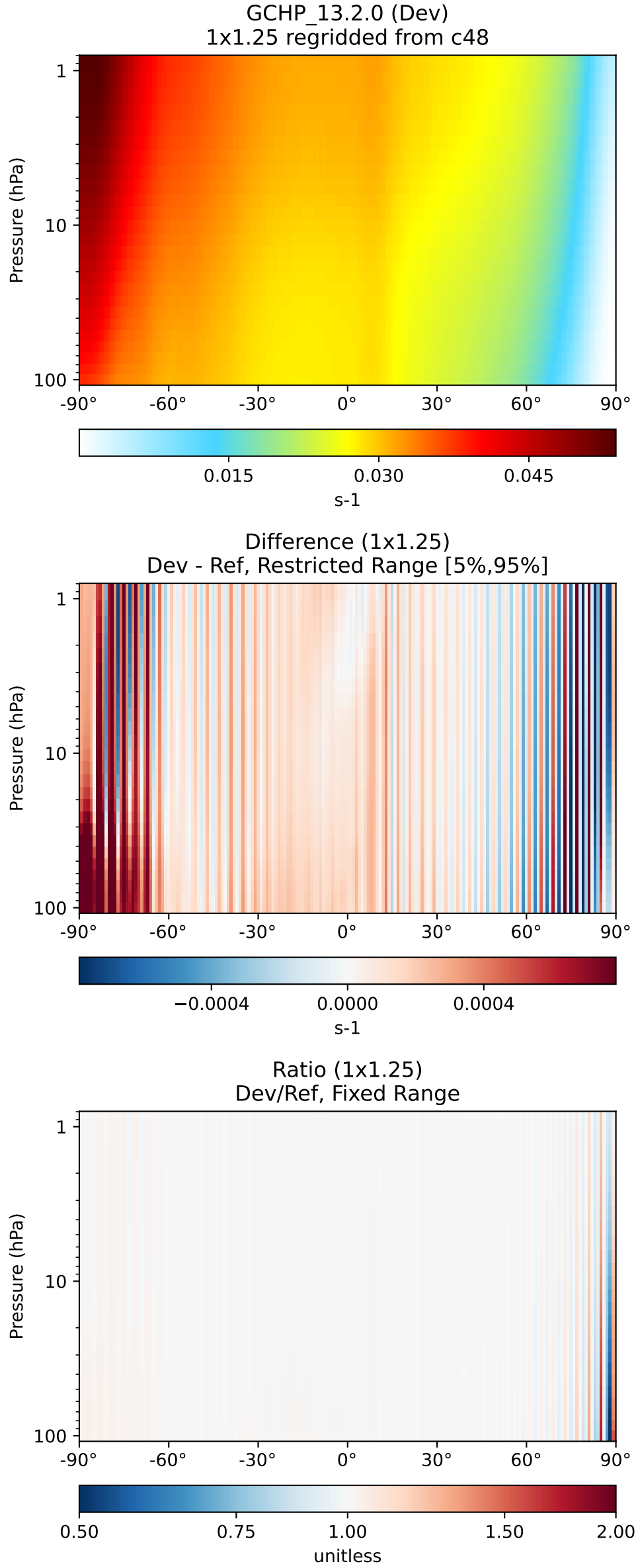




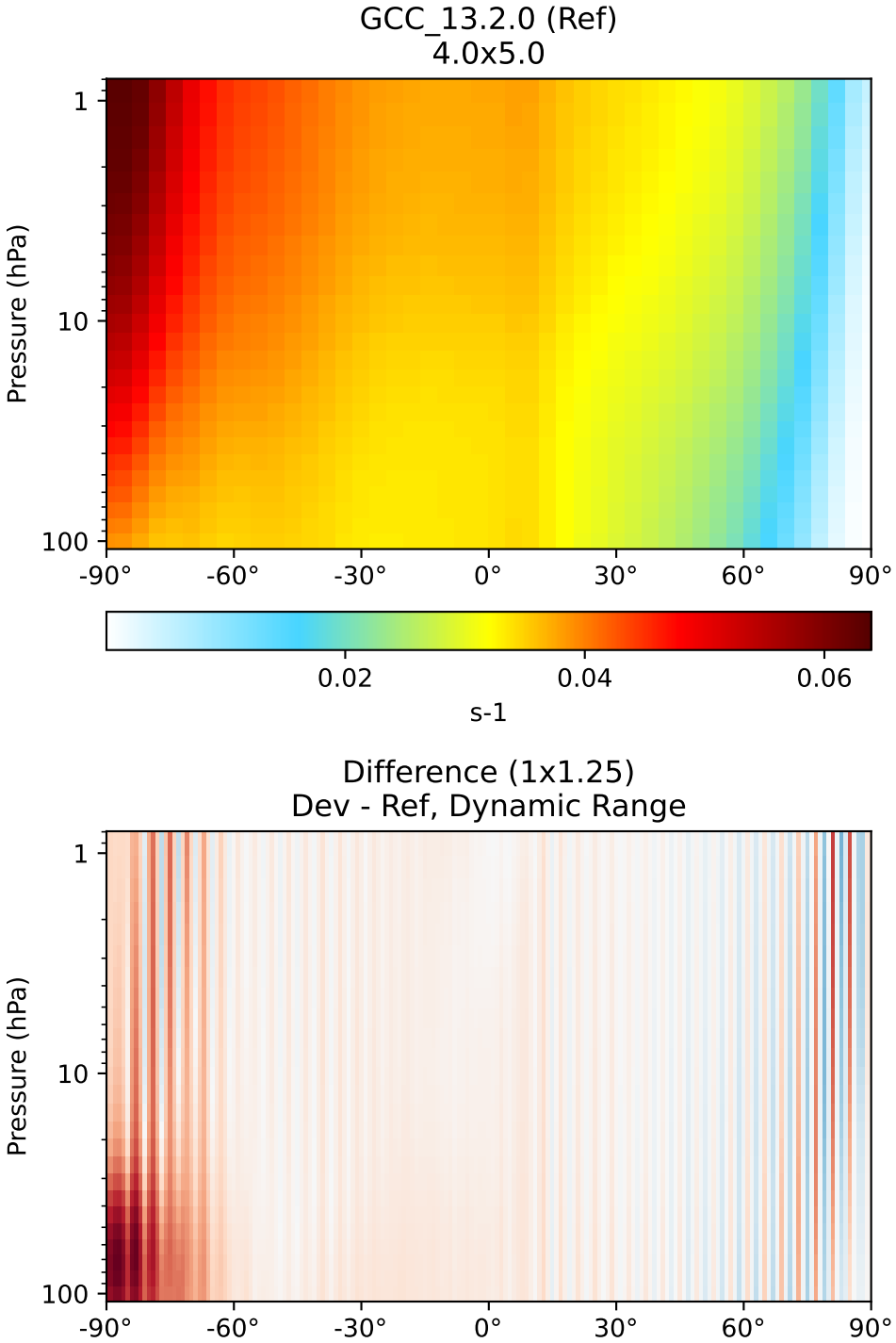


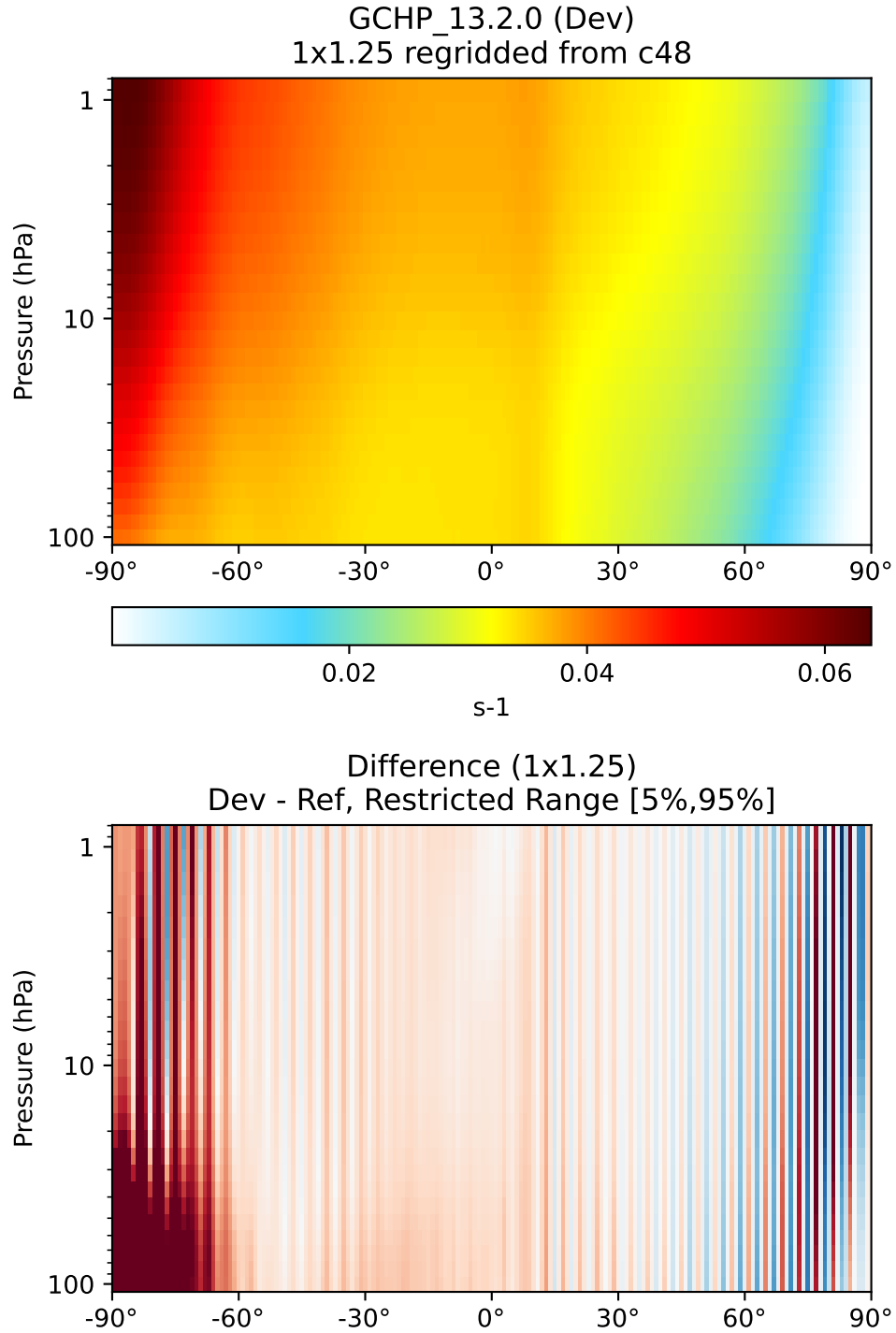
Jval_I2O3, Zonal Mean (Oct2019)

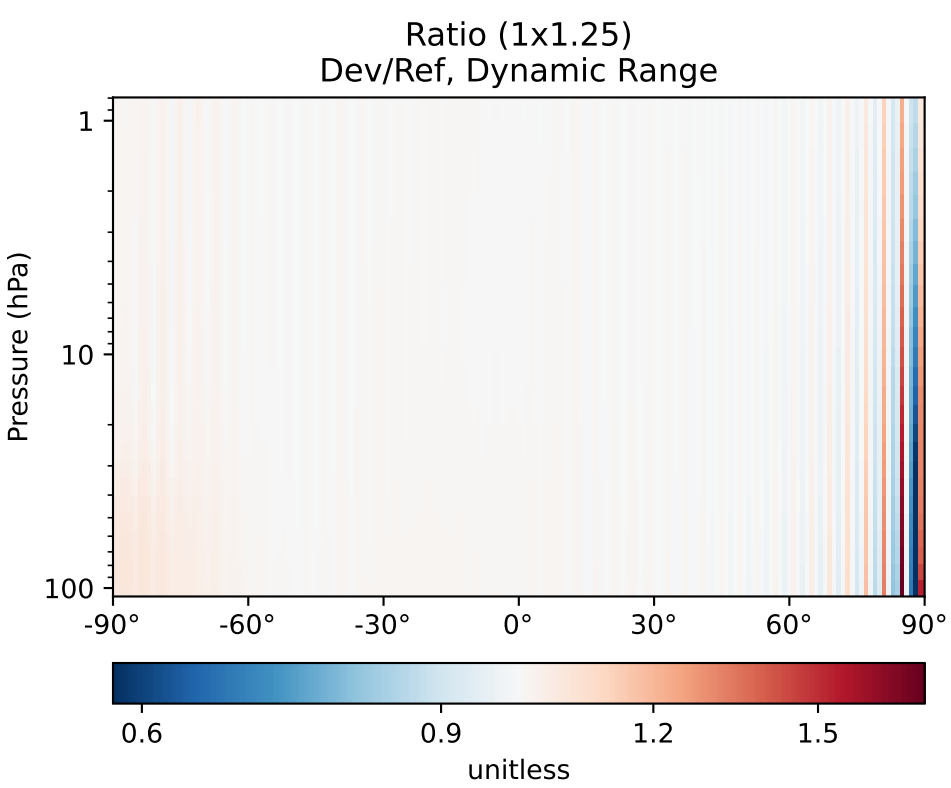


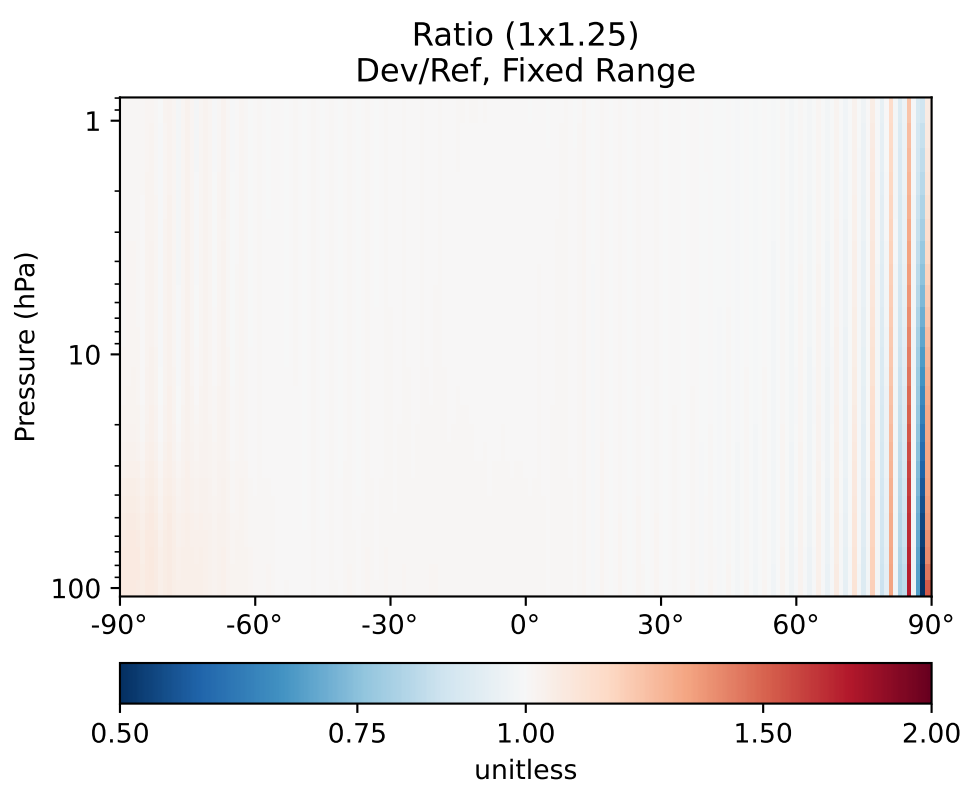


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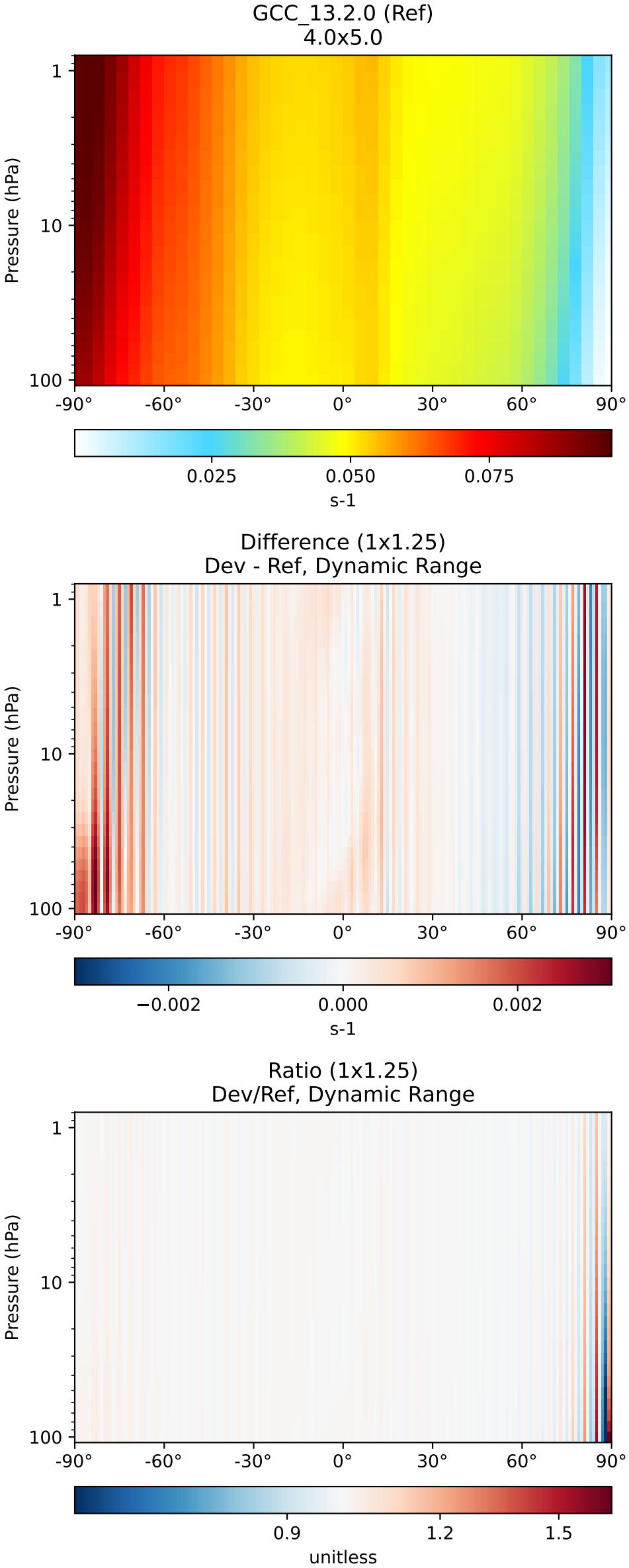


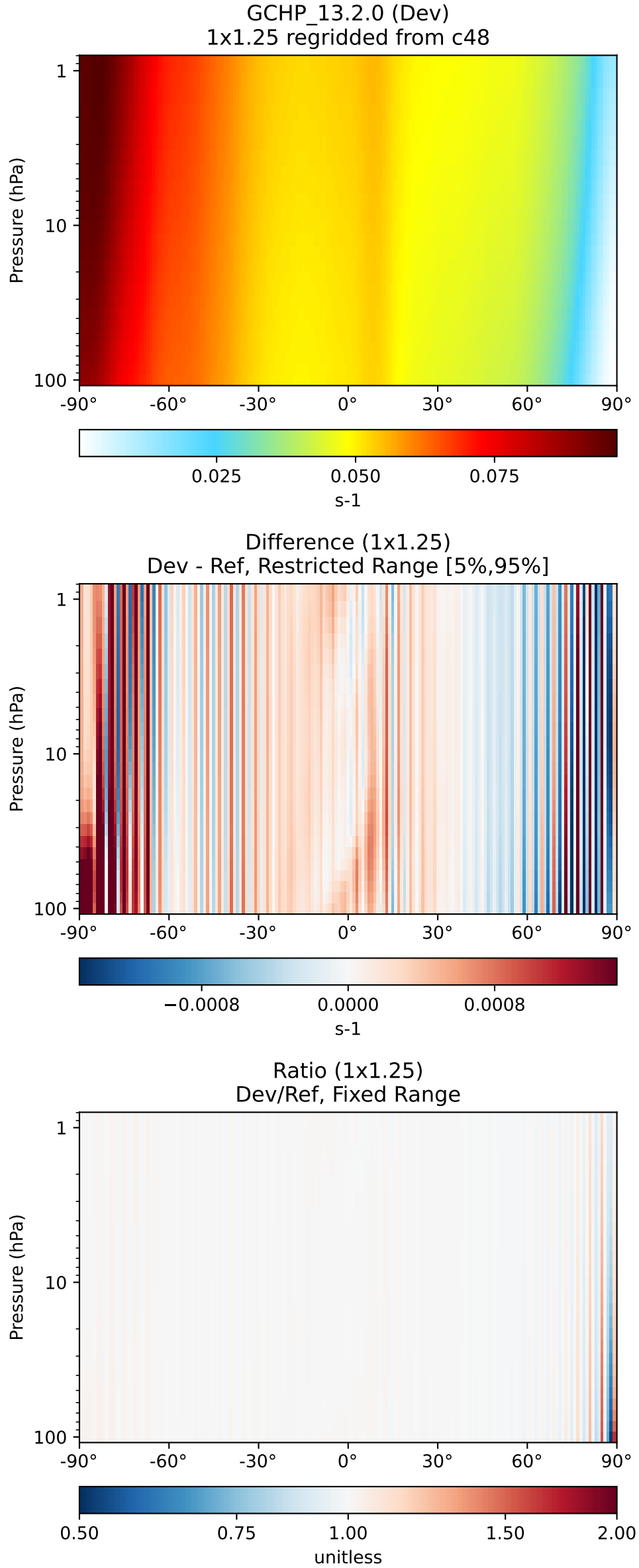




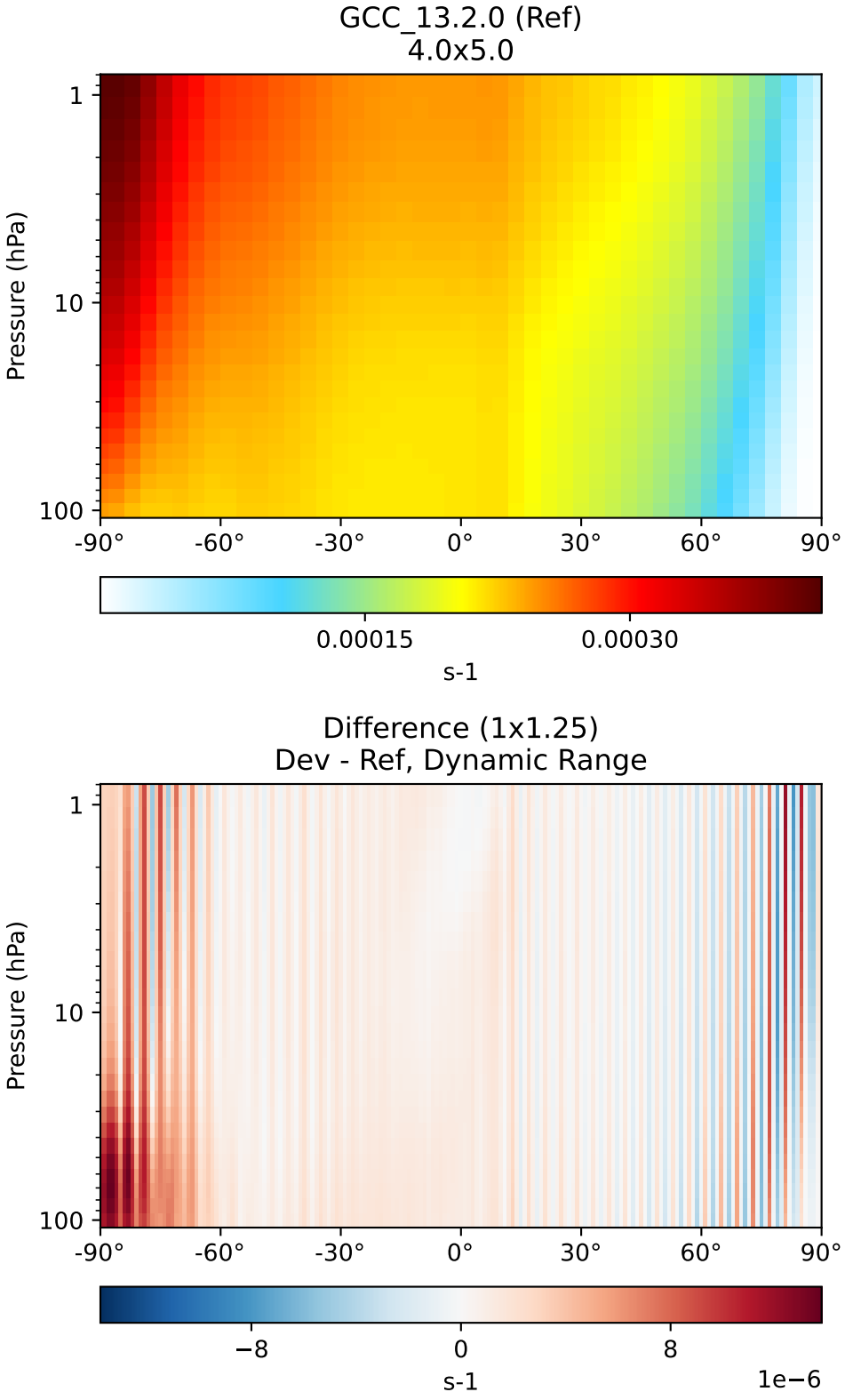


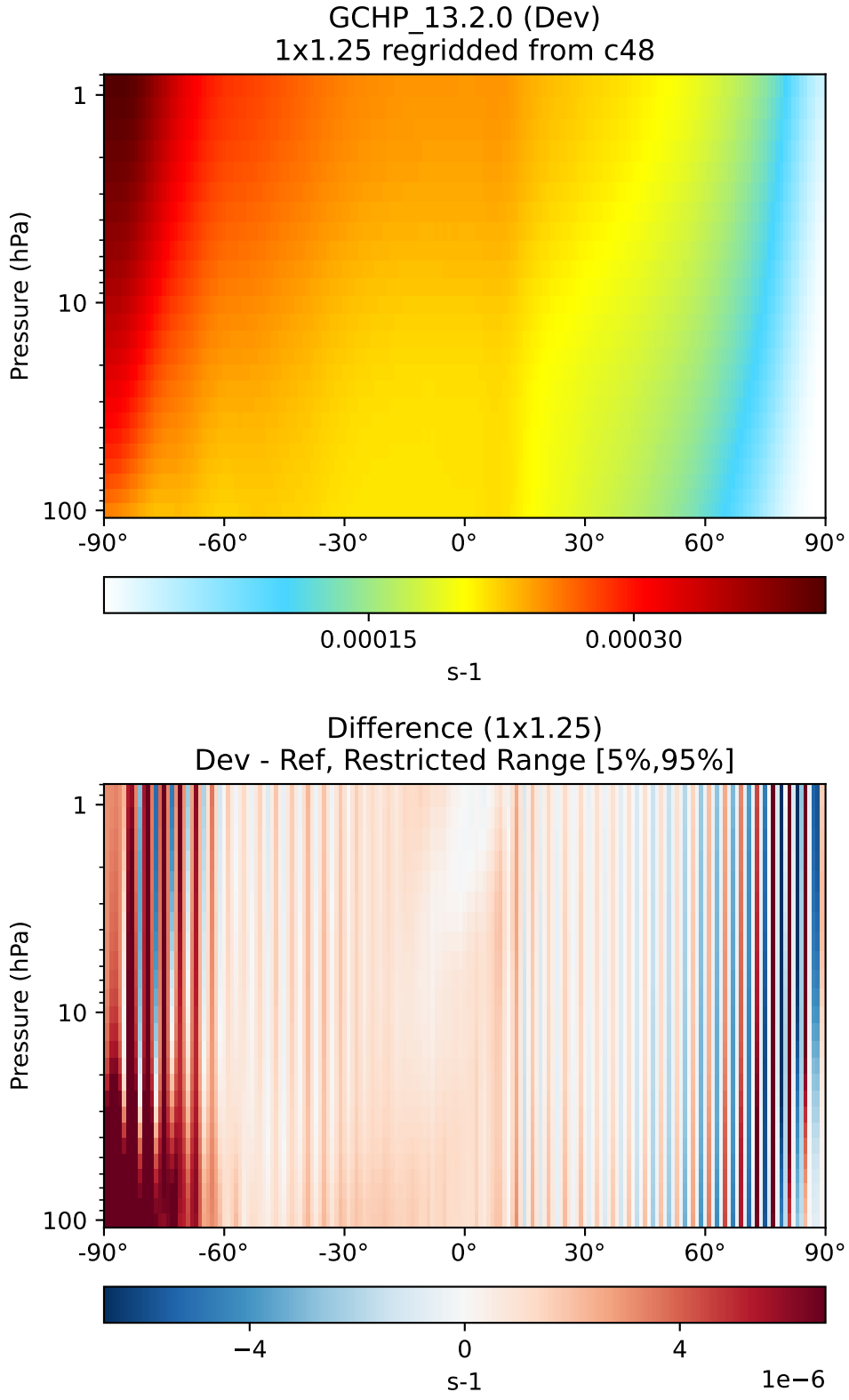
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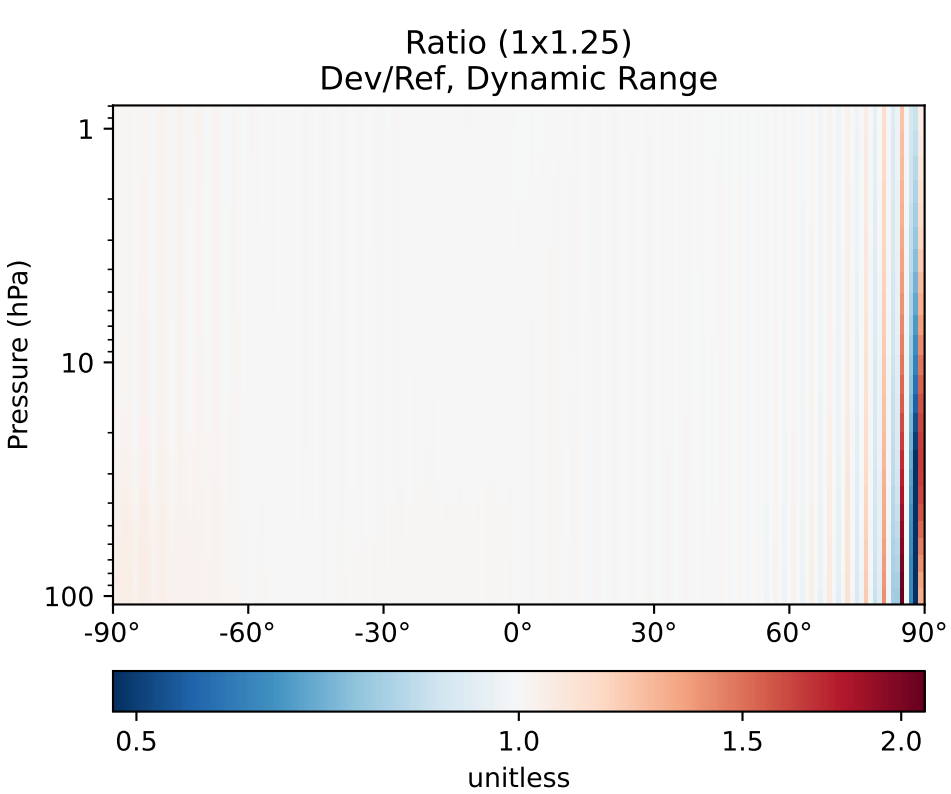


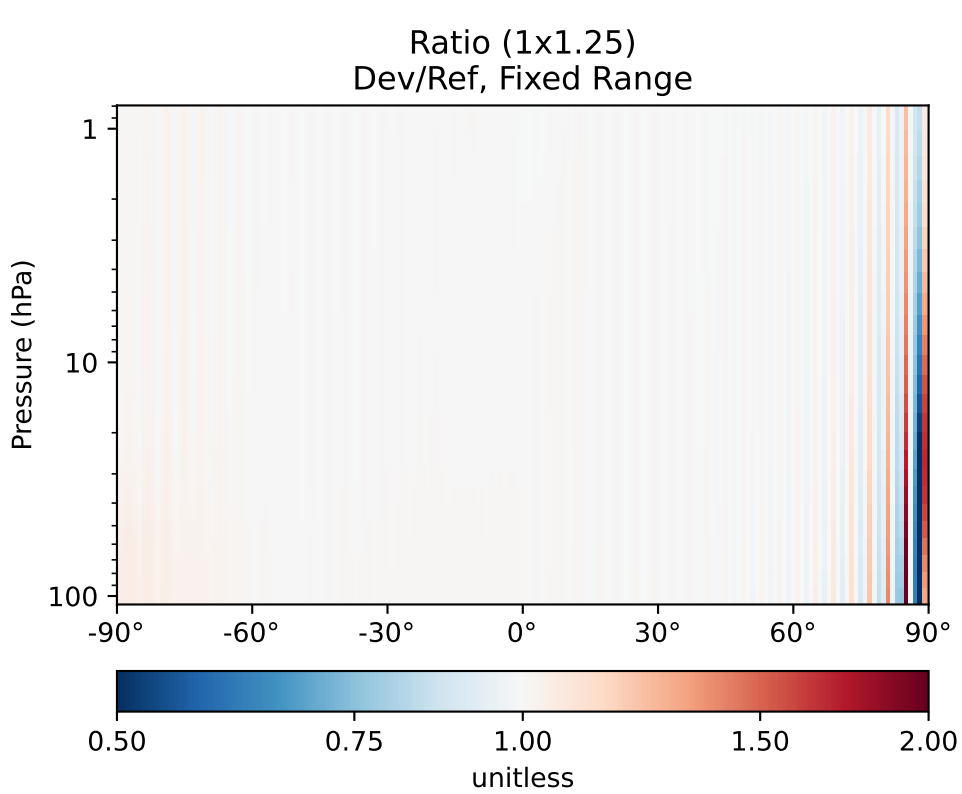


Jval_ICN, Zonal Mean (Oct2019)

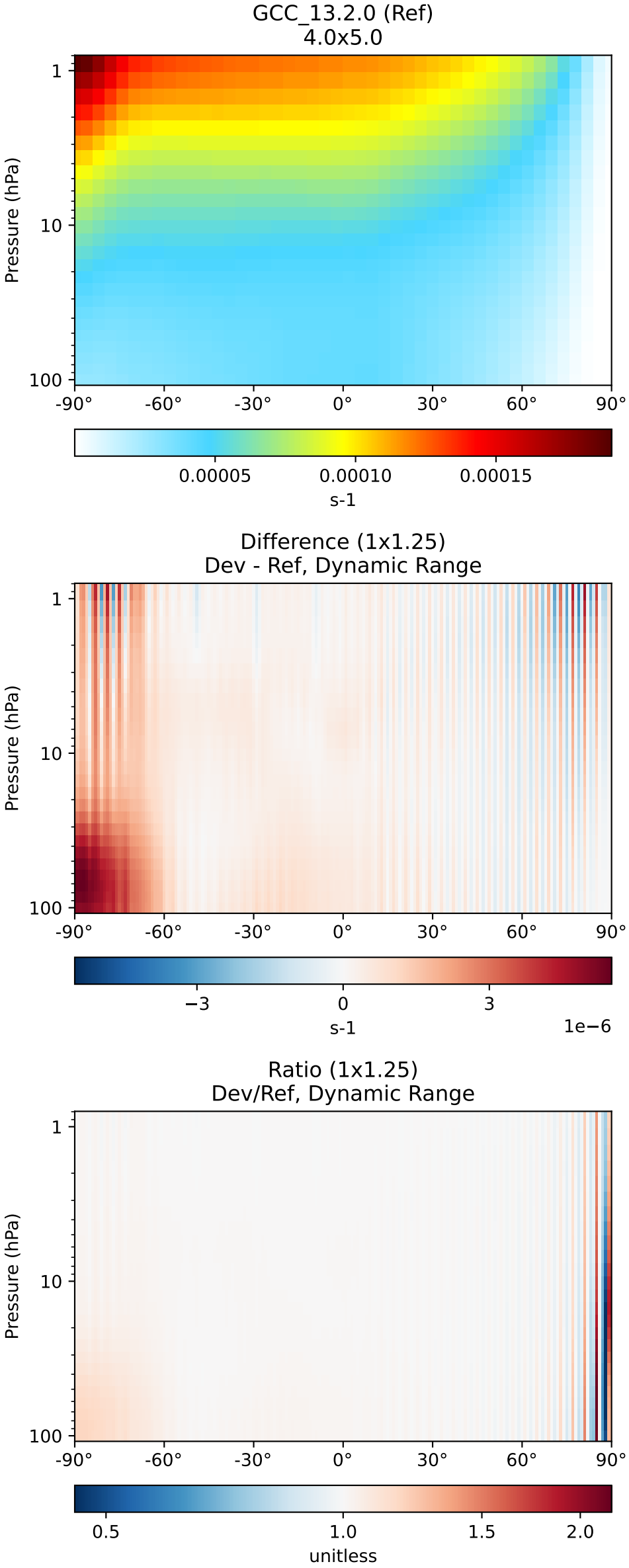


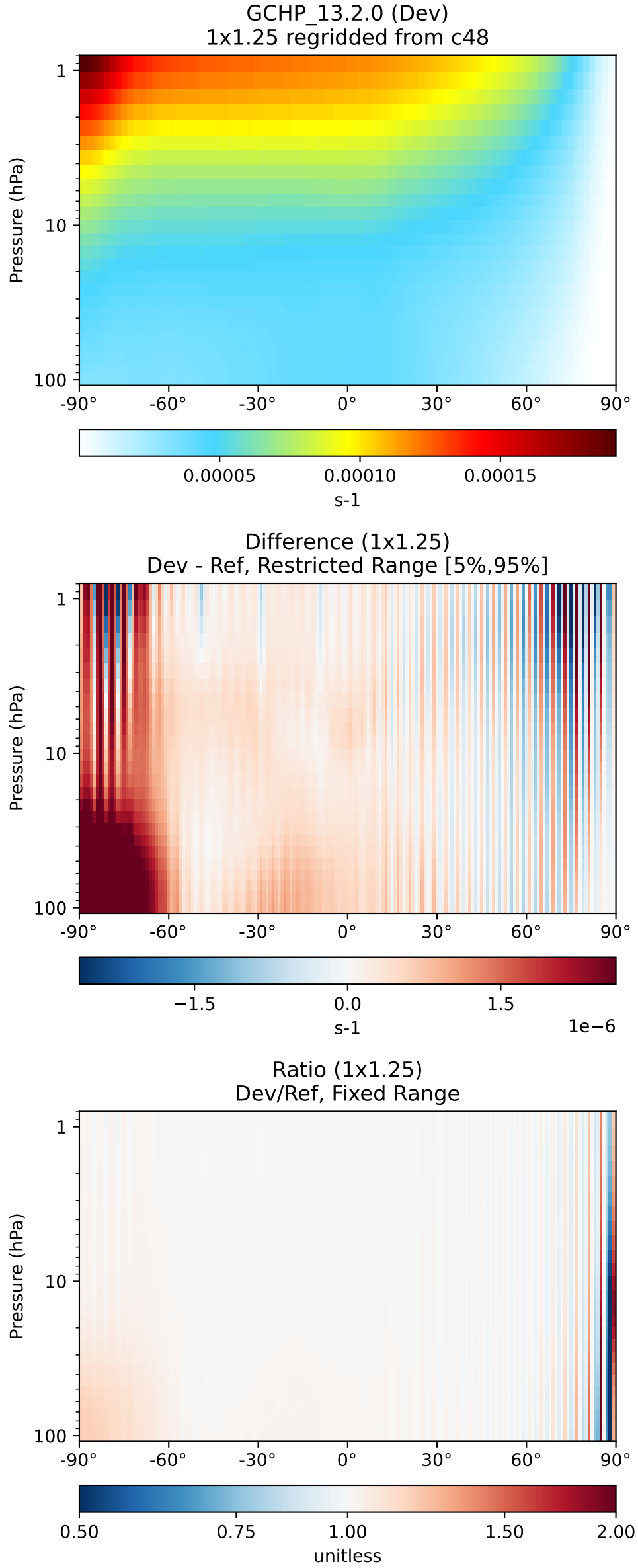




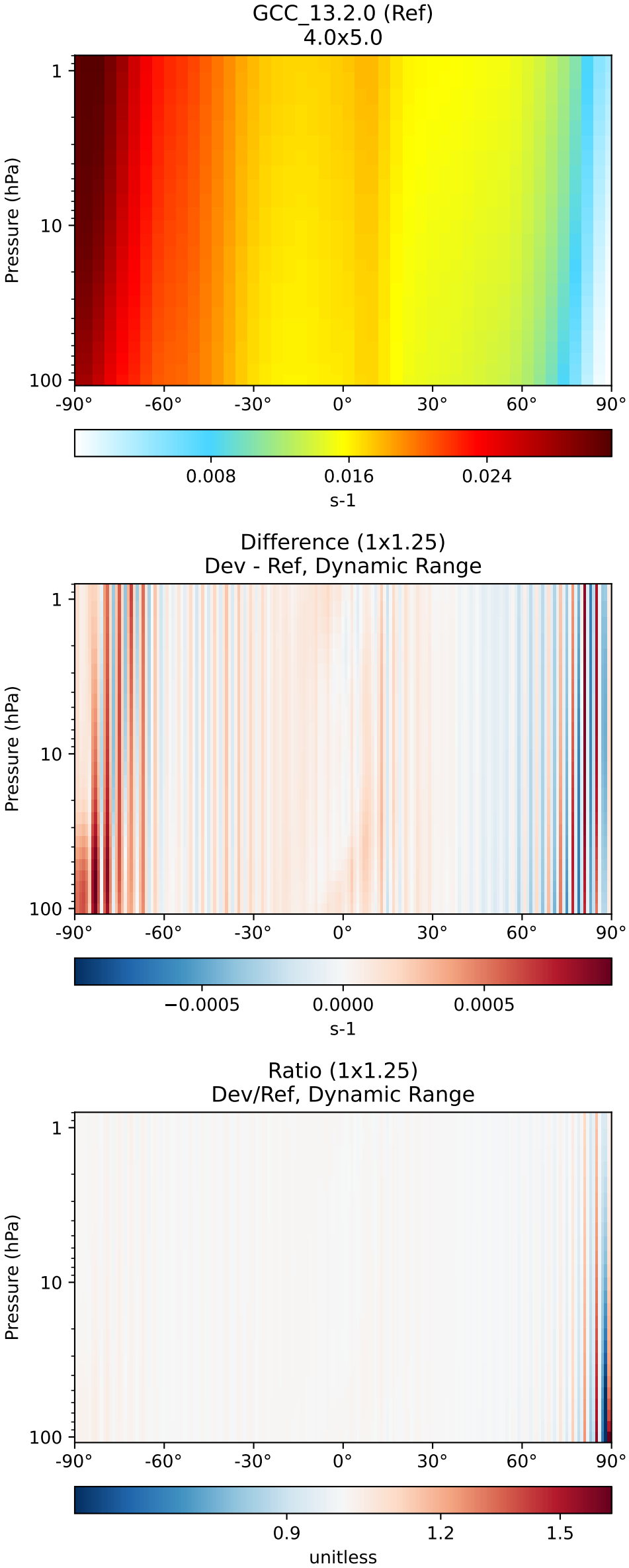


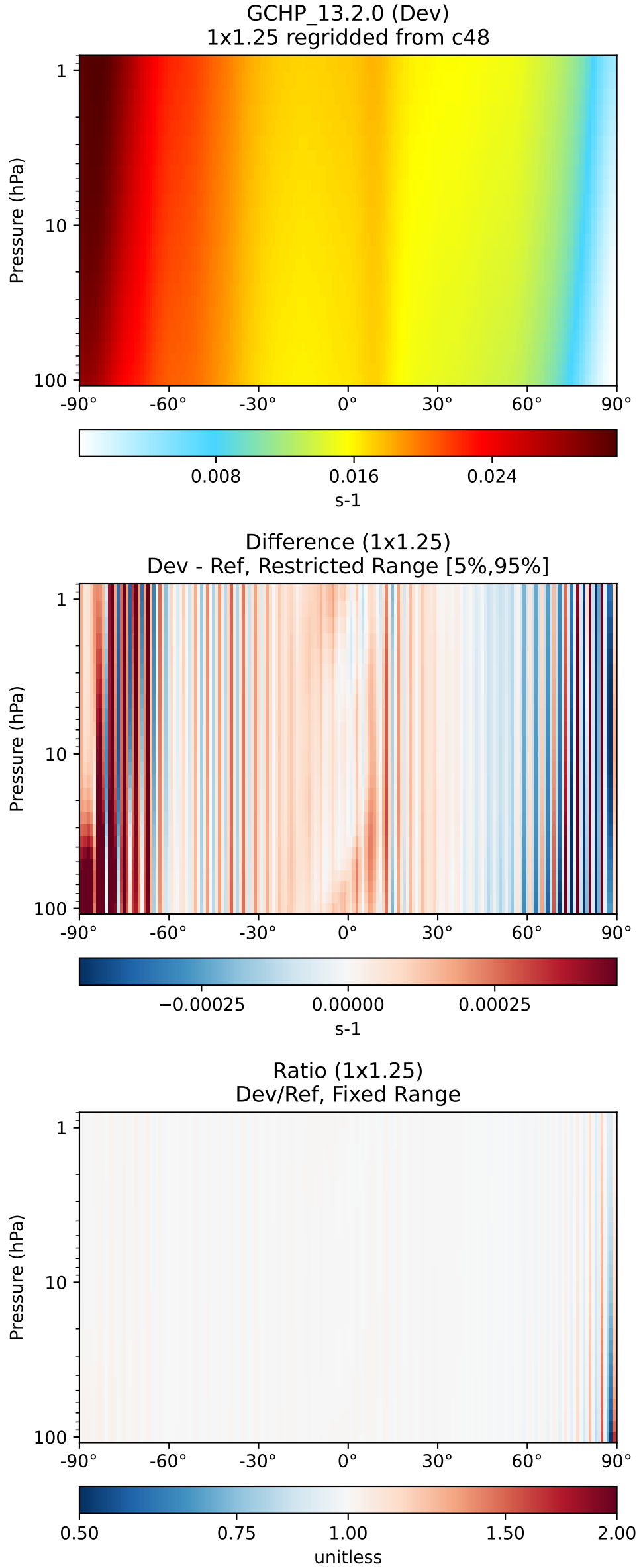
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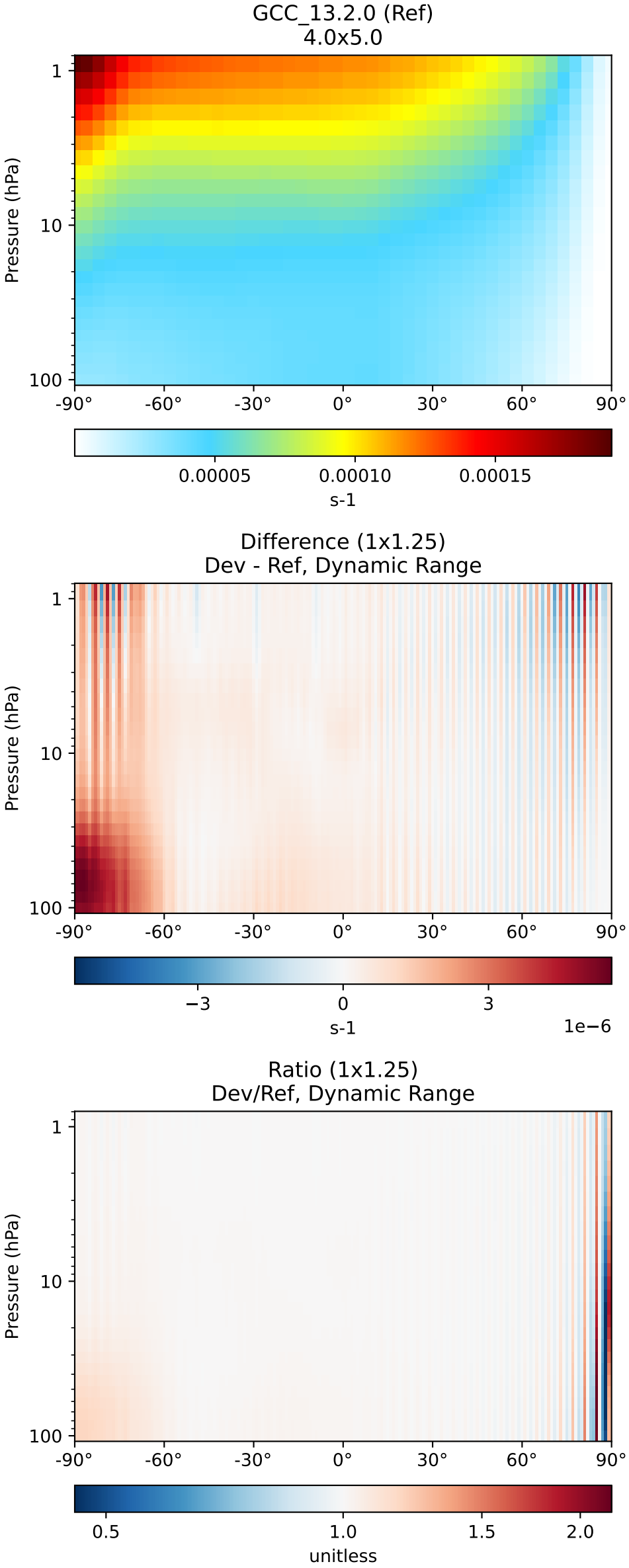


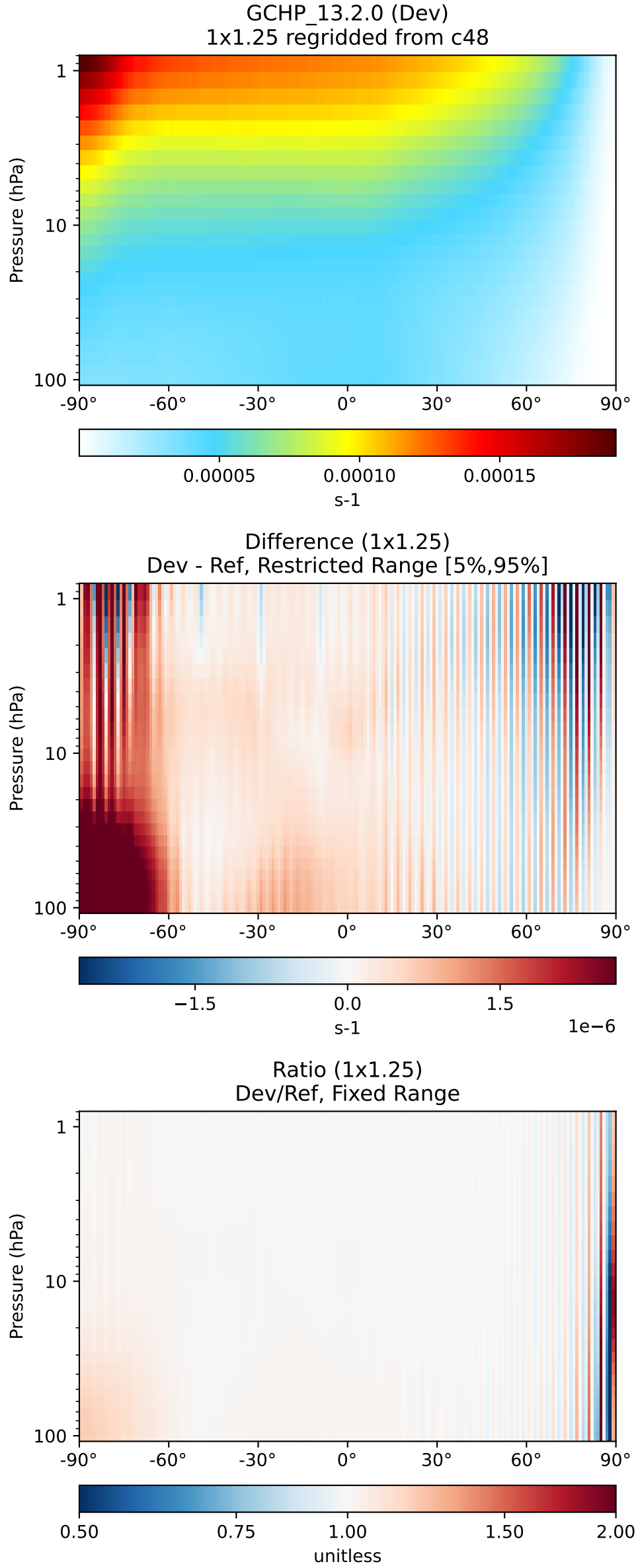
Jval_ICl, Zonal Mean (Oct2019)



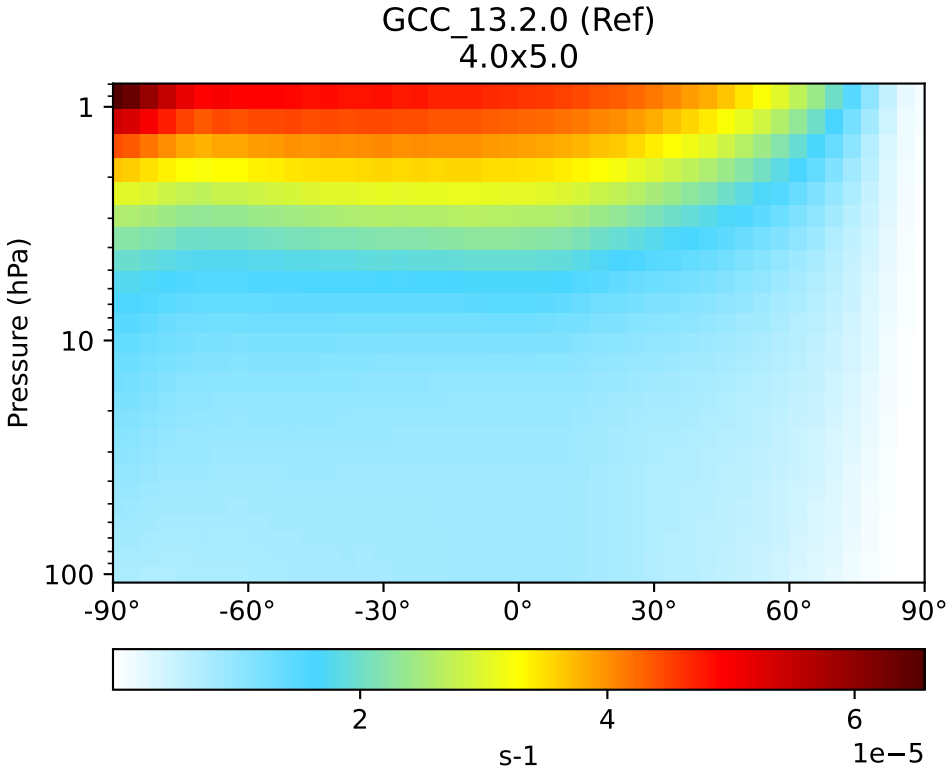


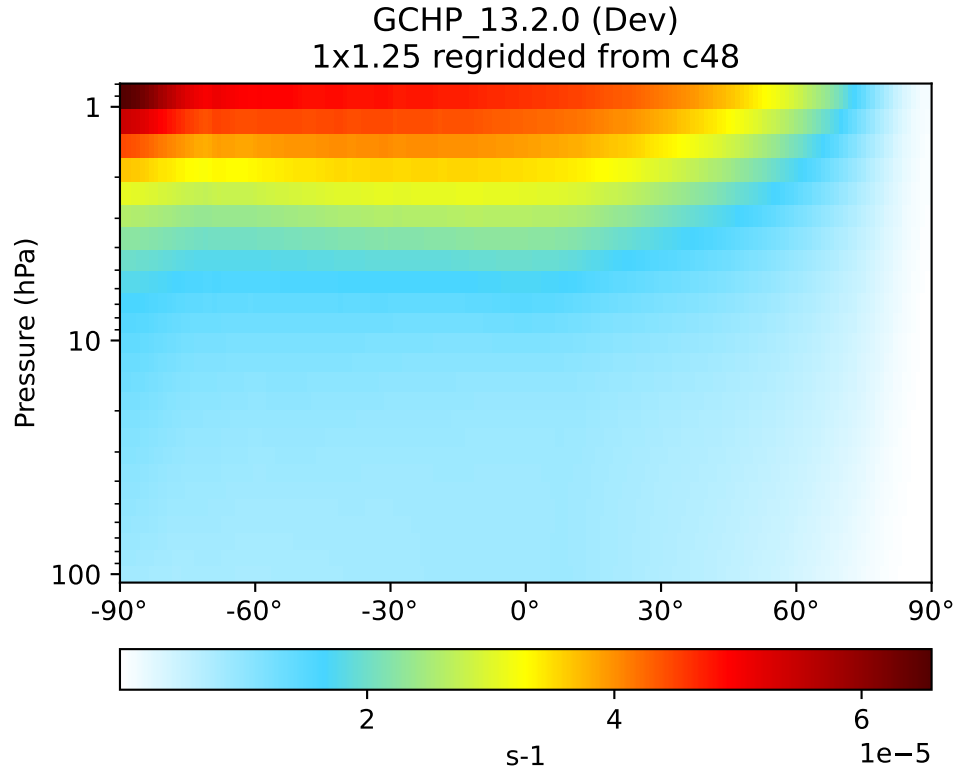
Jval_IDCHP, Zonal Mean (Oct2019)

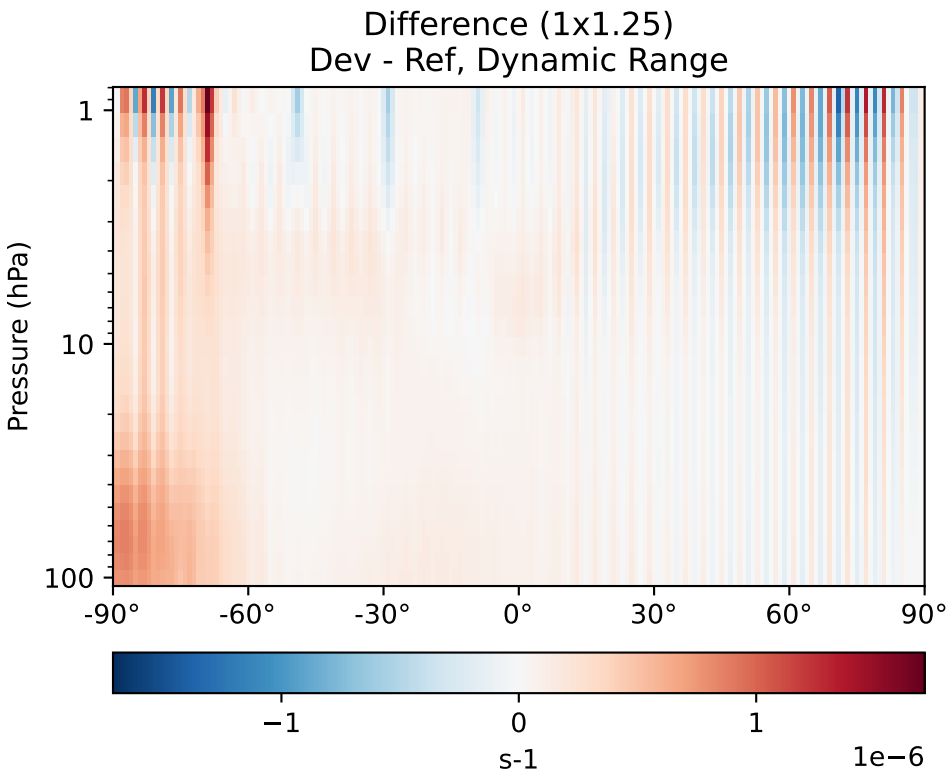


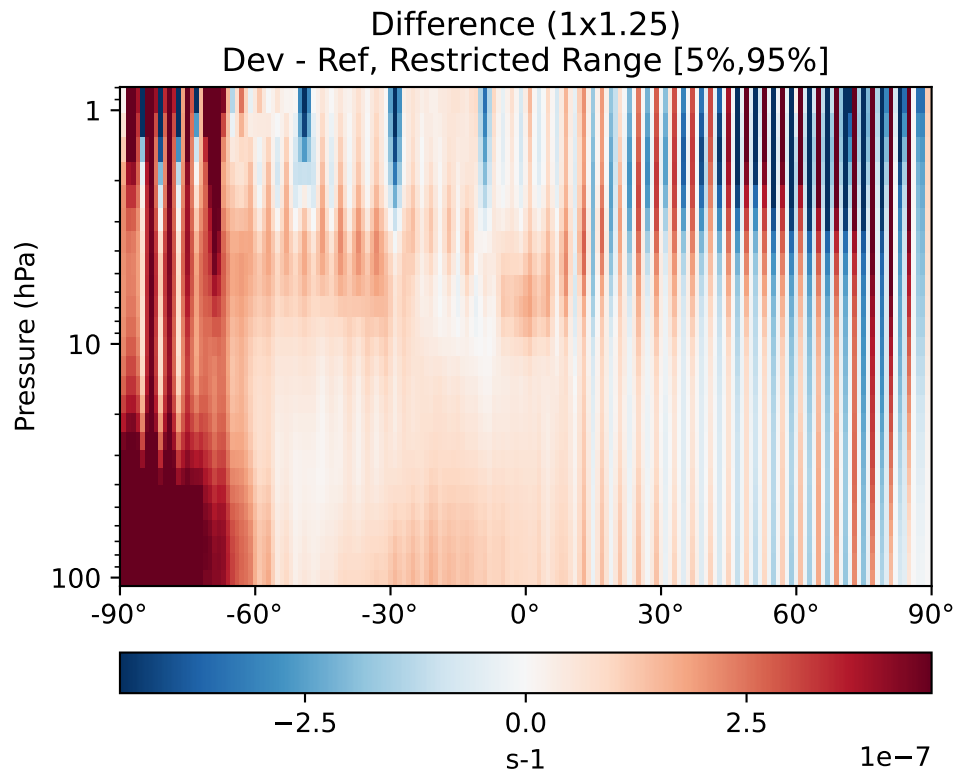


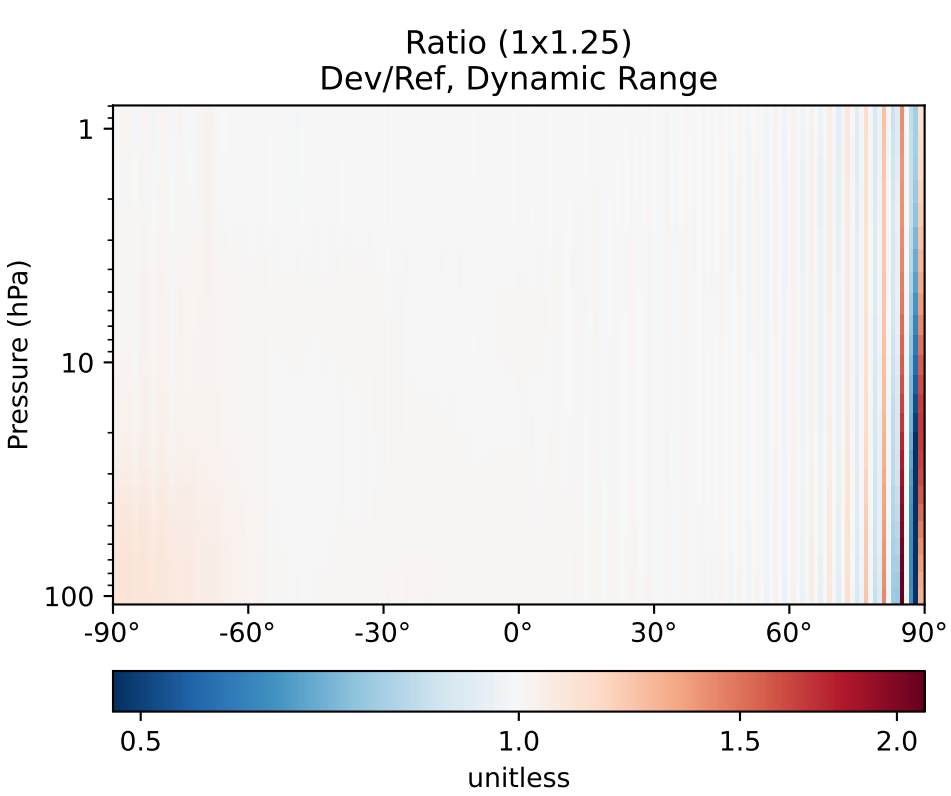
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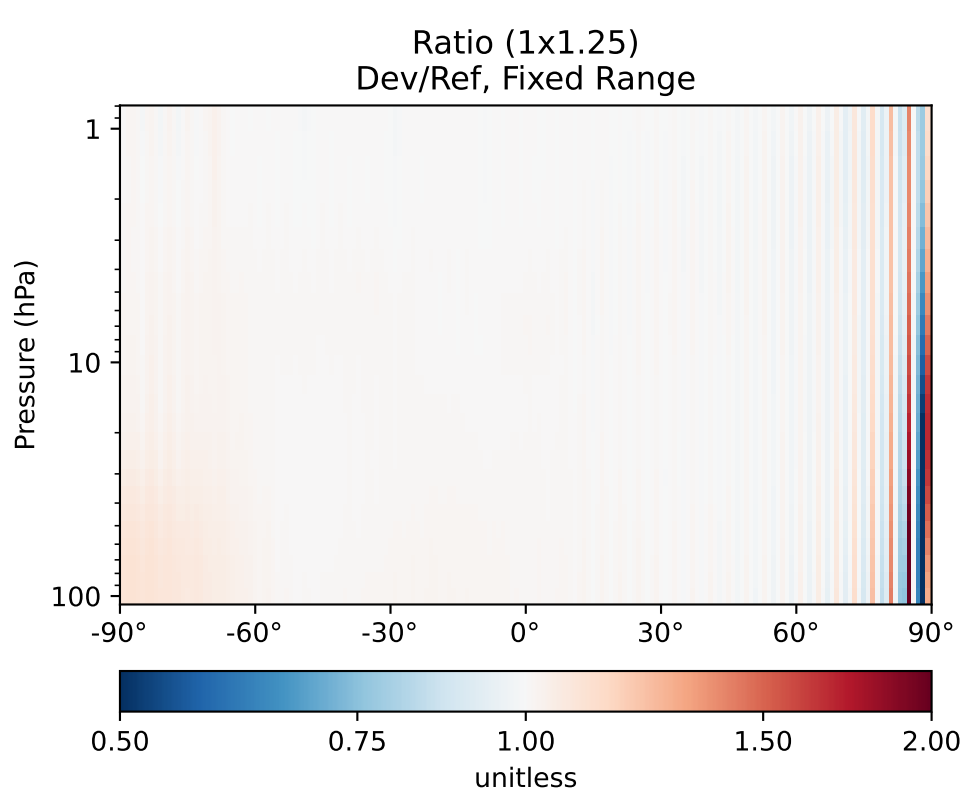




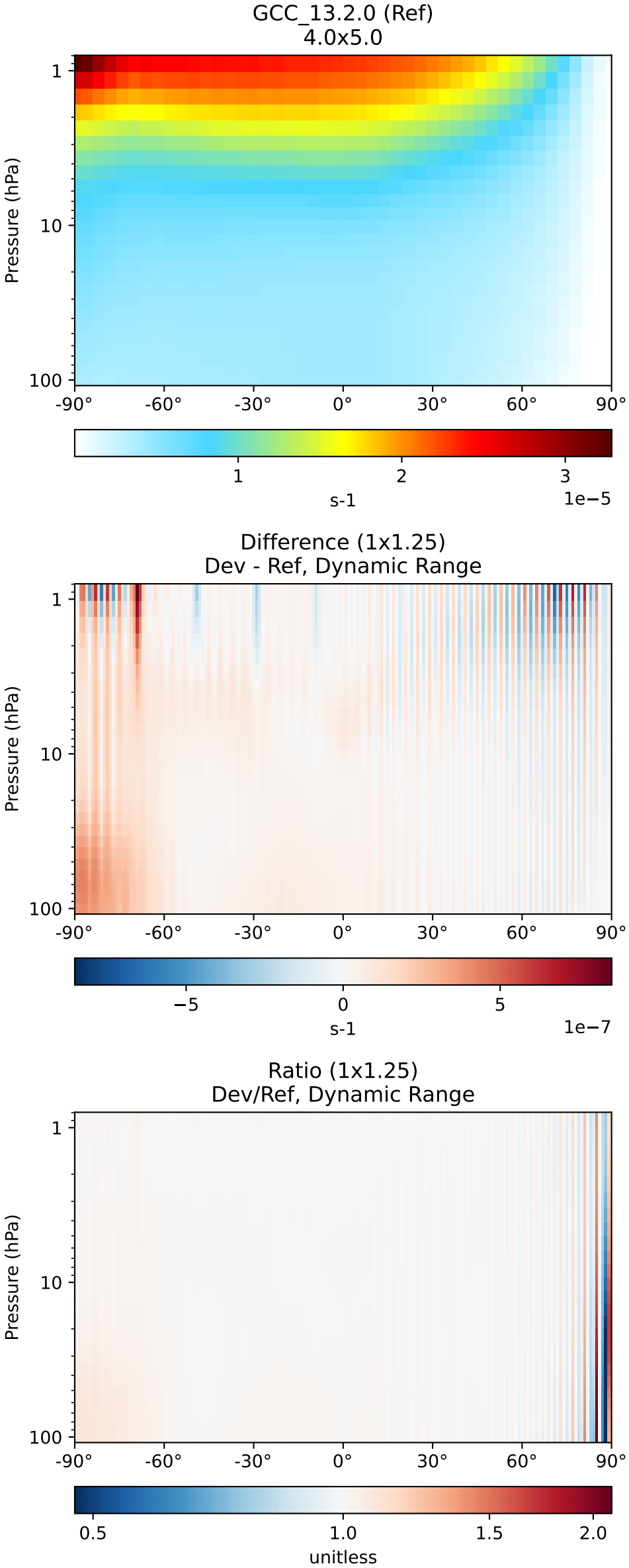


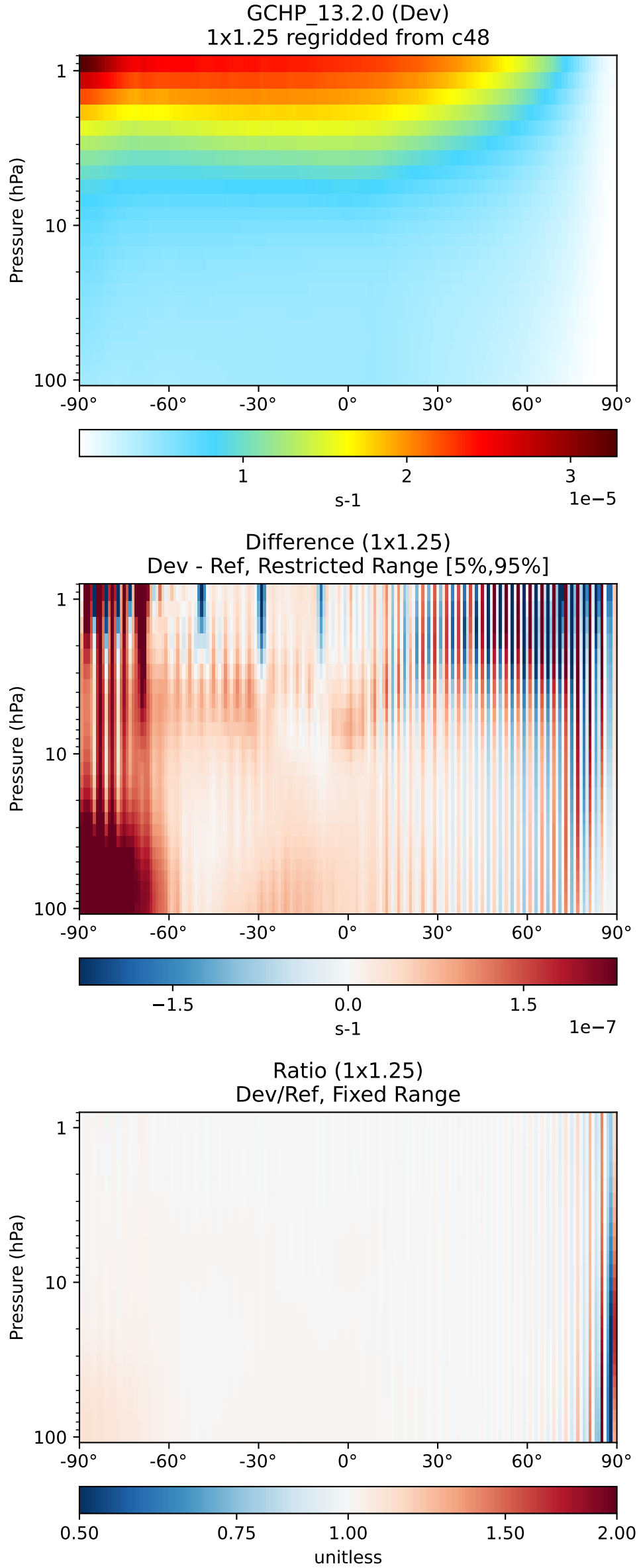




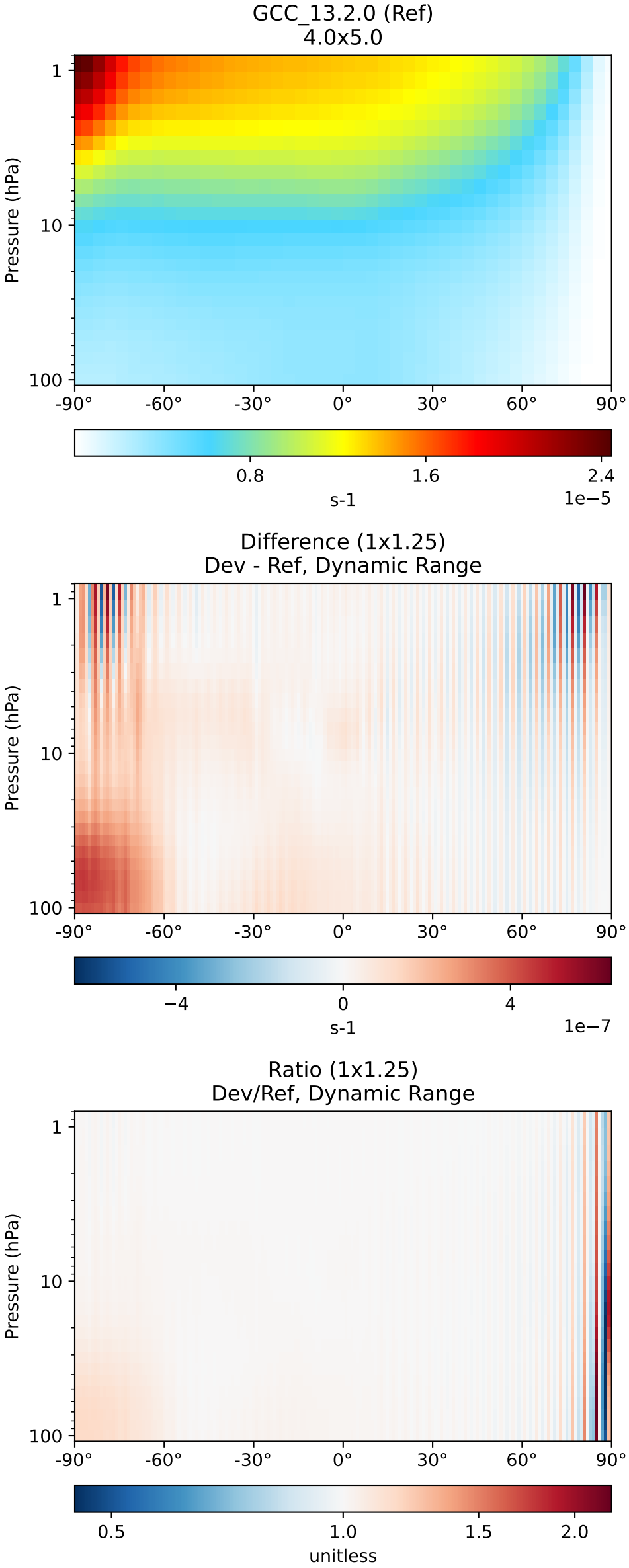


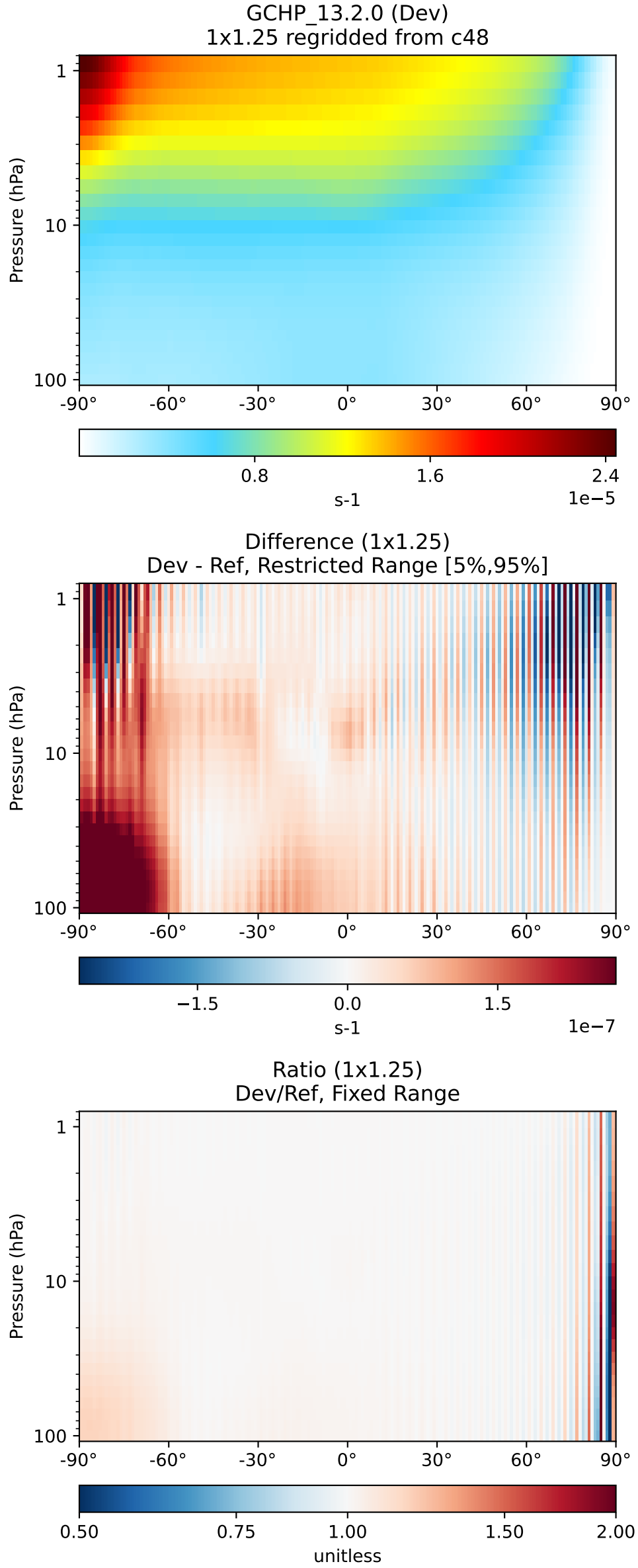
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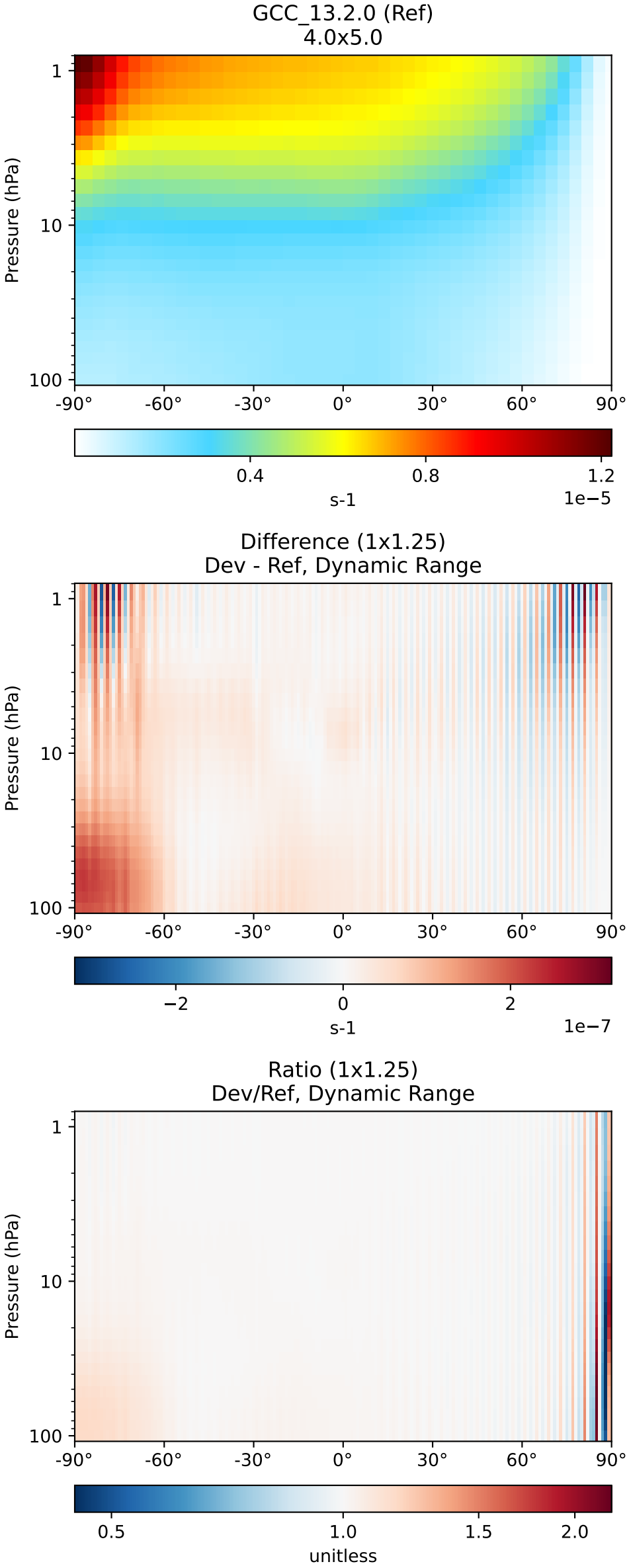


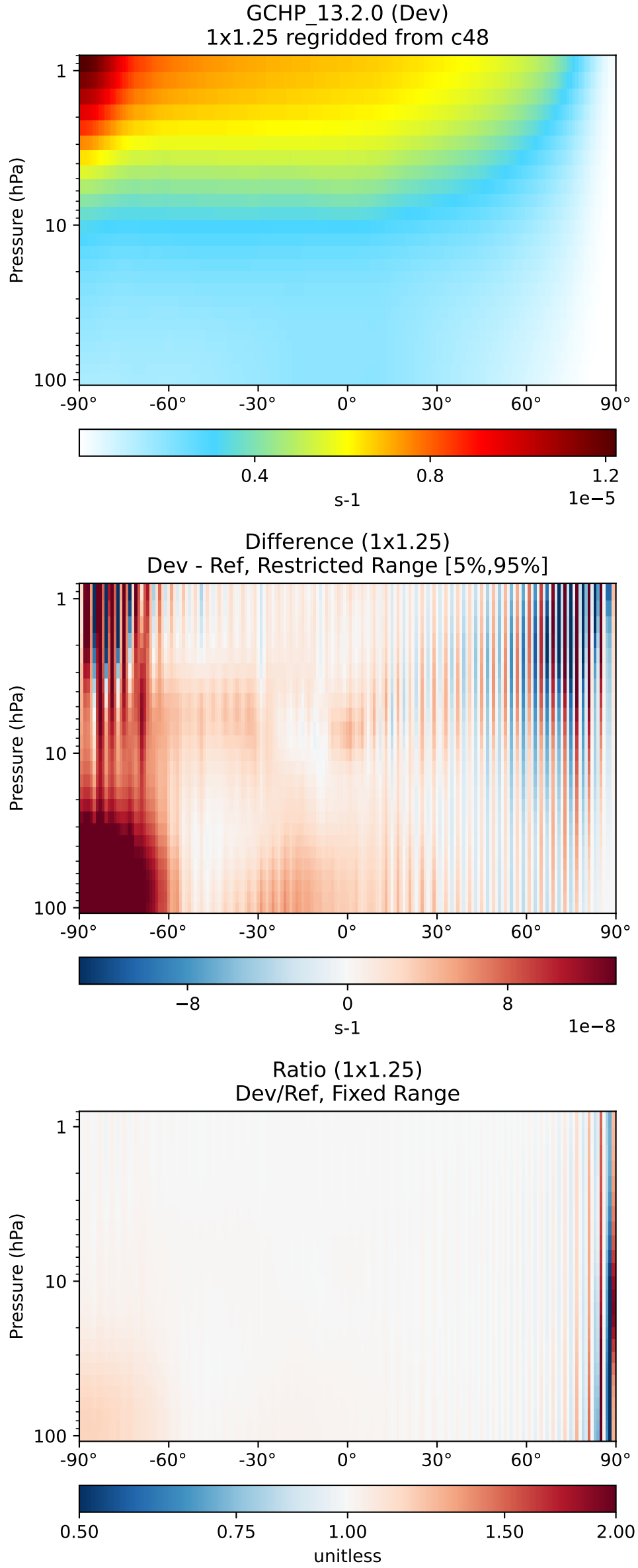
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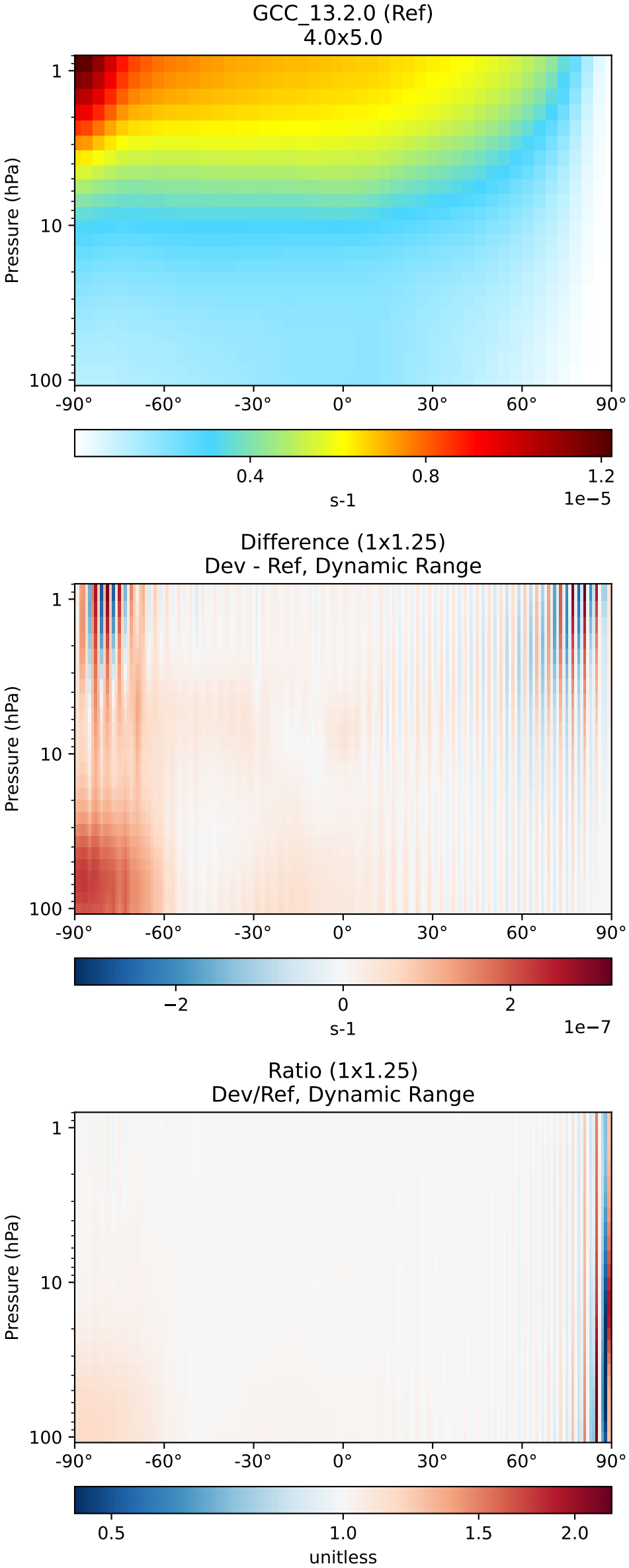


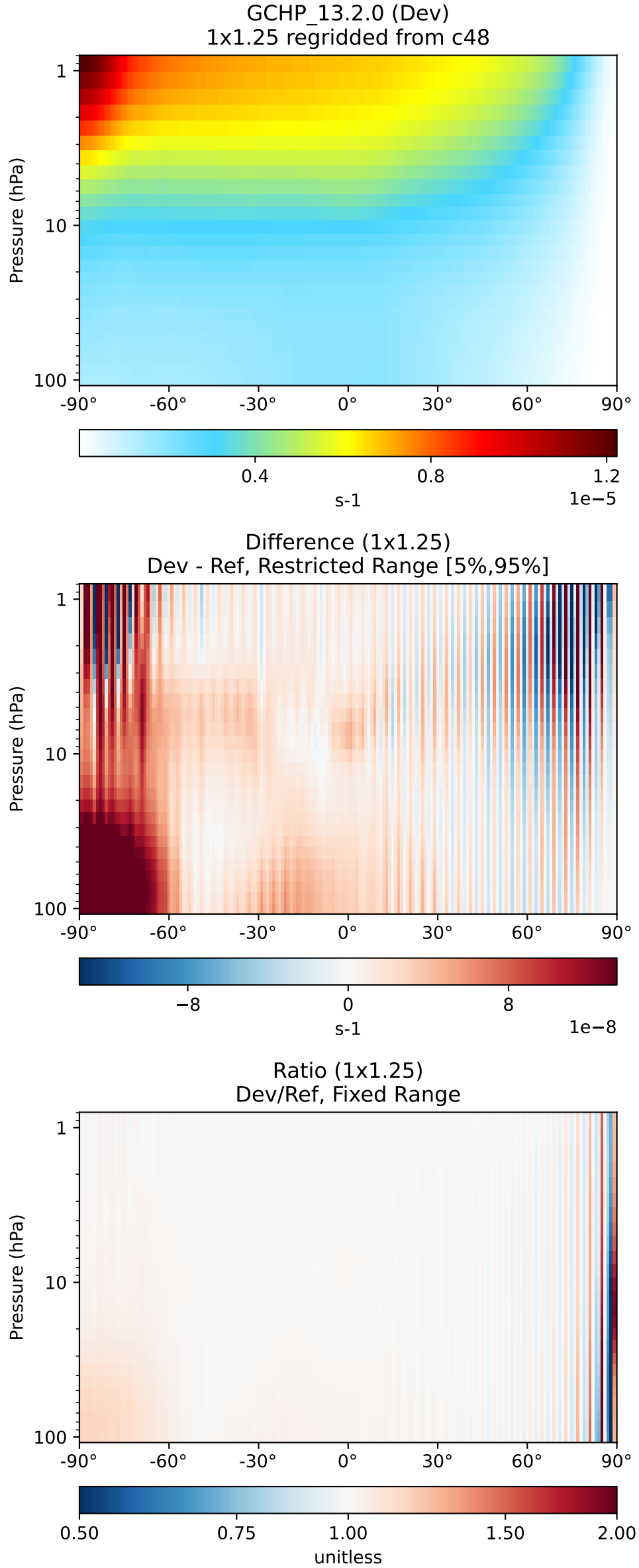
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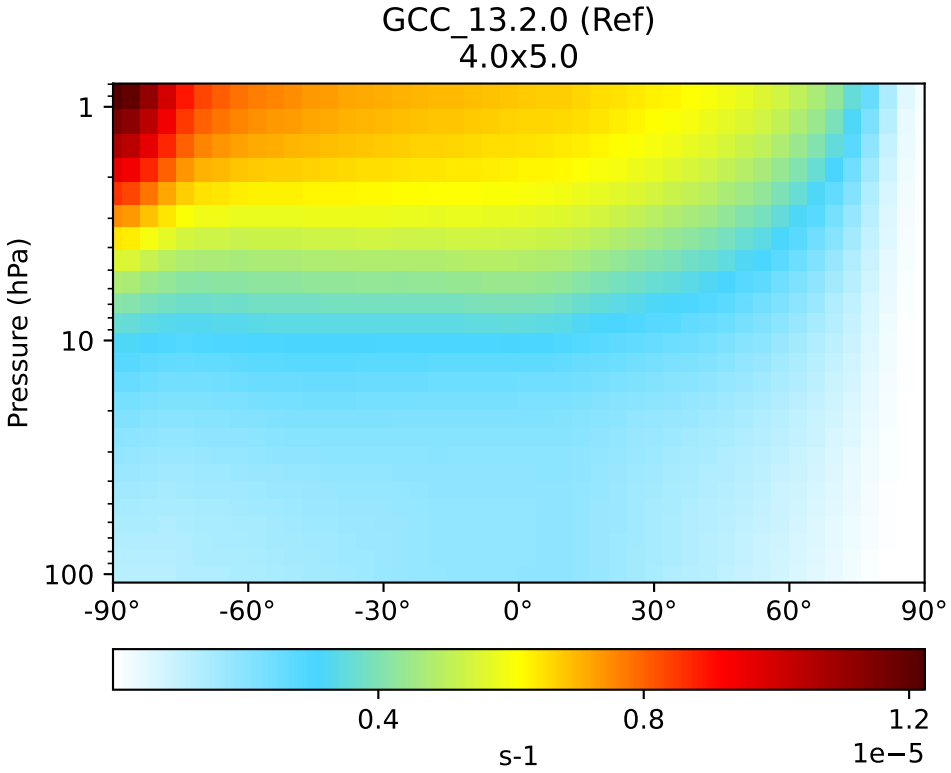


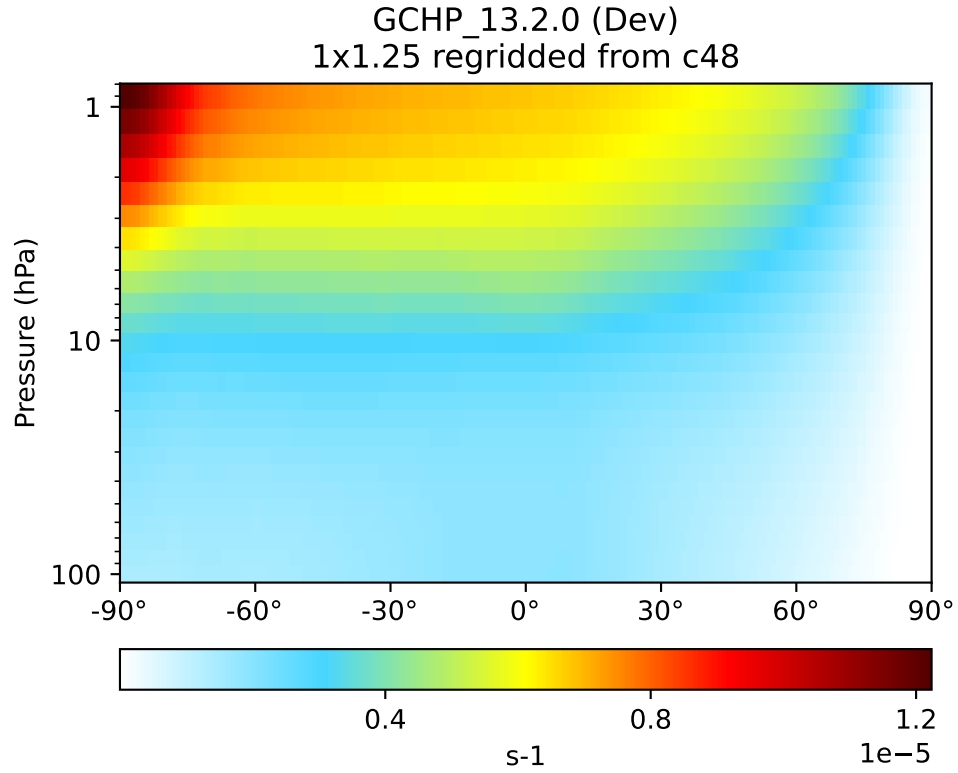
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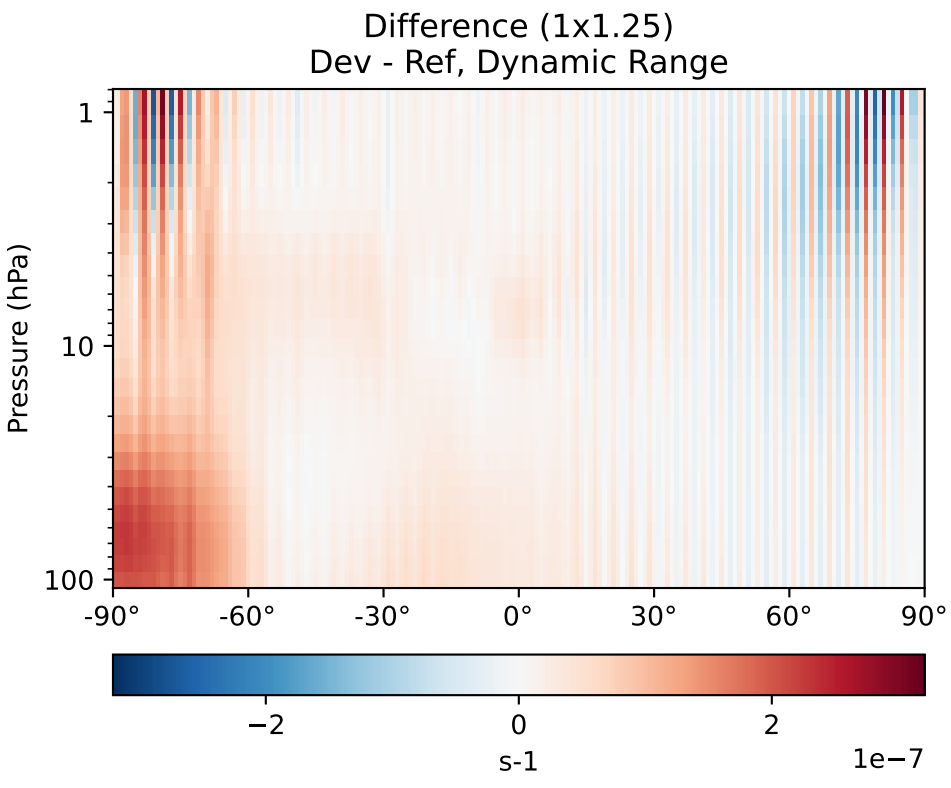


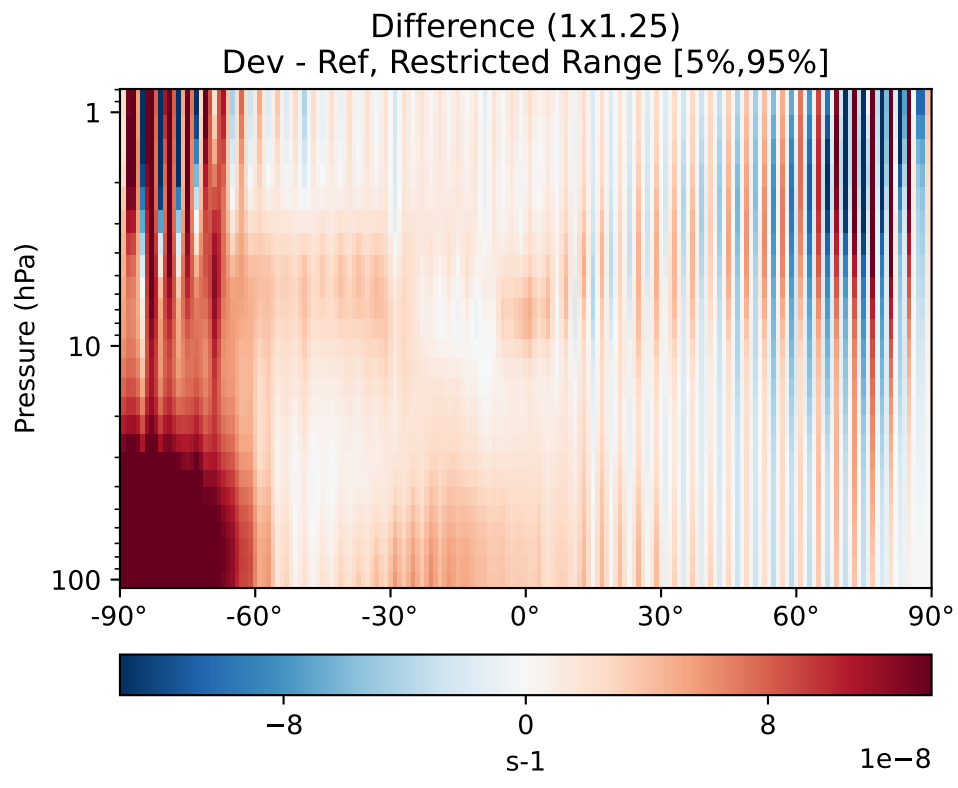


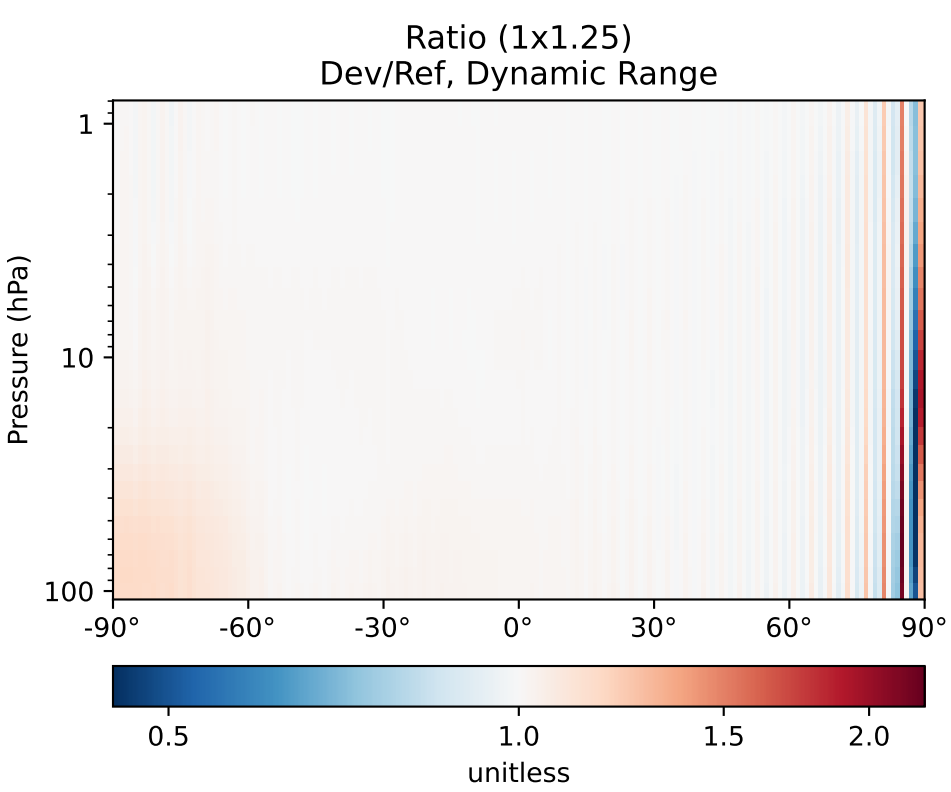
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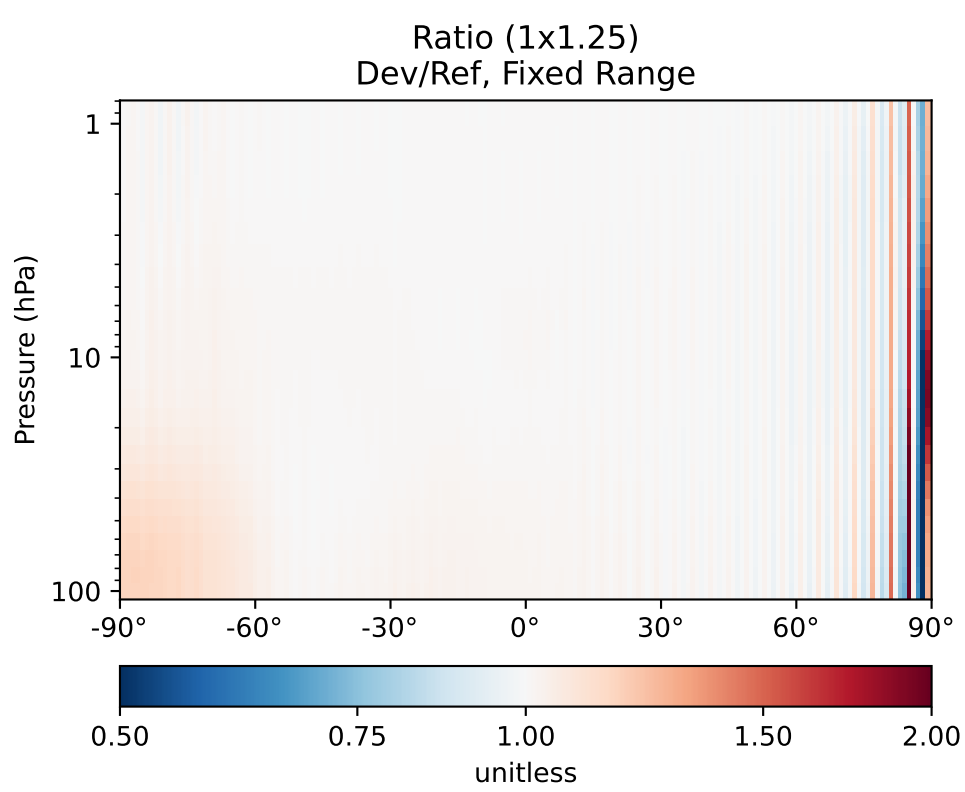




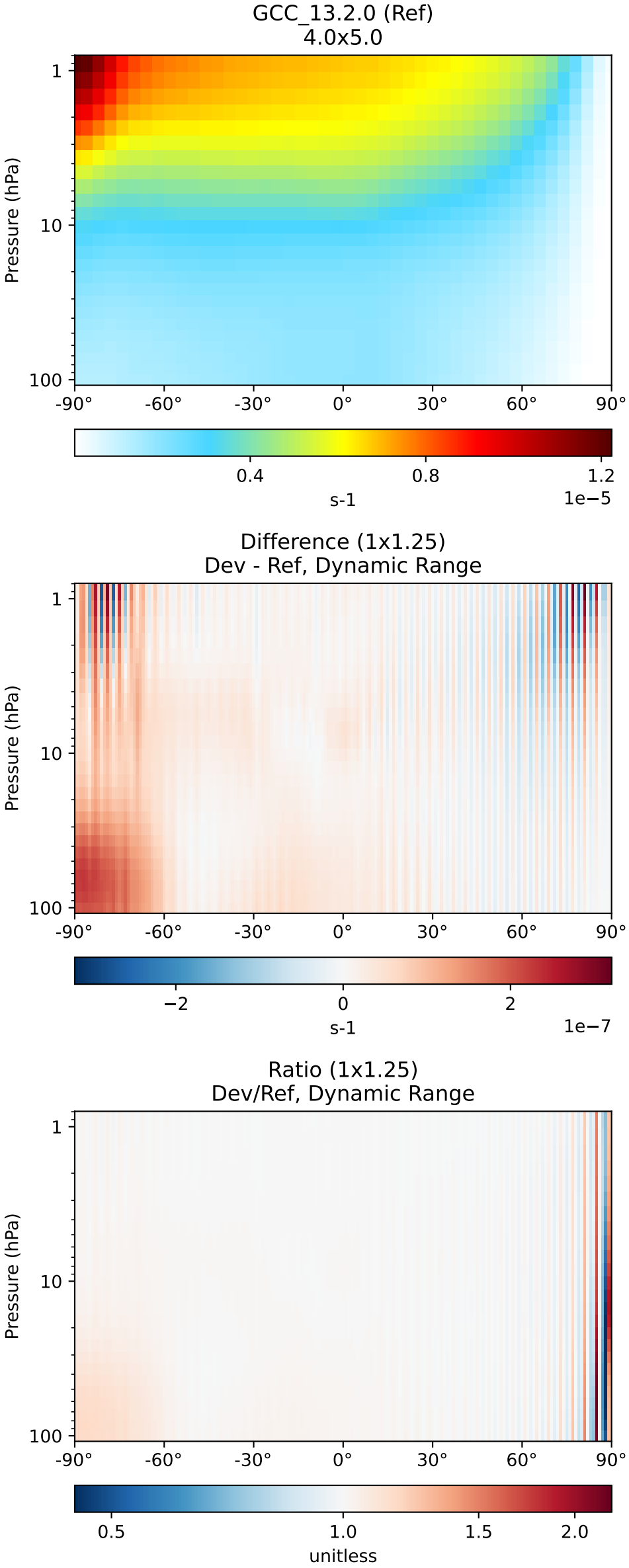


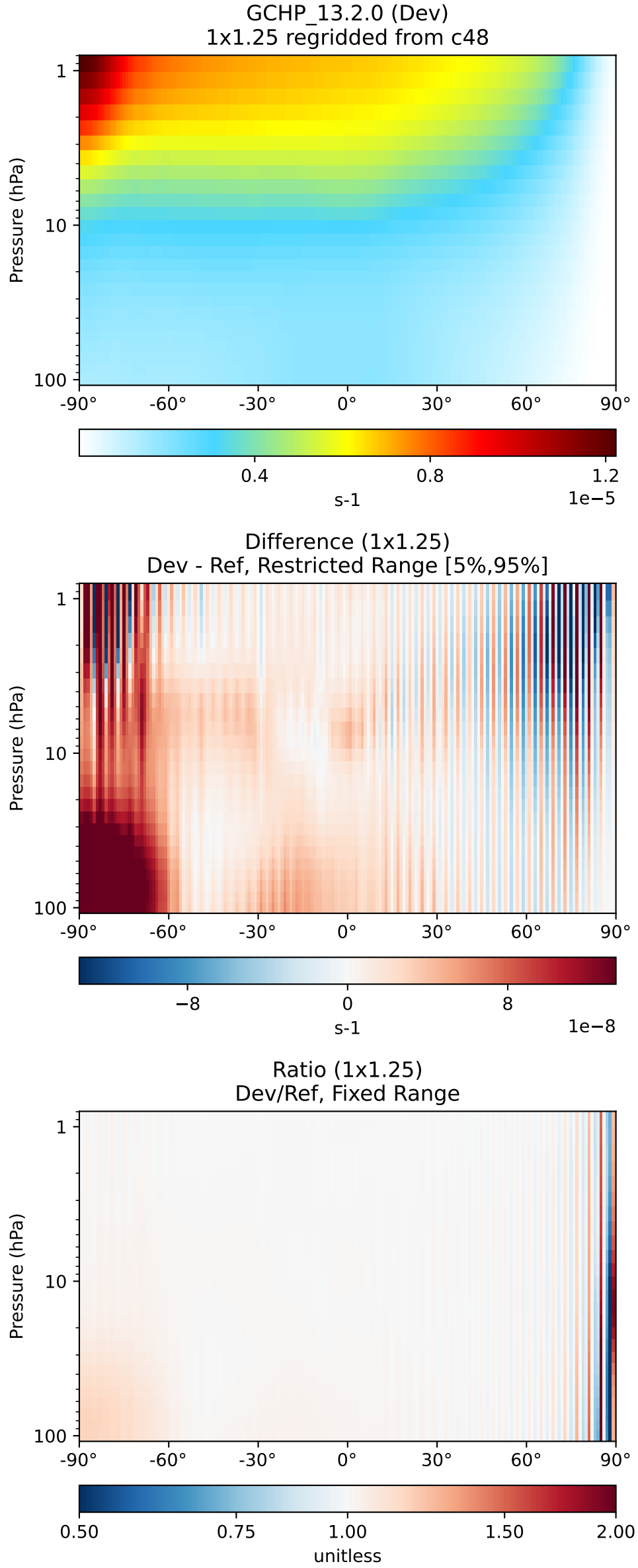




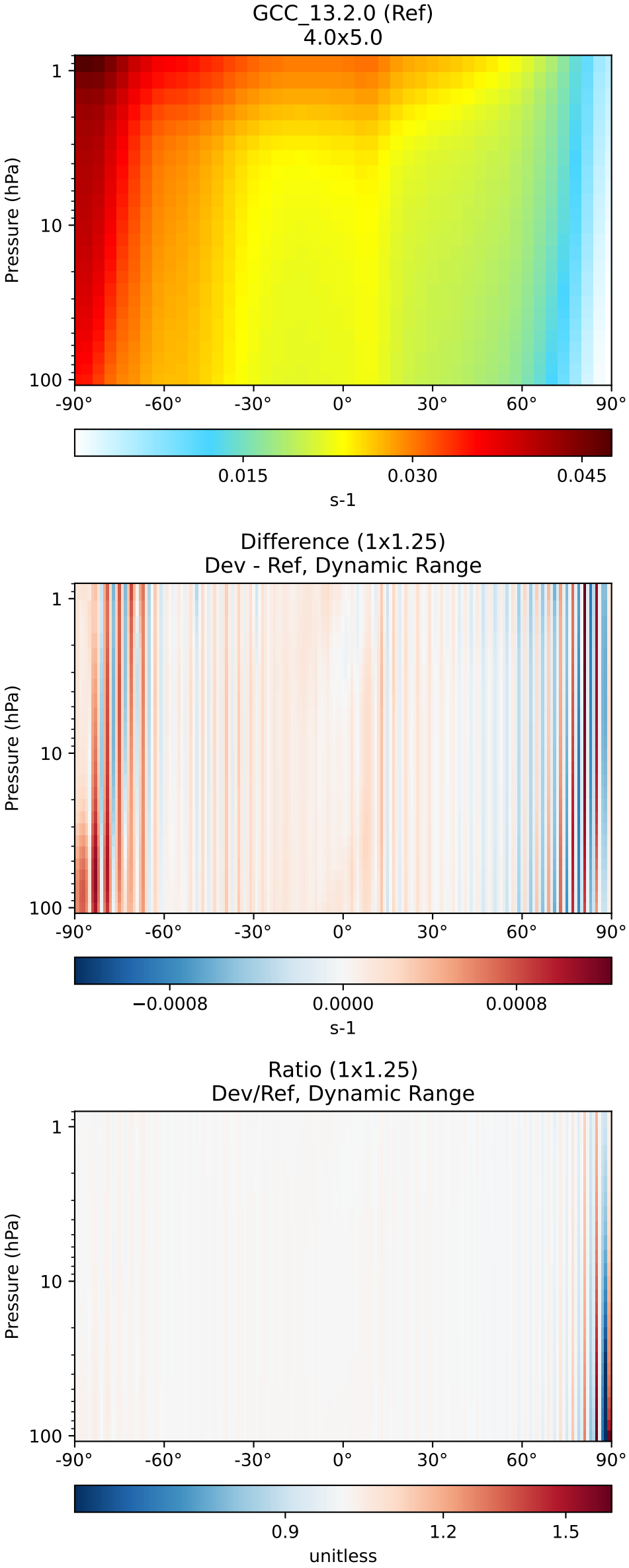


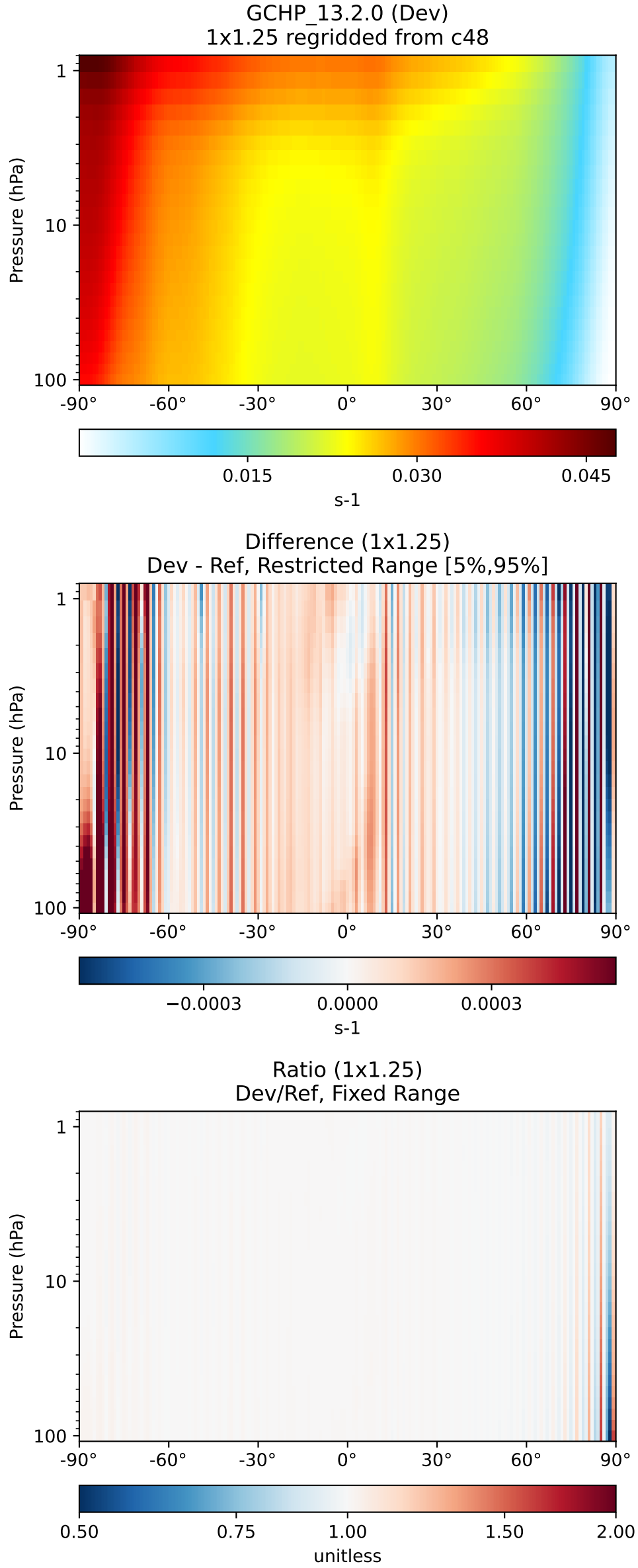
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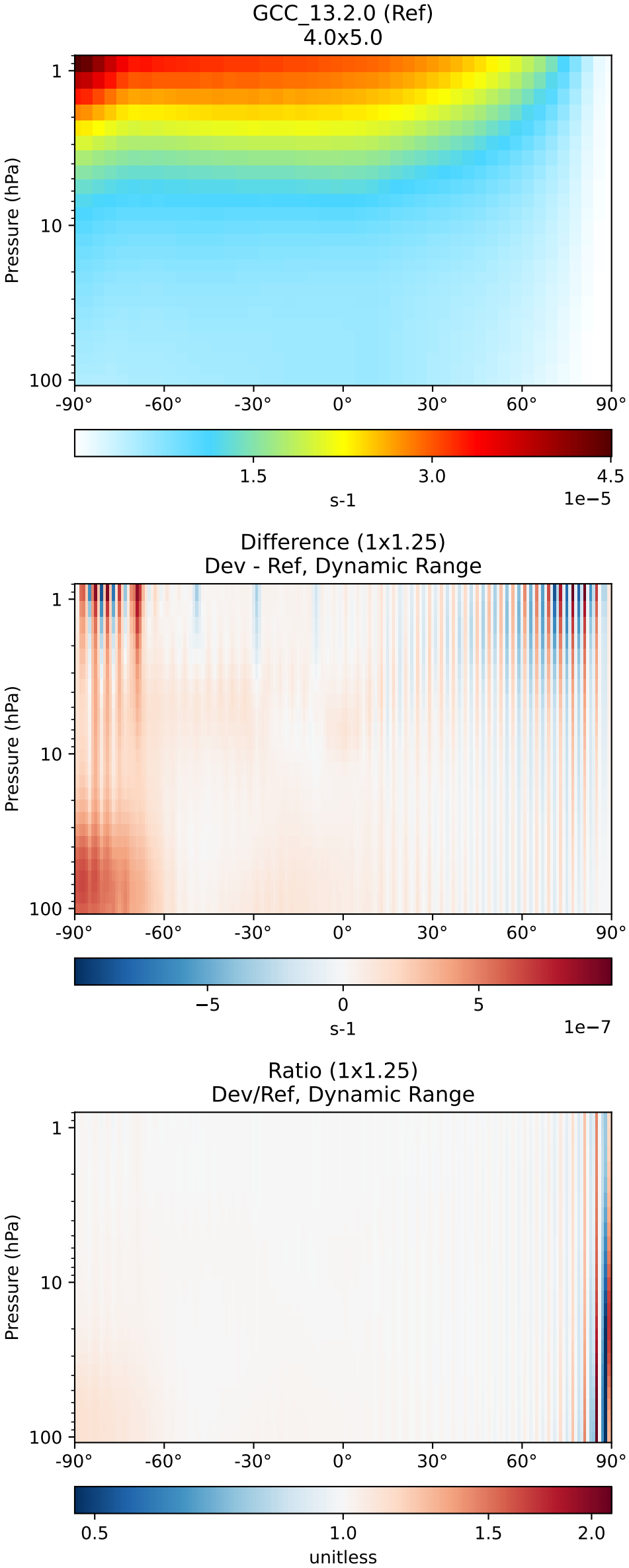


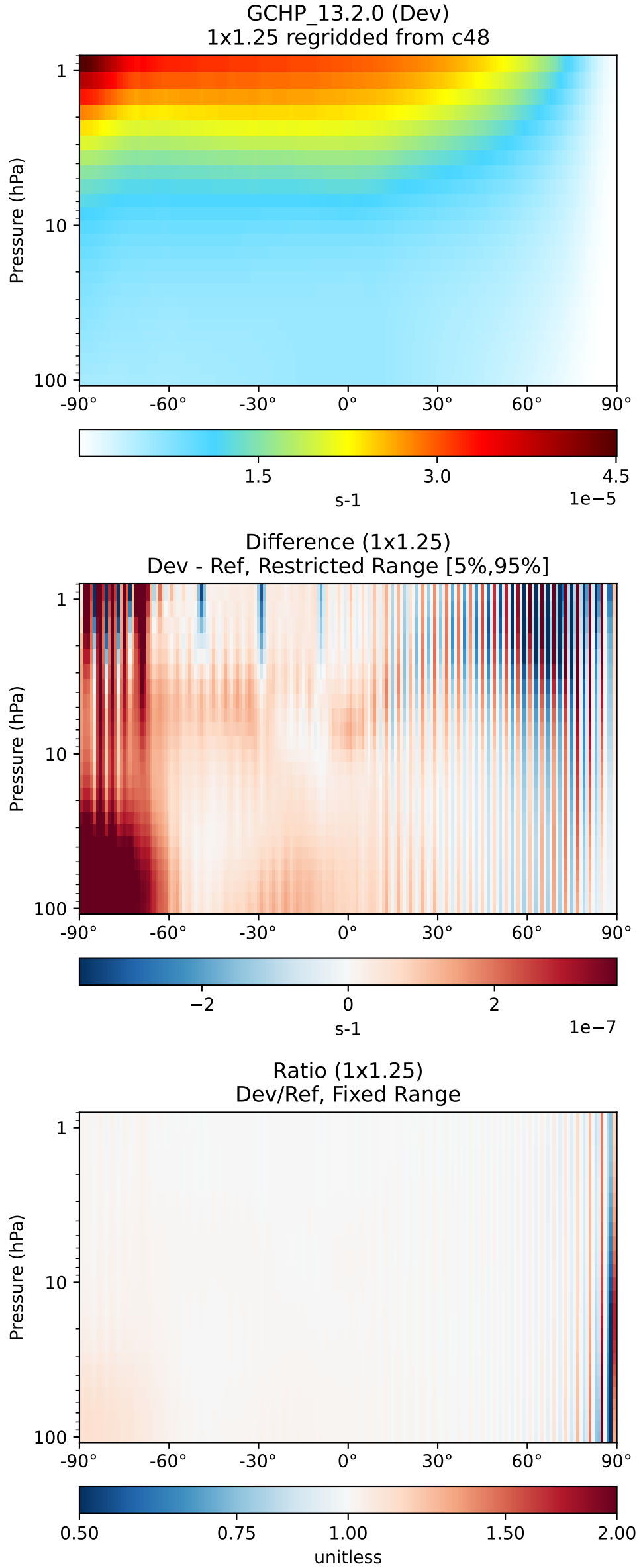
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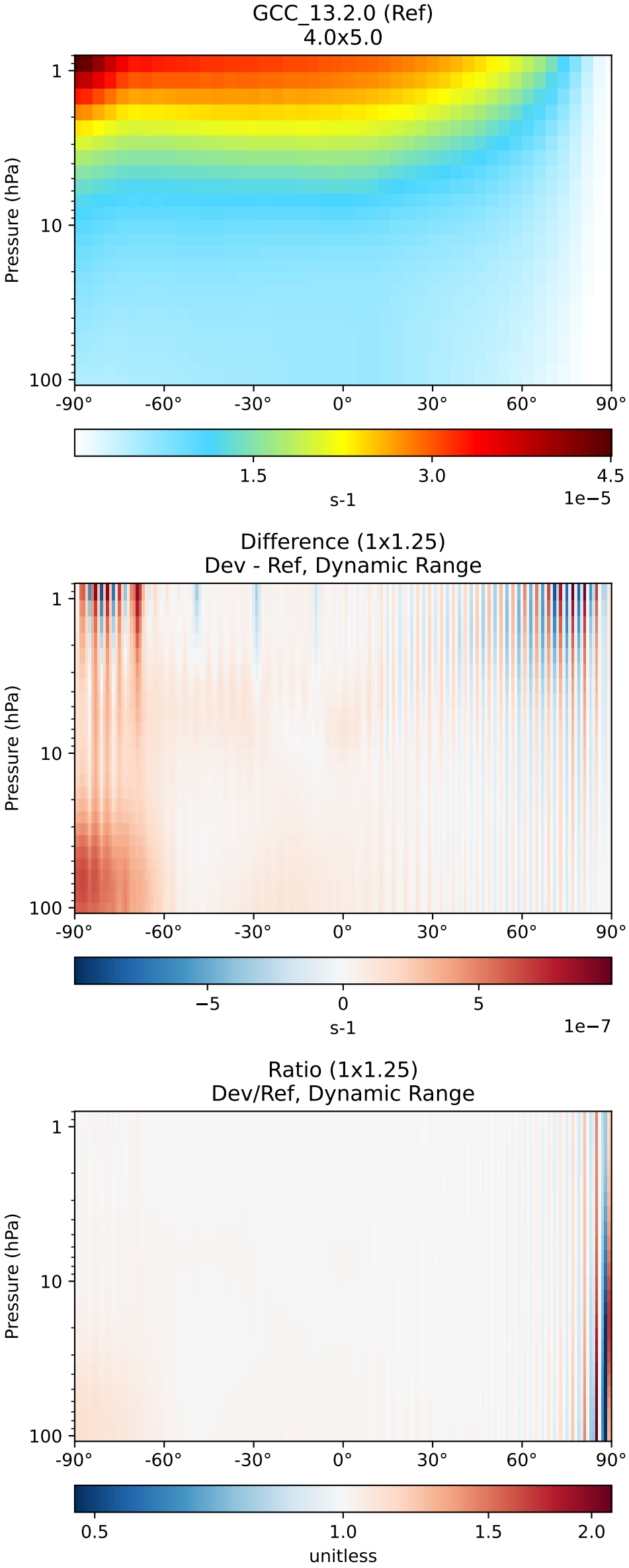


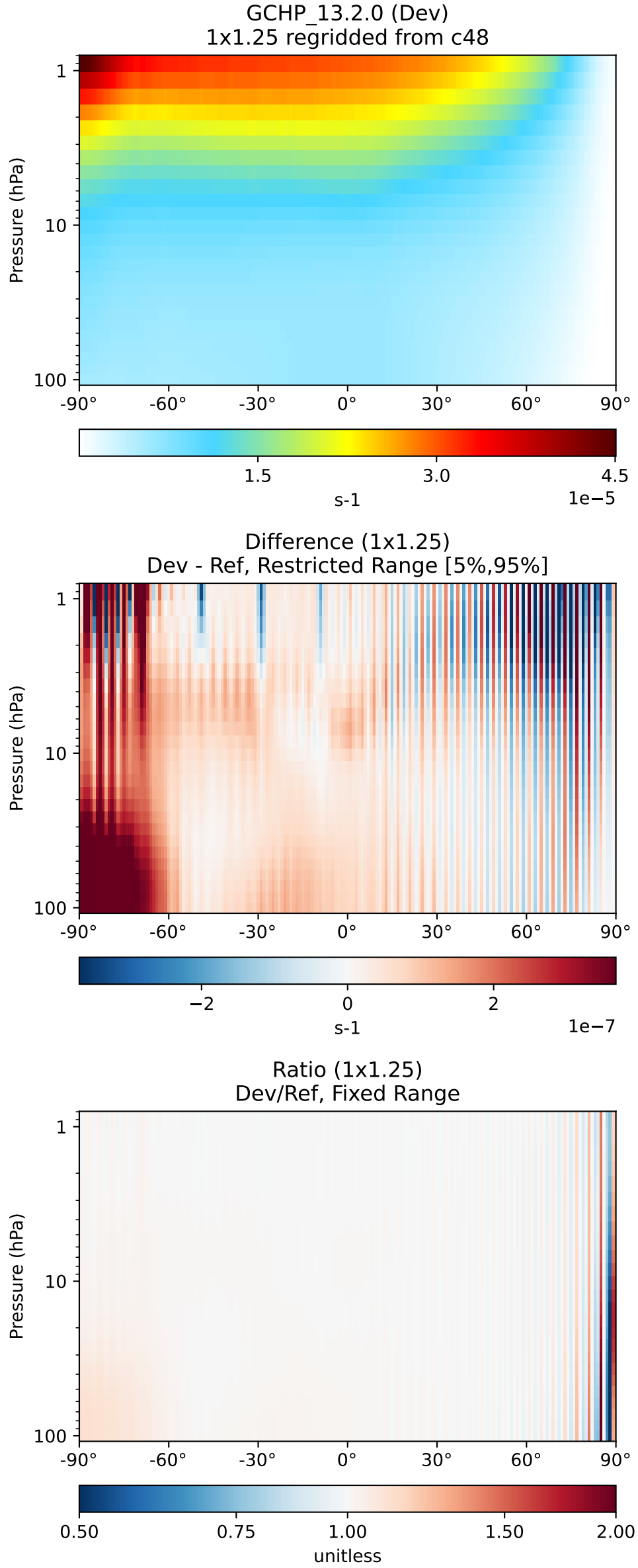
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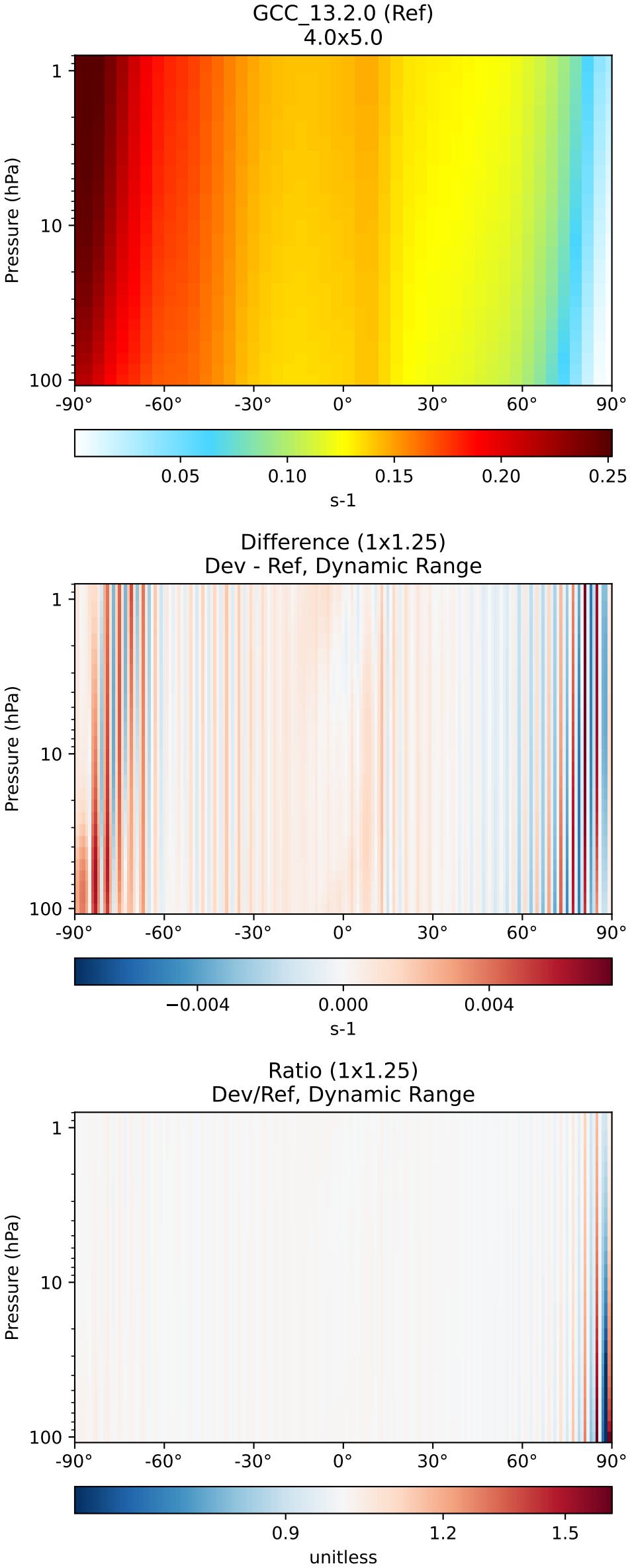


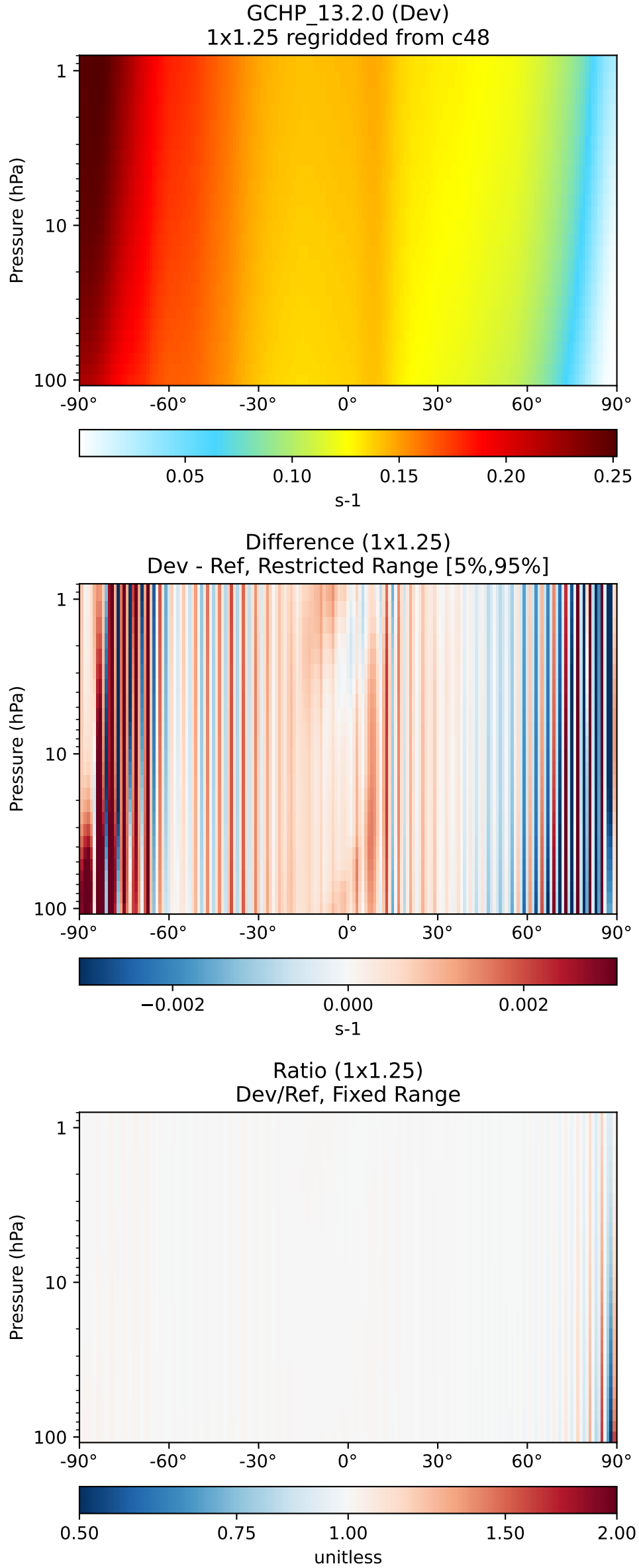
Jval_INPD, Zonal Mean (Oct2019)



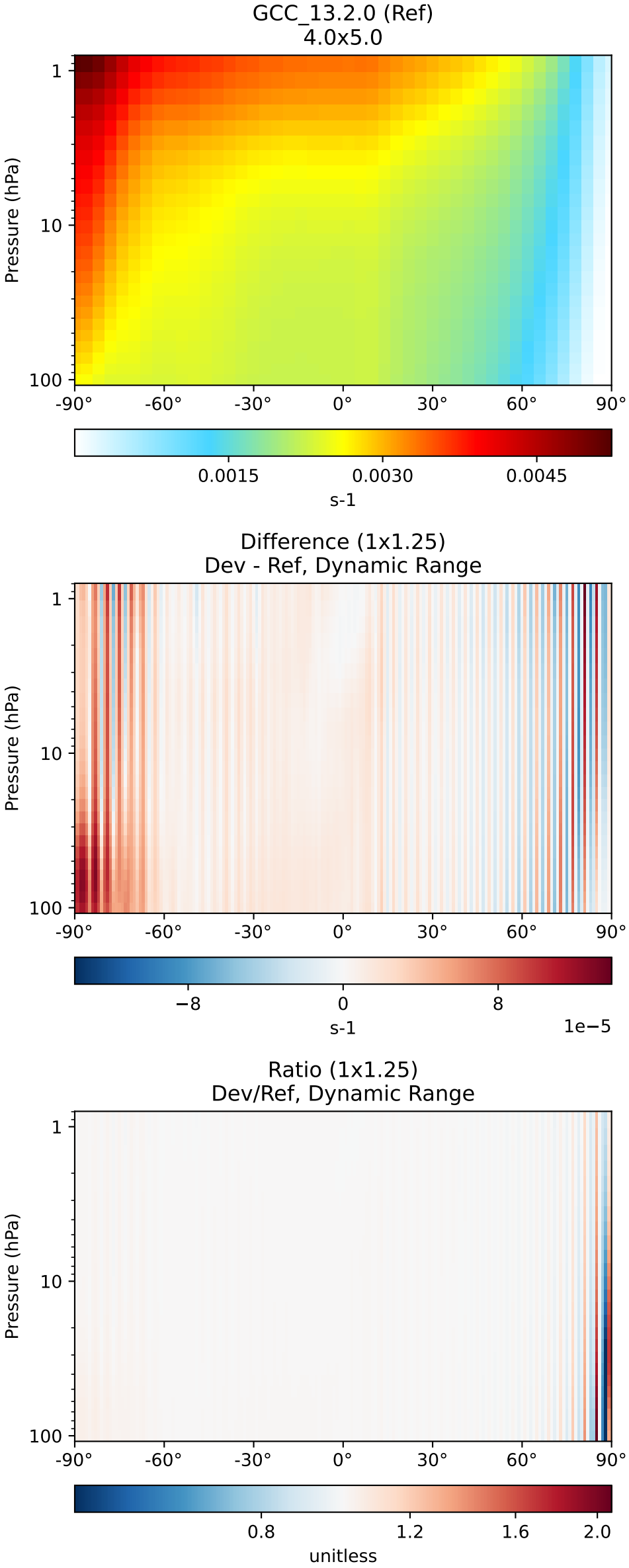


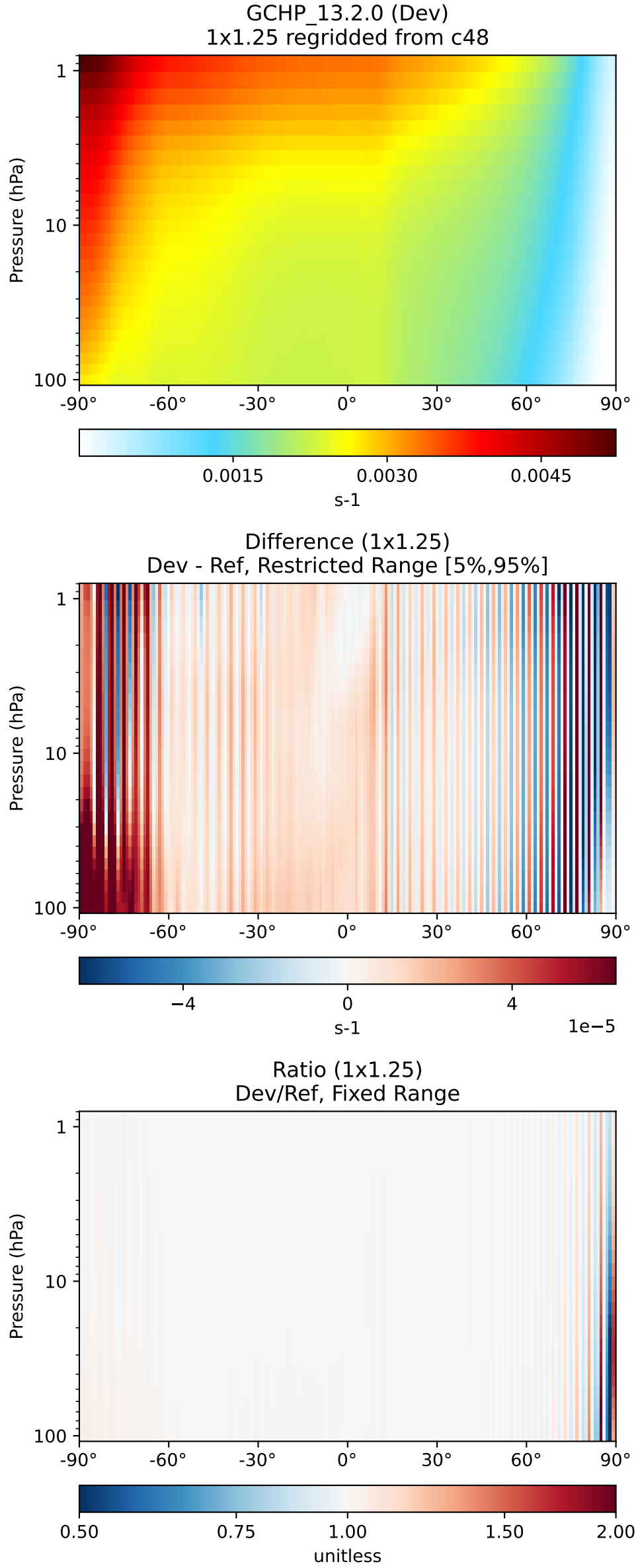
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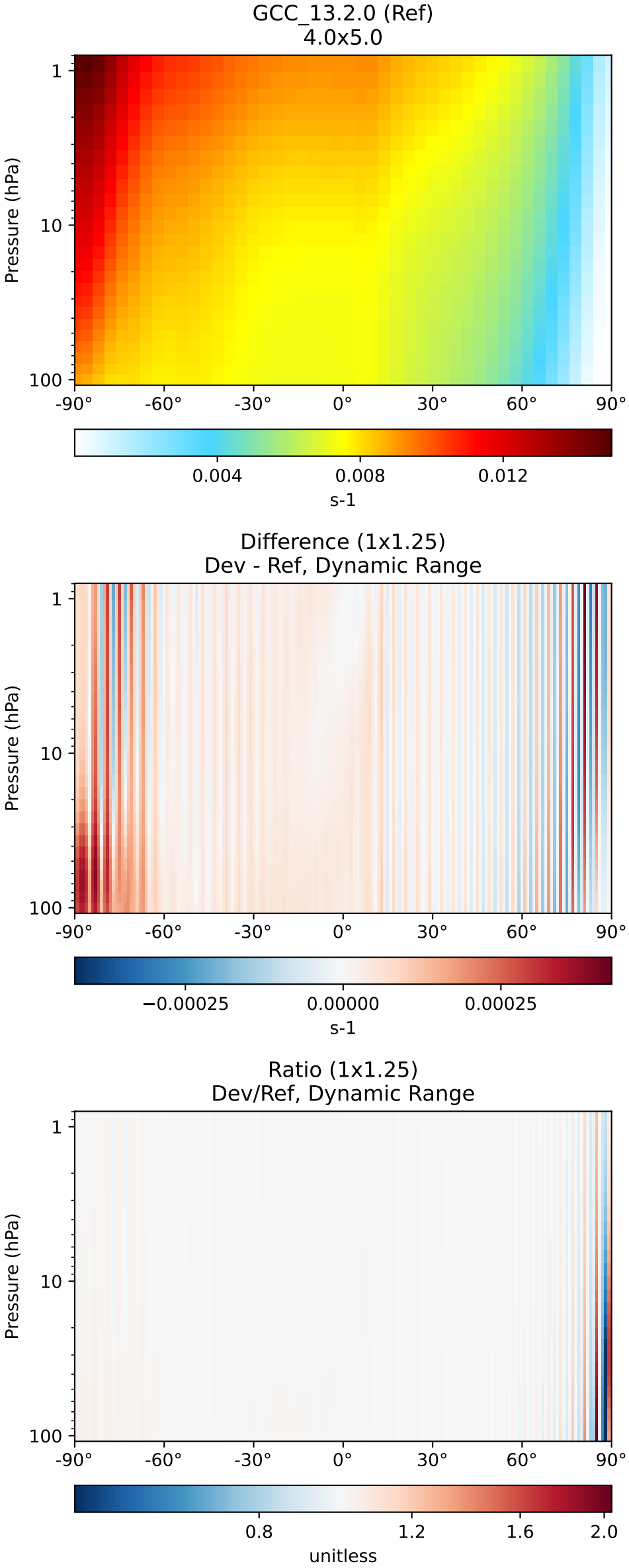


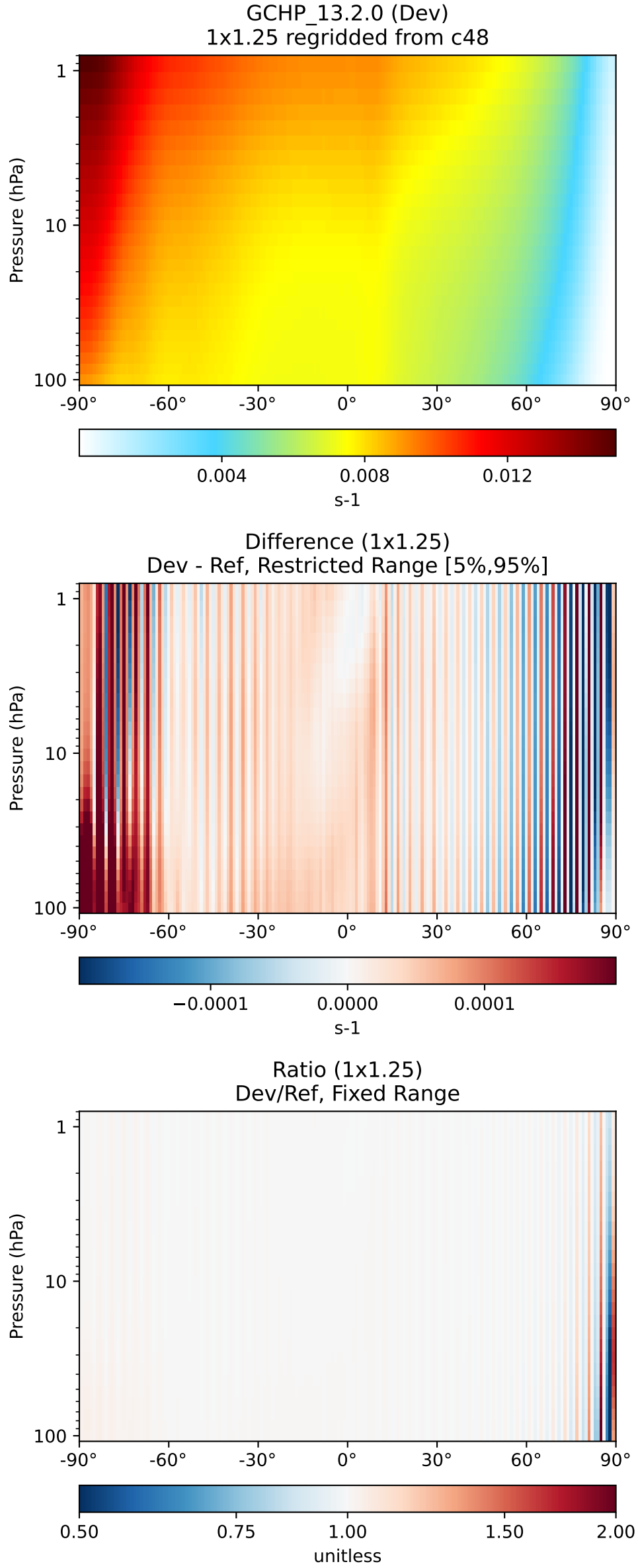
Jval_IONO, Zonal Mean (Oct2019)



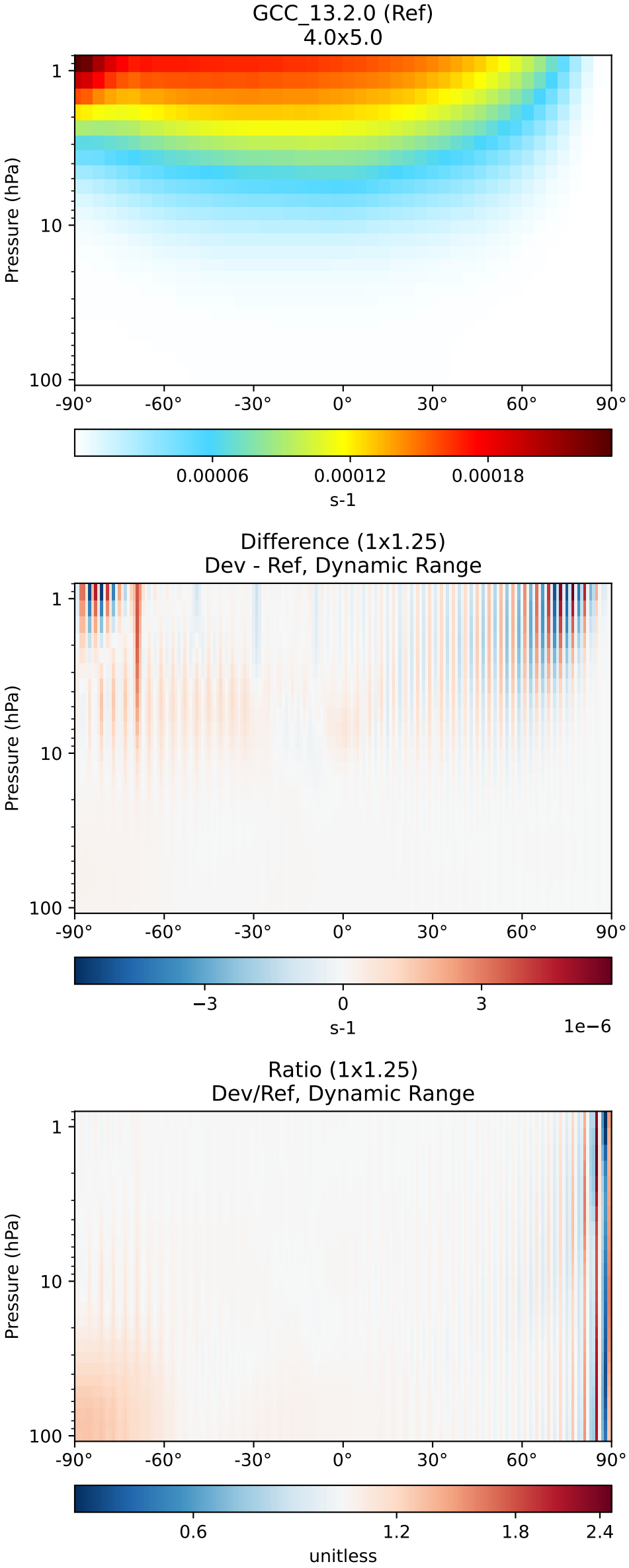


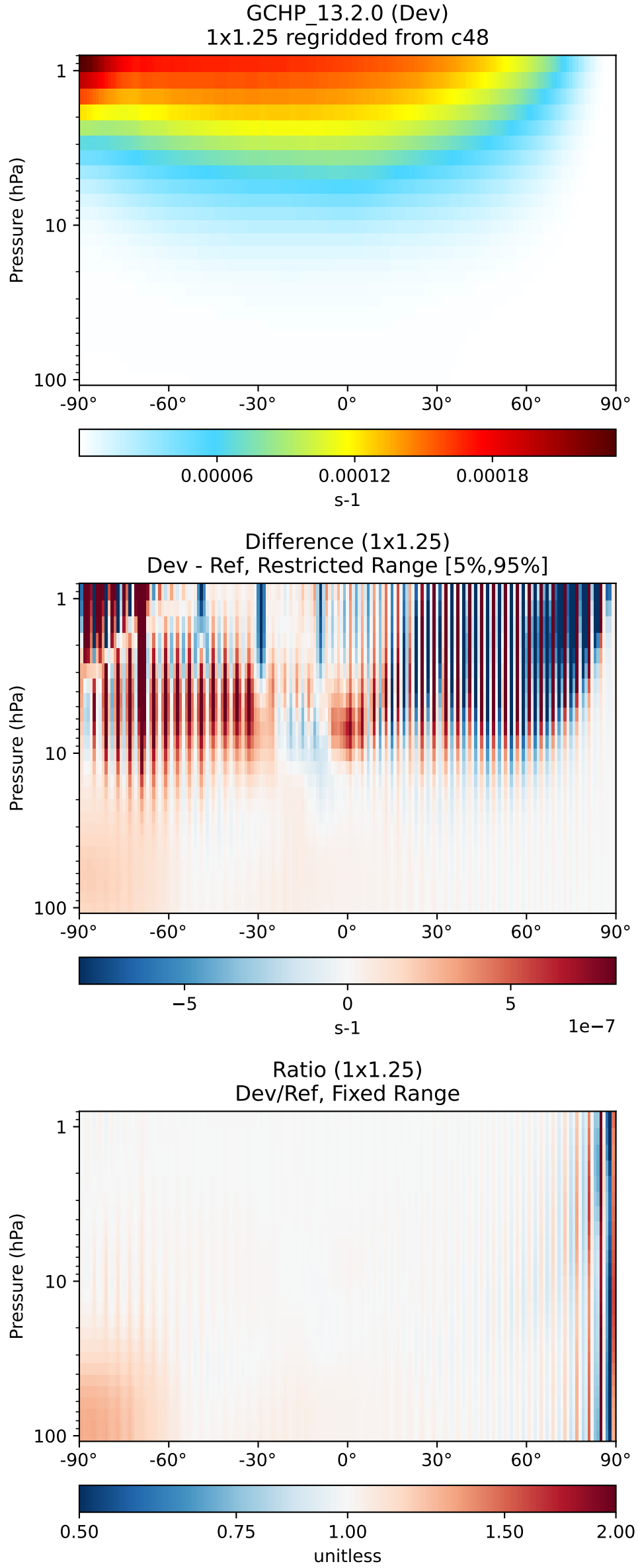
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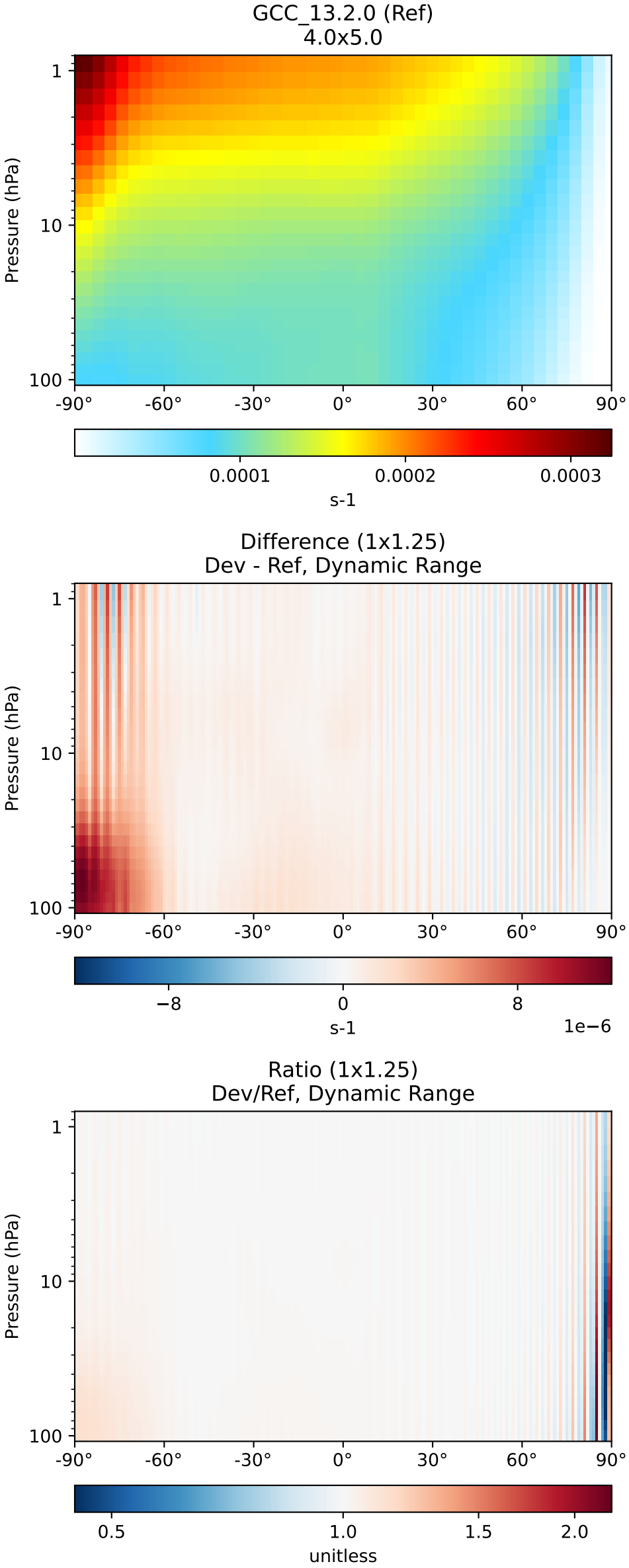


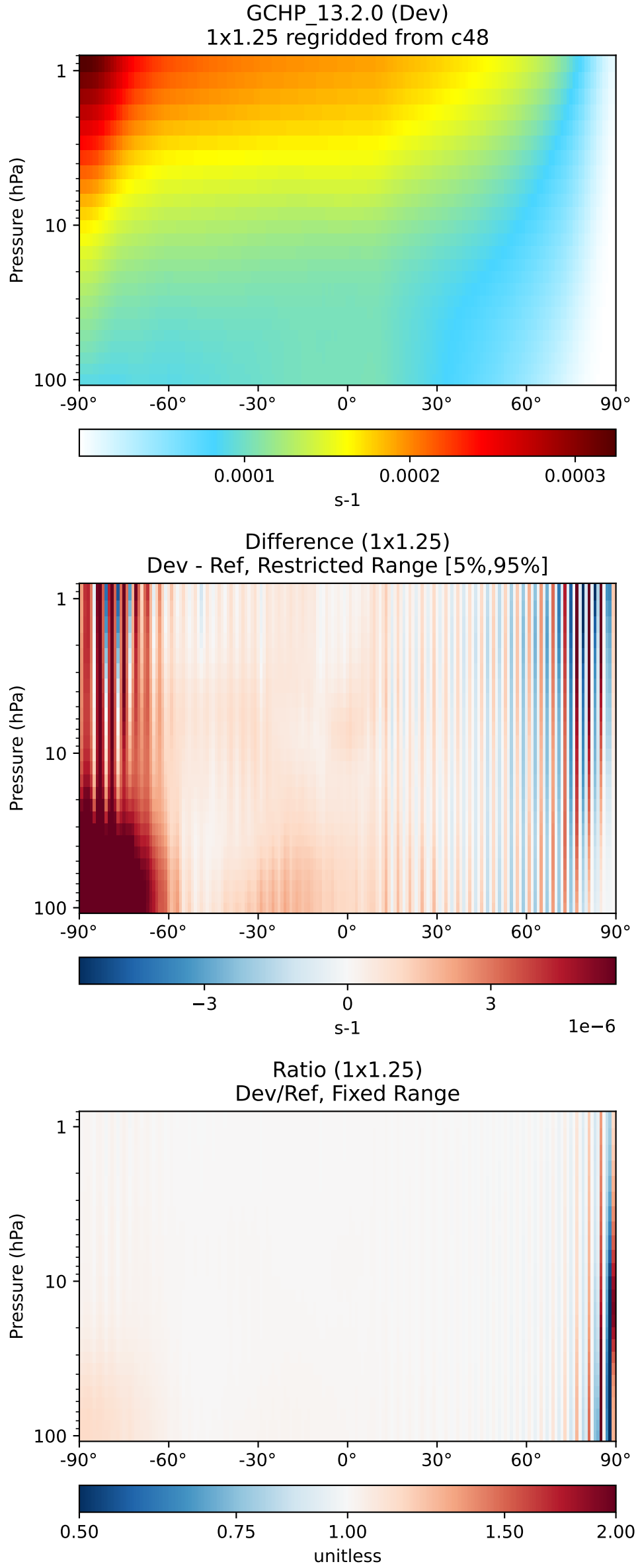
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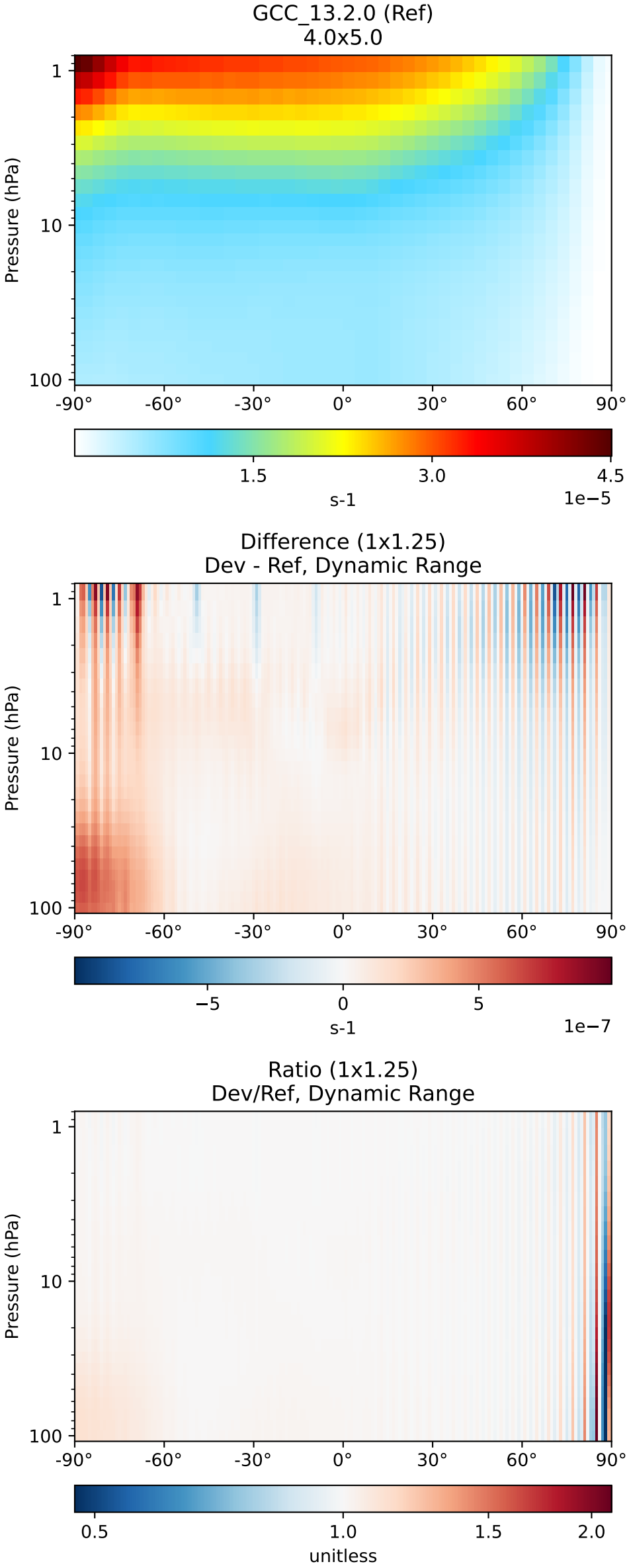


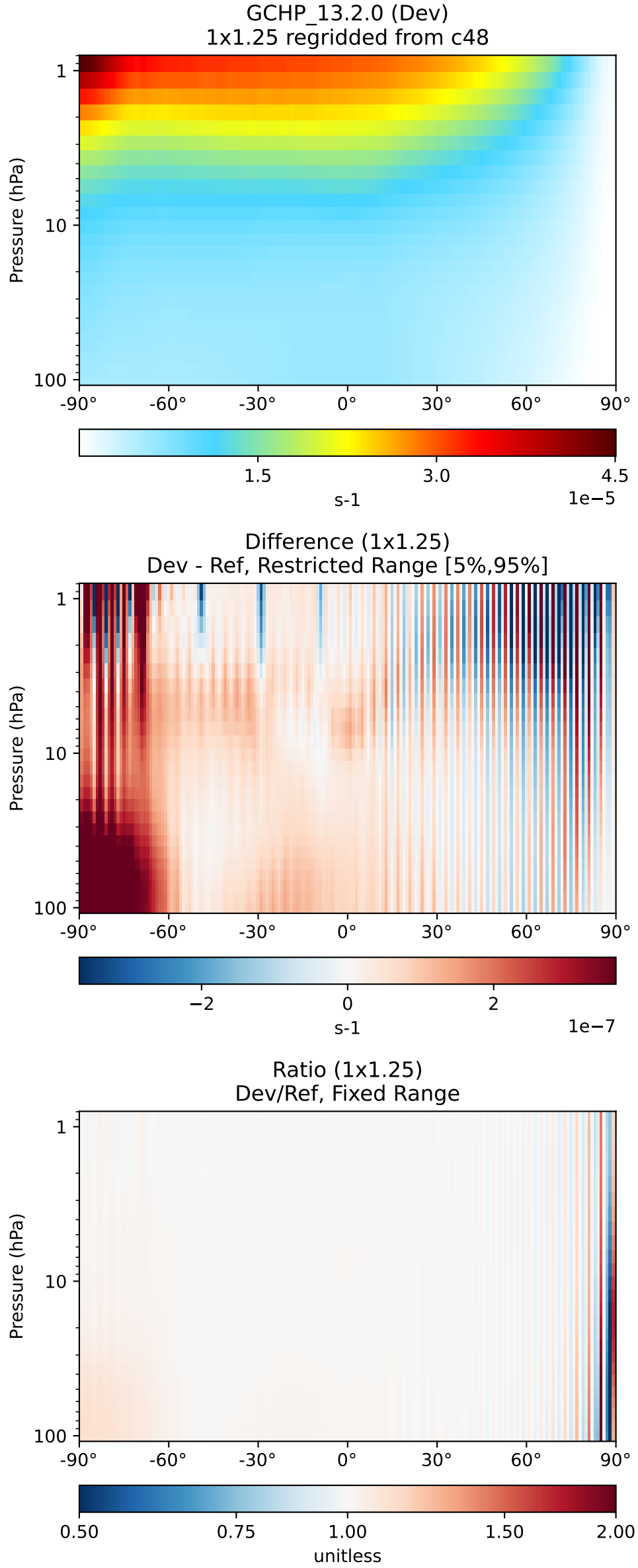
Jval_ITCN, Zonal Mean (Oct2019)



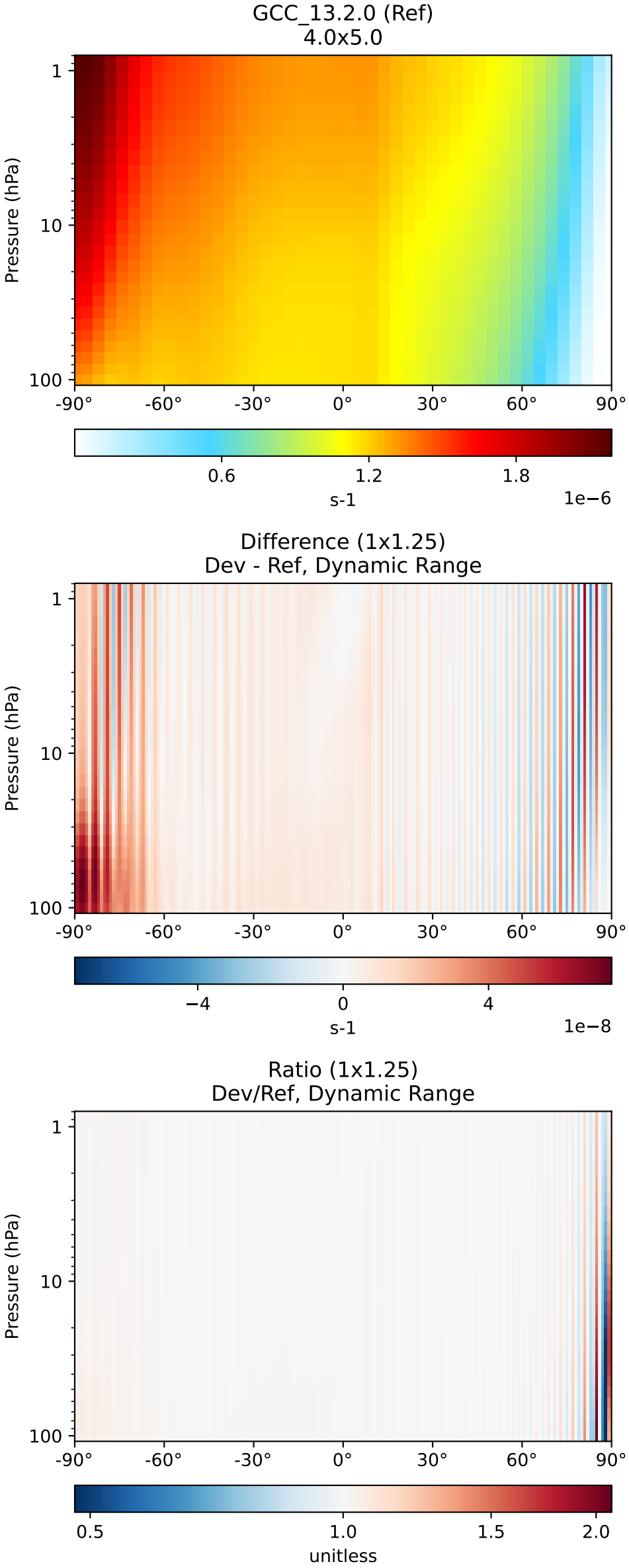


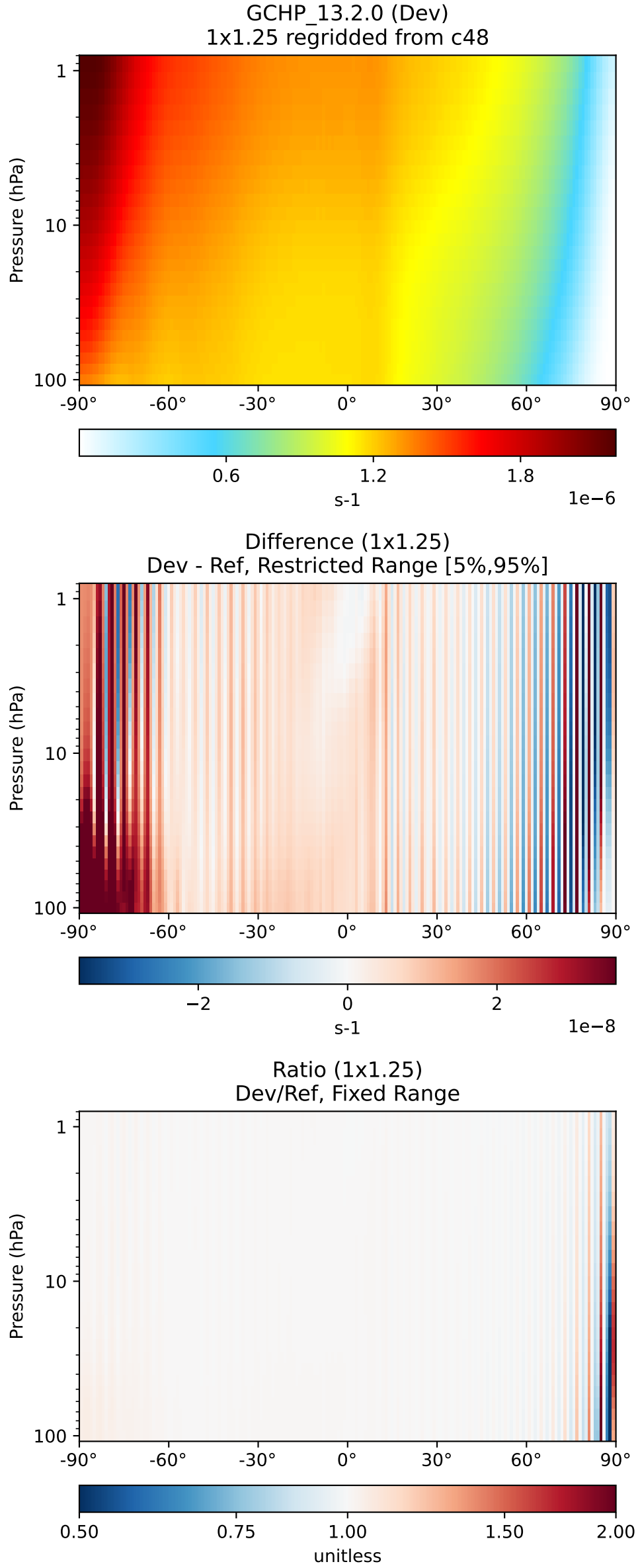
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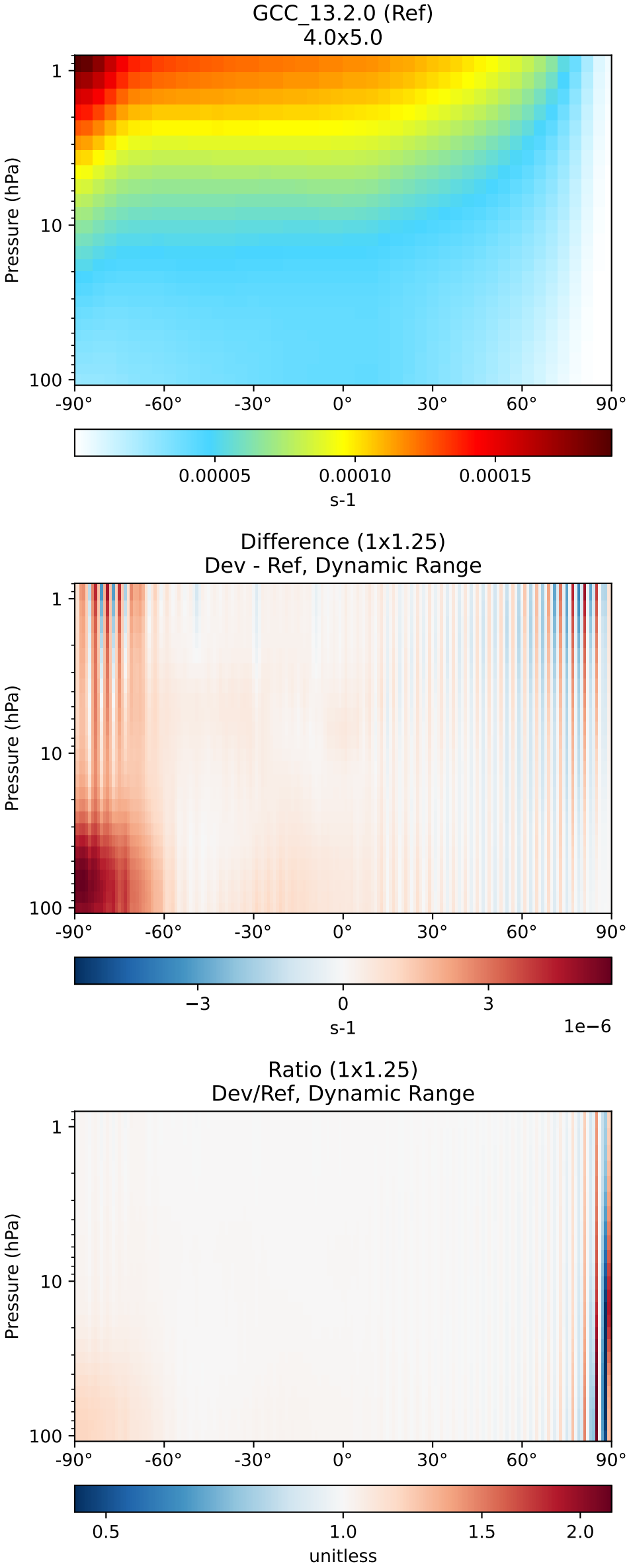


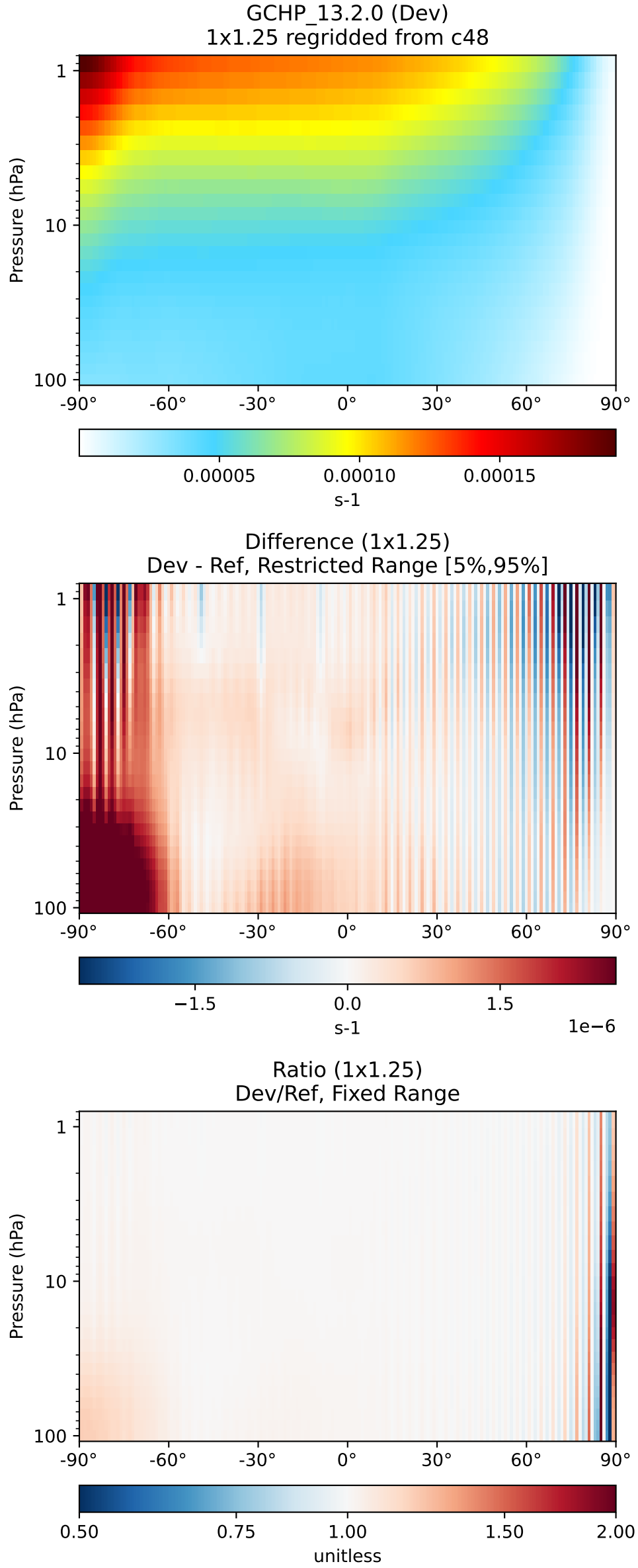
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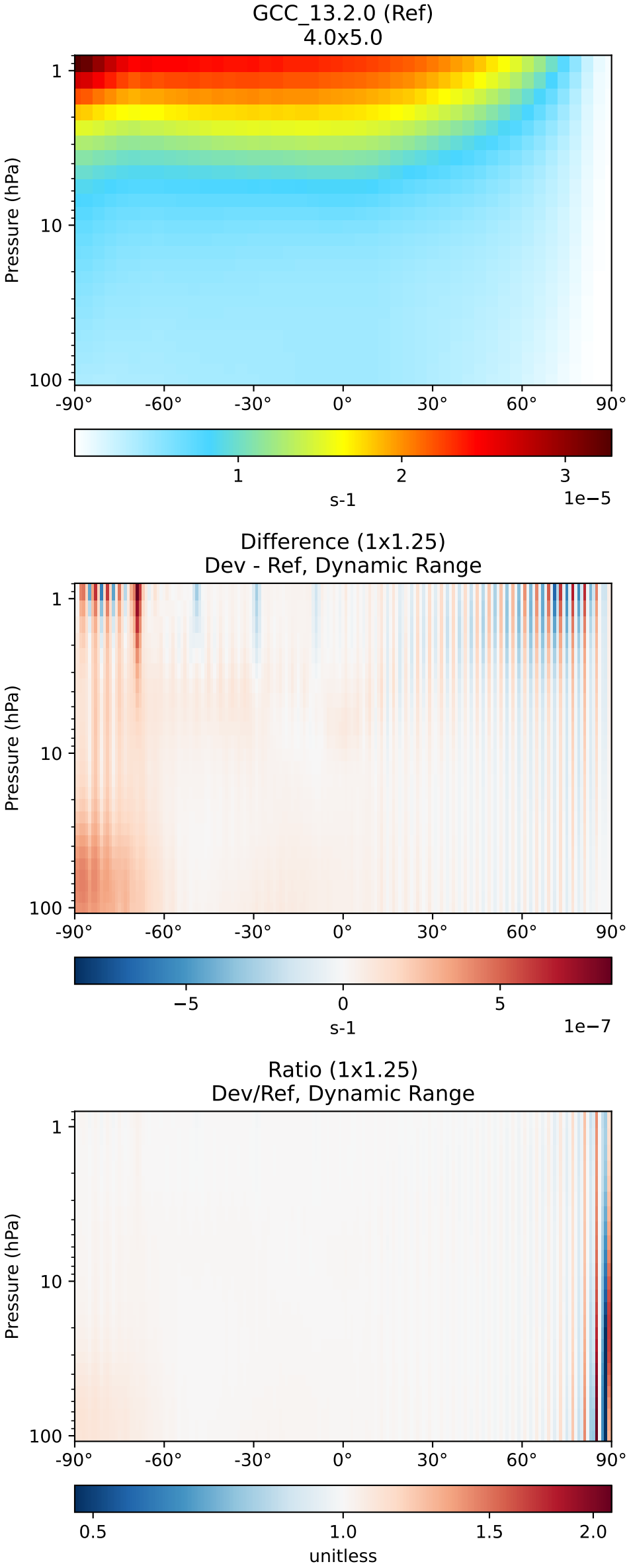


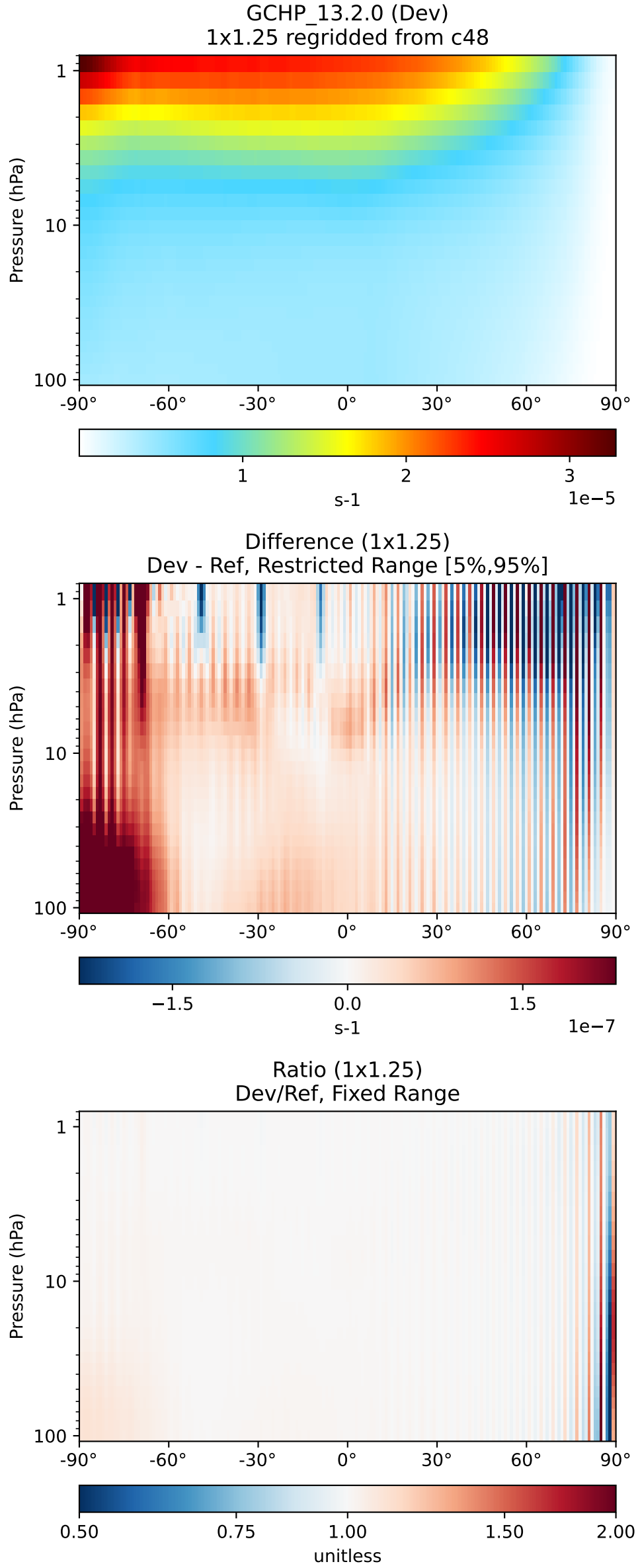
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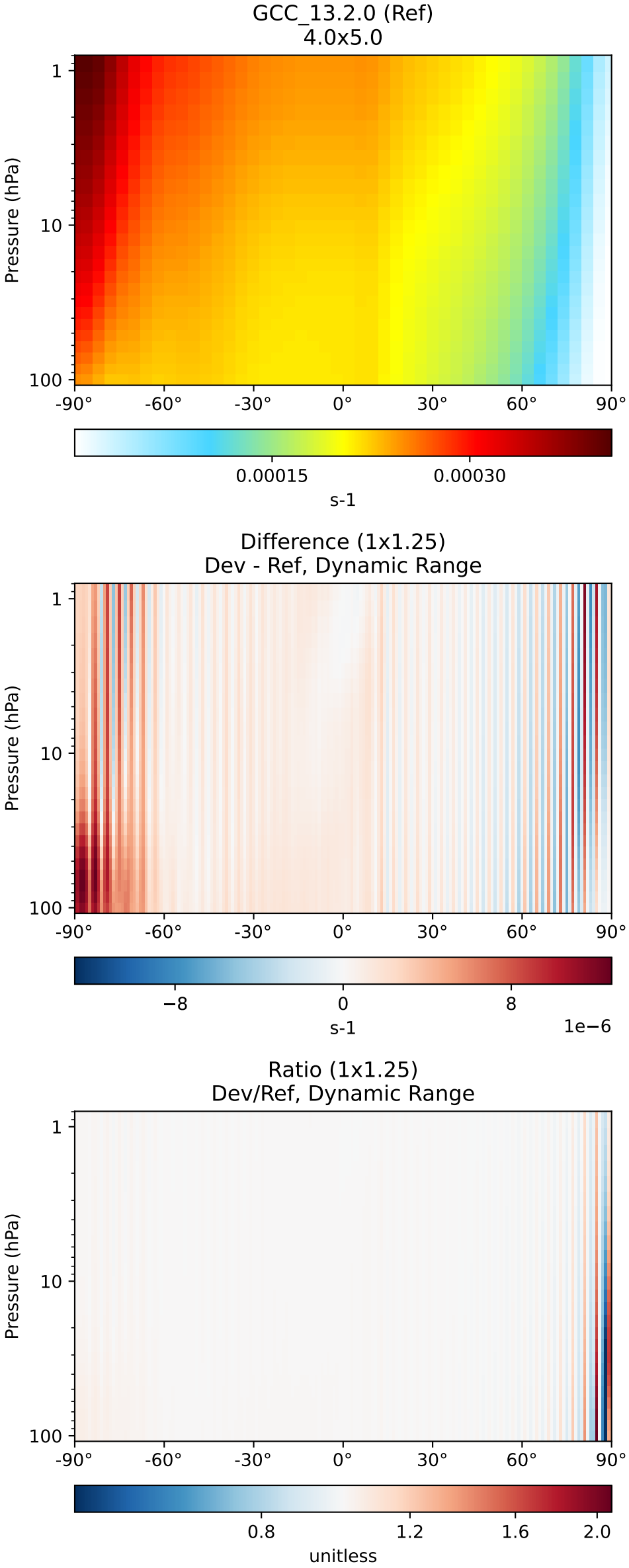


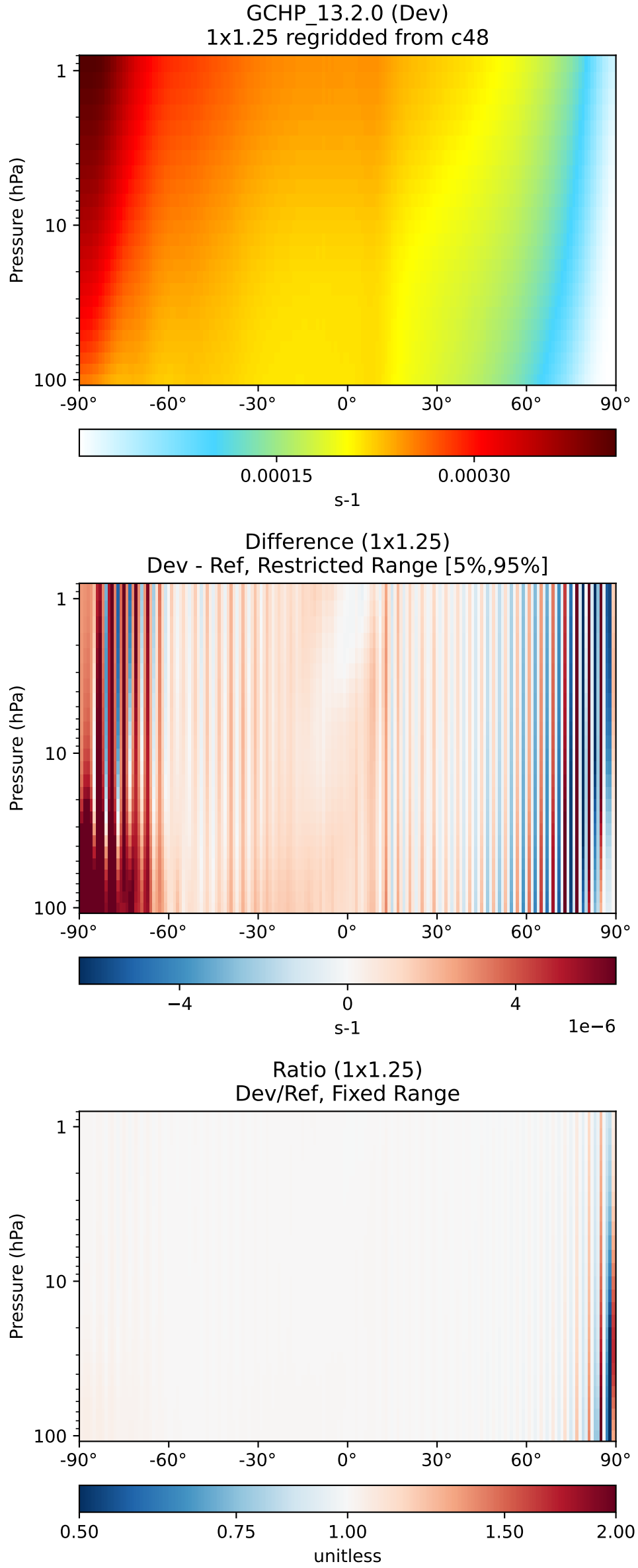
Jval_MAP, Zonal Mean (Oct2019)



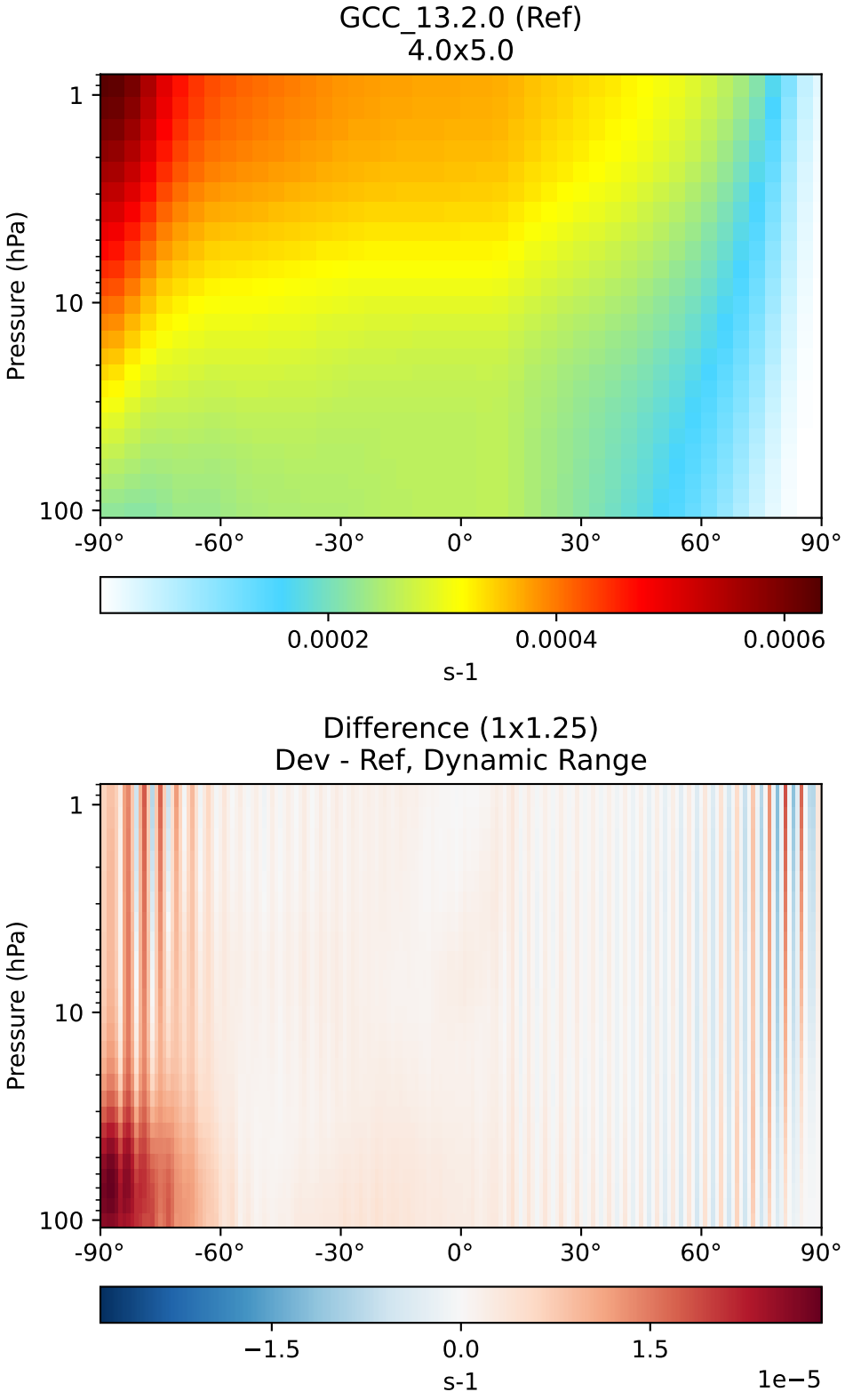


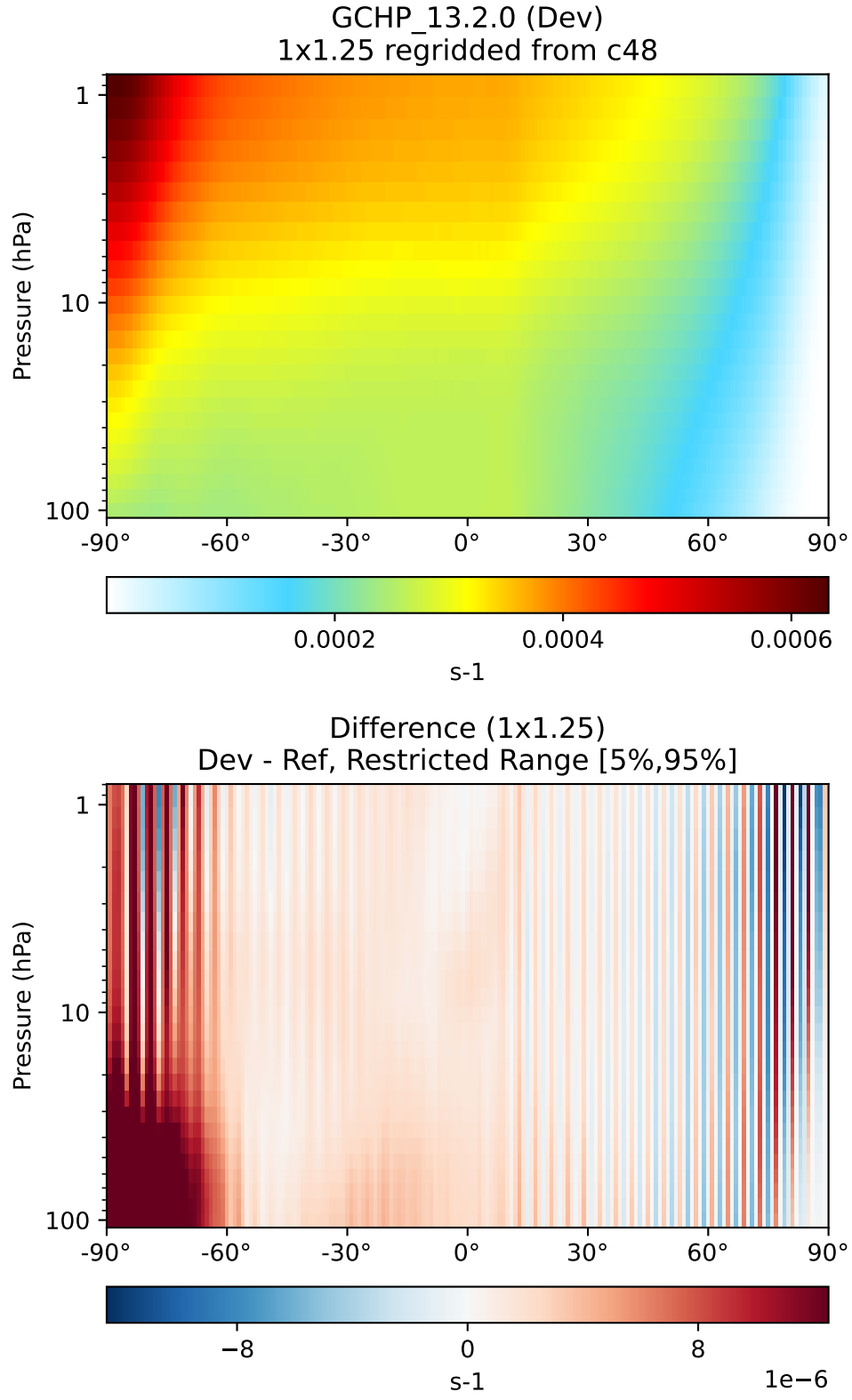
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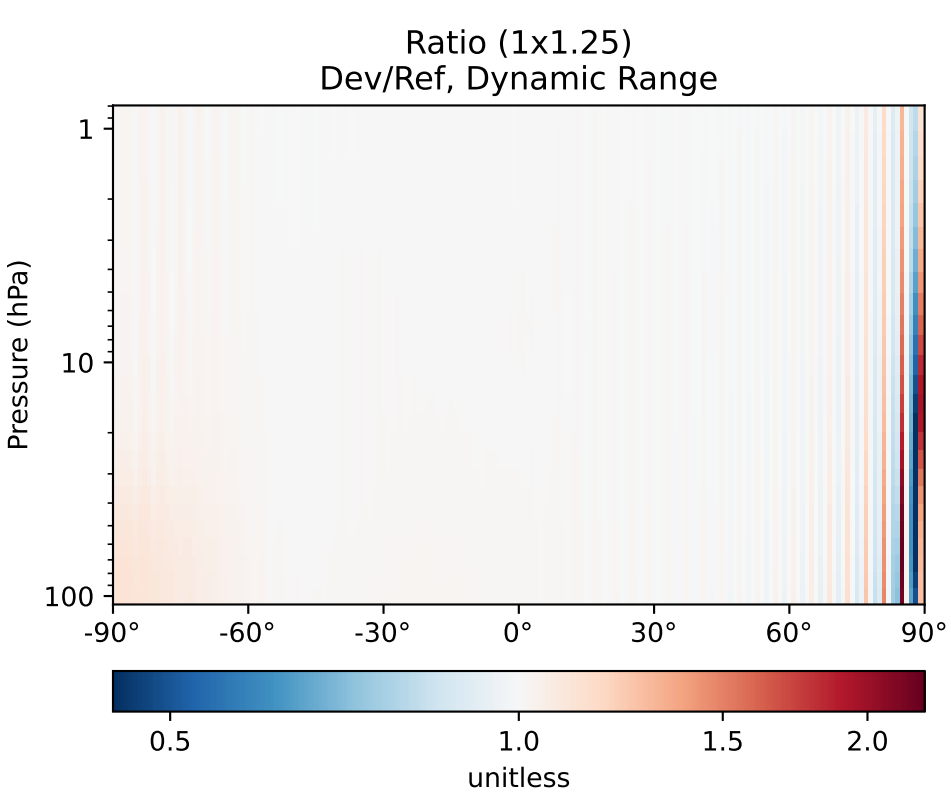


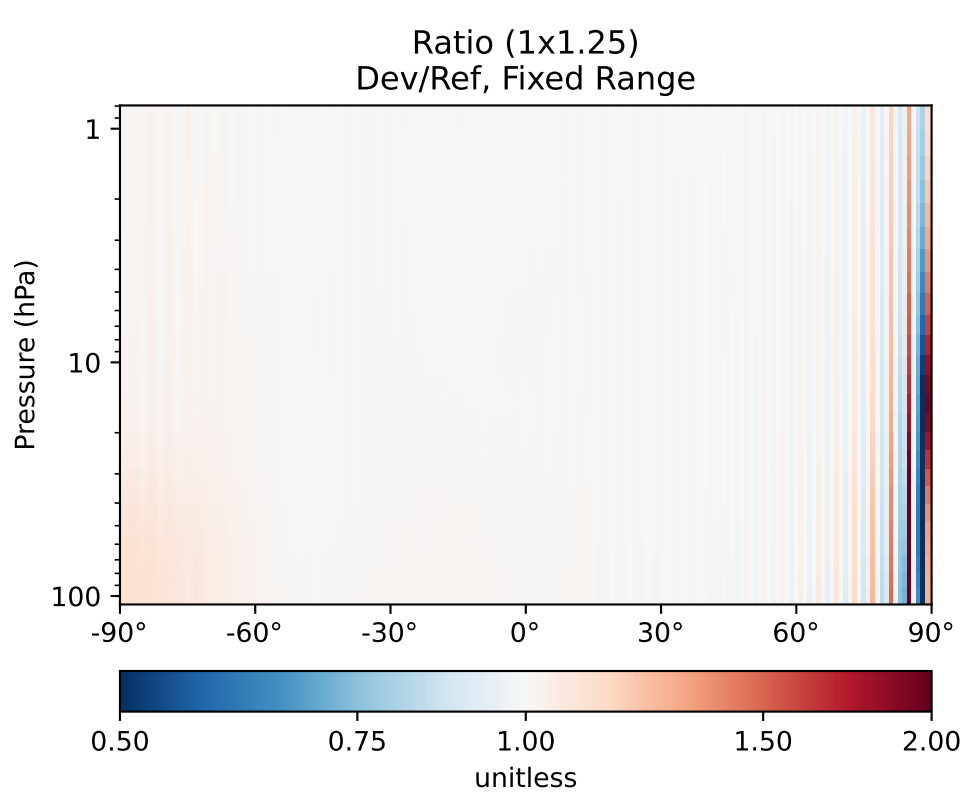


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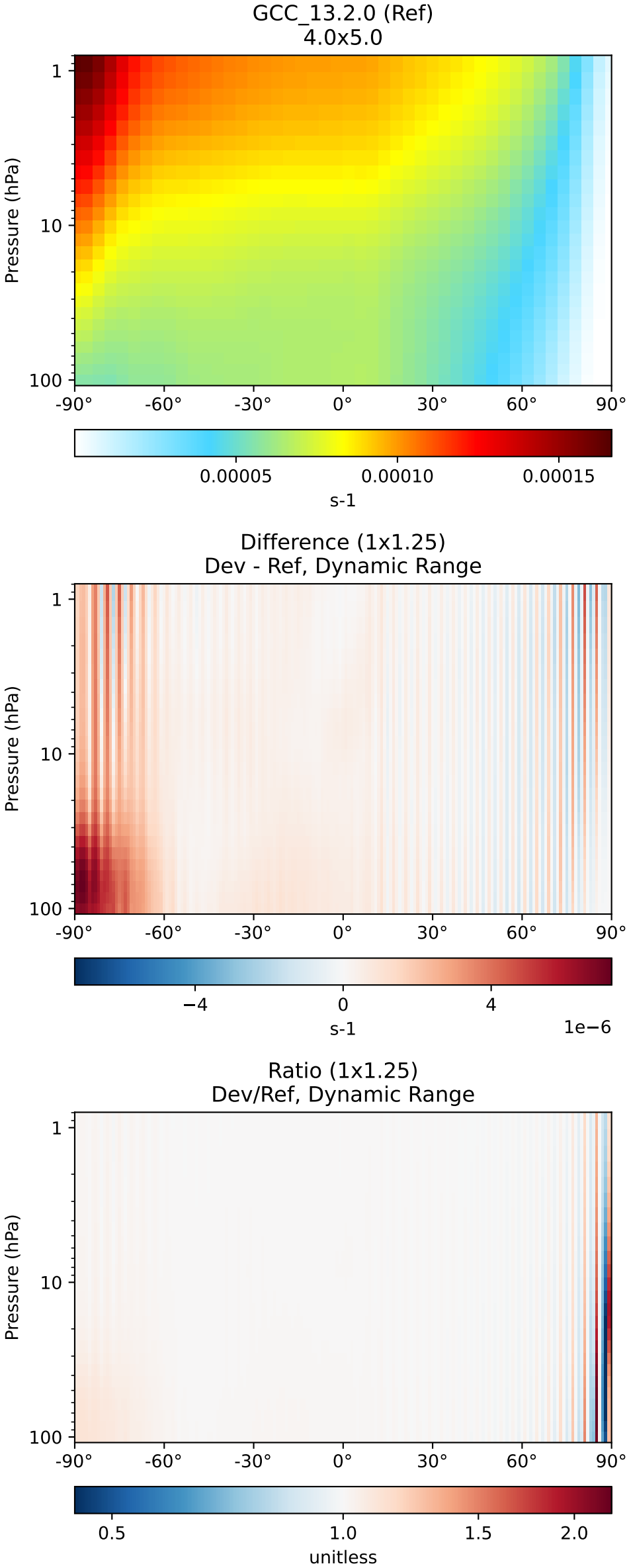


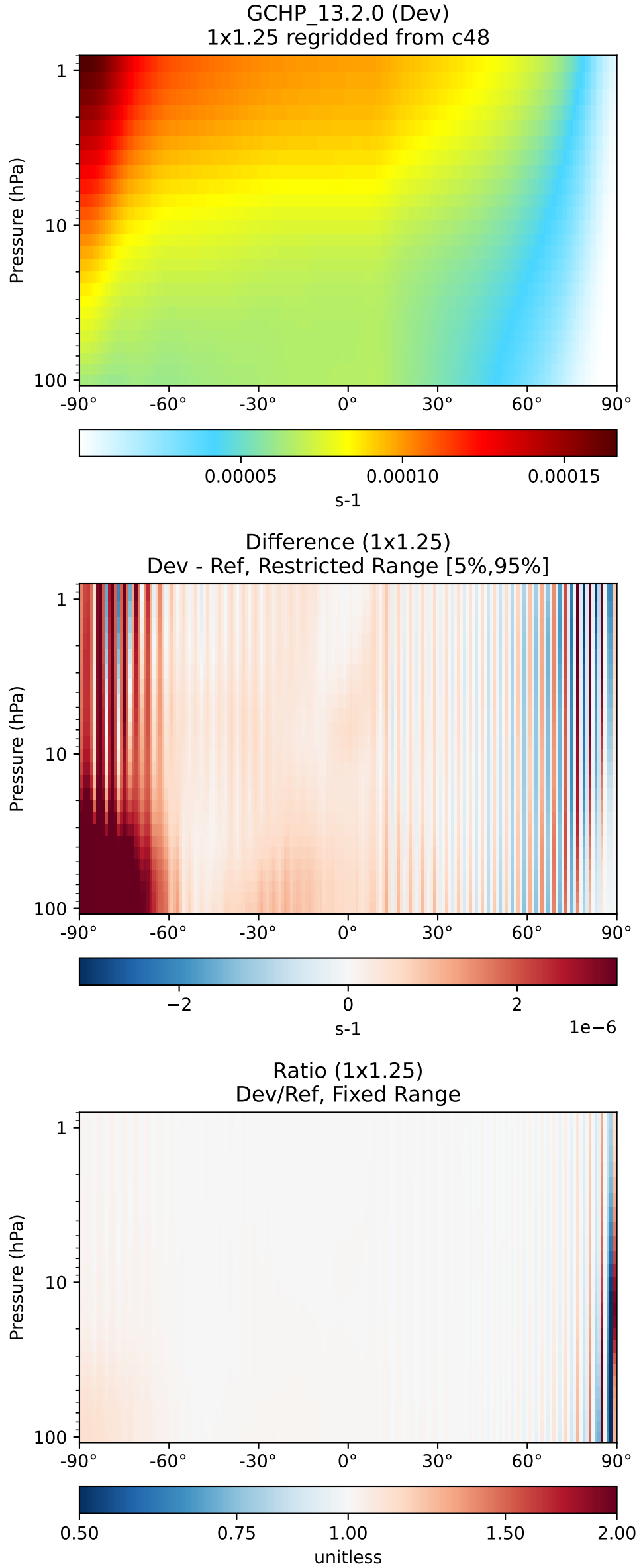




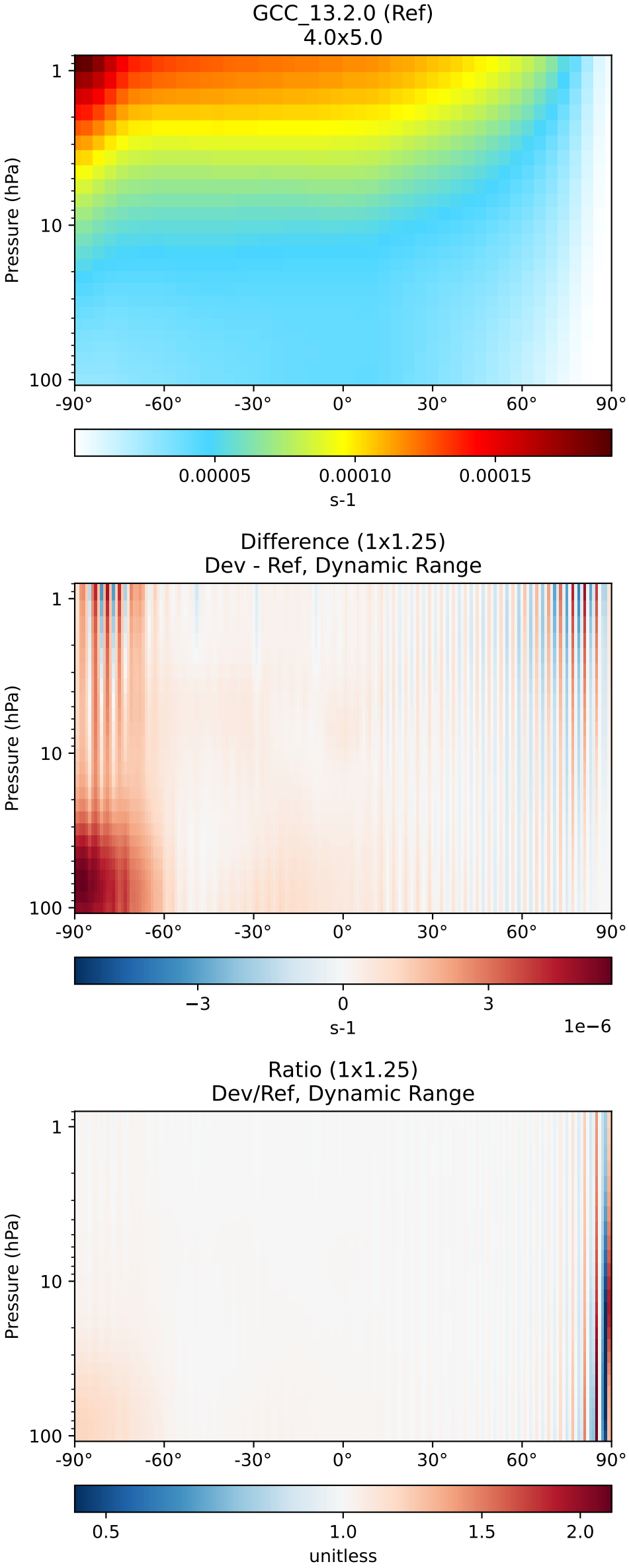


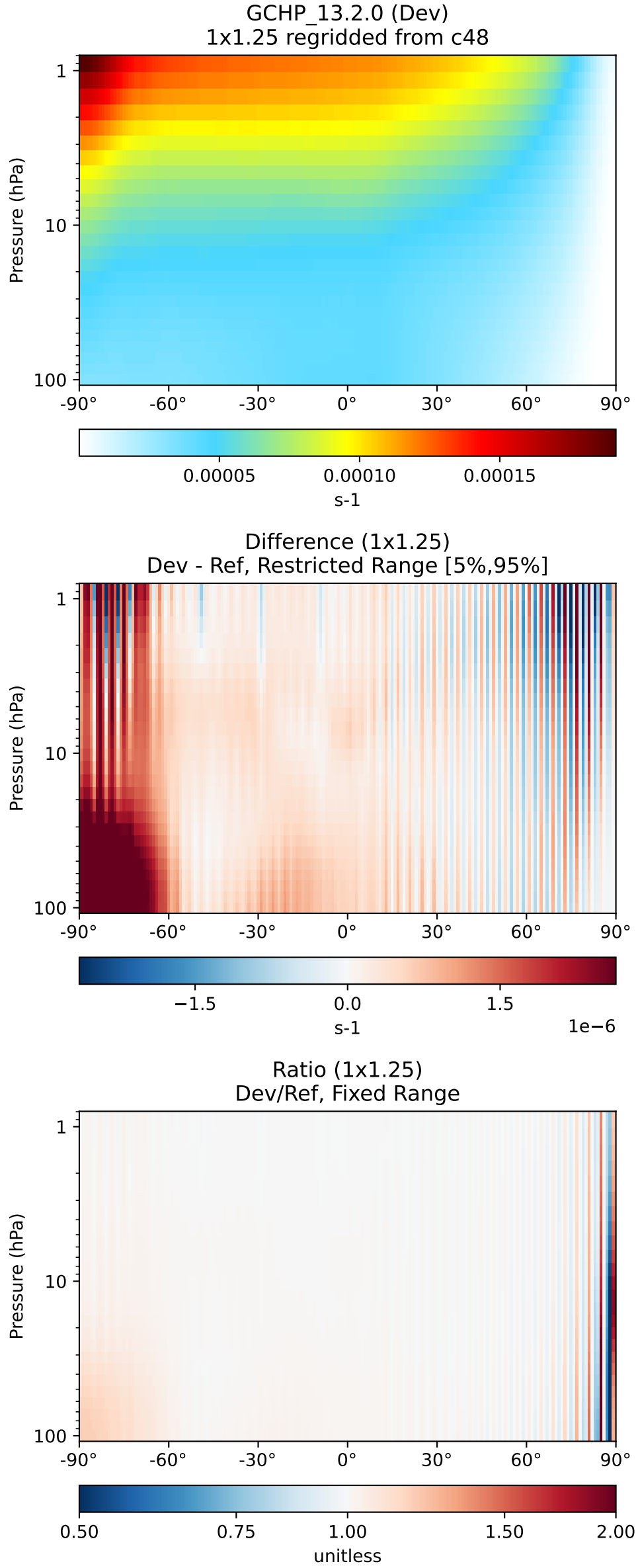
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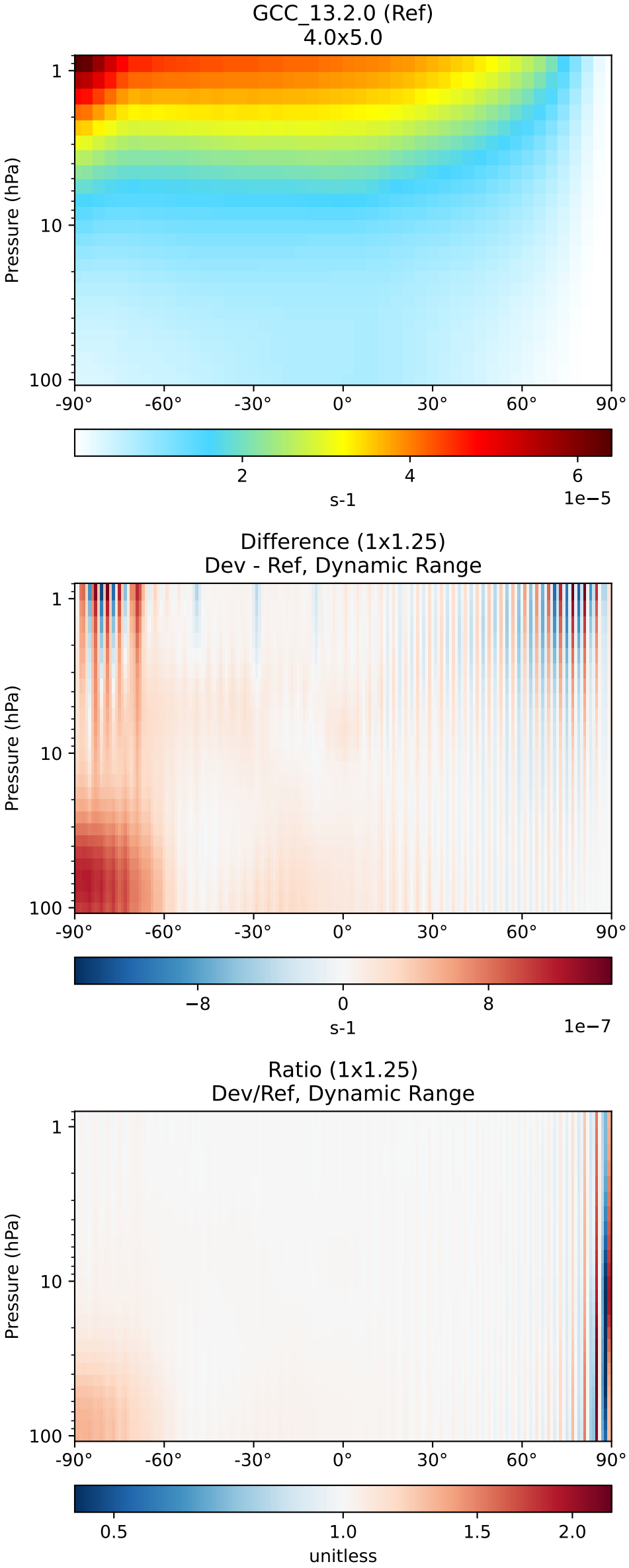


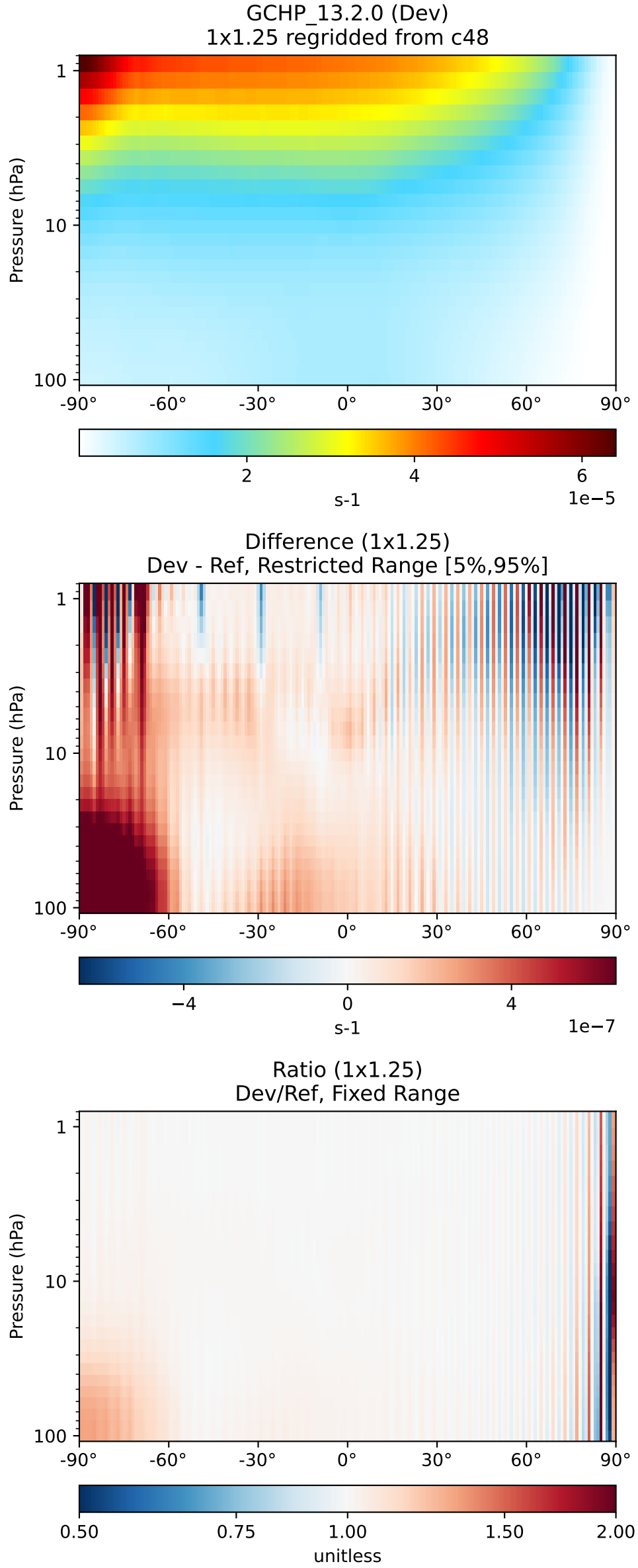
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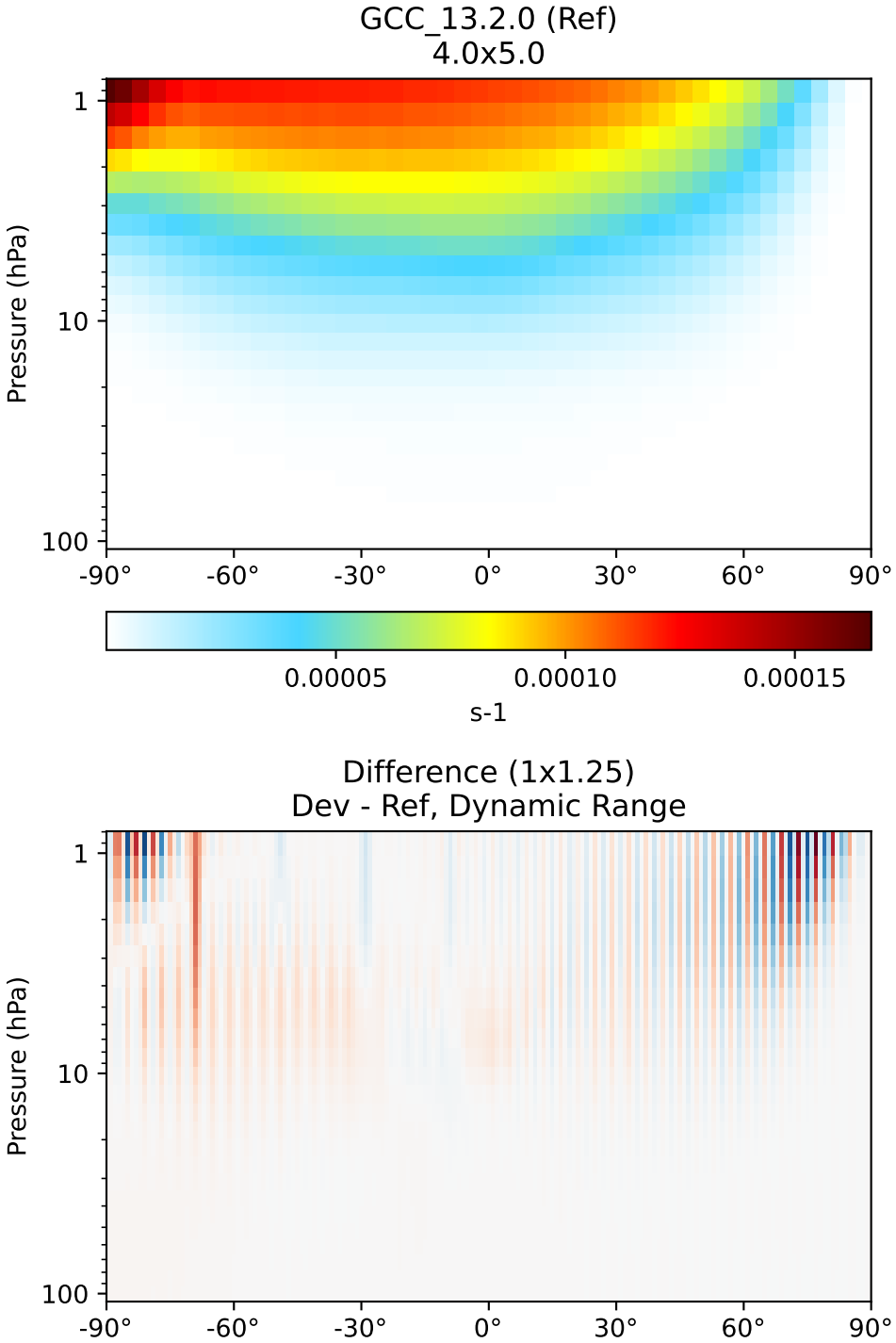


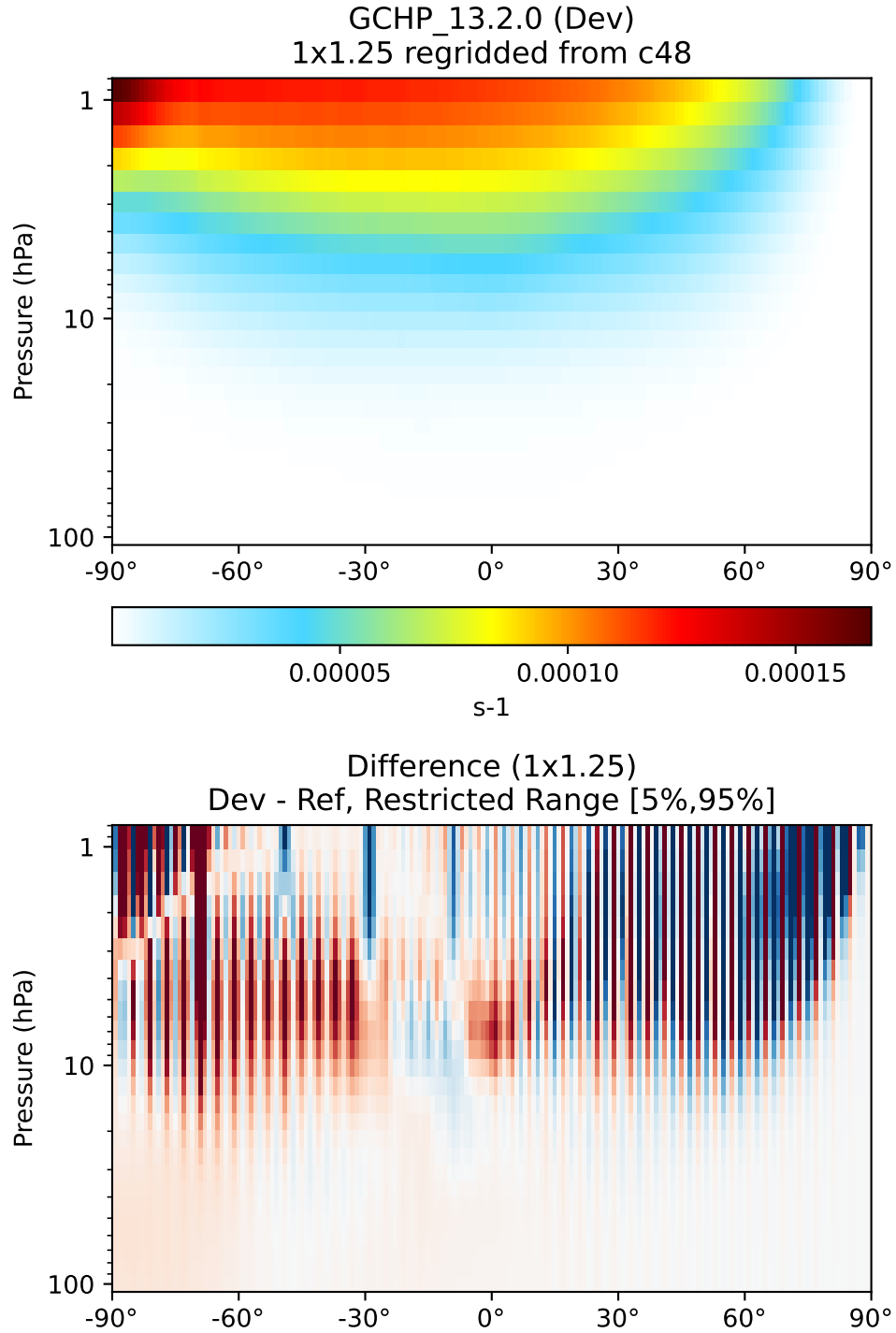
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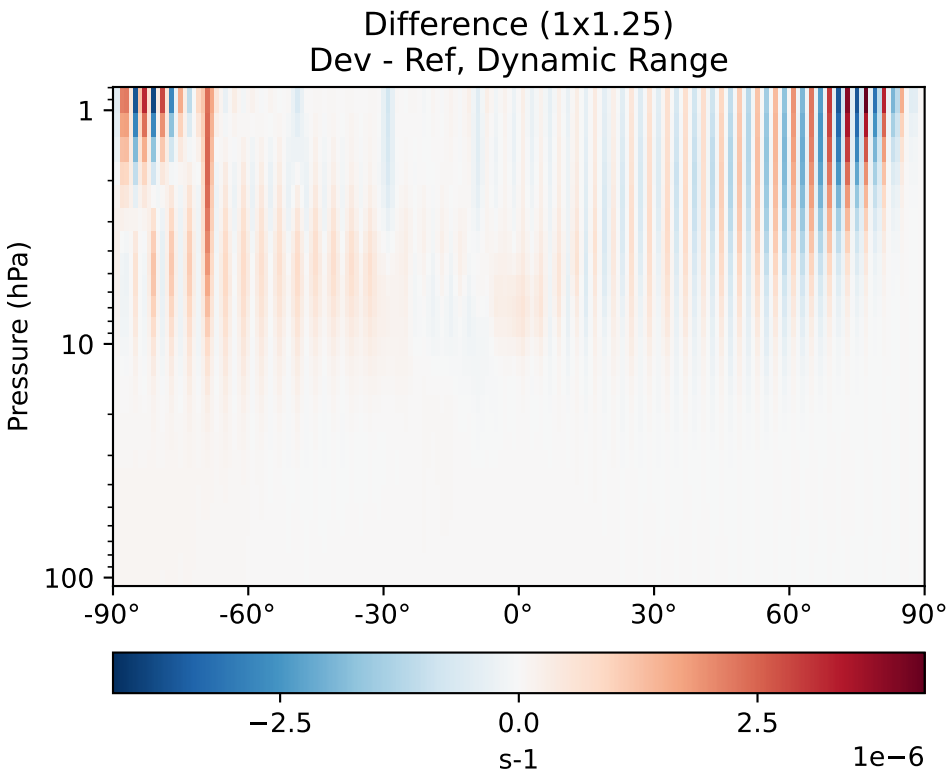


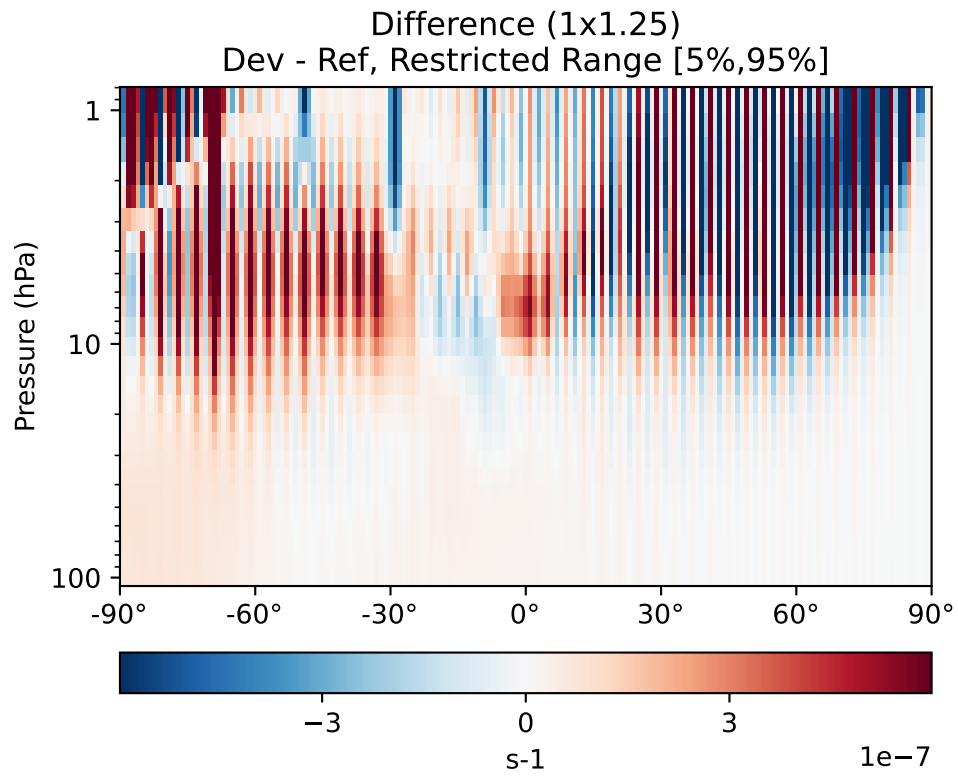


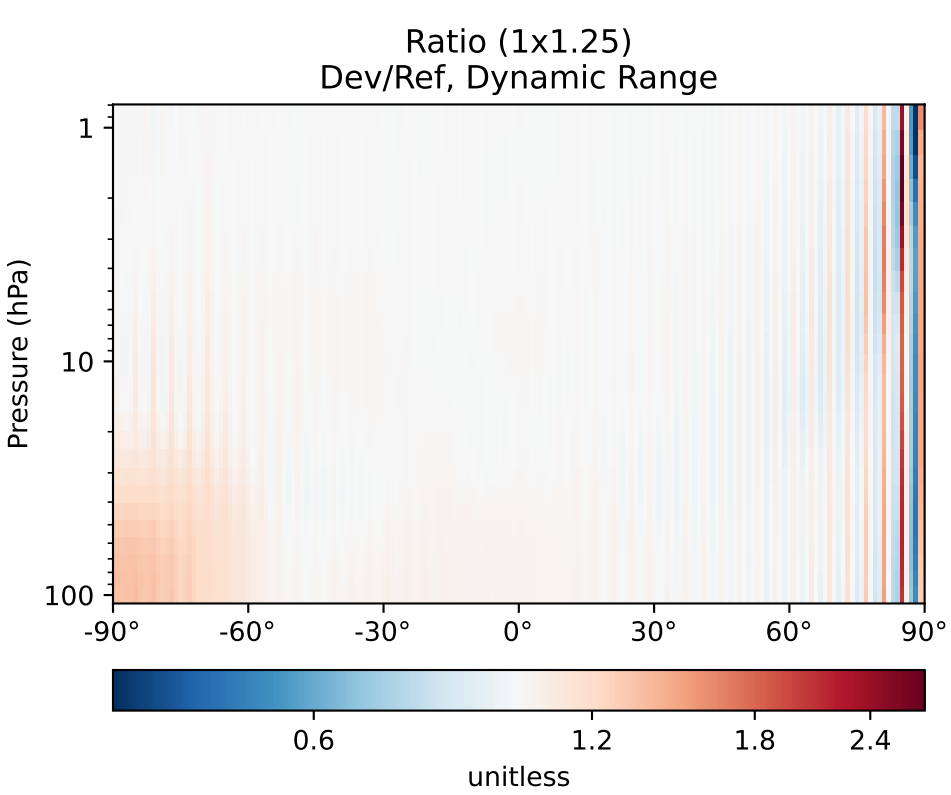
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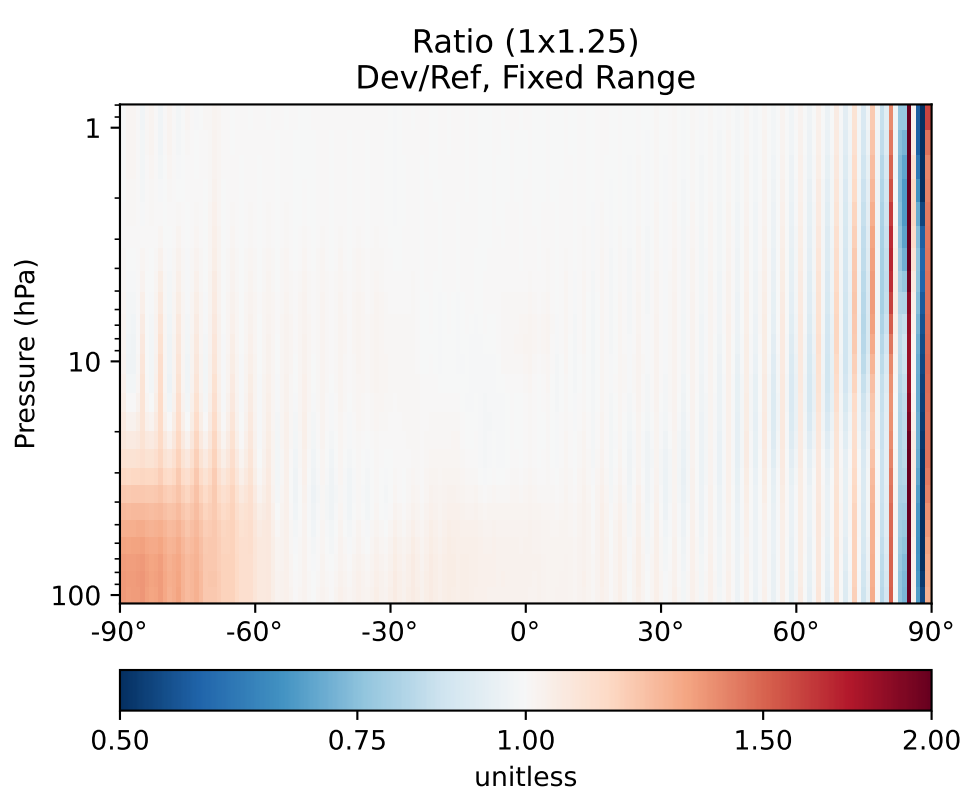




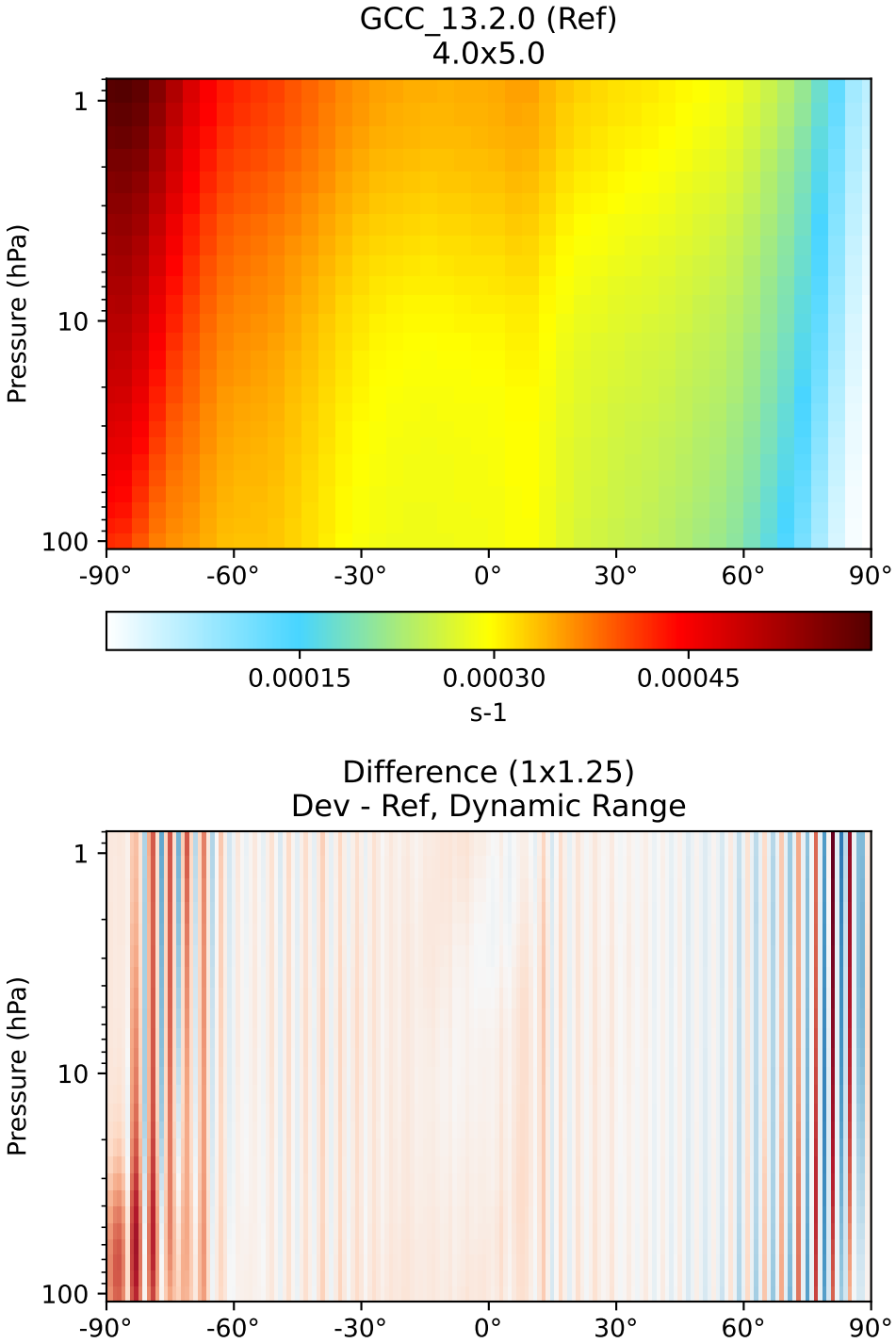


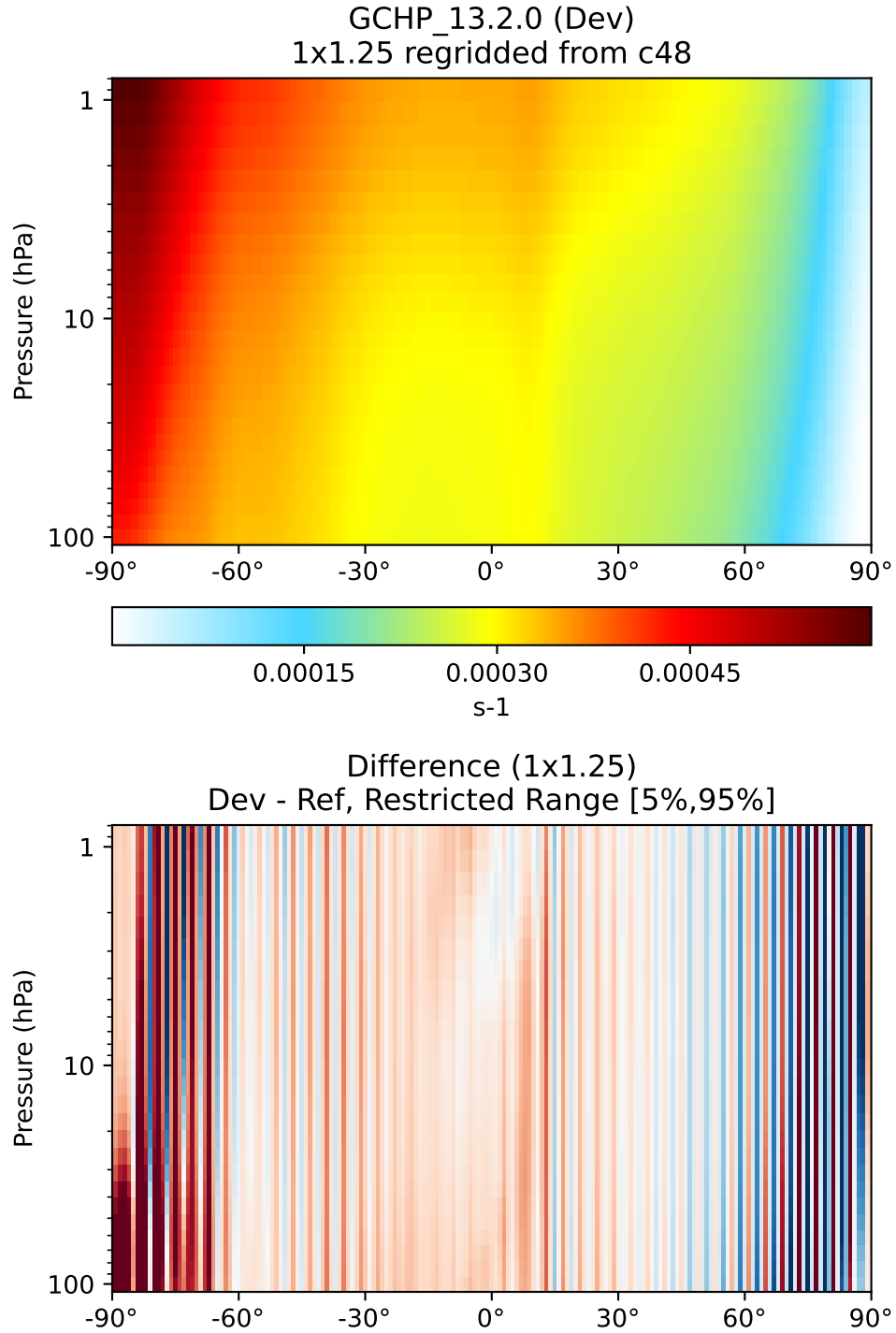


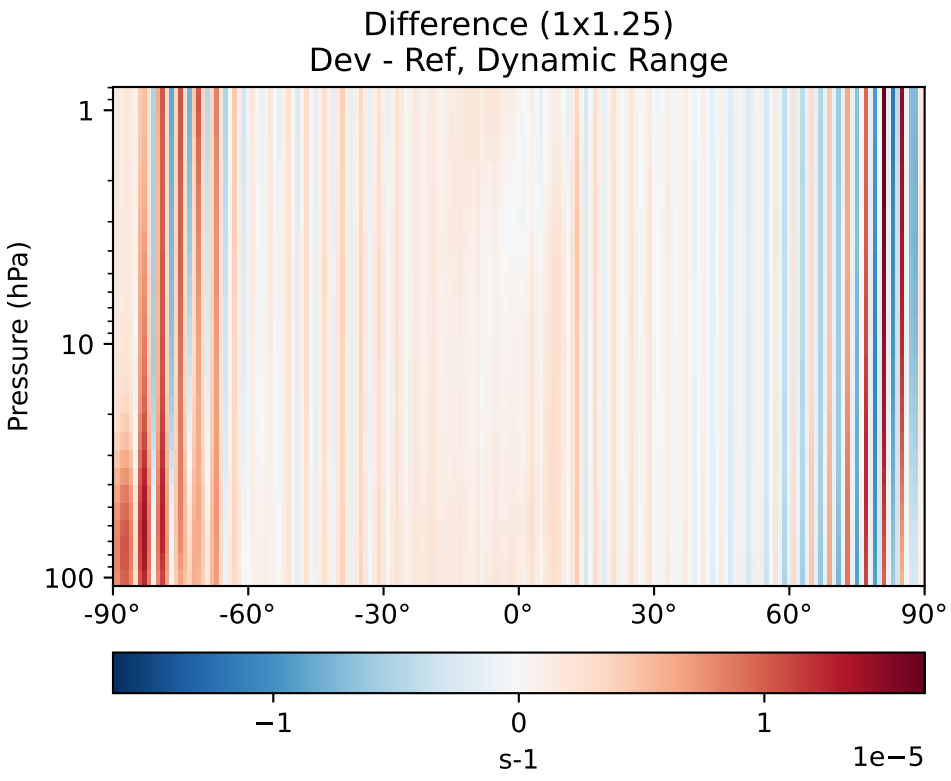


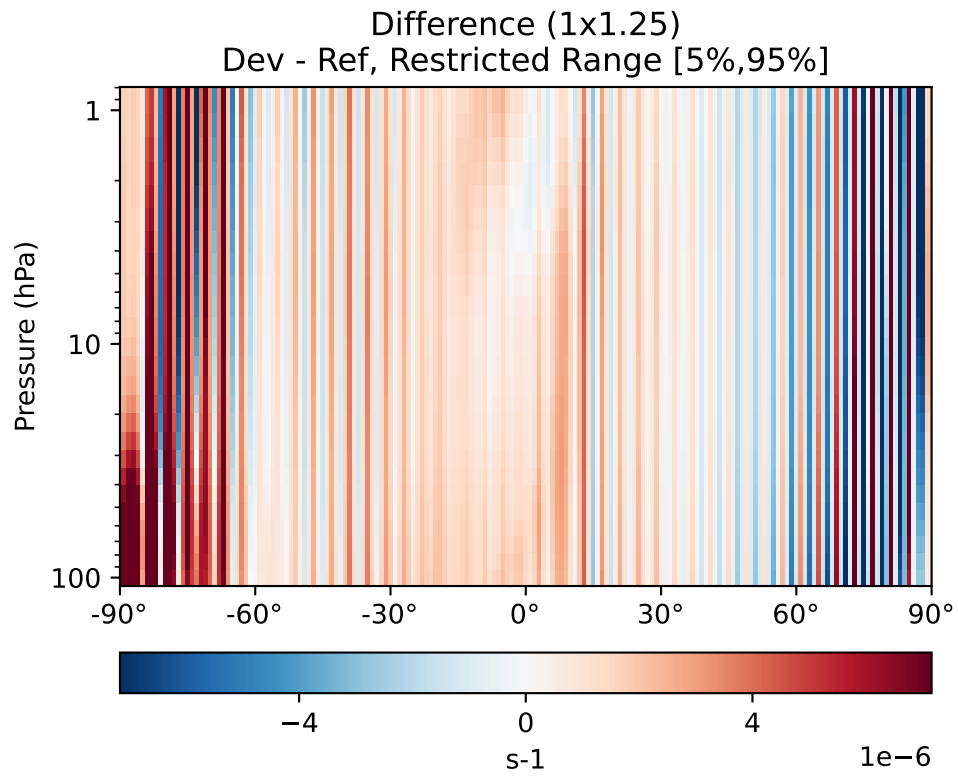


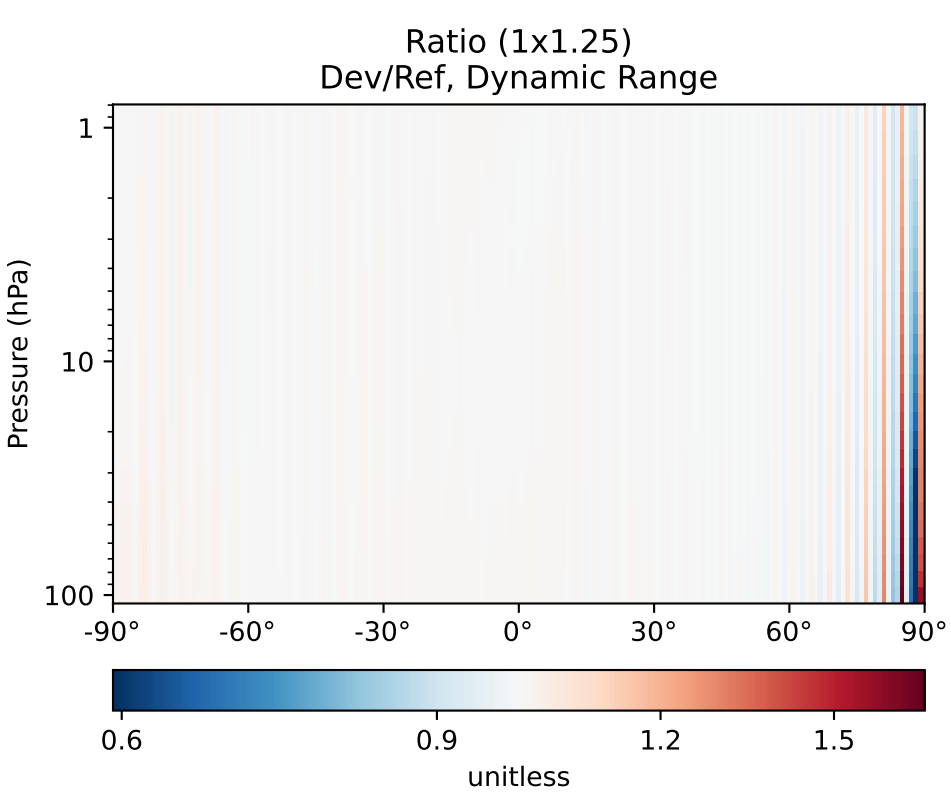
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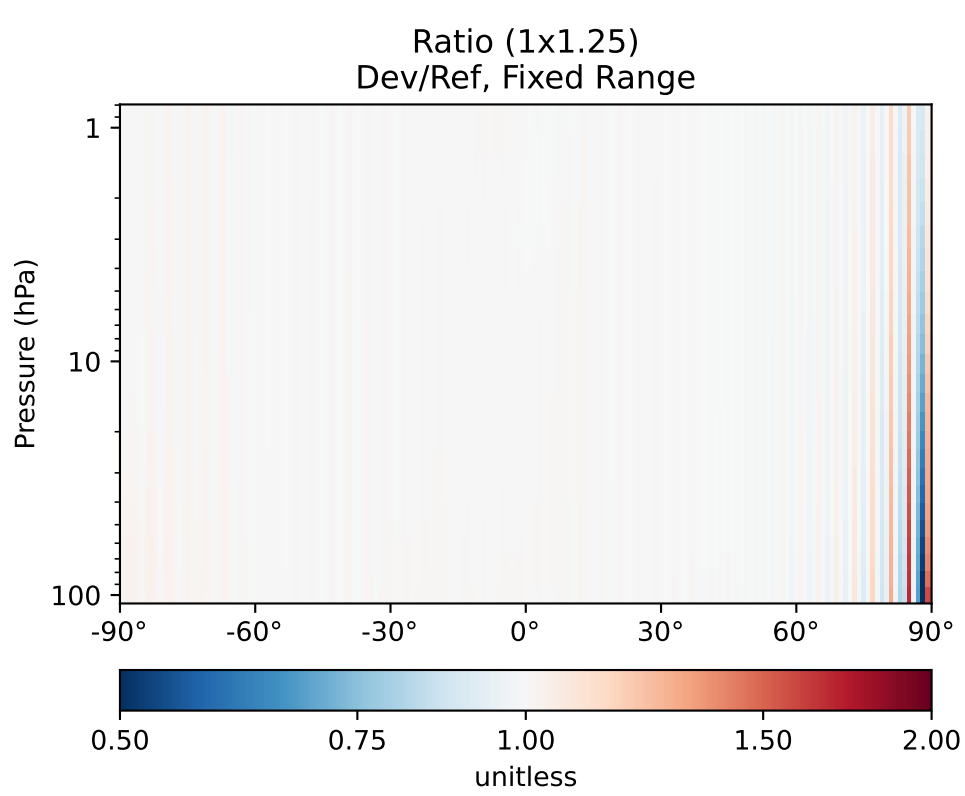




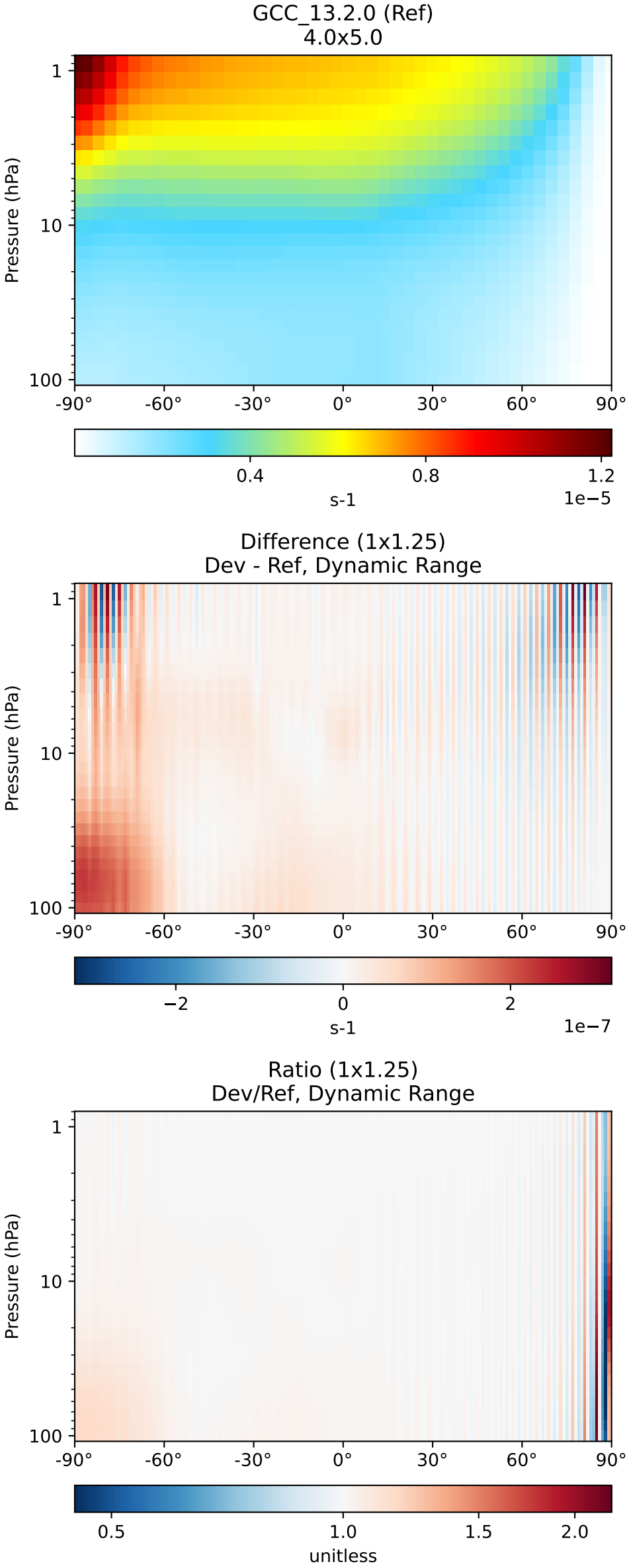


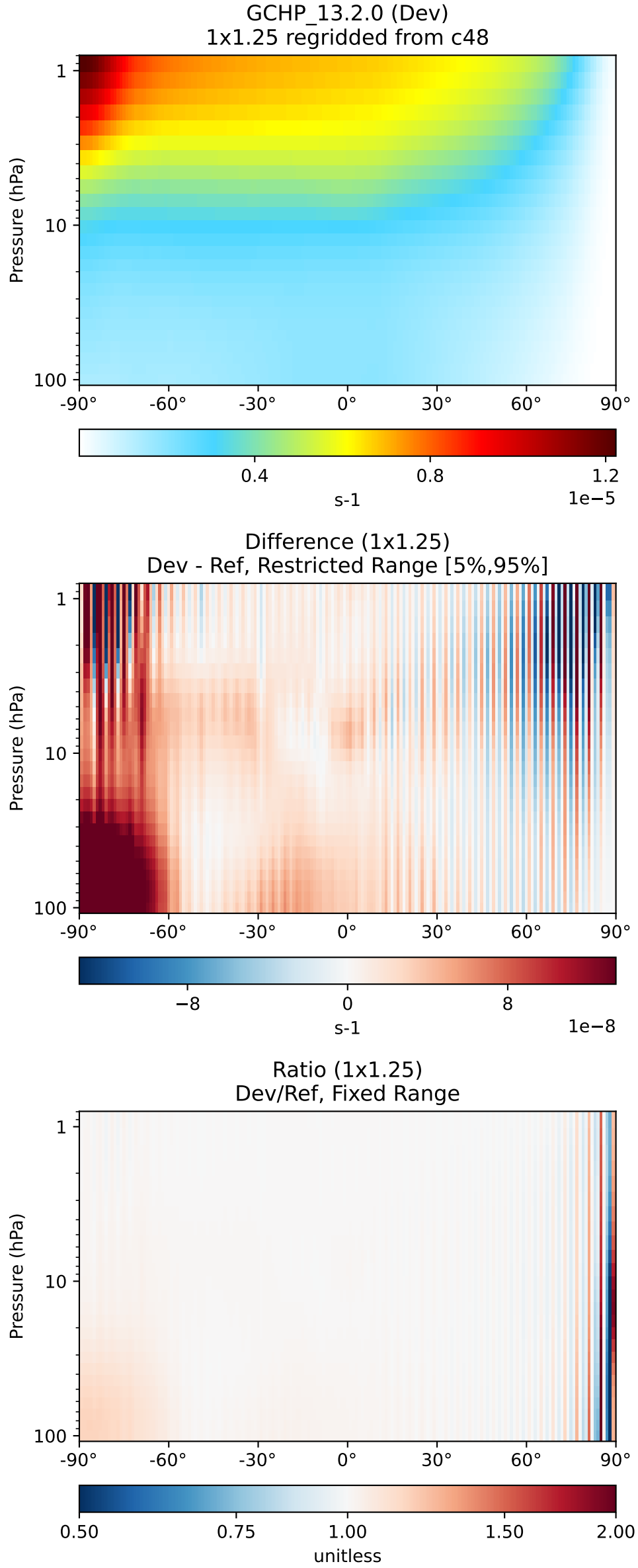




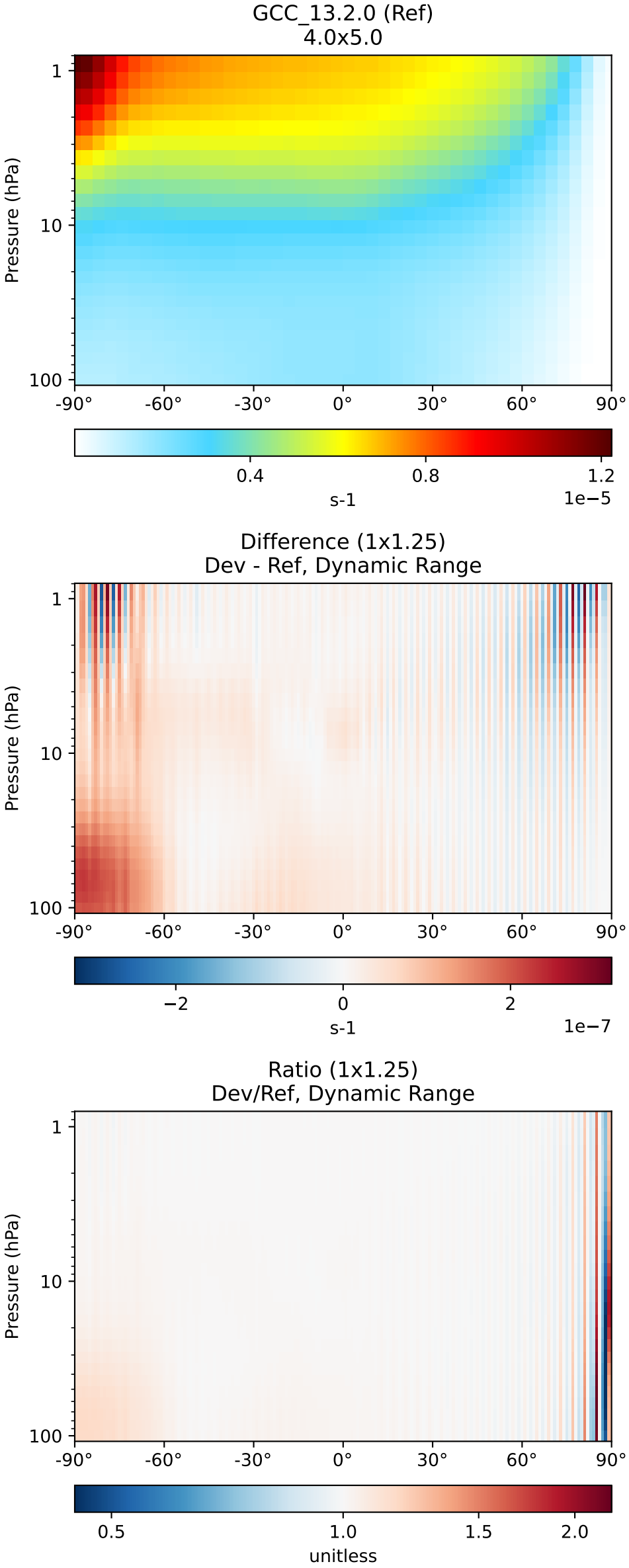


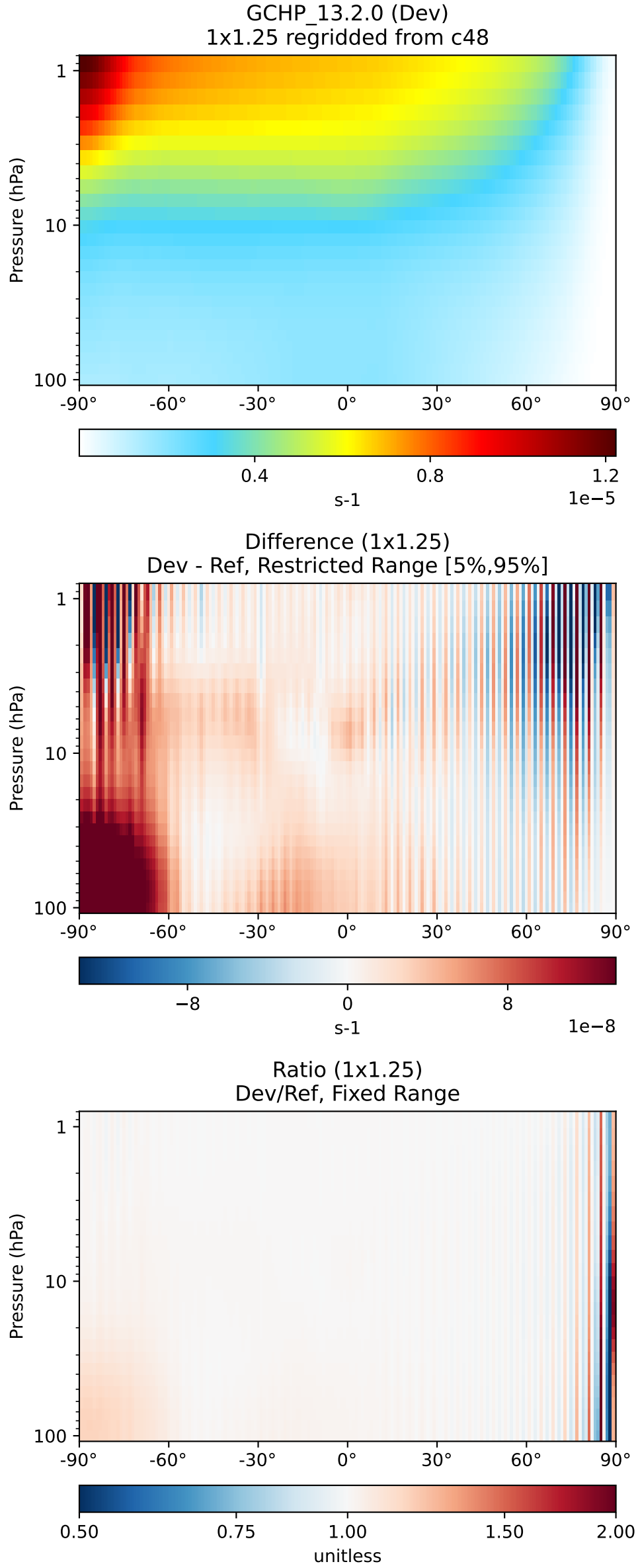
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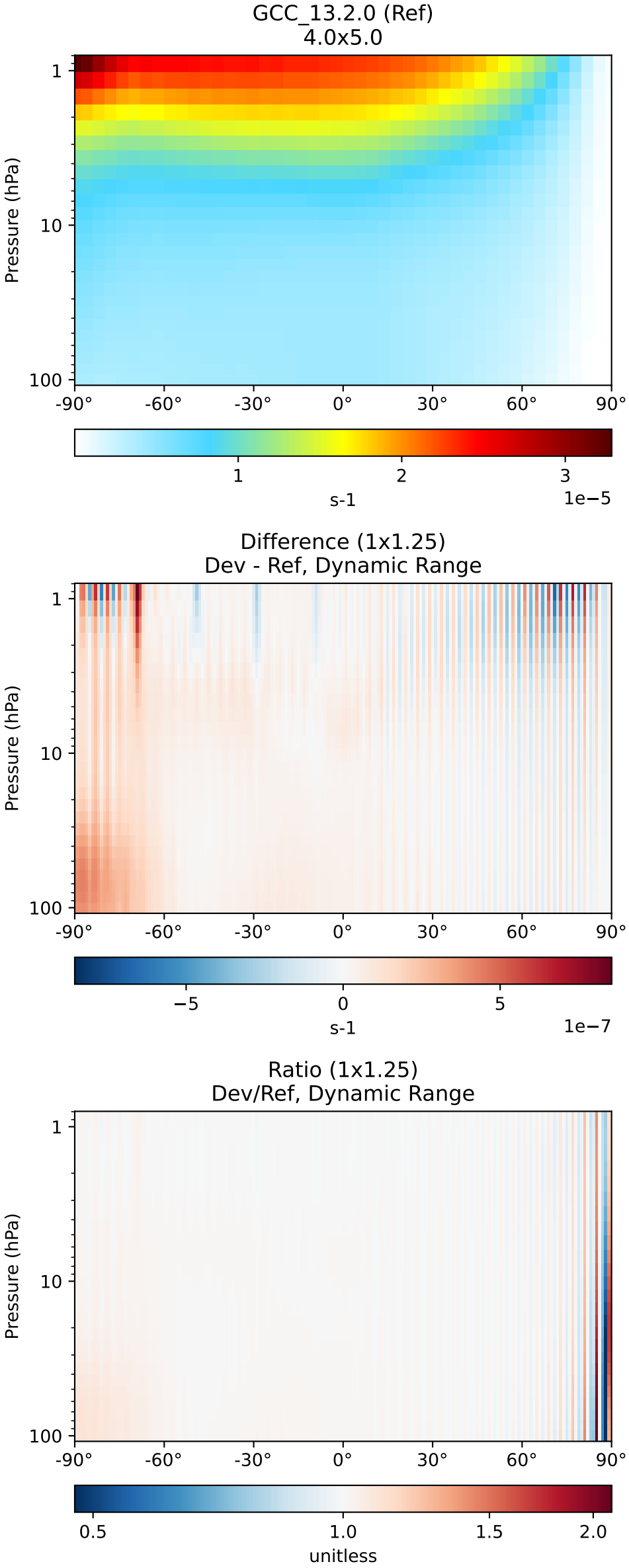


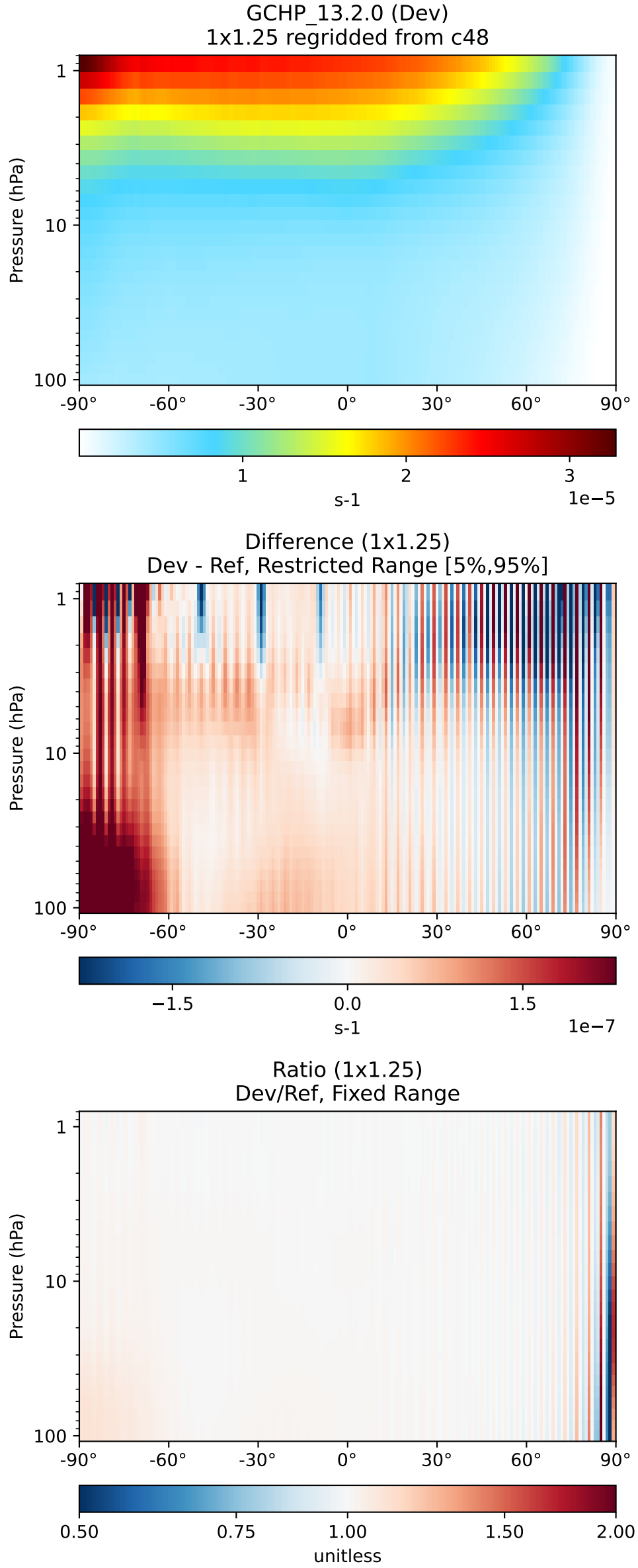
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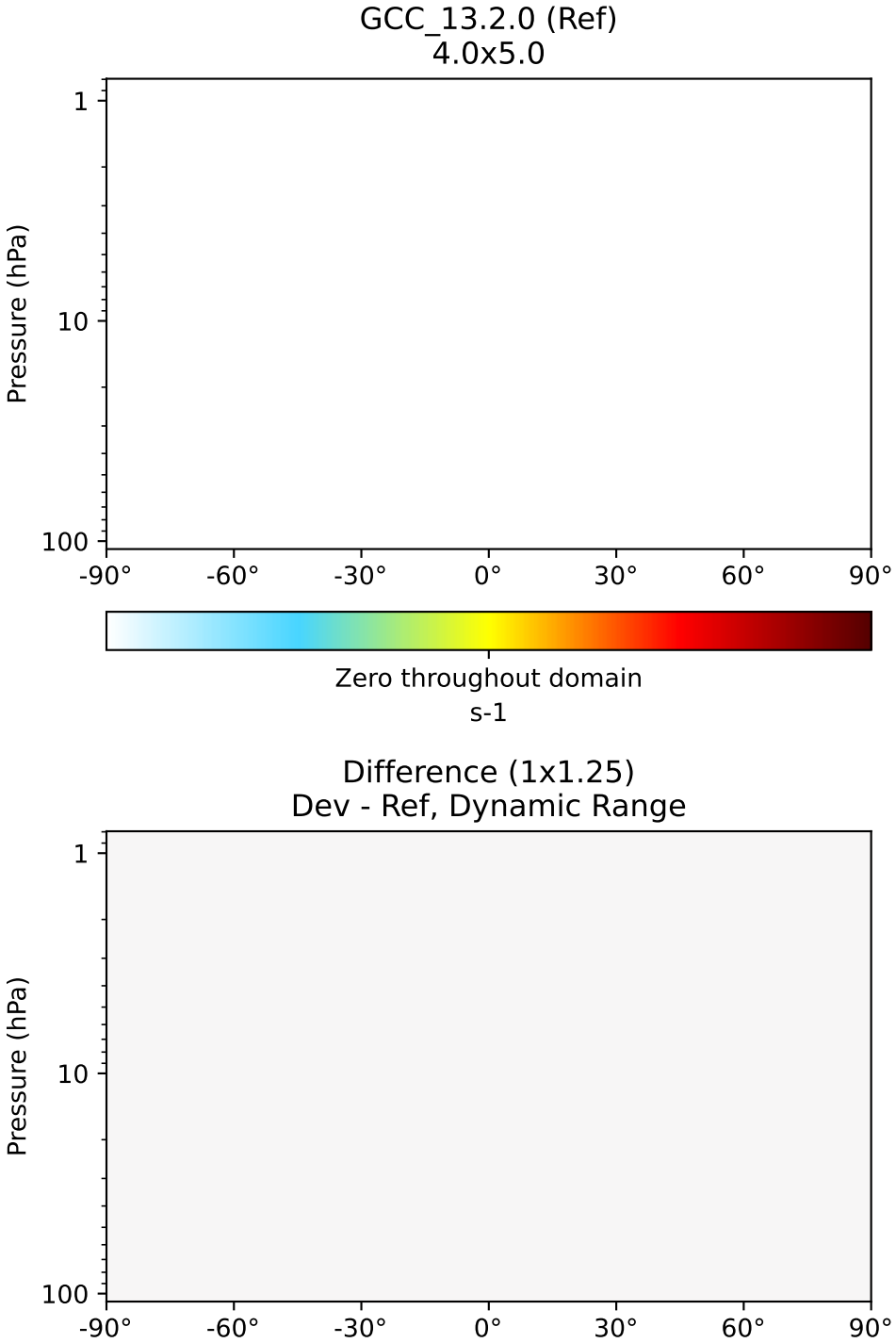


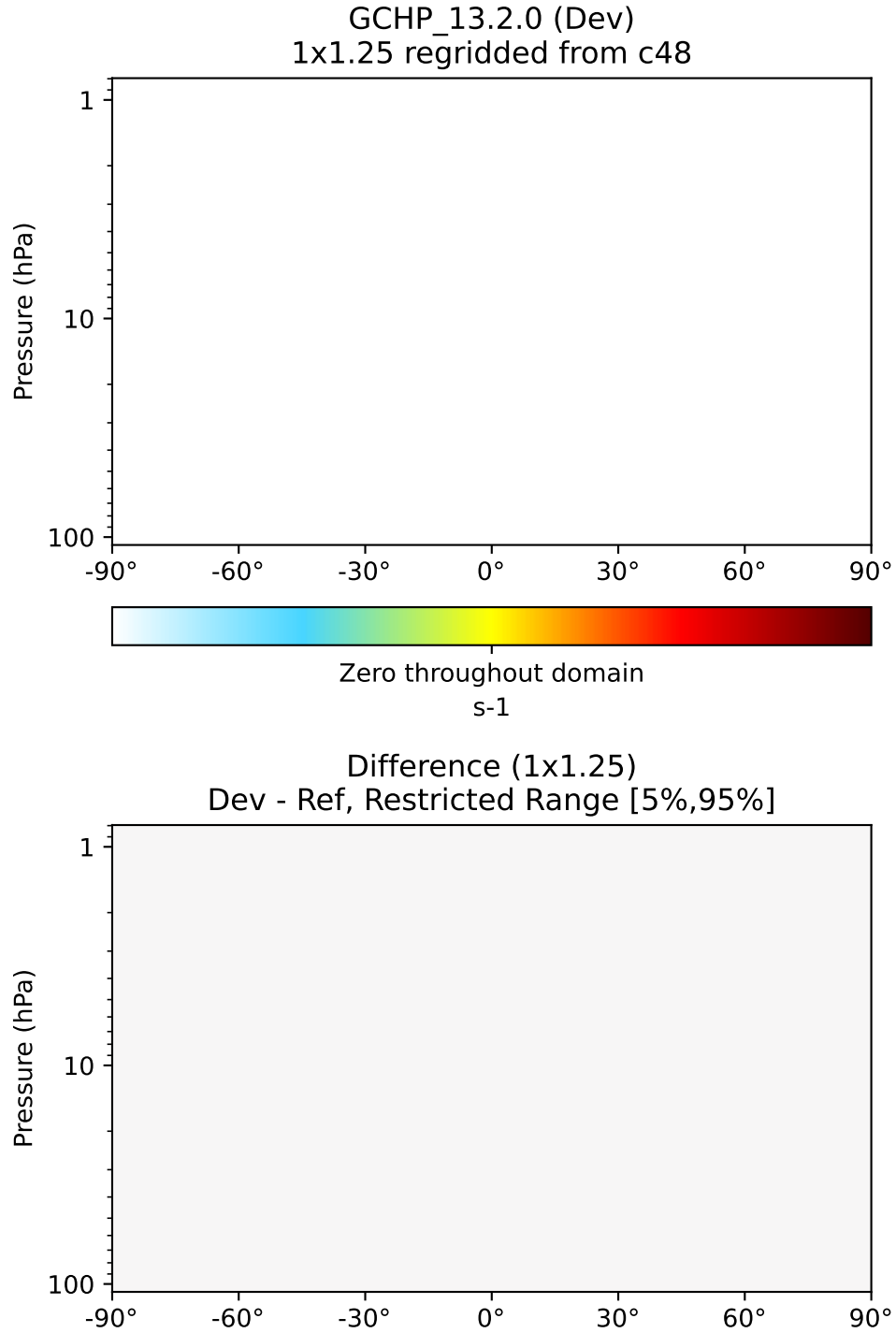
Jval_MP, Zonal Mean (Oct2019)

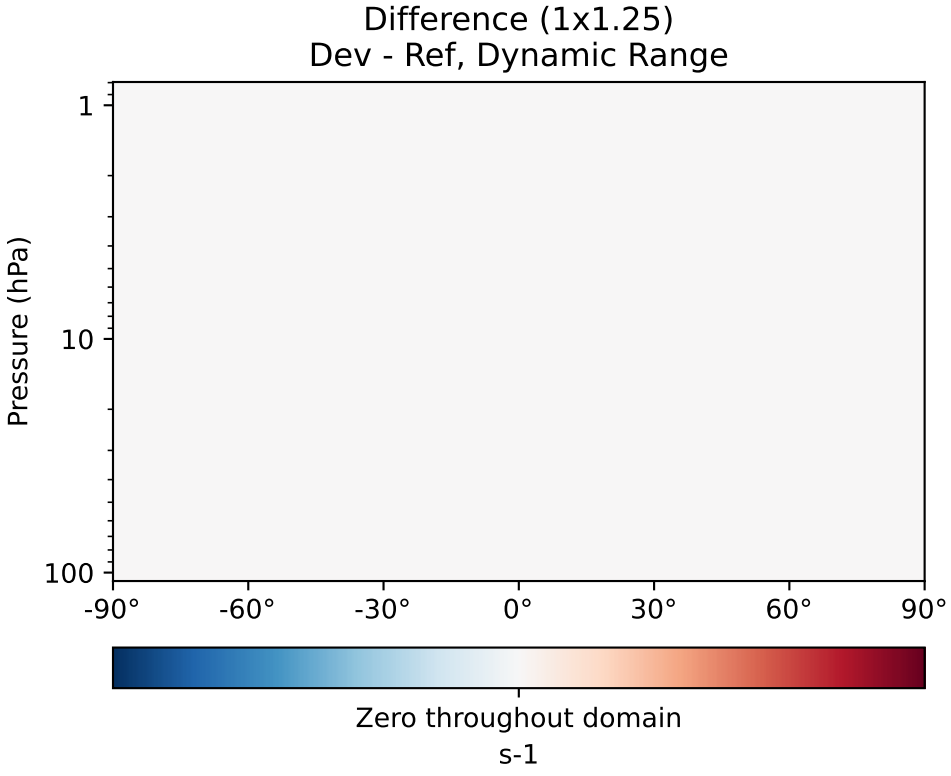


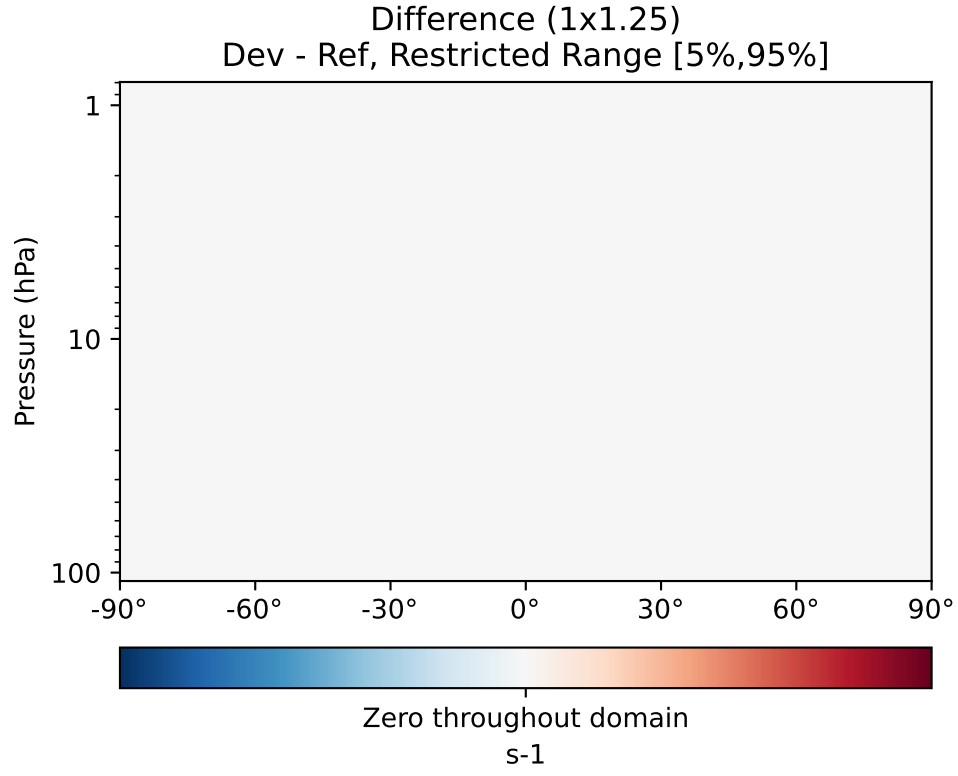


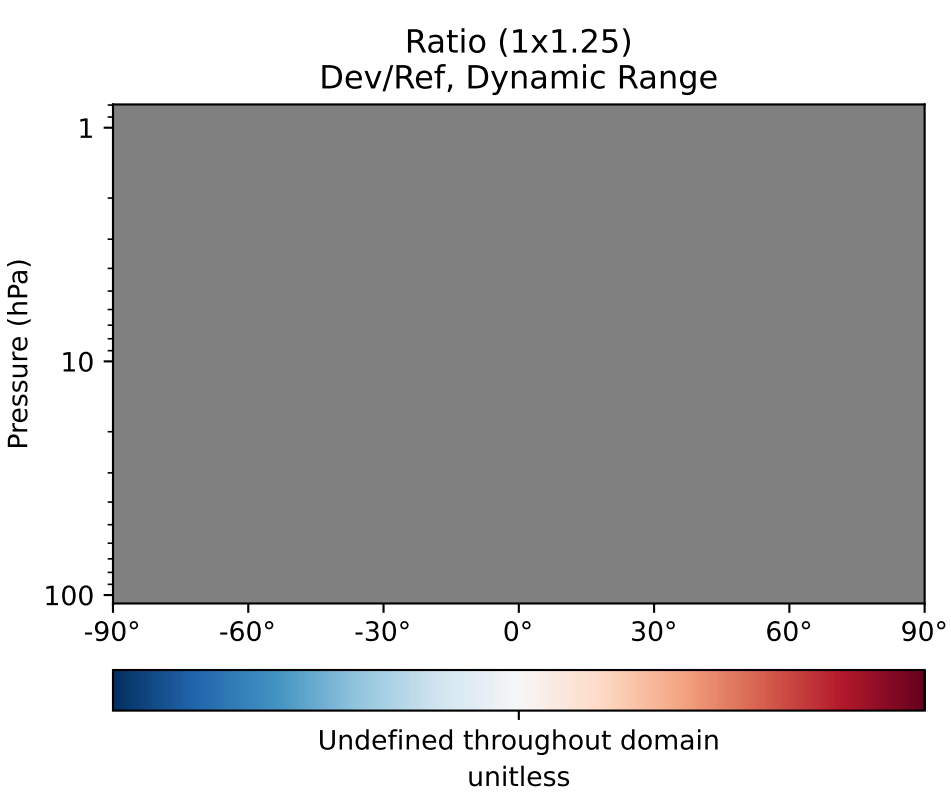
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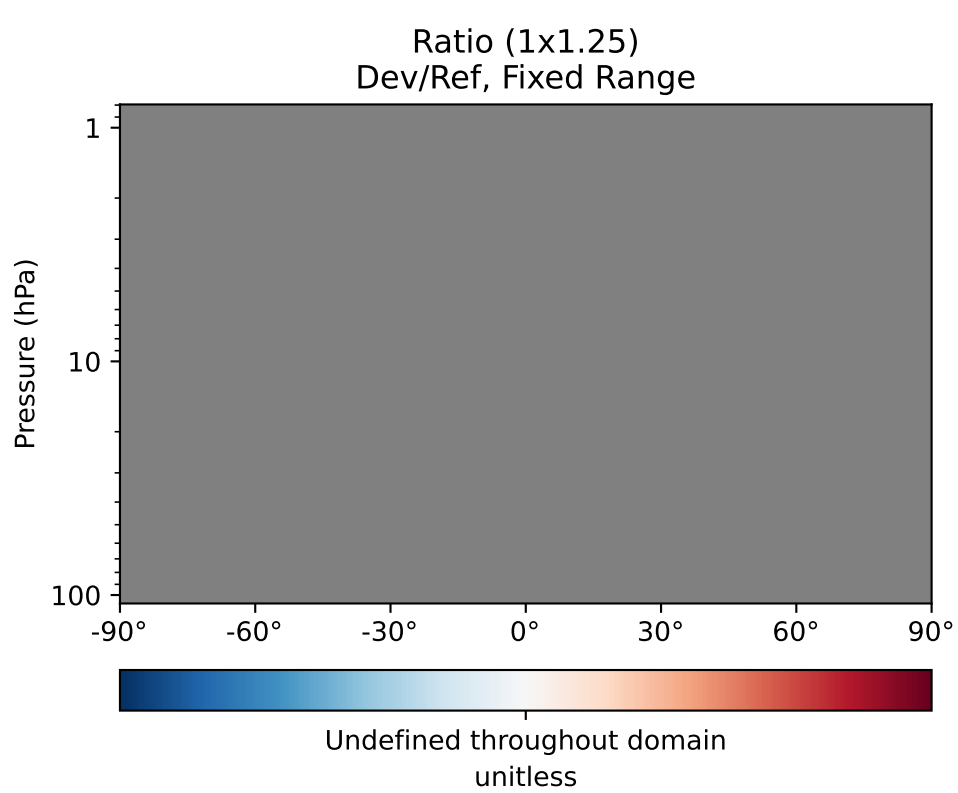




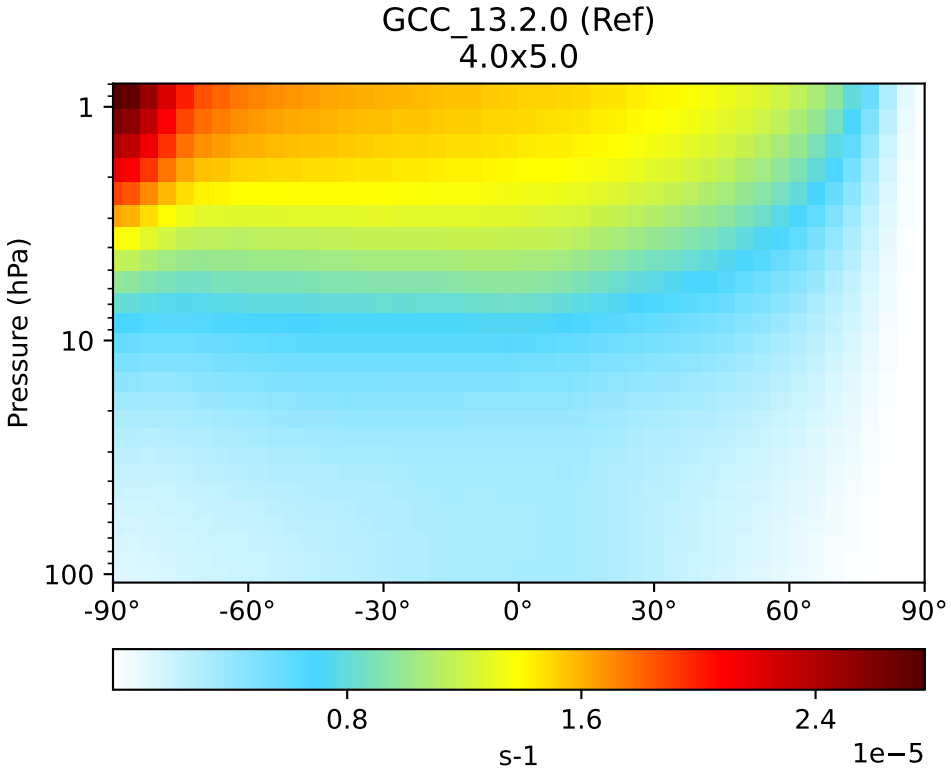


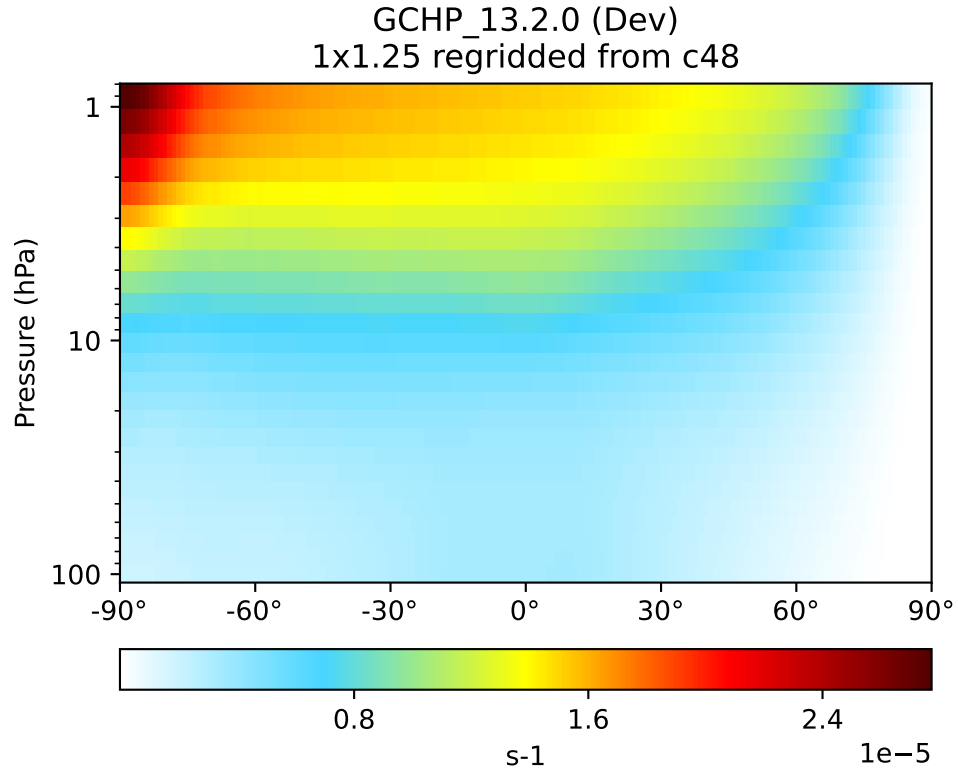


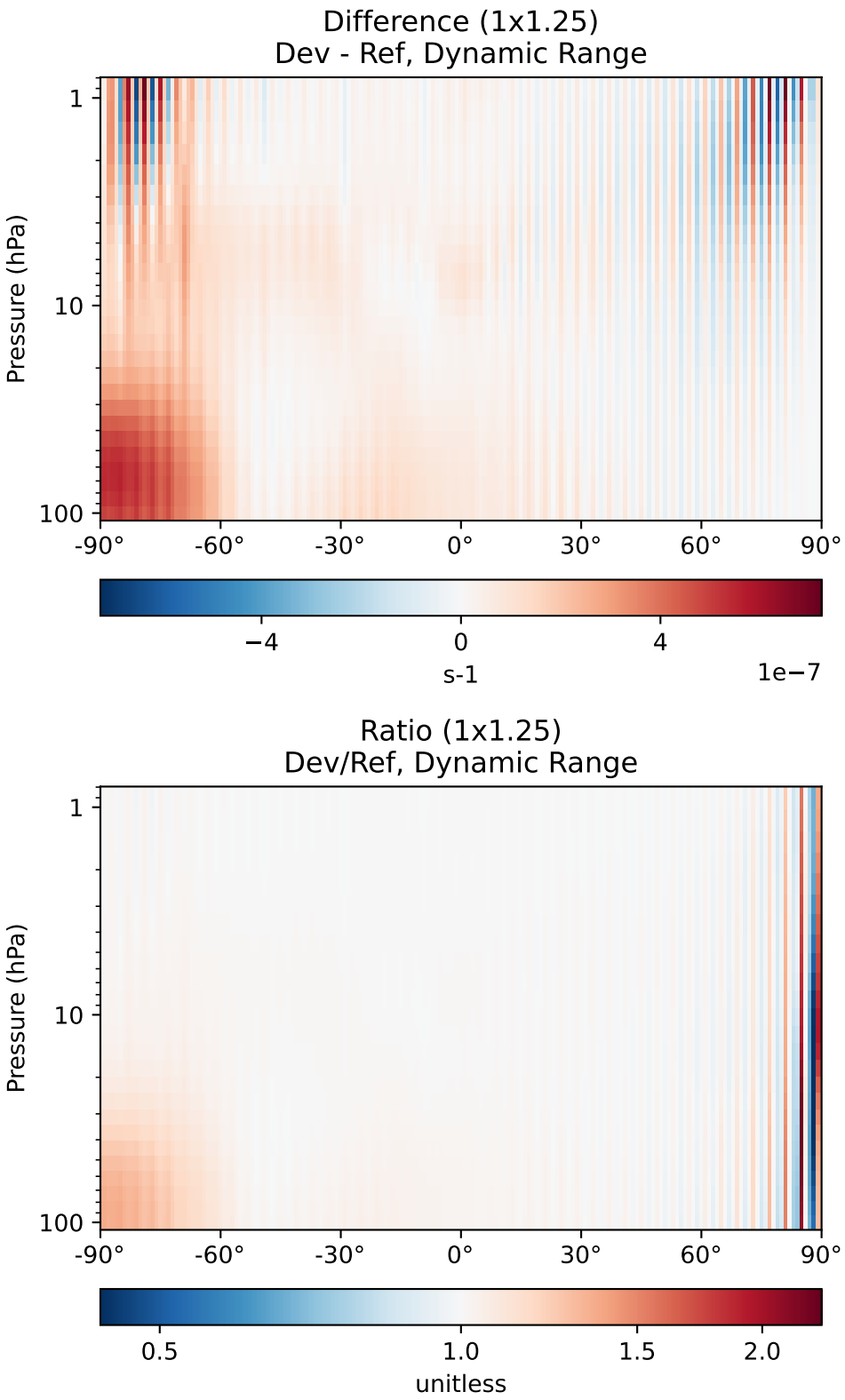


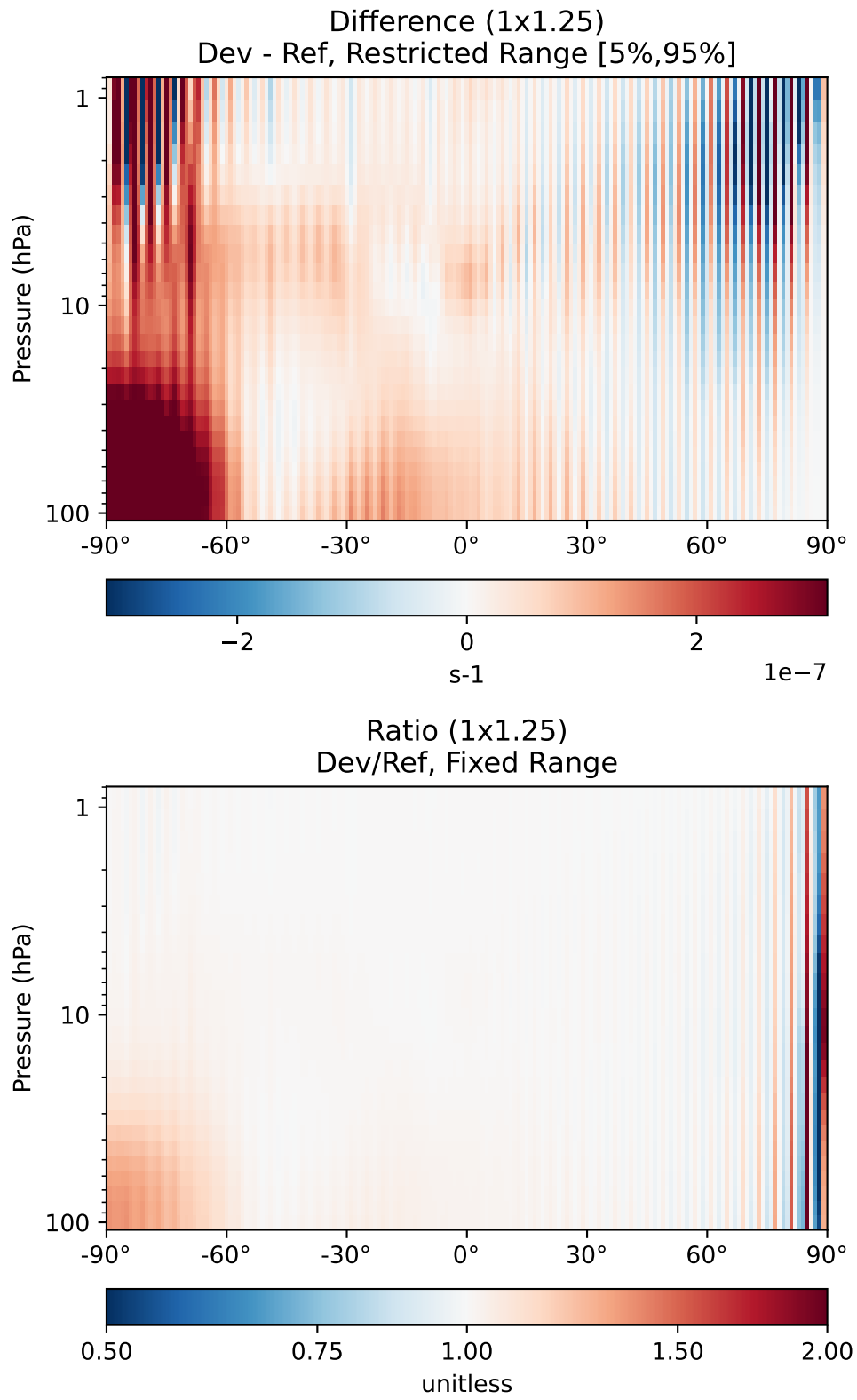


Jval_MPN, Zonal Mean (Oct2019)

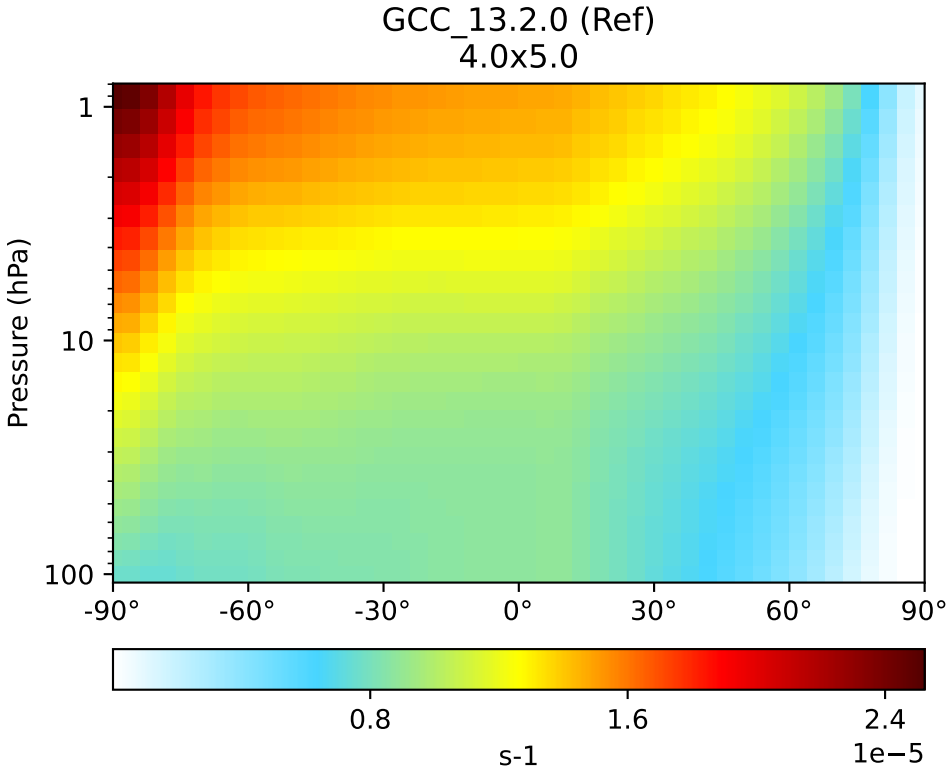


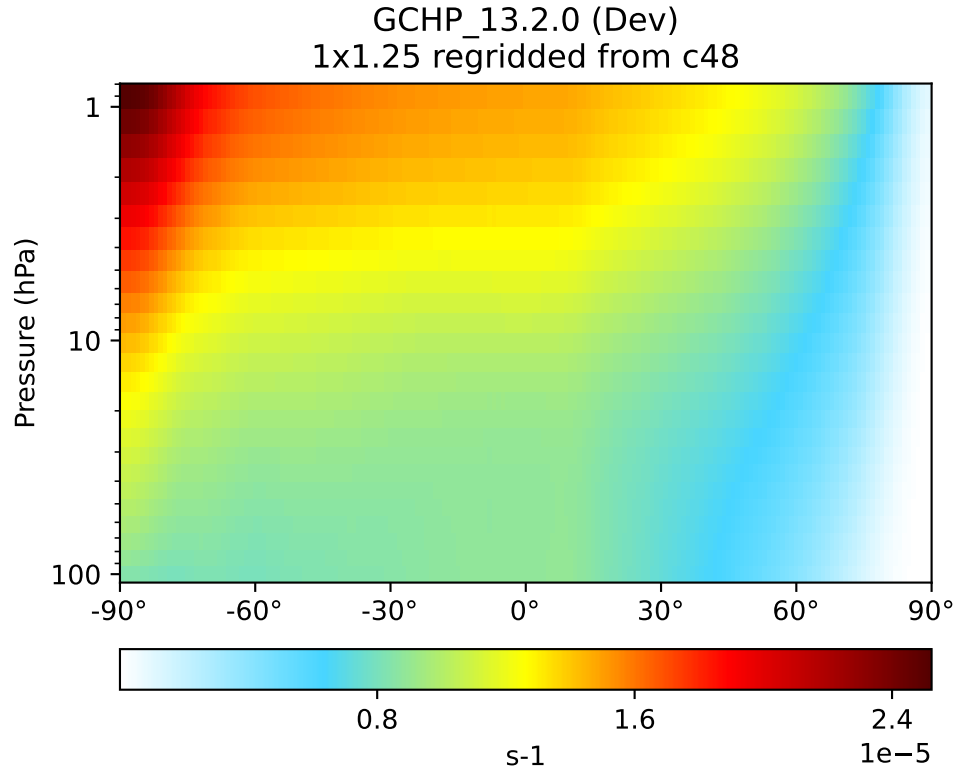


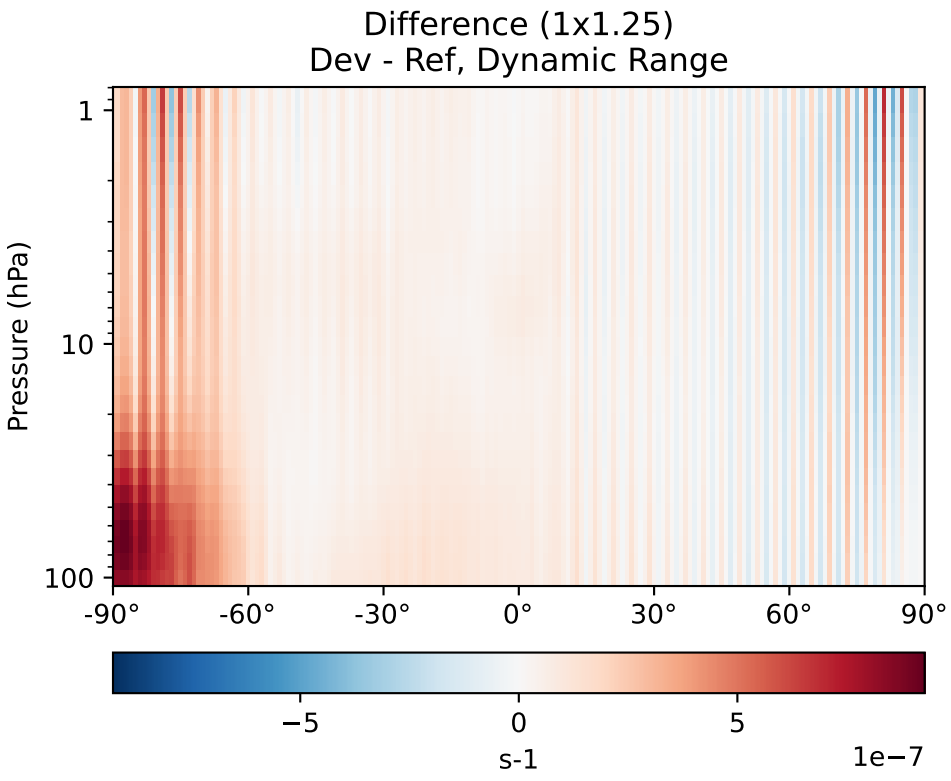


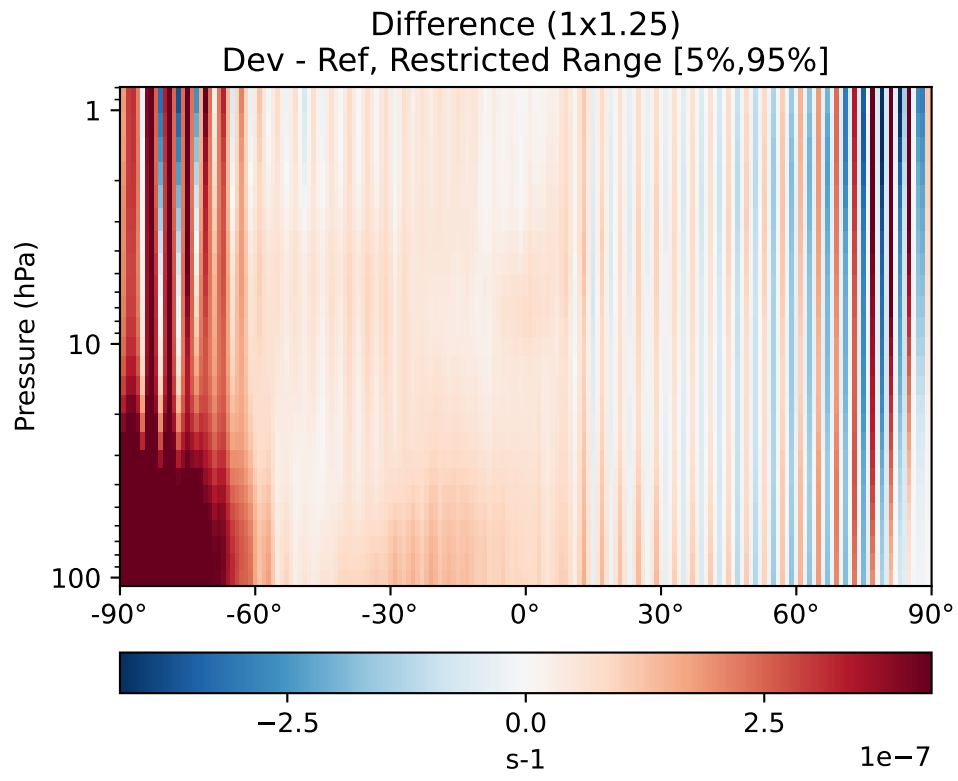


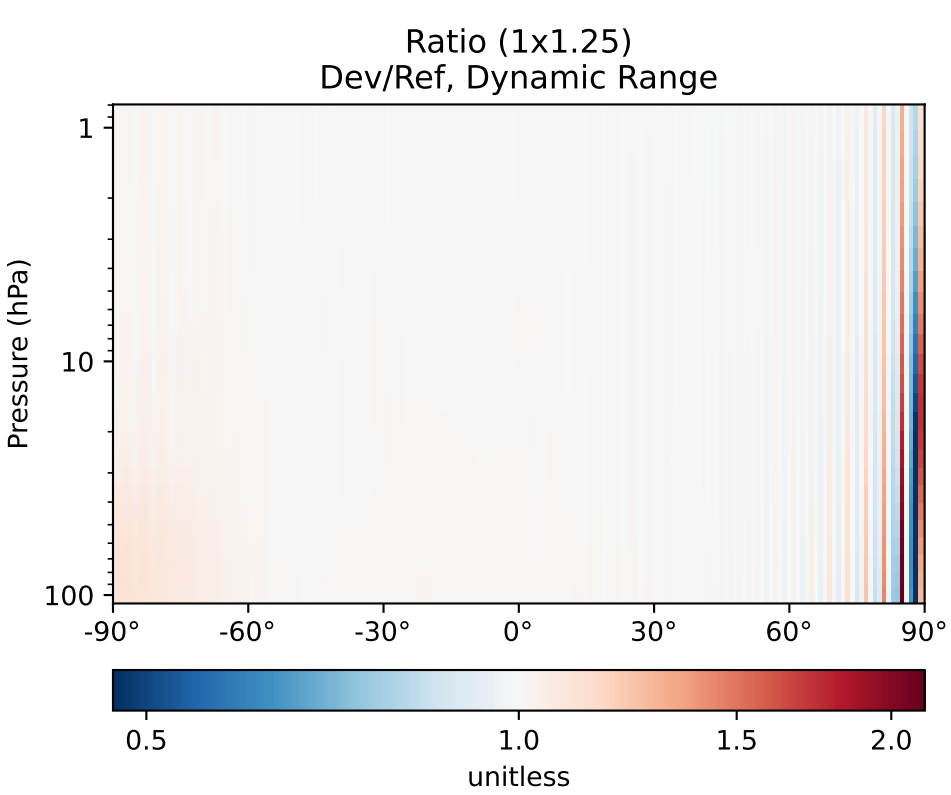
Jval_MVK, Zonal Mean (Oct2019)

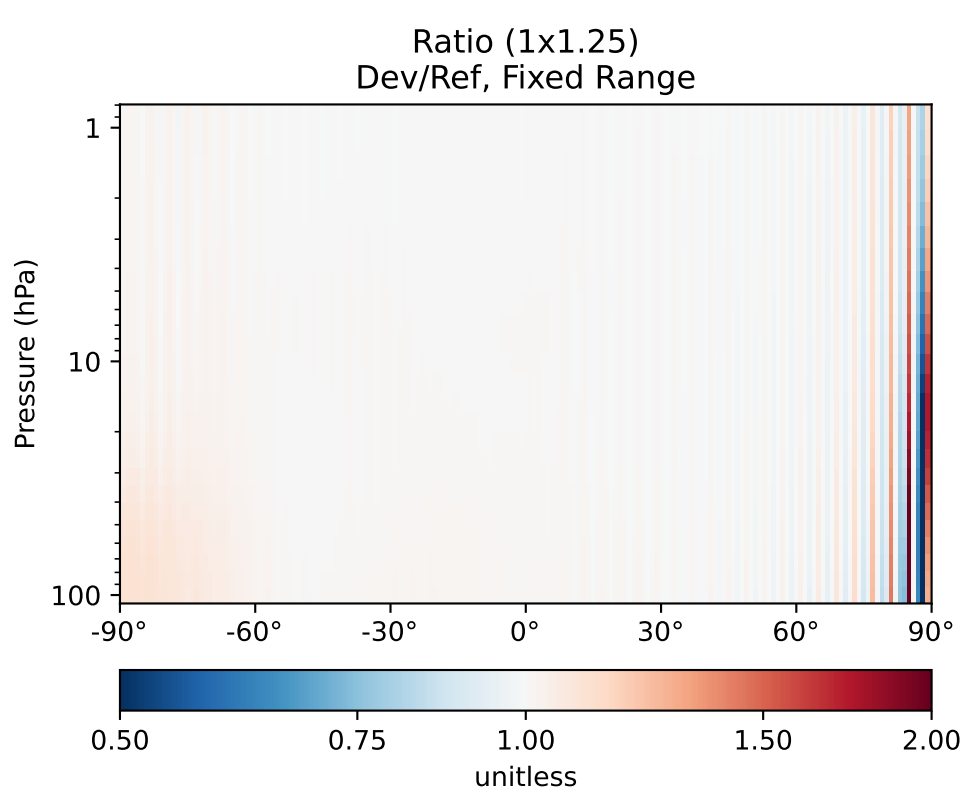




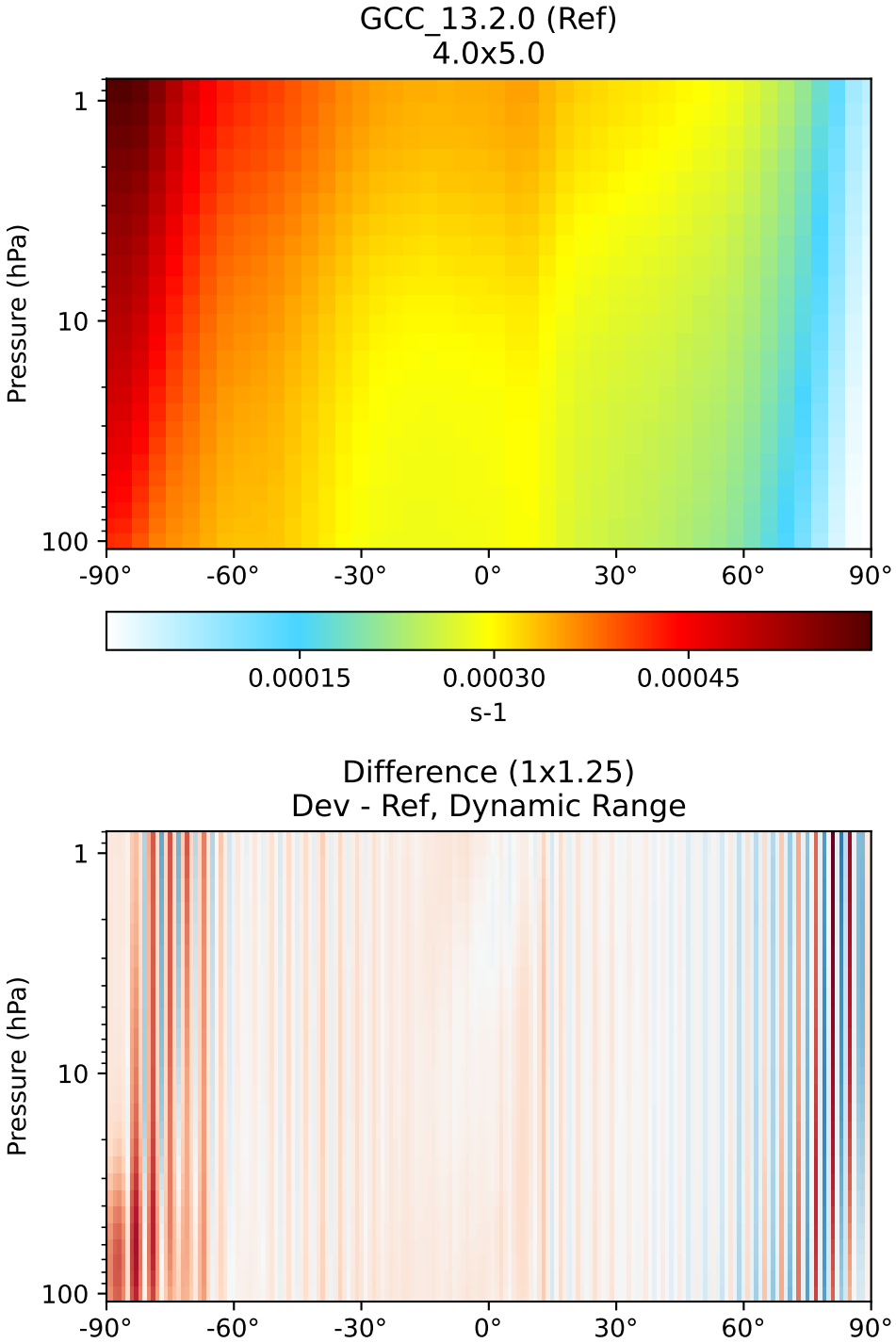


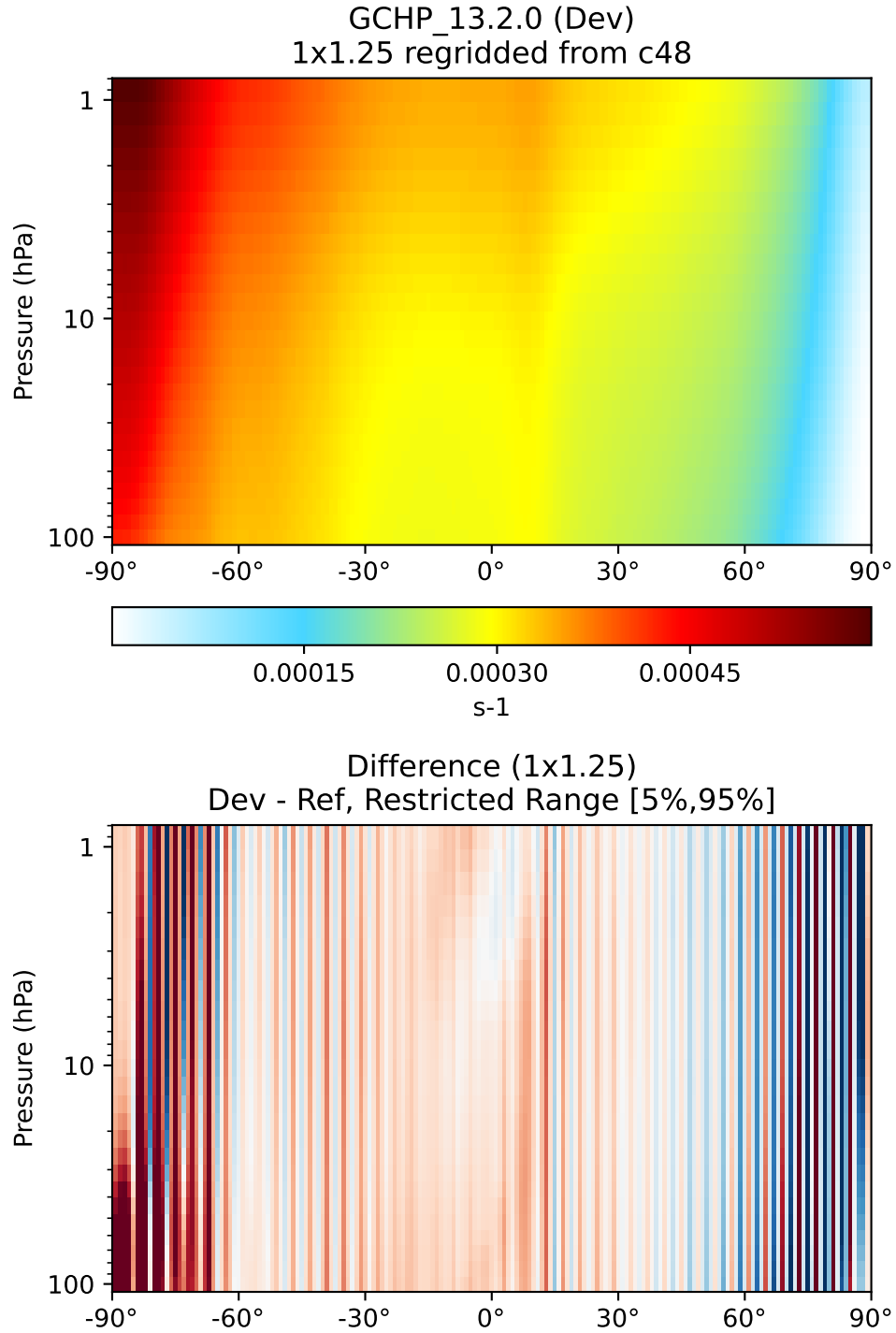


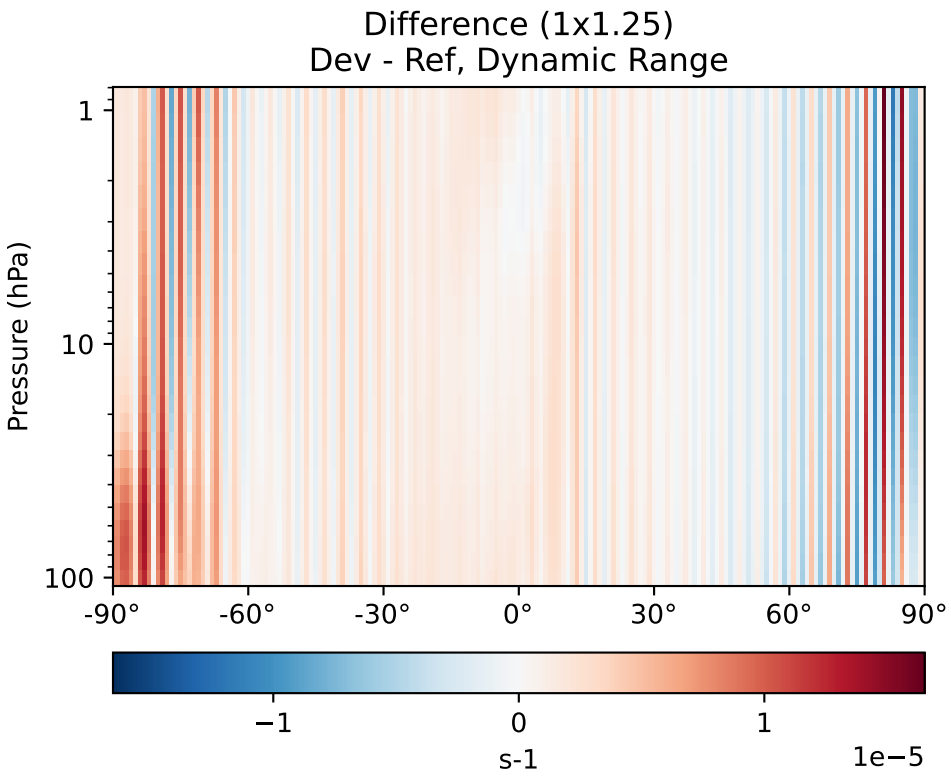


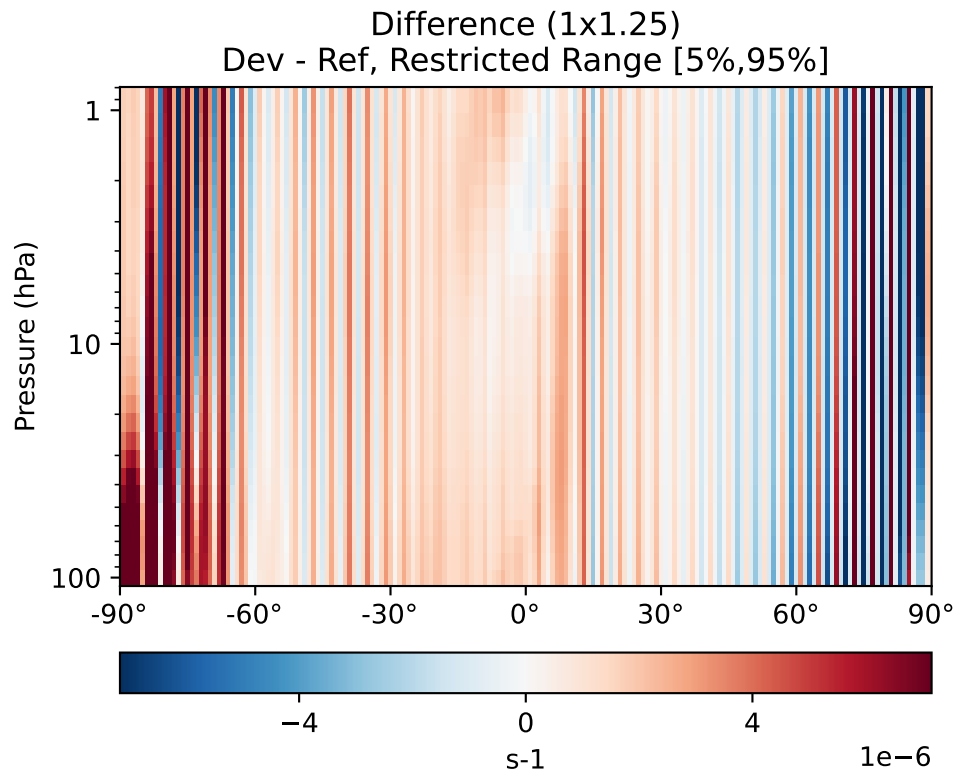


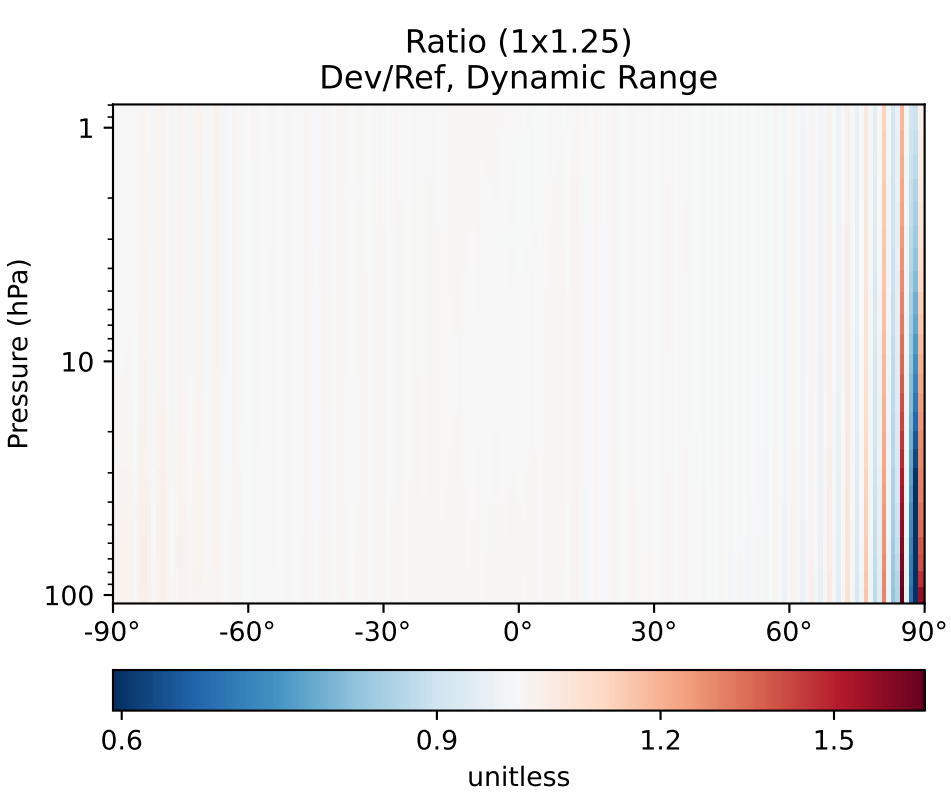
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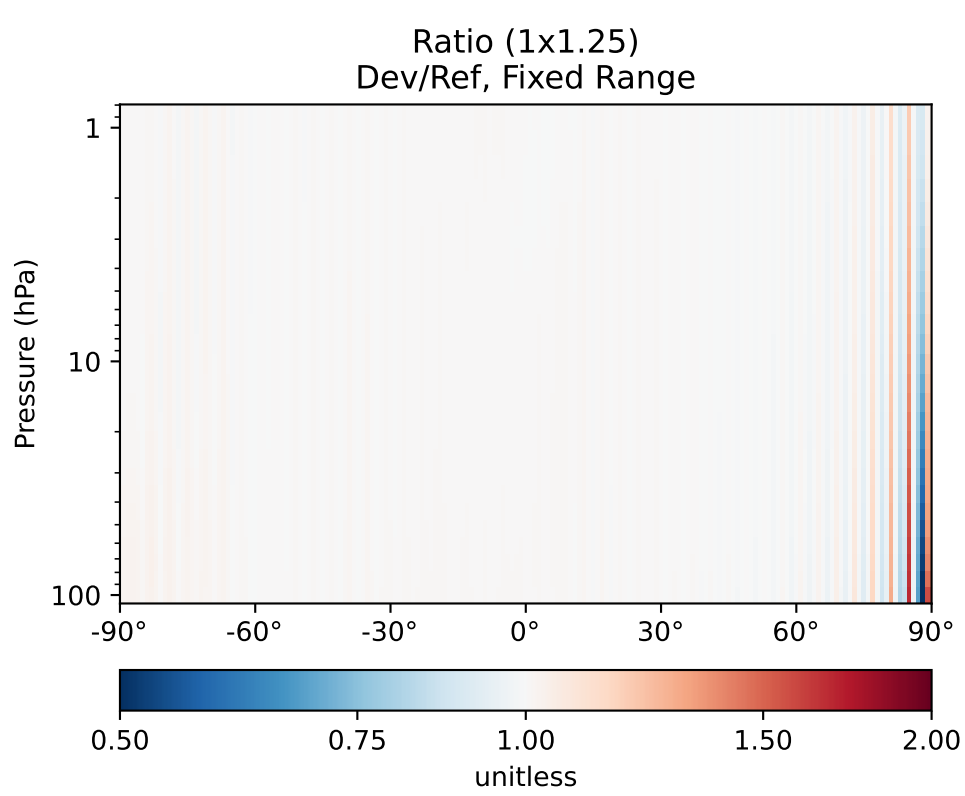




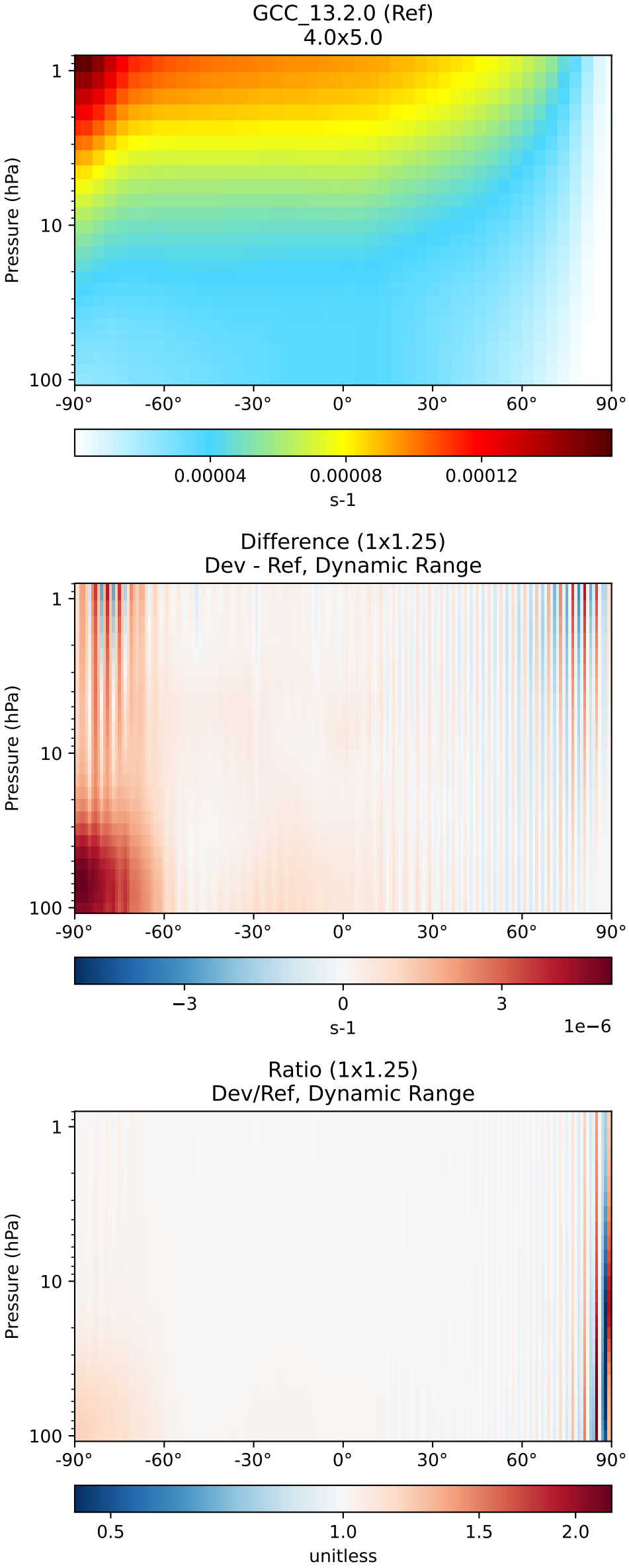


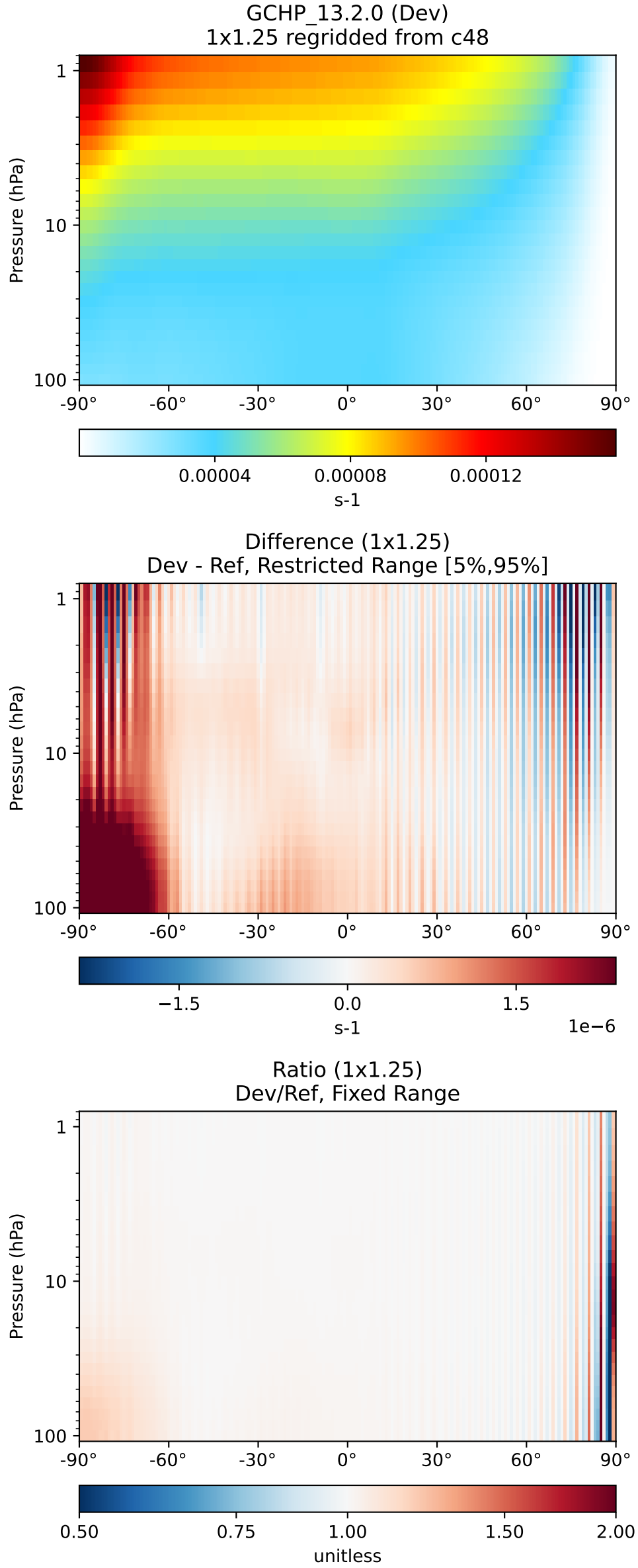




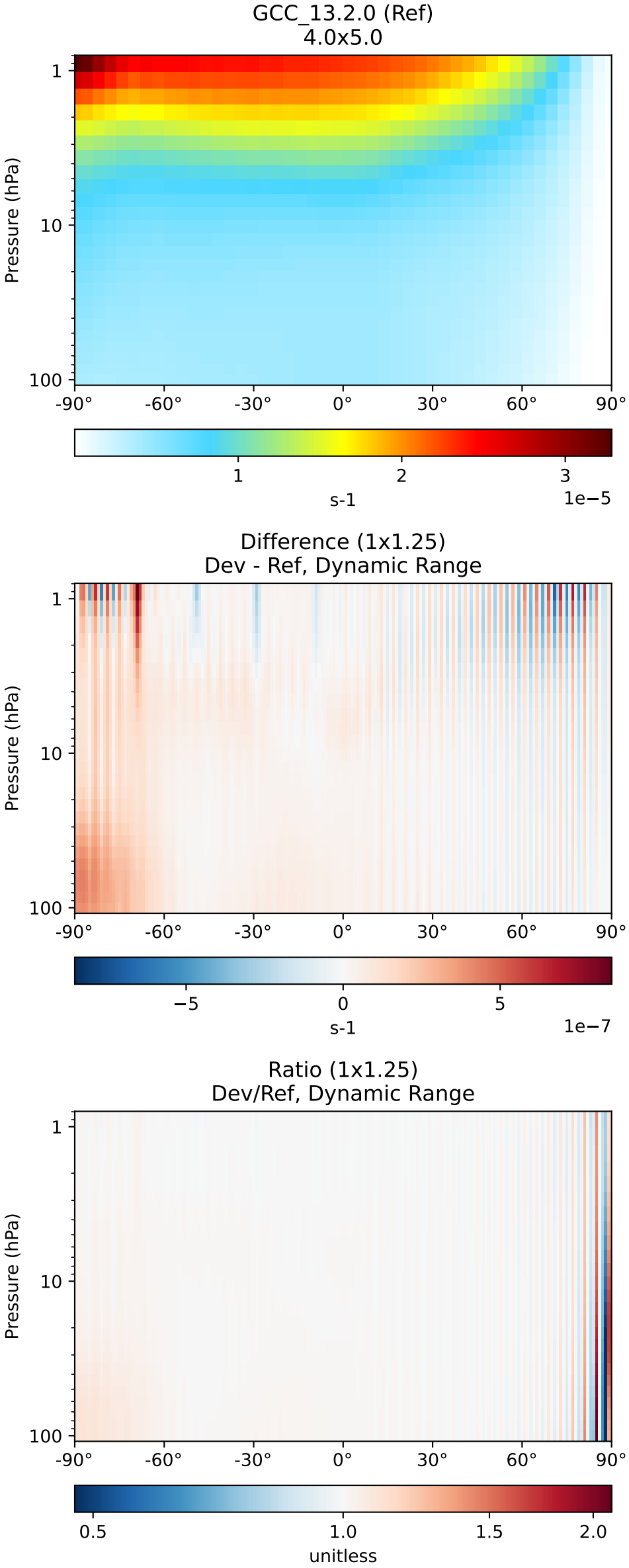


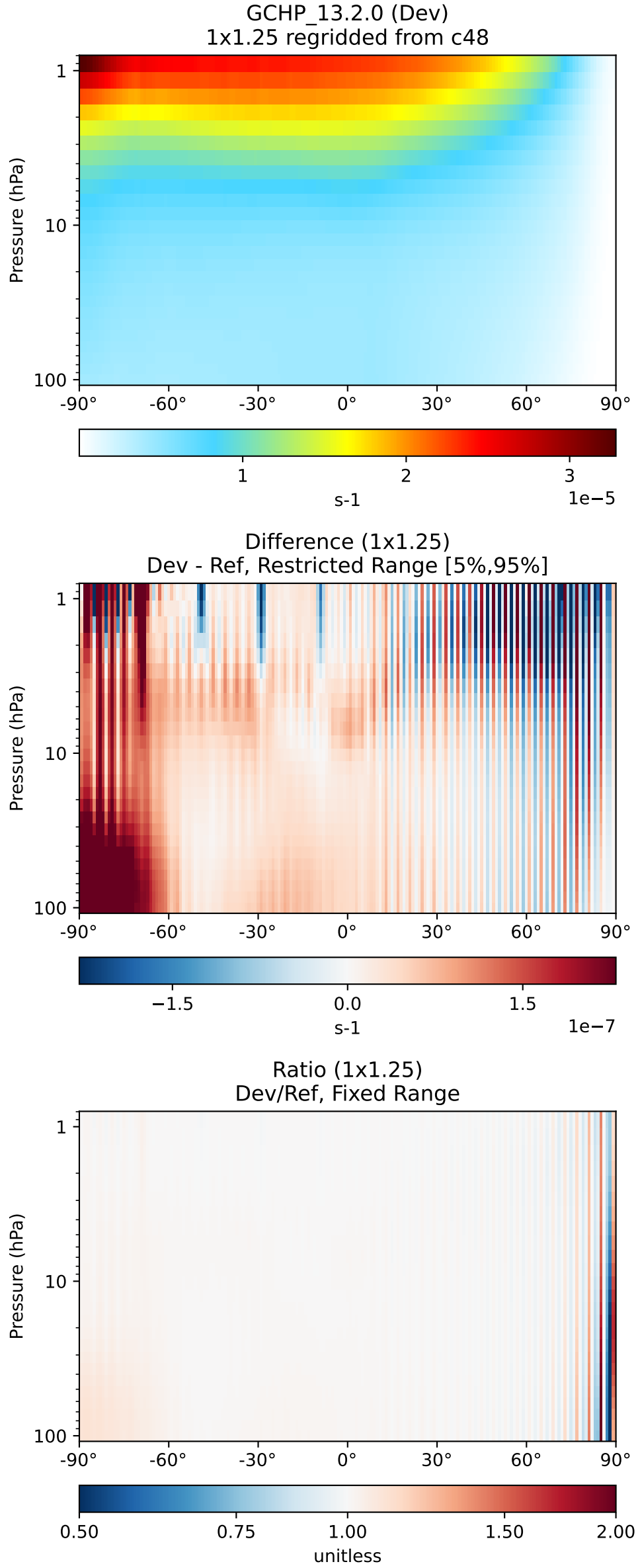
Jval_MVKHCB, Zonal Mean (Oct2019)



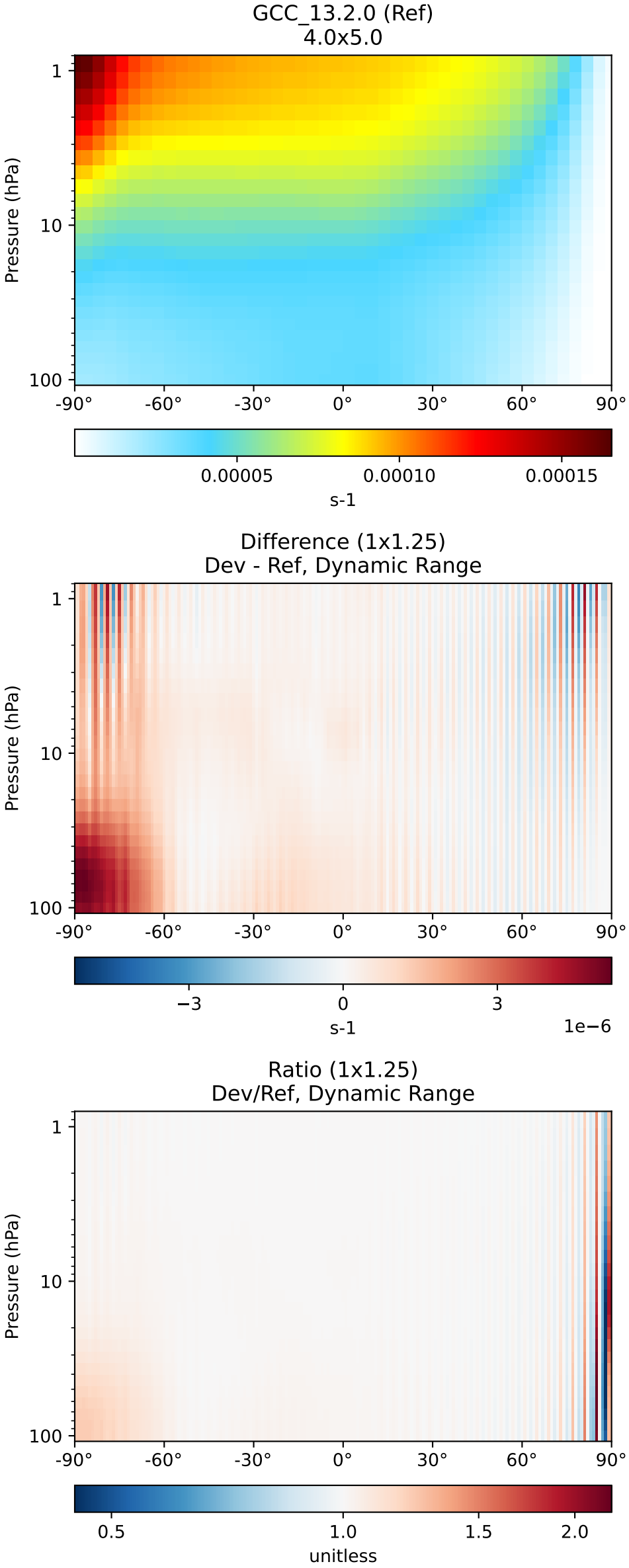


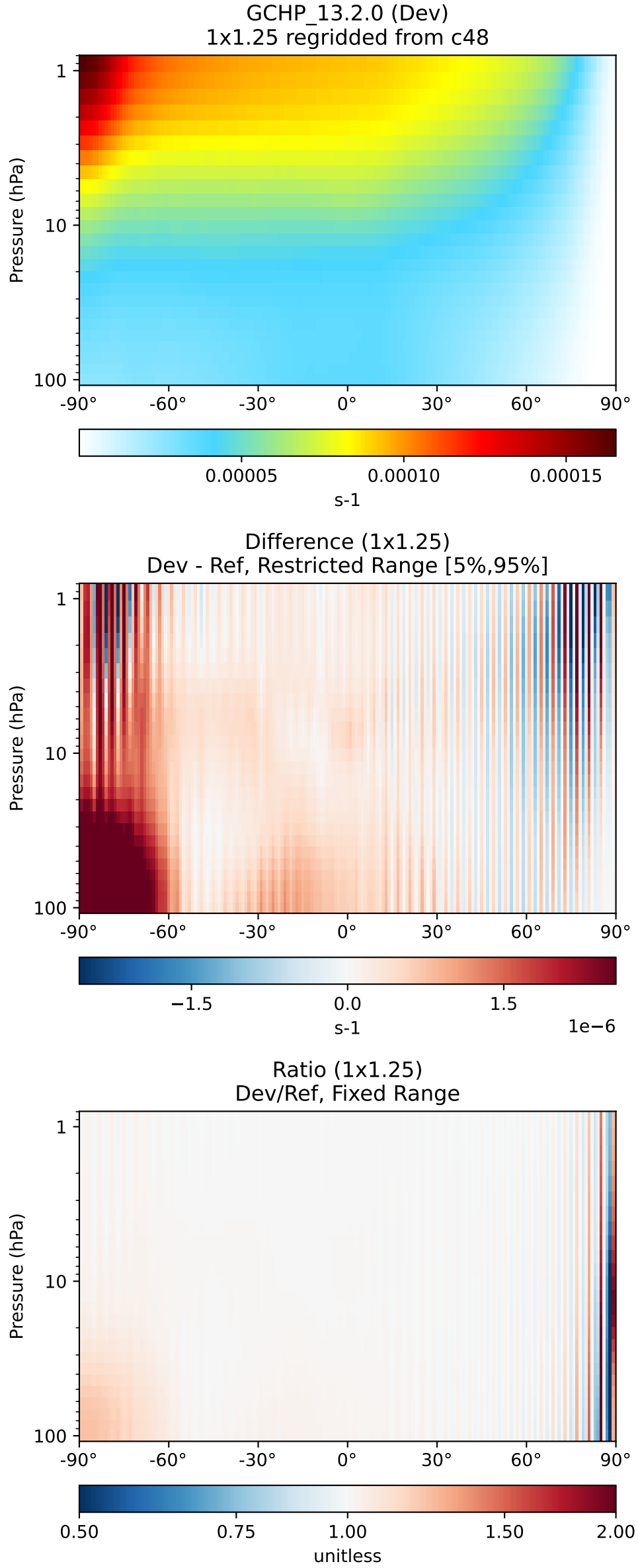
Jval_MVKHP, Zonal Mean (Oct2019)



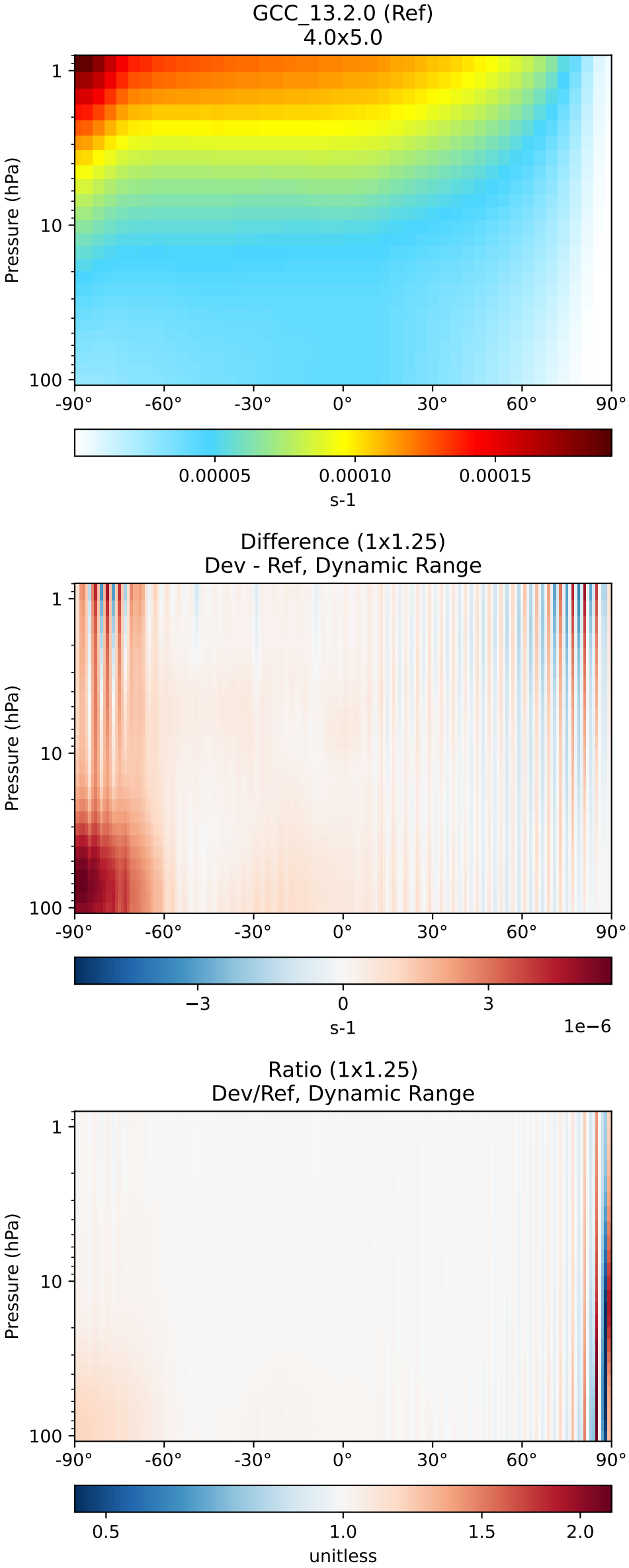


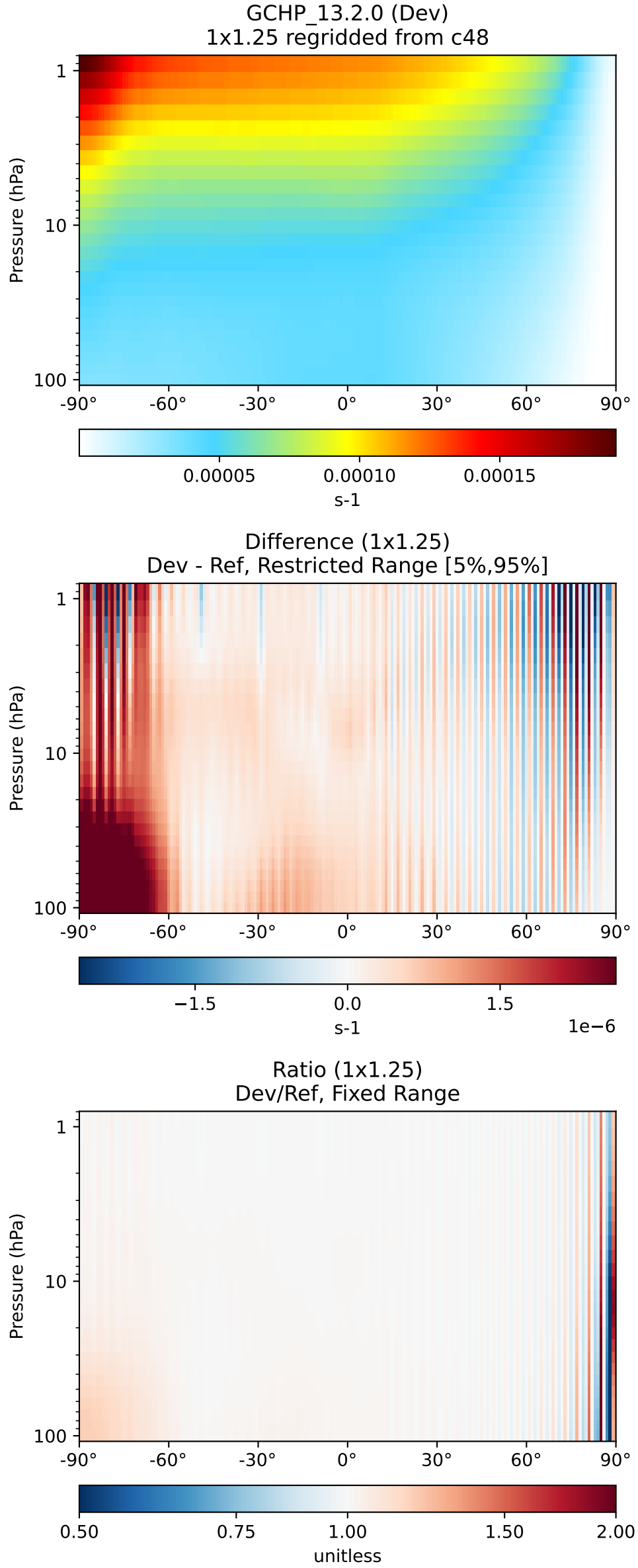
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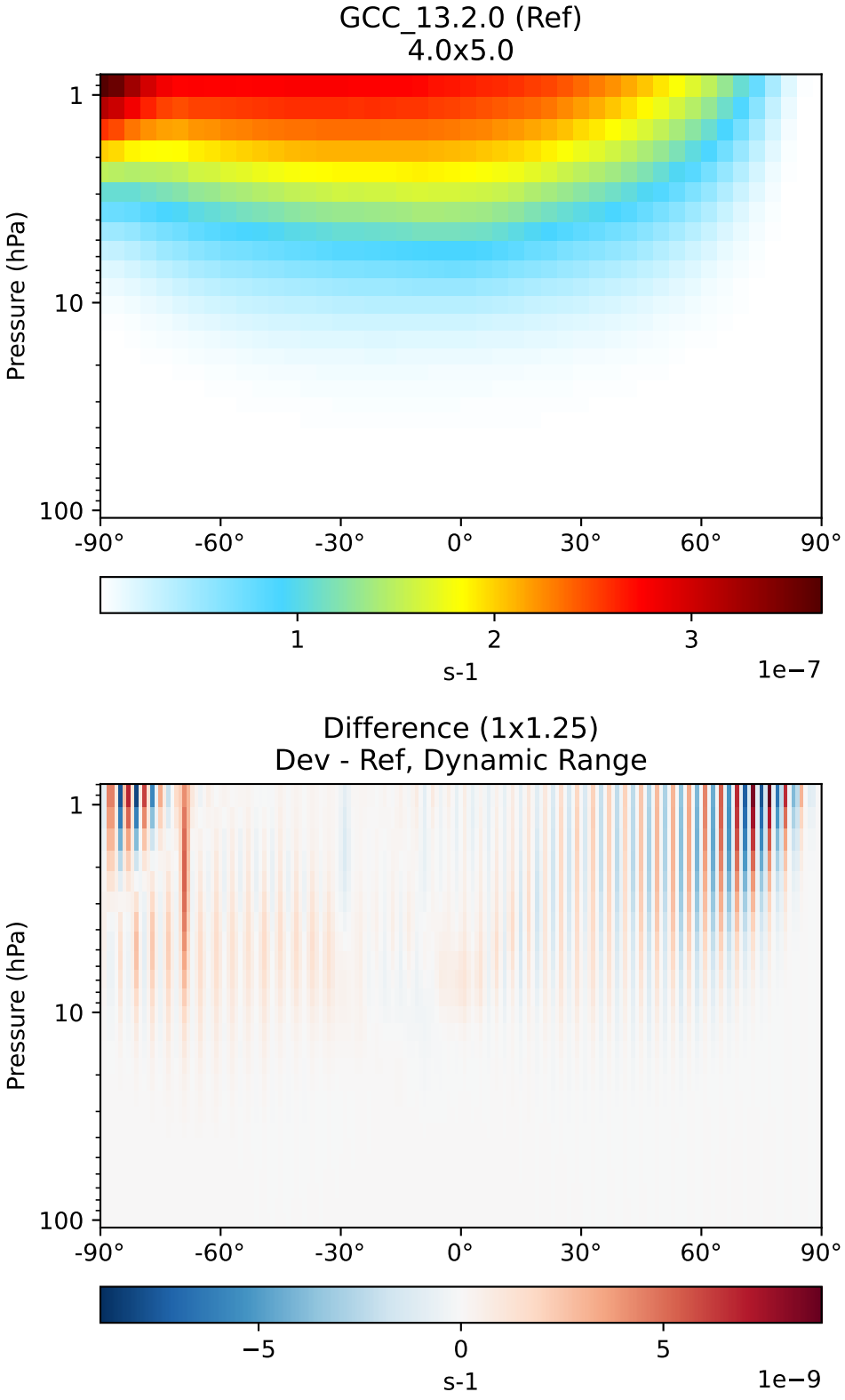


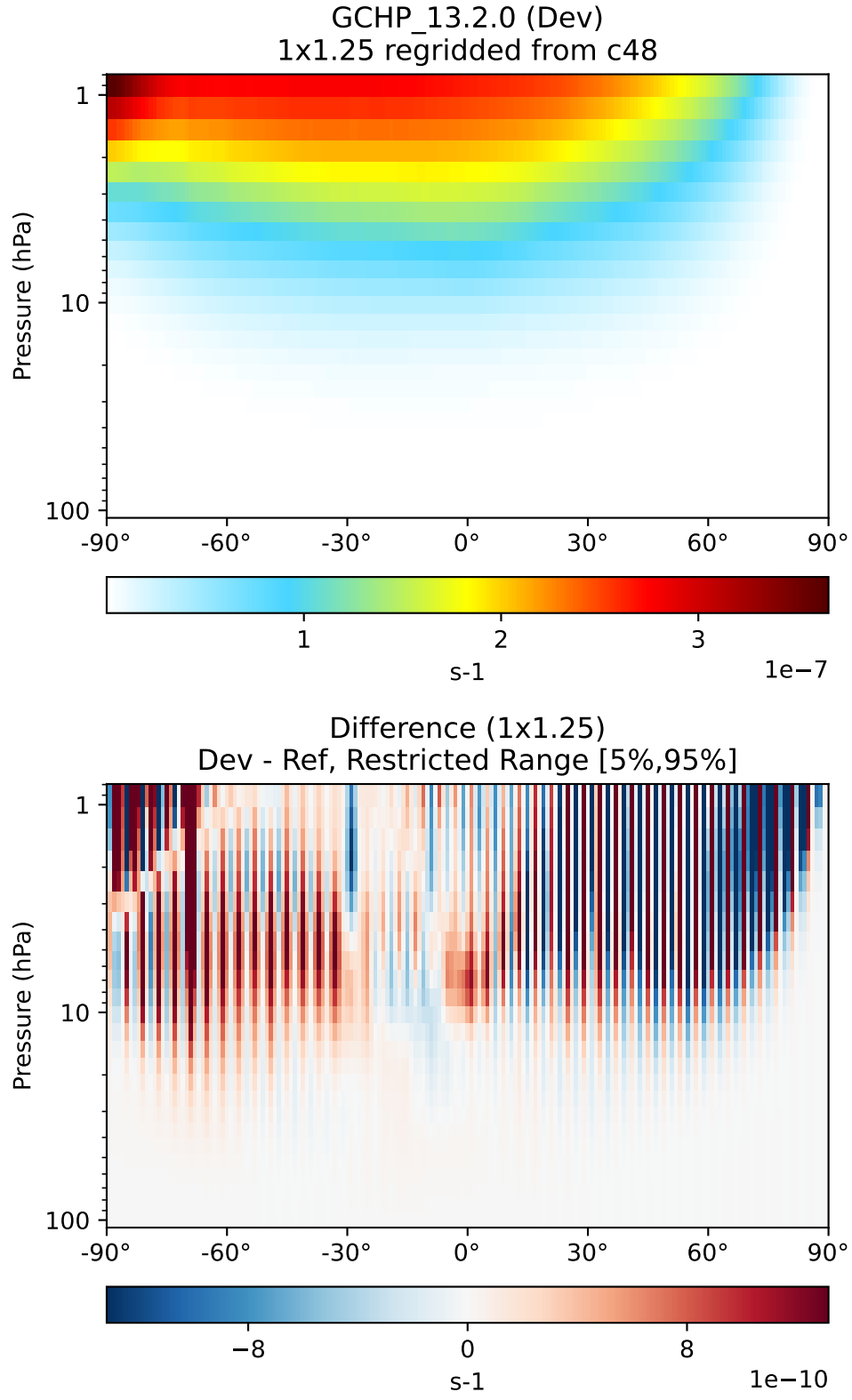
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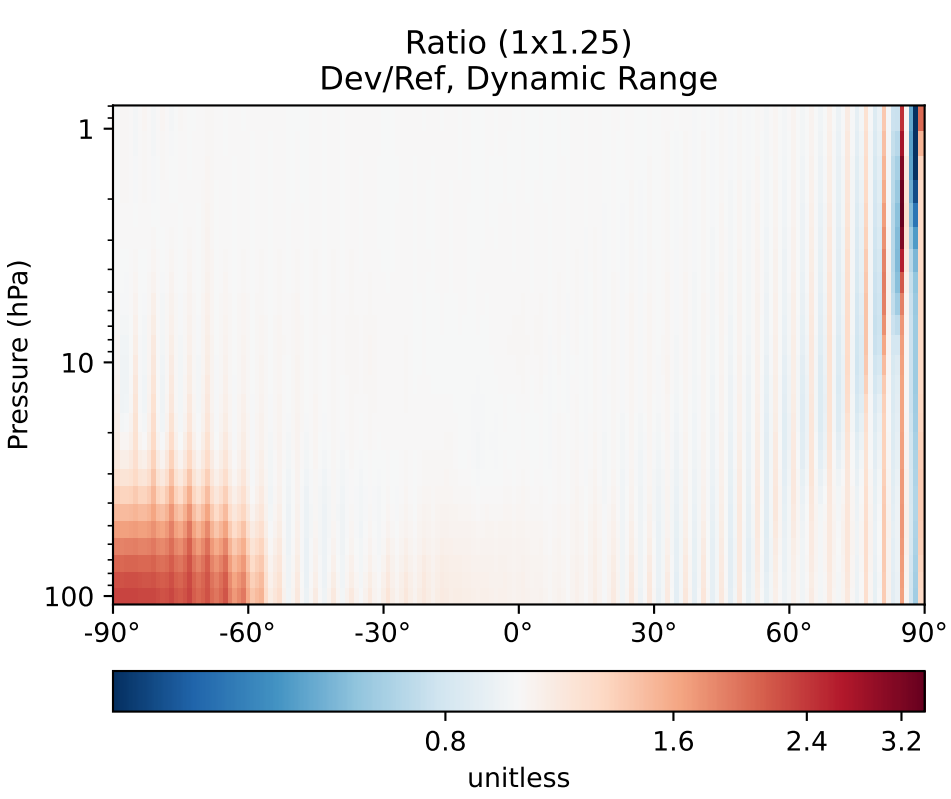


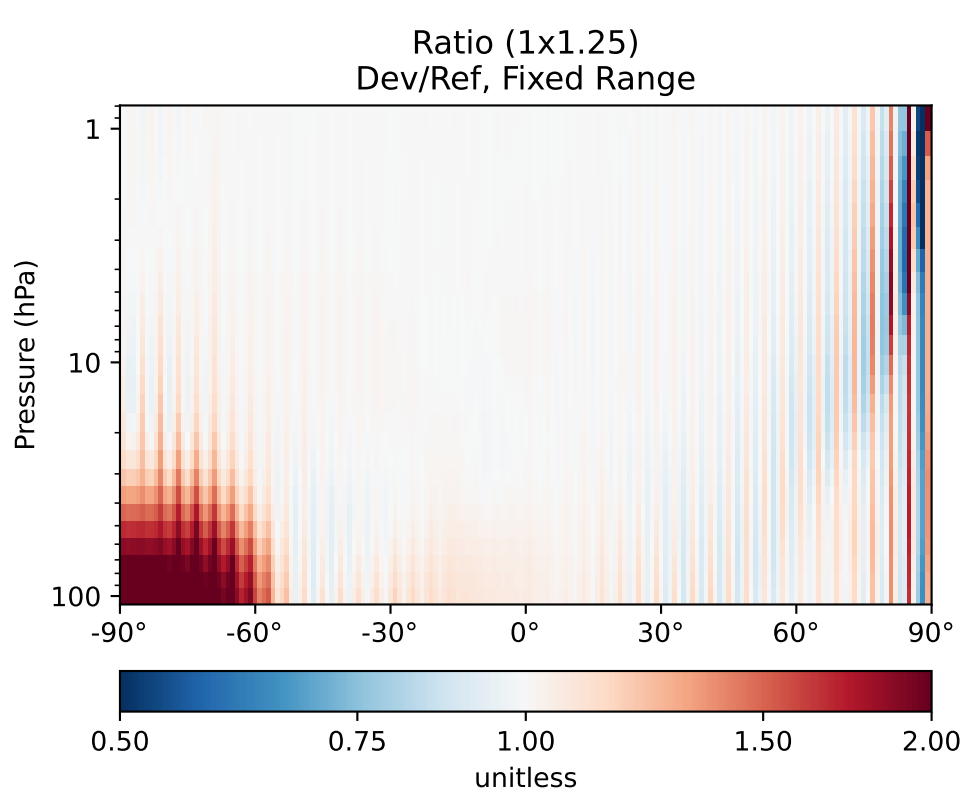


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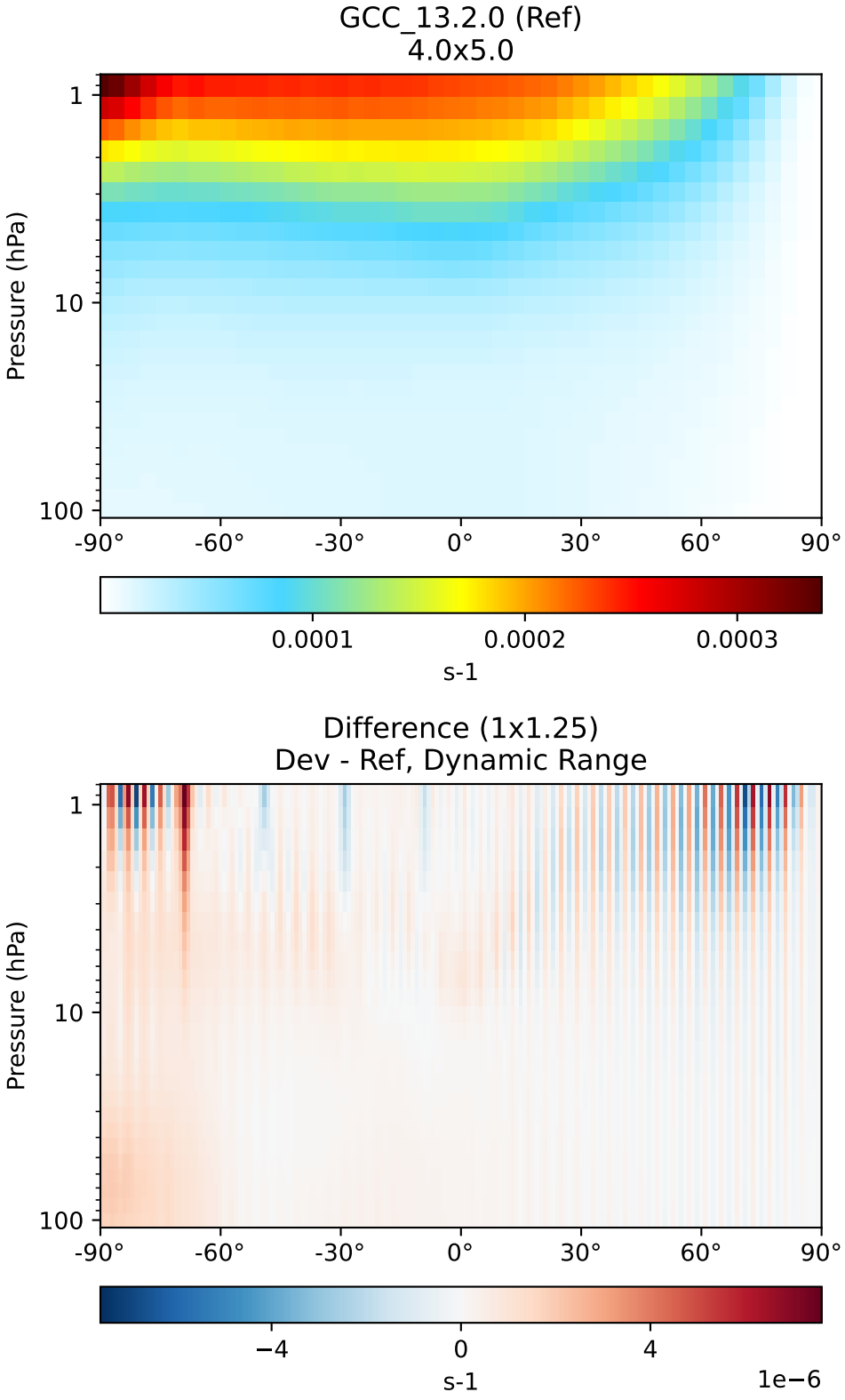


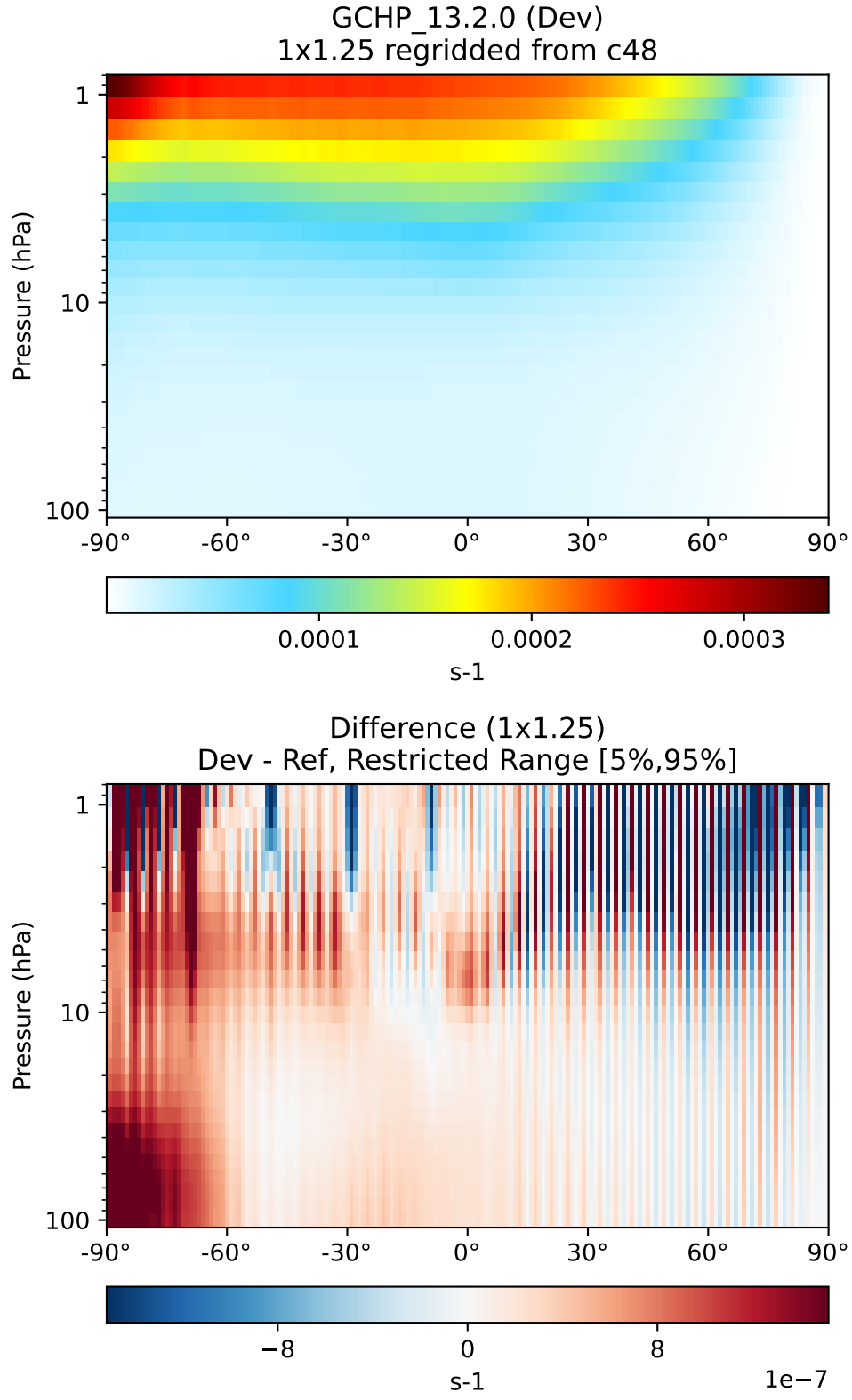


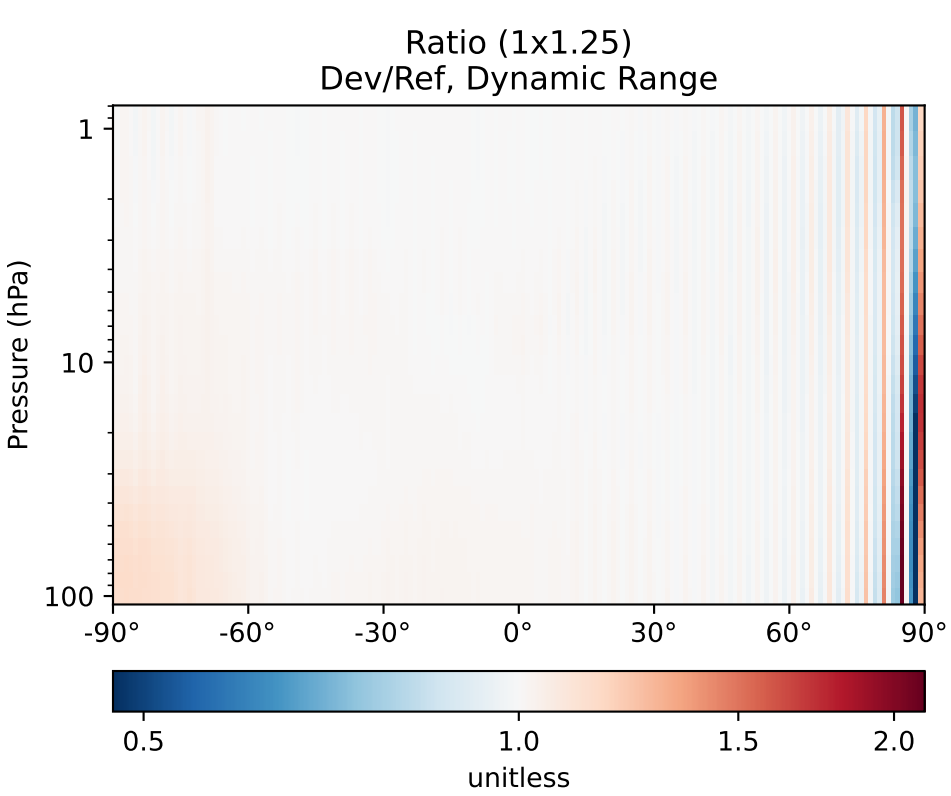


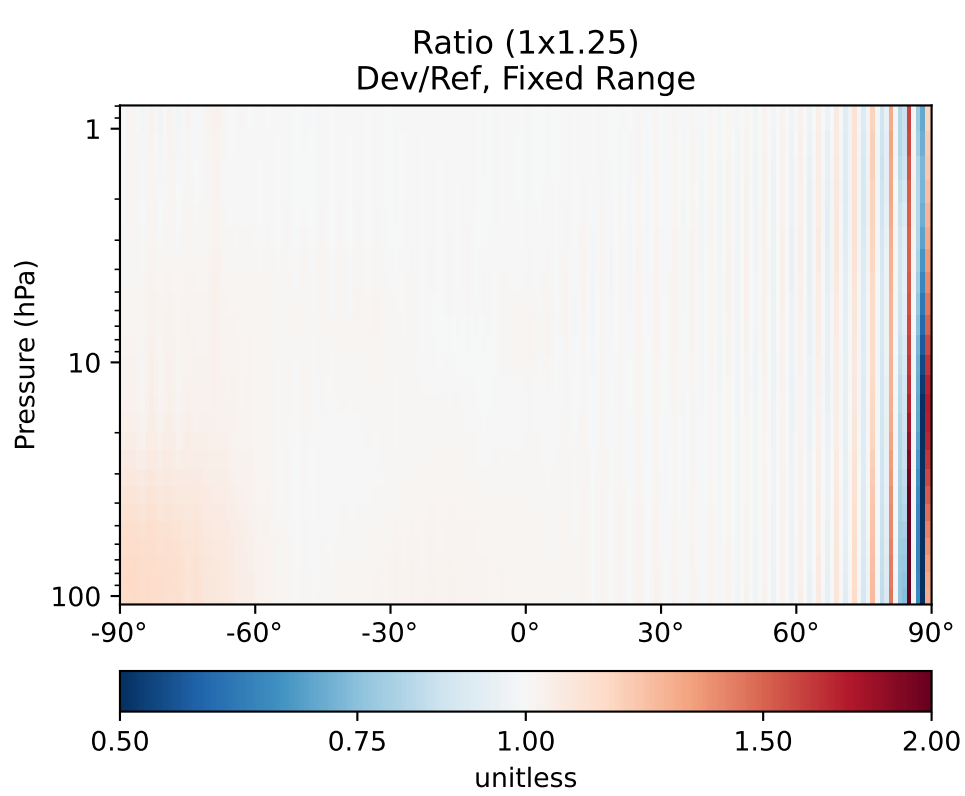


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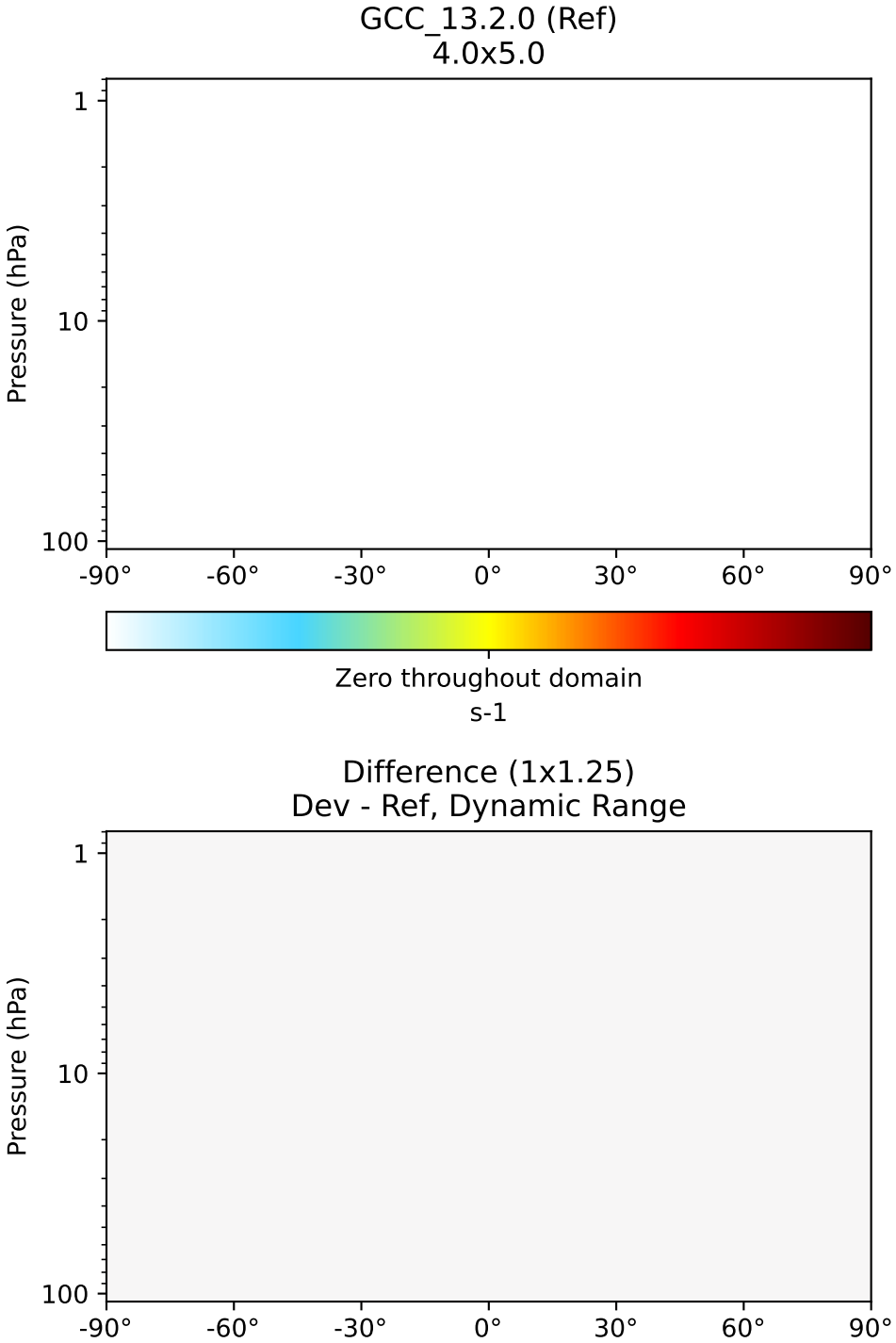


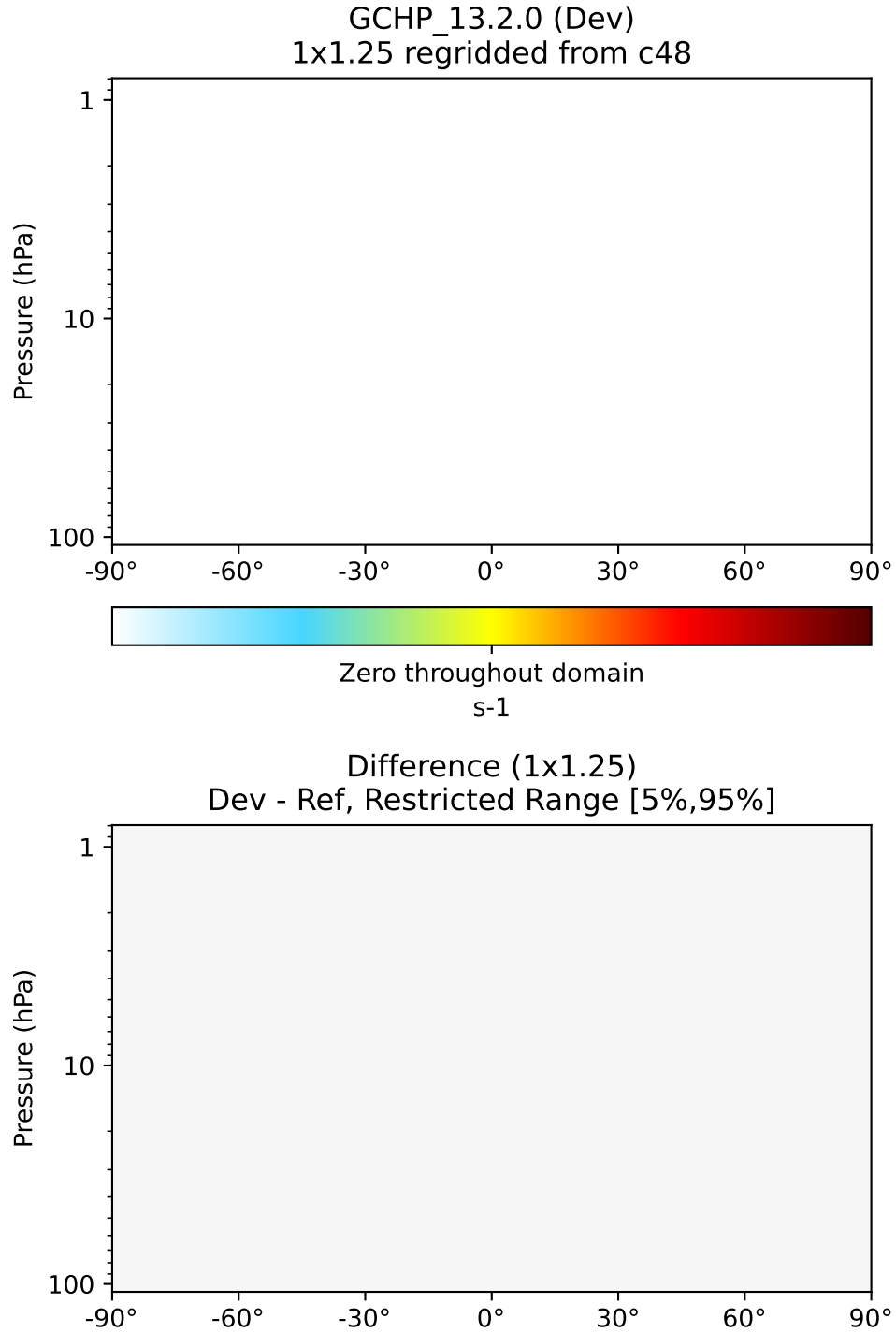


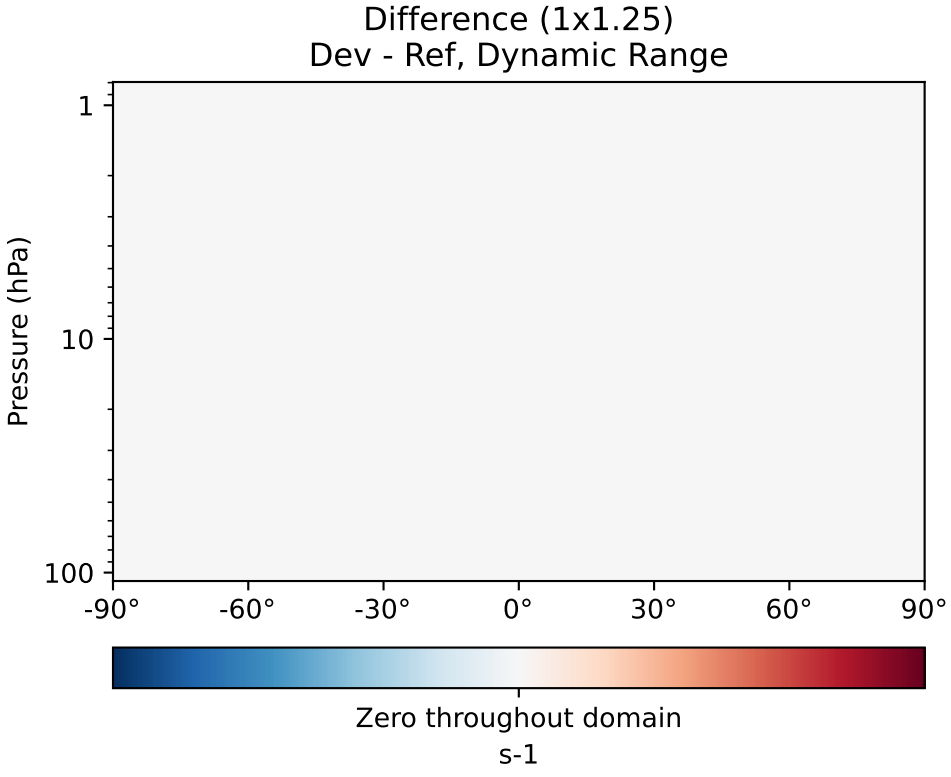


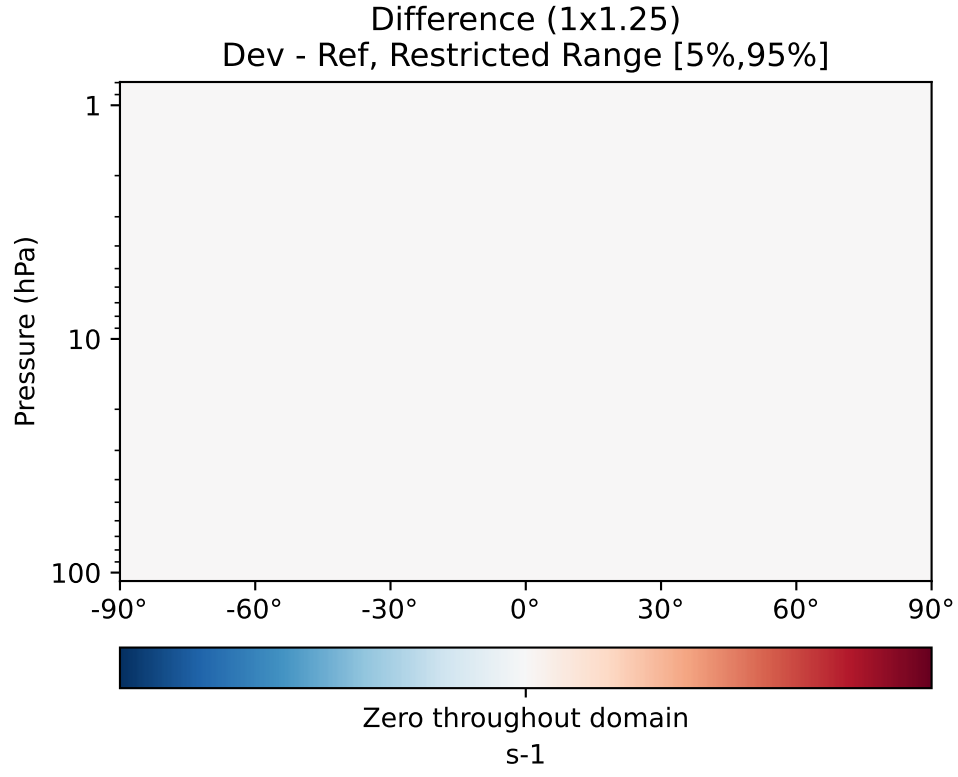


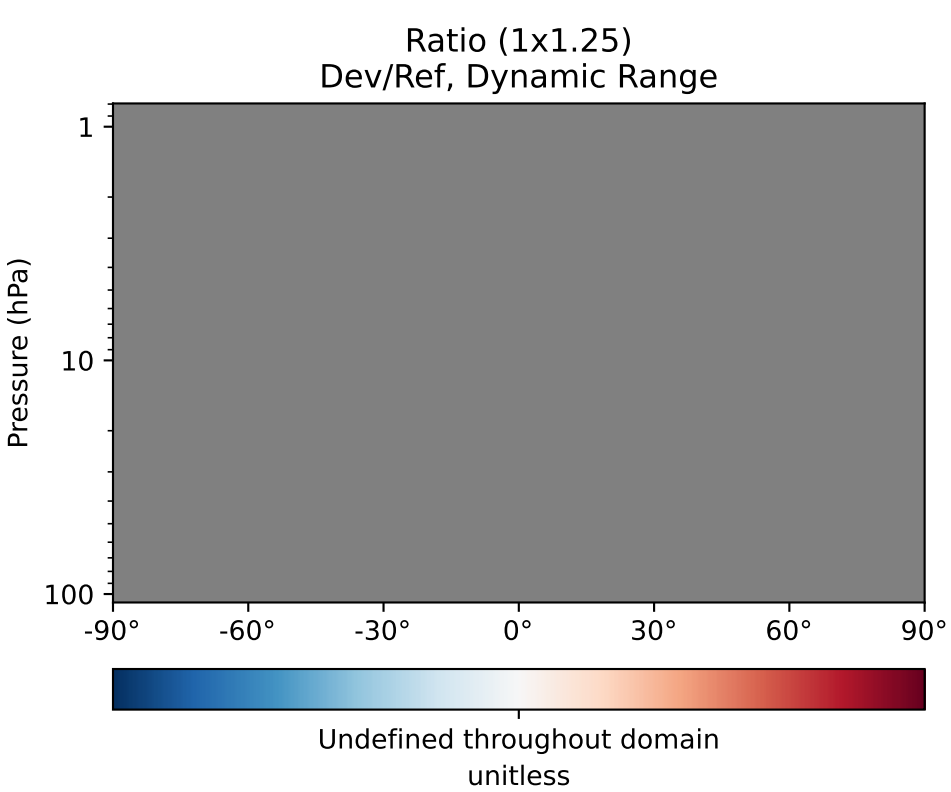
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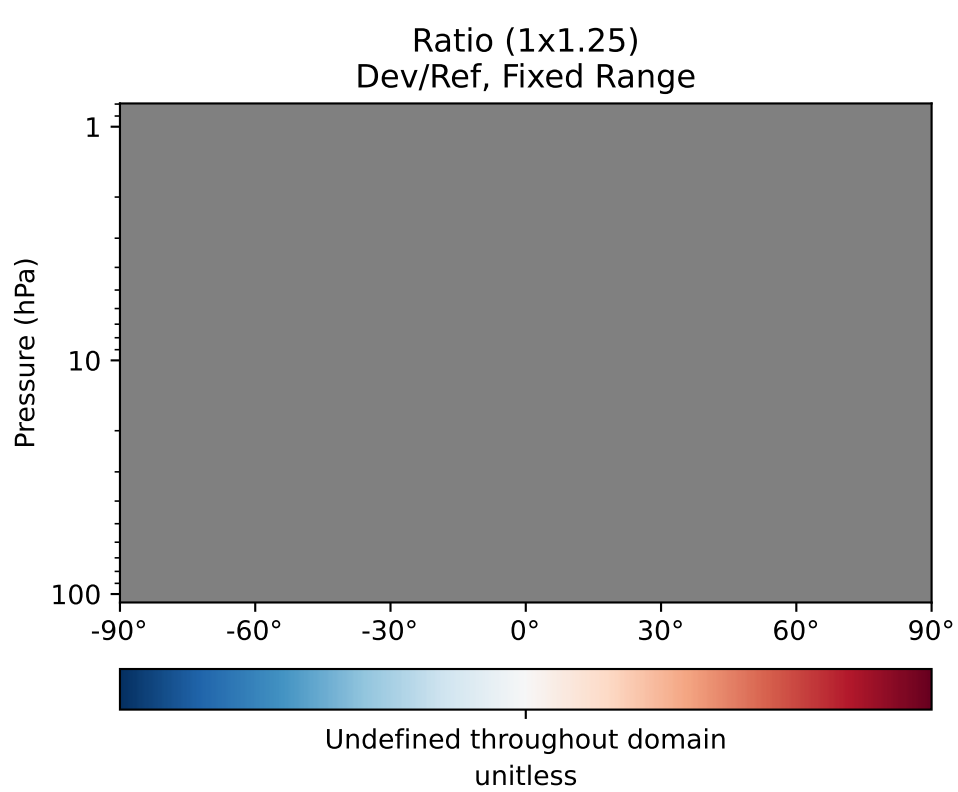




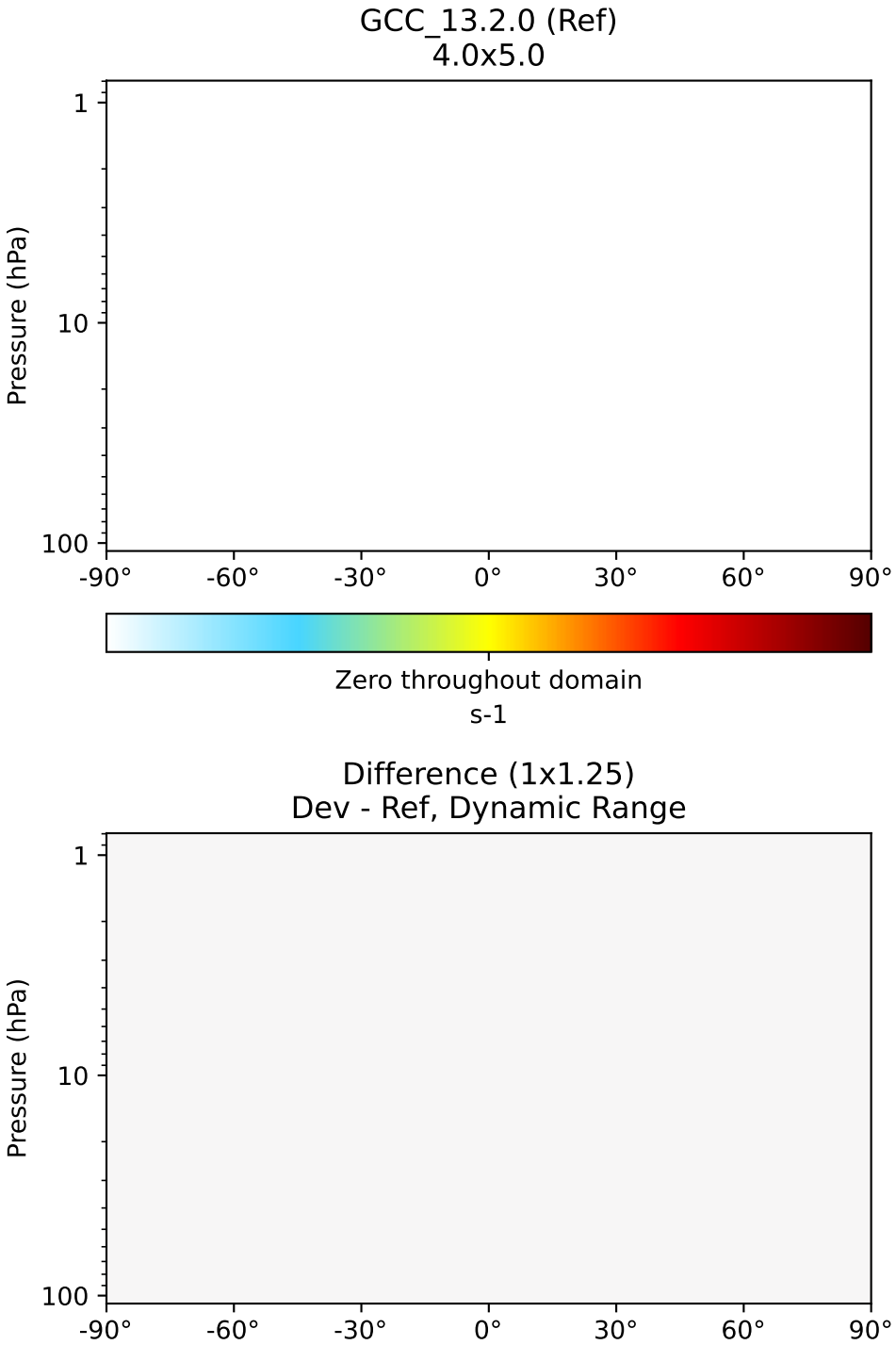


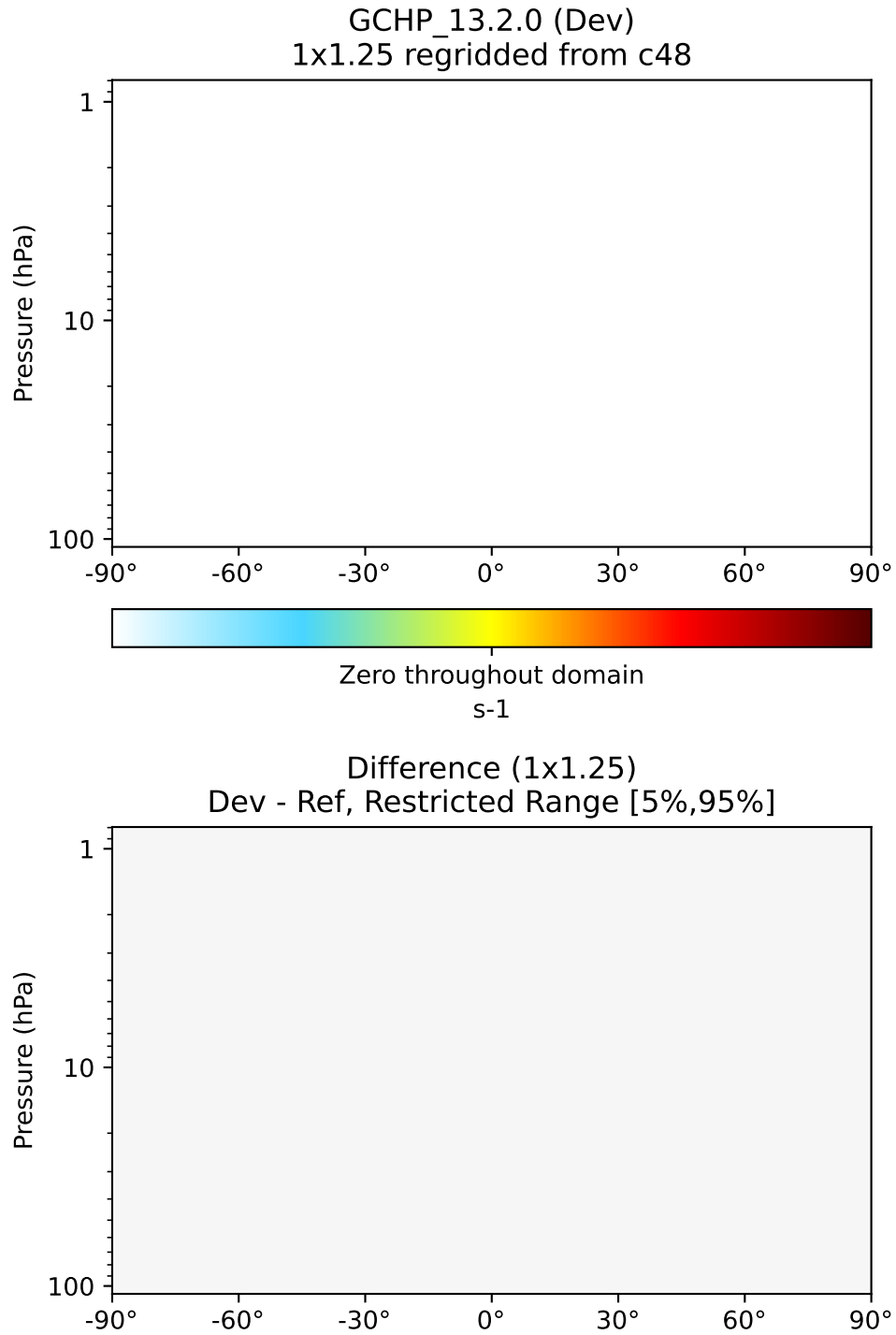


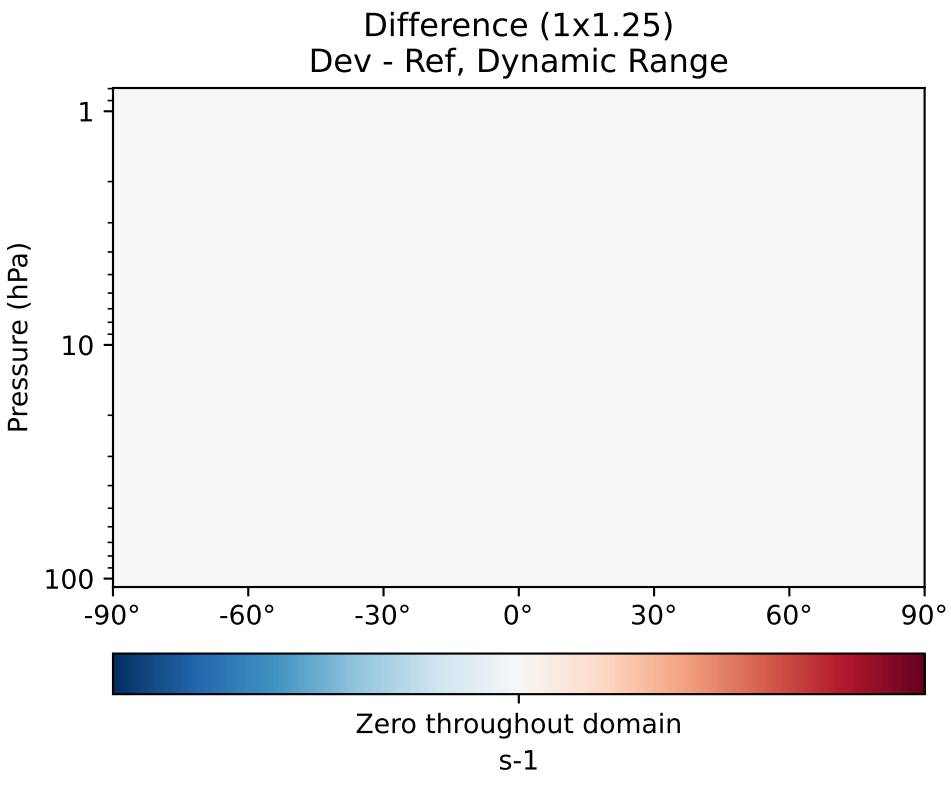


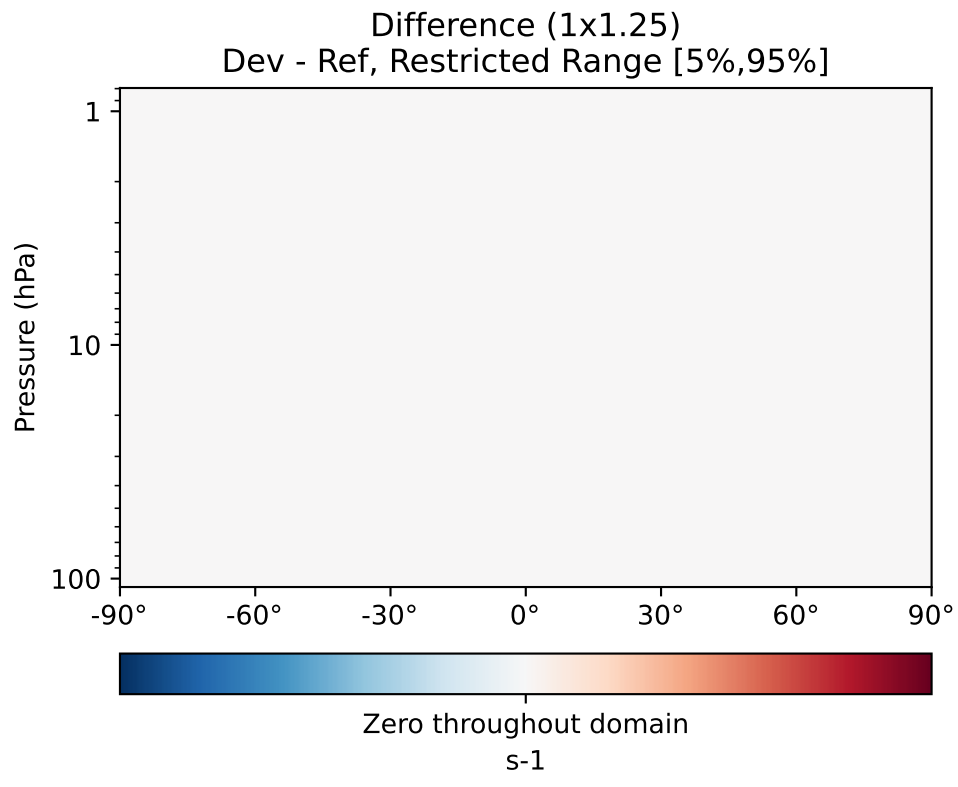


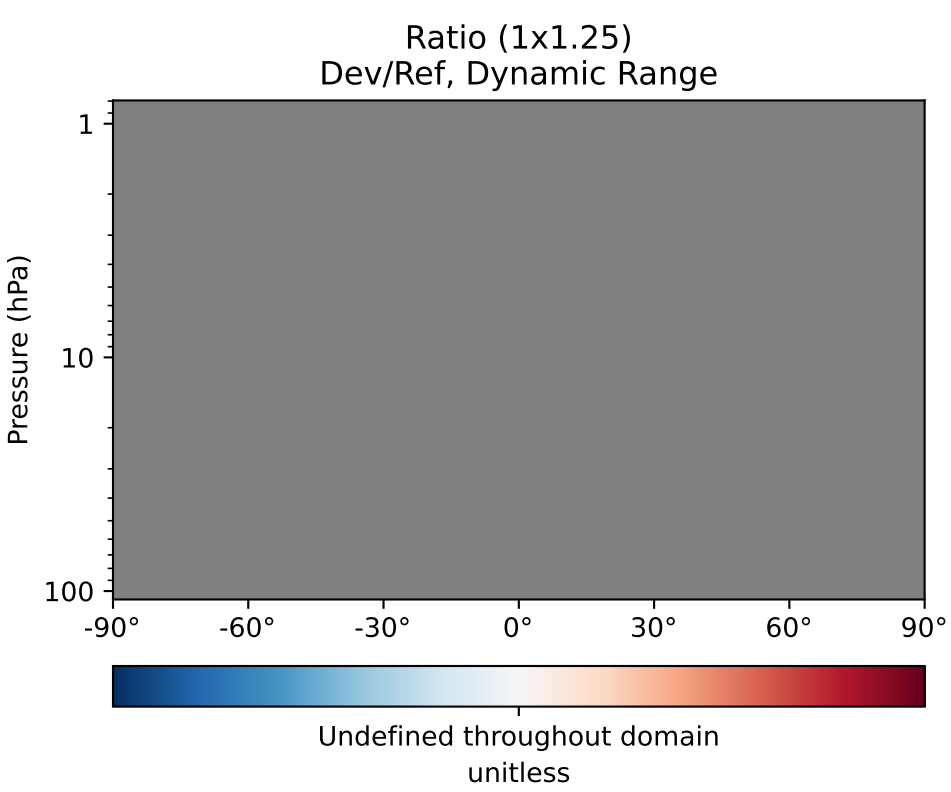
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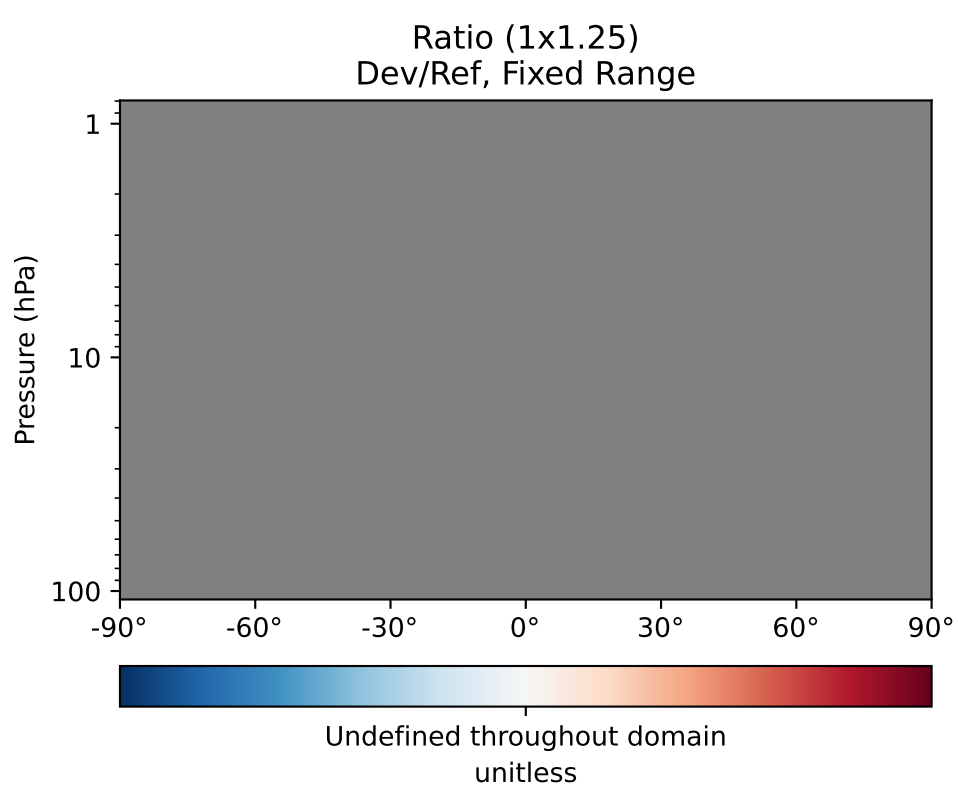




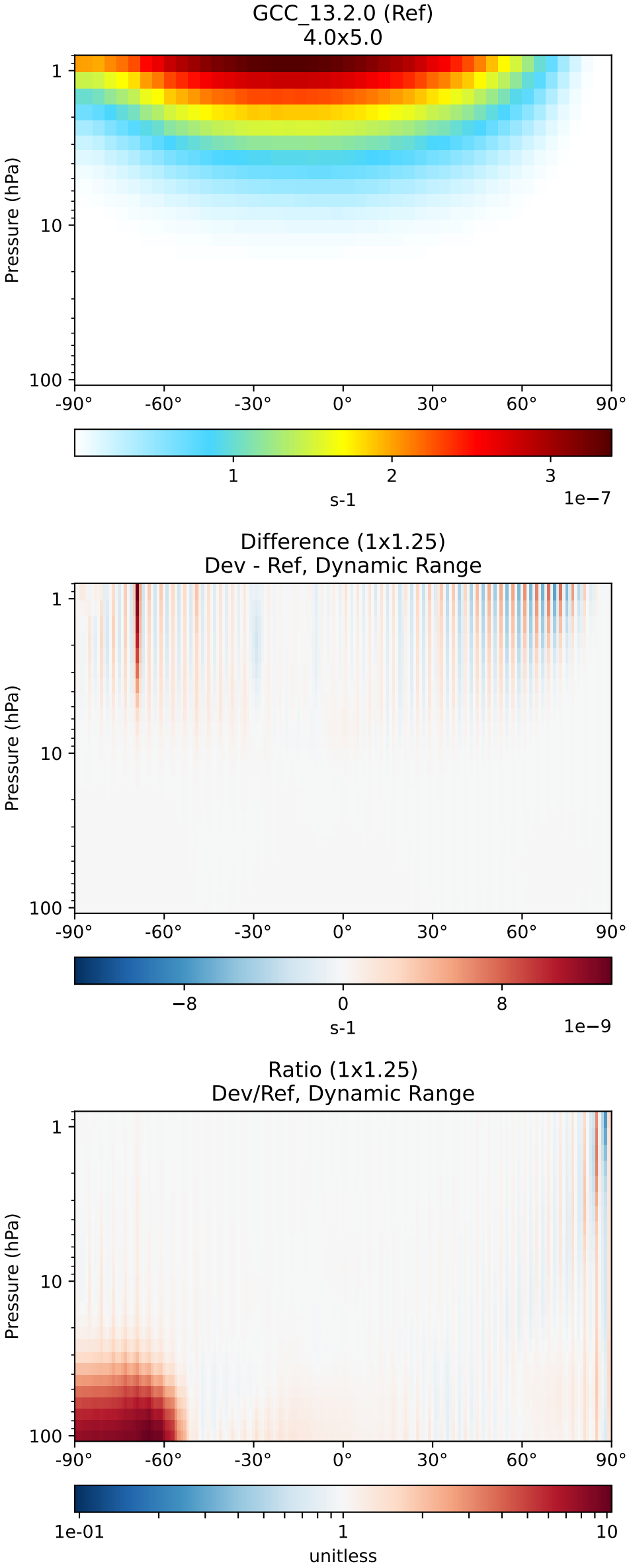


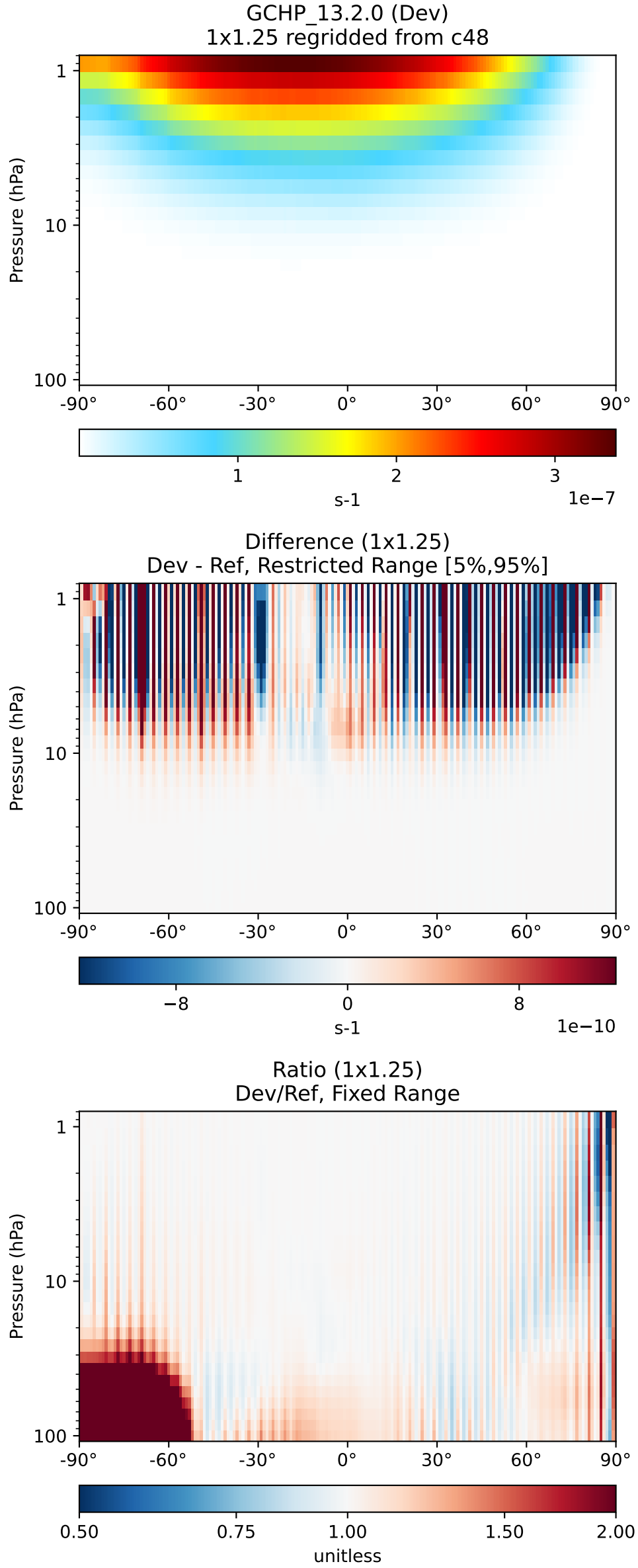




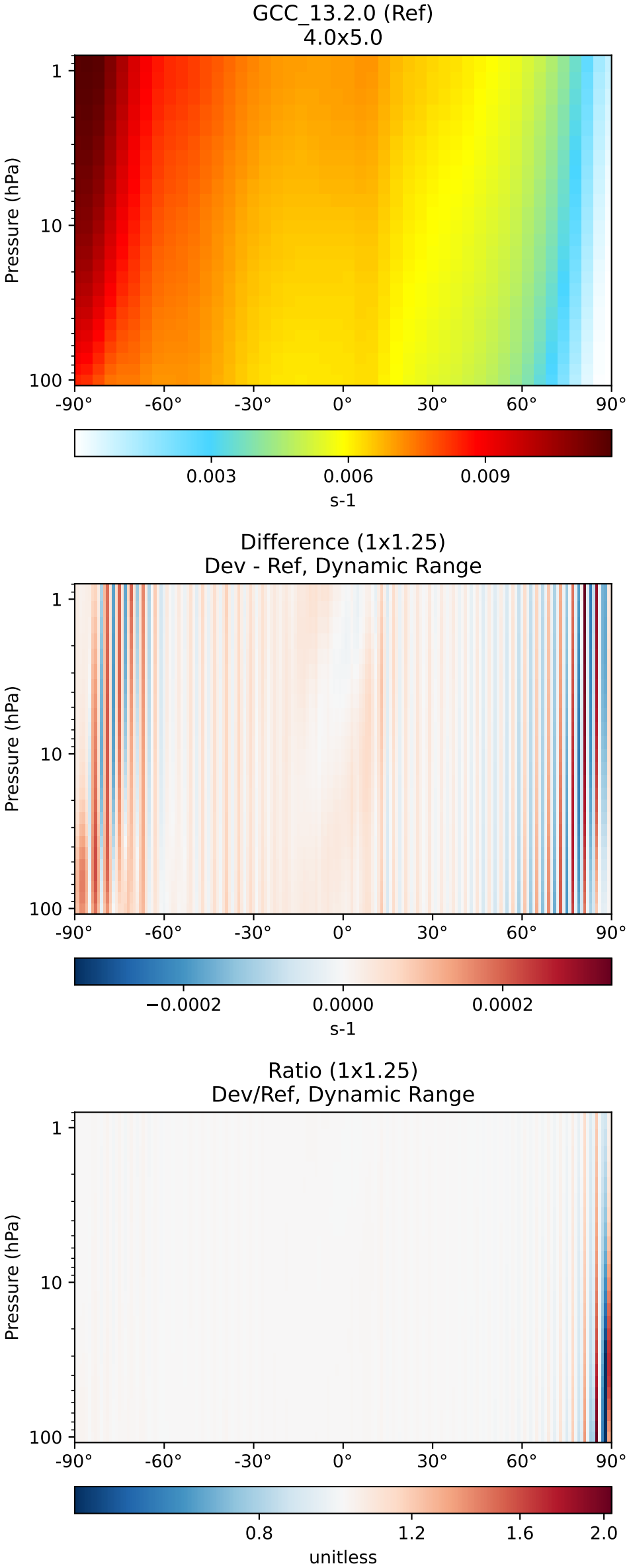


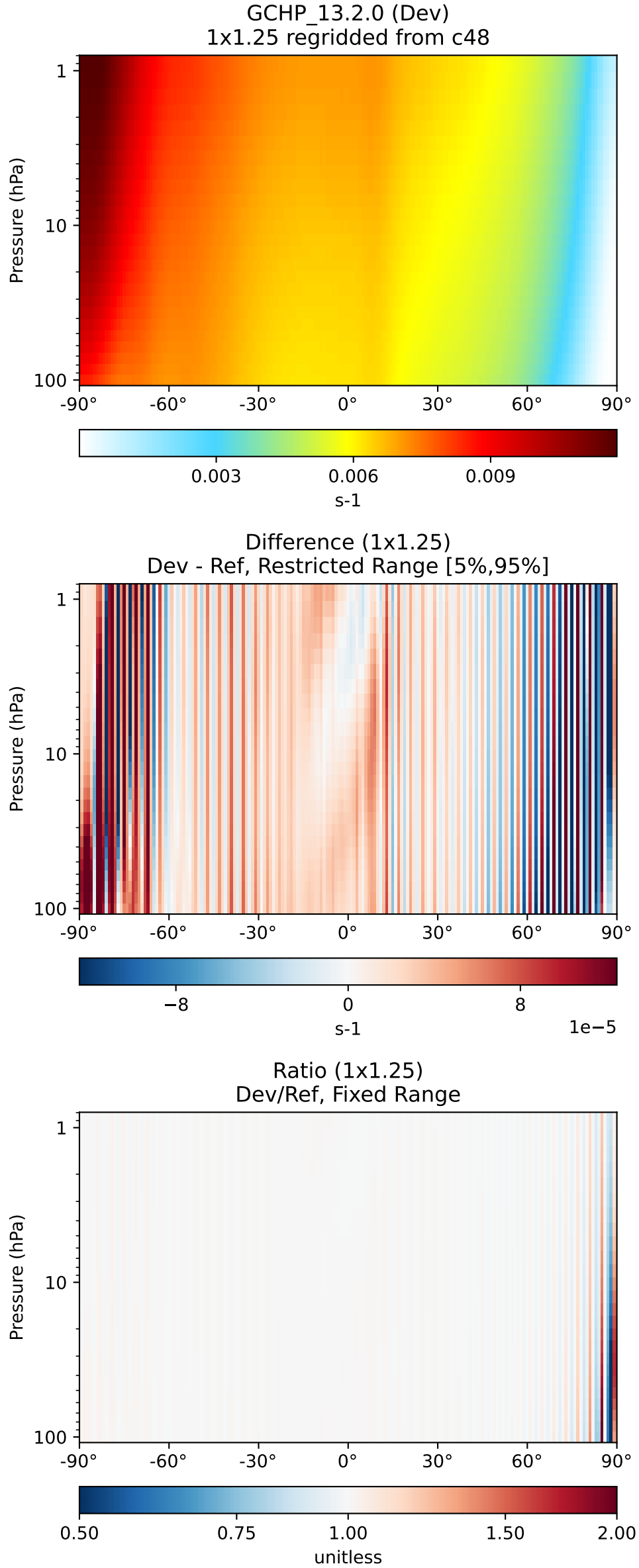
Jval_NO, Zonal Mean (Oct2019)



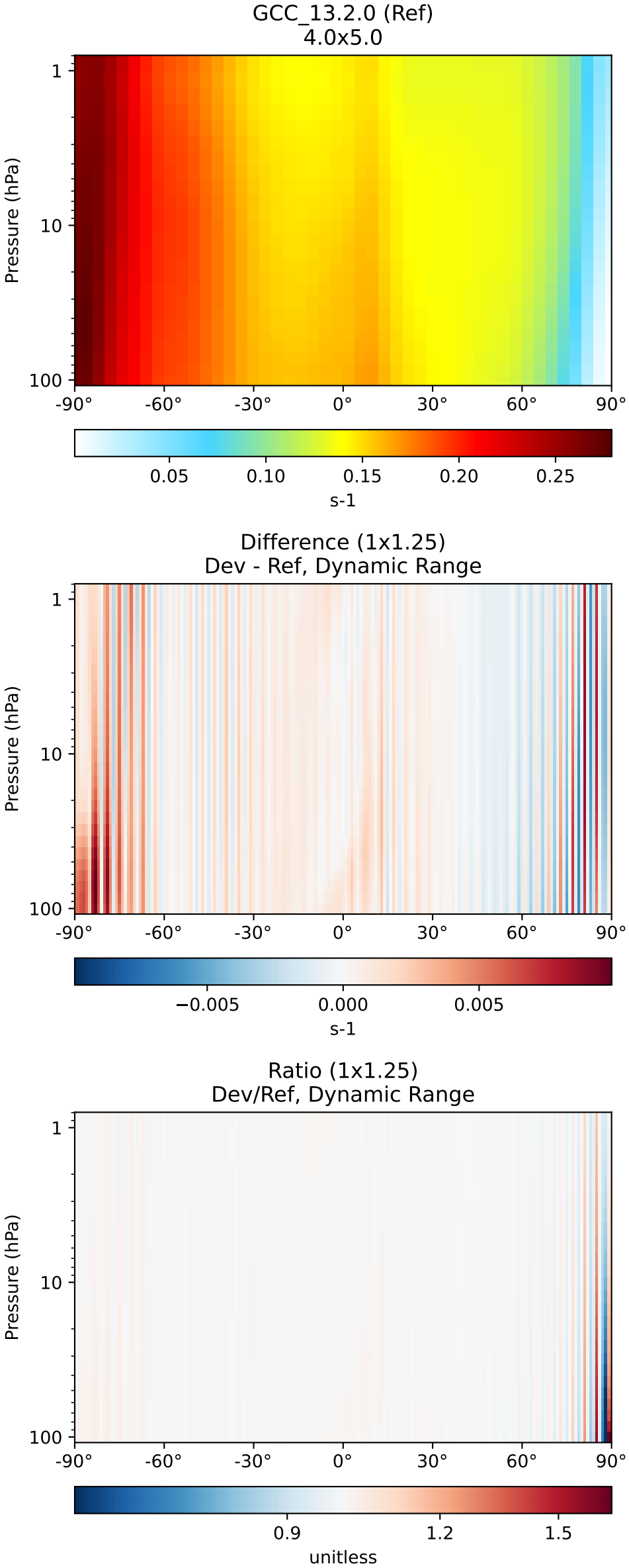


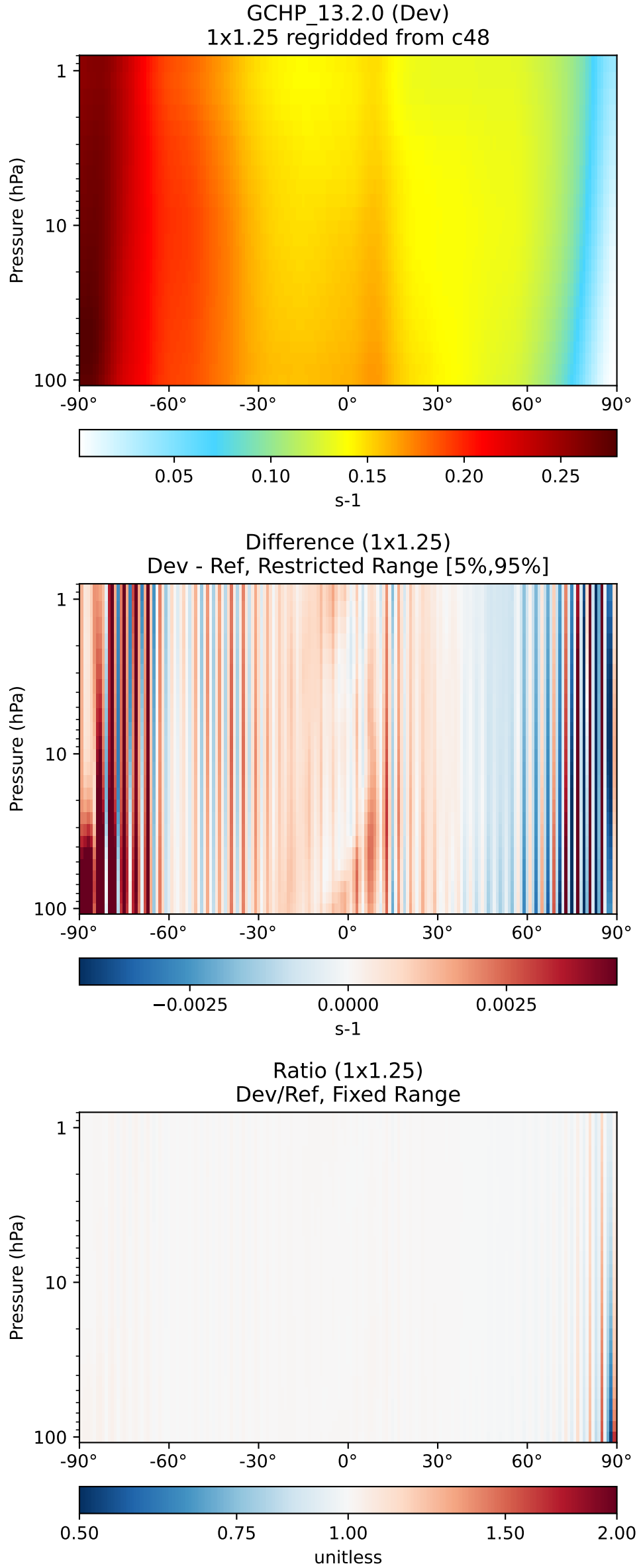
Jval_NO2, Zonal Mean (Oct2019)



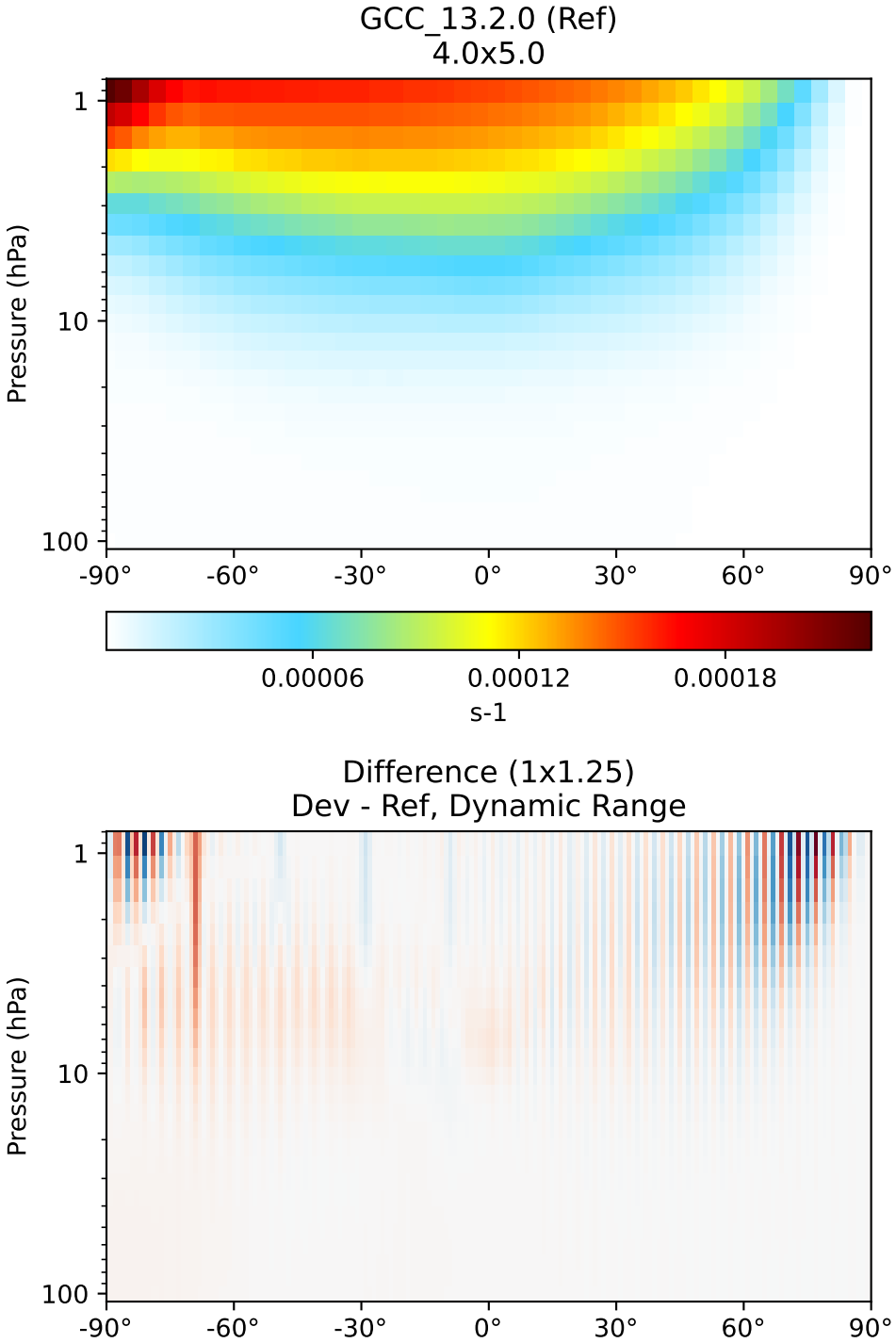


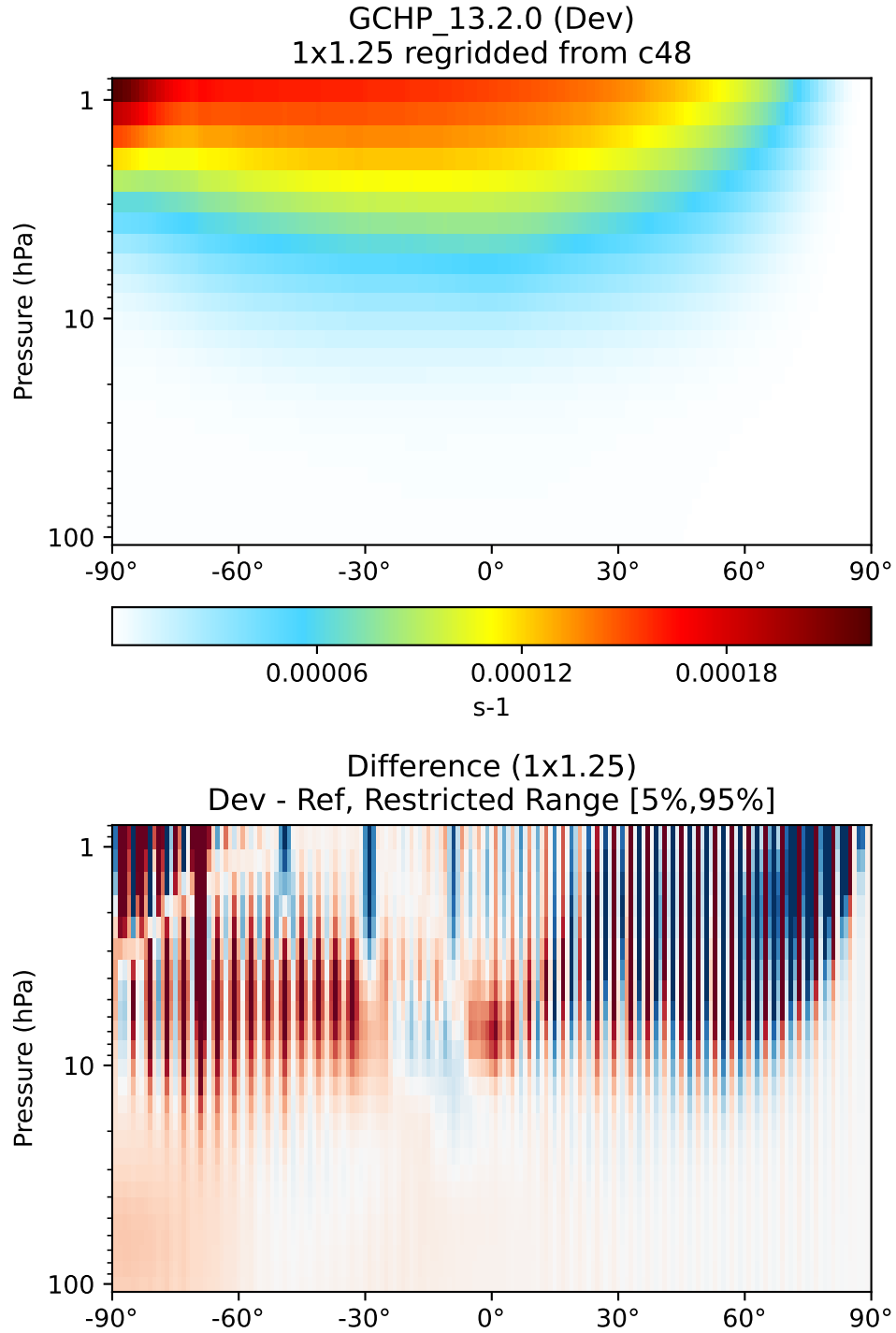
Jval_NO3, Zonal Mean (Oct2019)

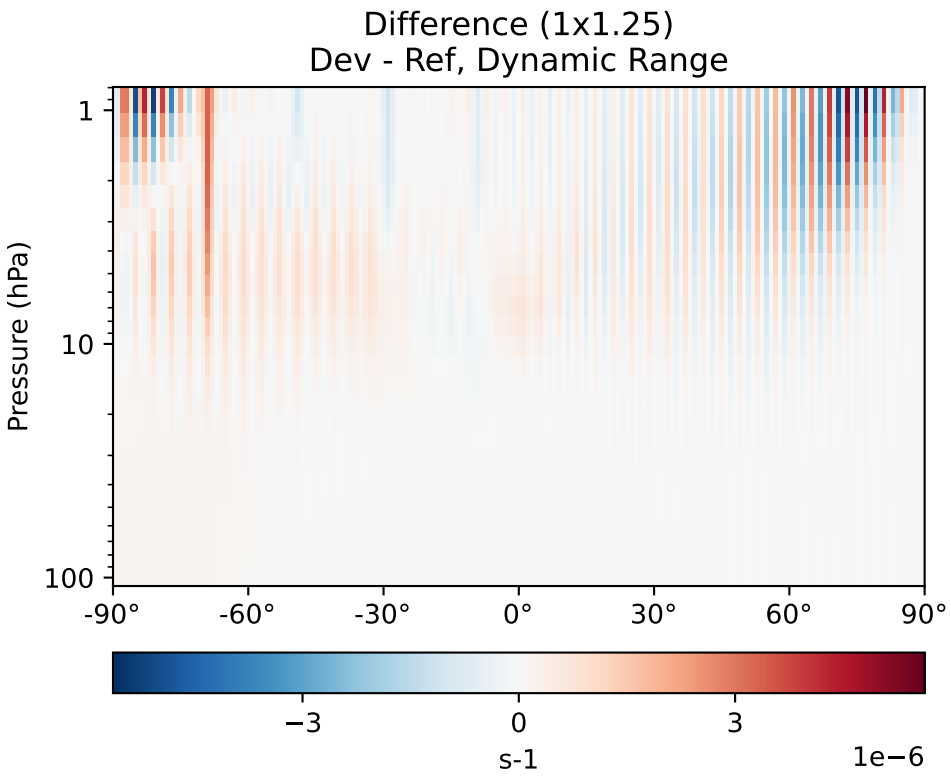


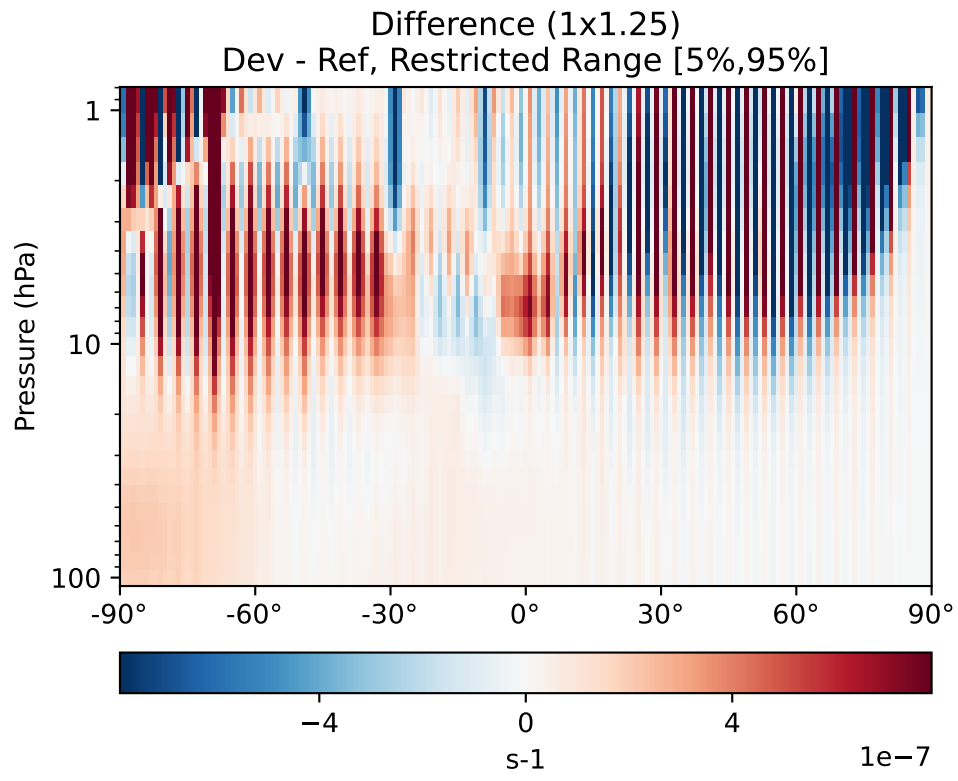


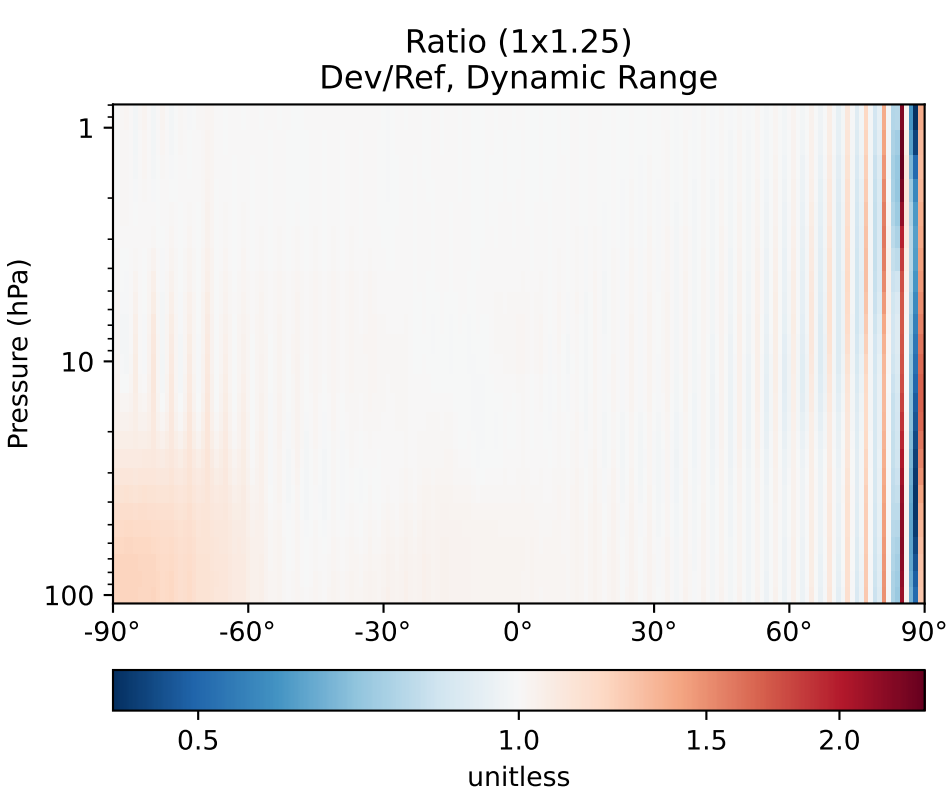
Jval_NPRNO3, Zonal Mean (Oct2019)

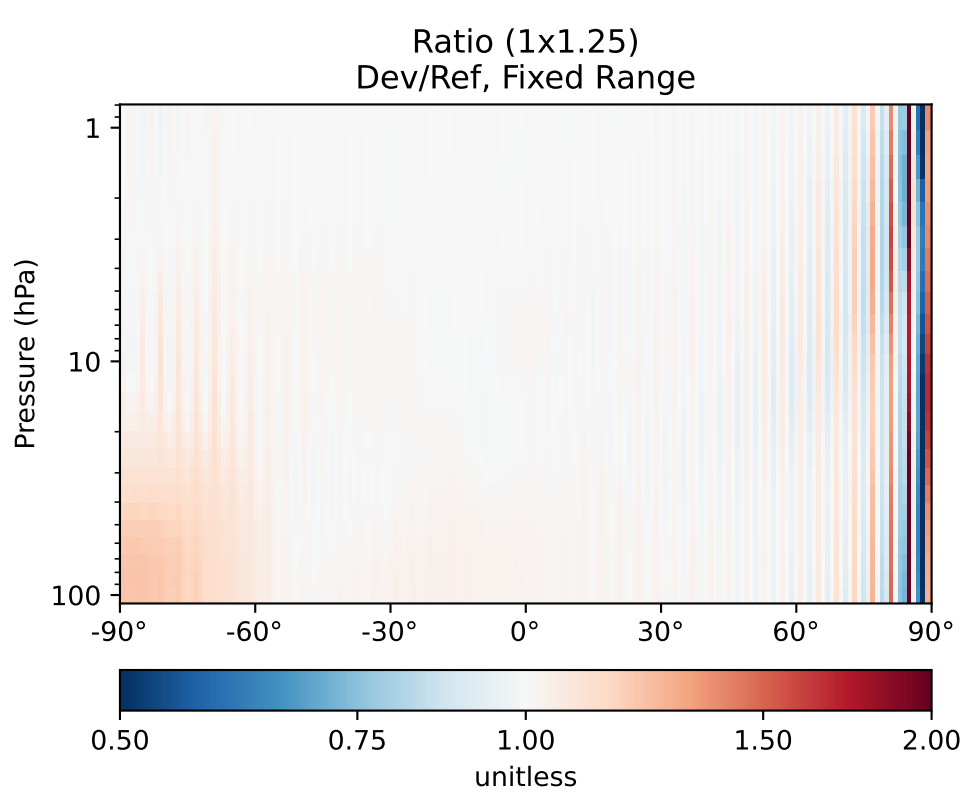




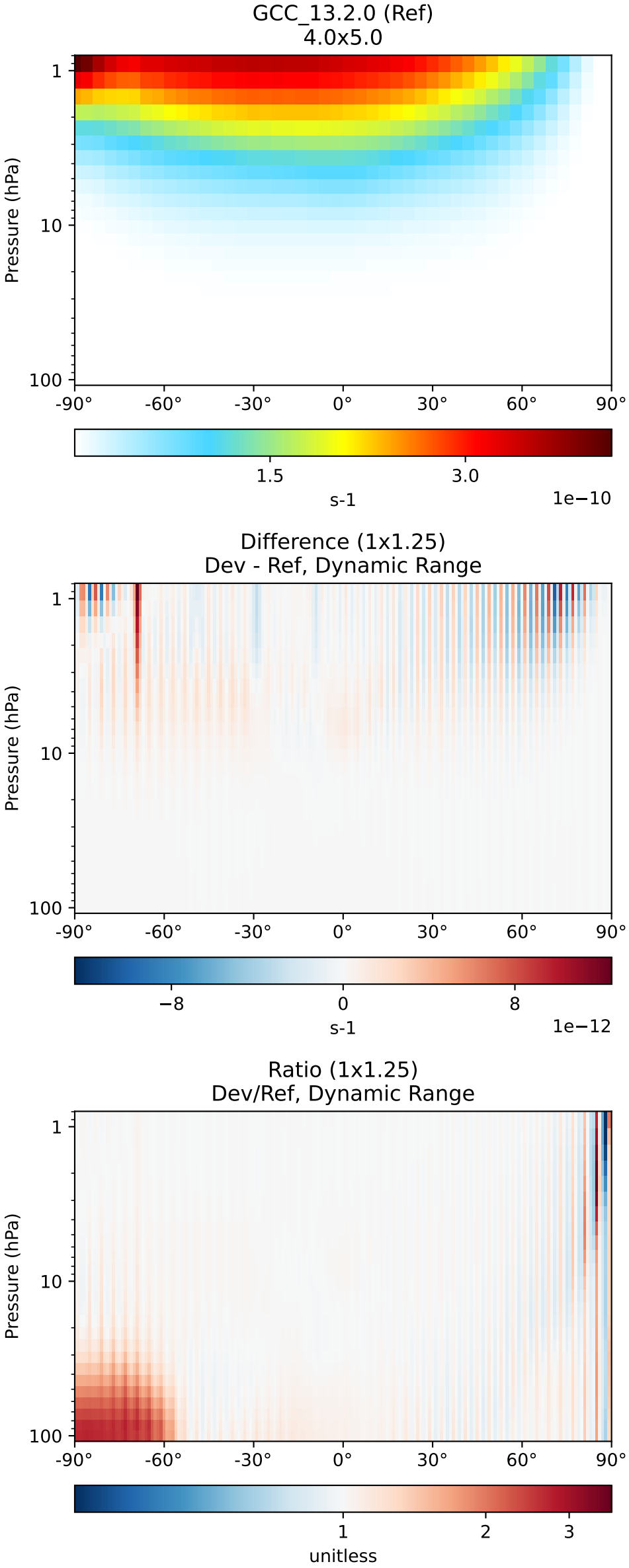


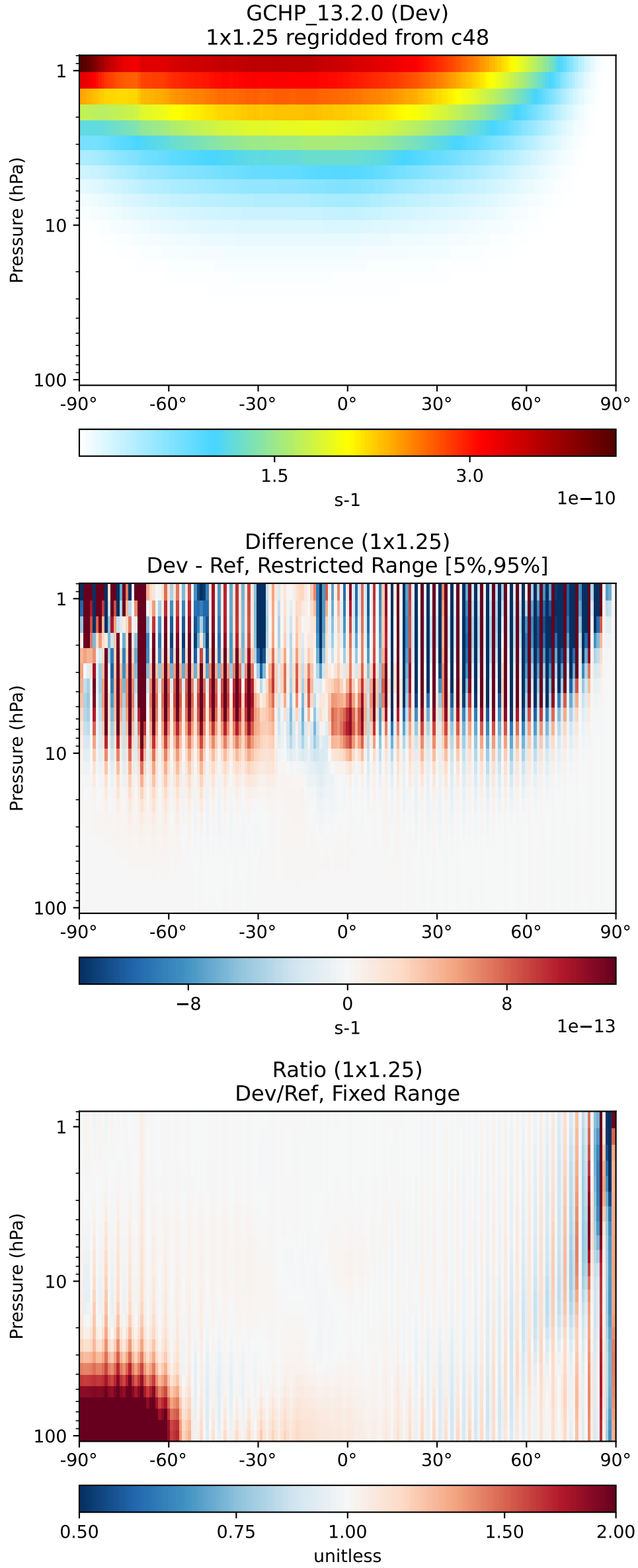




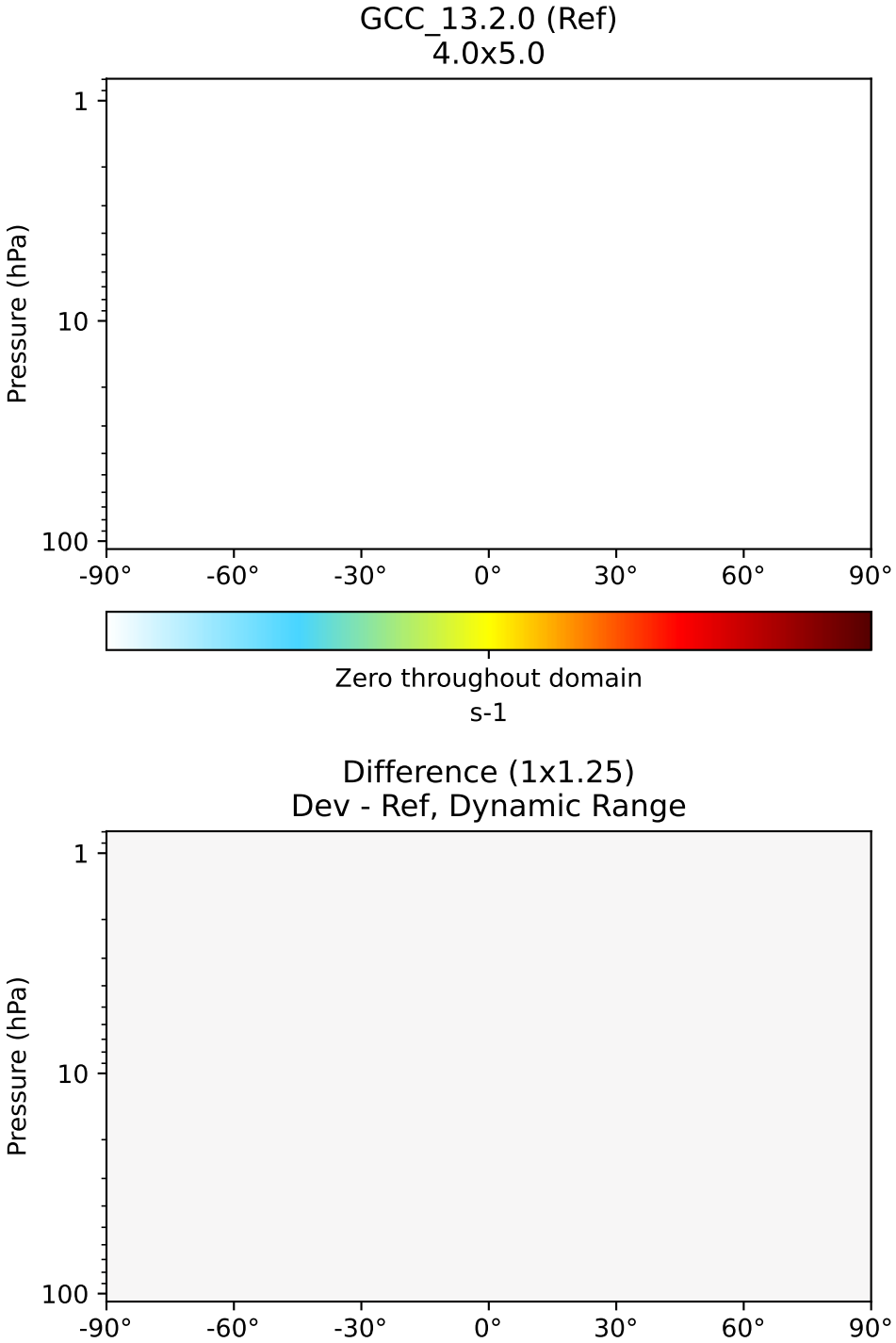


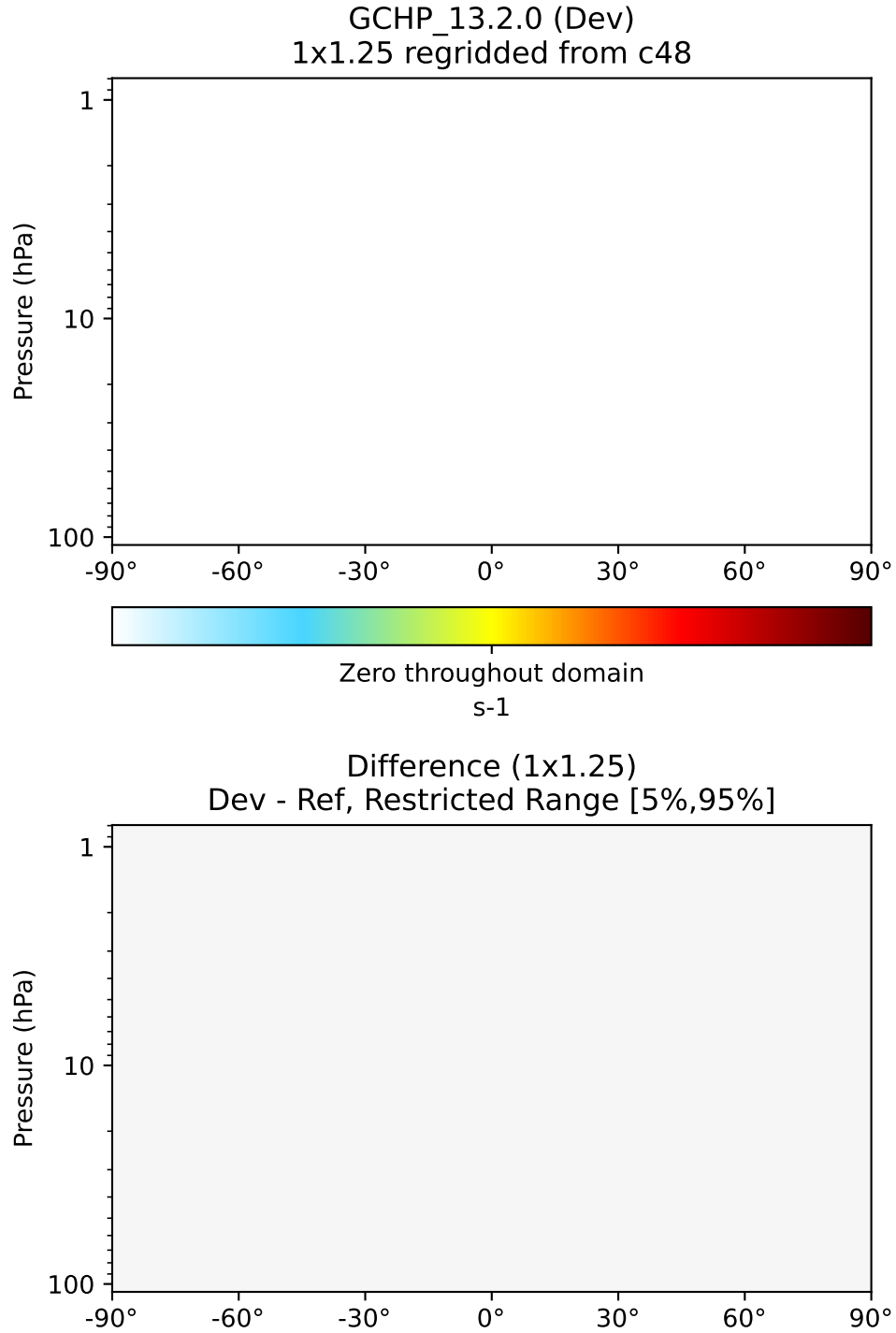
Jval_O2, Zonal Mean (Oct2019)

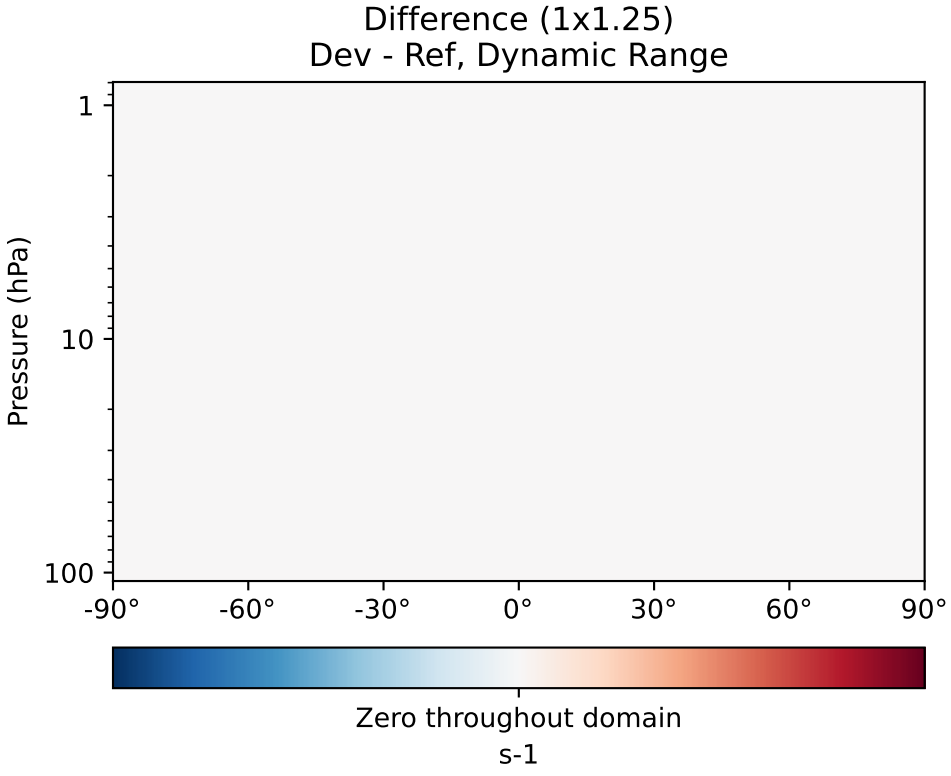


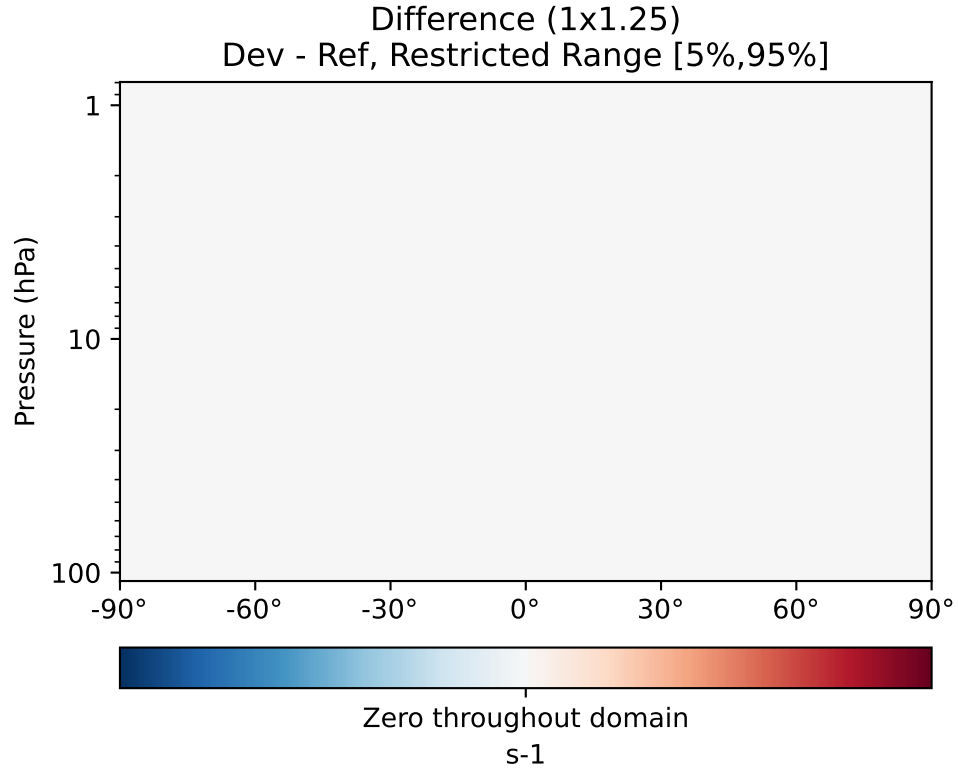


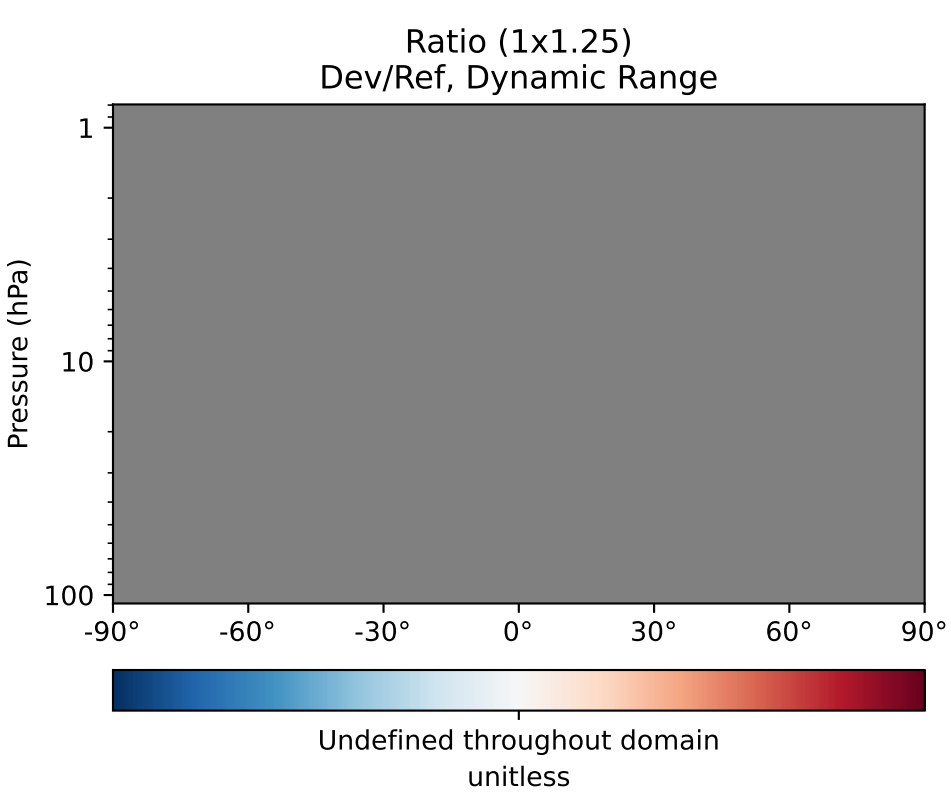
Jval_O3, Zonal Mean (Oct2019)

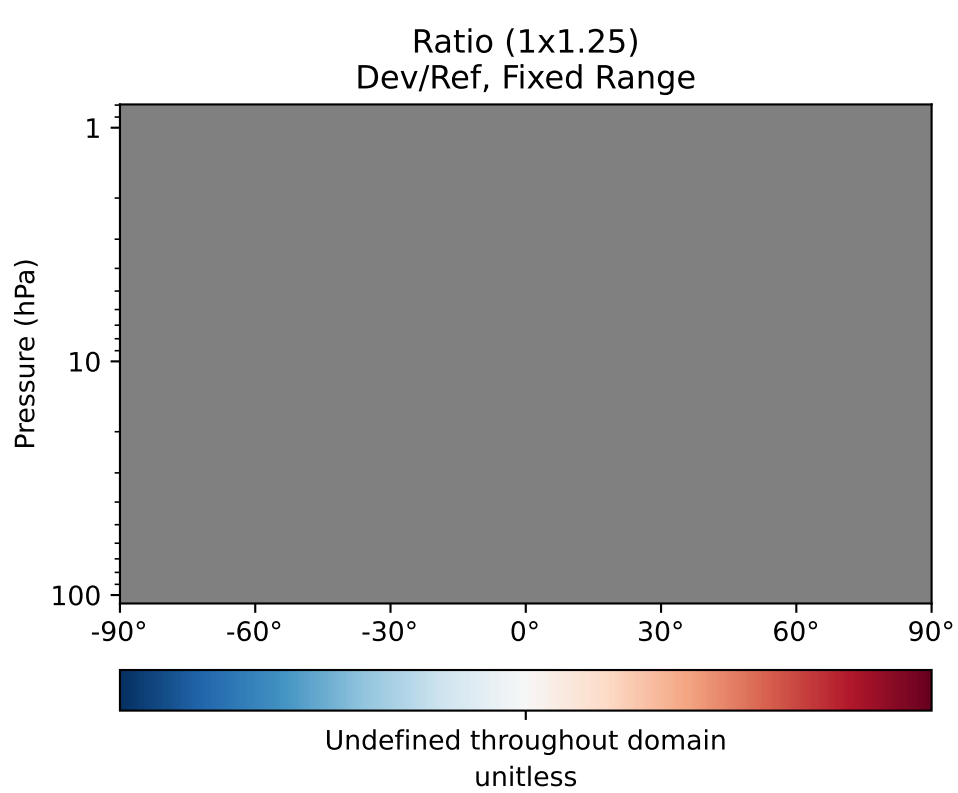




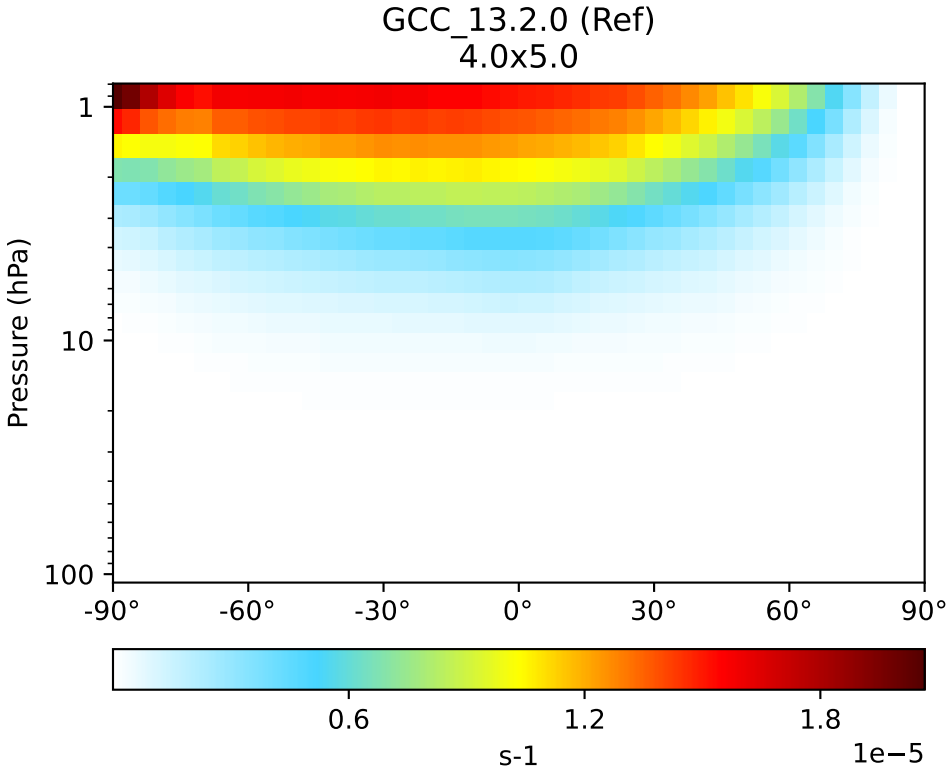


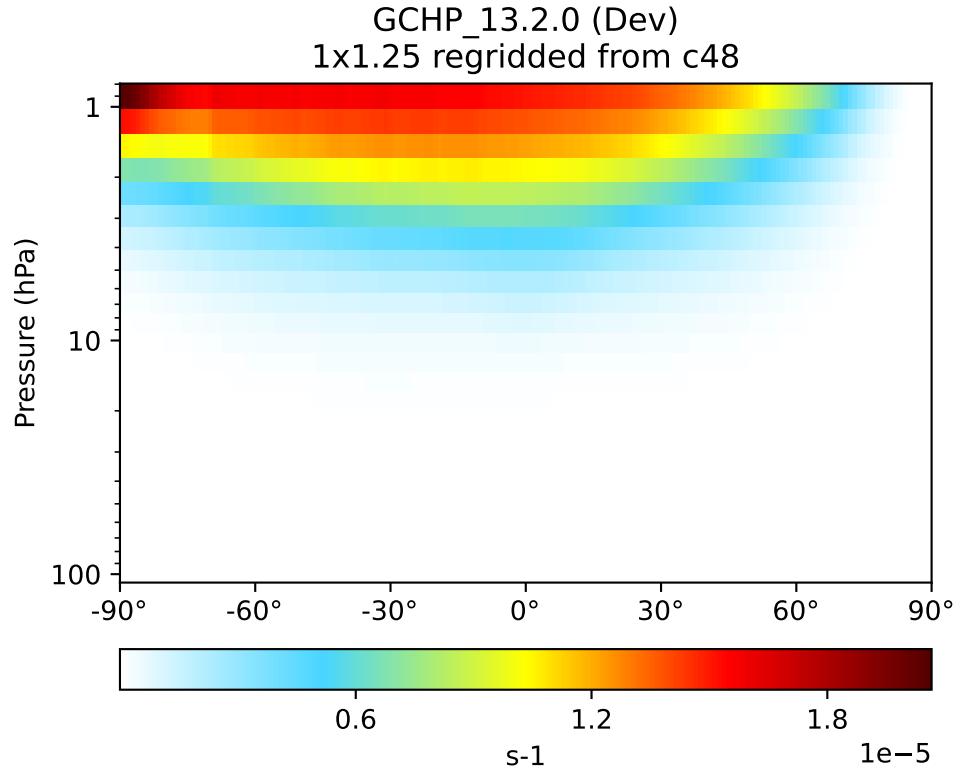


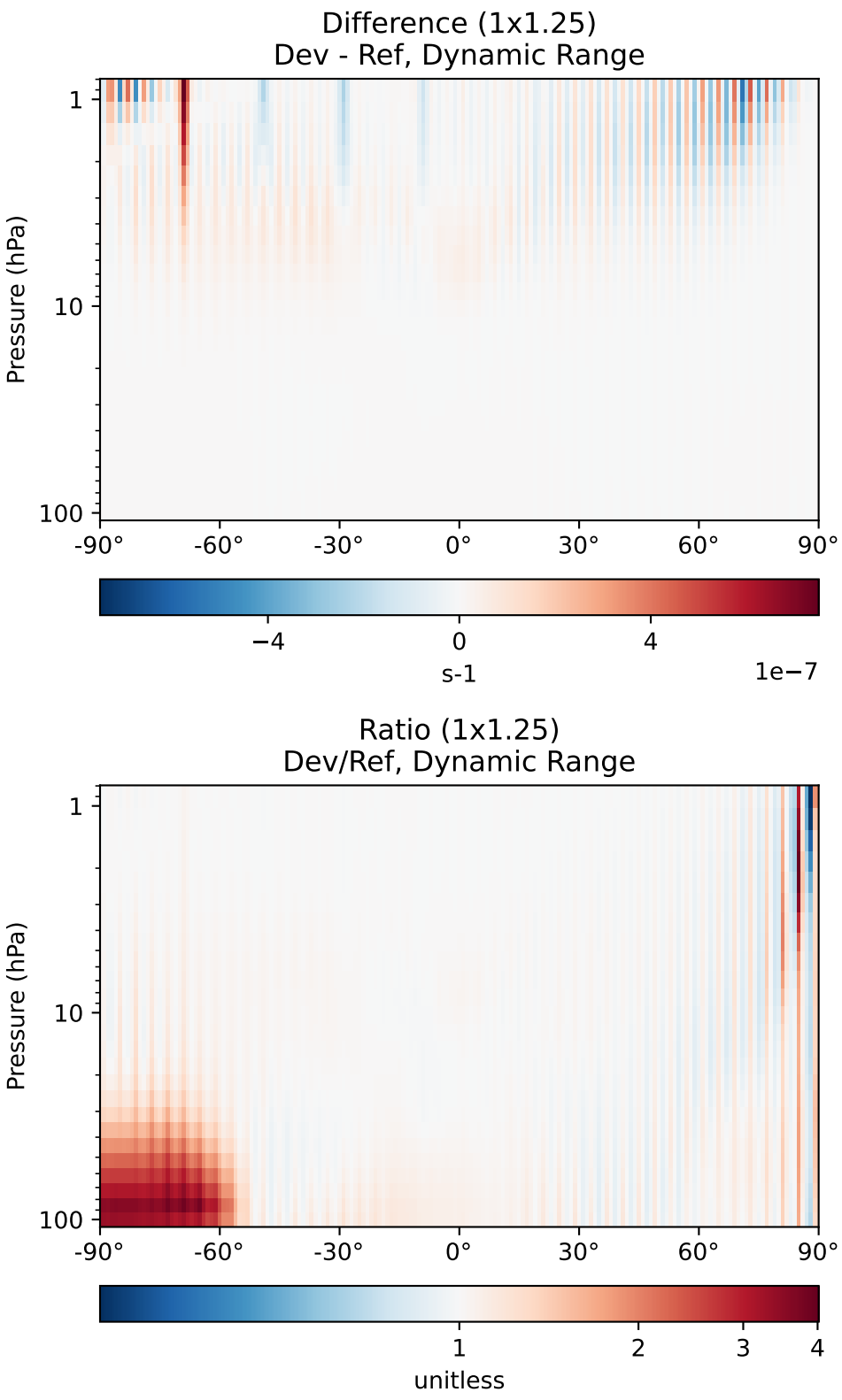


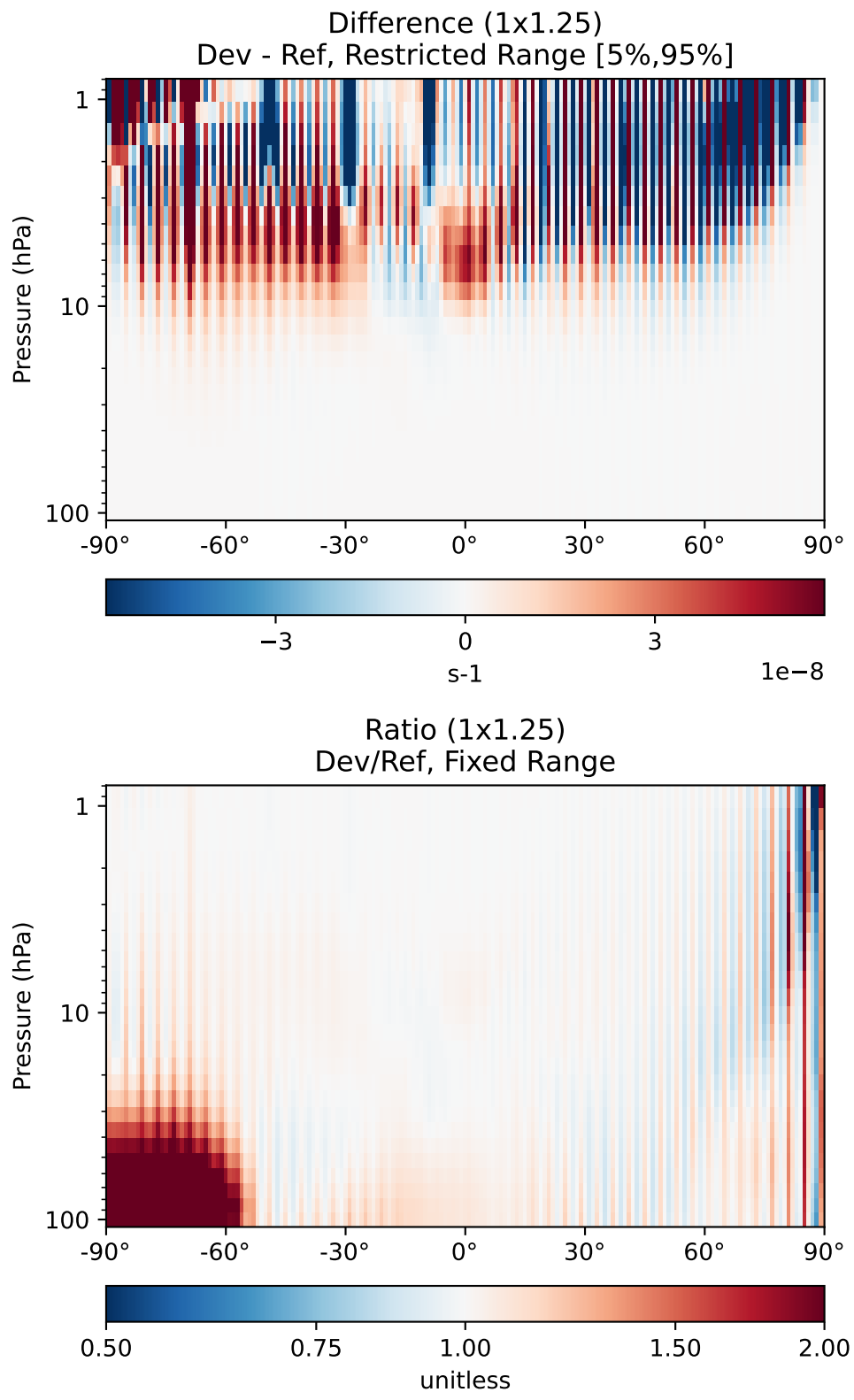


Jval_OCS, Zonal Mean (Oct2019)

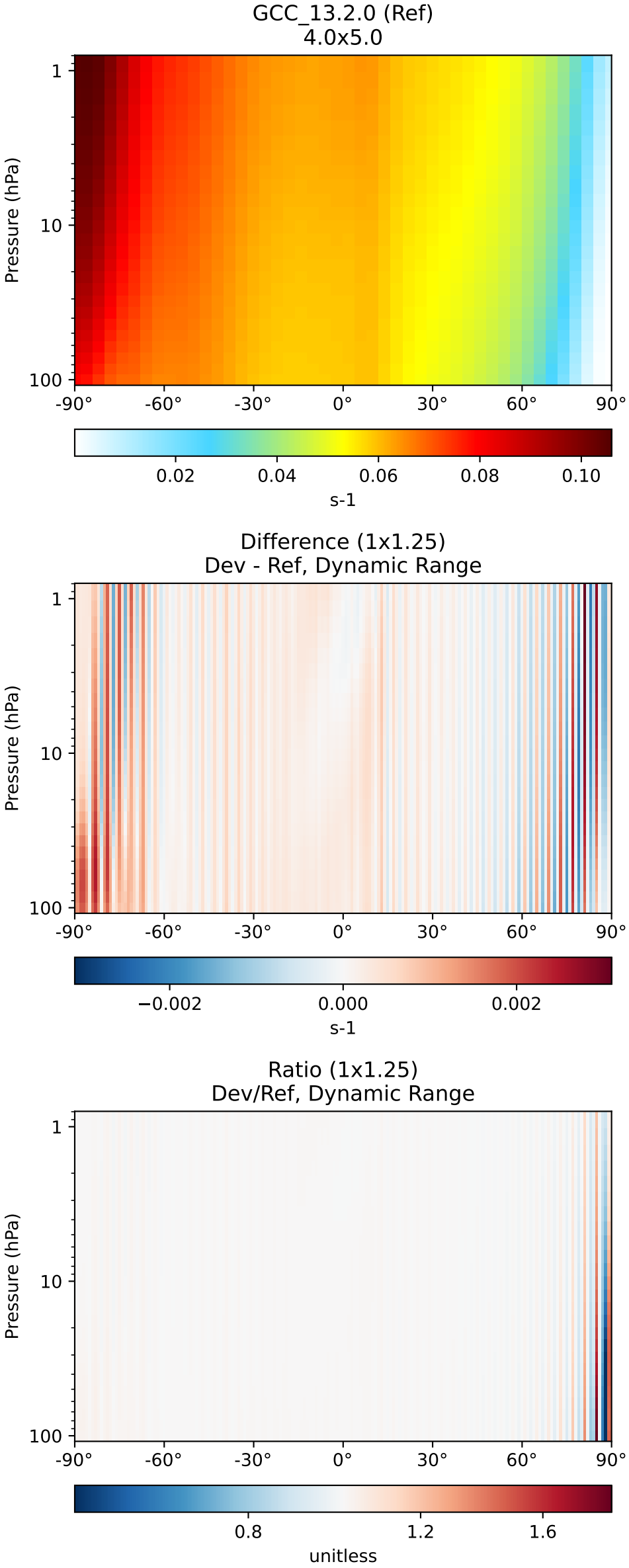


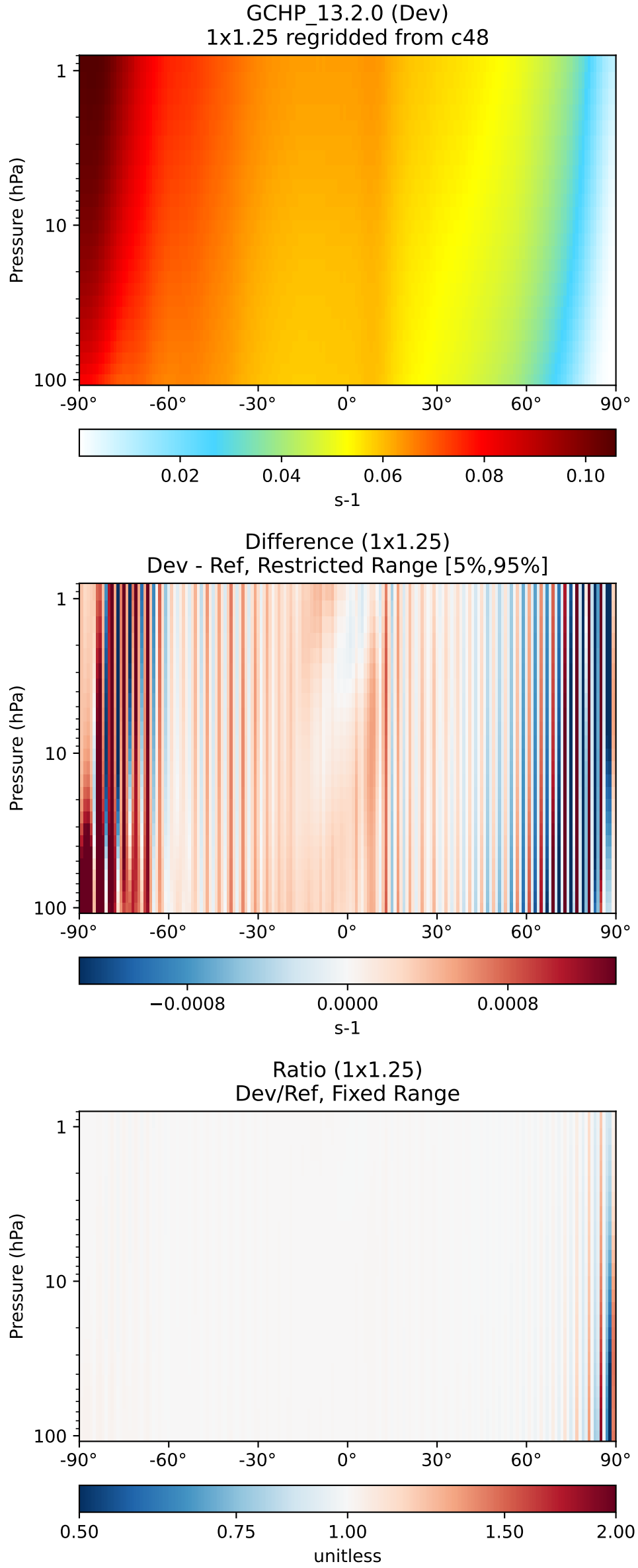




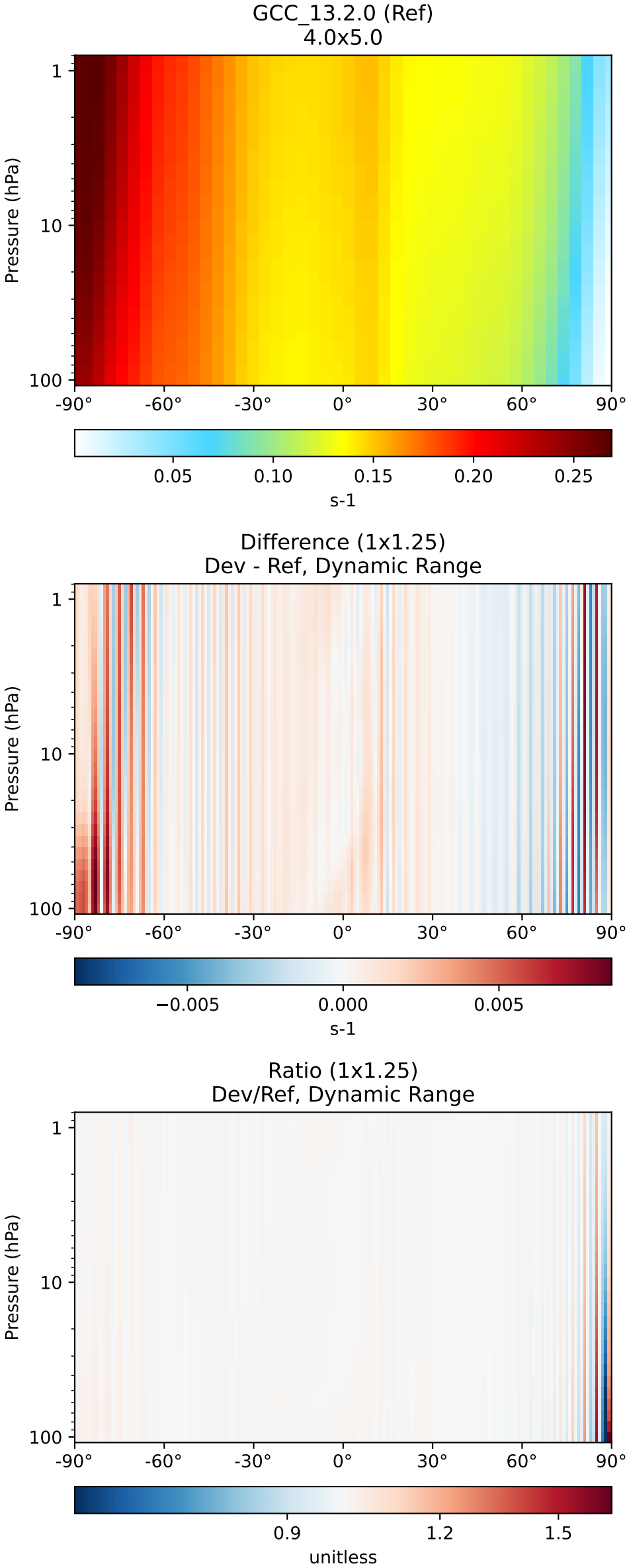


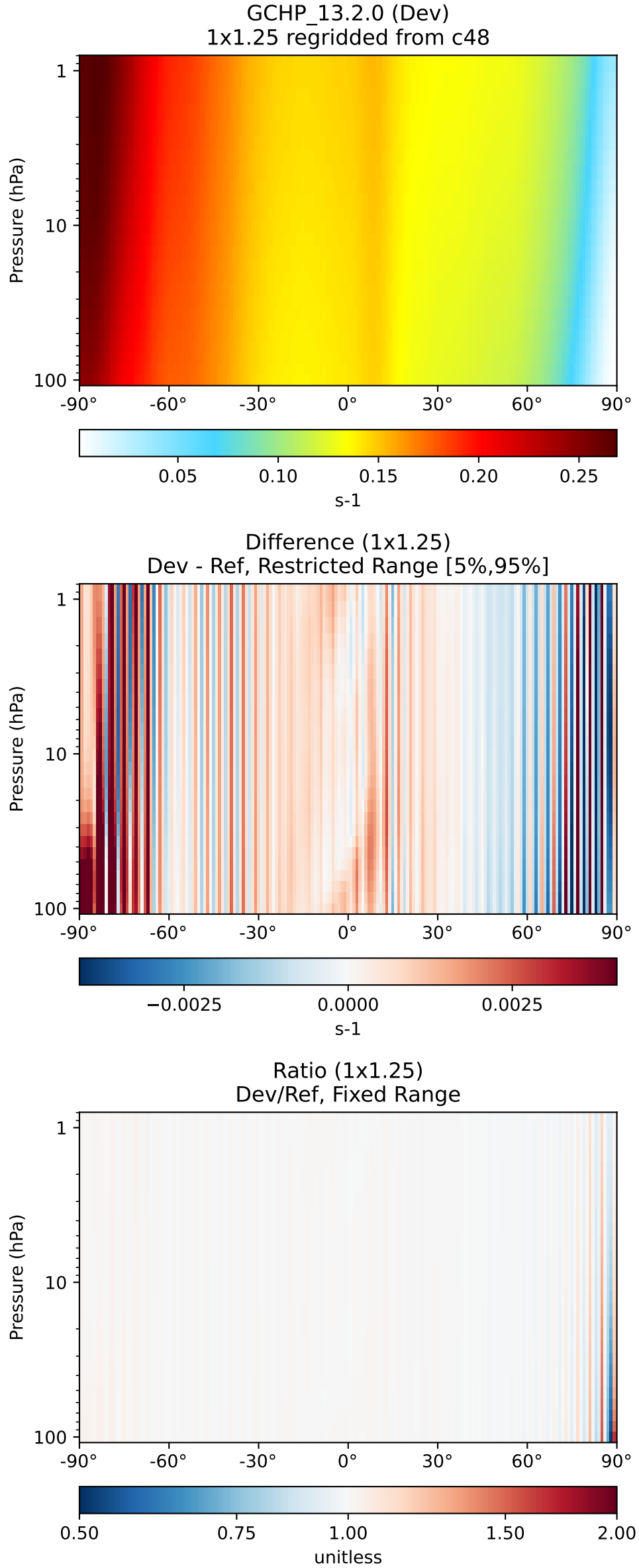
Jval_OClO, Zonal Mean (Oct2019)



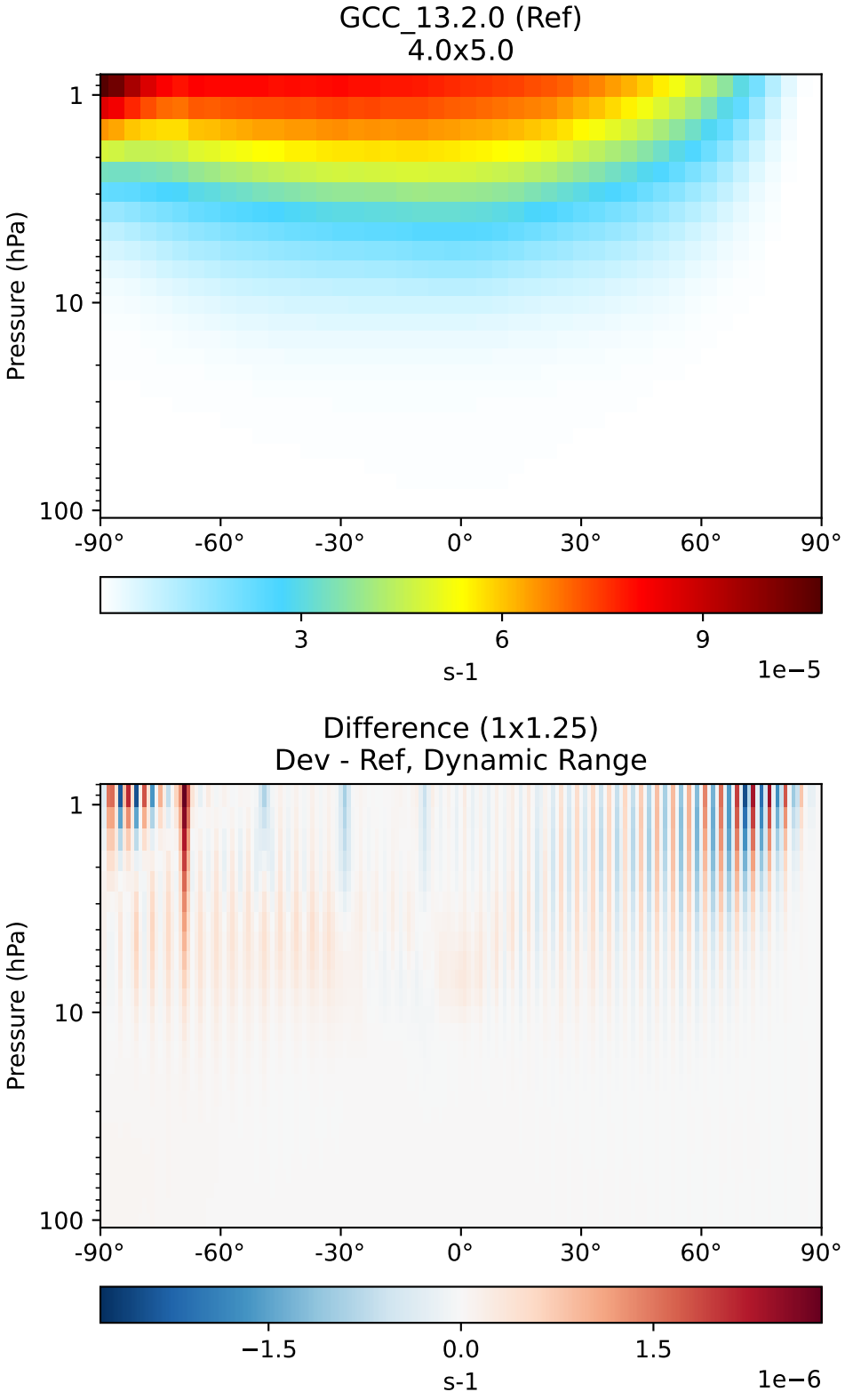


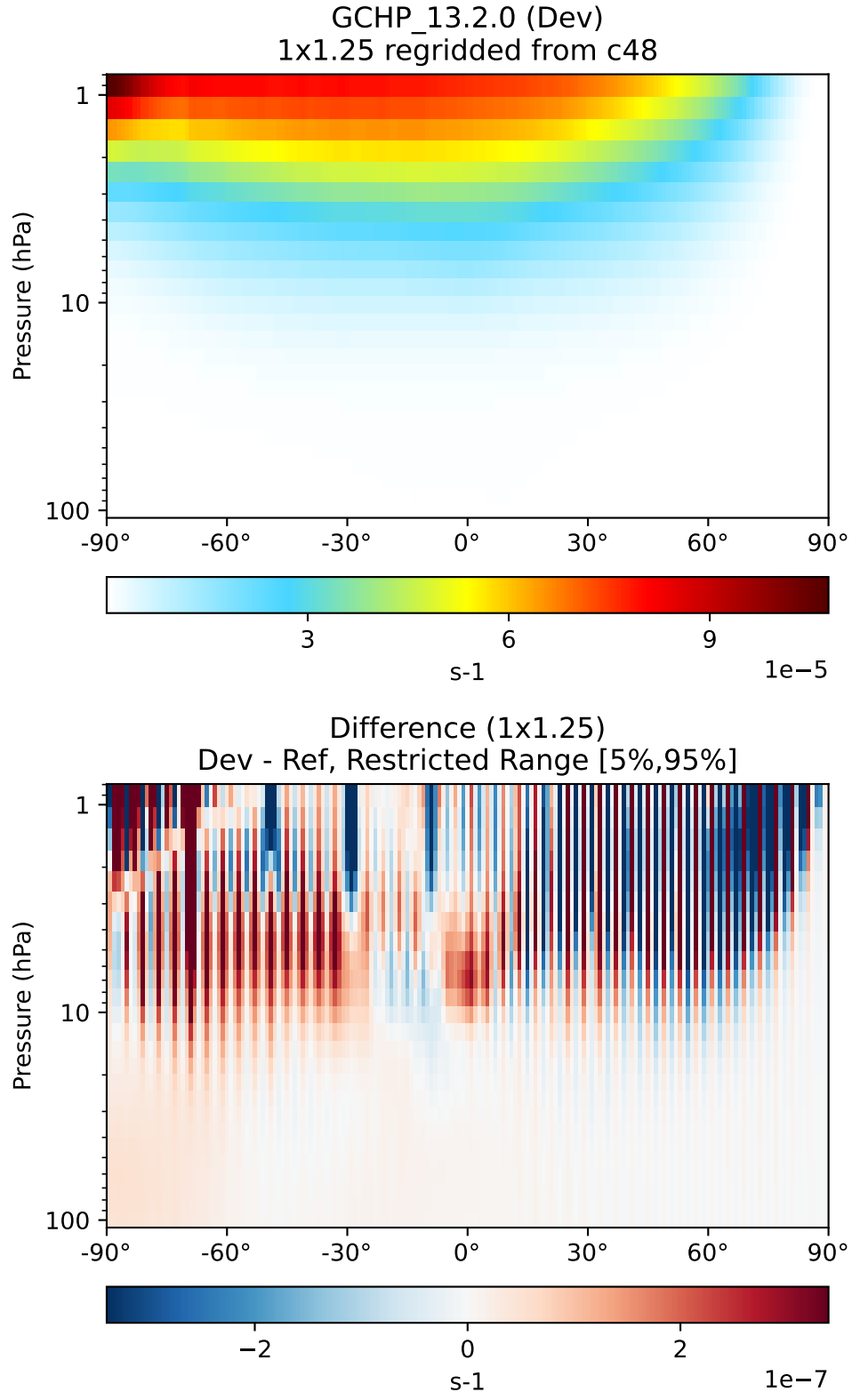
Jval_OIO, Zonal Mean (Oct2019)

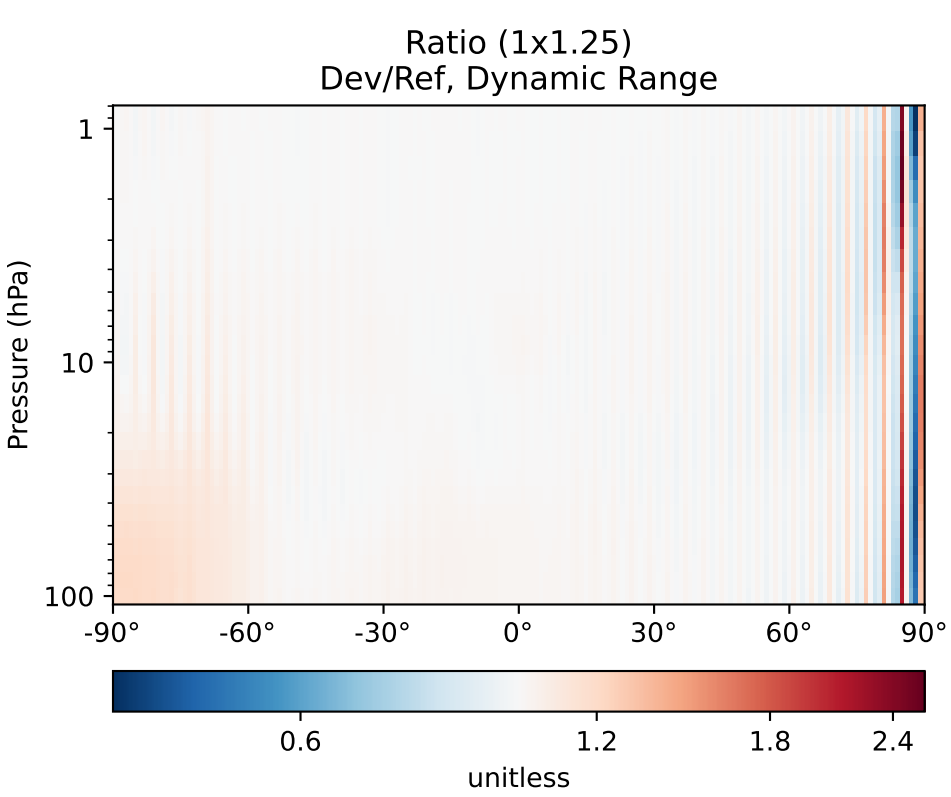


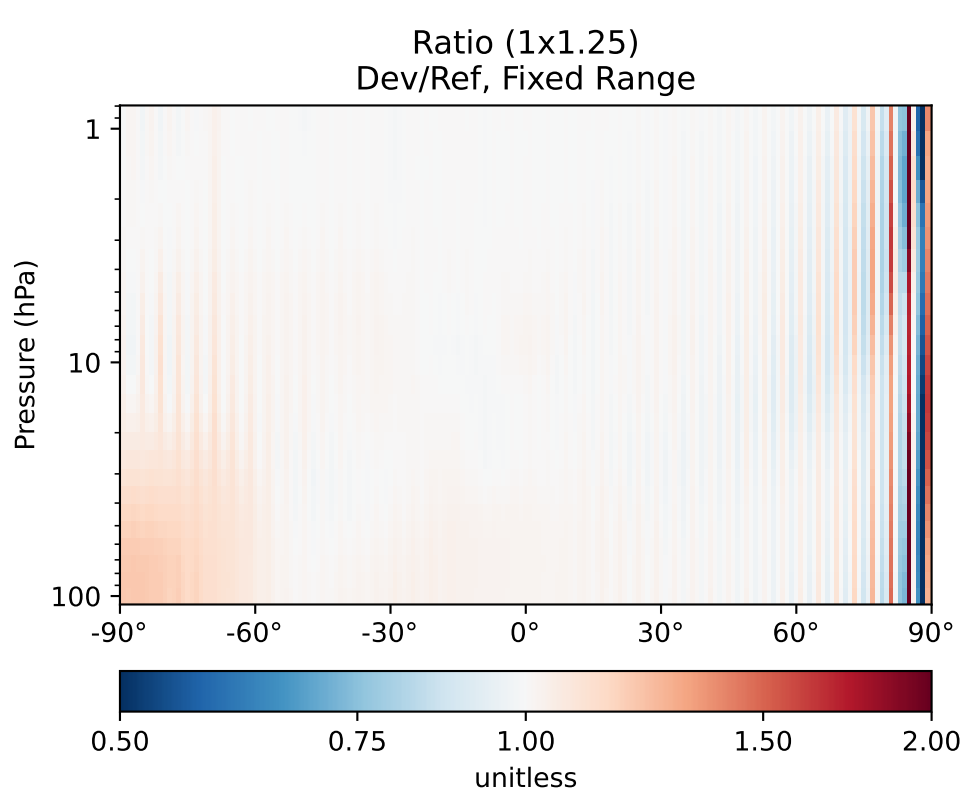


Jval_PAN, Zonal Mean (Oct2019)

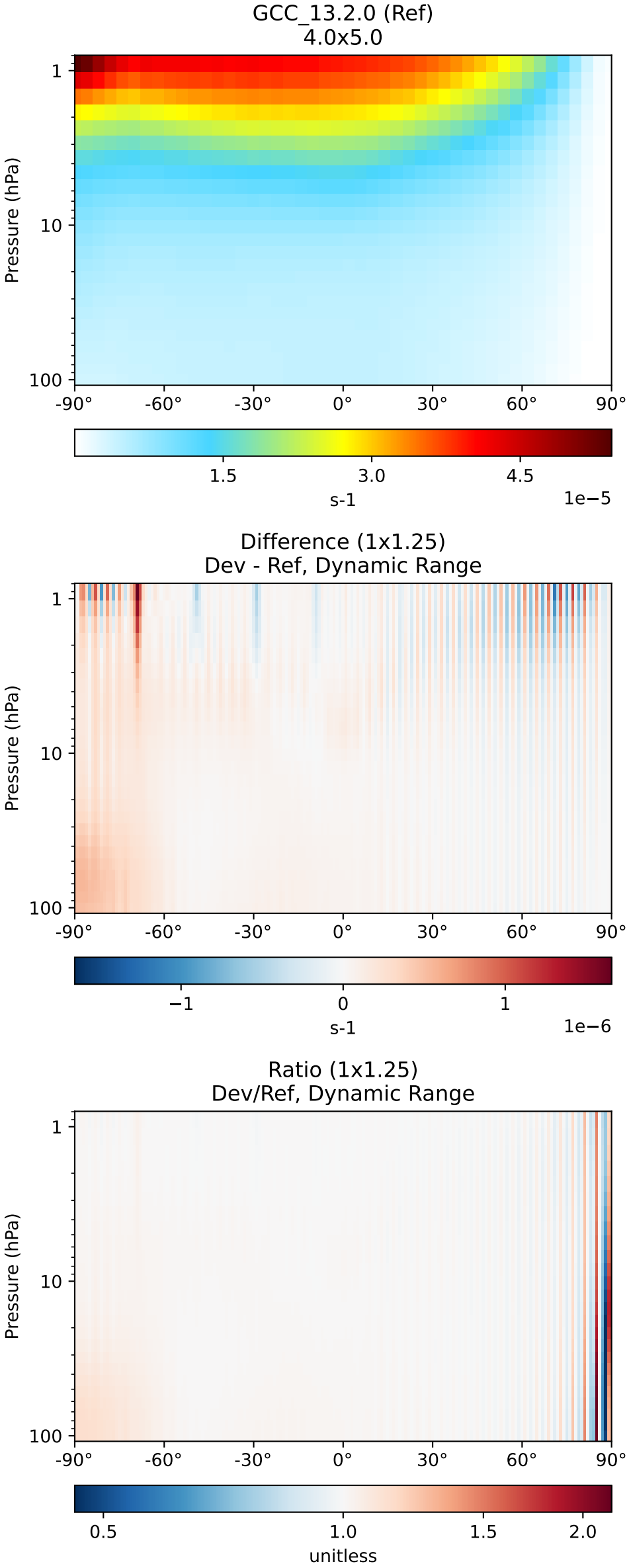


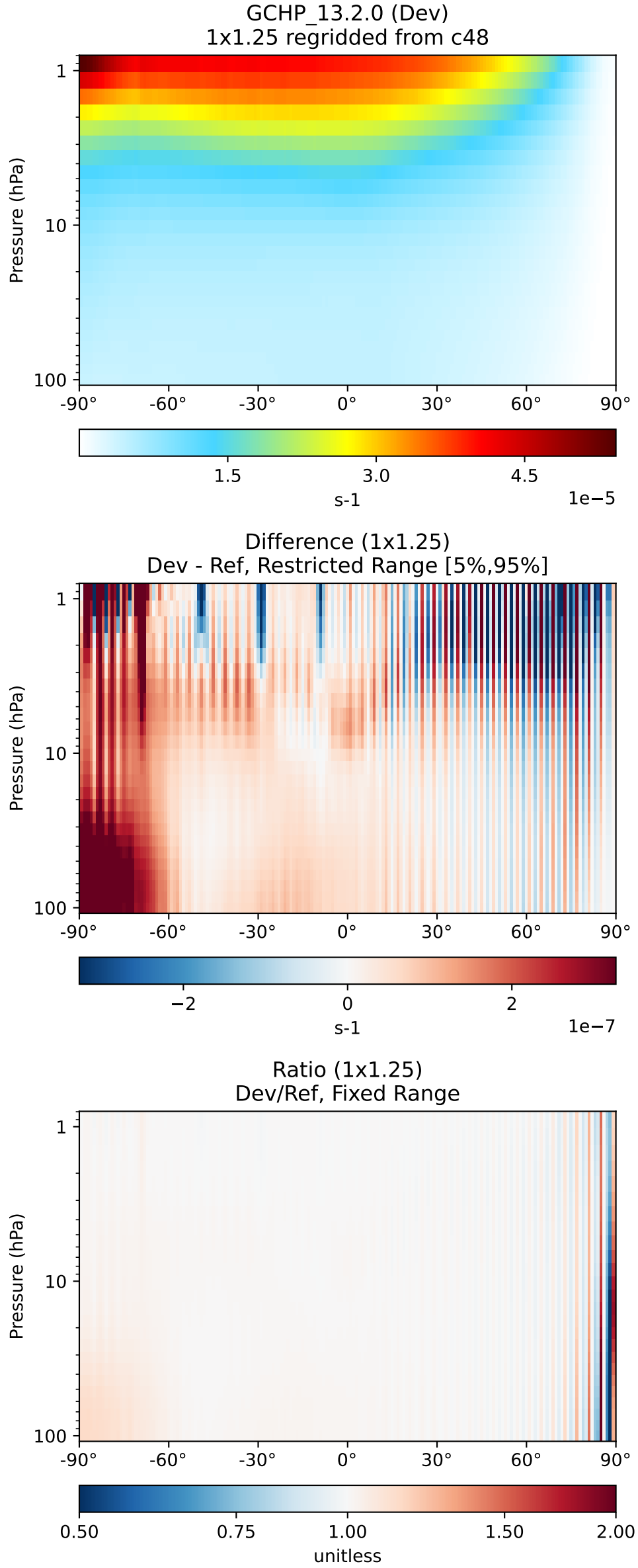




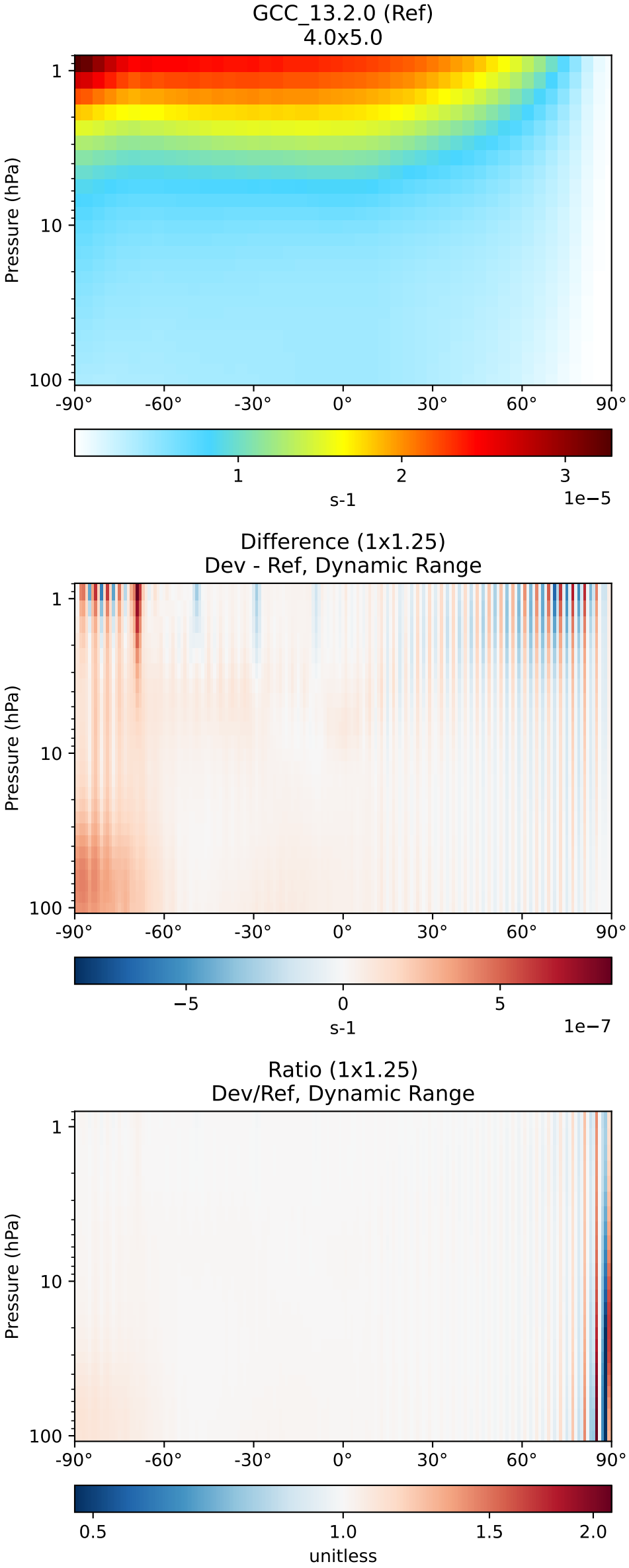


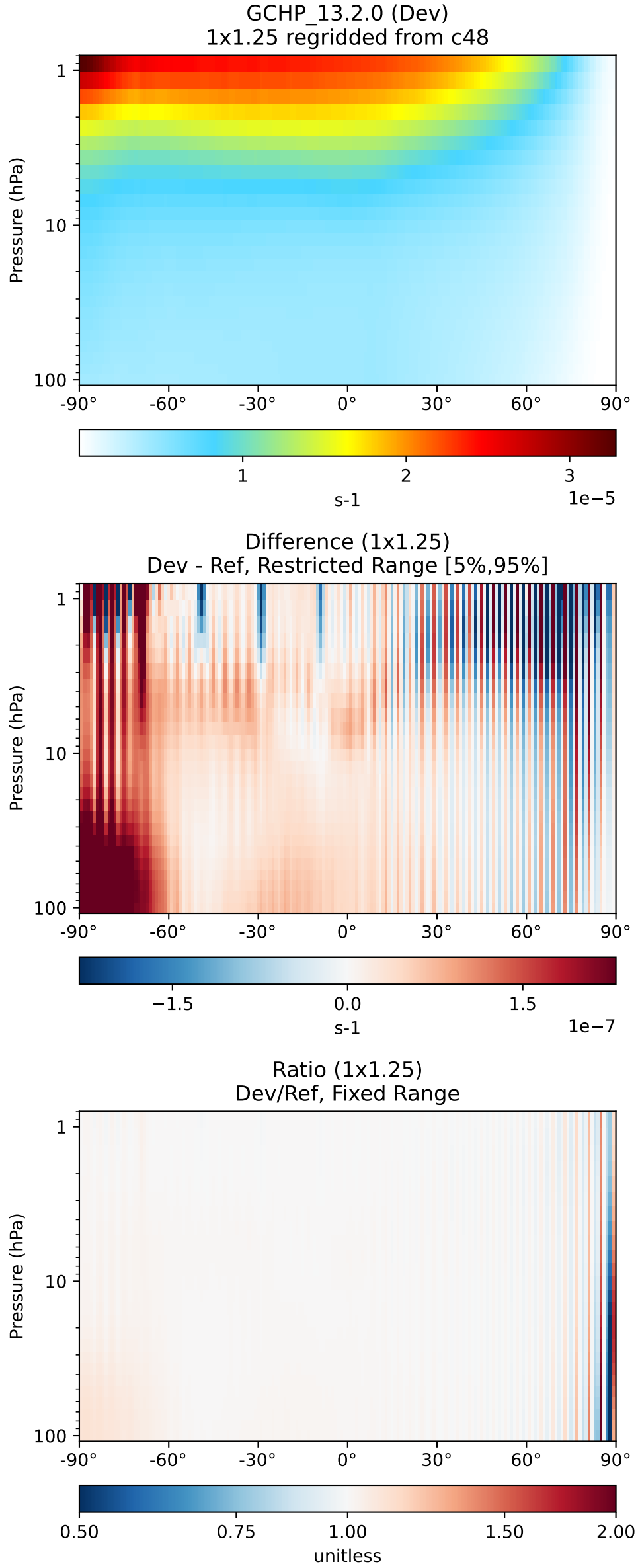
Jval_PIP, Zonal Mean (Oct2019)



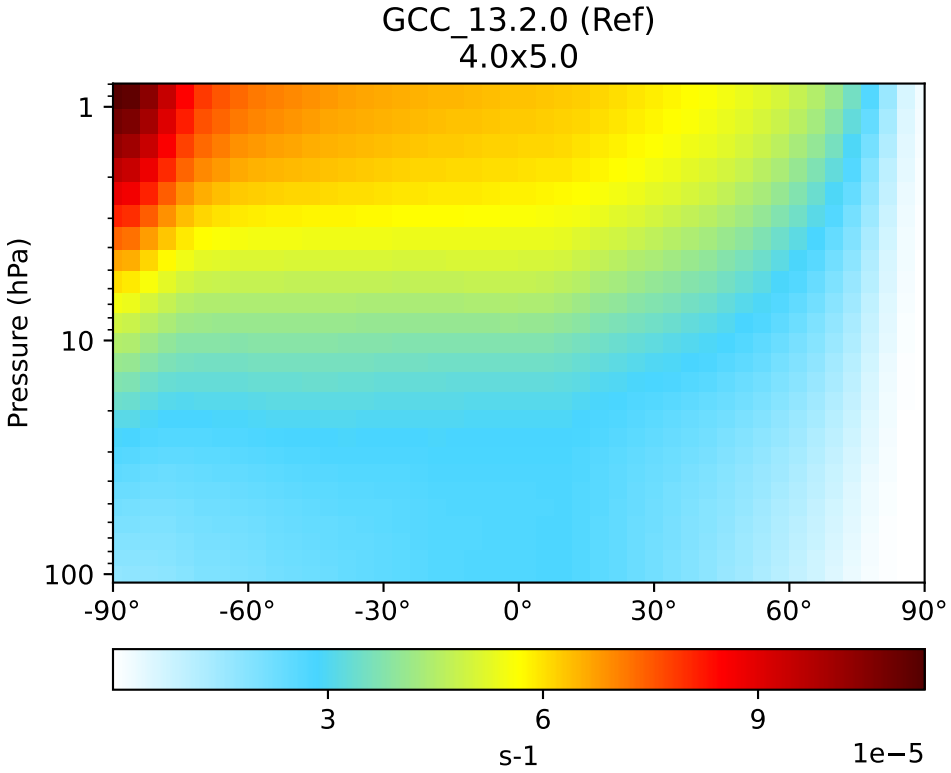


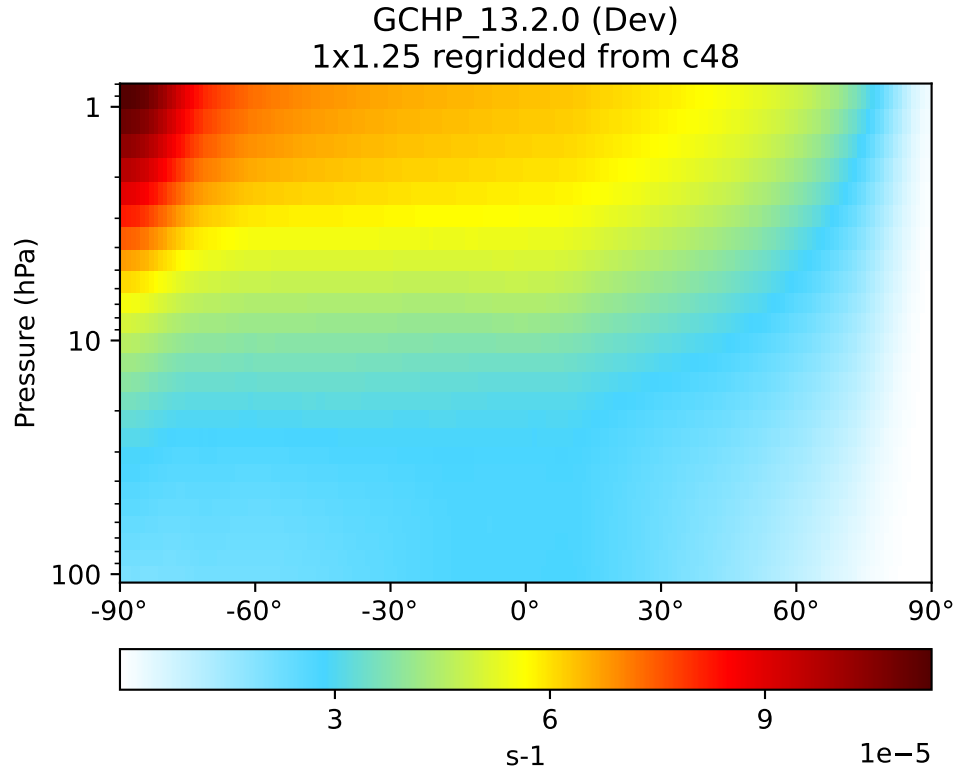
Jval_PP, Zonal Mean (Oct2019)

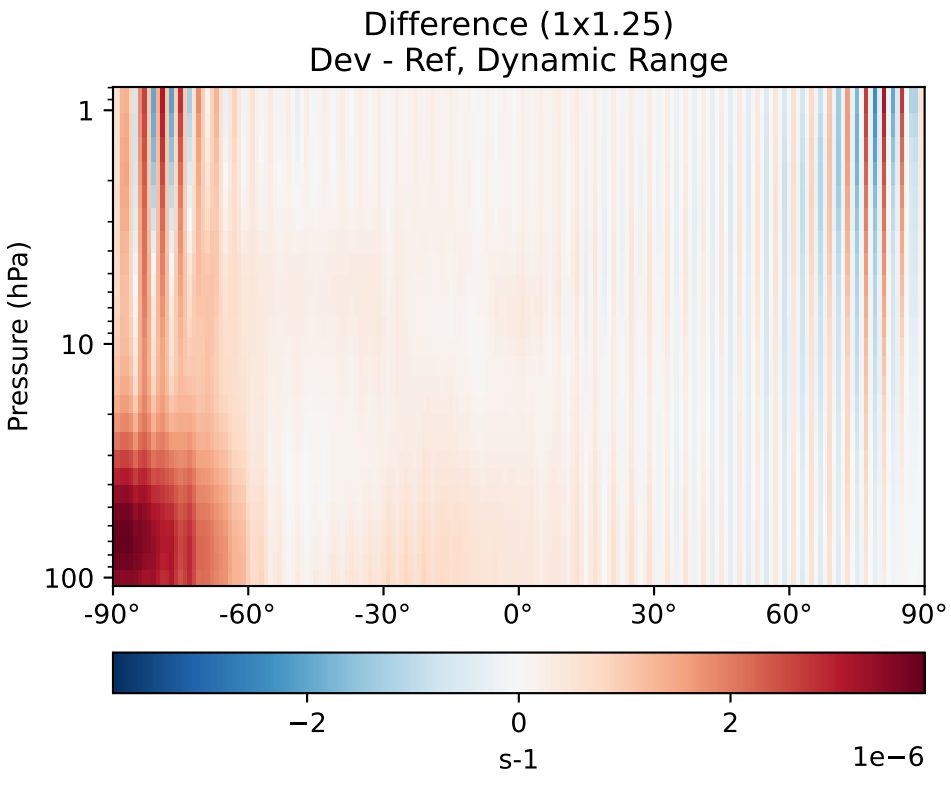


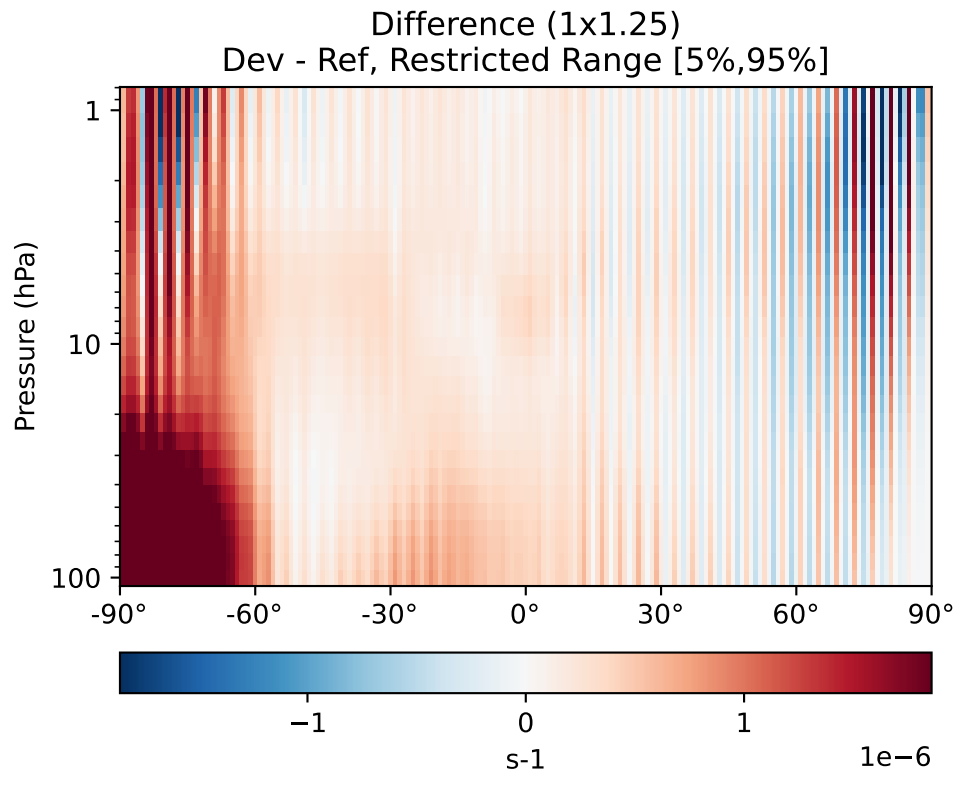


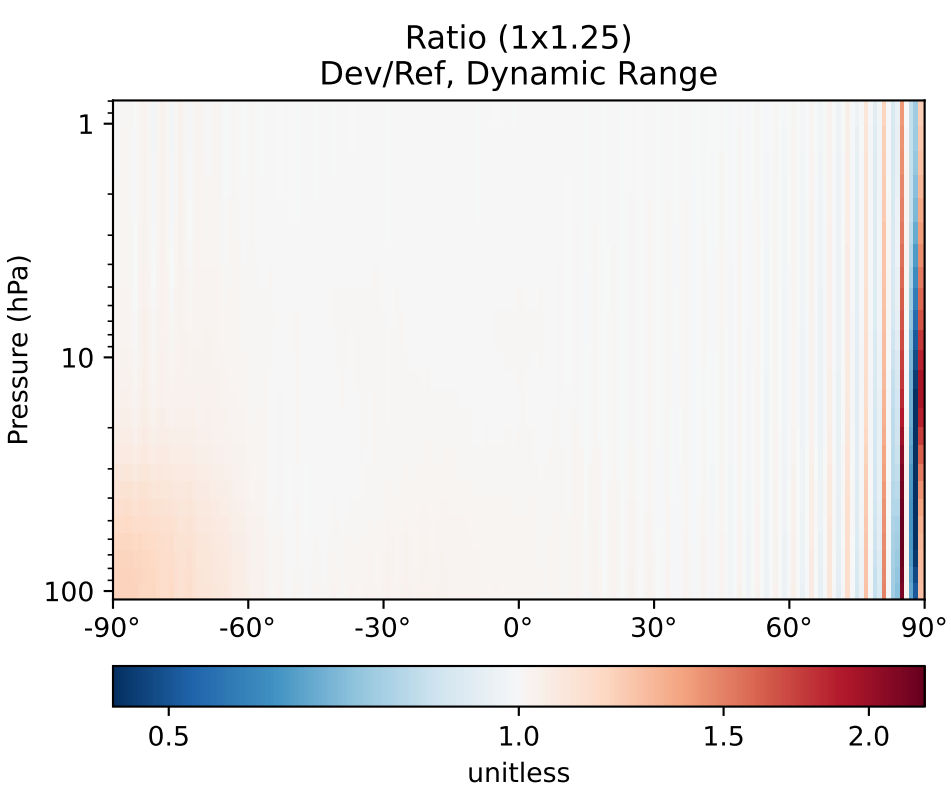
Jval_PROPNN, Zonal Mean (Oct2019)

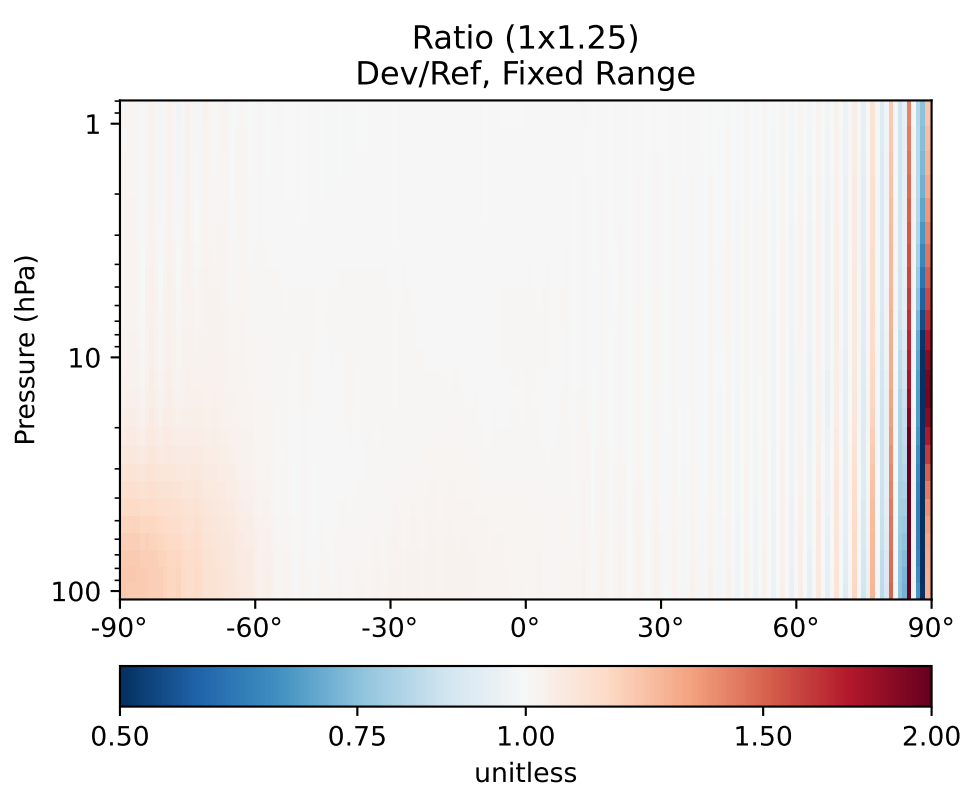




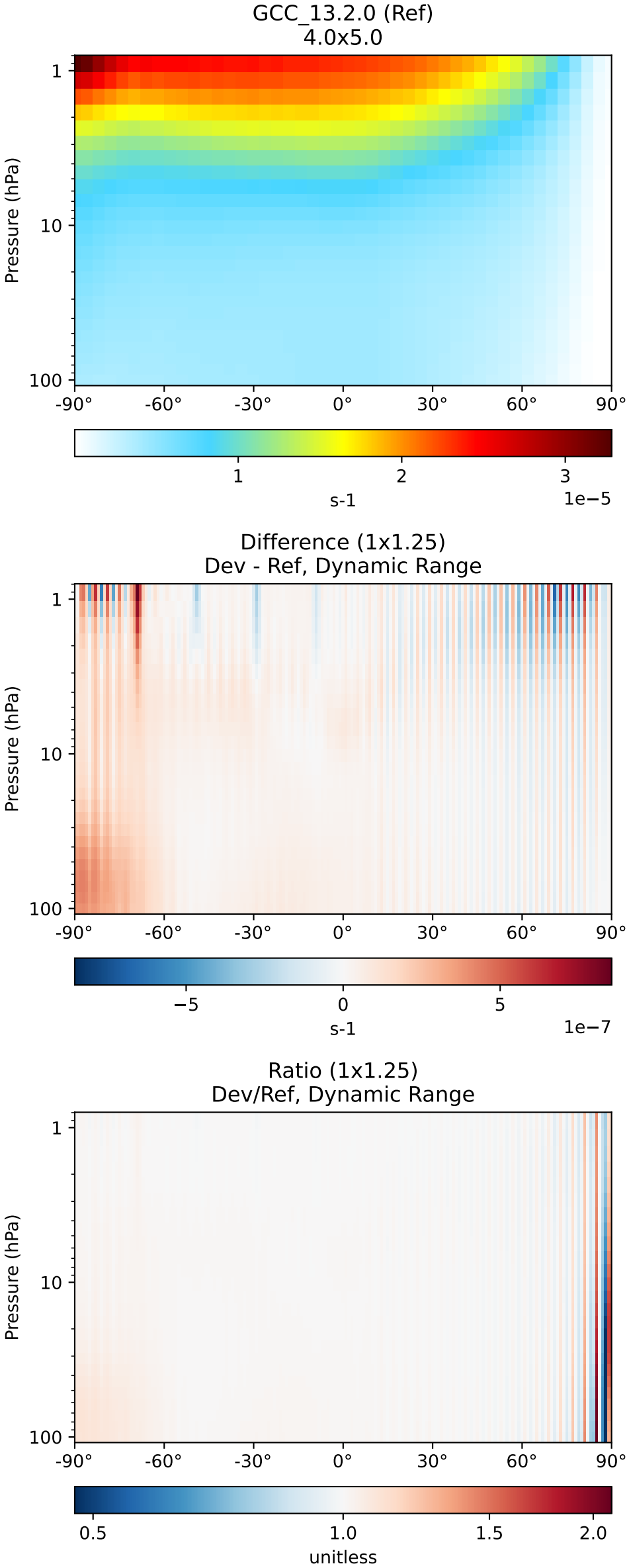


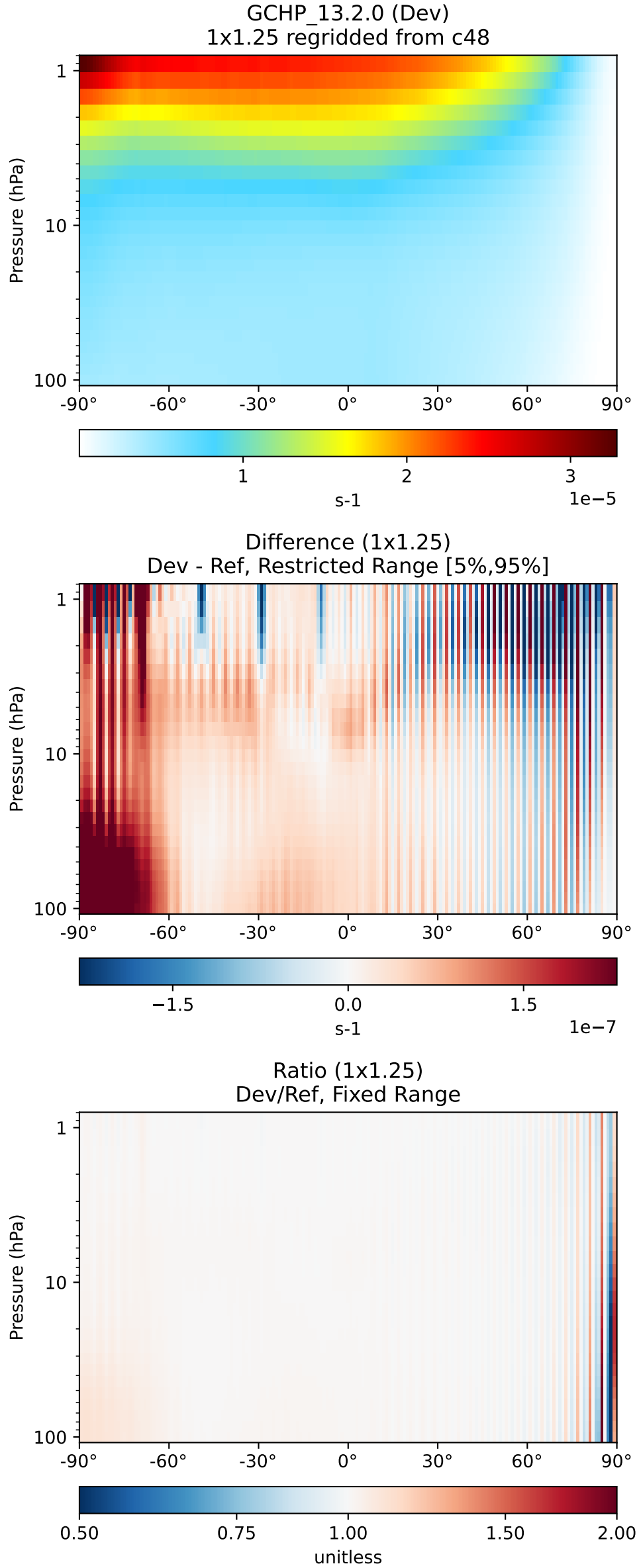




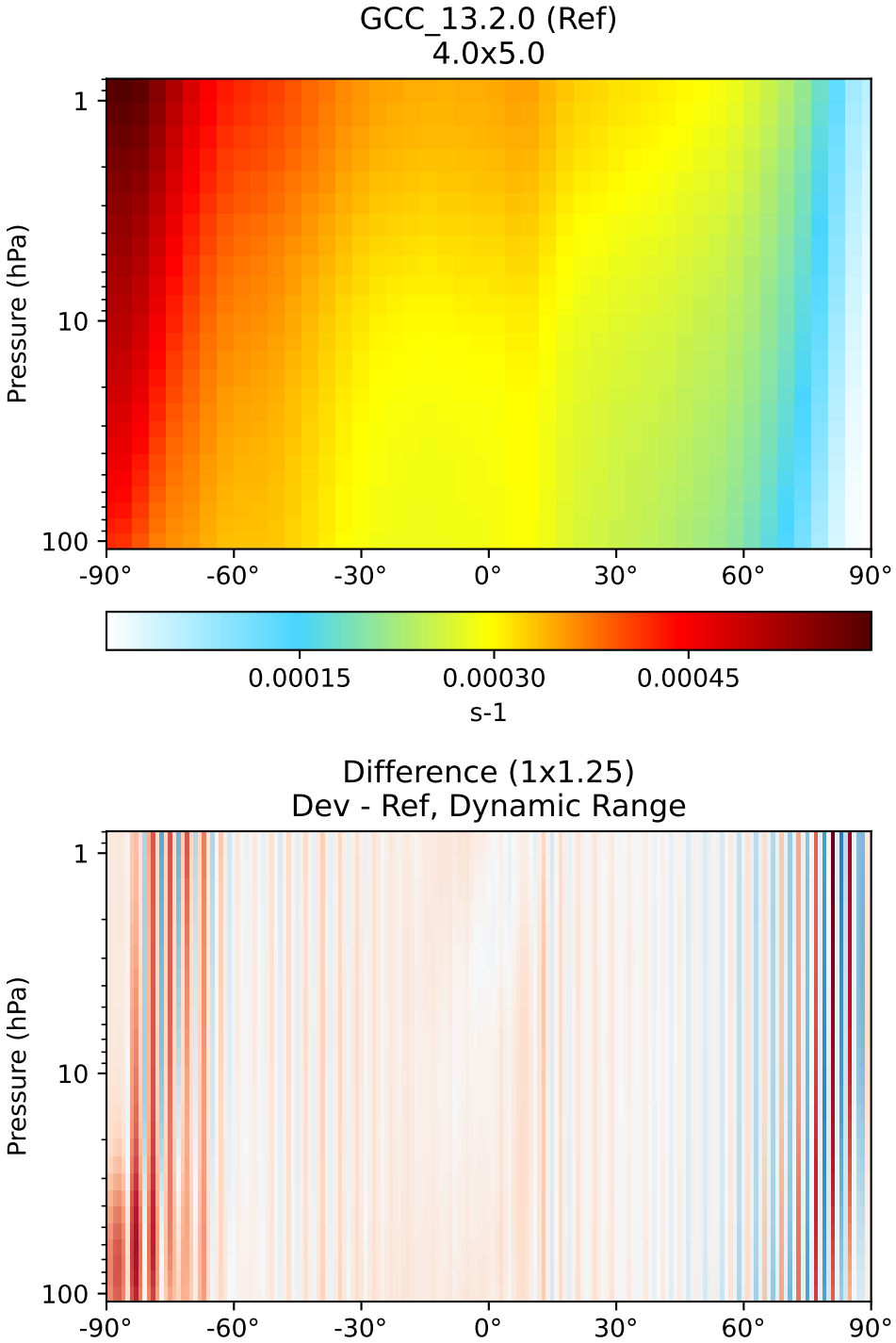


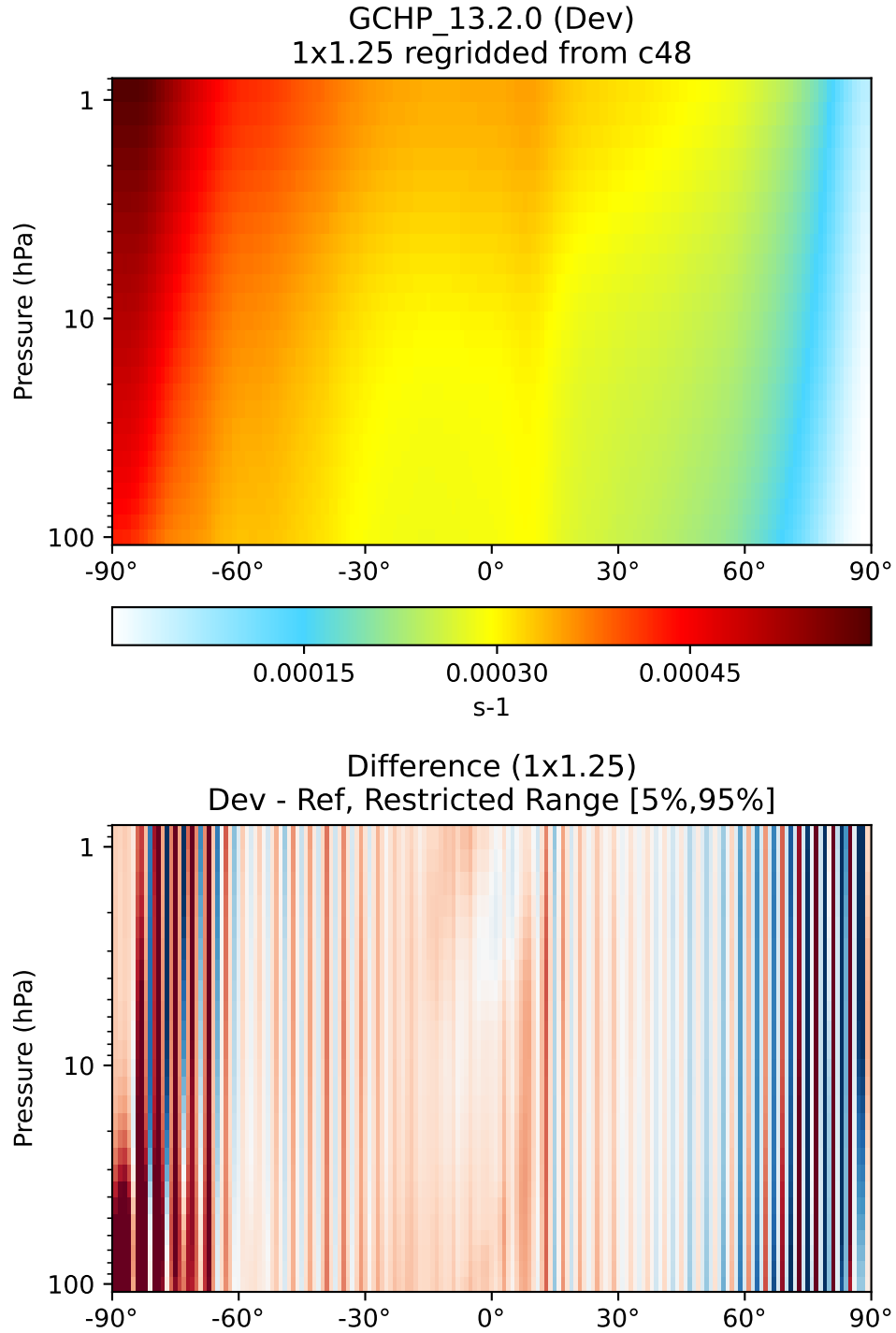
Jval_PRPN, Zonal Mean (Oct2019)

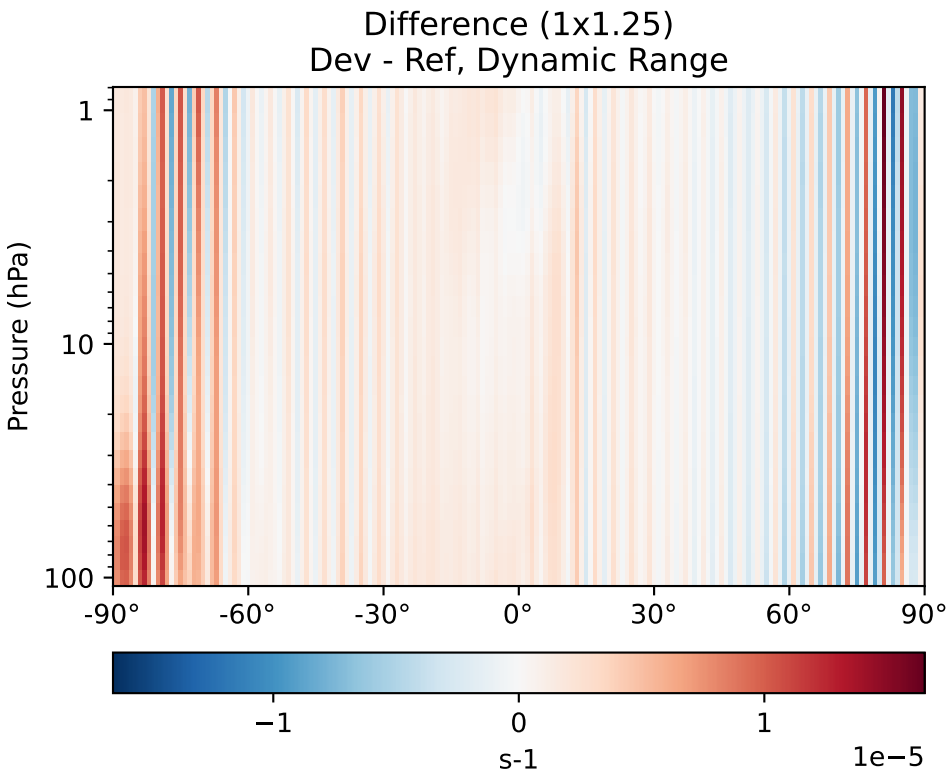


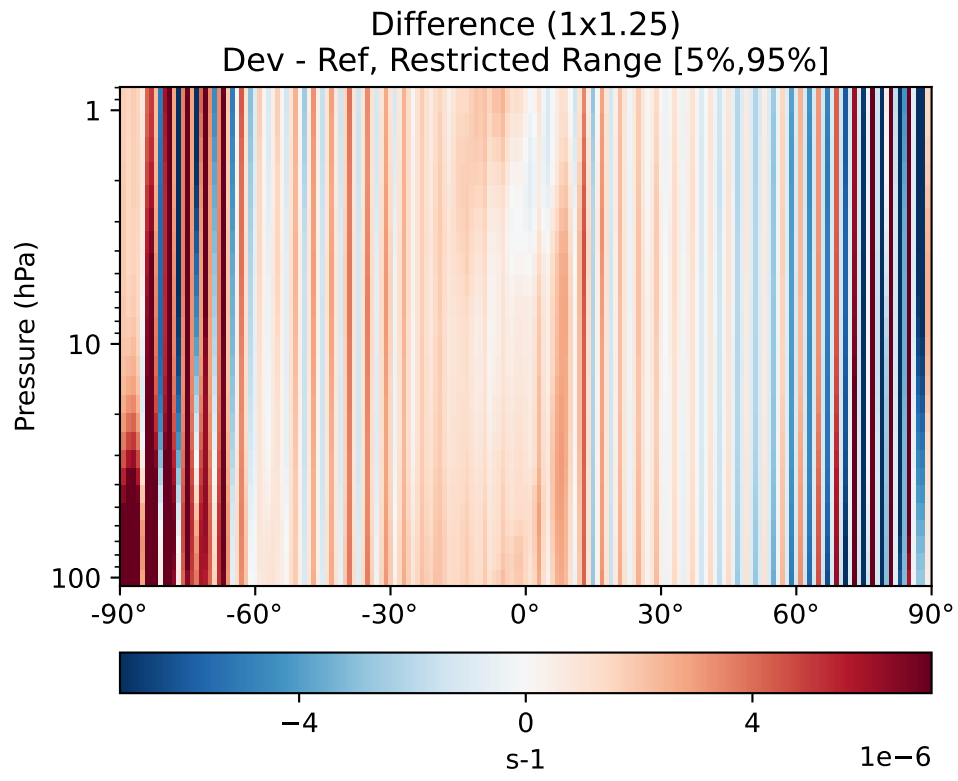


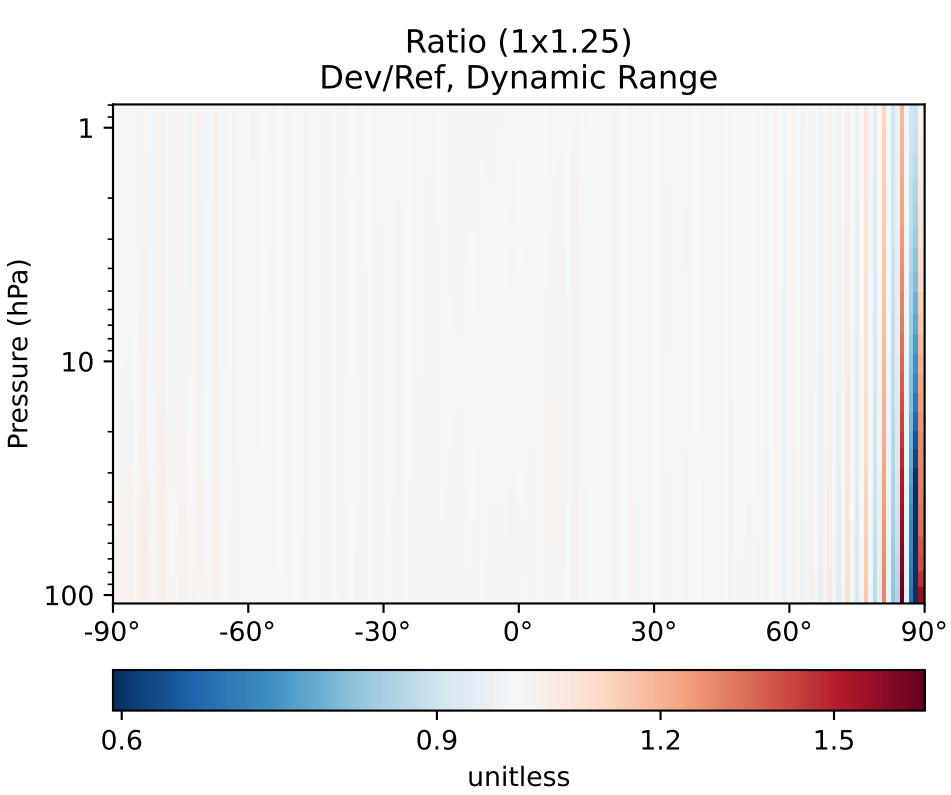
Jval_PYAC, Zonal Mean (Oct2019)

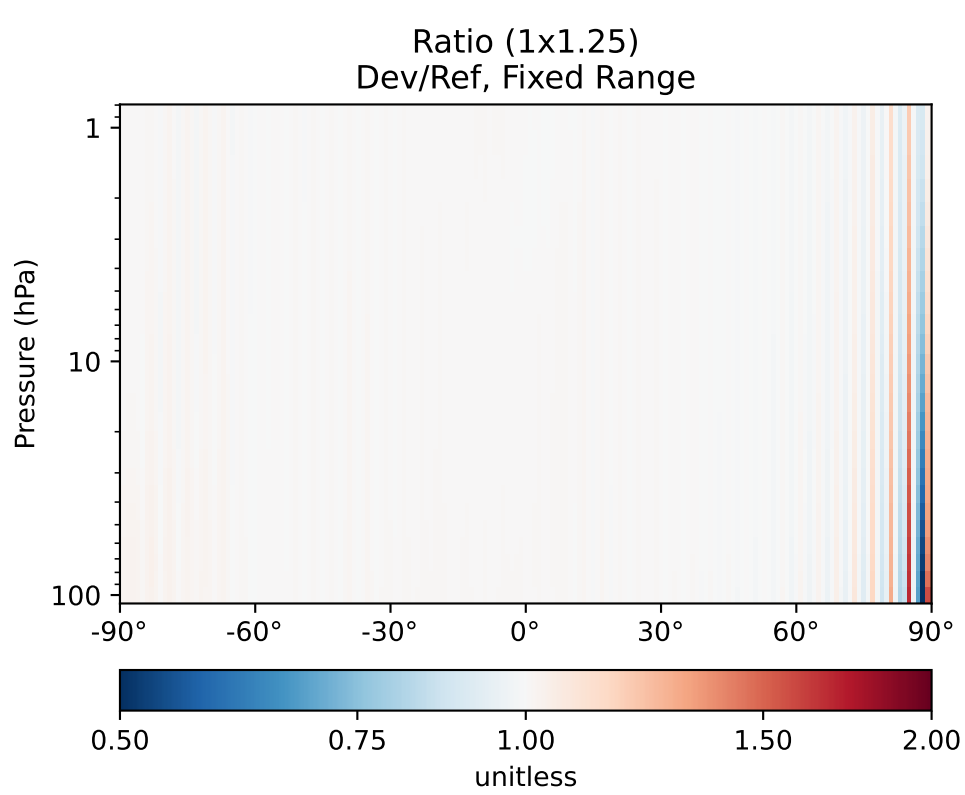




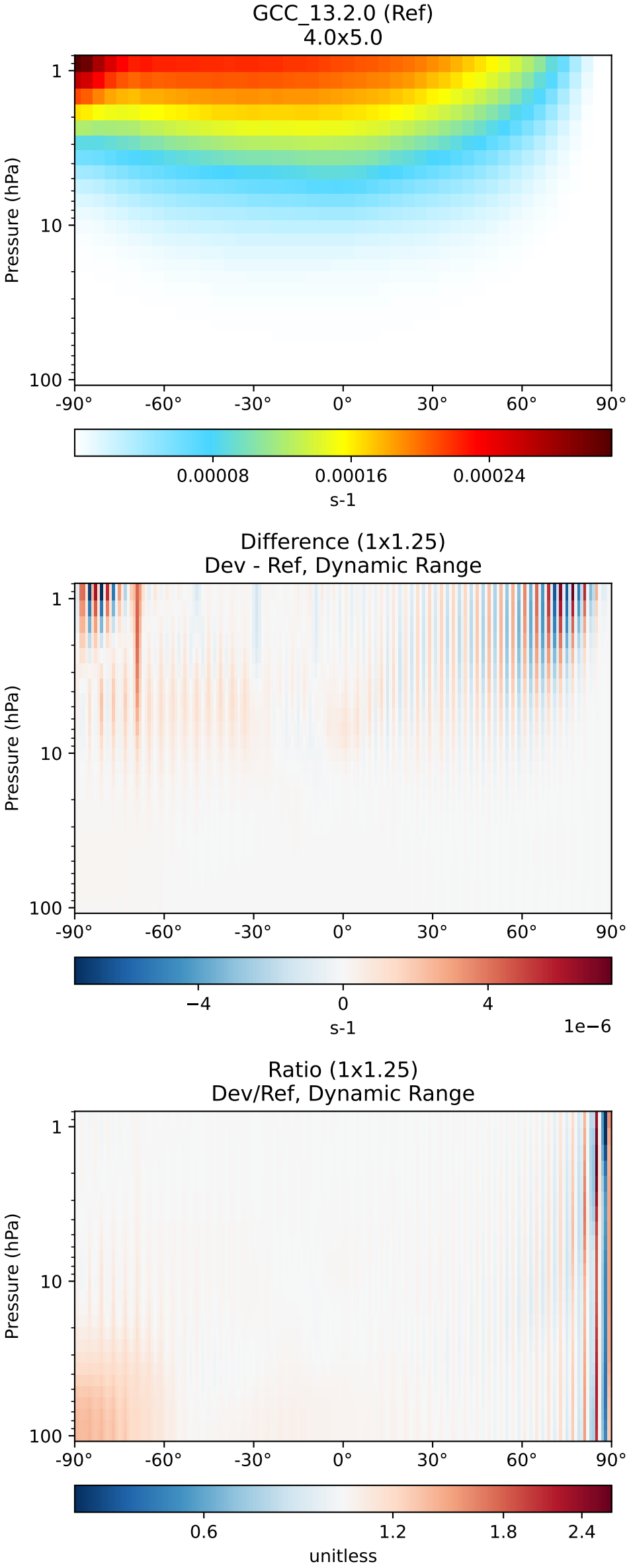


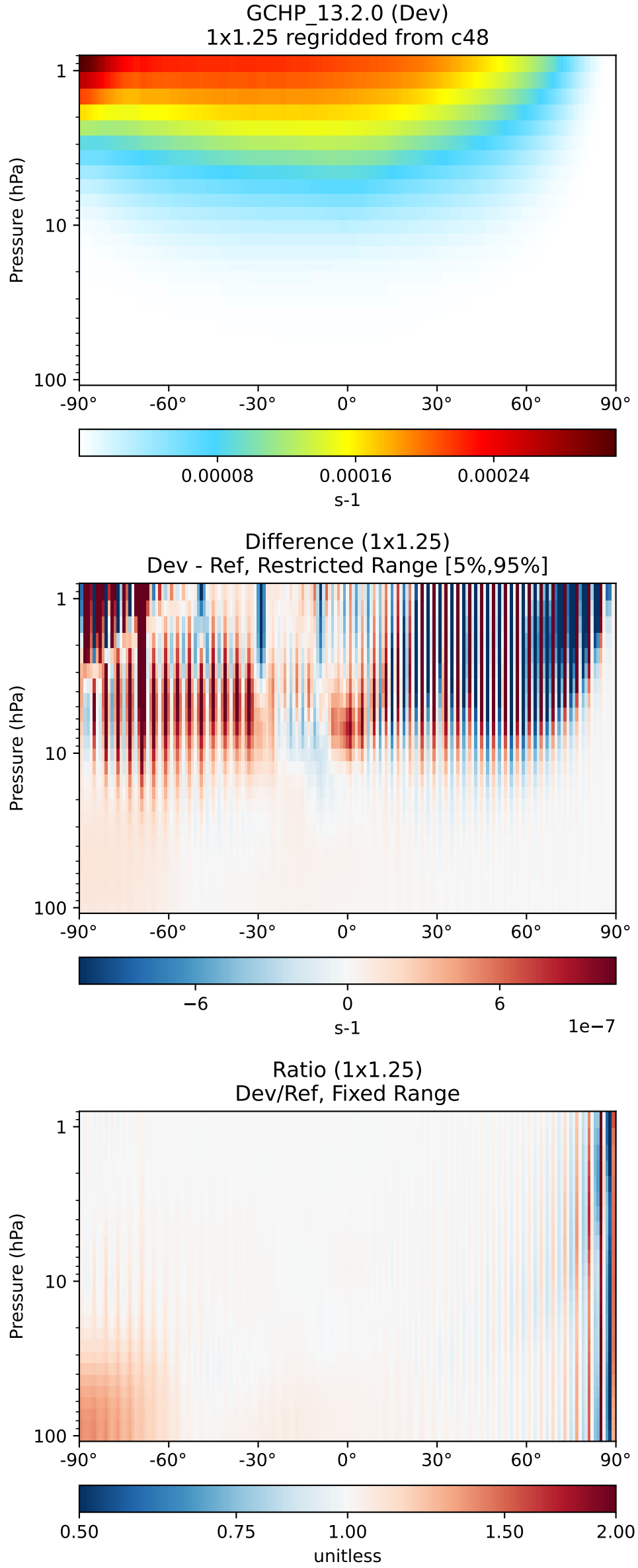




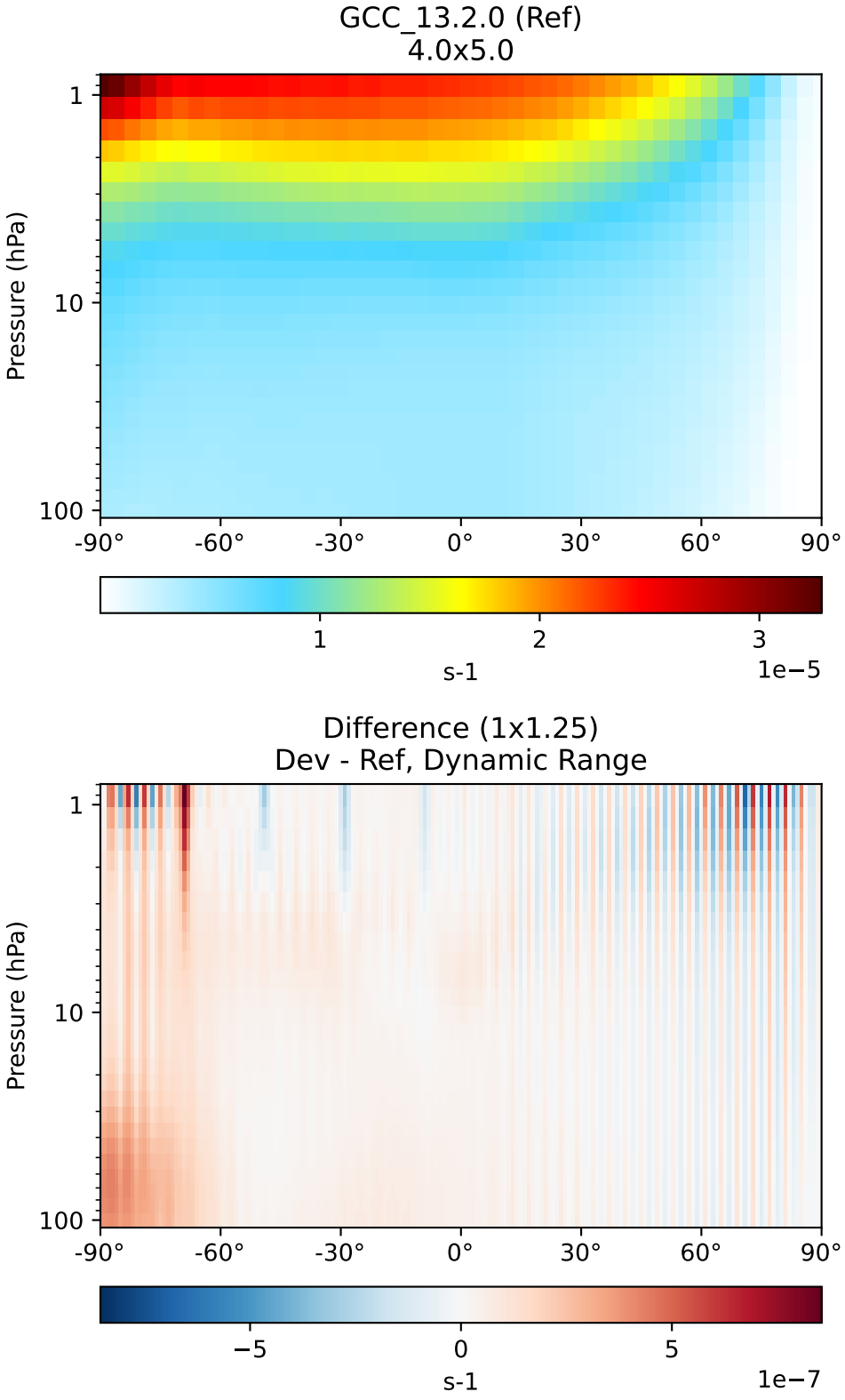


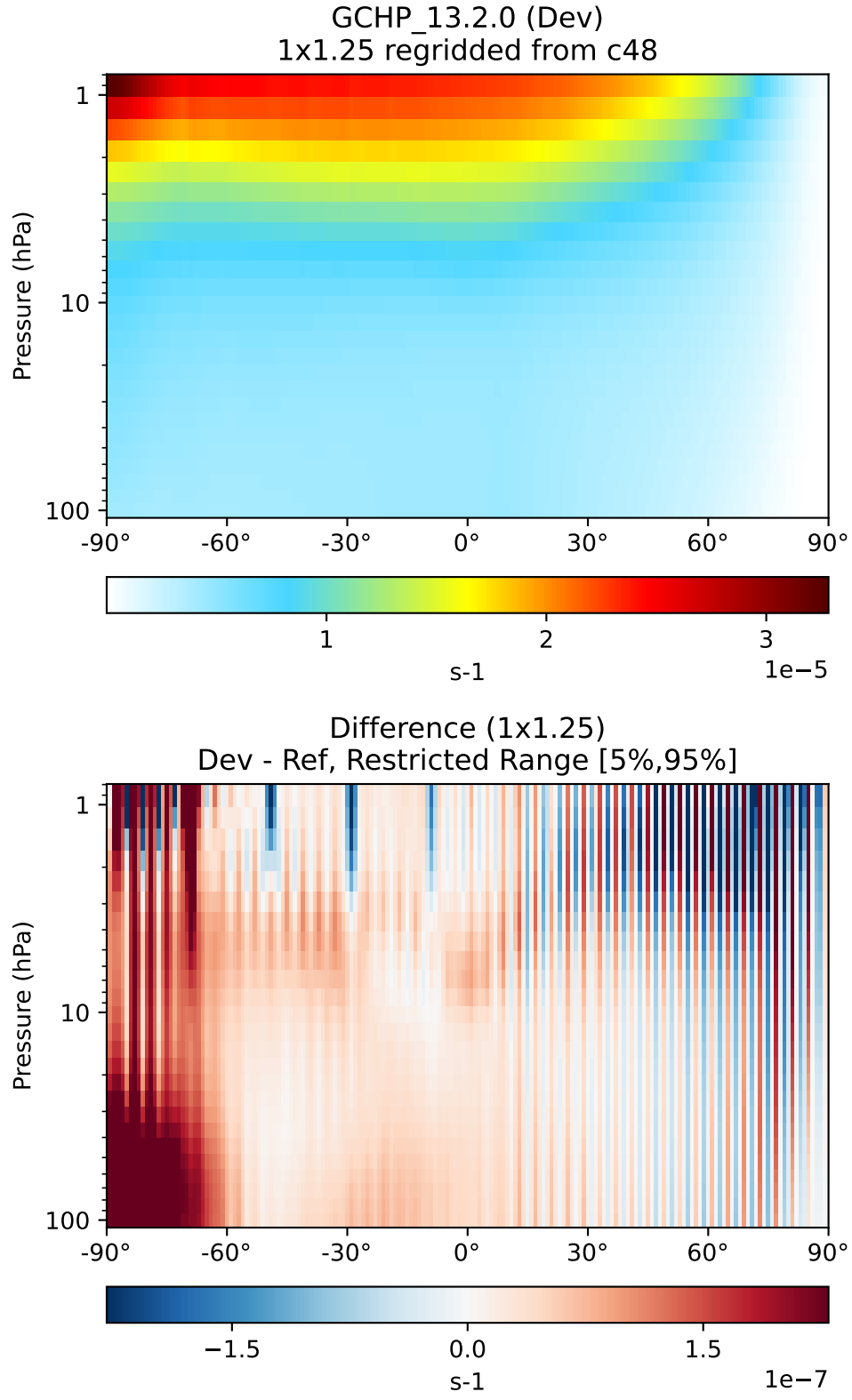
Jval_R4N2, Zonal Mean (Oct2019)

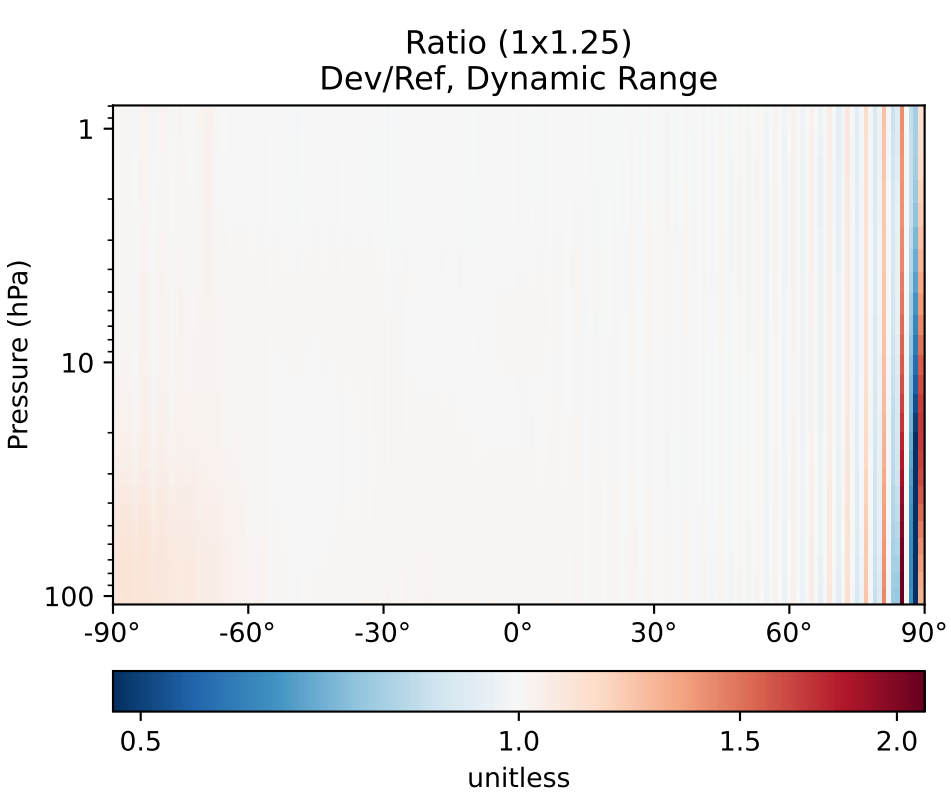


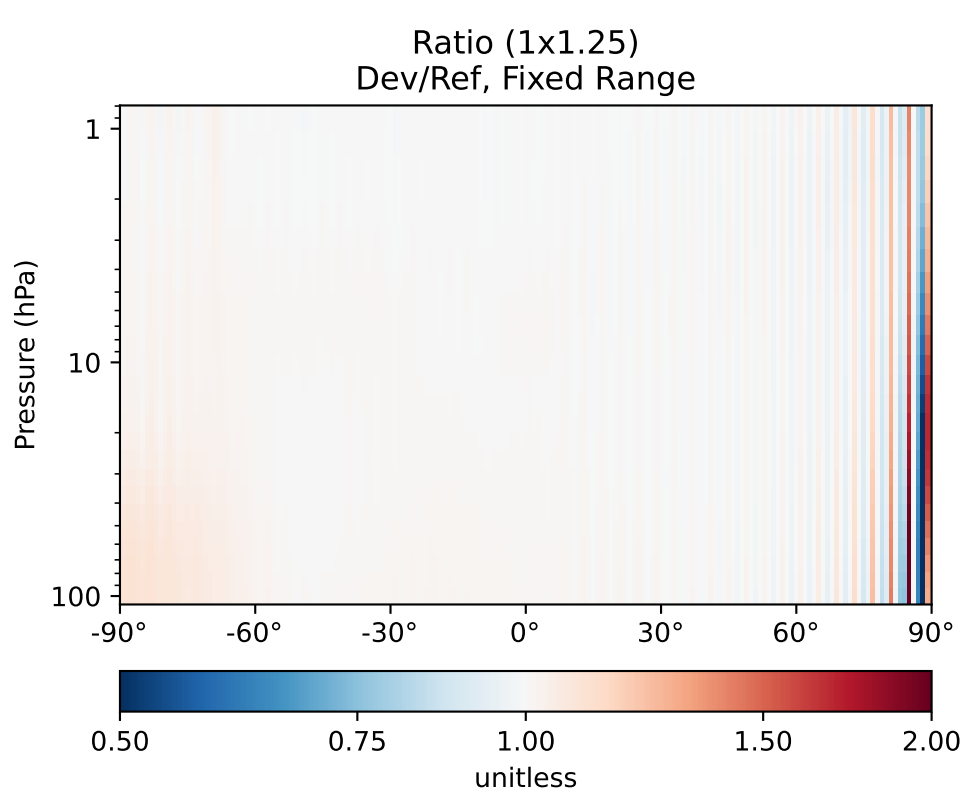


Jval_R4P, Zonal Mean (Oct2019)

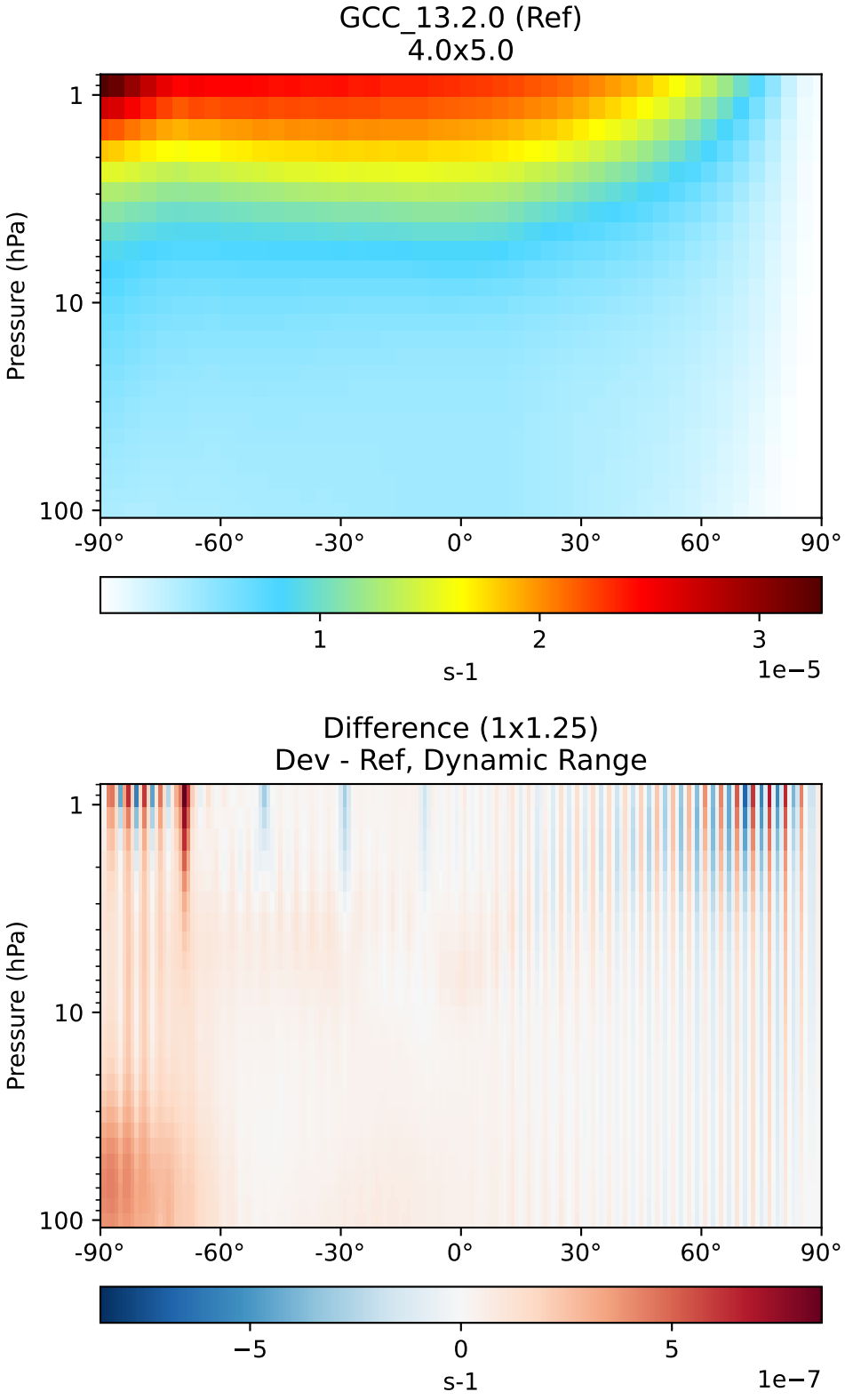


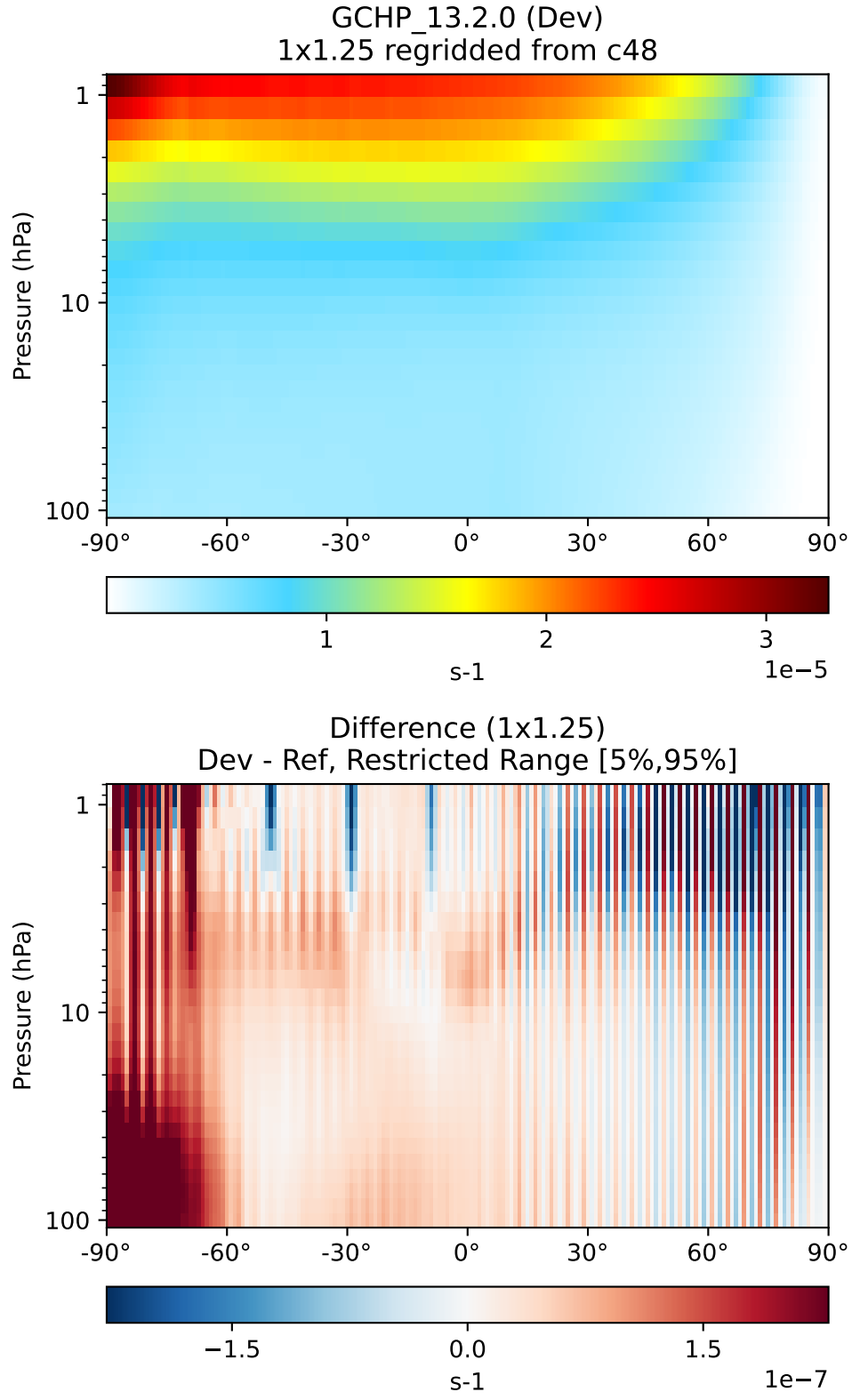


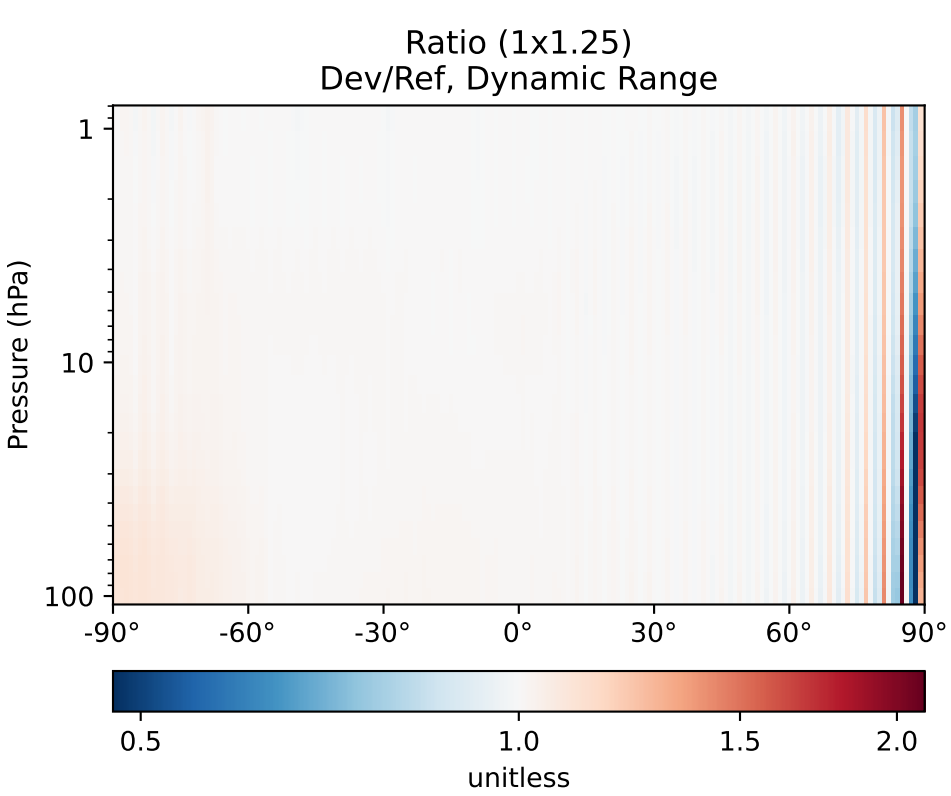


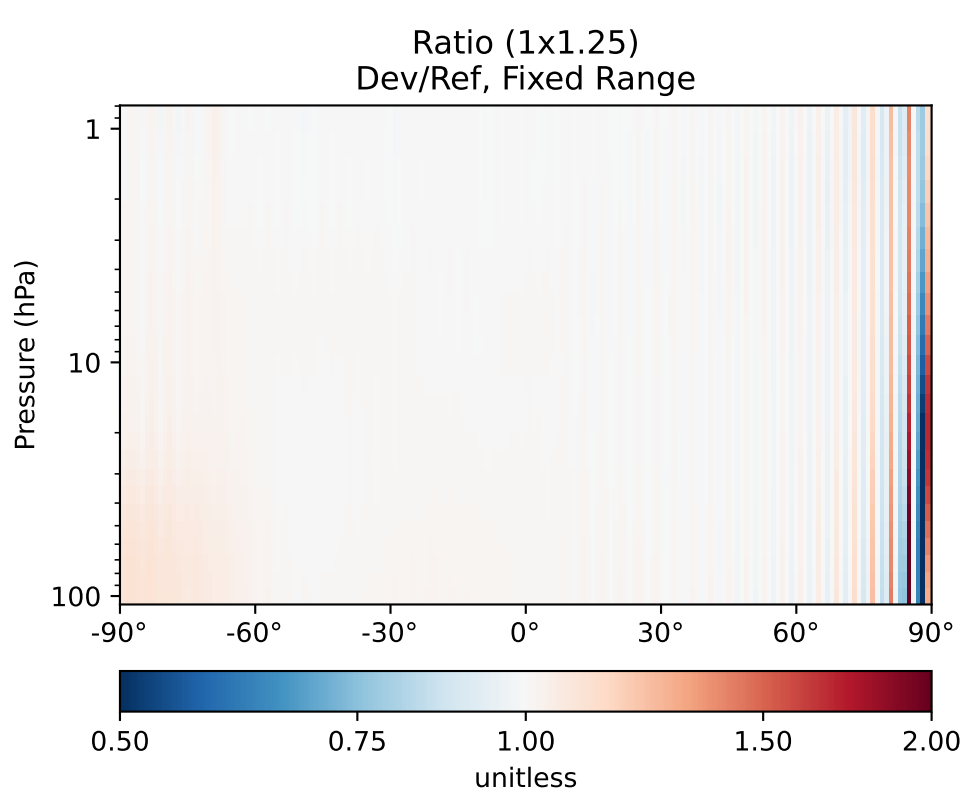


Jval_RA3P, Zonal Mean (Oct2019)

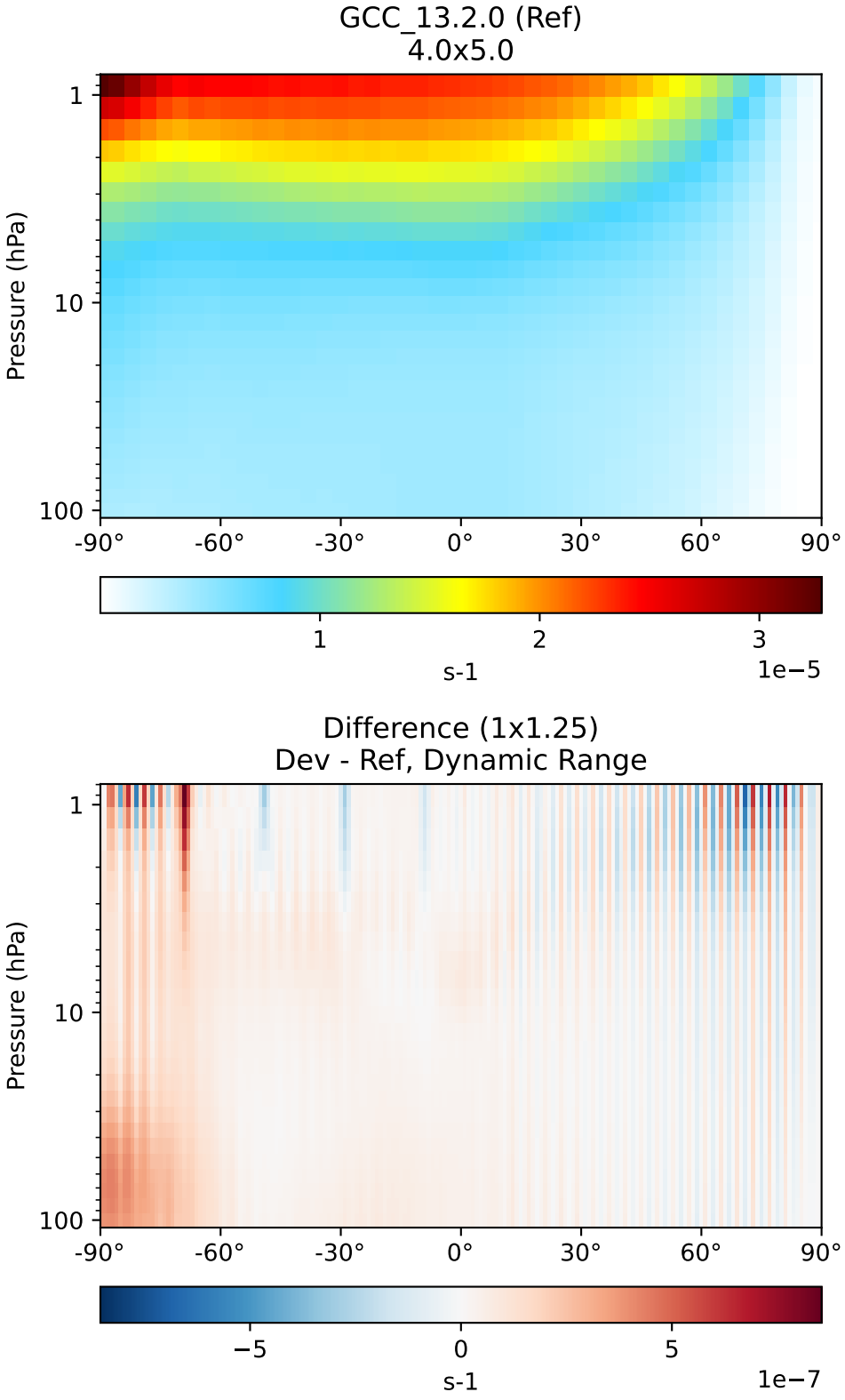


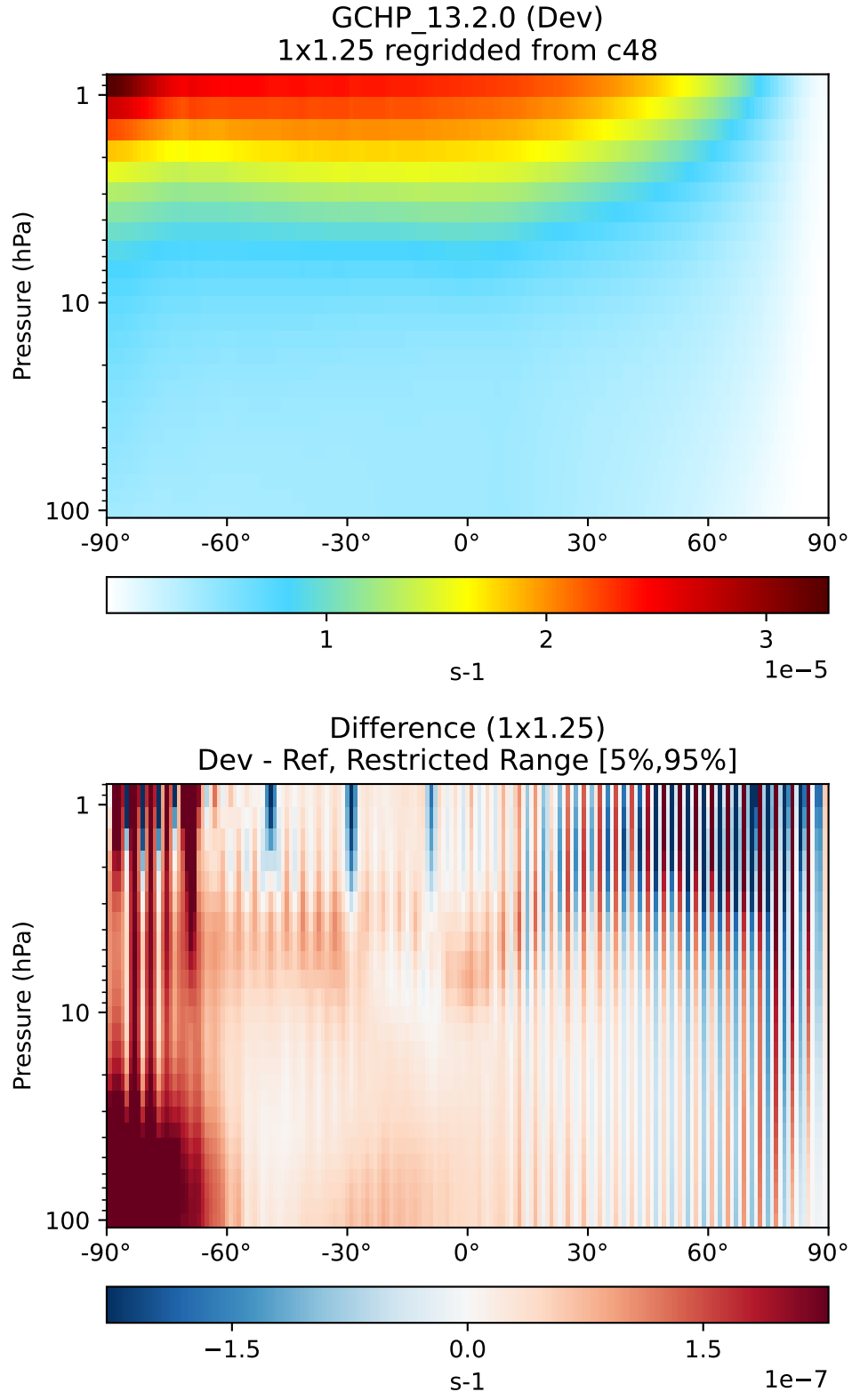


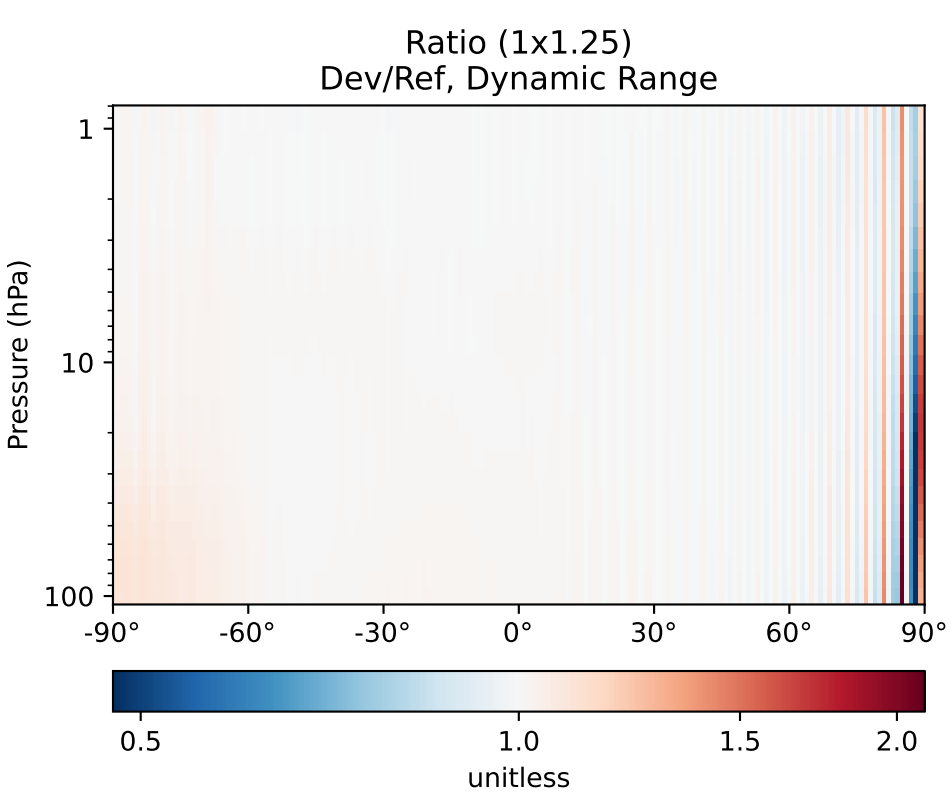


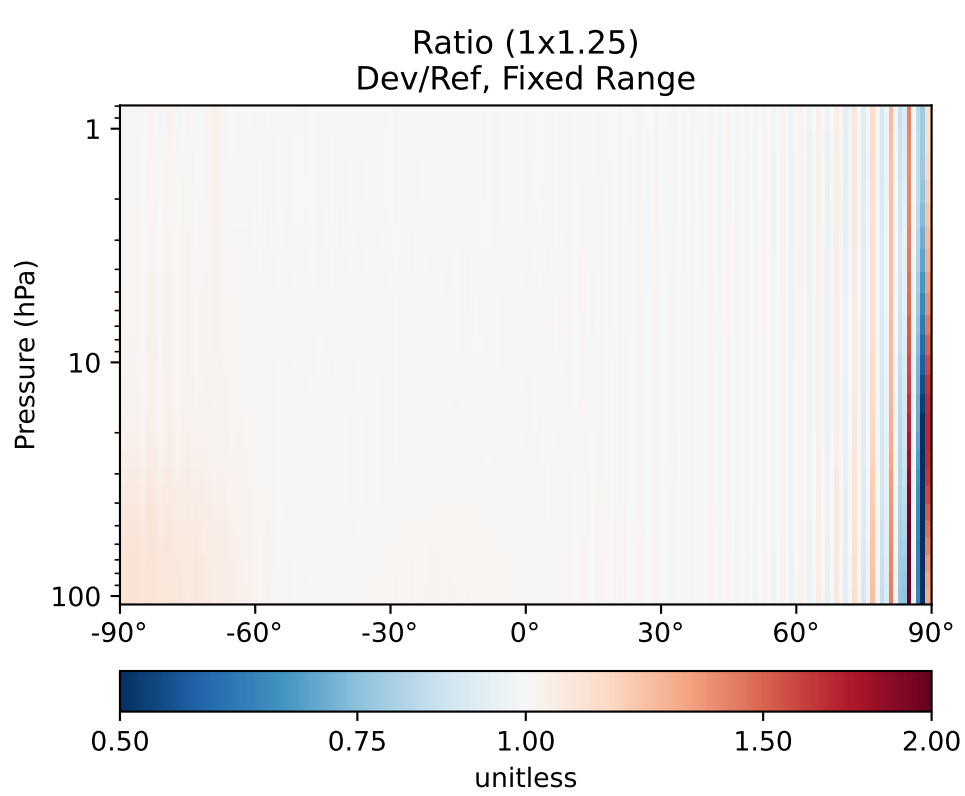


Jval_RB3P, Zonal Mean (Oct2019)

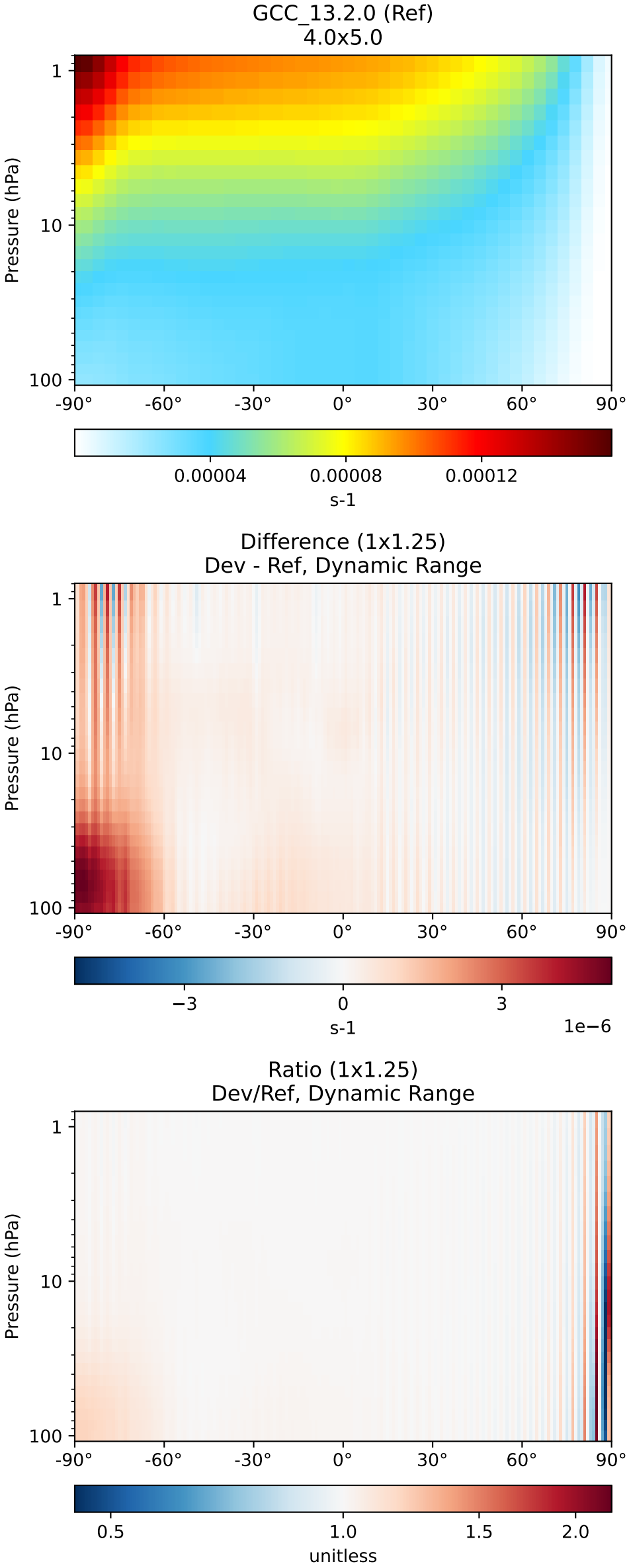


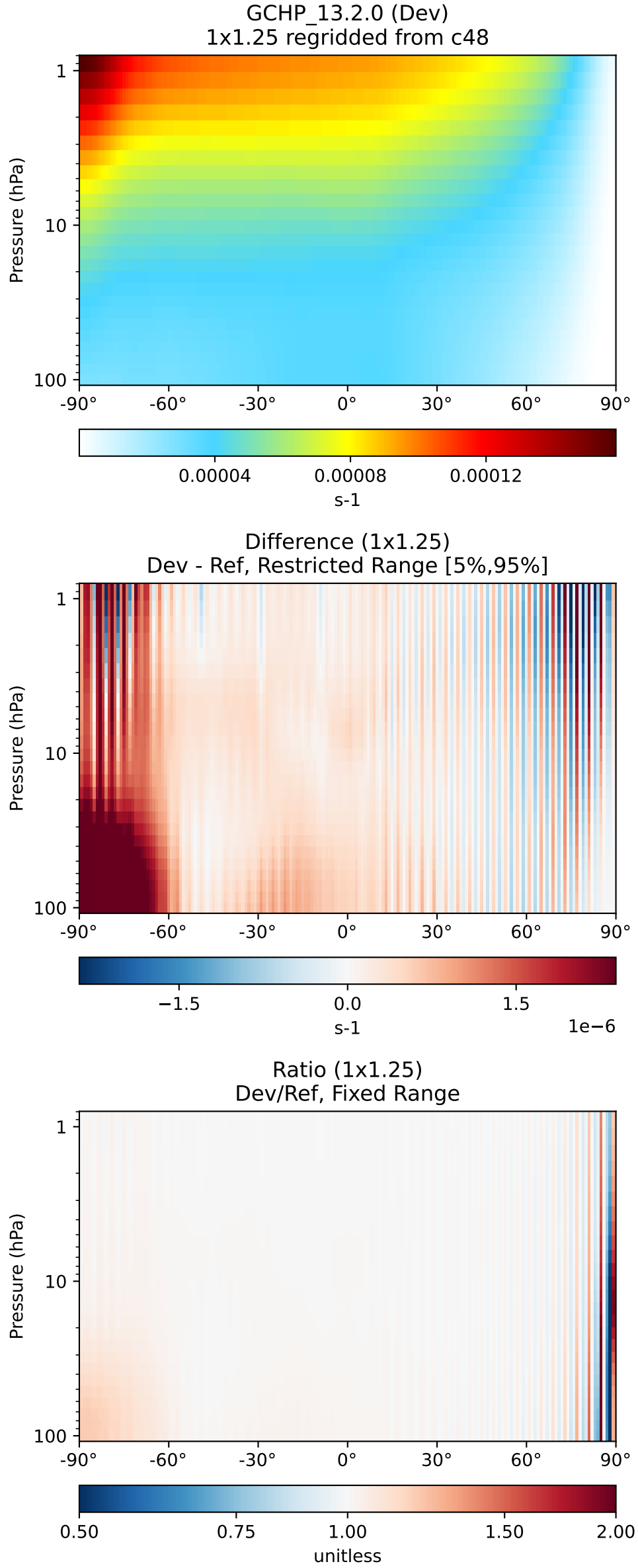




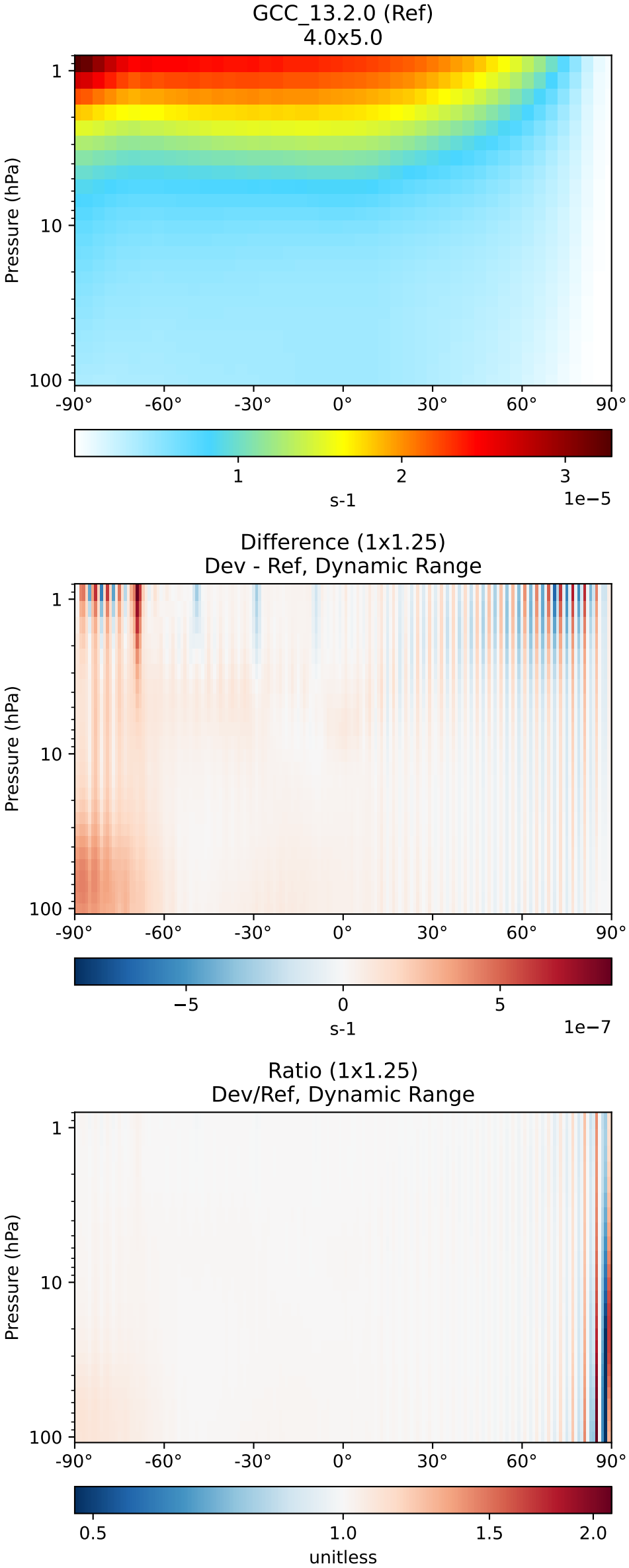


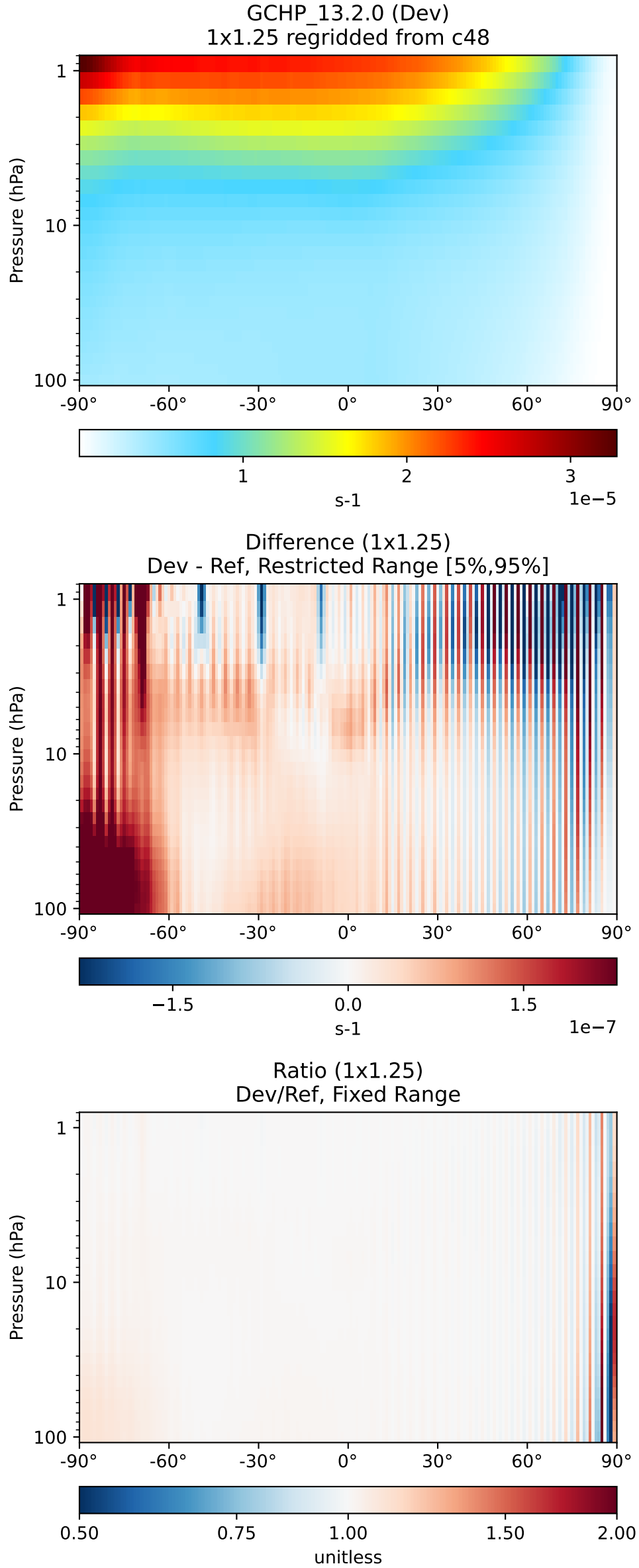
Jval_RCHO, Zonal Mean (Oct2019)



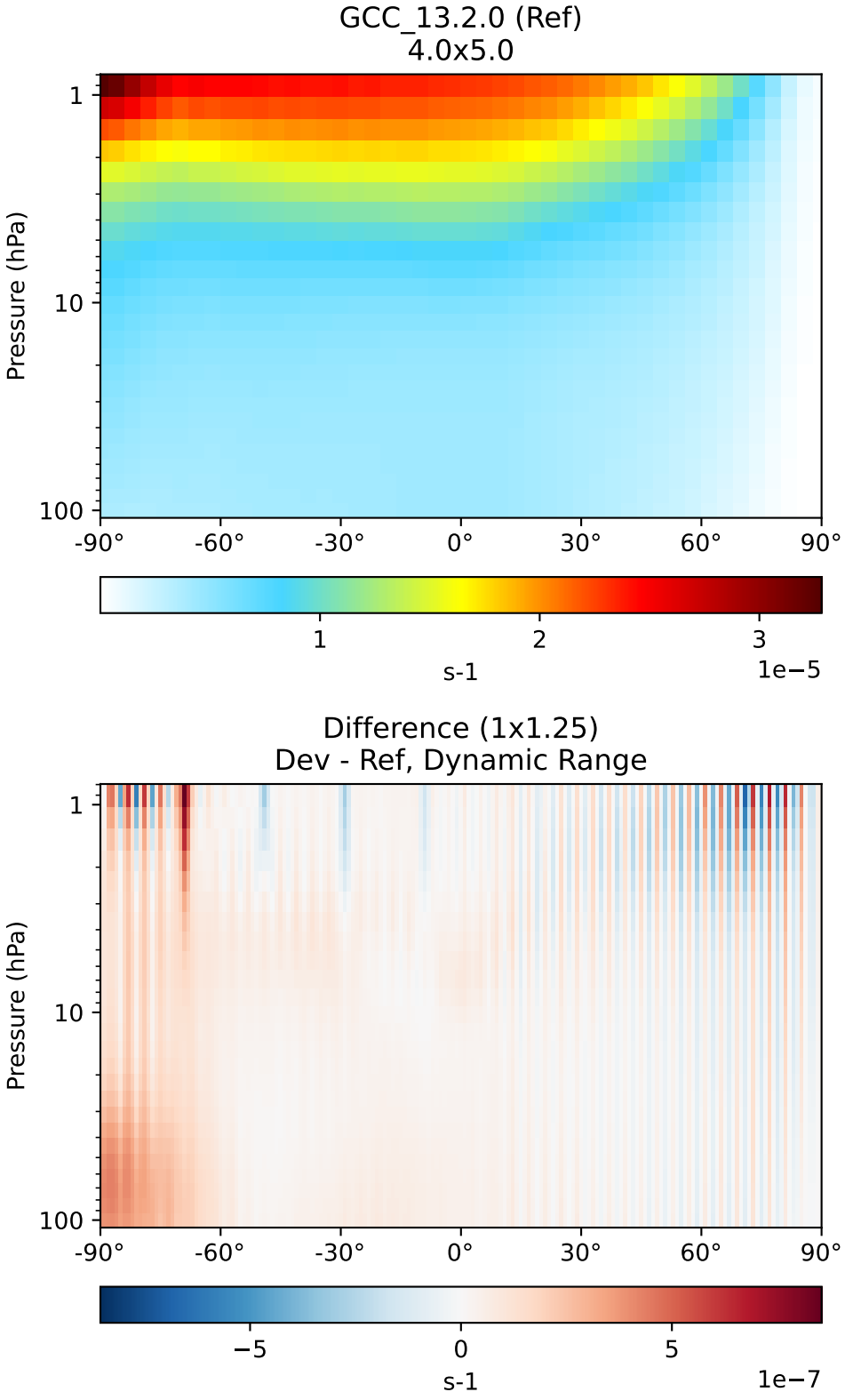


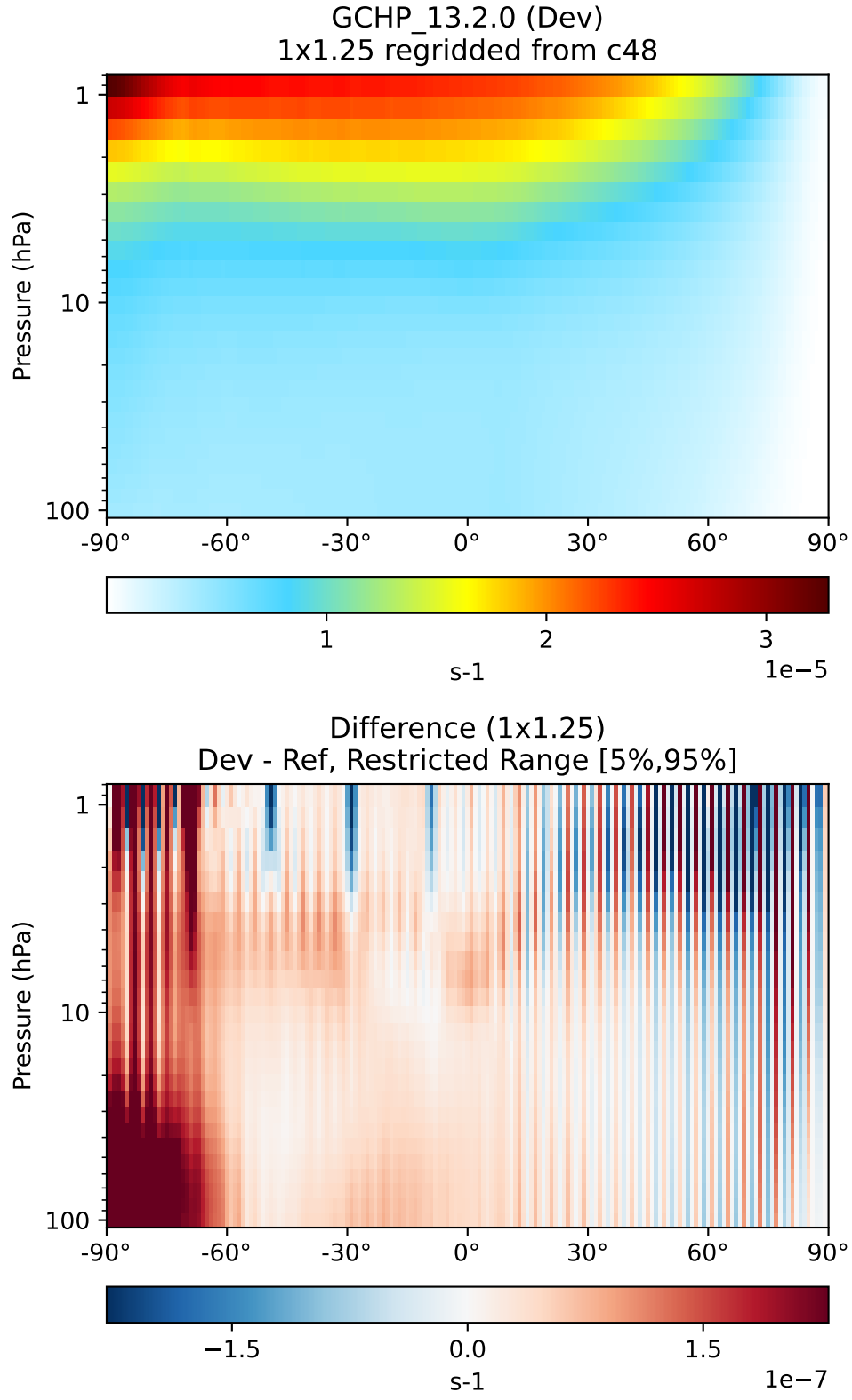
Jval_RIPA, Zonal Mean (Oct2019)

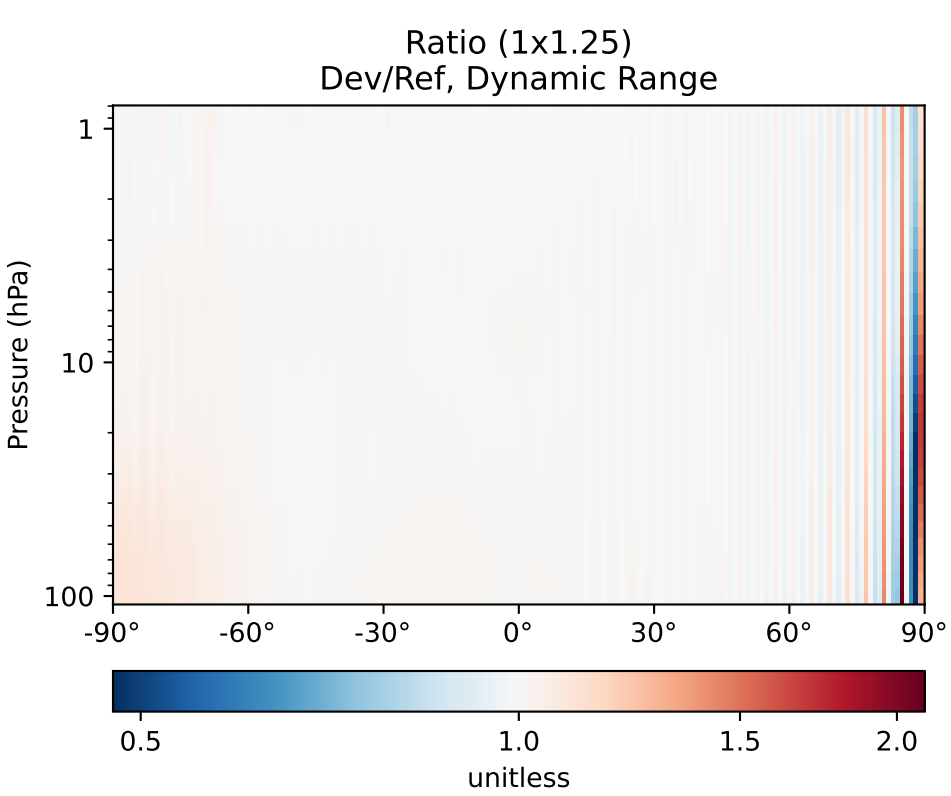


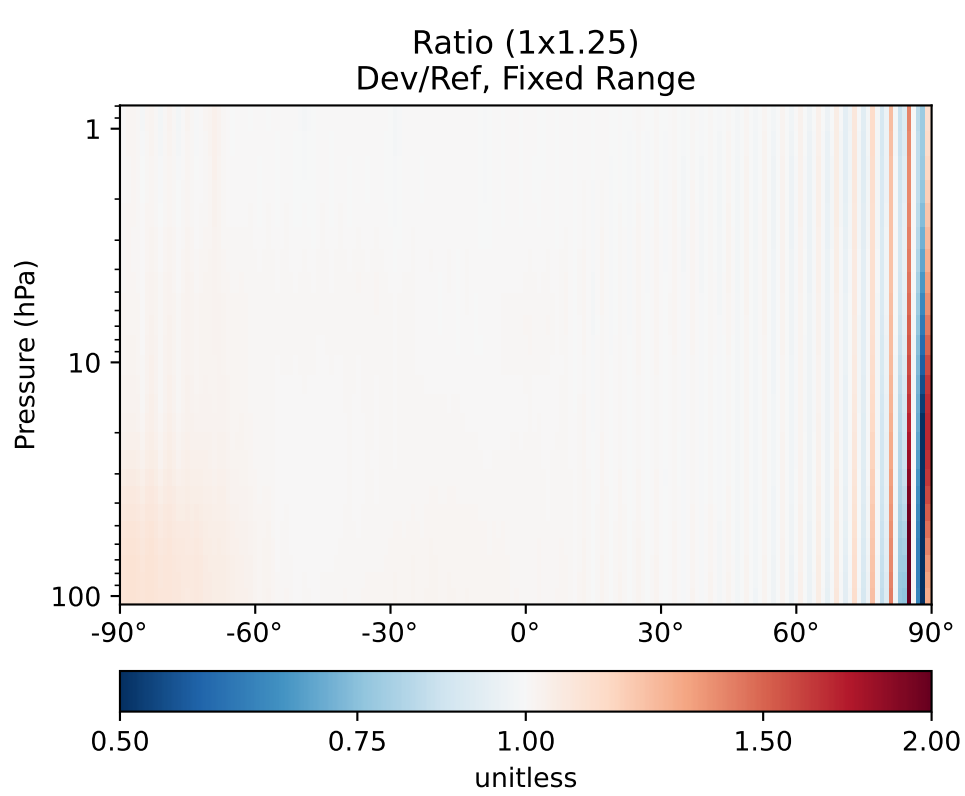


Jval_RIPB, Zonal Mean (Oct2019)

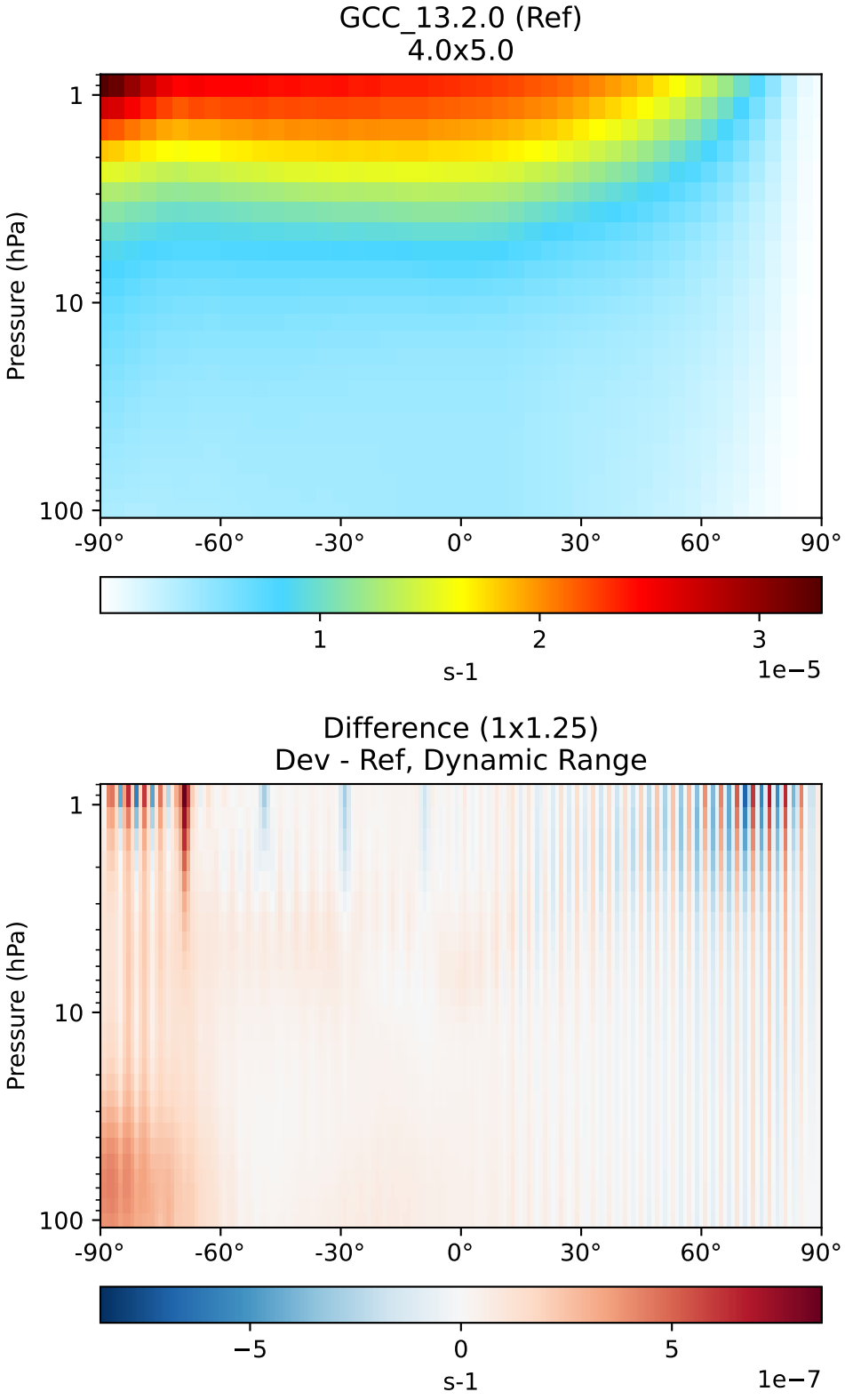


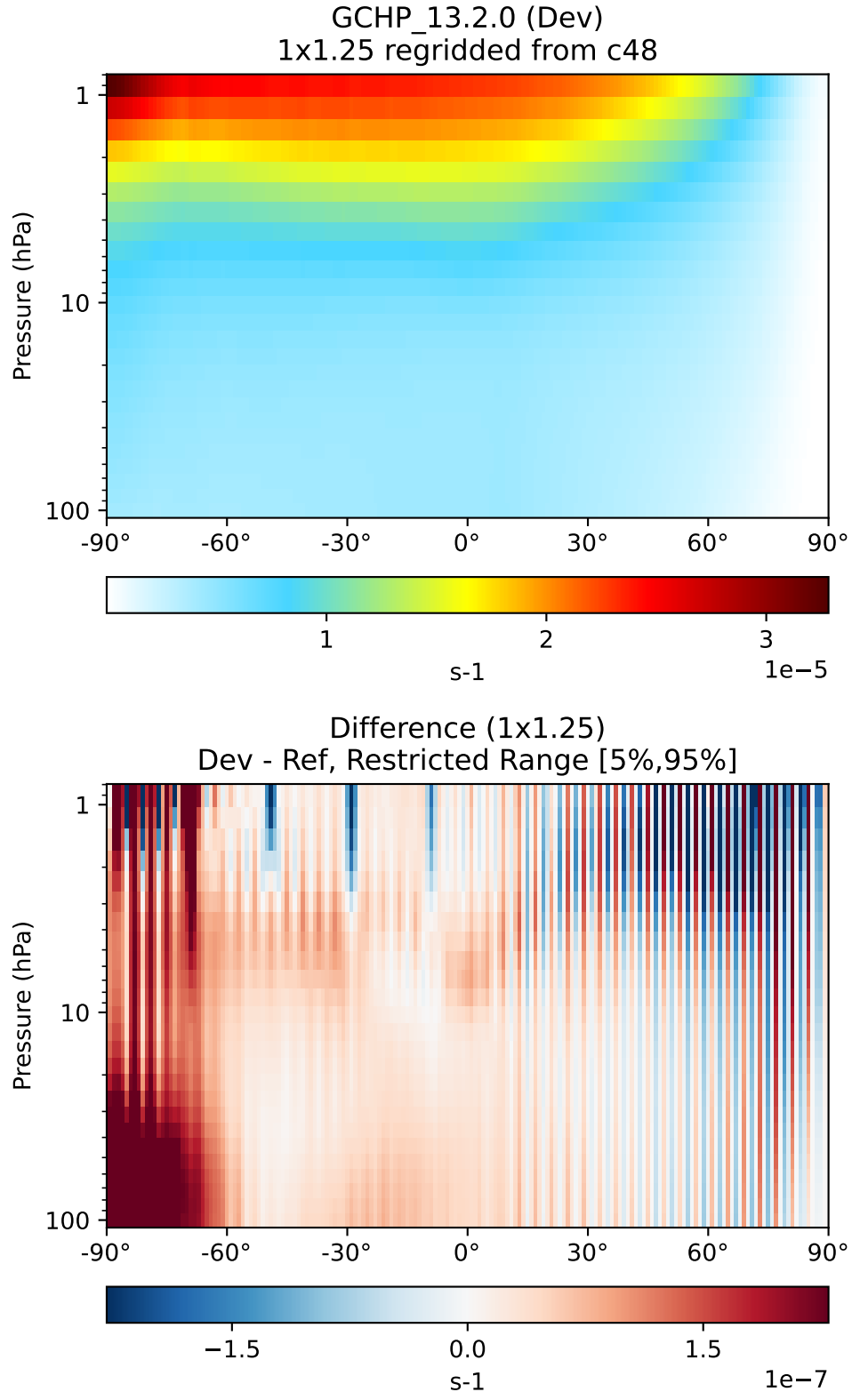


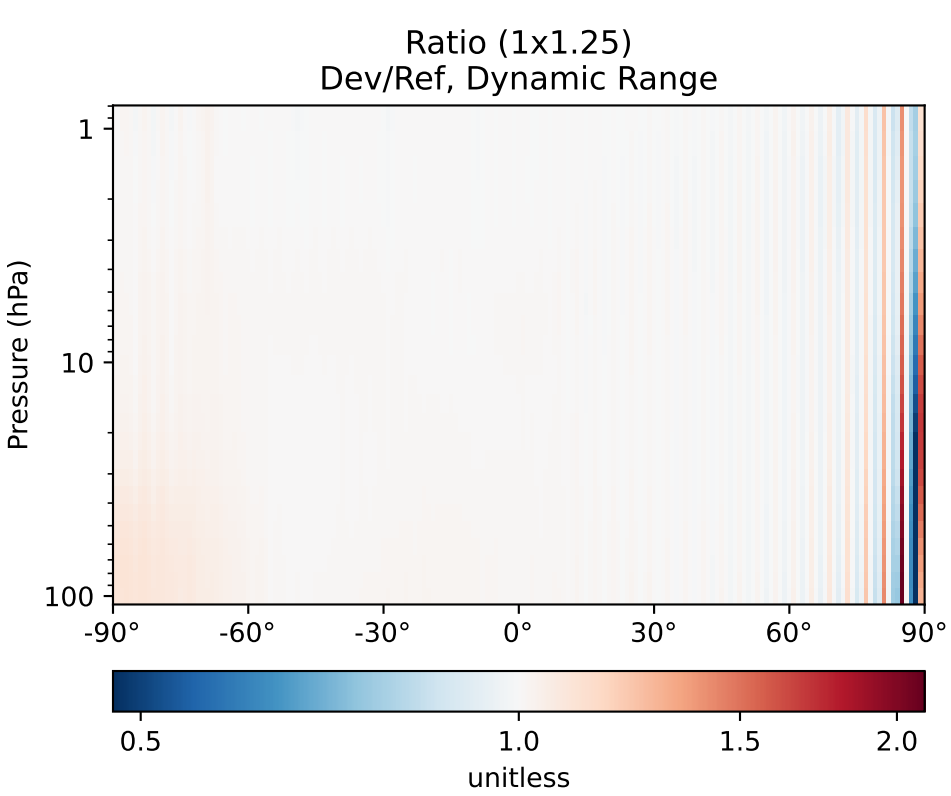


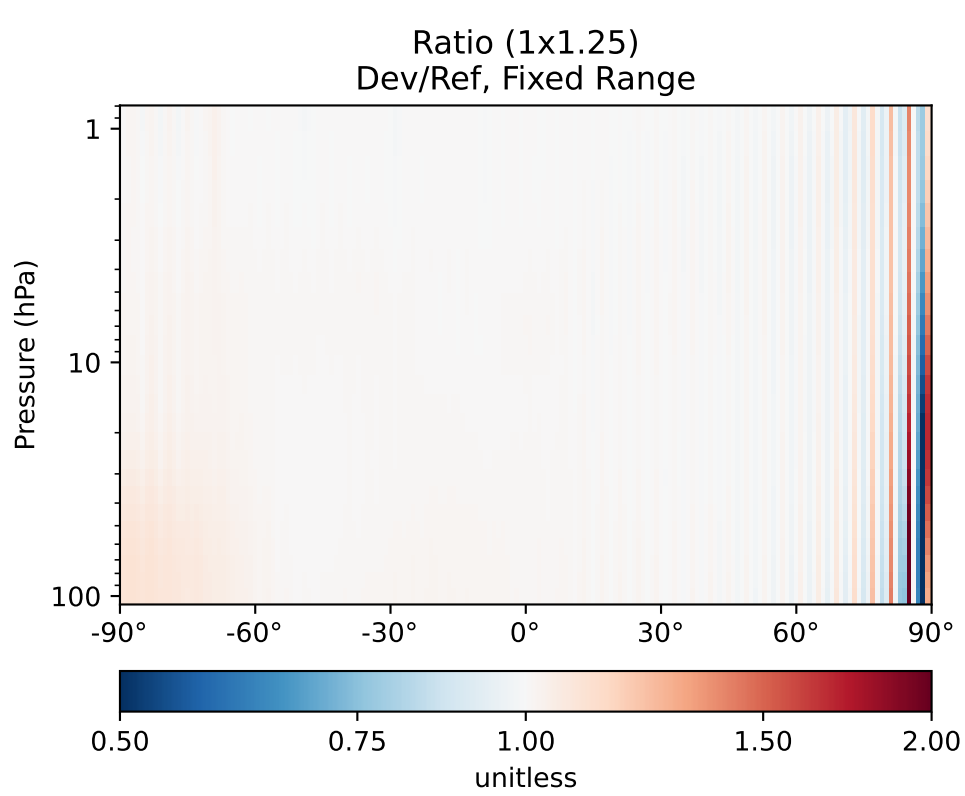


Jval_RIPC, Zonal Mean (Oct2019)

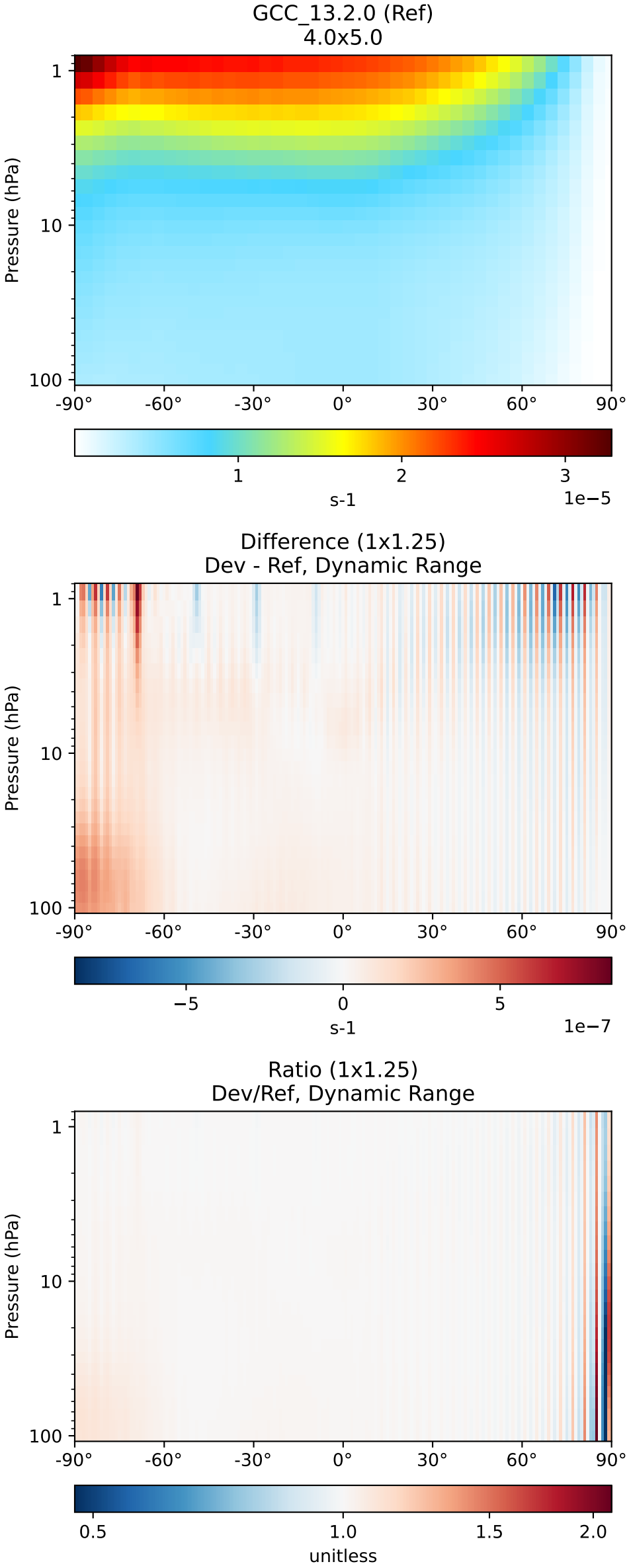


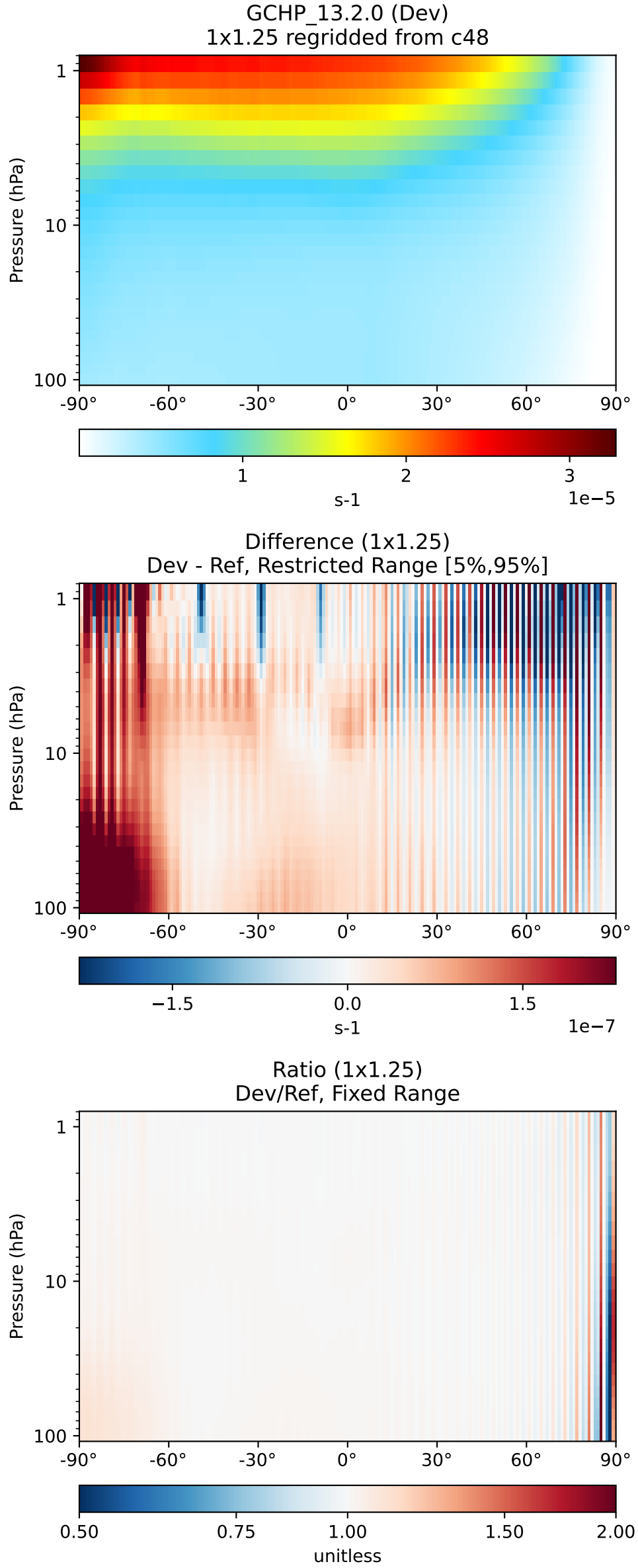




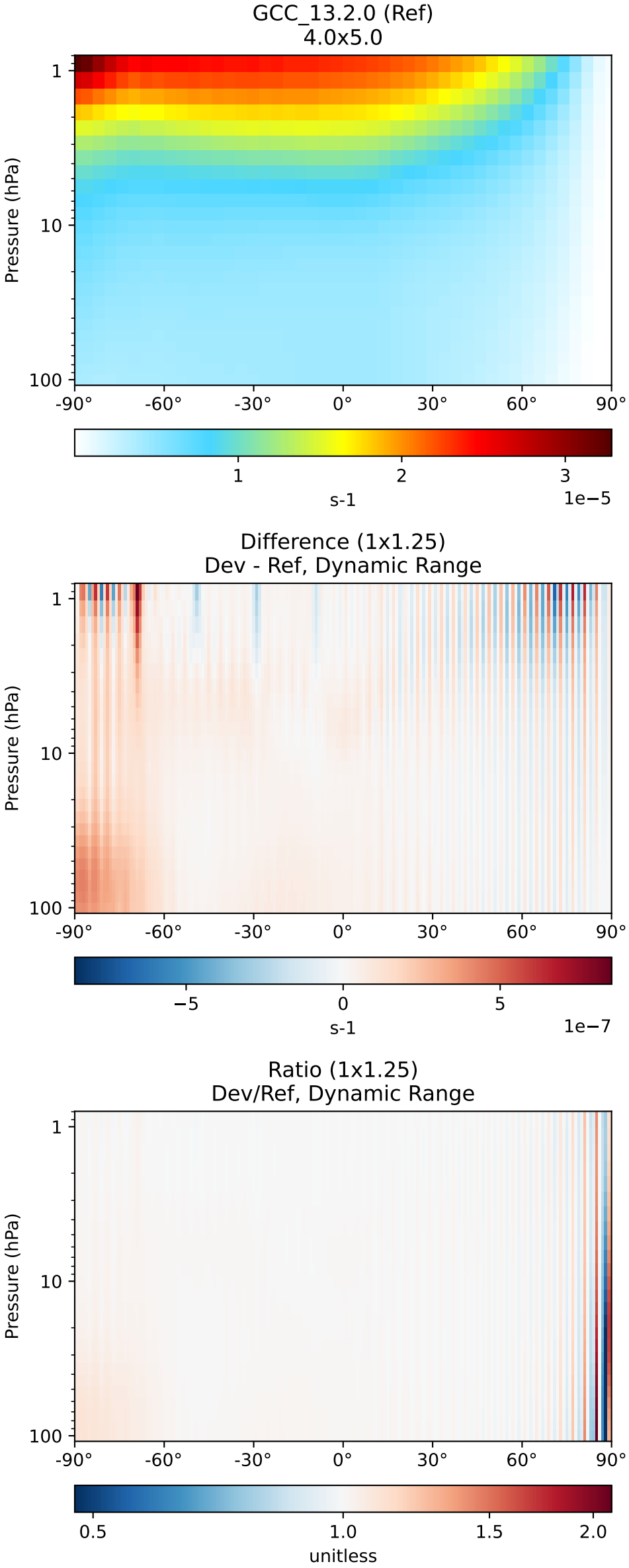


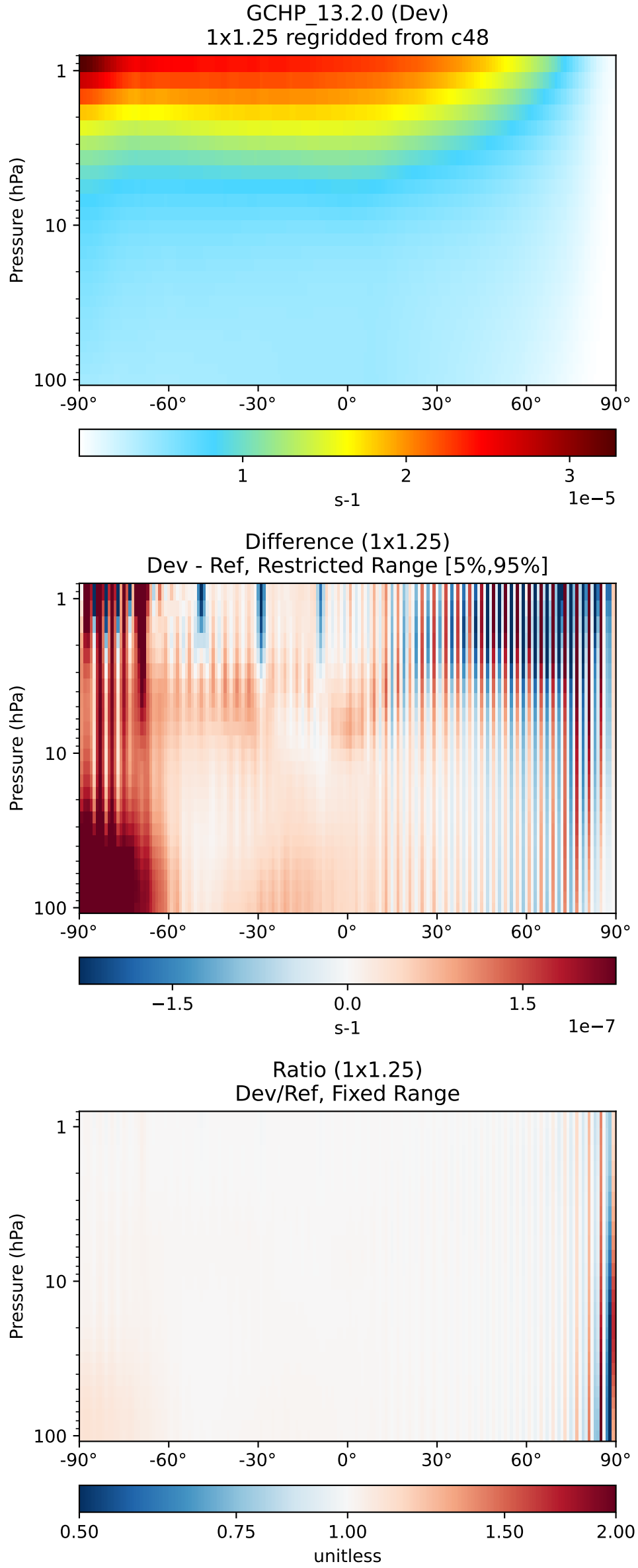
Jval_RIPD, Zonal Mean (Oct2019)





Jval_RP, Zonal Mean (Oct2019)





Jval_SO4, Zonal Mean (Oct2019)

