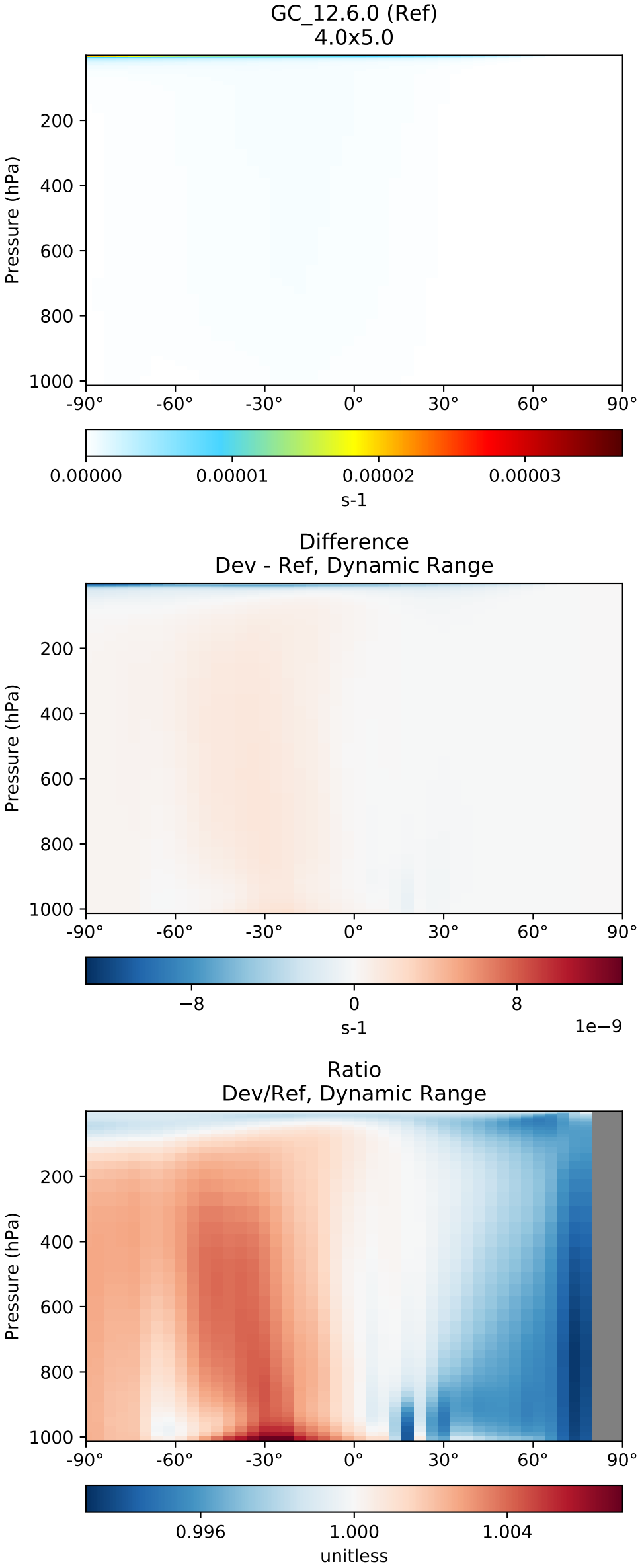
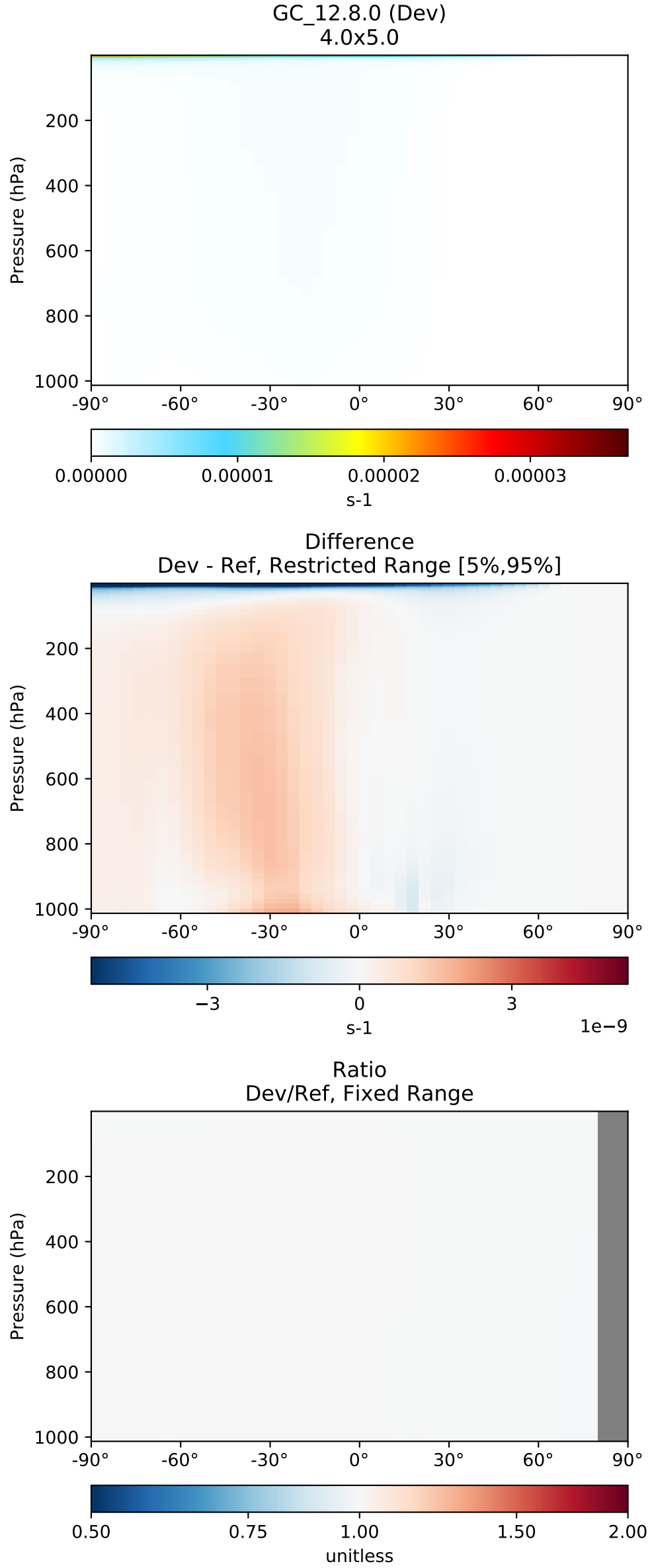
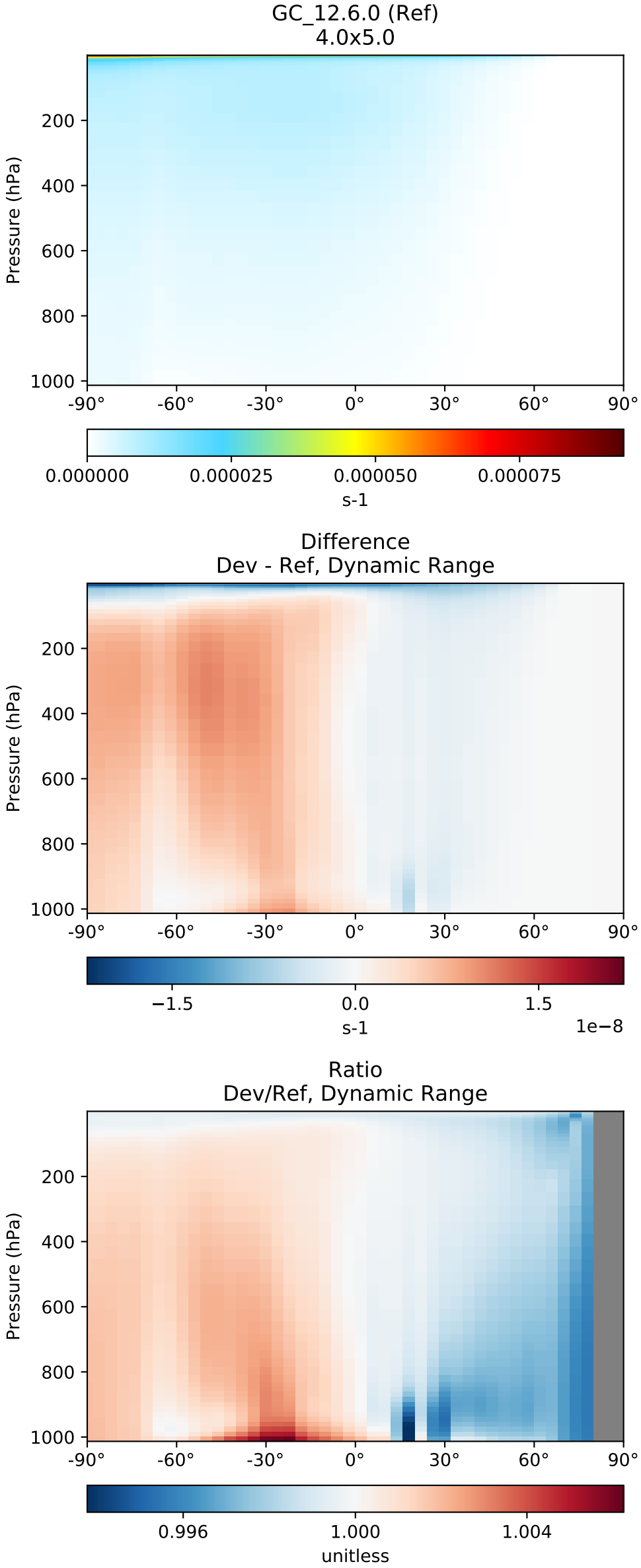
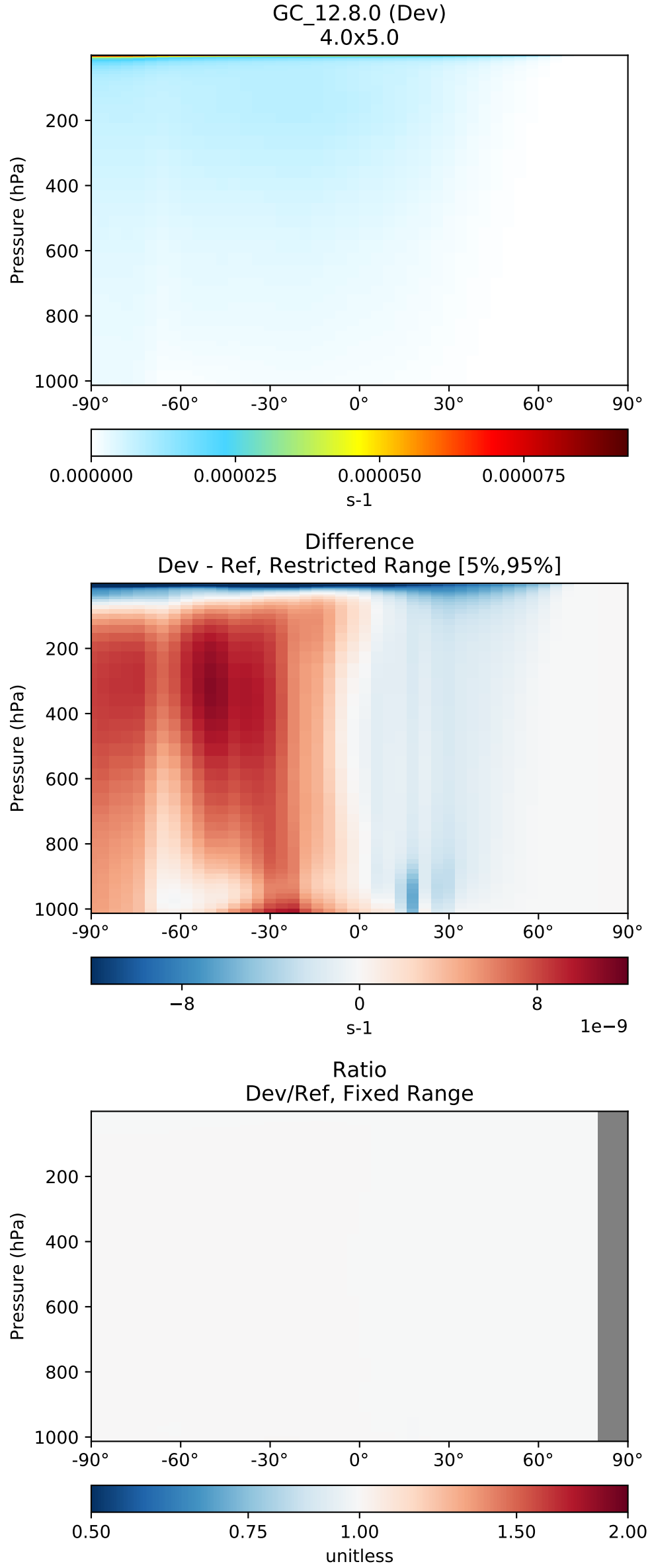
Jval_ACET, Zonal Mean (Jan2016)



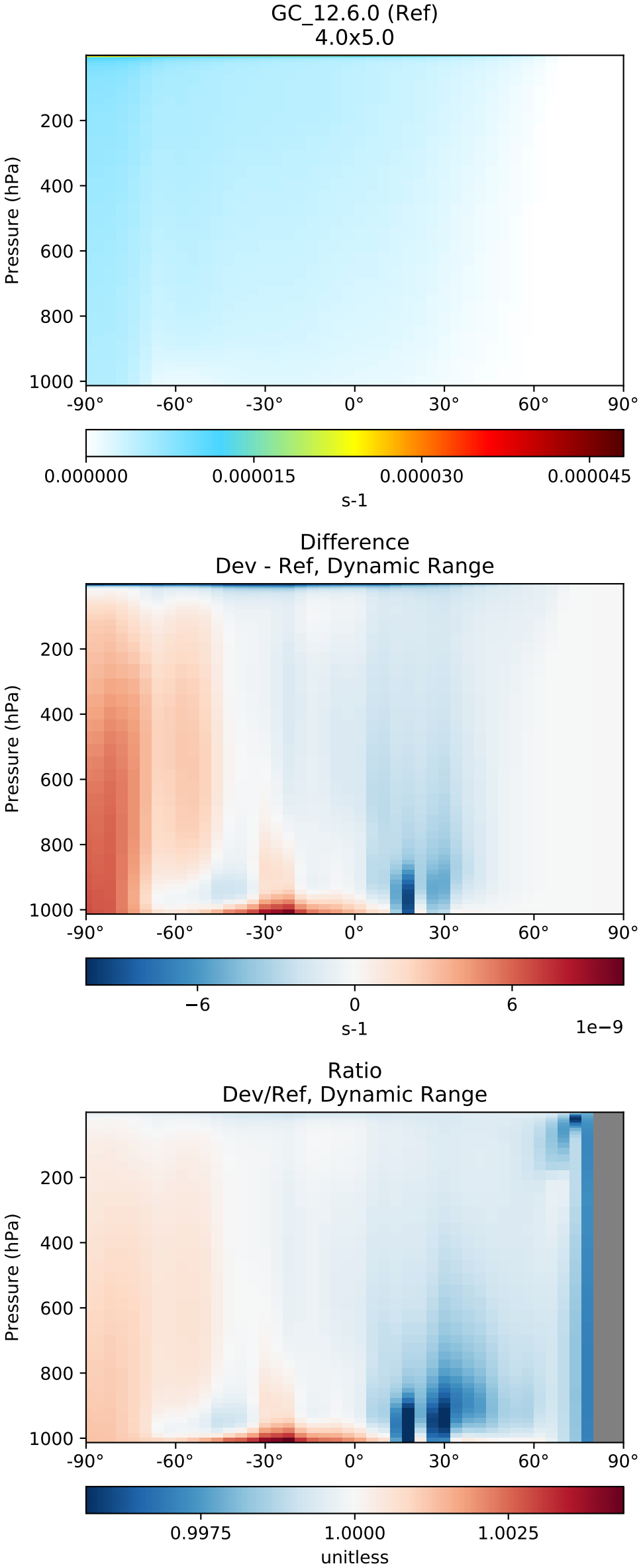


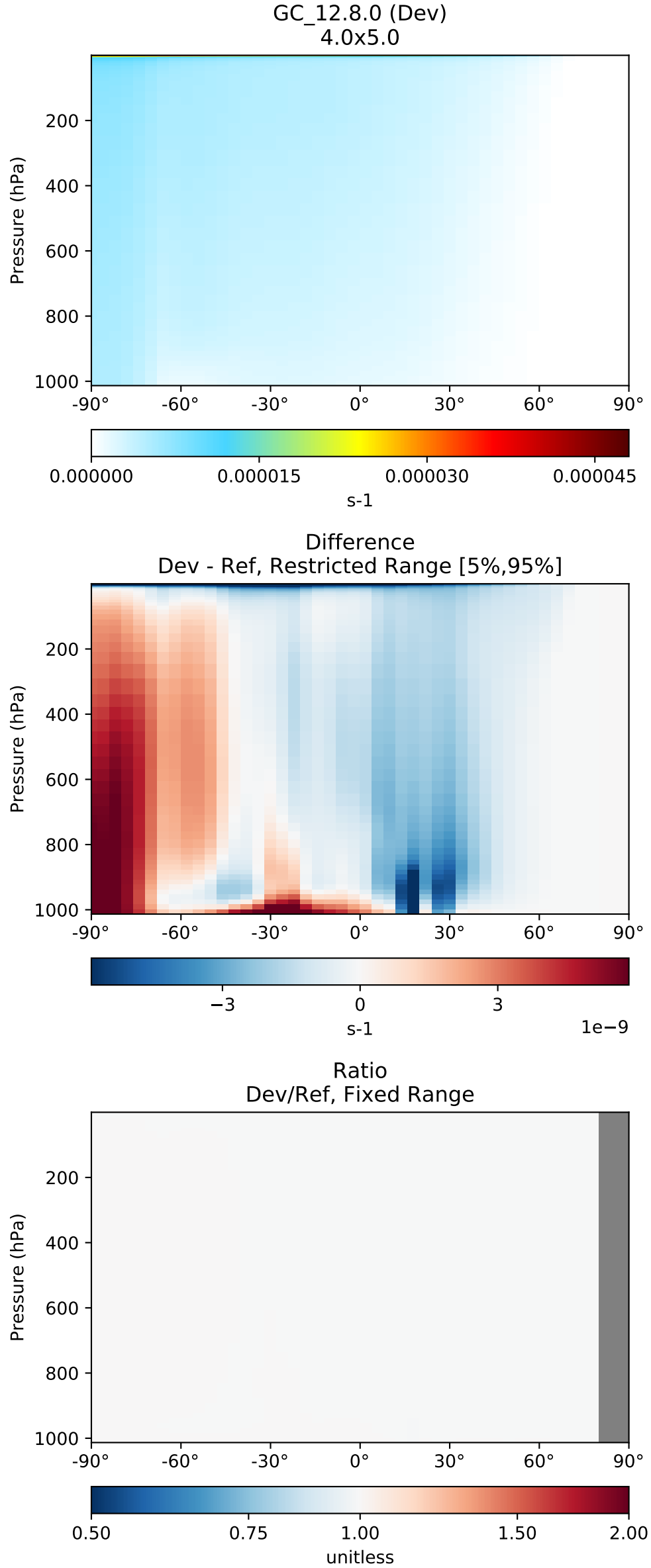
Jval_ALD2, Zonal Mean (Jan2016)



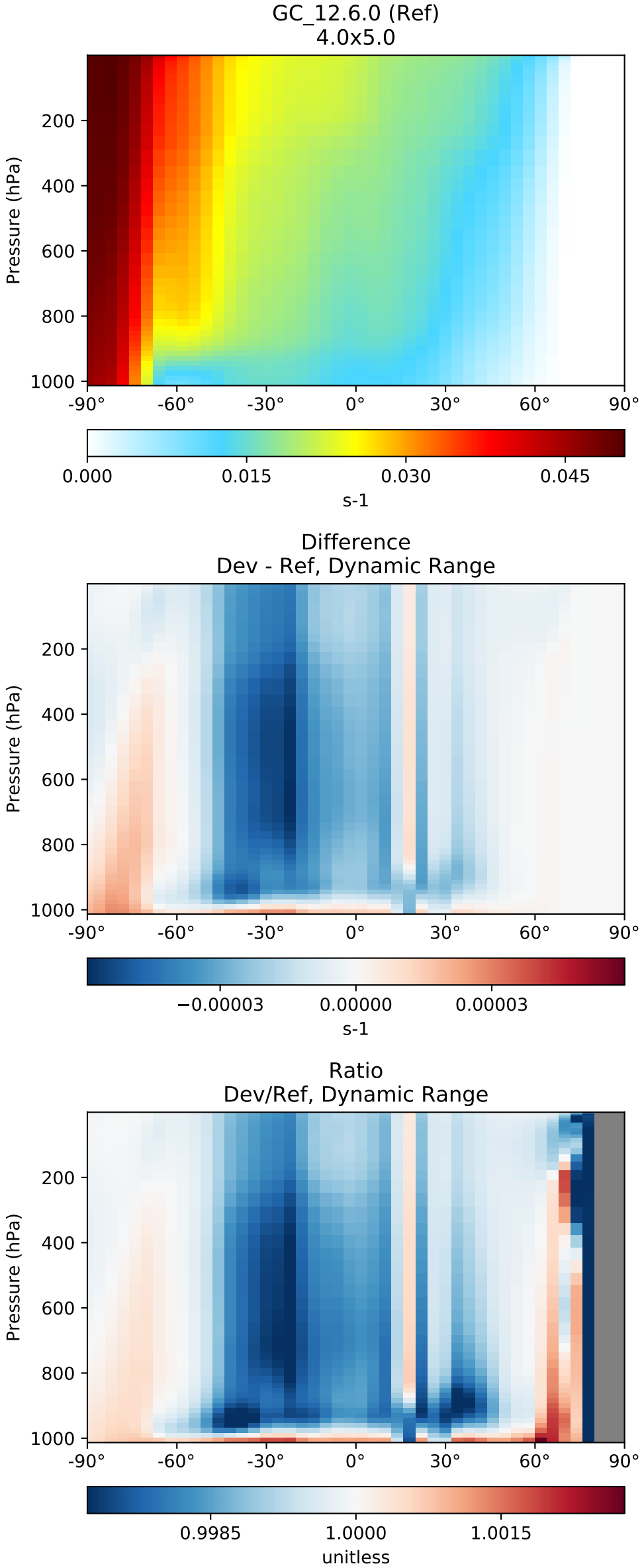


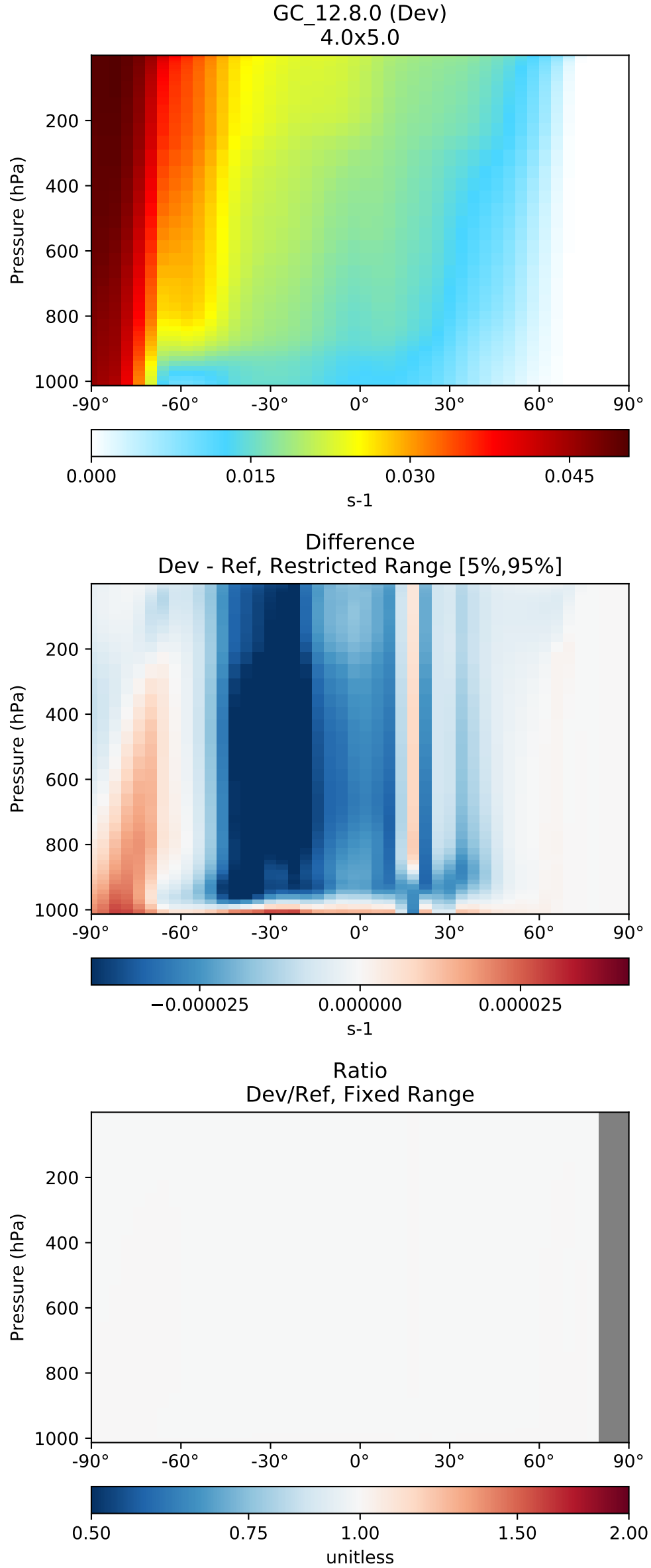
Jval_ATOOH, Zonal Mean (Jan2016)



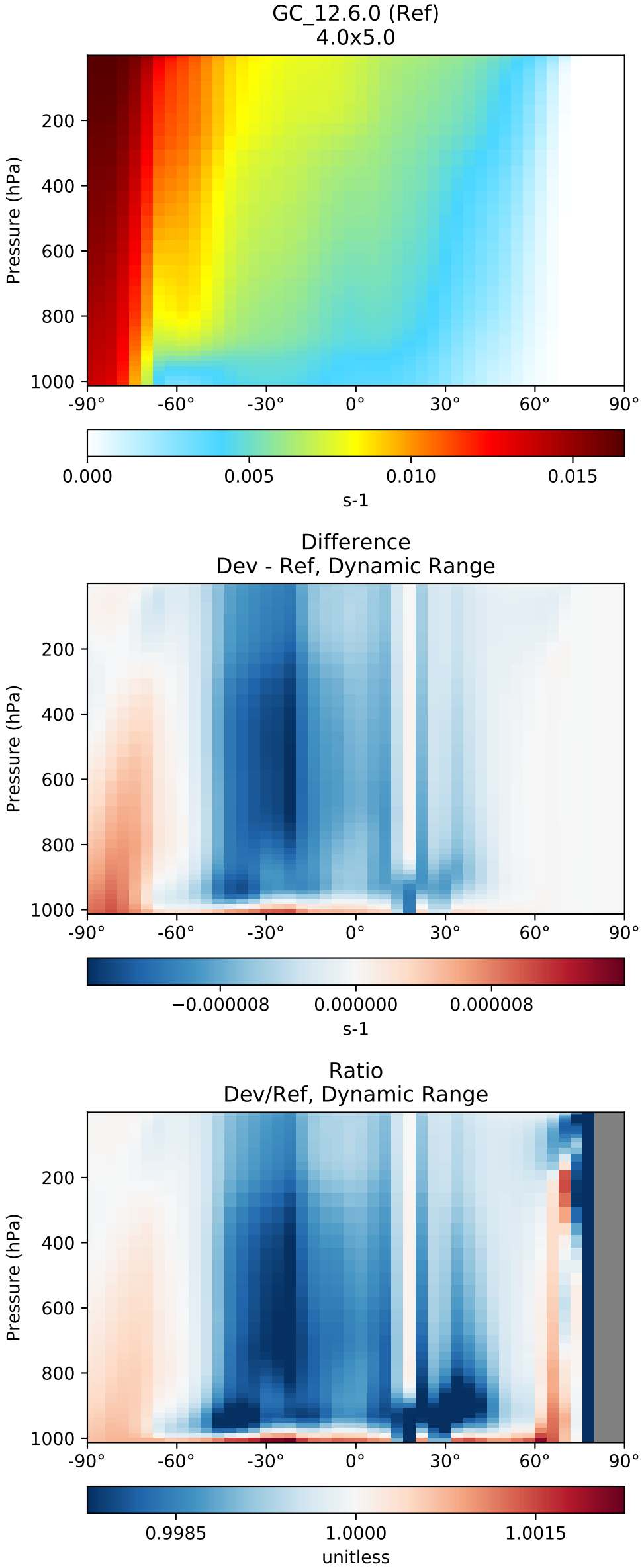


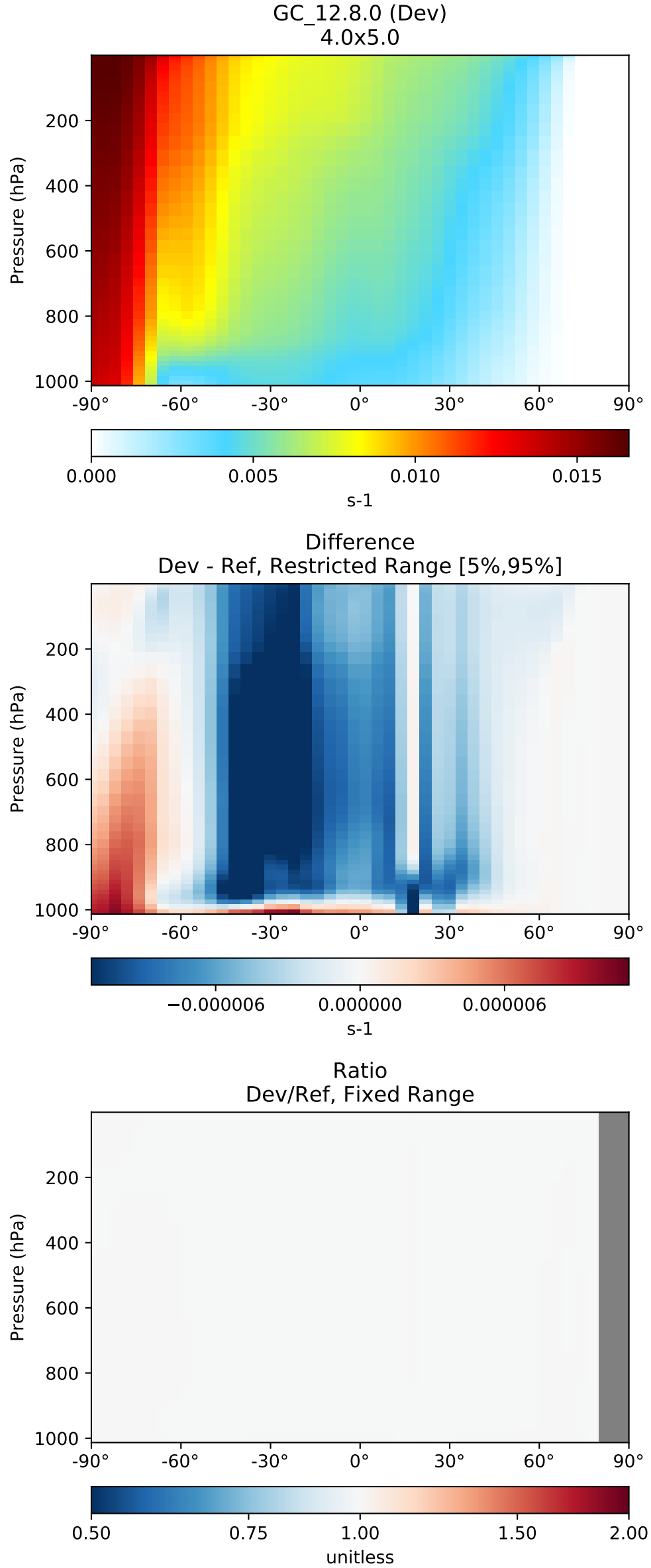
Jval_Br2, Zonal Mean (Jan2016)



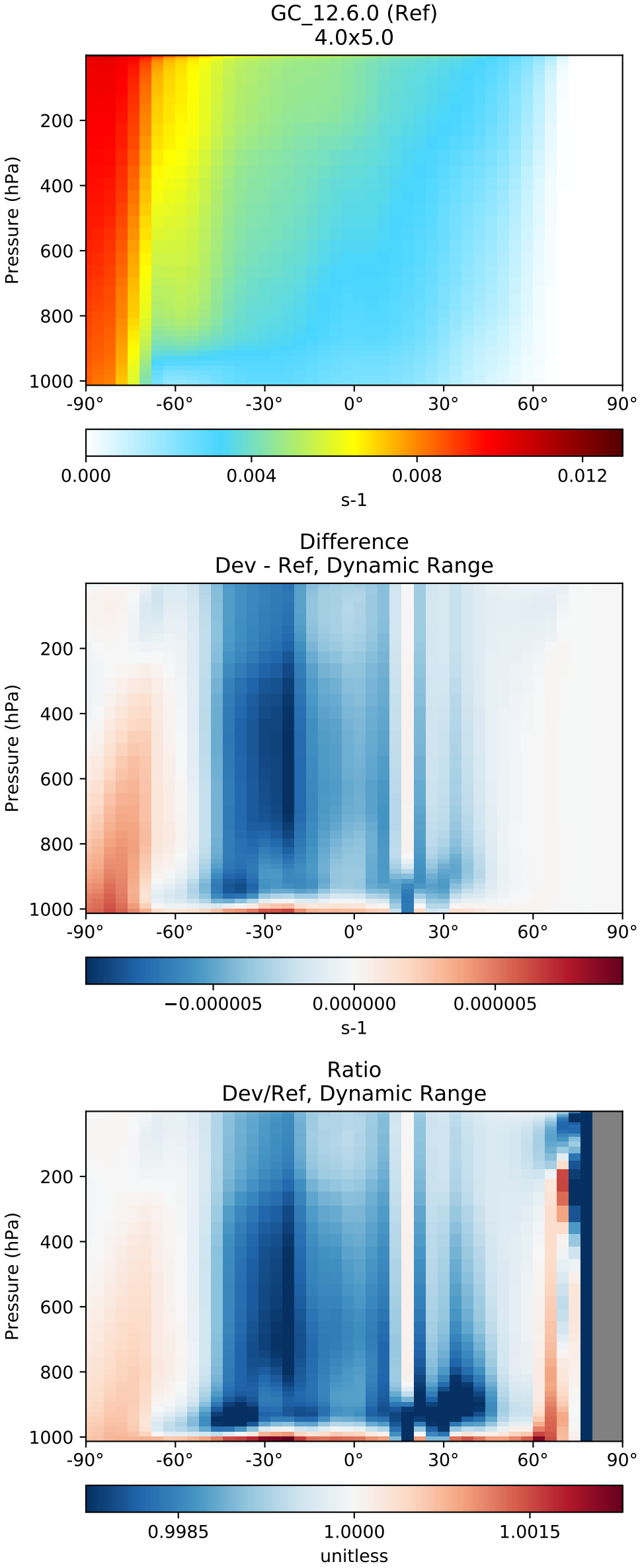


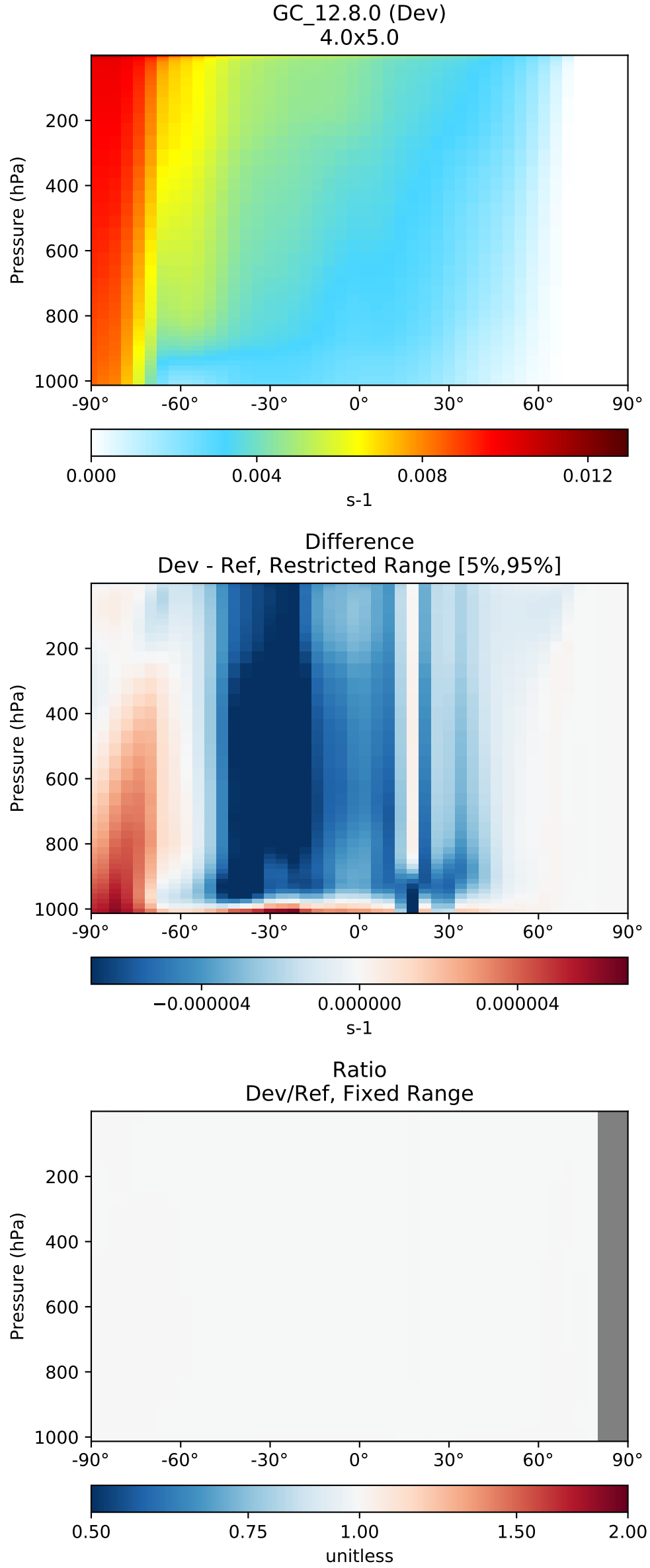
Jval_BrCl, Zonal Mean (Jan2016)



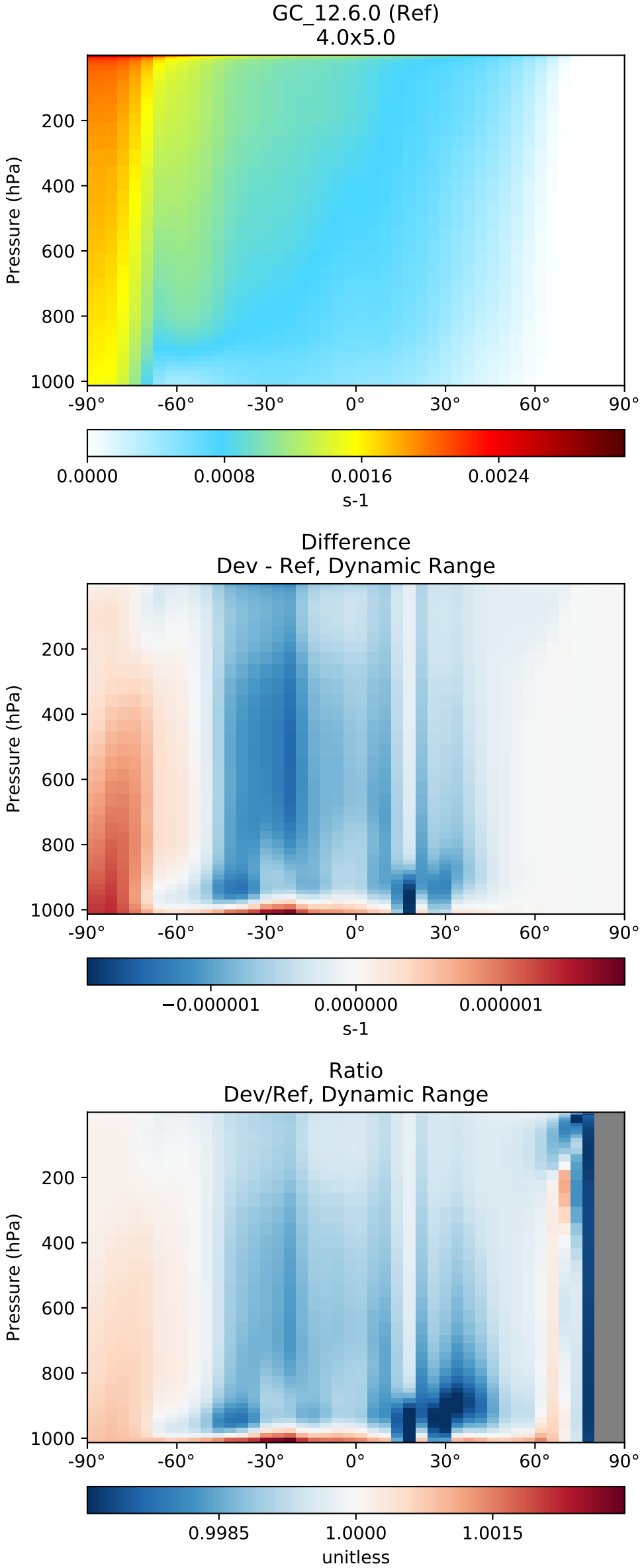


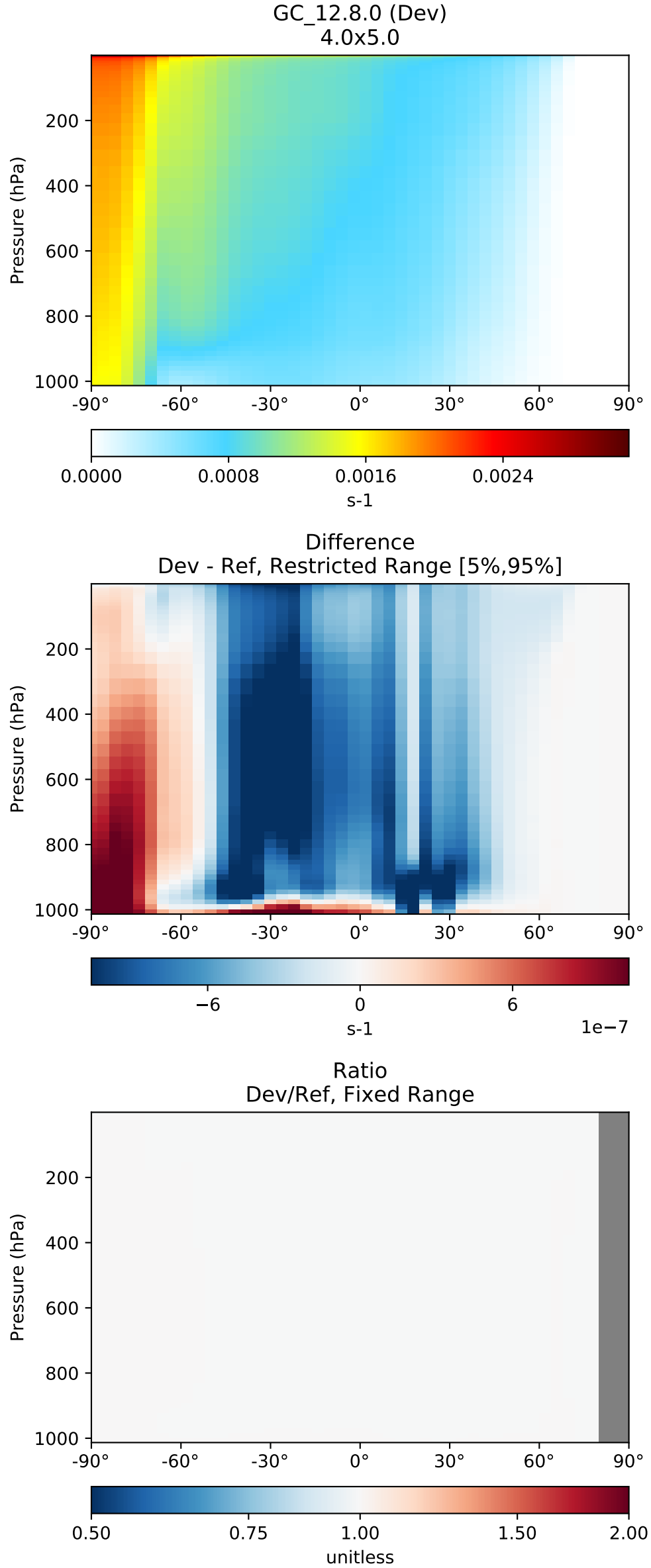
Jval_BrNO2, Zonal Mean (Jan2016)



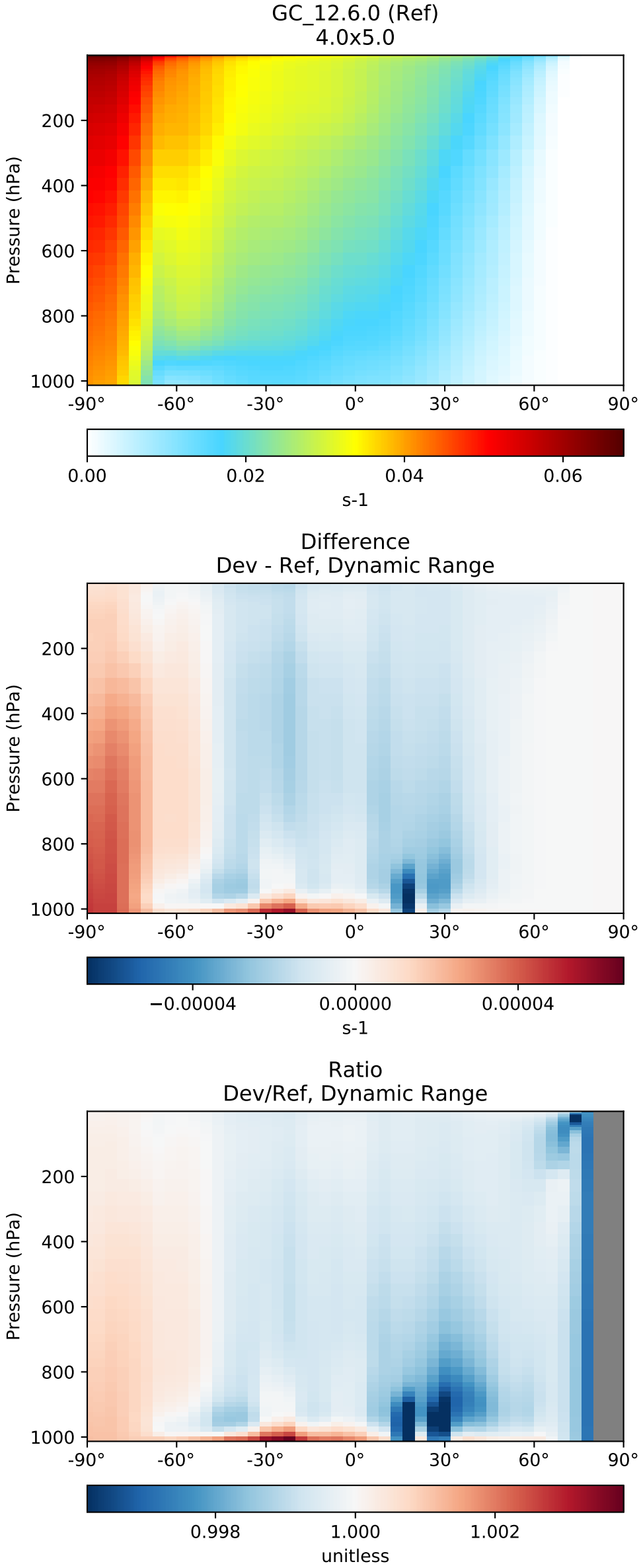


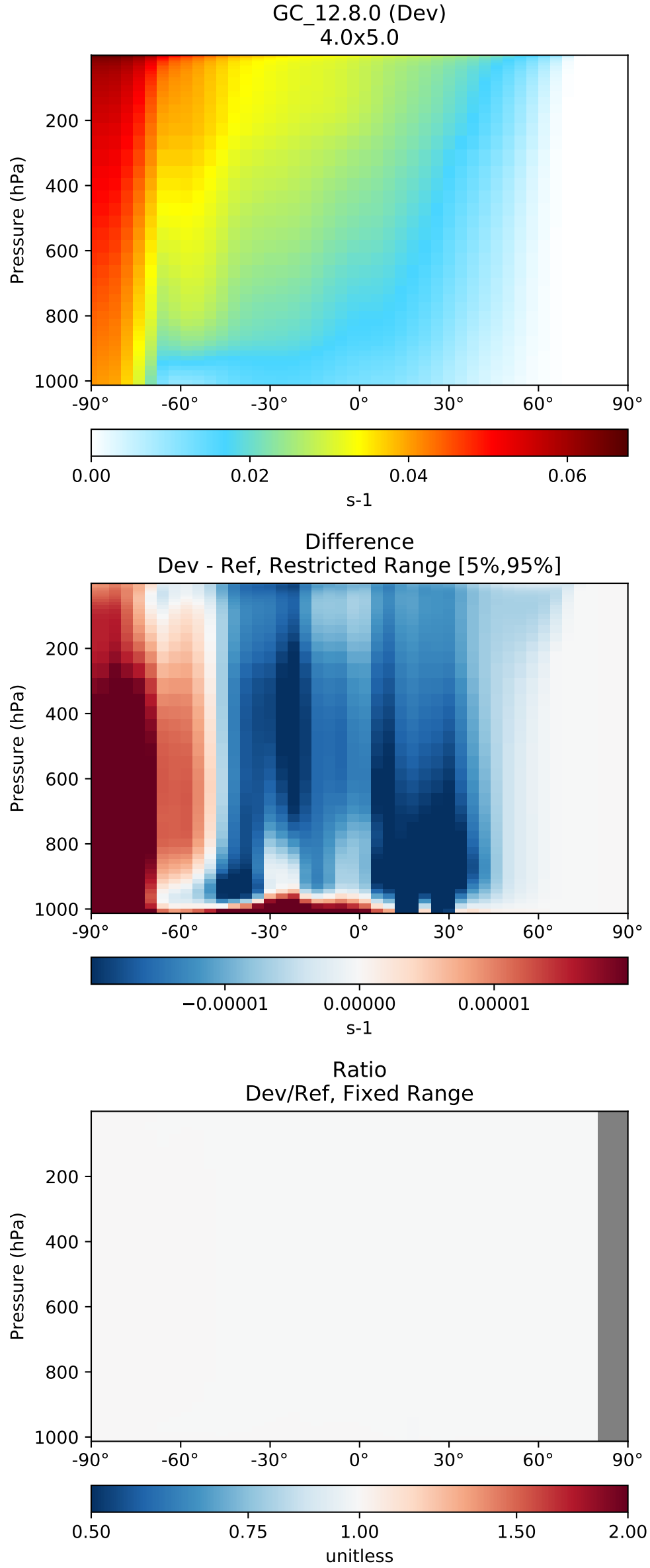
Jval_BrNO3, Zonal Mean (Jan2016)



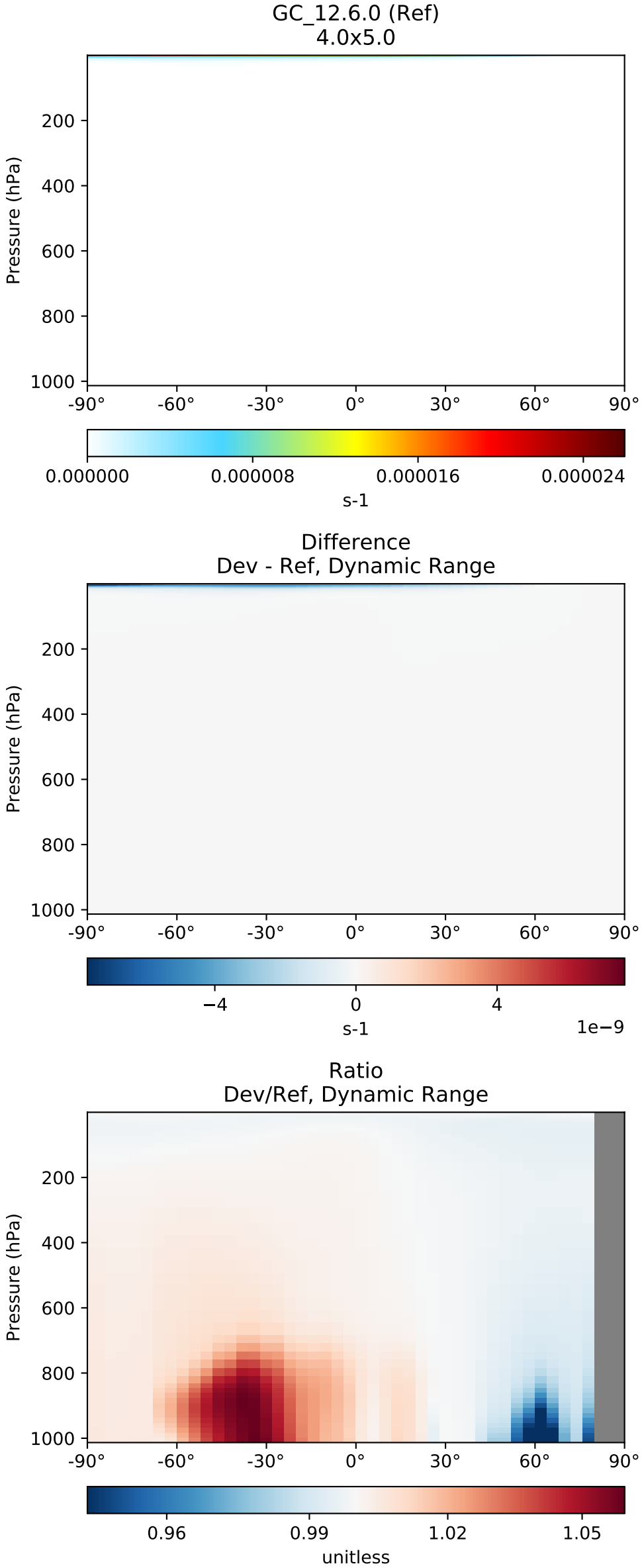


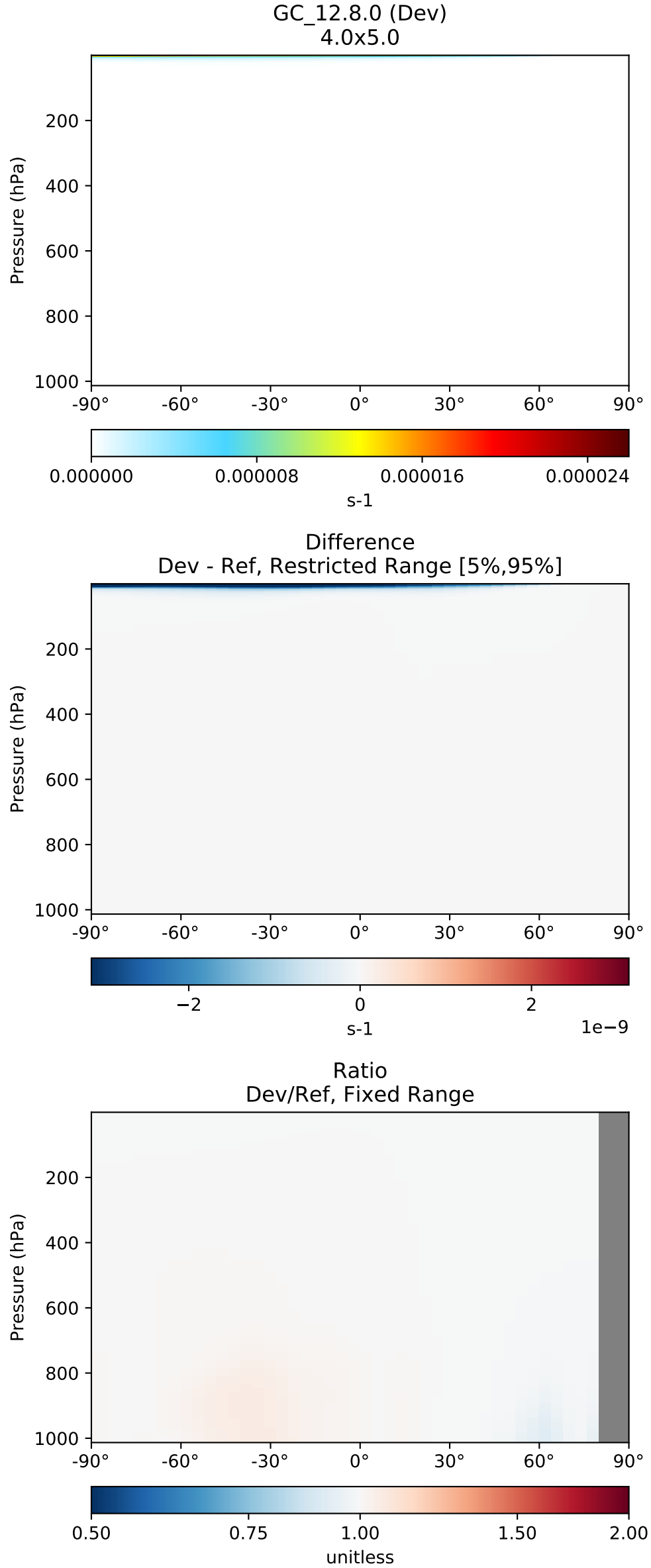
Jval_BrO, Zonal Mean (Jan2016)



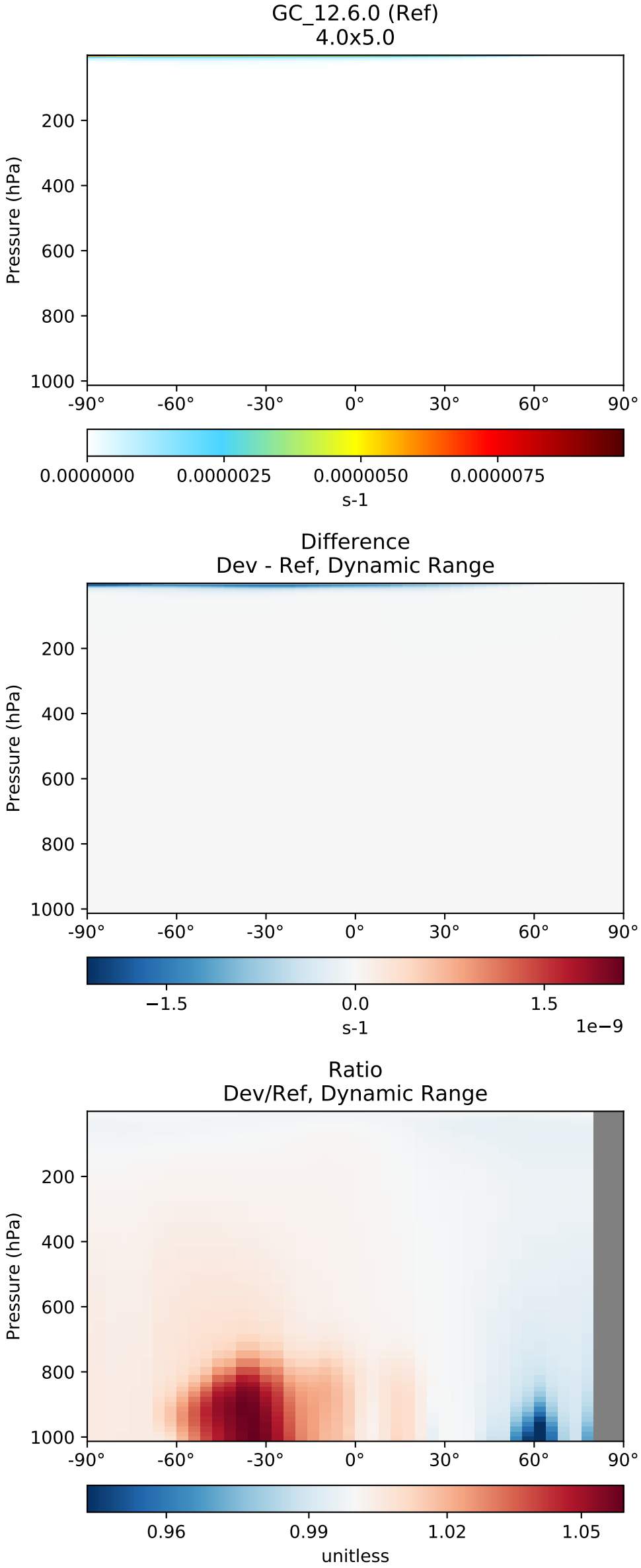


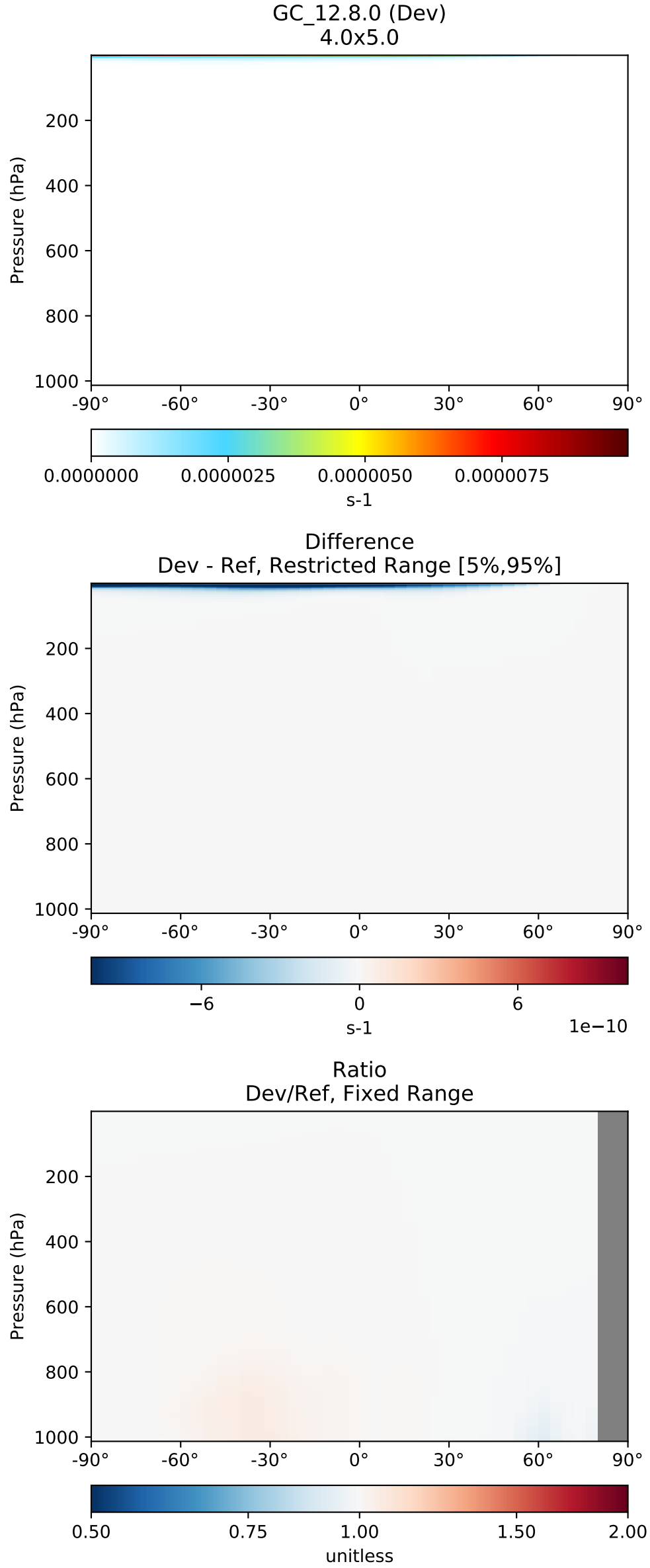
Jval_CCl4, Zonal Mean (Jan2016)



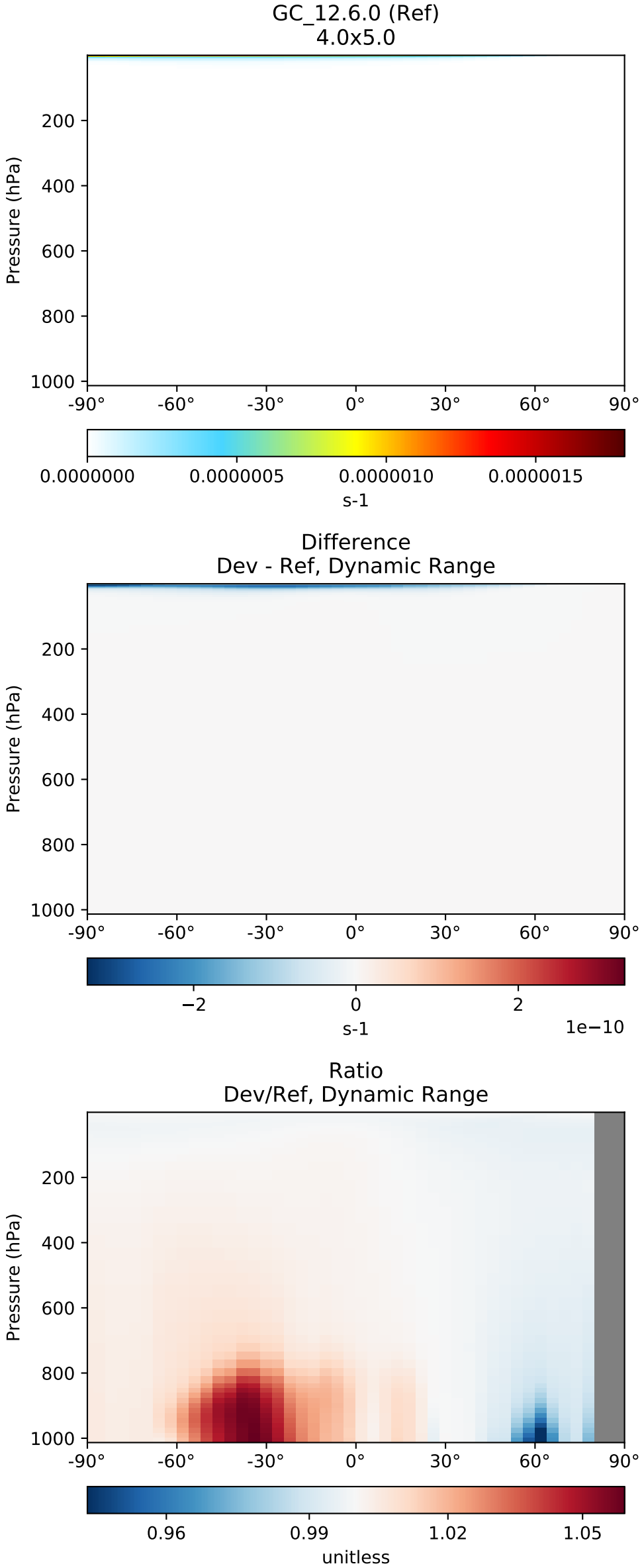


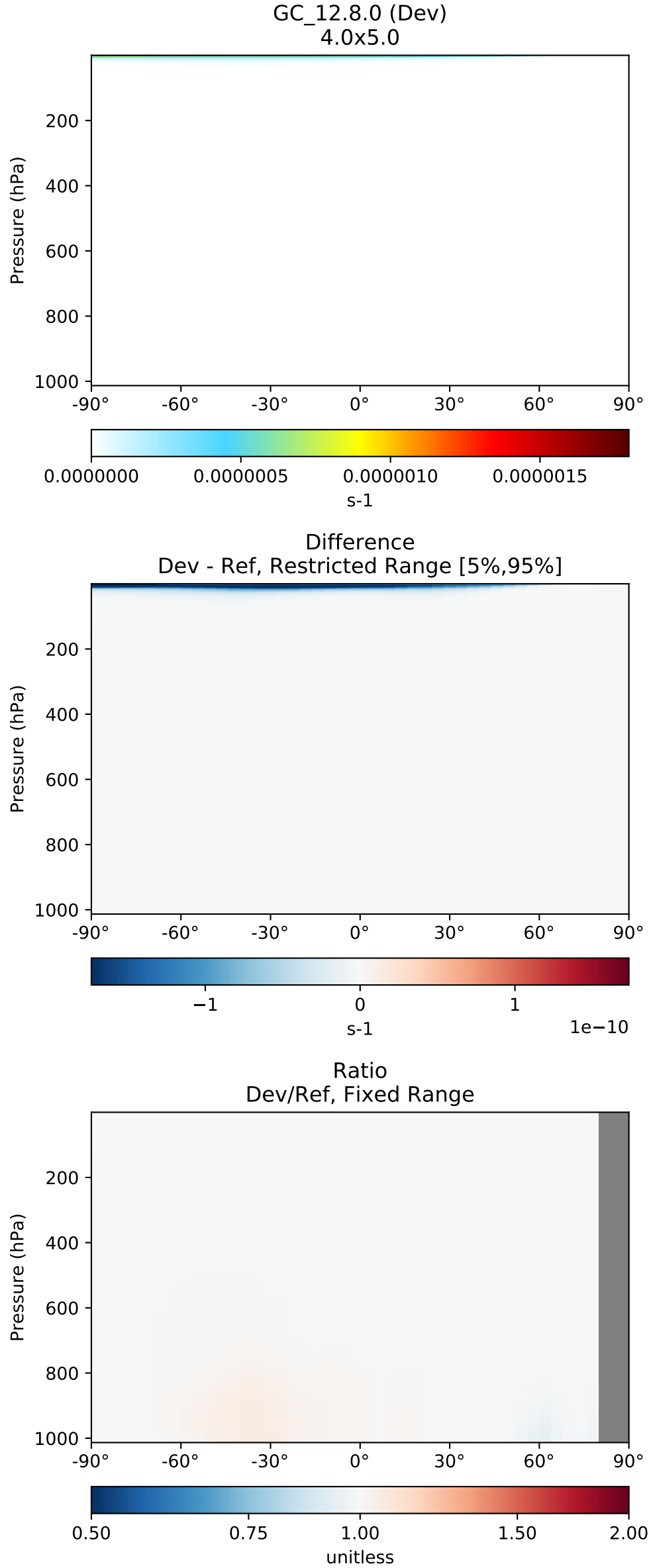
Jval_CFC11, Zonal Mean (Jan2016)



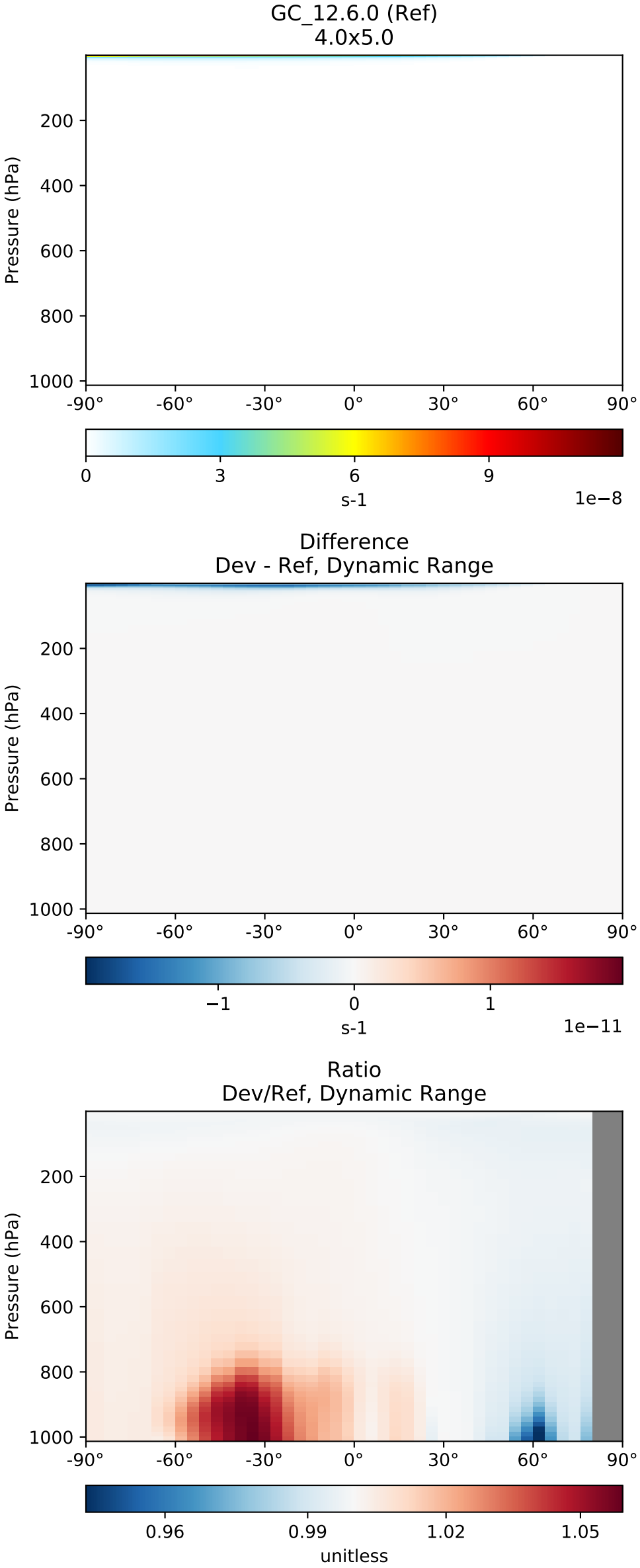


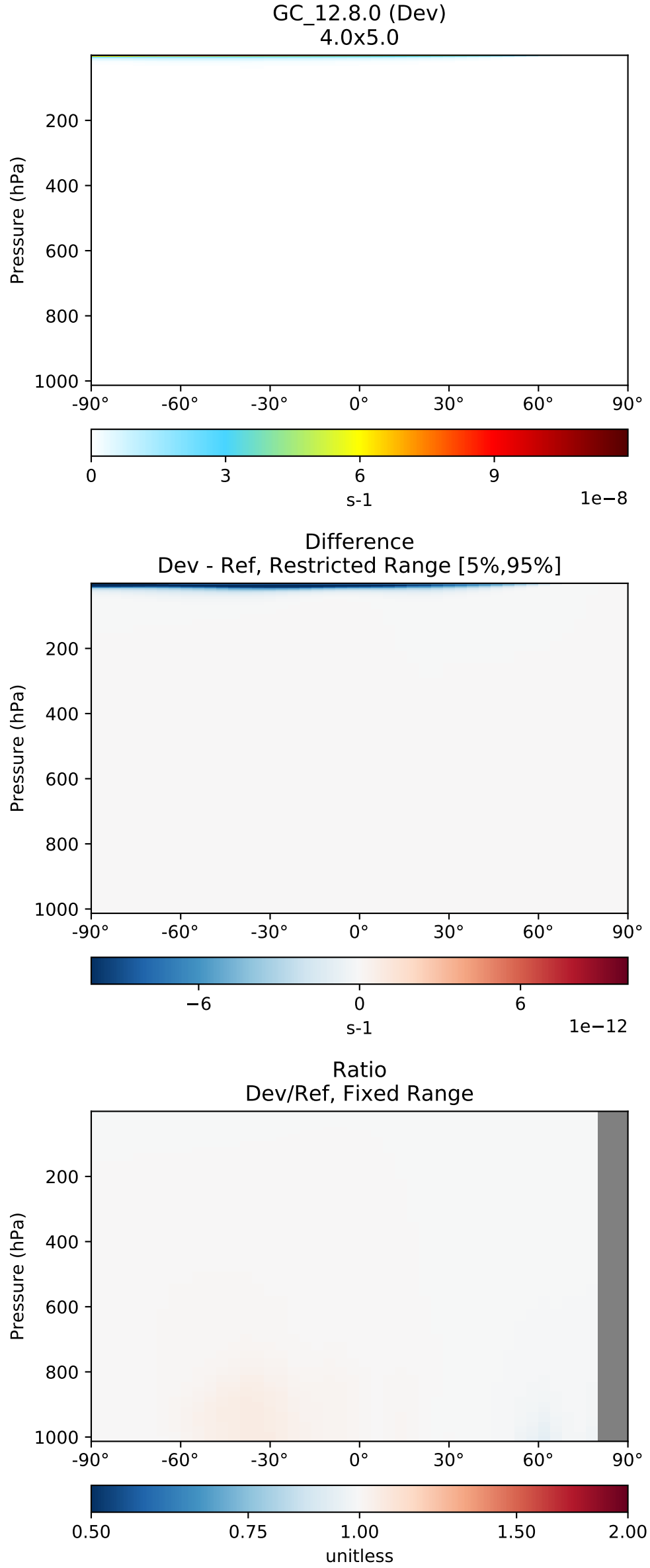
Jval_CFC113, Zonal Mean (Jan2016)



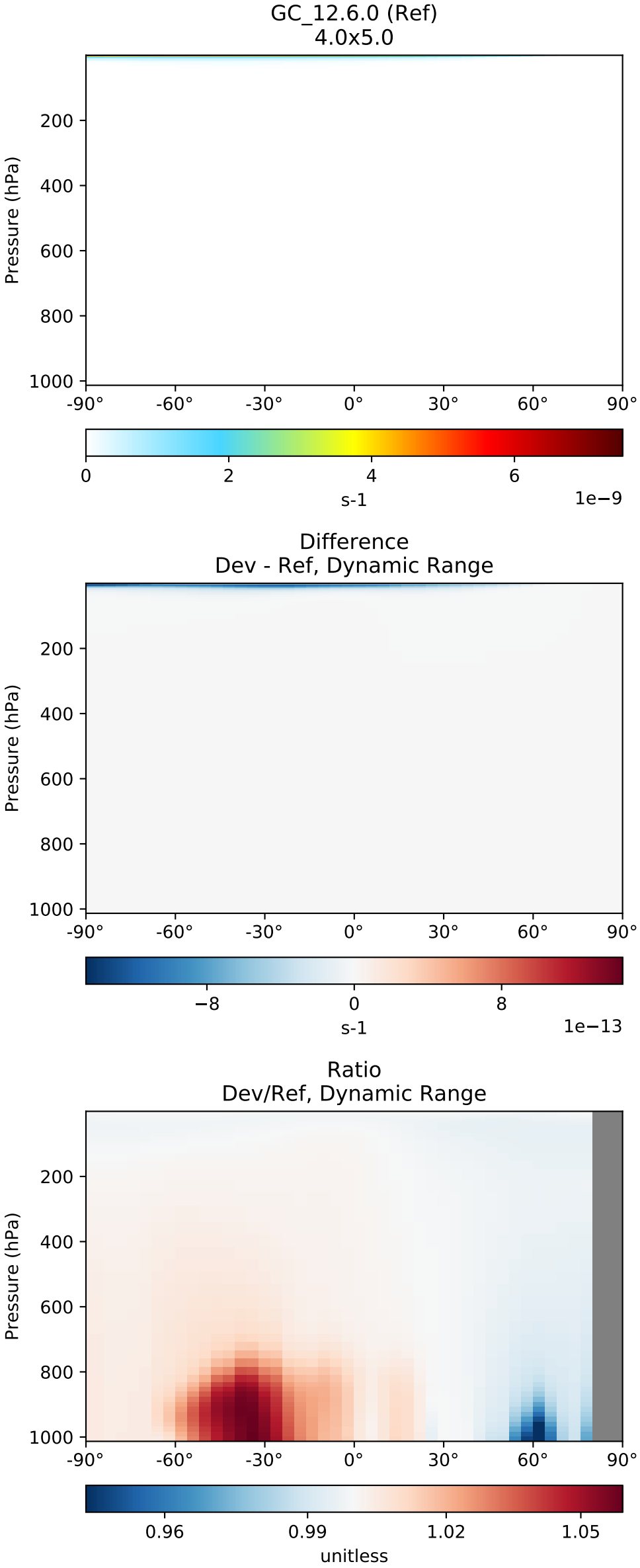


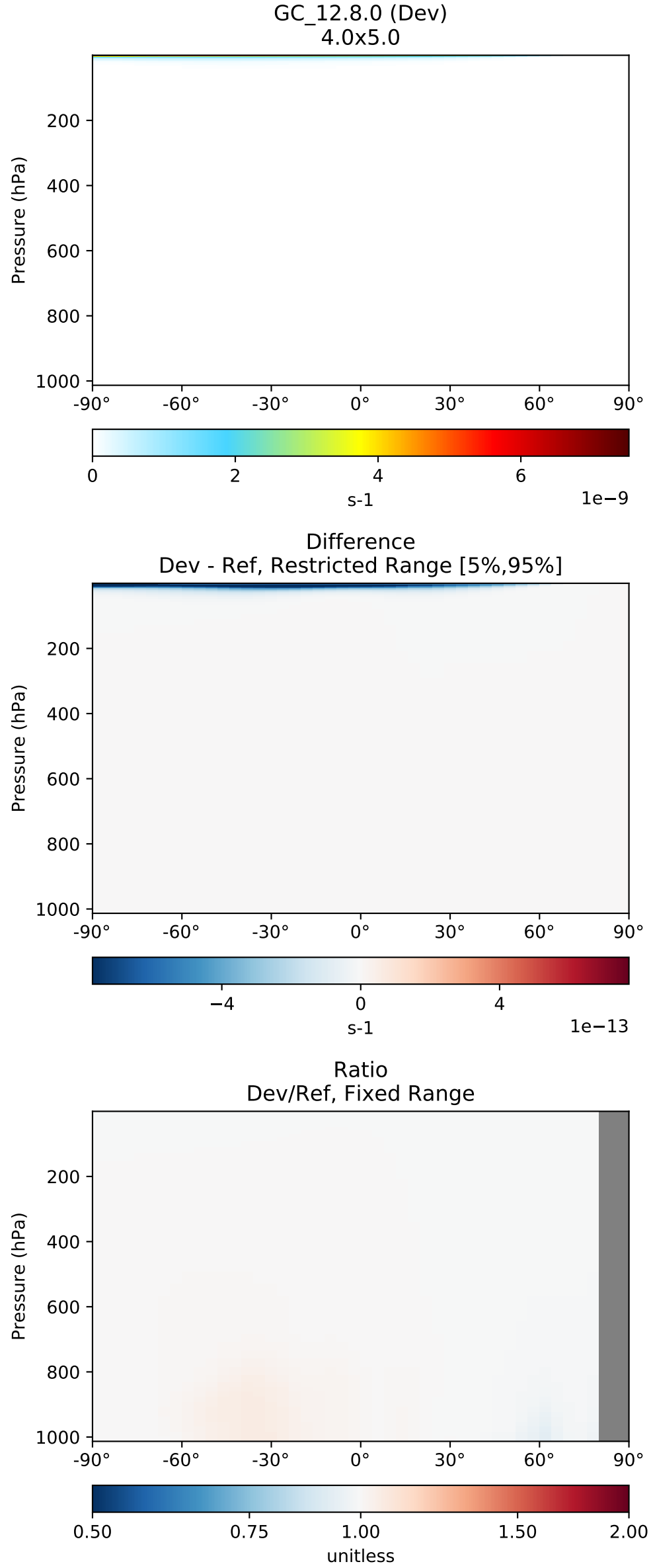
Jval_CFC114, Zonal Mean (Jan2016)



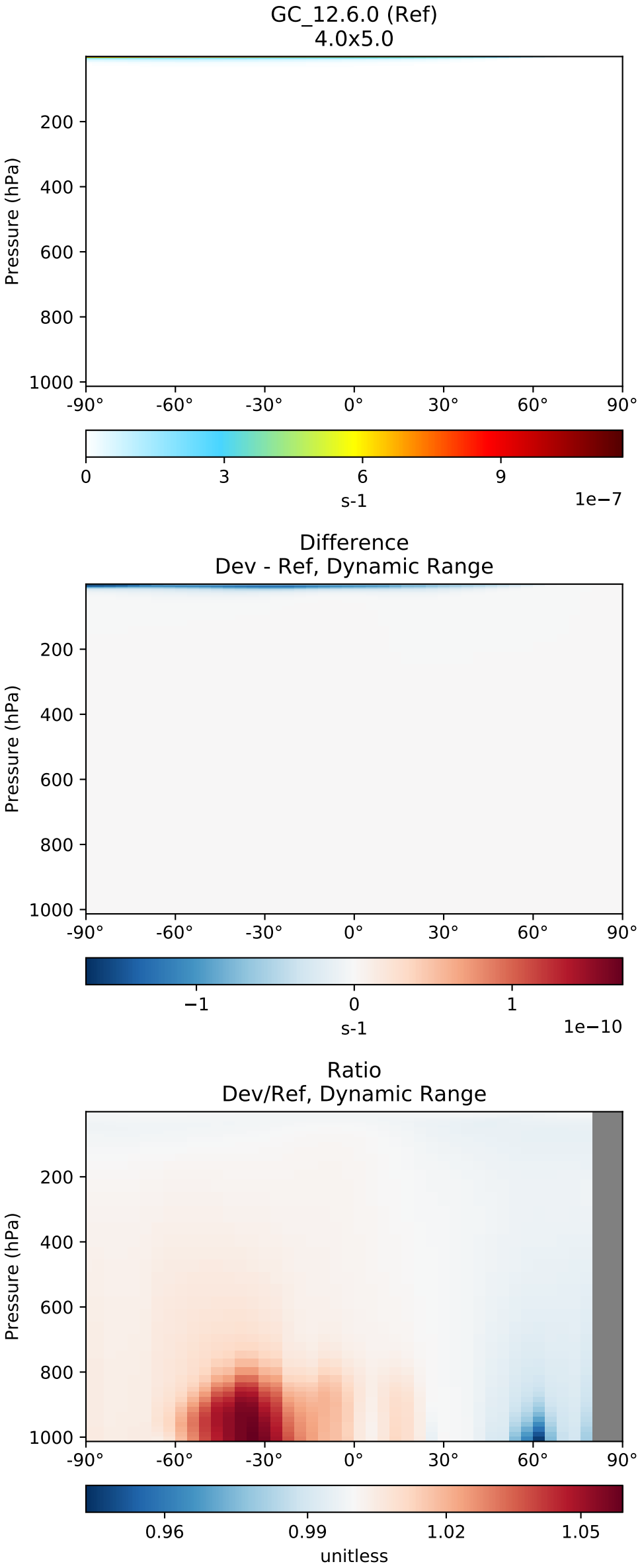


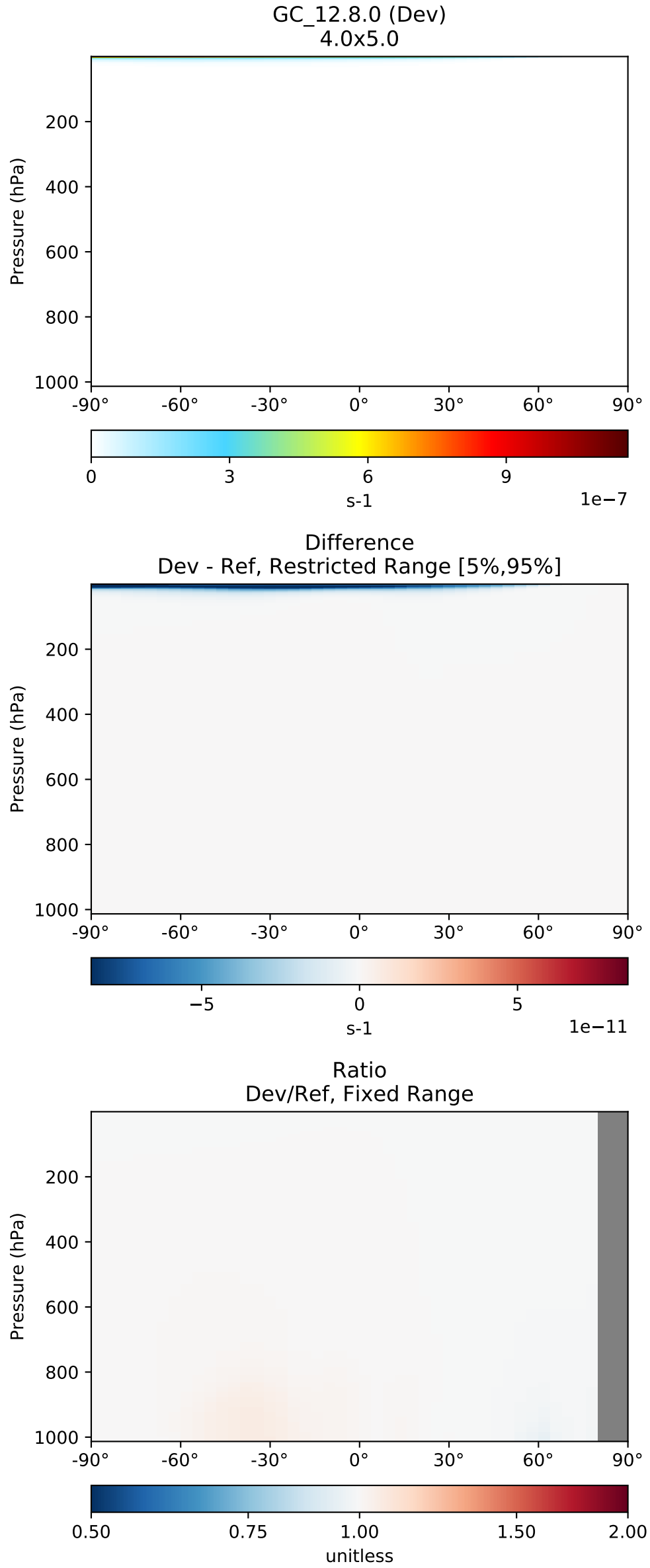
Jval_CFC115, Zonal Mean (Jan2016)



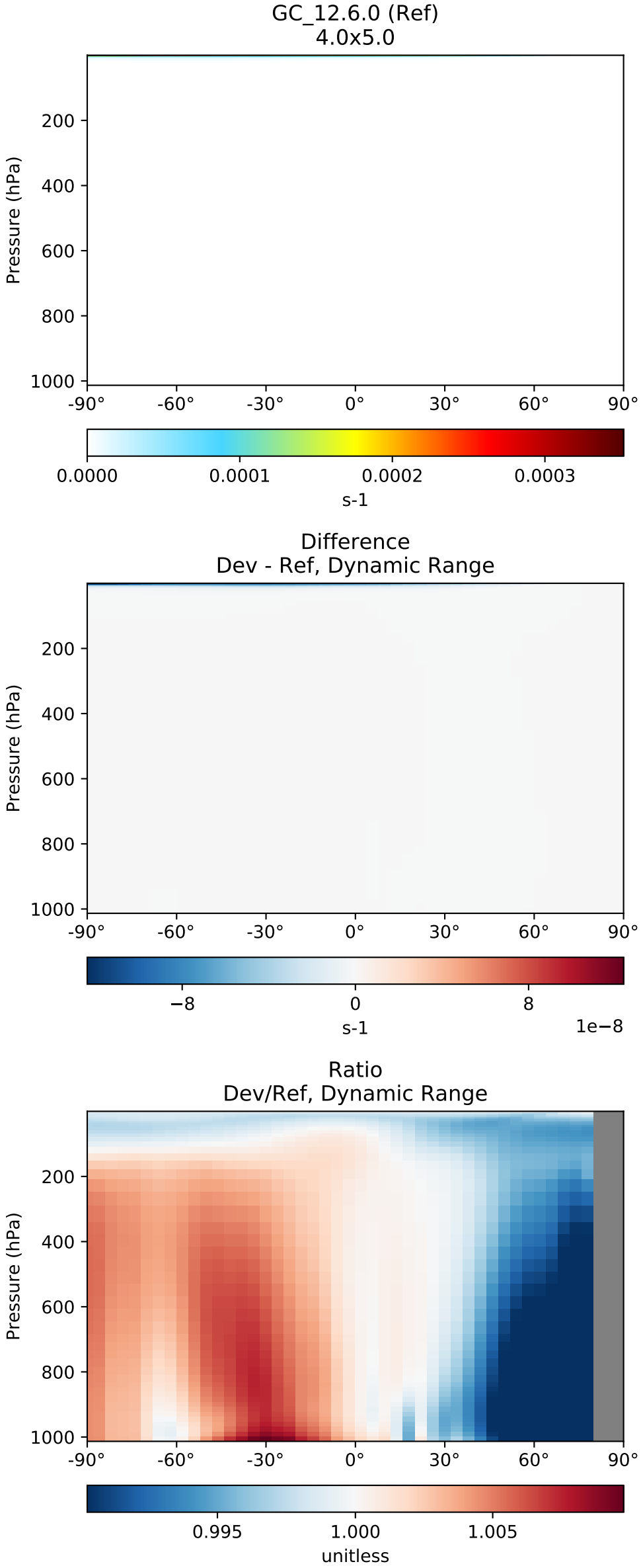


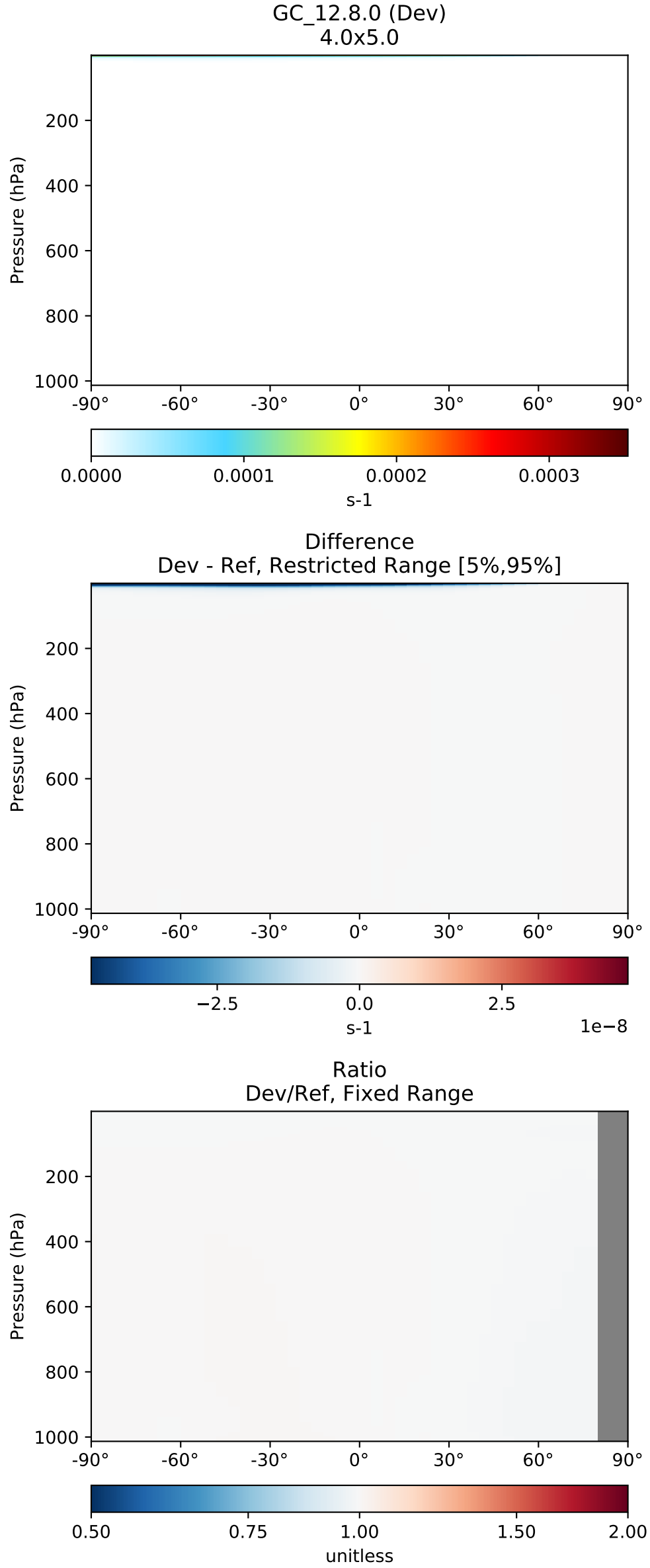
Jval_CFC12, Zonal Mean (Jan2016)



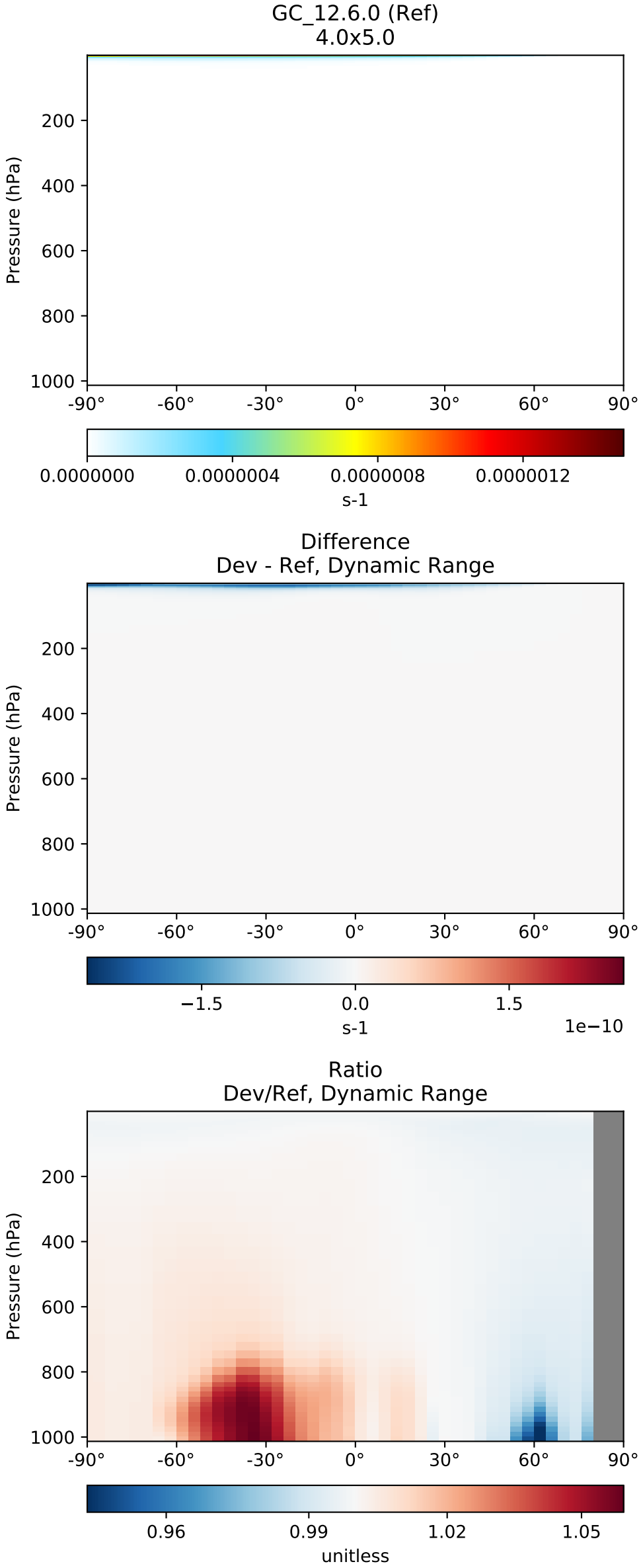


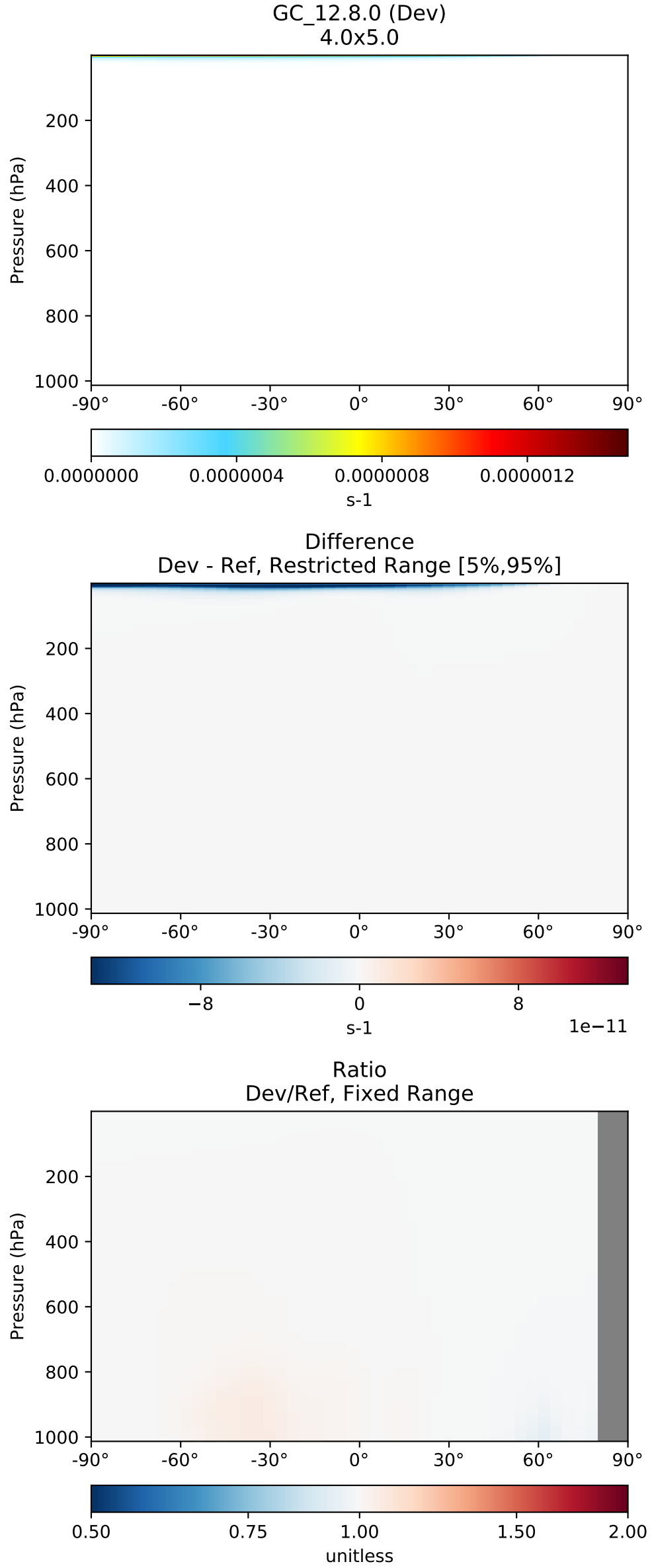
Jval_CH2Br2, Zonal Mean (Jan2016)



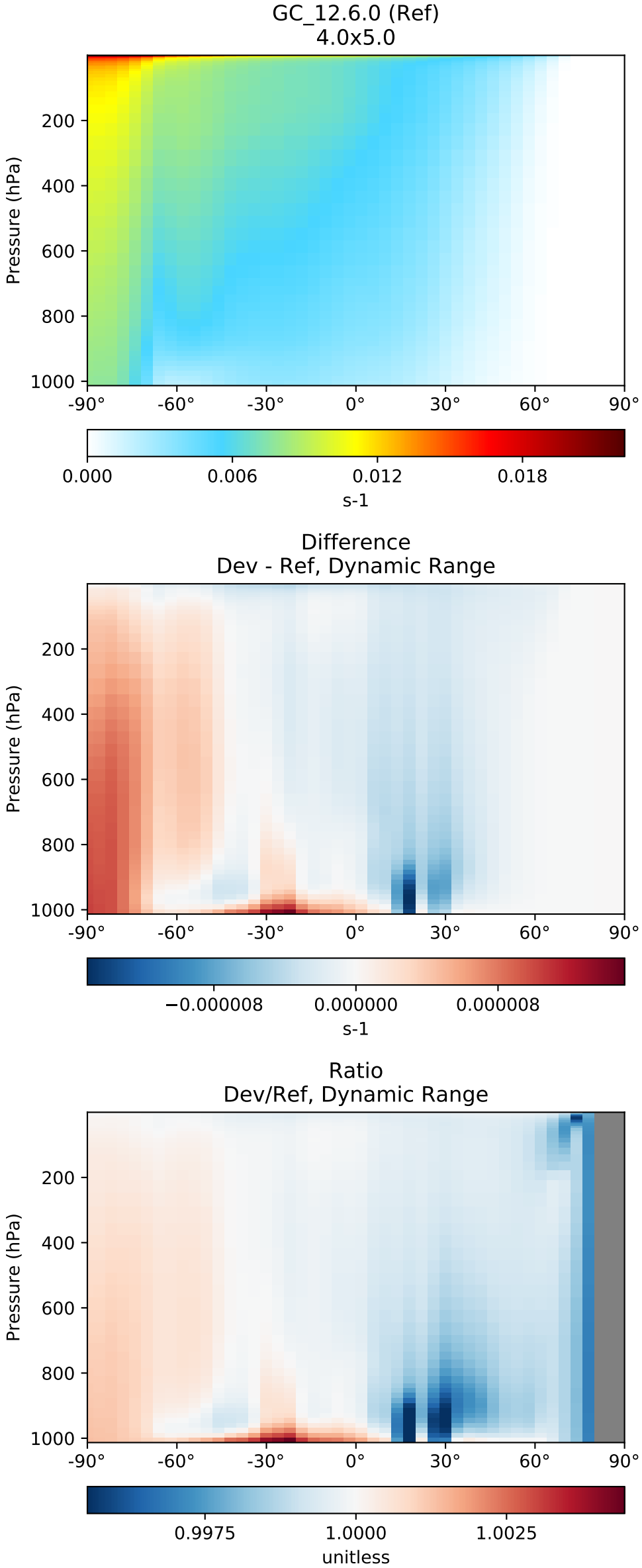


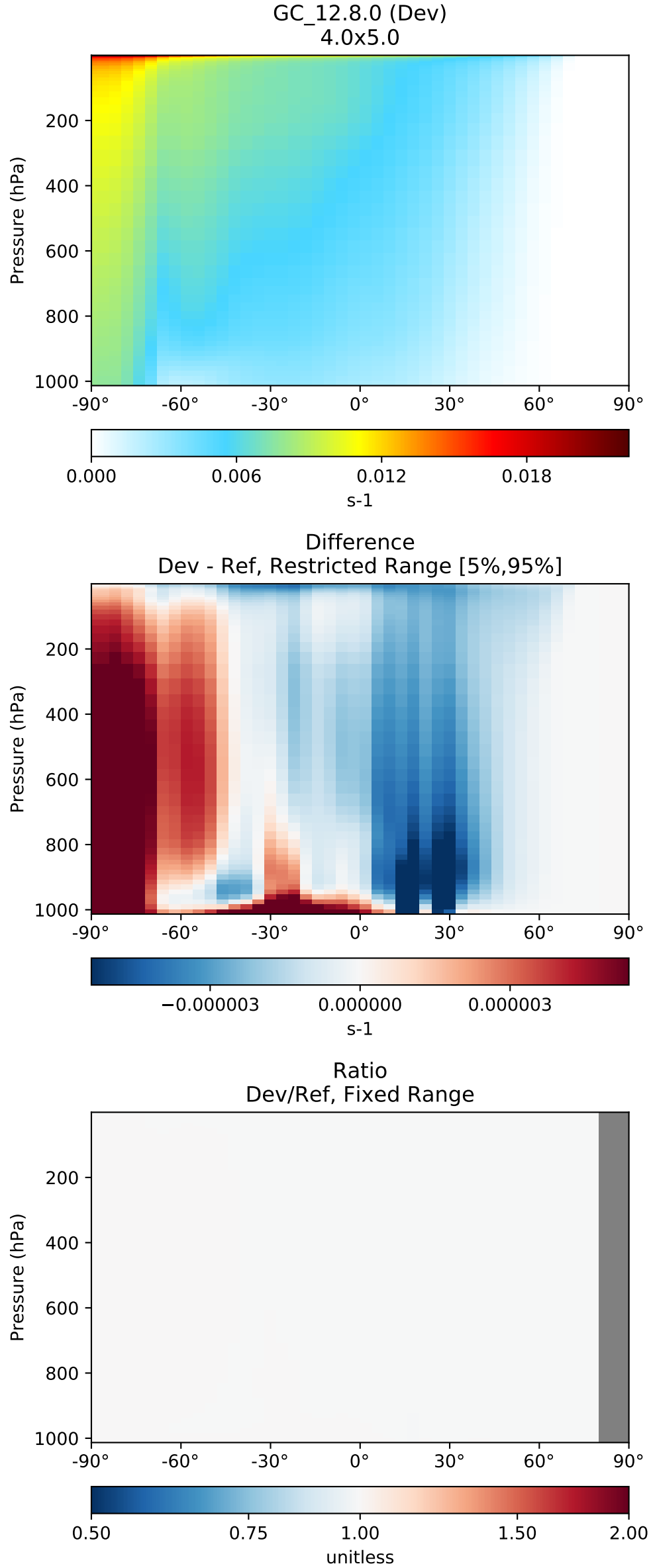
Jval_CH2Cl2, Zonal Mean (Jan2016)



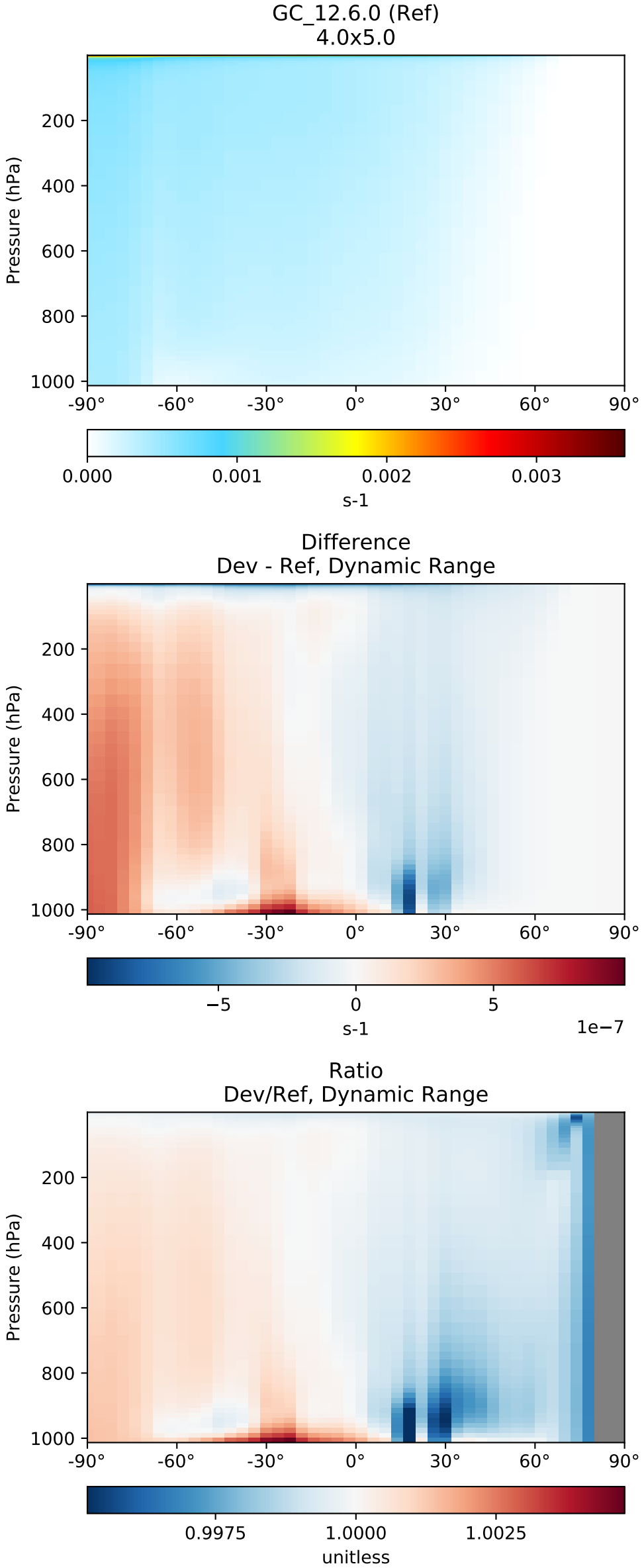


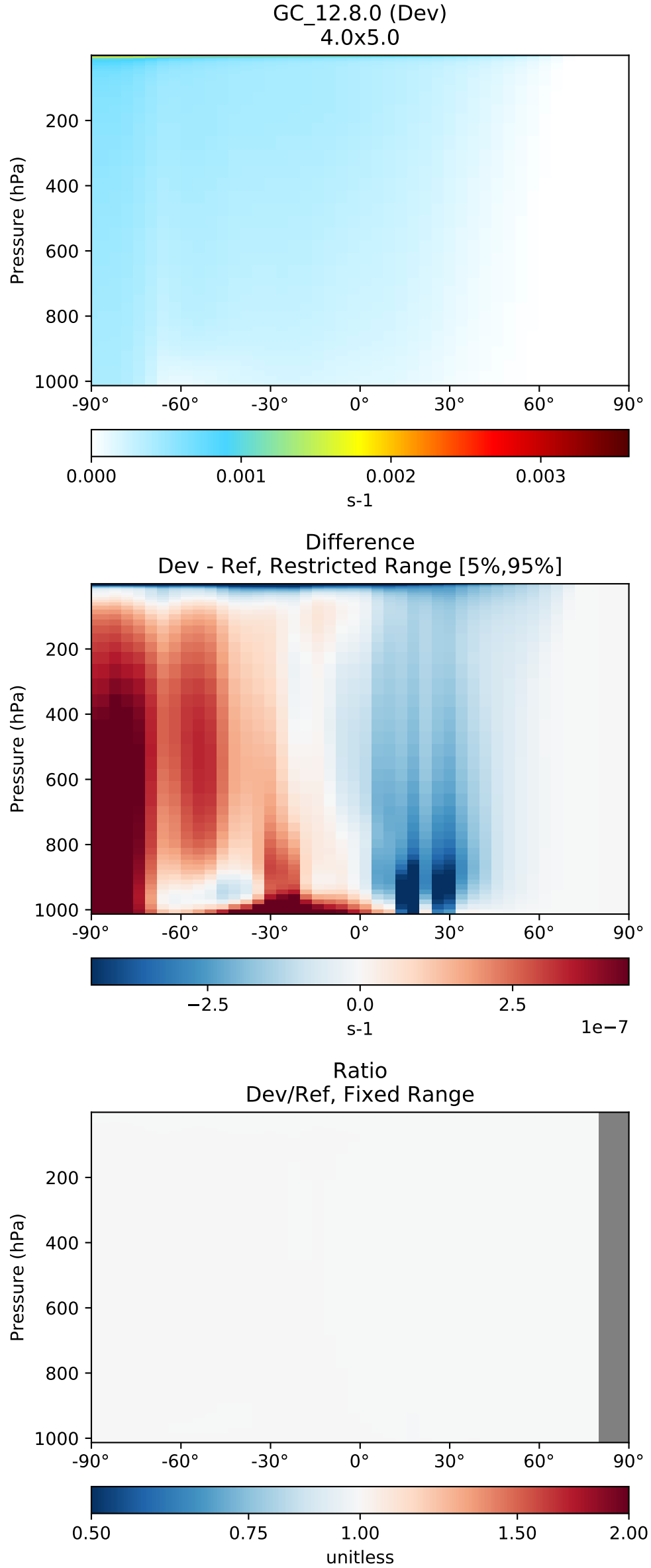
Jval_CH2I2, Zonal Mean (Jan2016)



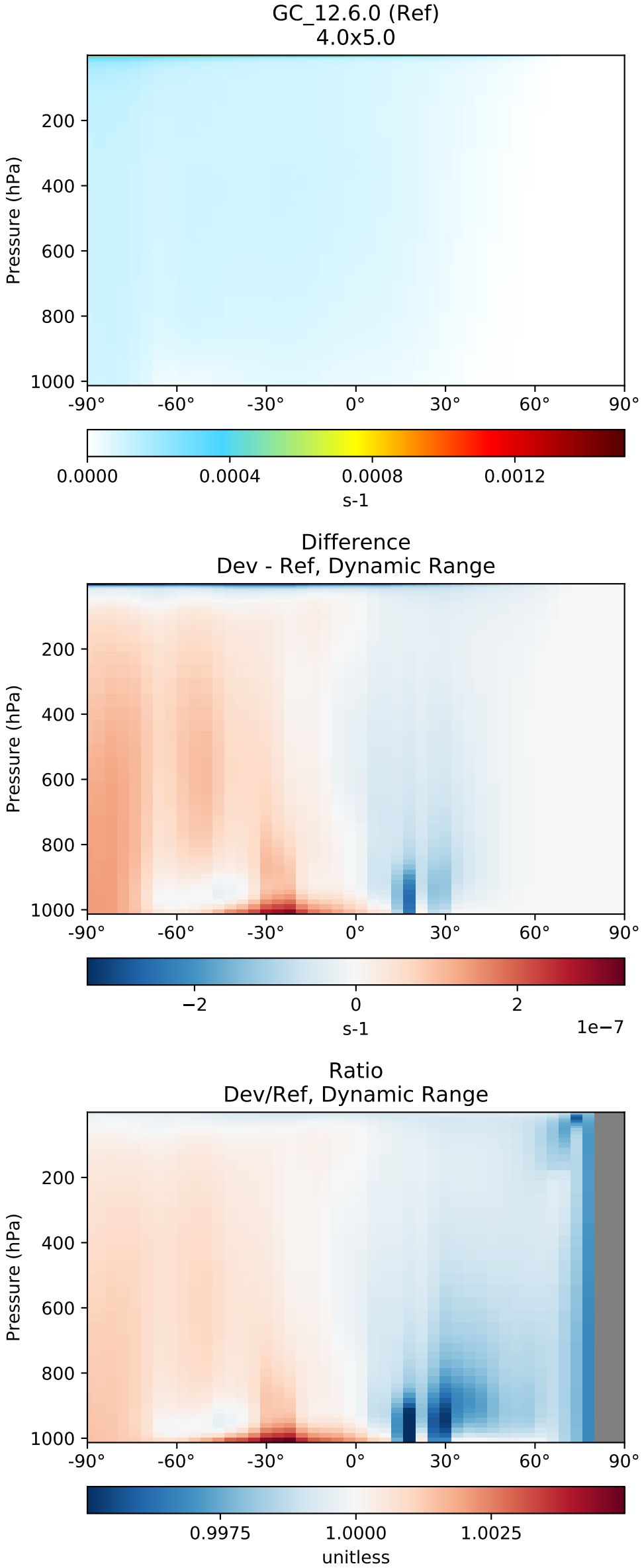


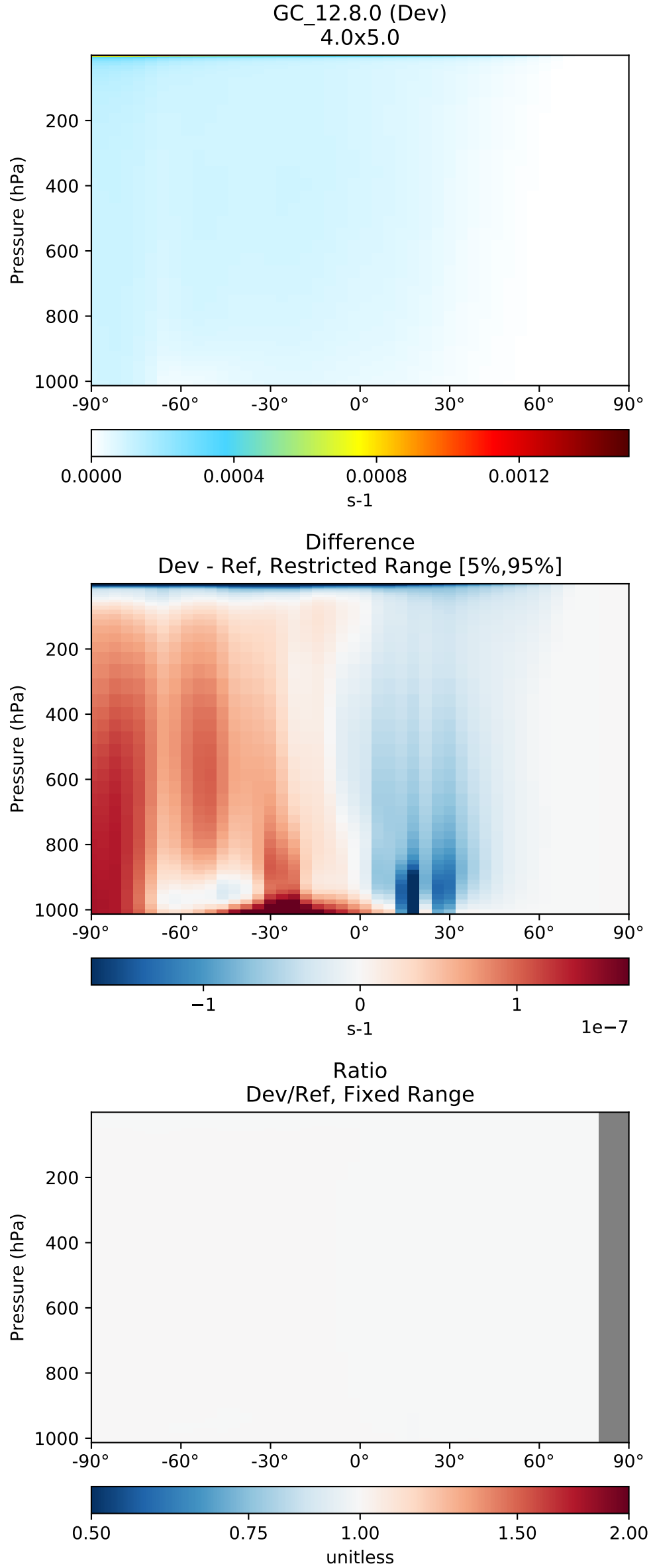
Jval_CH2IBr, Zonal Mean (Jan2016)



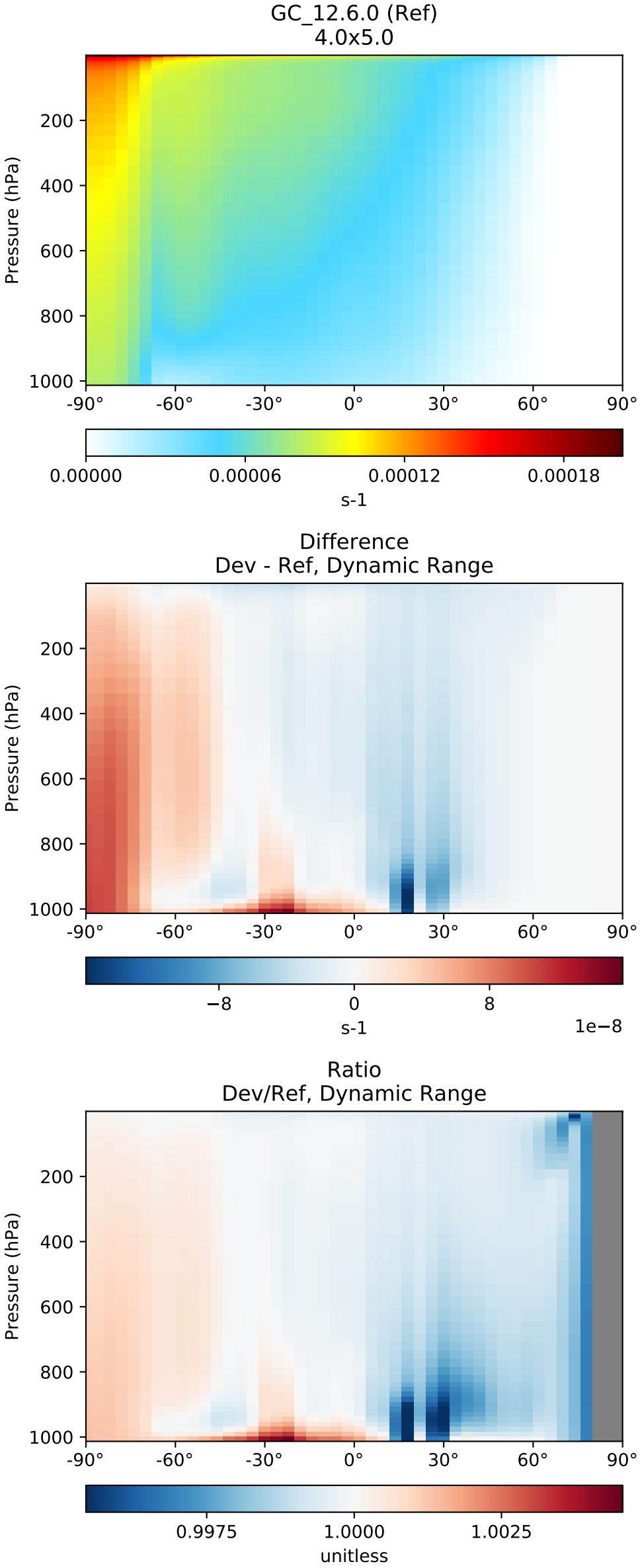


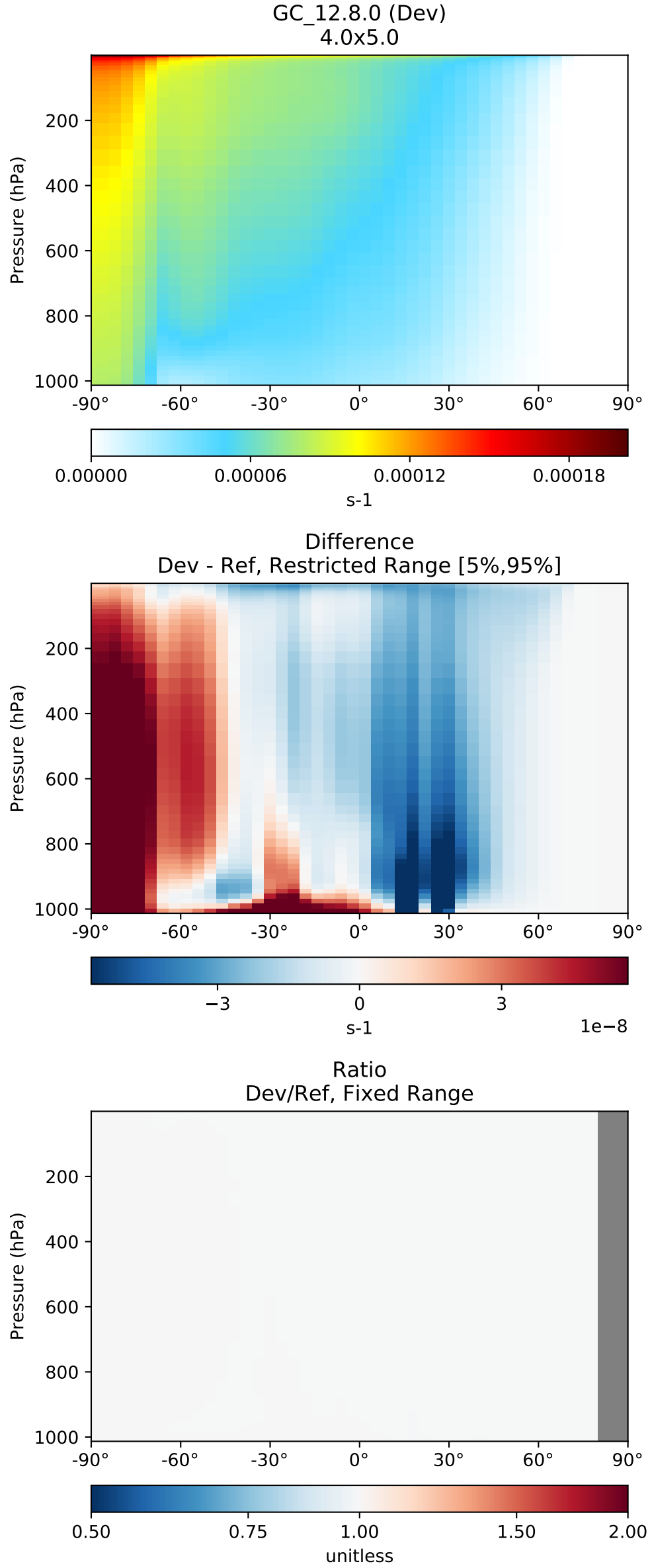
Jval_CH2ICl, Zonal Mean (Jan2016)



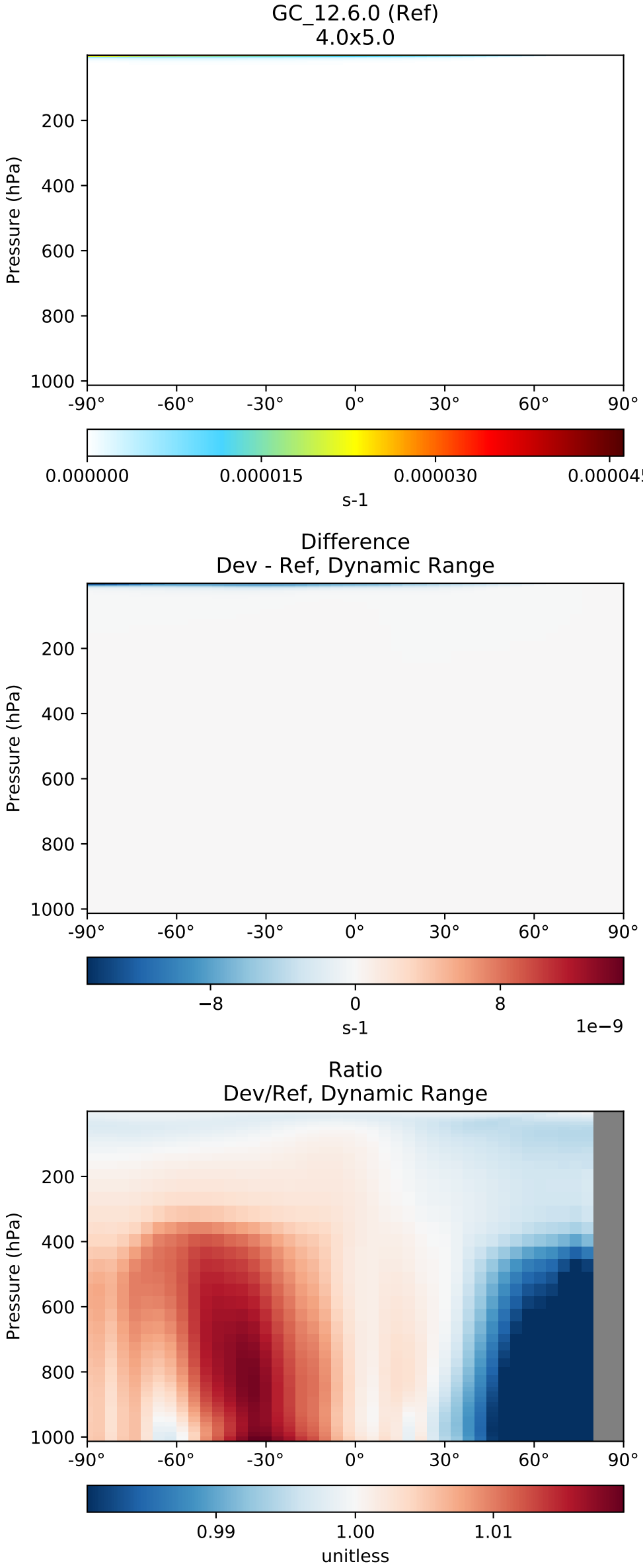


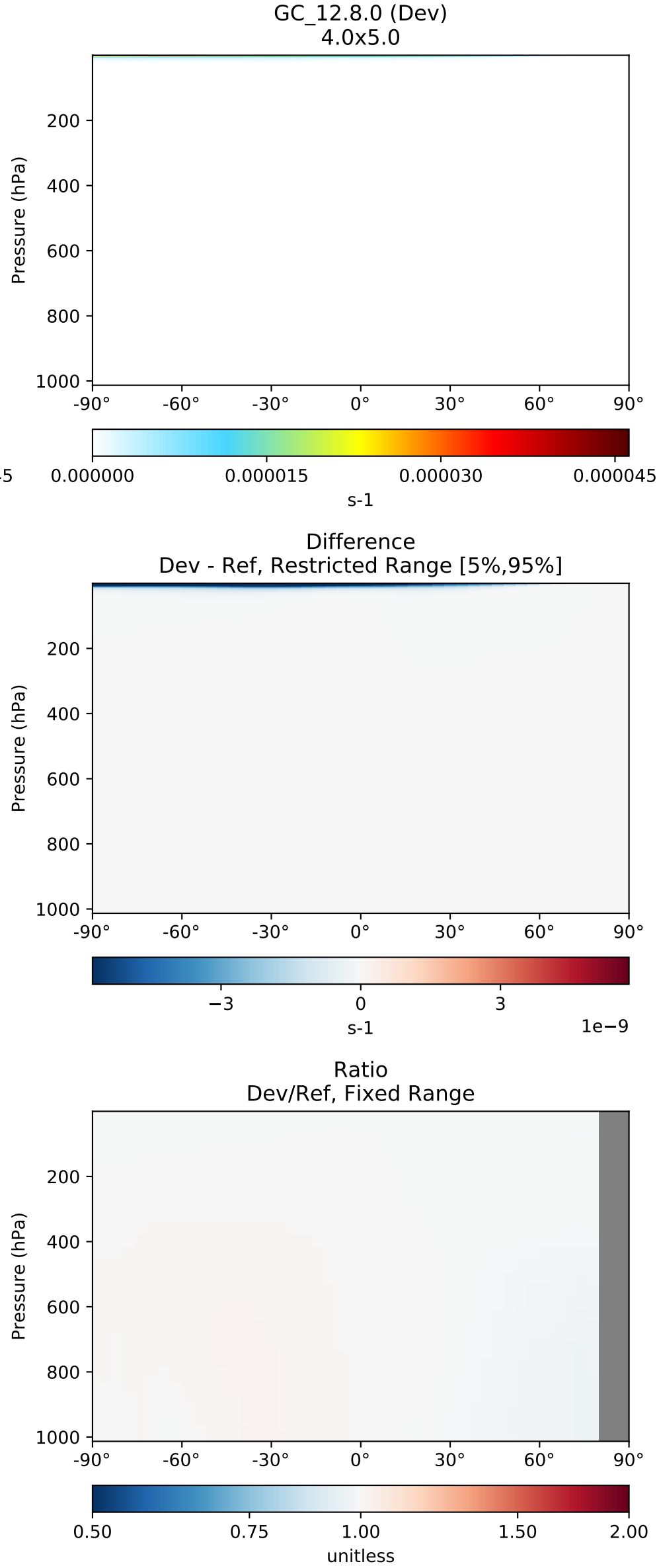
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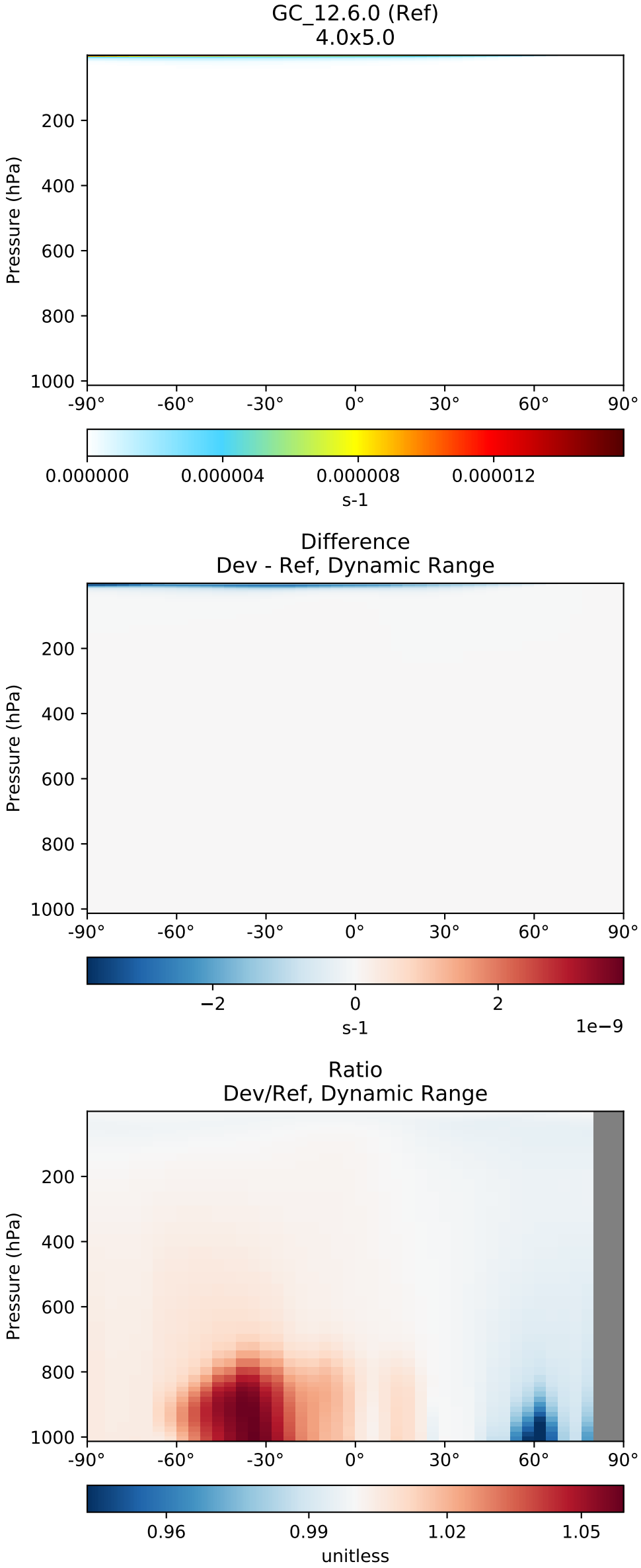


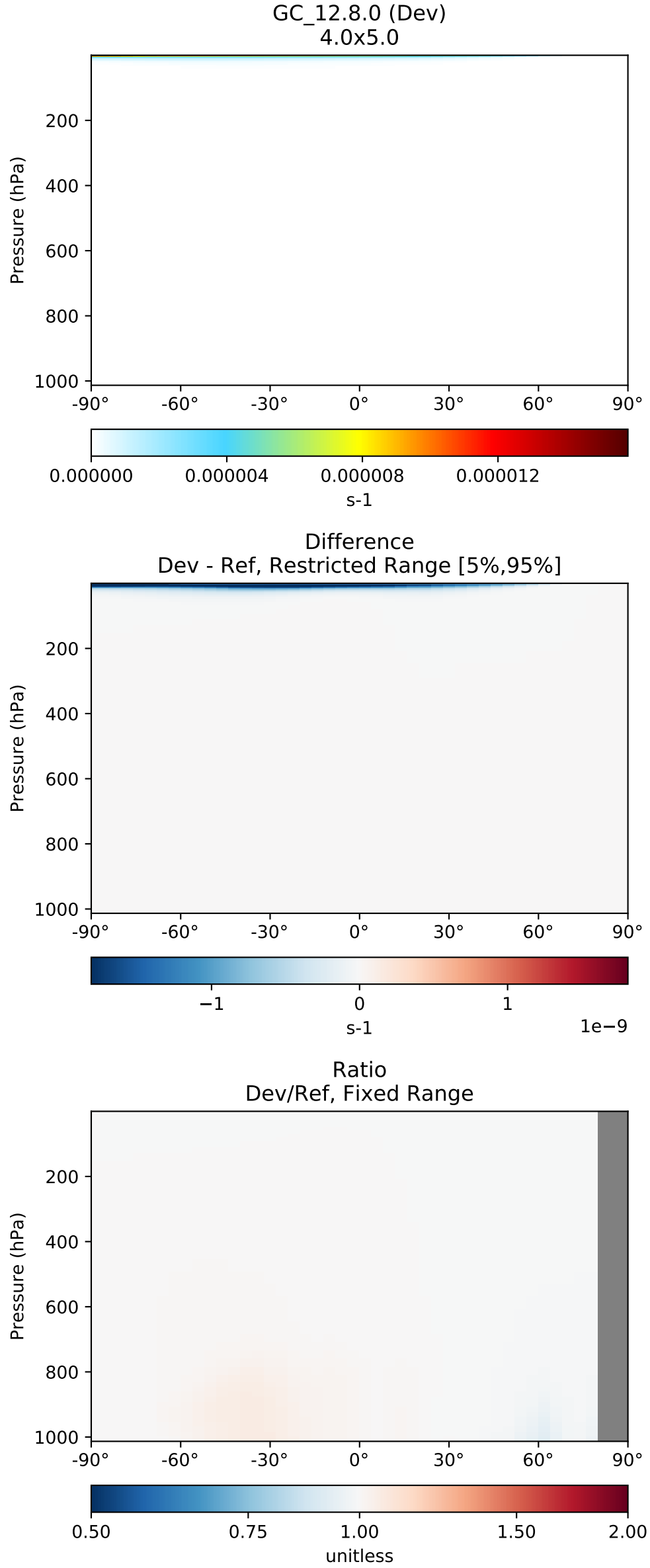
Jval_CH3Br, Zonal Mean (Jan2016)



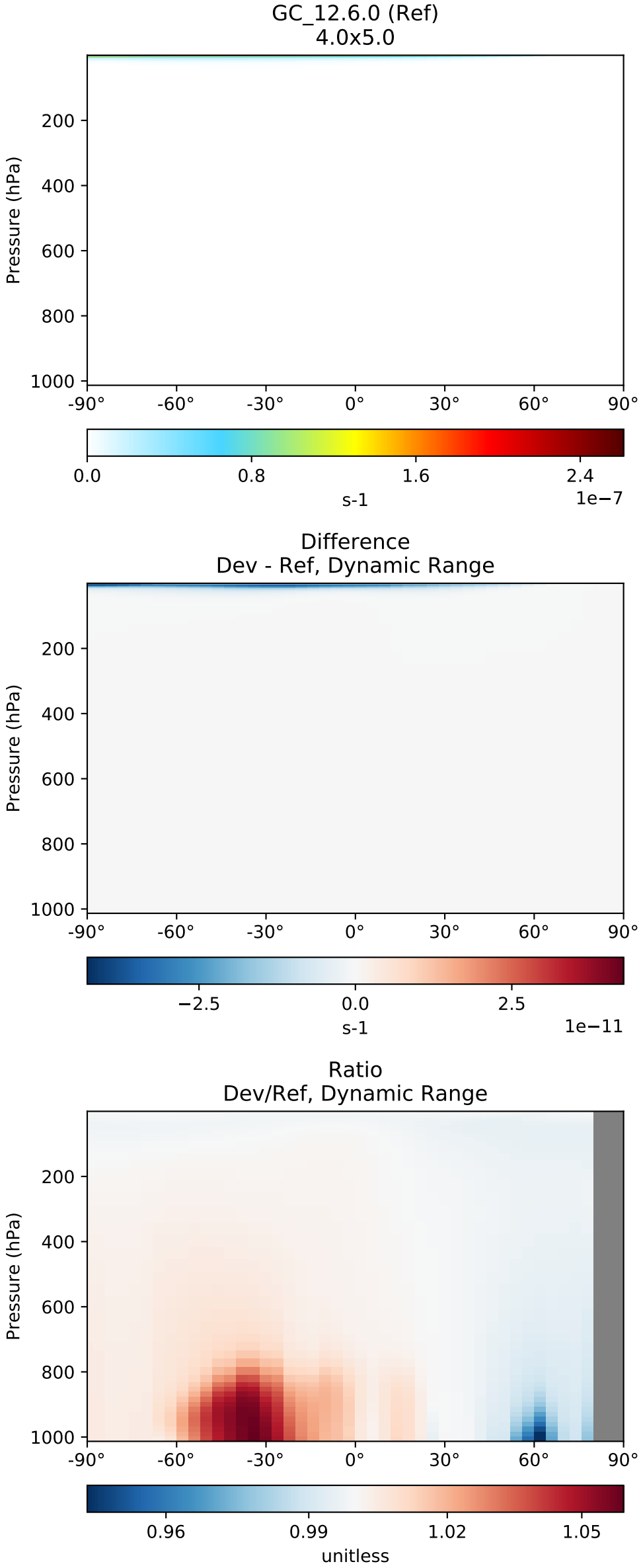


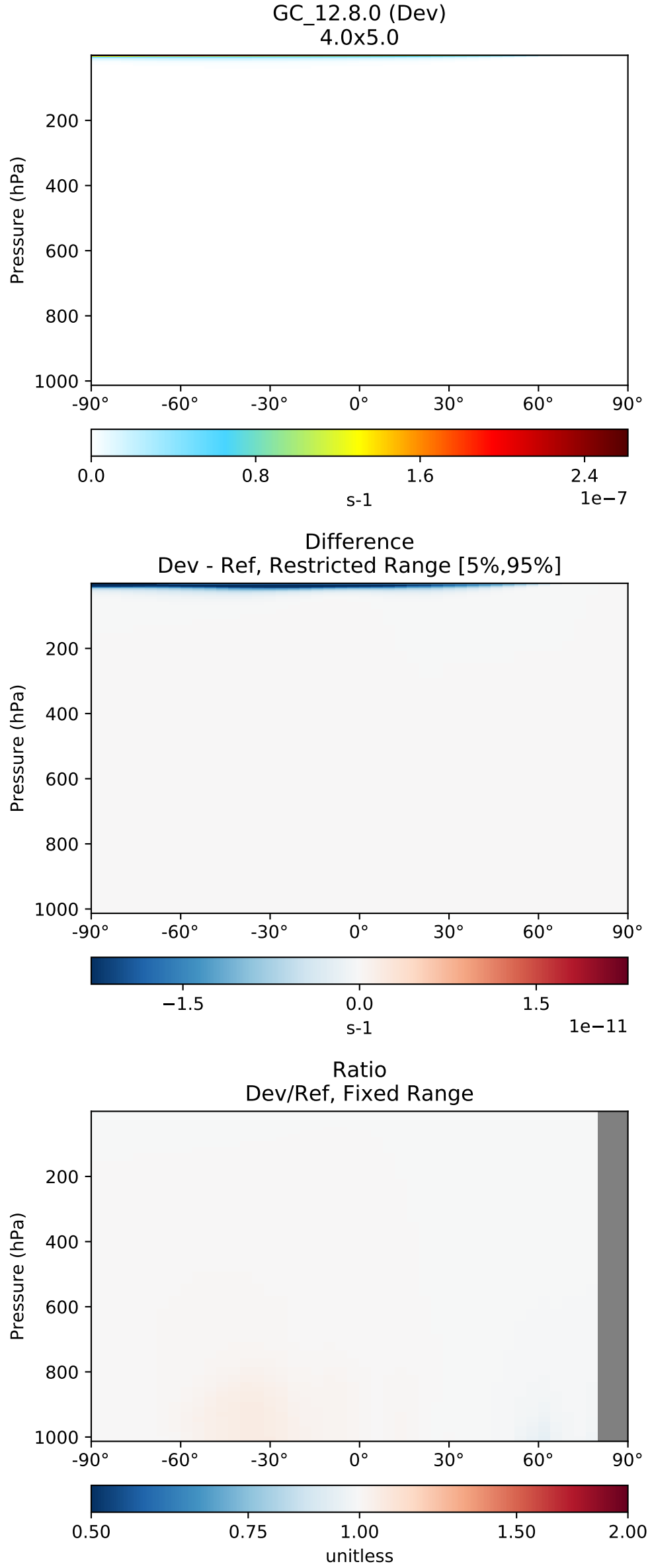
Jval_CH3CCl3, Zonal Mean (Jan2016)



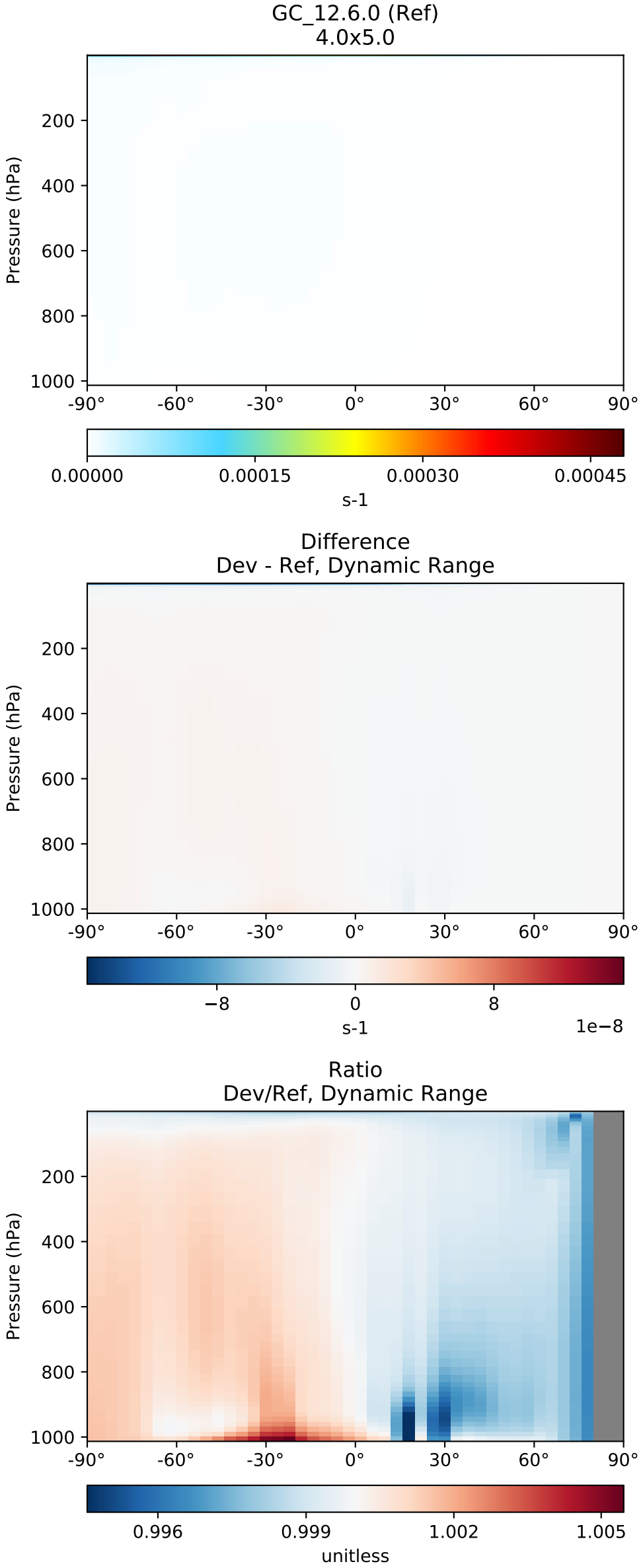


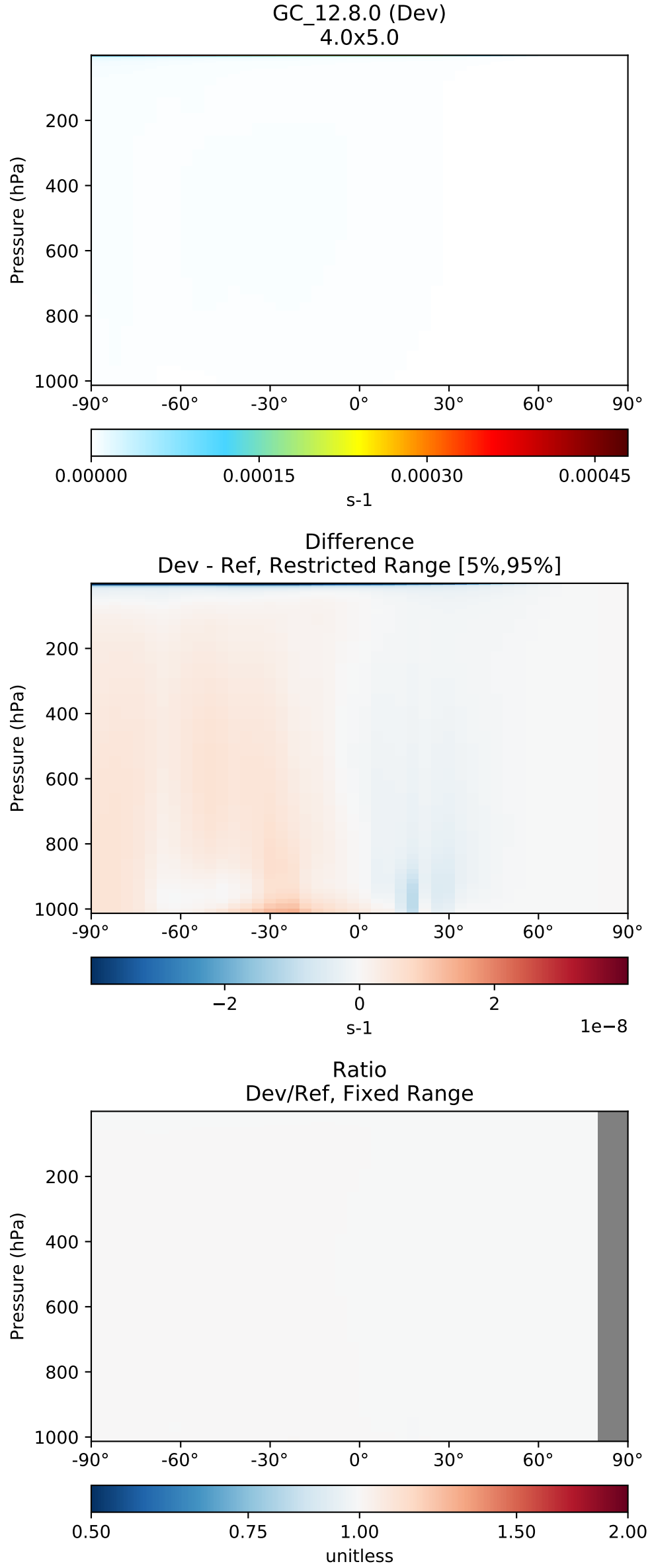
Jval_CH3Cl, Zonal Mean (Jan2016)



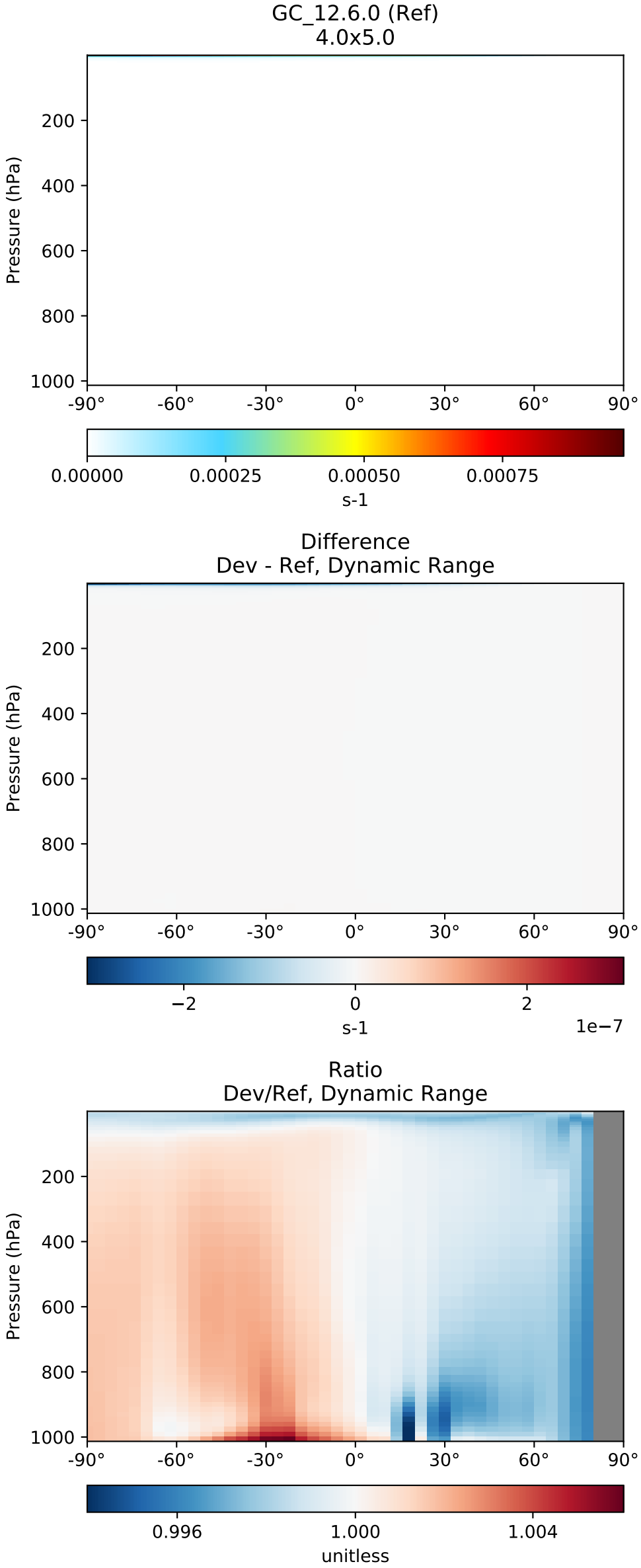


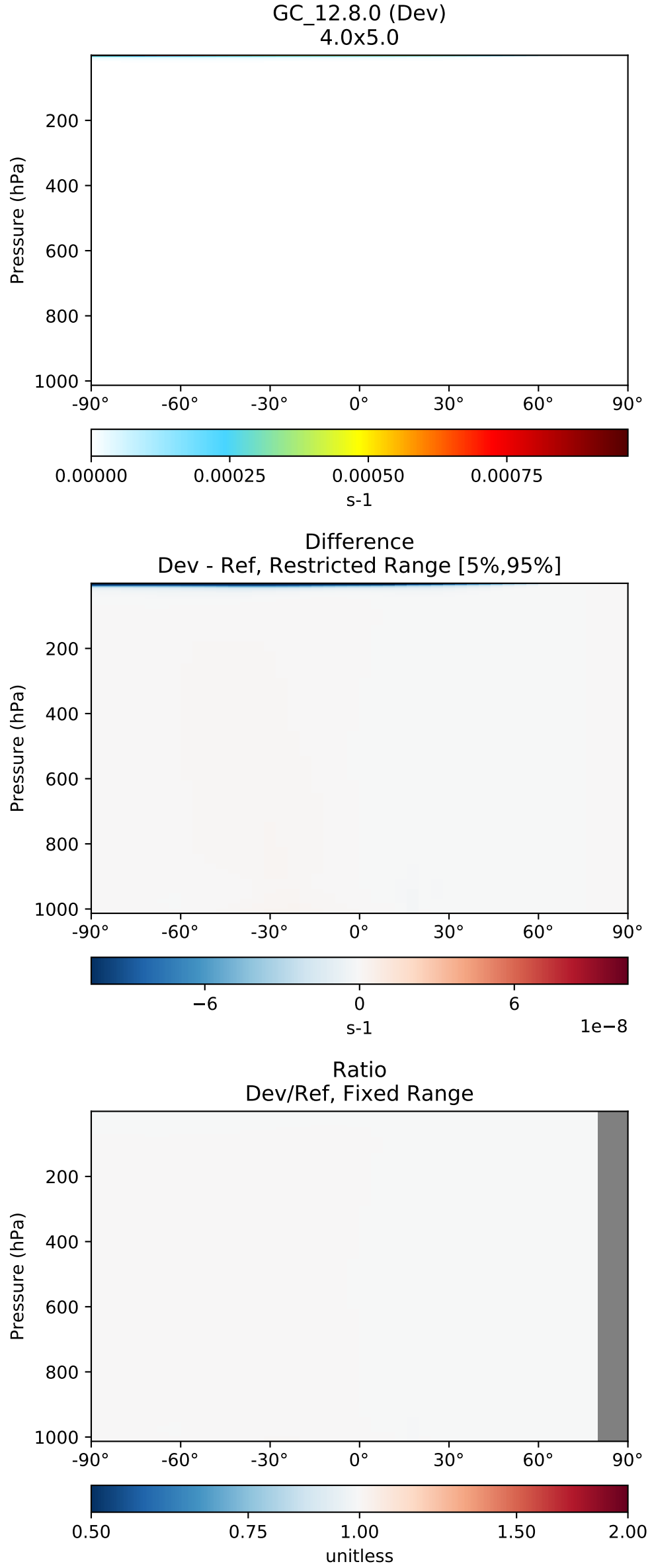
Jval_CH3I, Zonal Mean (Jan2016)





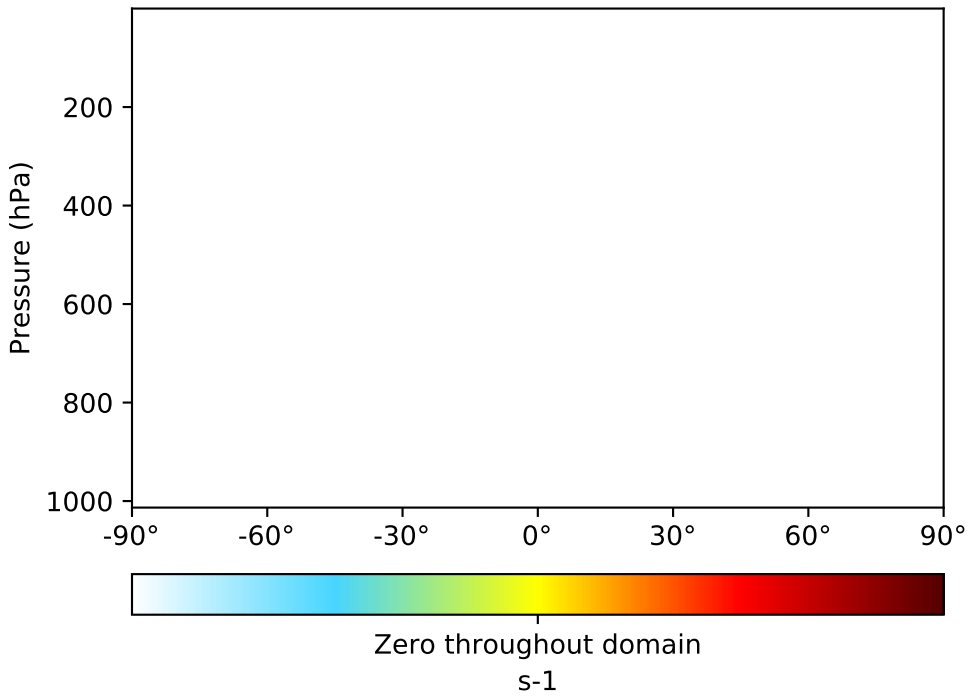
Jval_CHBr3, Zonal Mean (Jan2016)



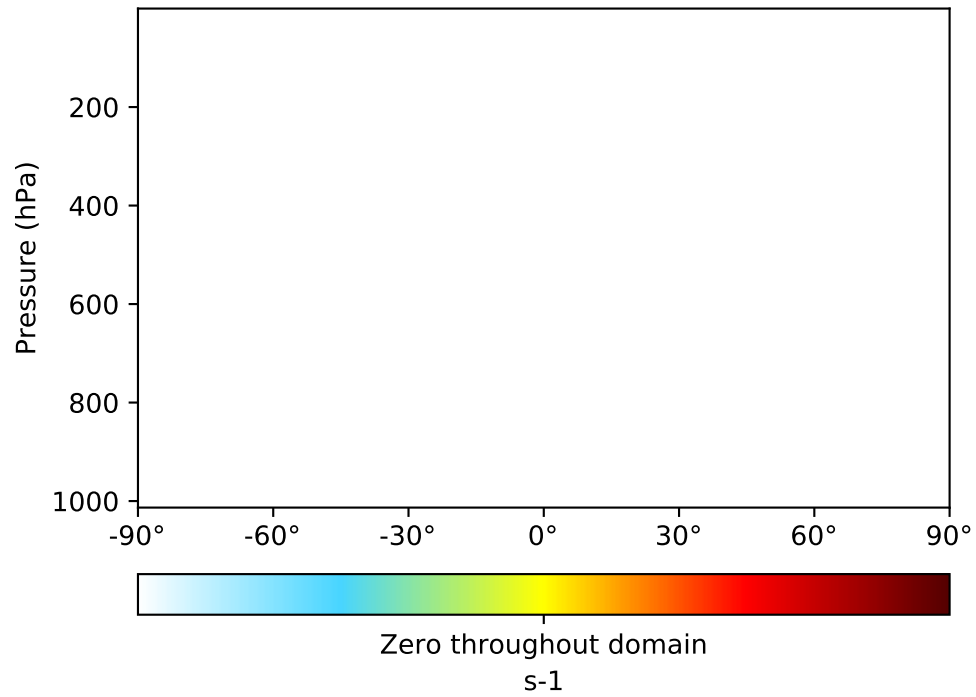


Jval_CHCl3, Zonal Mean (Jan2016)

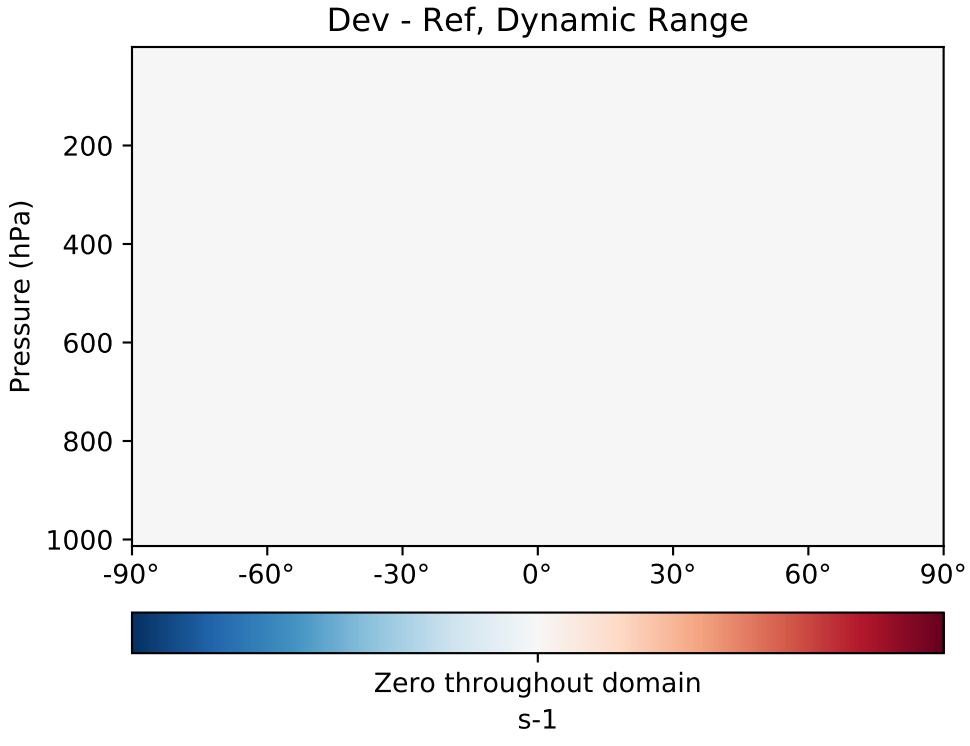
GC_12.6.0 (Ref)
4.0x5.0



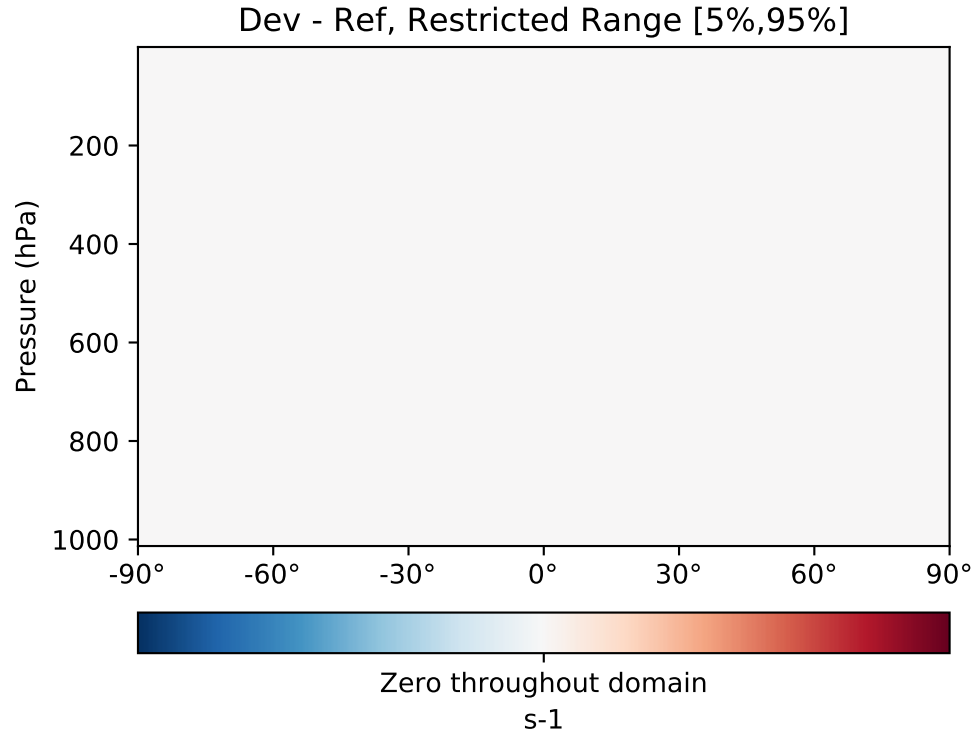
GC_12.8.0 (Dev)
4.0x5.0



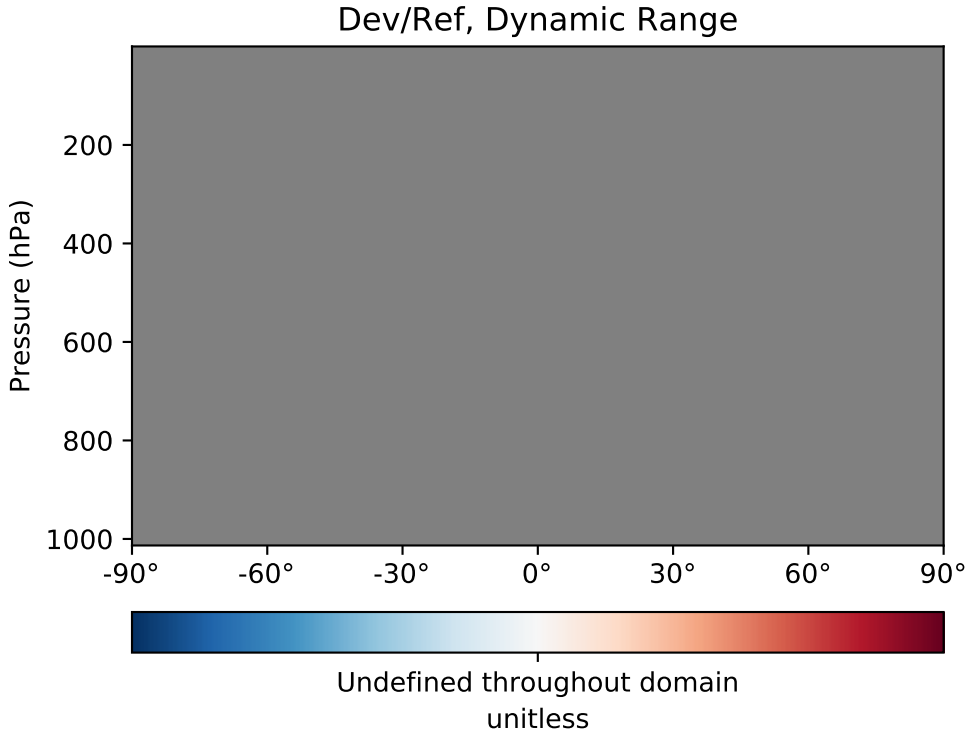
Difference
Dev - Ref, Dynamic Range



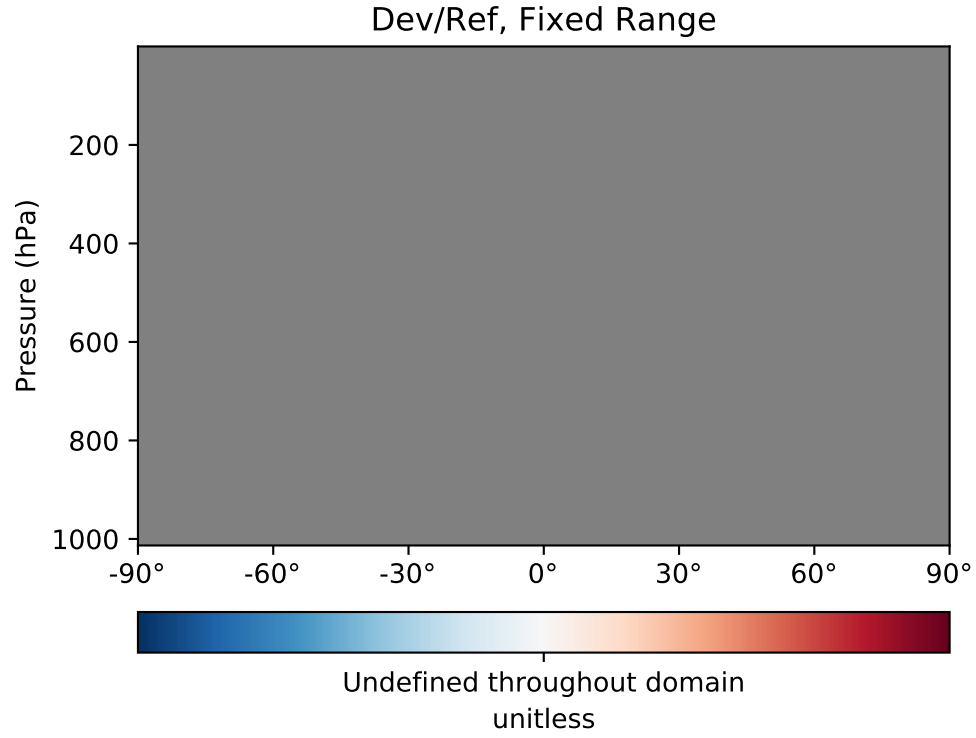
Difference
Dev - Ref, Restricted Range [5%,95%]



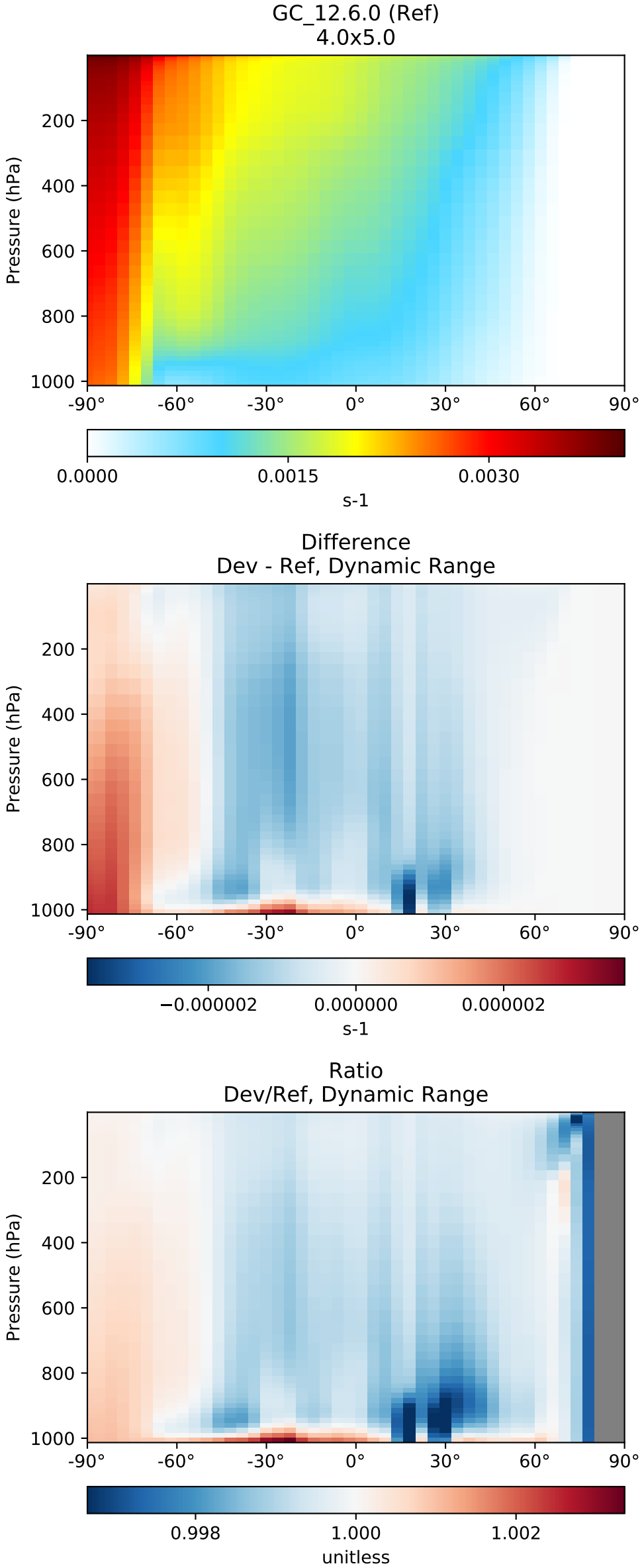
Ratio
Dev/Ref, Dynamic Range

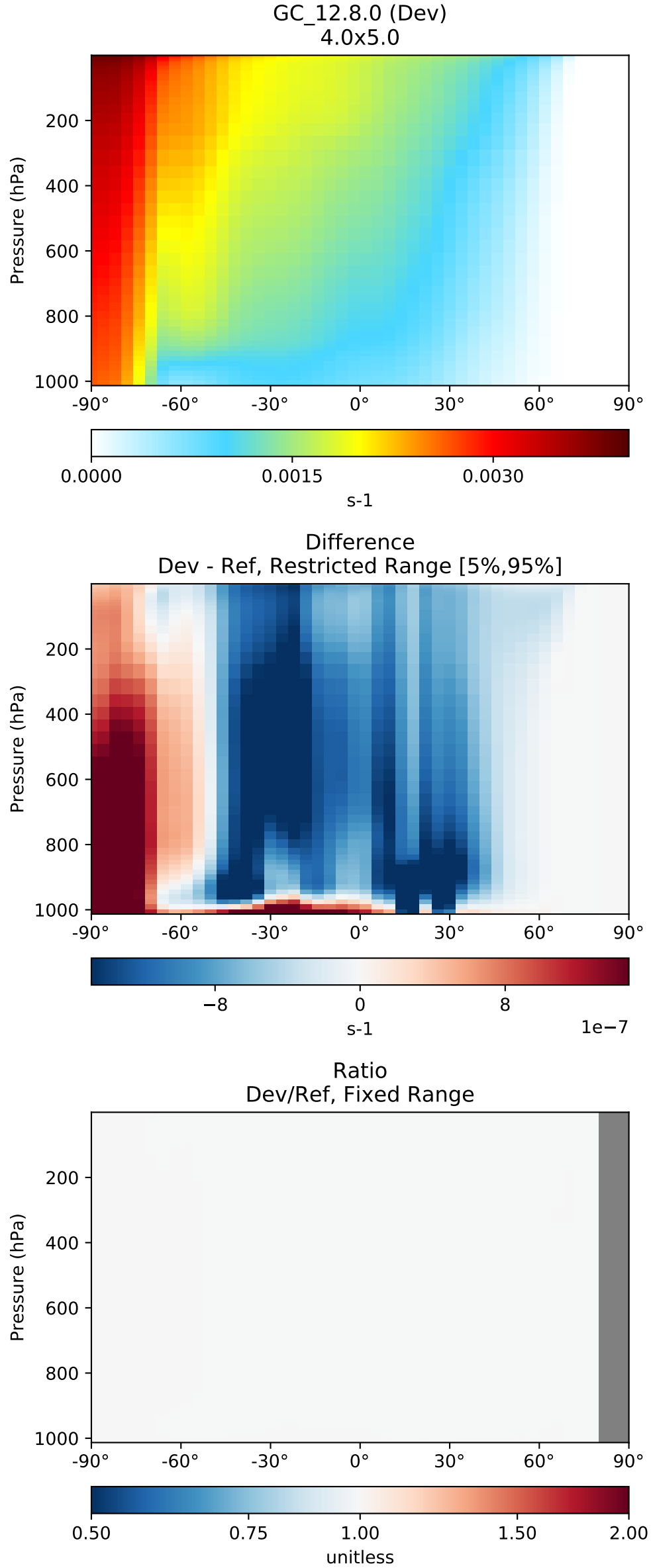


Ratio
Dev/Ref, Fixed Range

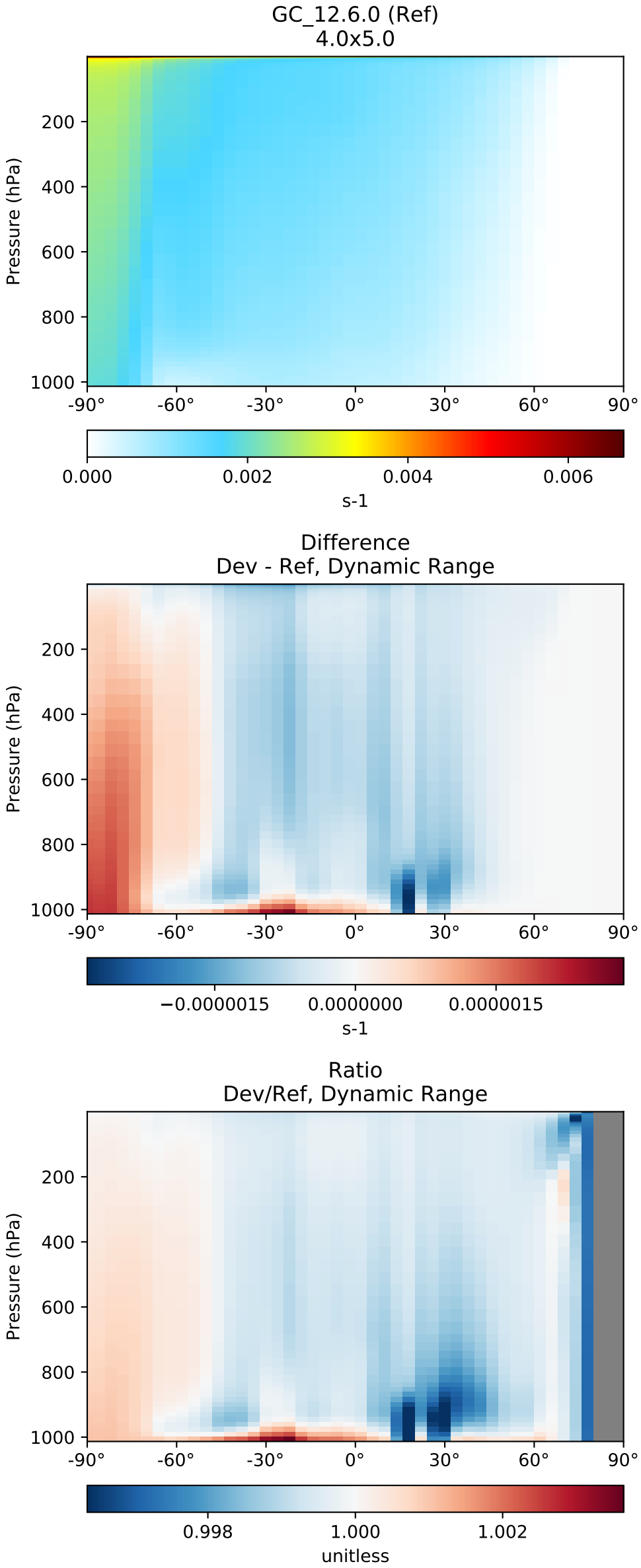


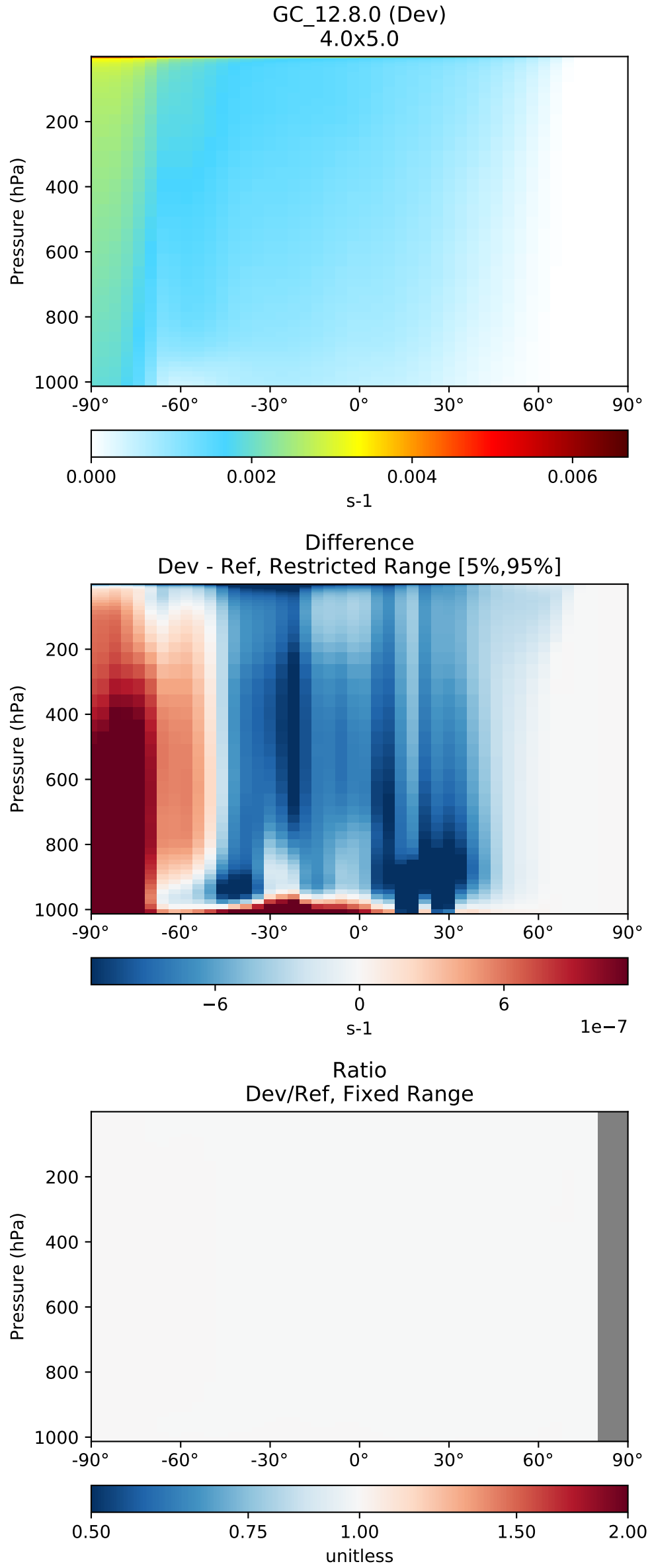
Jval_Cl2, Zonal Mean (Jan2016)



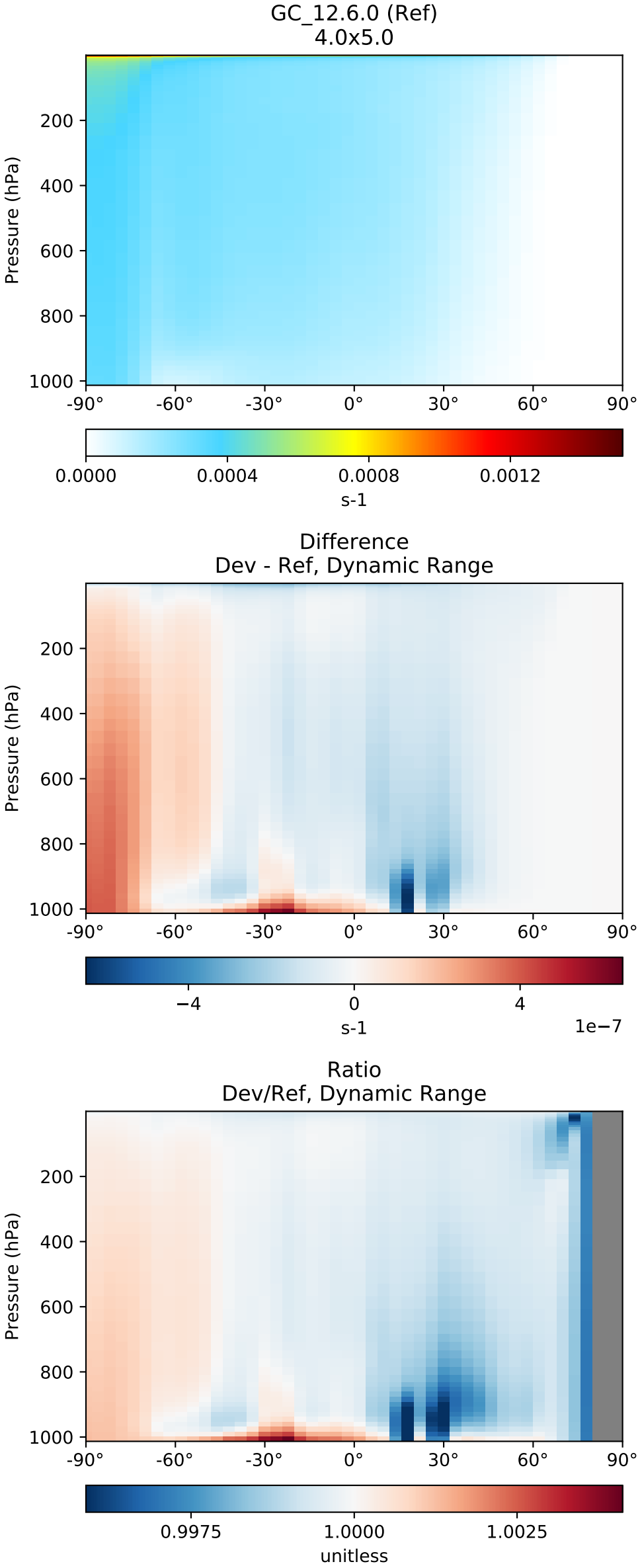


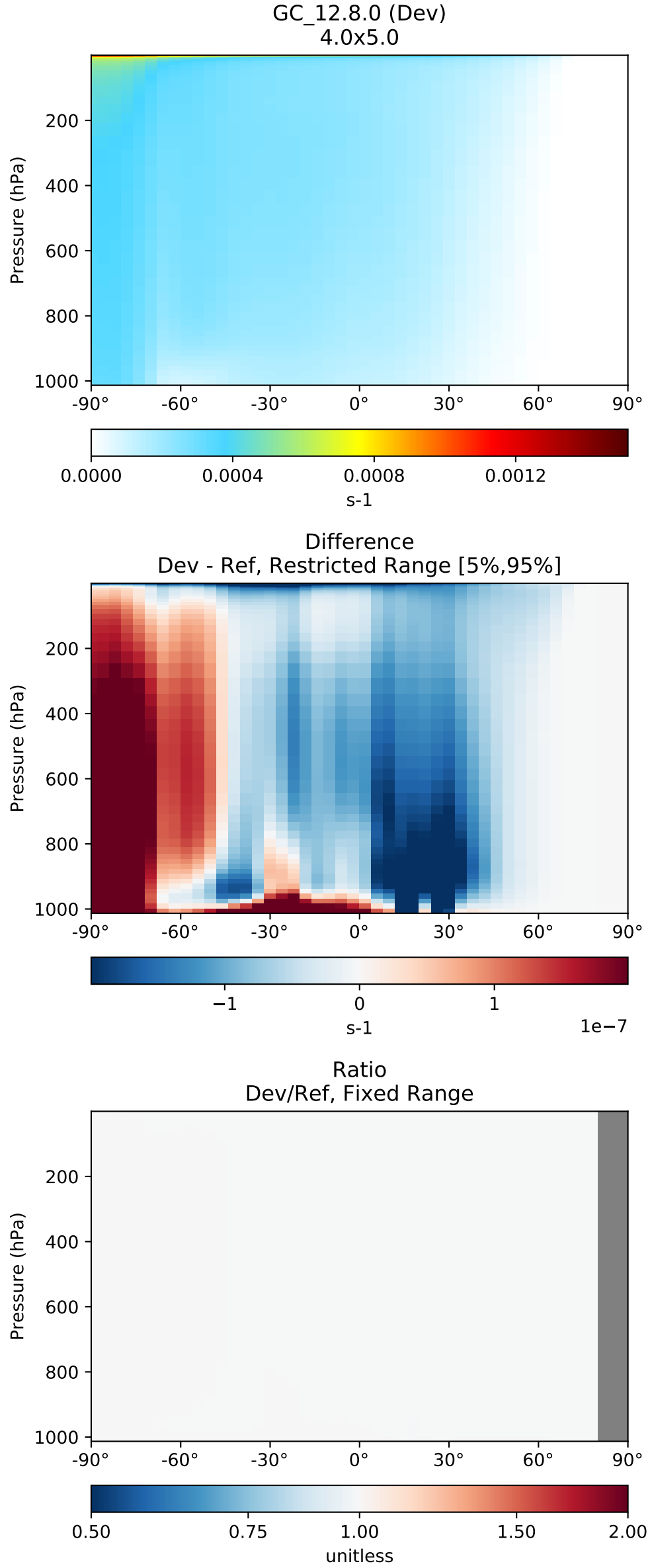
Jval_Cl2O2, Zonal Mean (Jan2016)



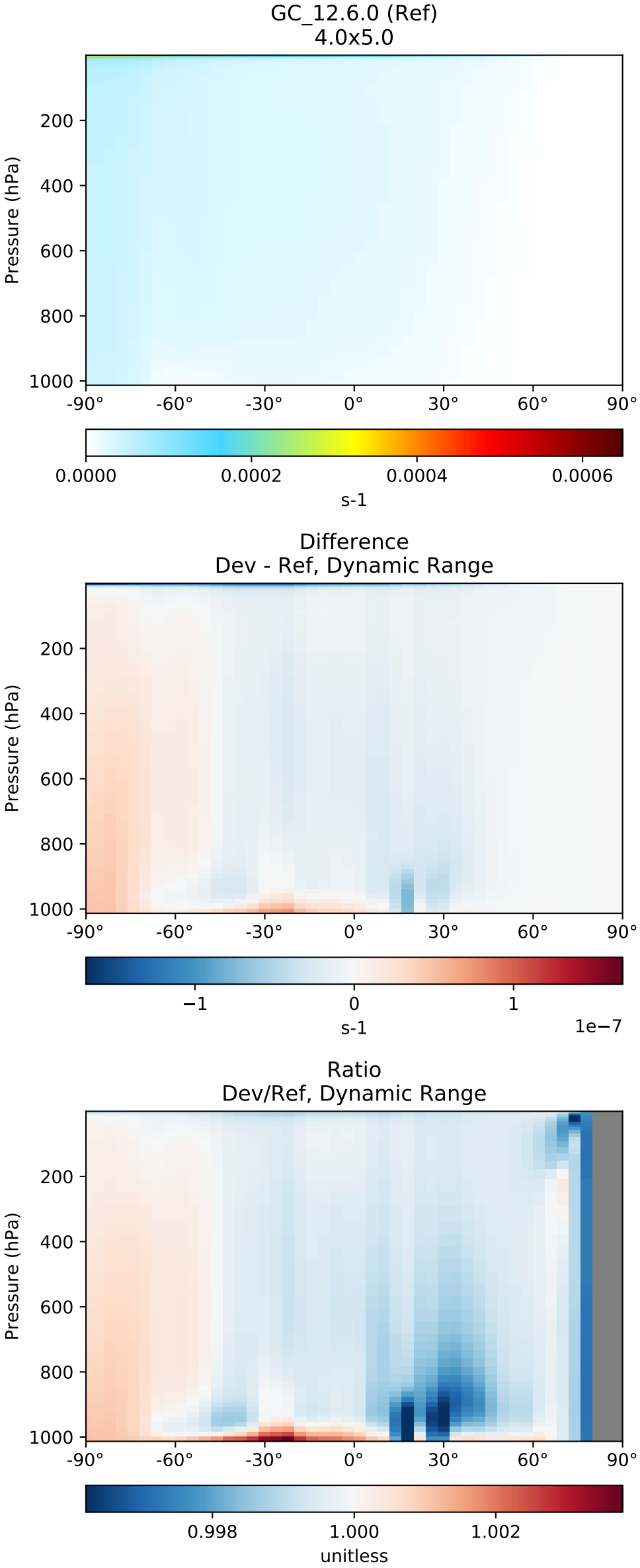


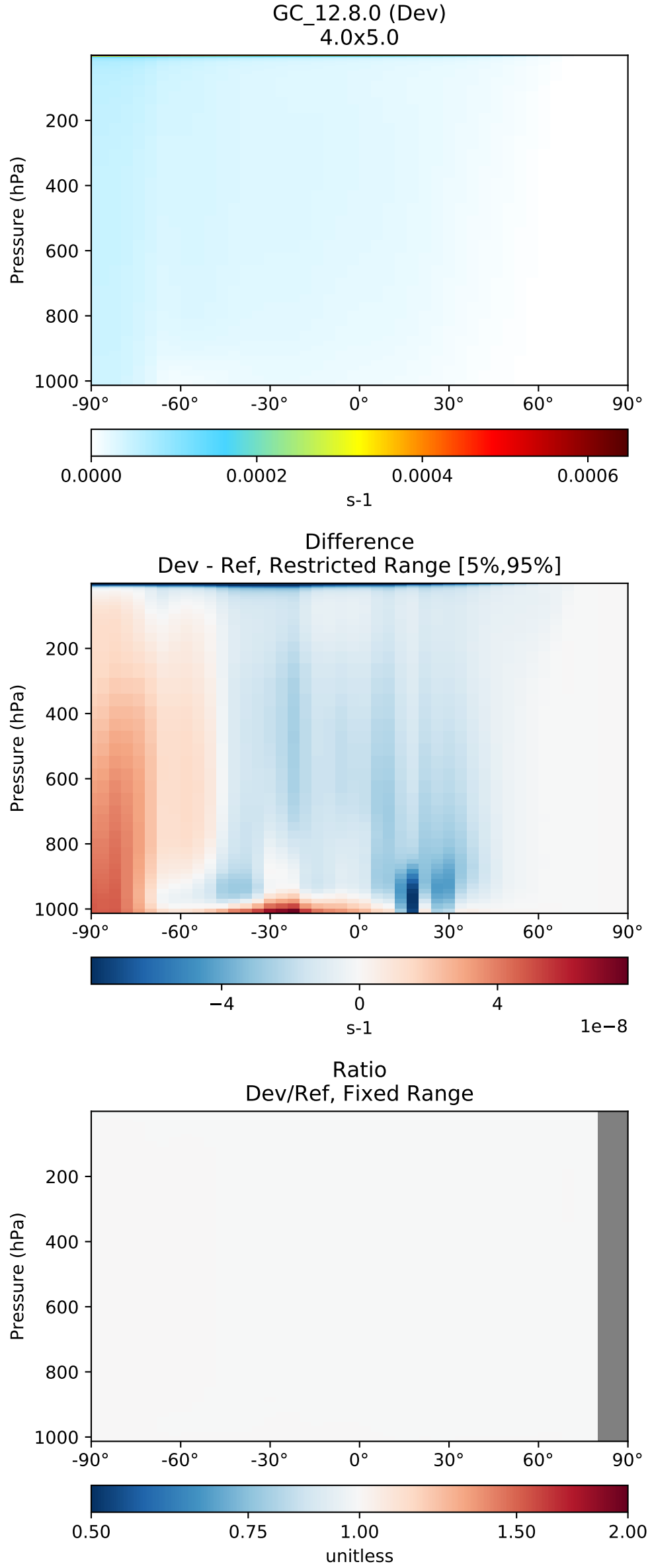
Jval_ClNO2, Zonal Mean (Jan2016)



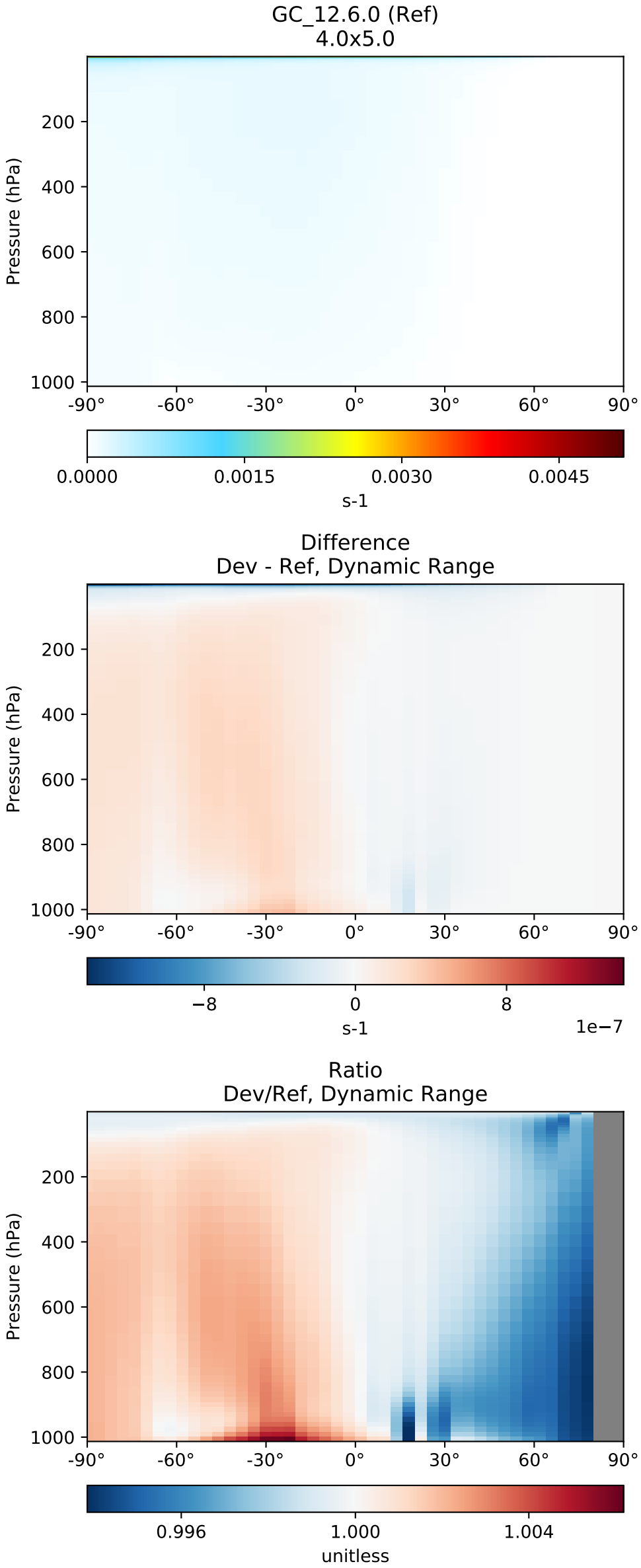


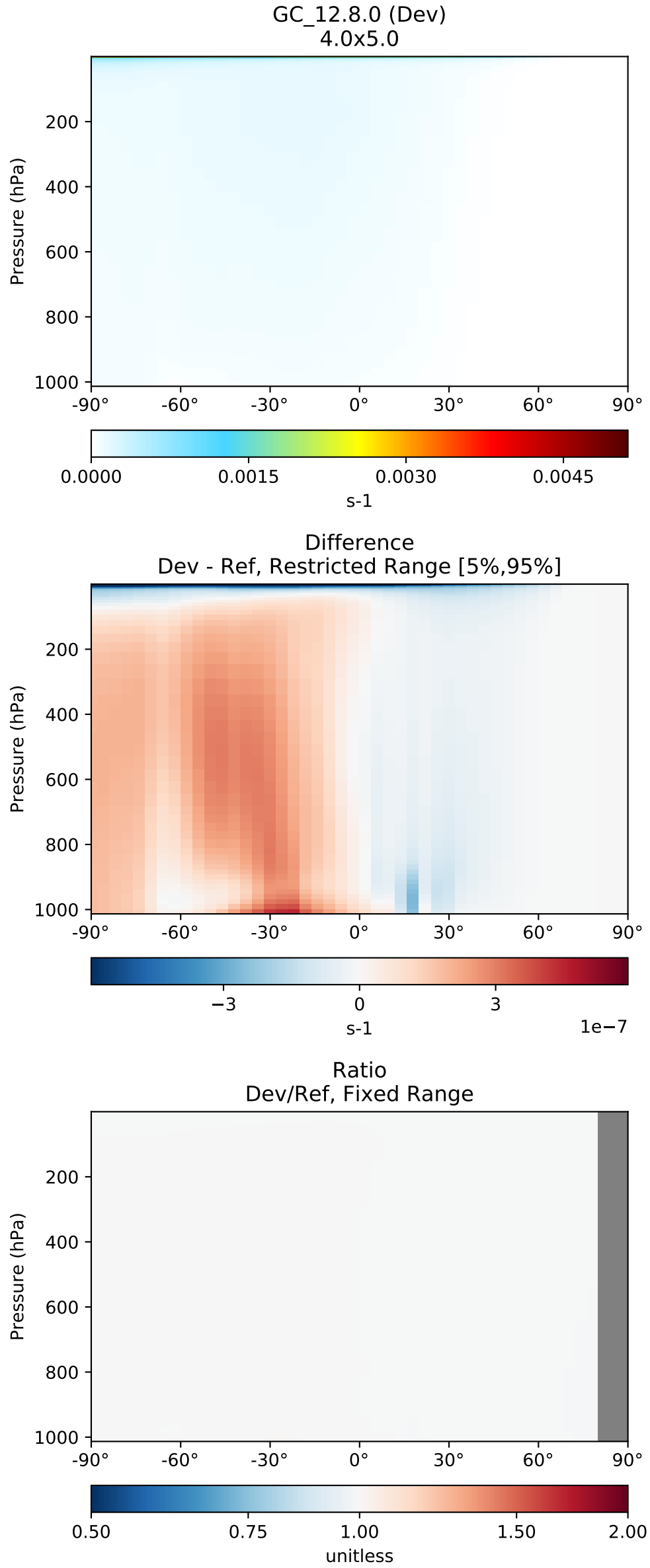
Jval_ClNO3, Zonal Mean (Jan2016)



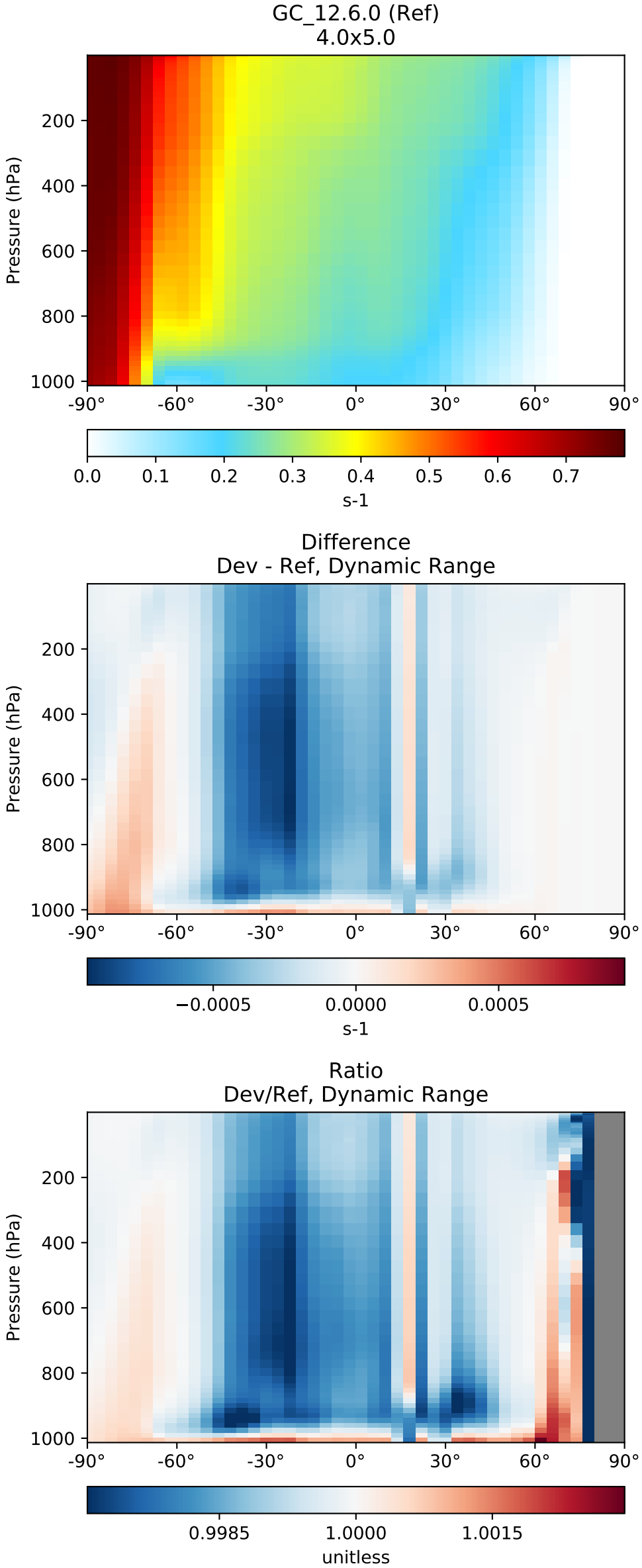


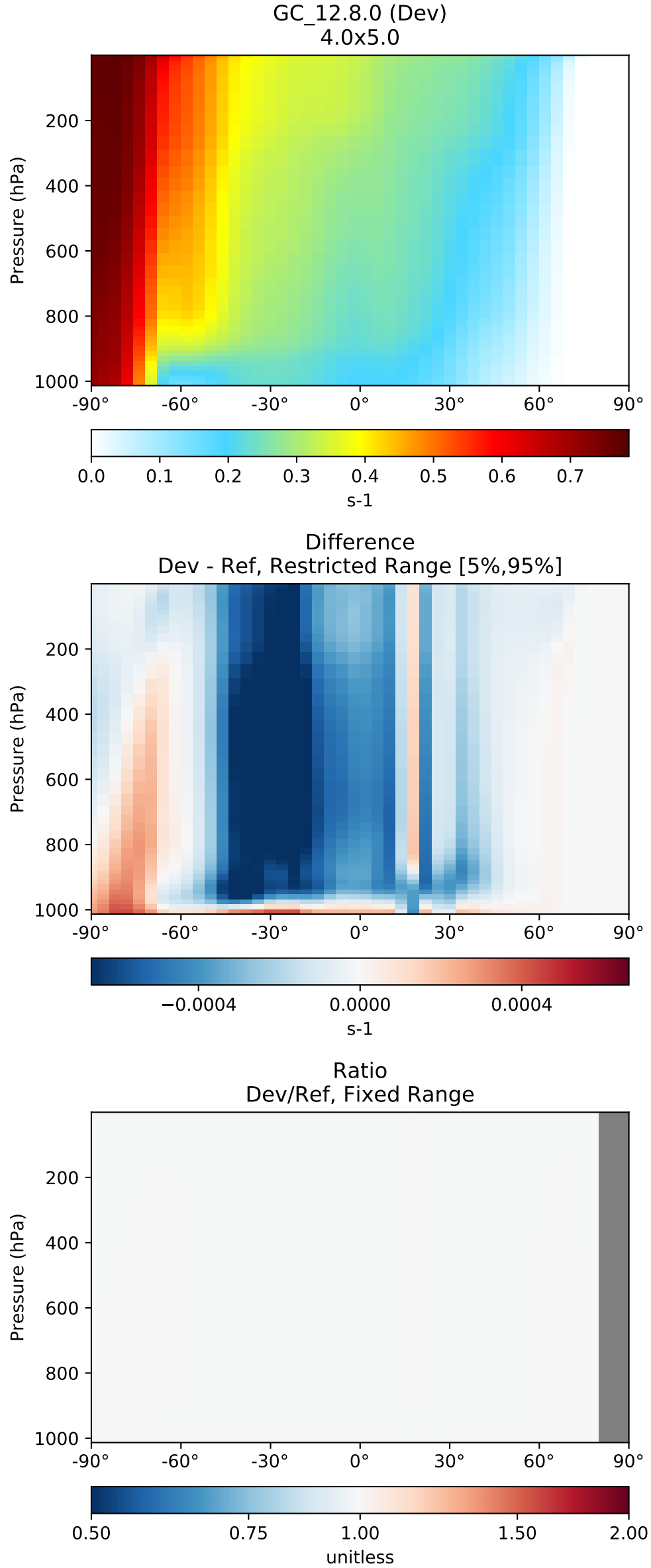
Jval_ClO, Zonal Mean (Jan2016)



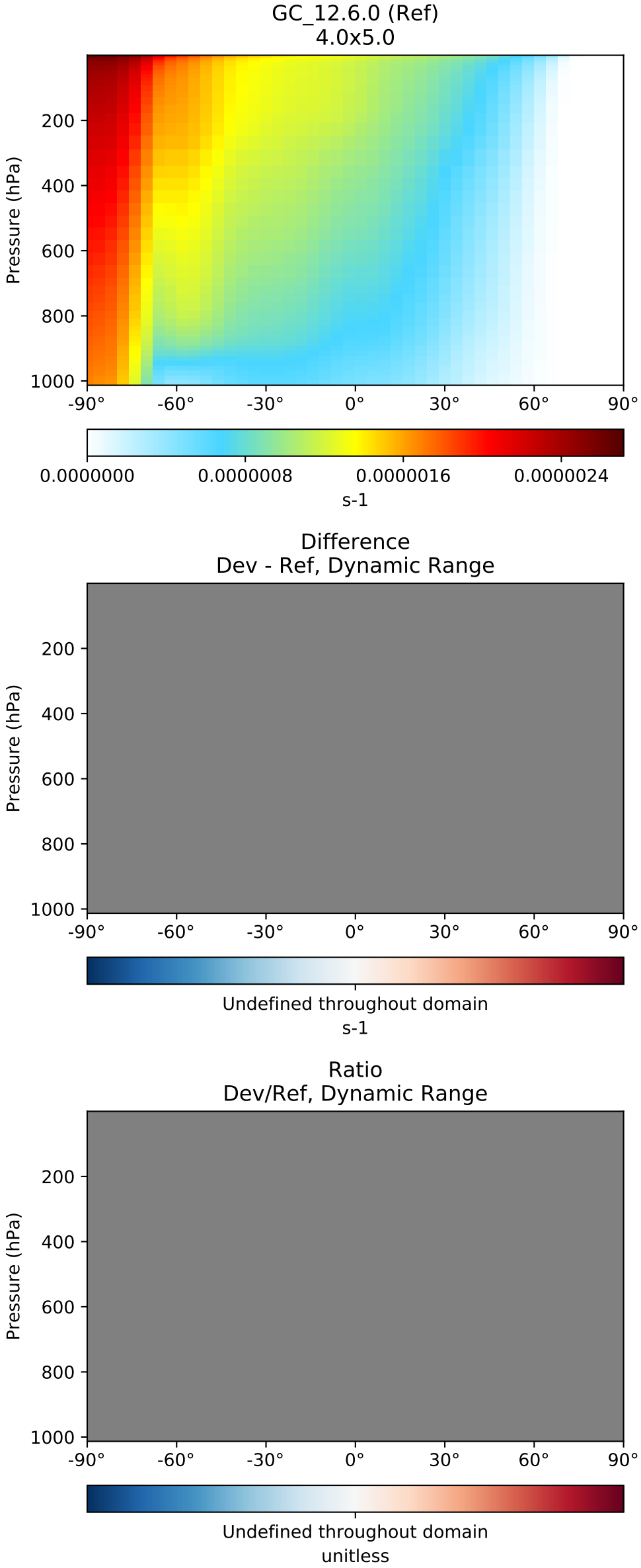


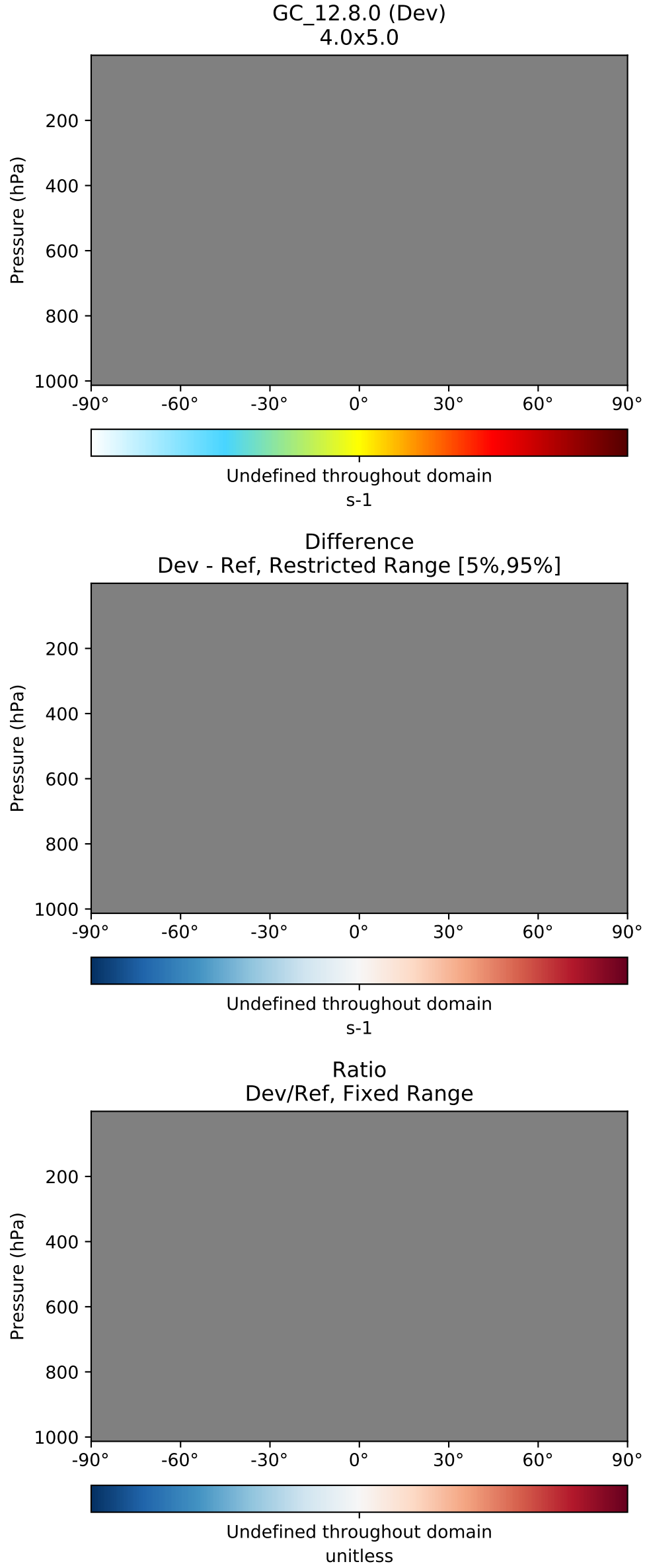
Jval_ClOO, Zonal Mean (Jan2016)



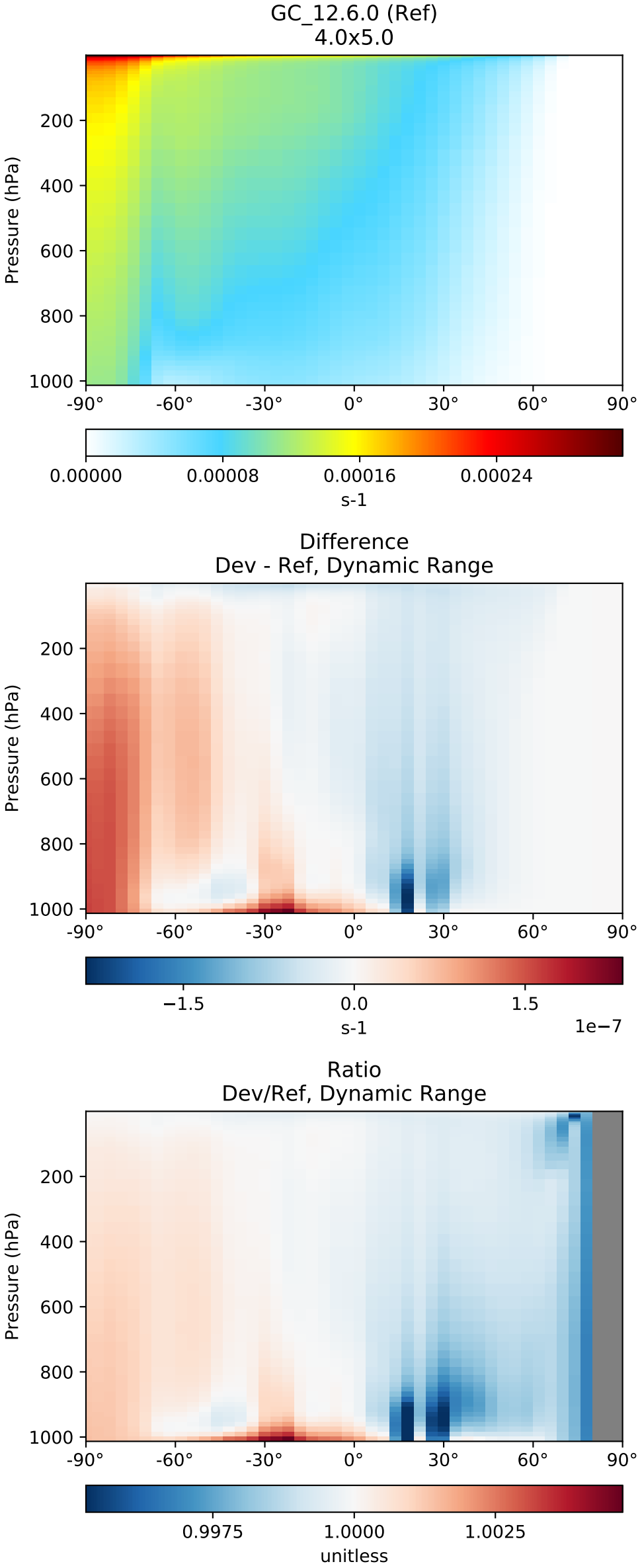


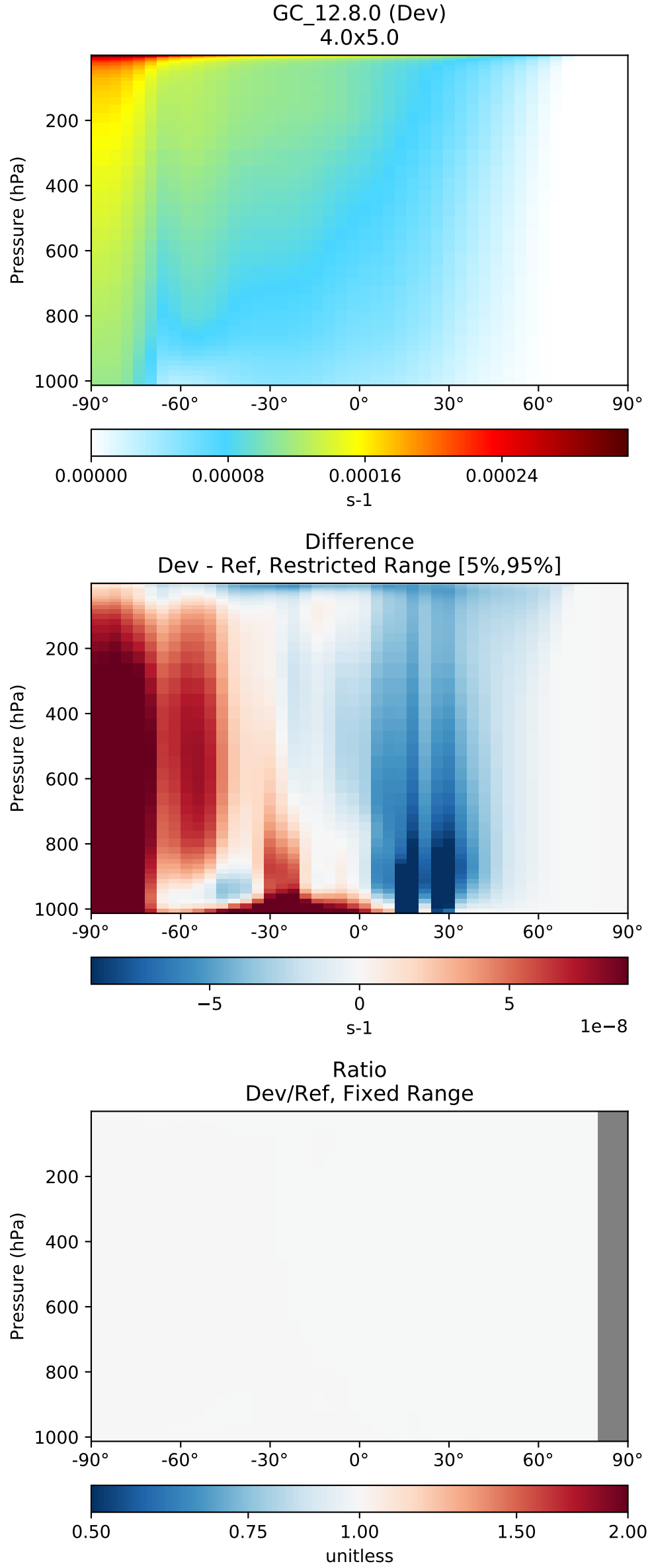
Jval_DHDC, Zonal Mean (Jan2016)



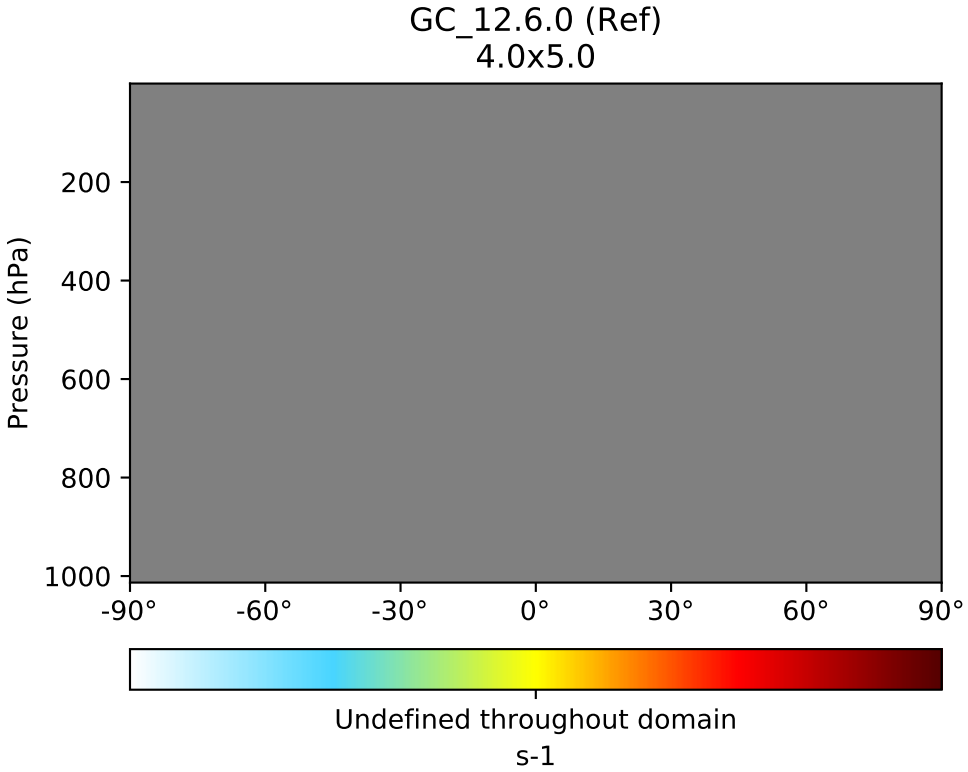


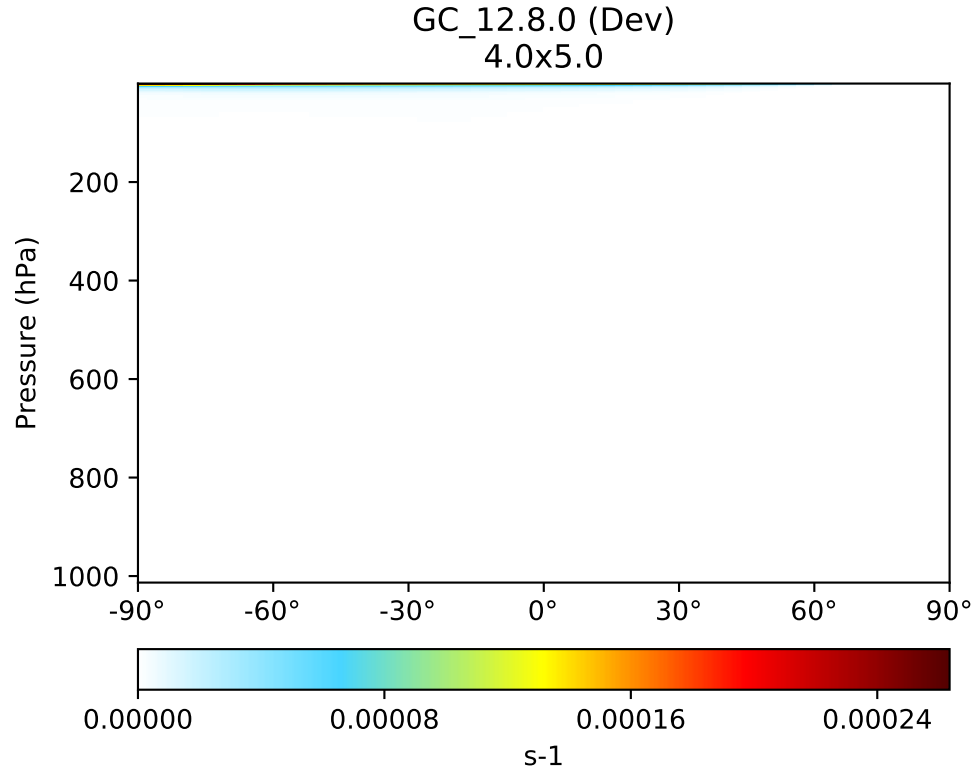
Jval_ETHLN, Zonal Mean (Jan2016)

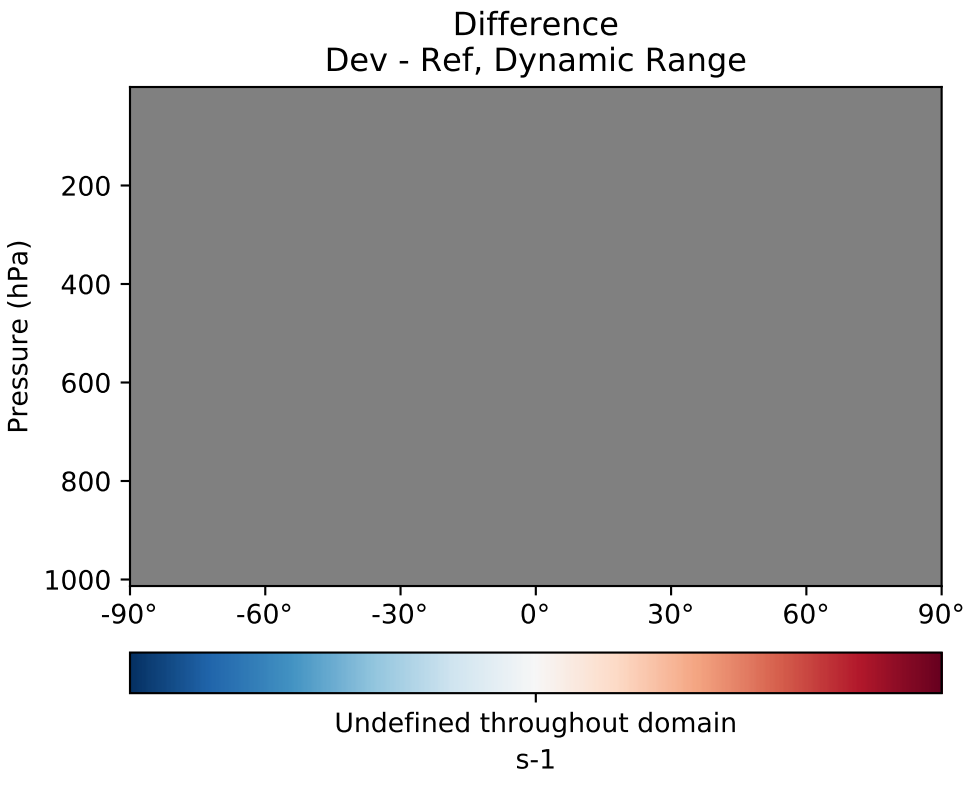


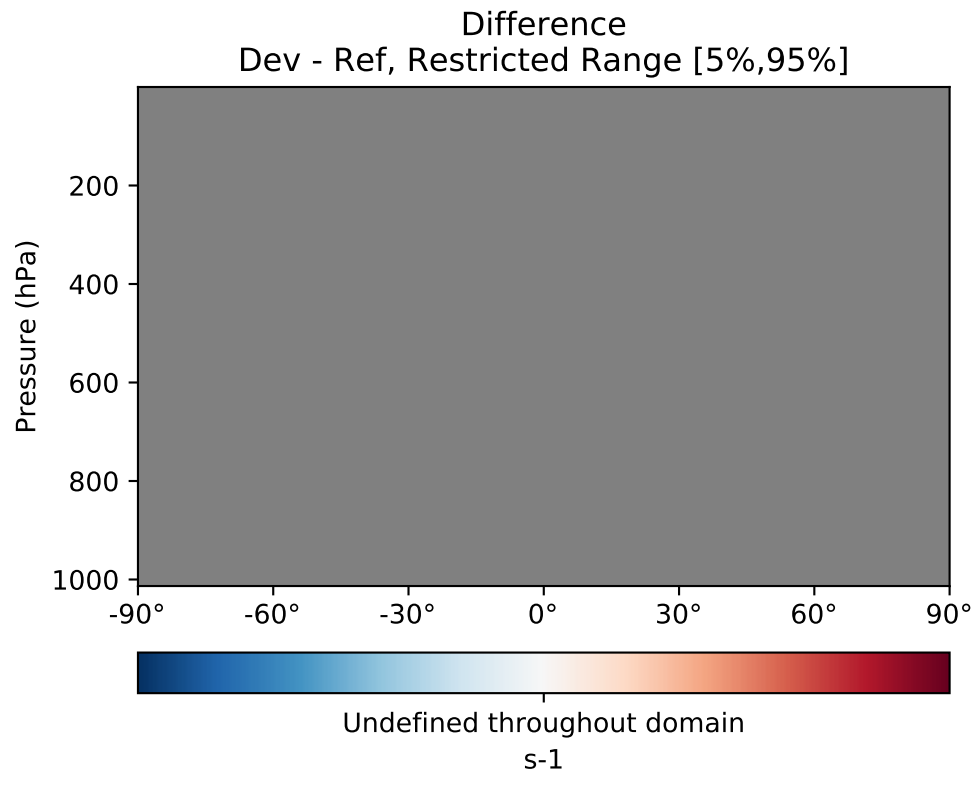


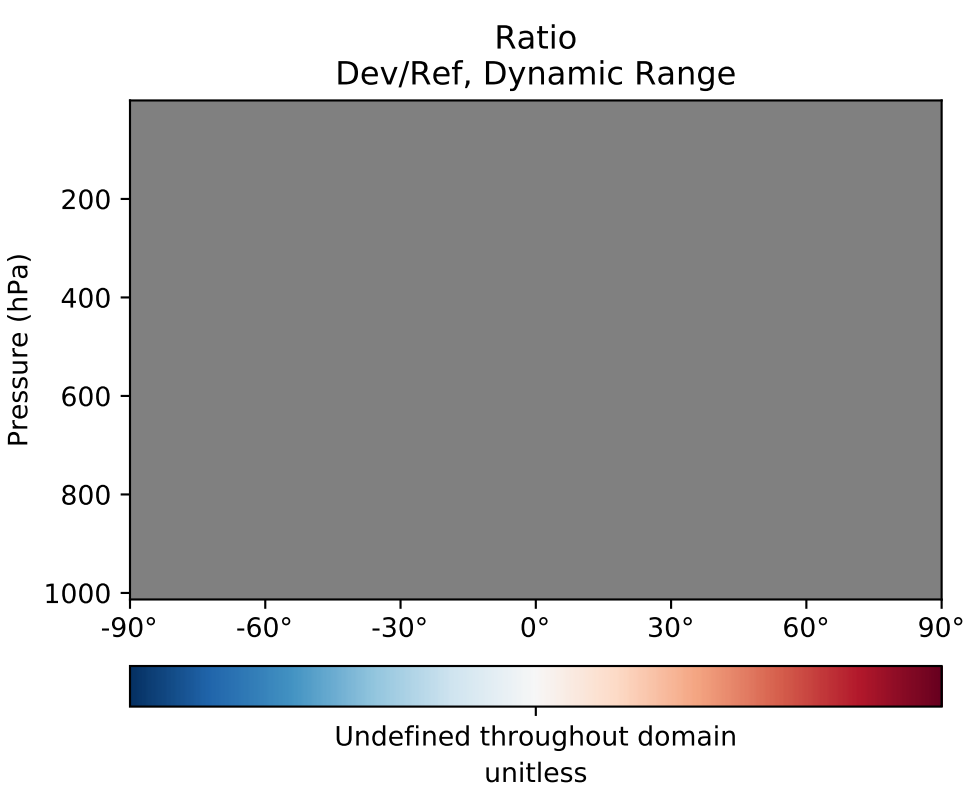
Jval_ETNO3, Zonal Mean (Jan2016)

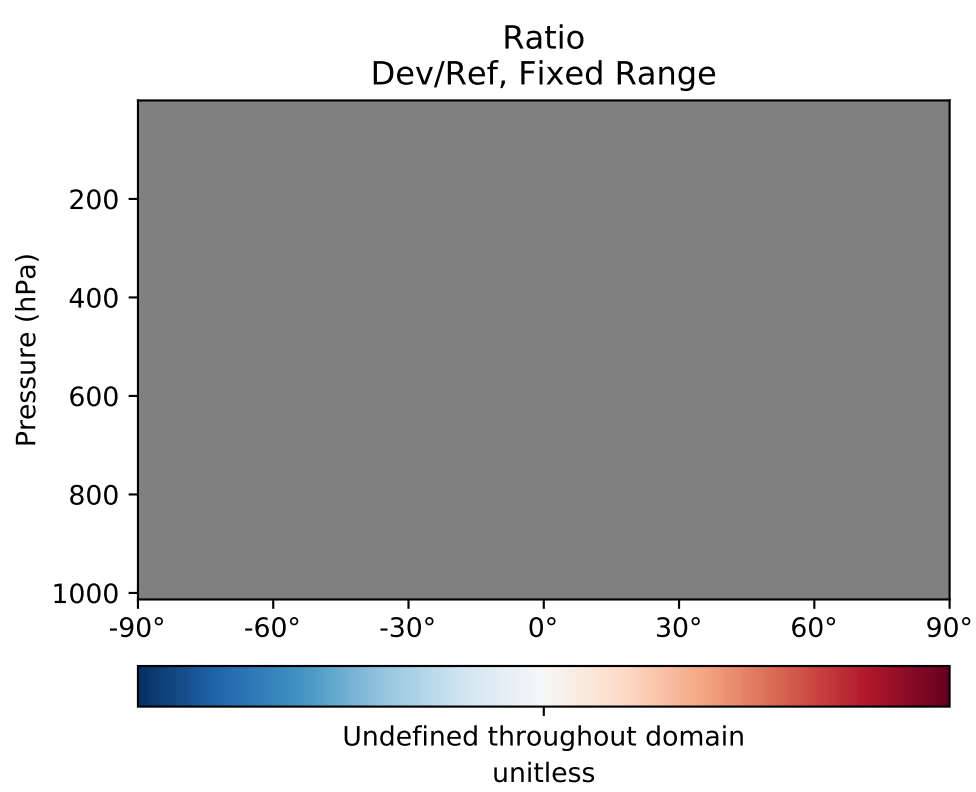




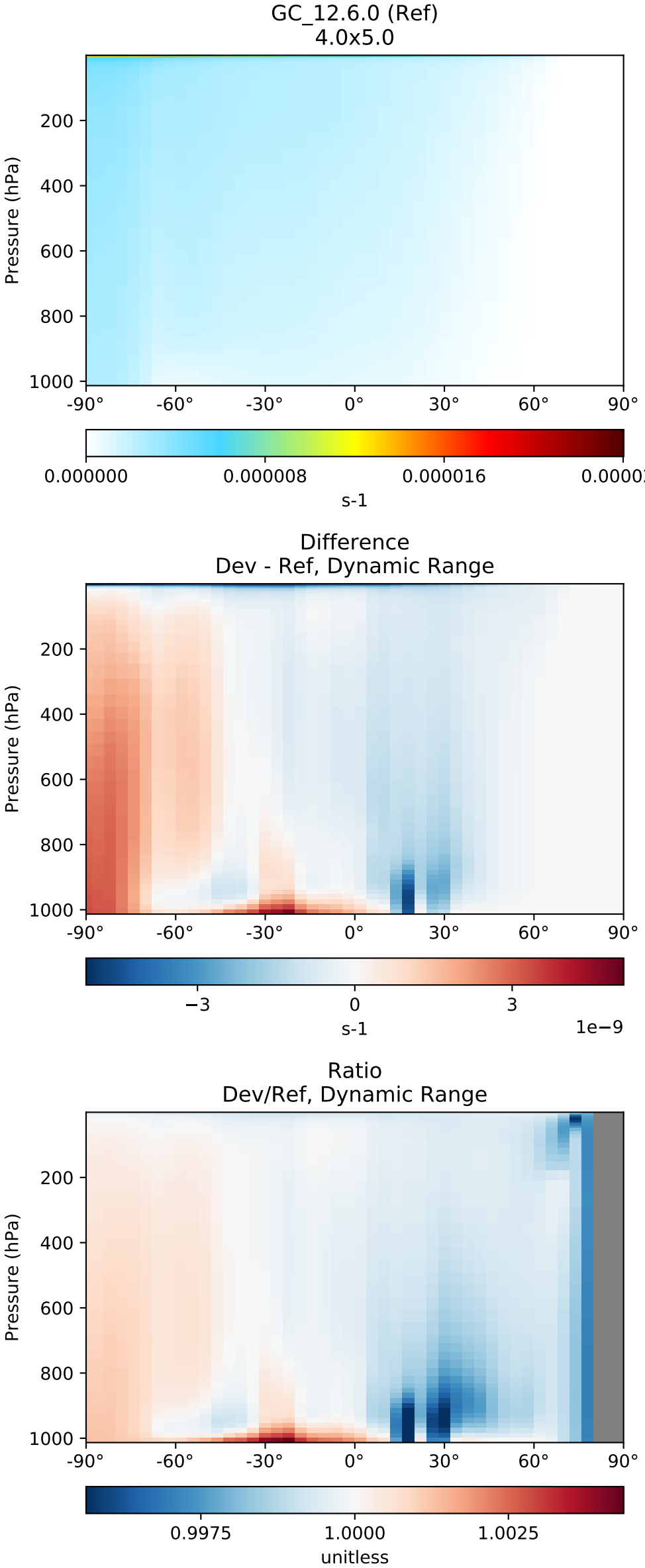


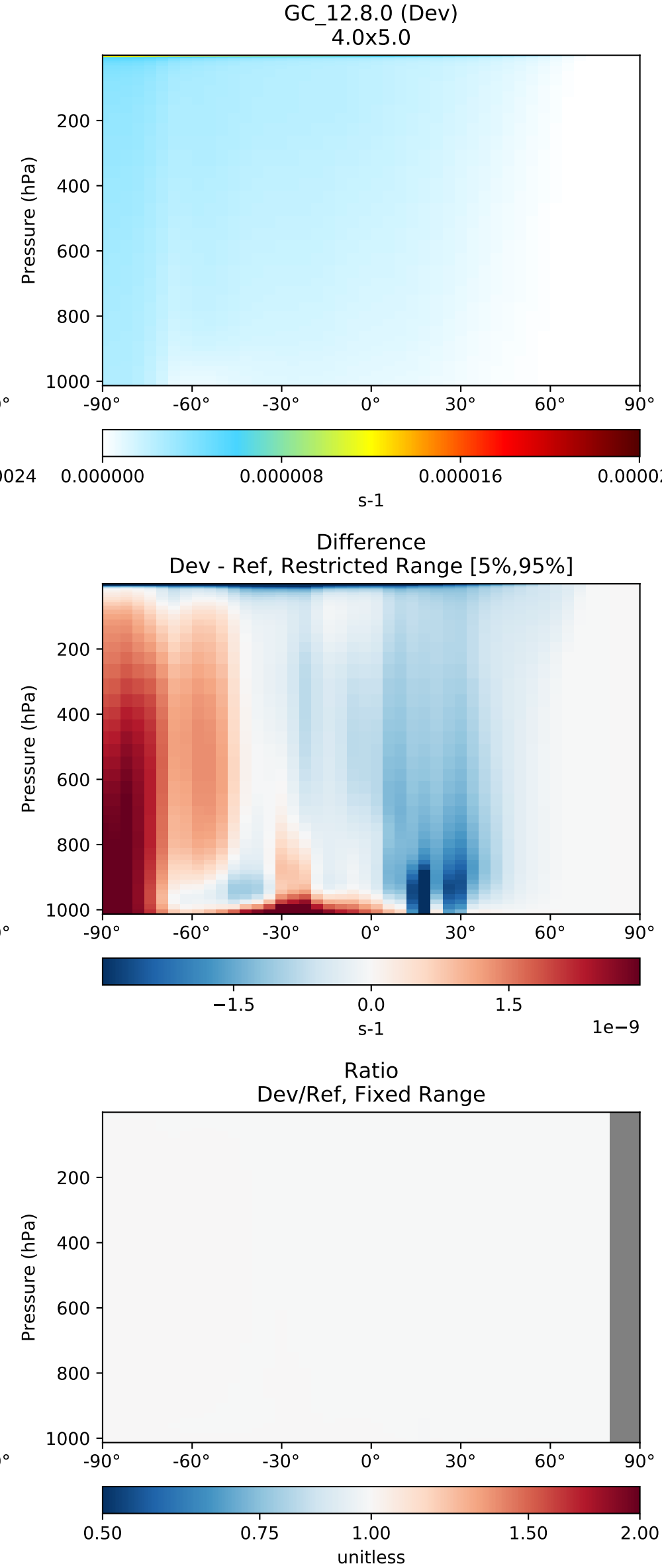




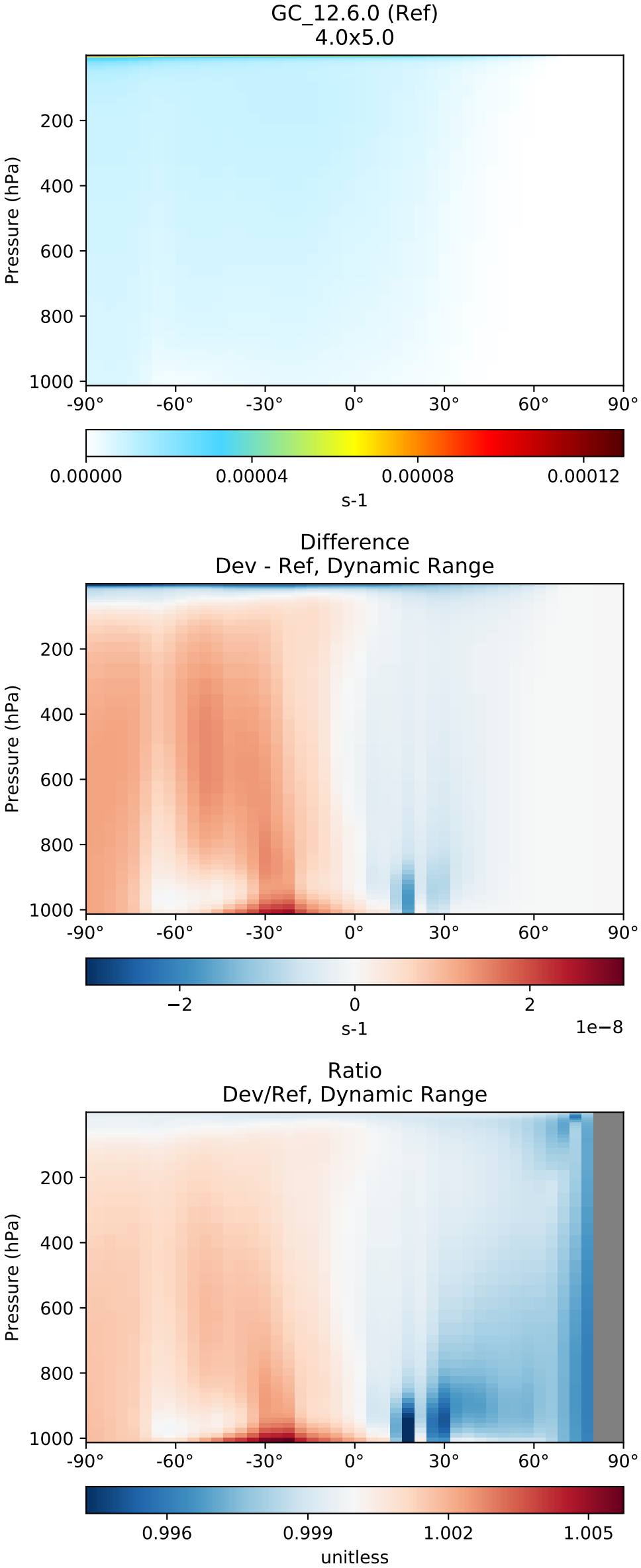


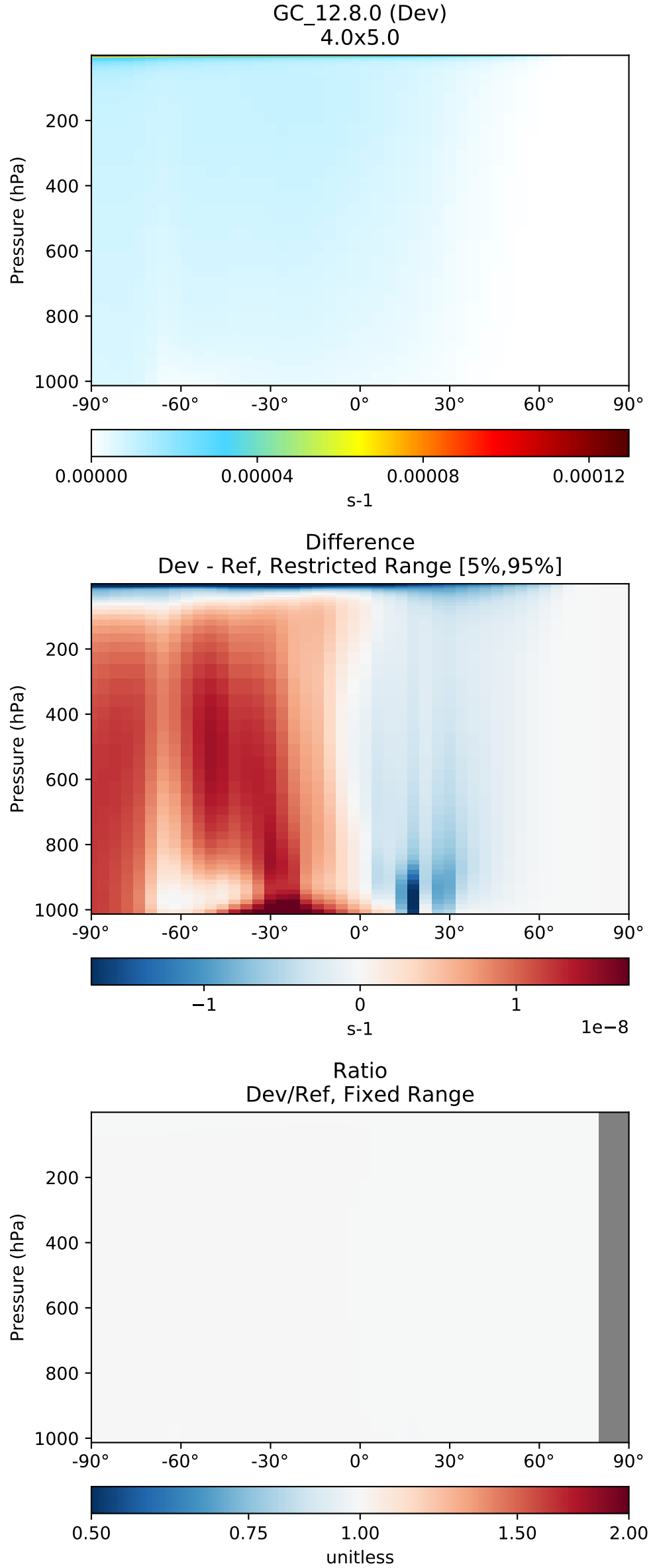
Jval_ETP, Zonal Mean (Jan2016)



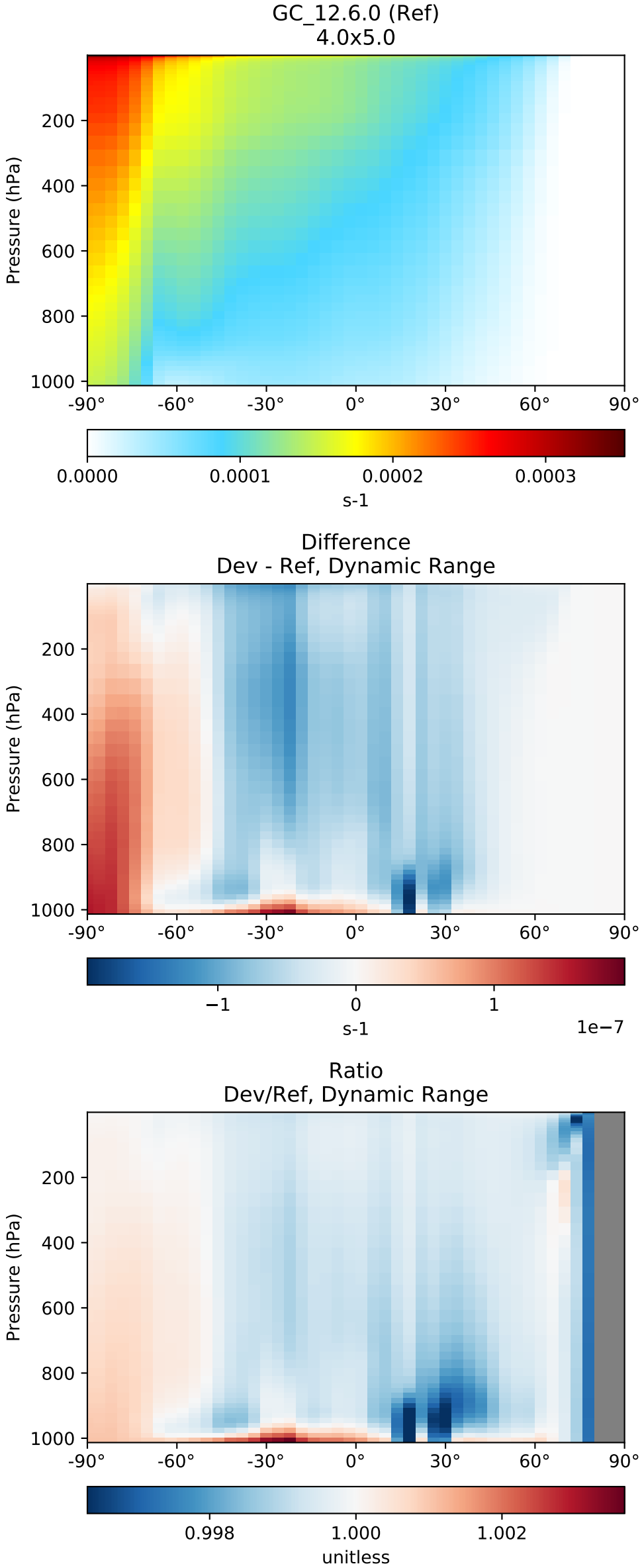


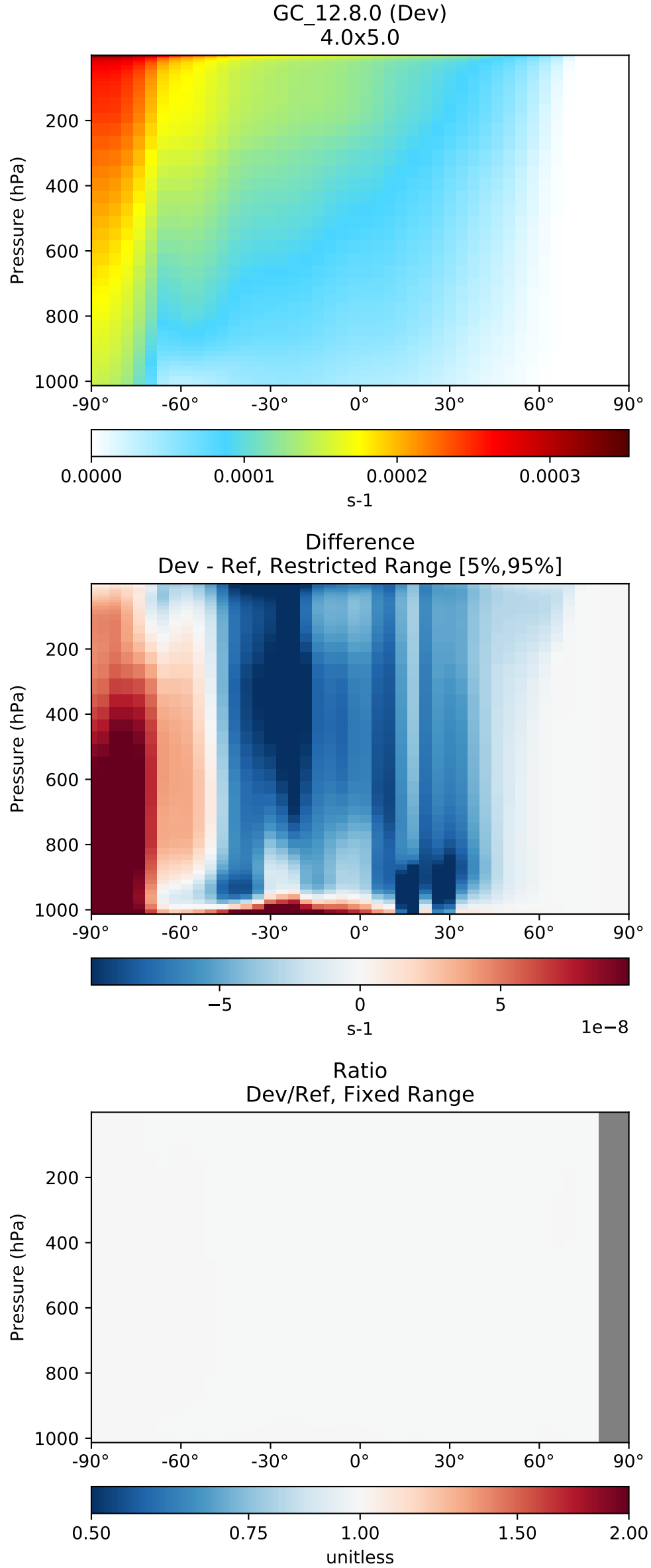
Jval_GLYC, Zonal Mean (Jan2016)



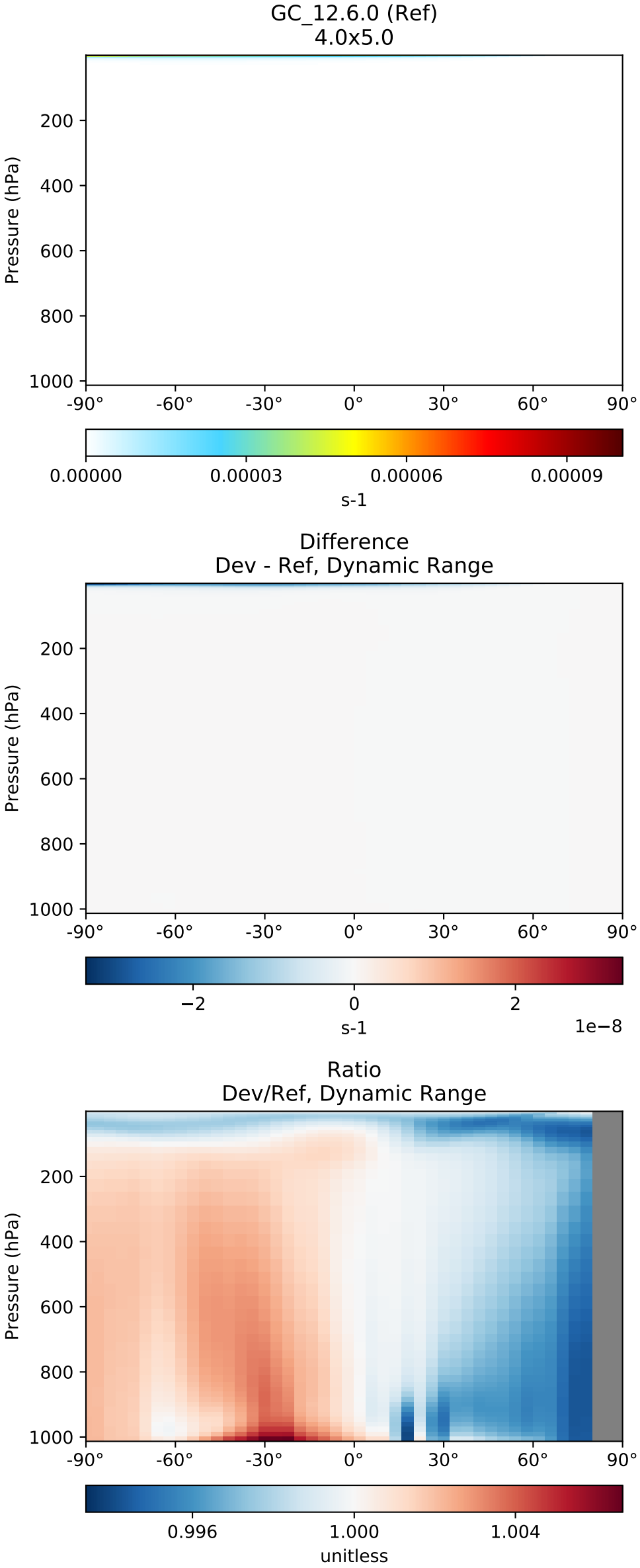


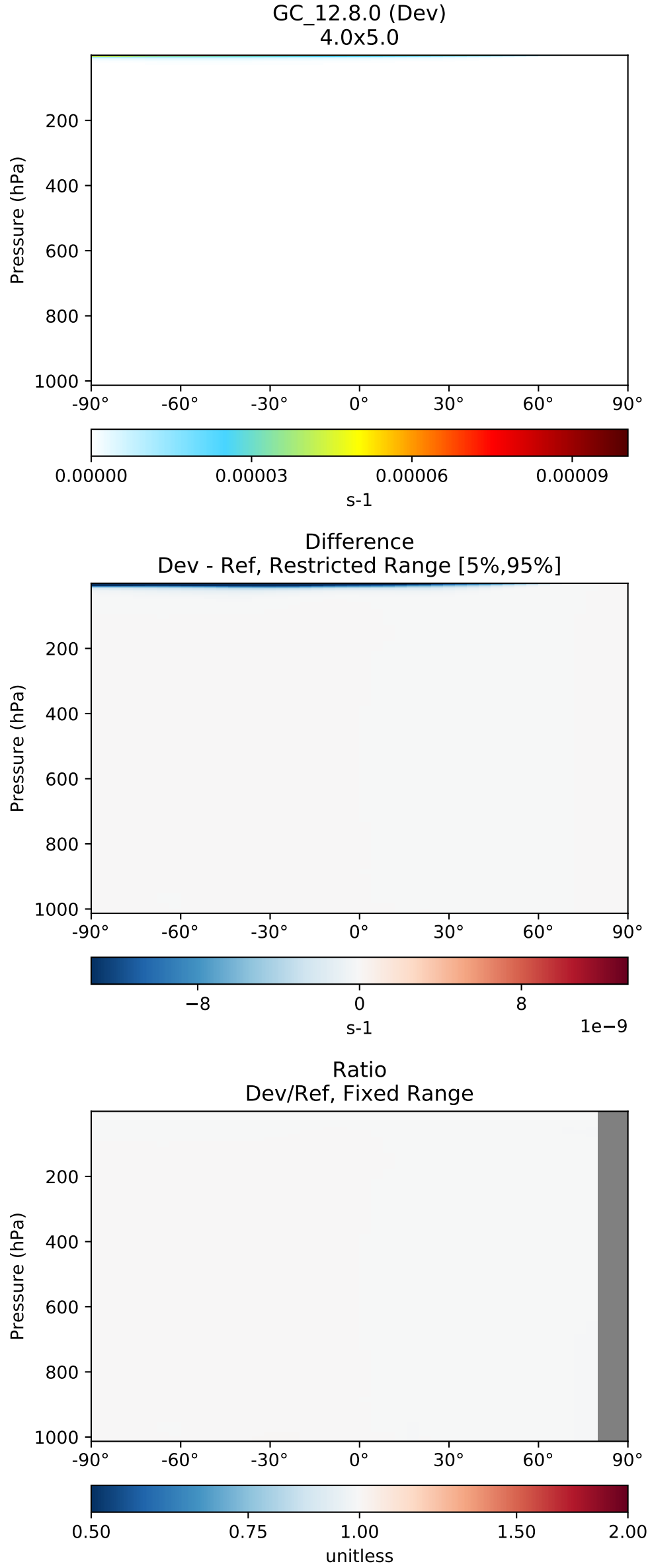
Jval_GLYX, Zonal Mean (Jan2016)



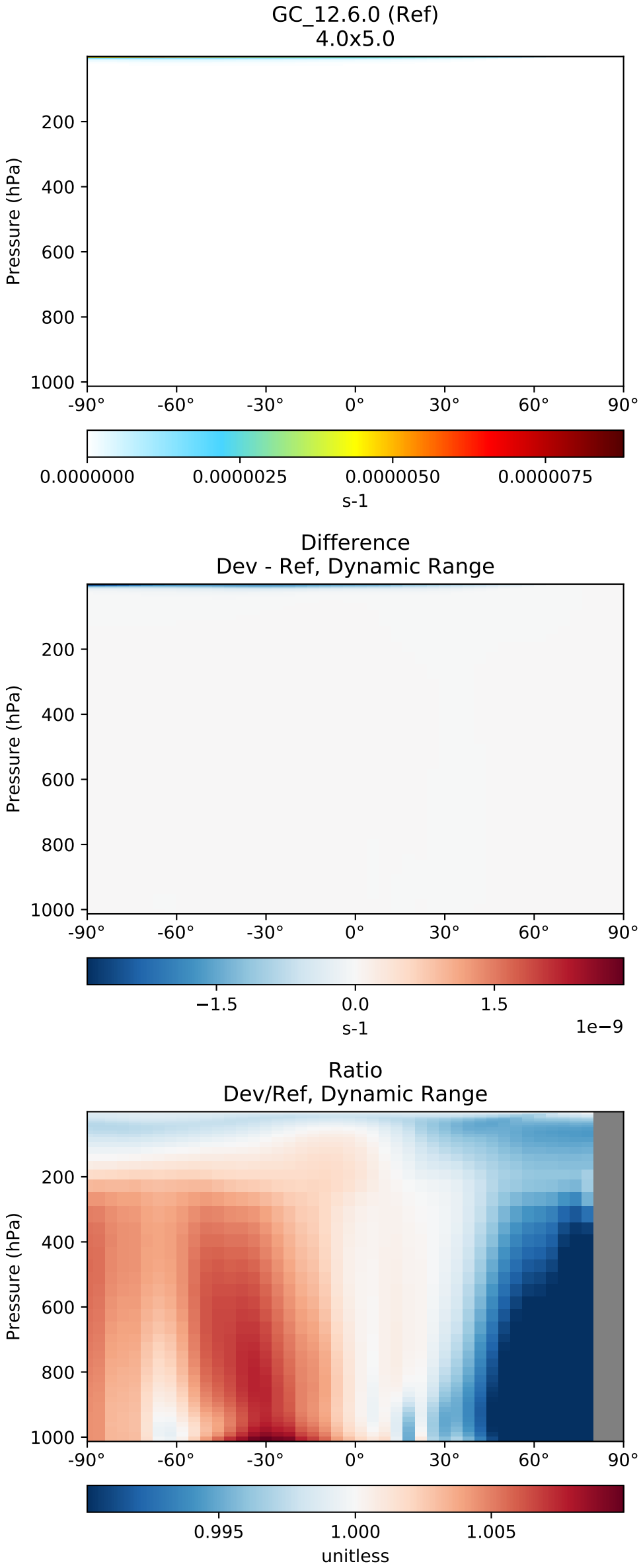


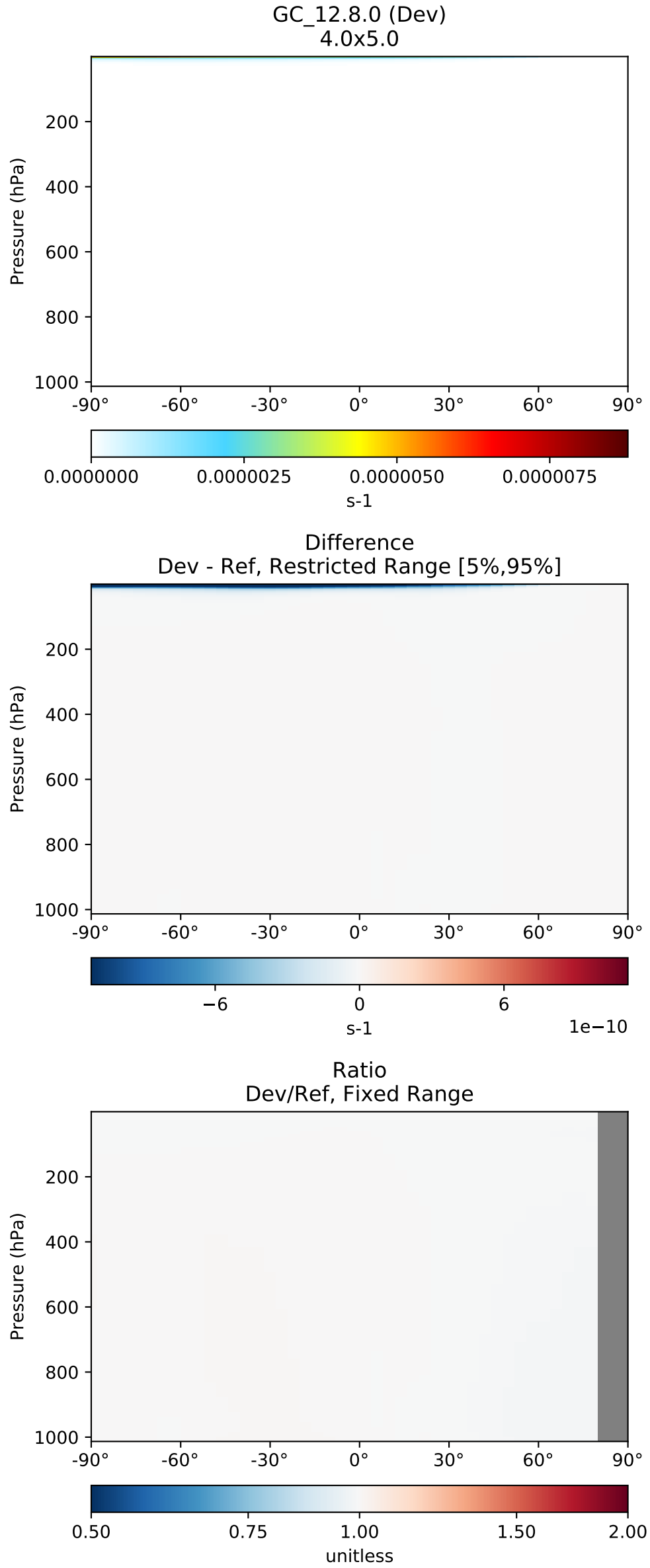
Jval_H1211, Zonal Mean (Jan2016)



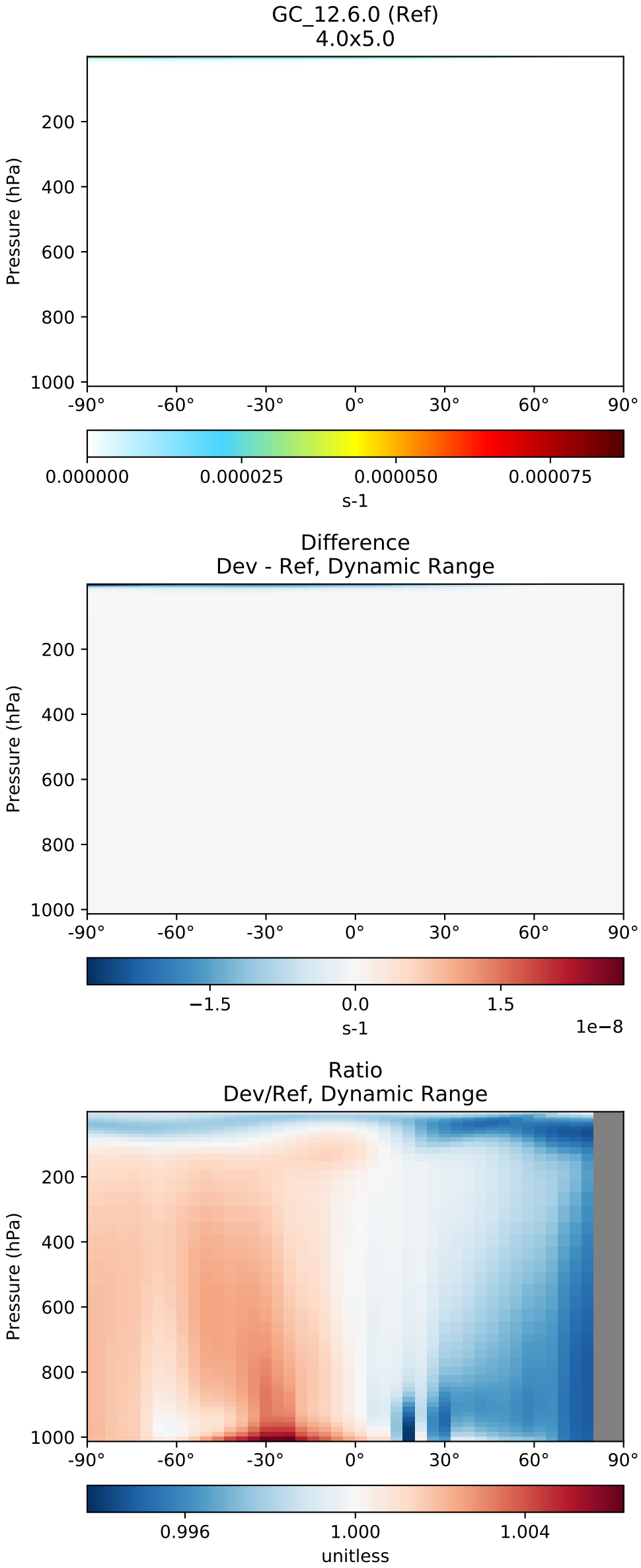


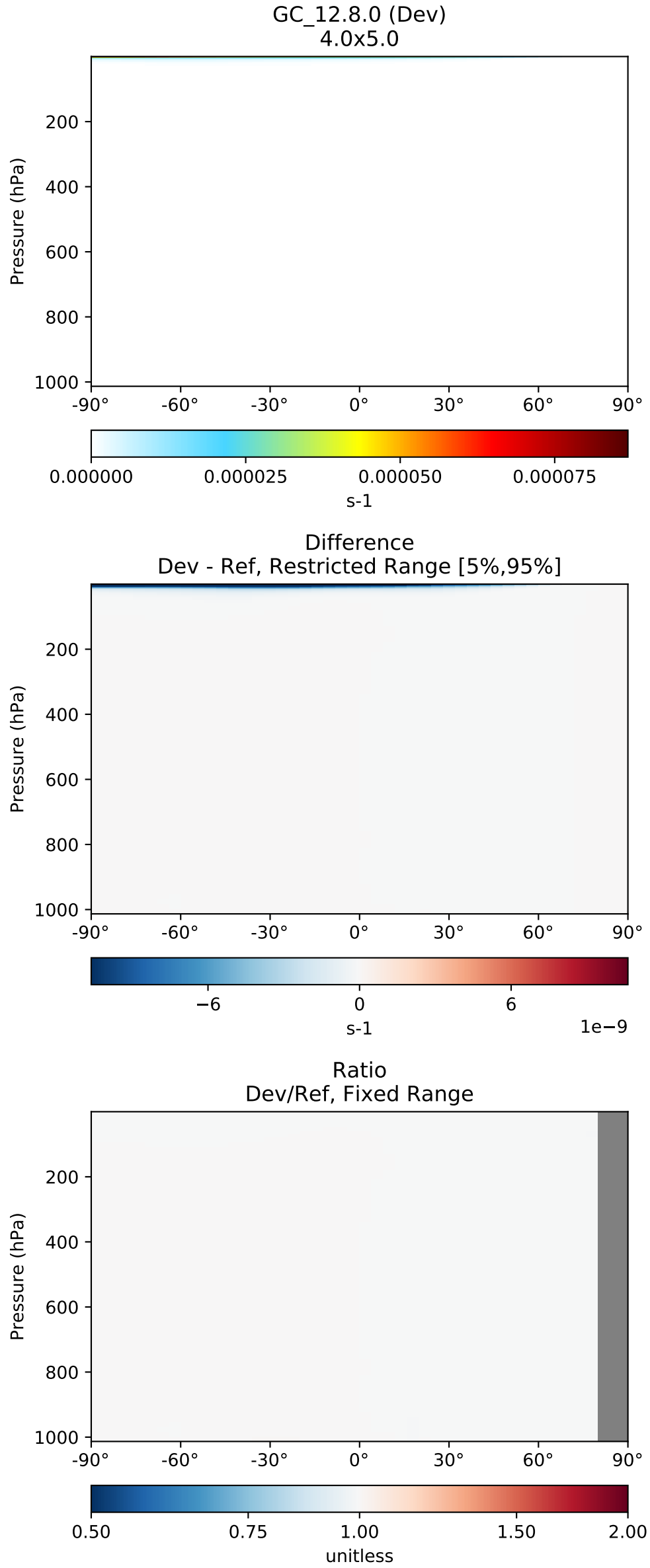
Jval_H1301, Zonal Mean (Jan2016)



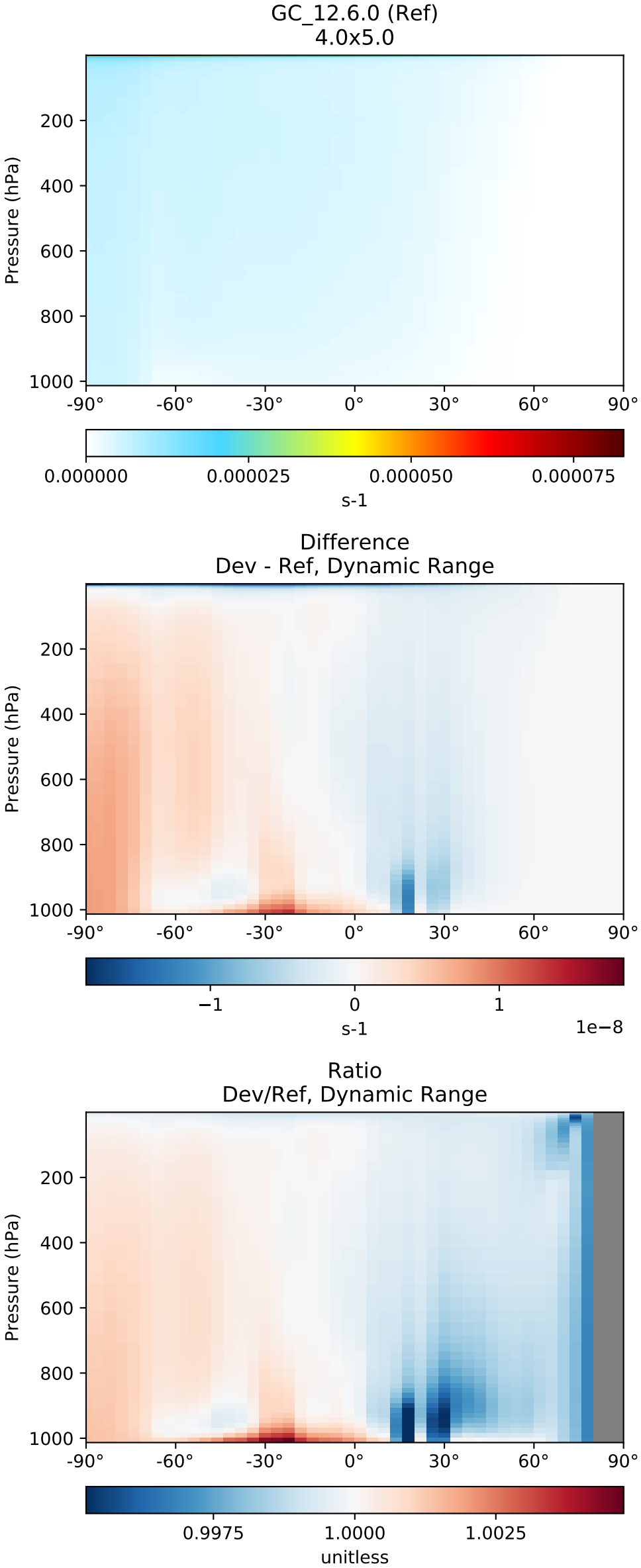


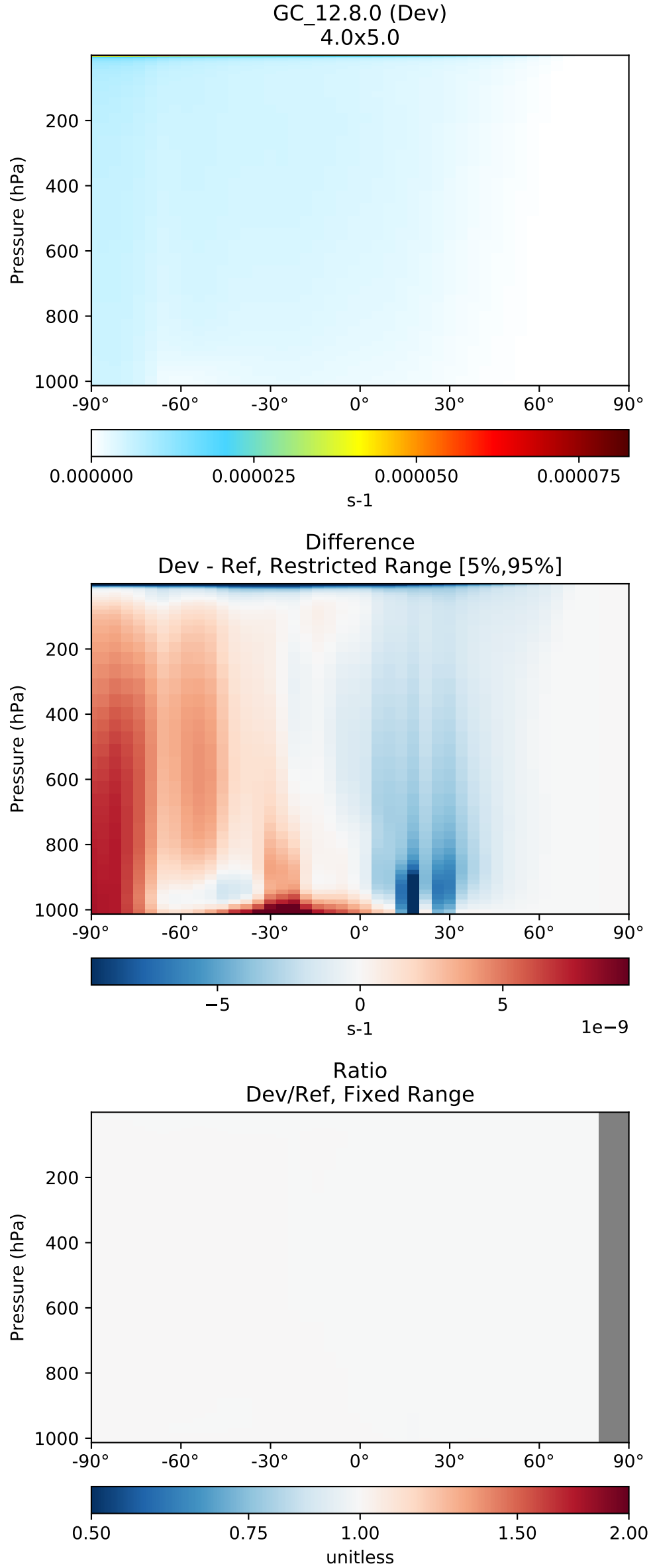
Jval_H2402, Zonal Mean (Jan2016)



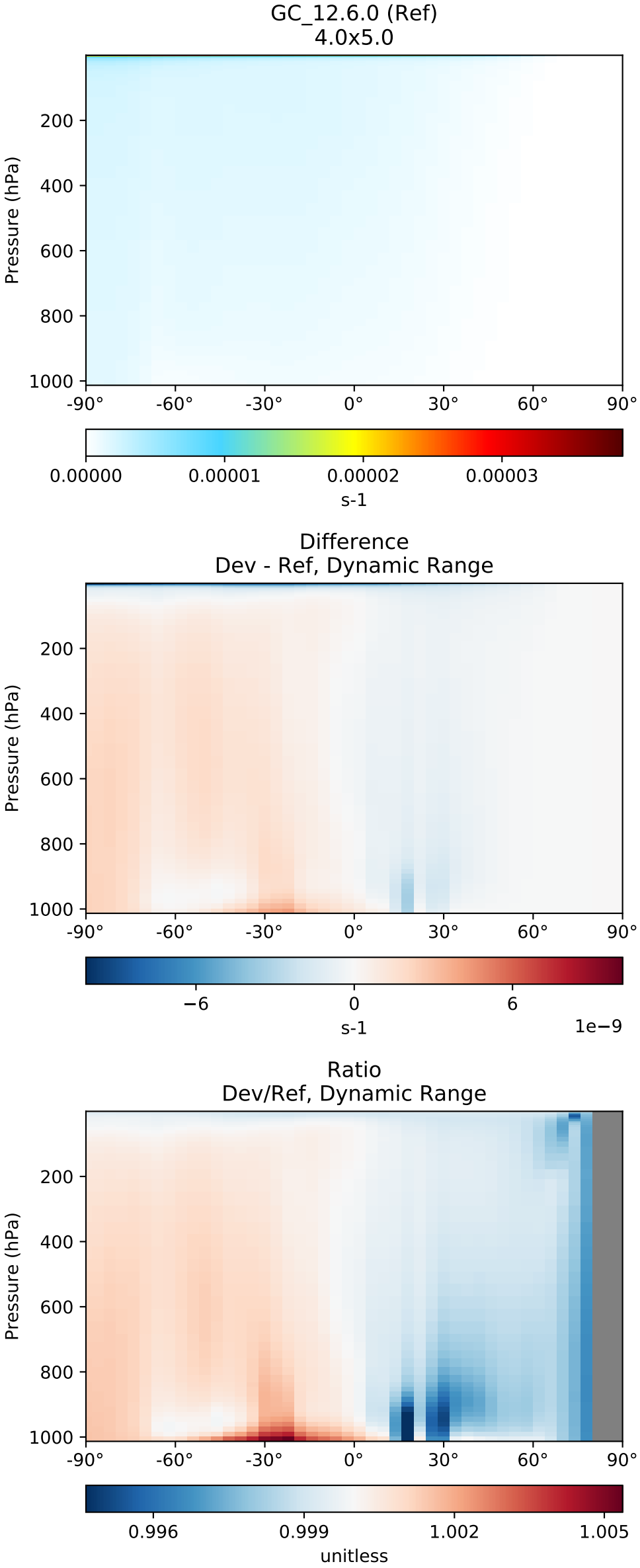


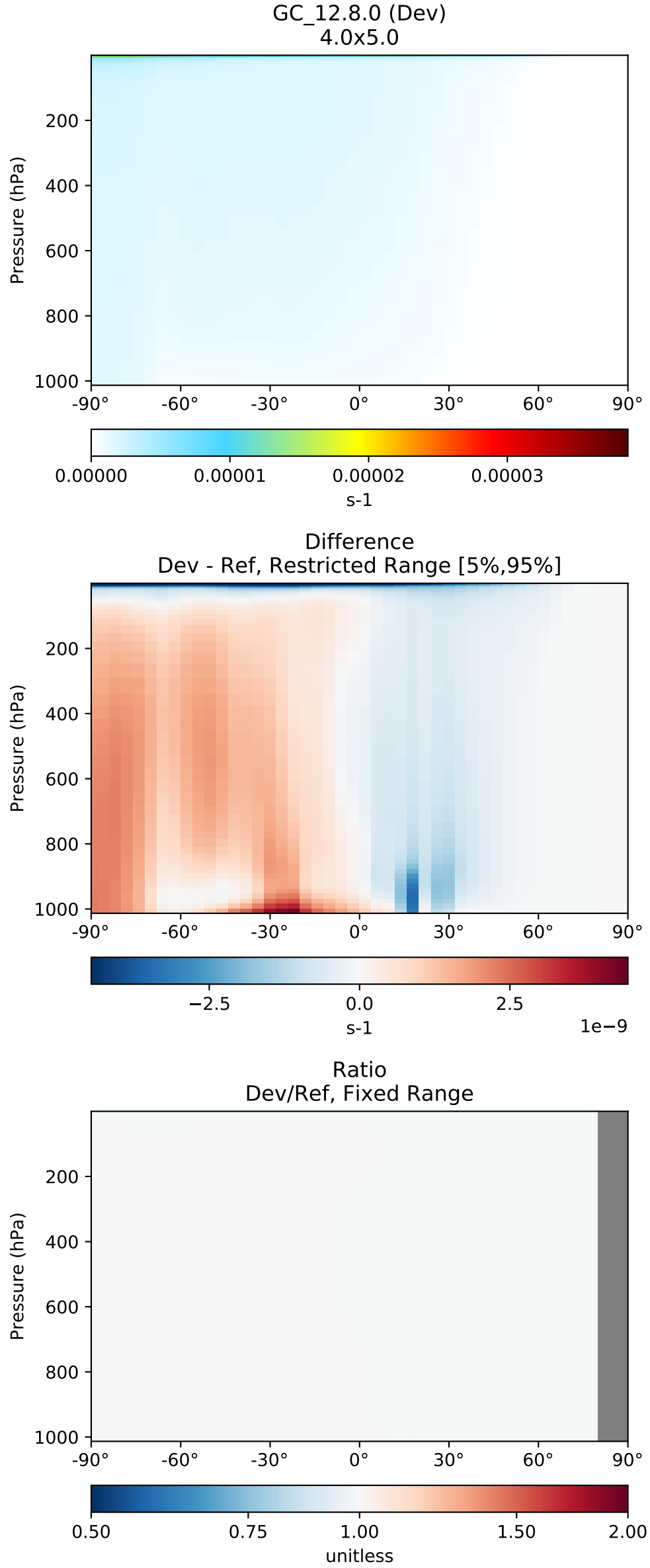
Jval_H2O2, Zonal Mean (Jan2016)





Jval_HAC, Zonal Mean (Jan2016)



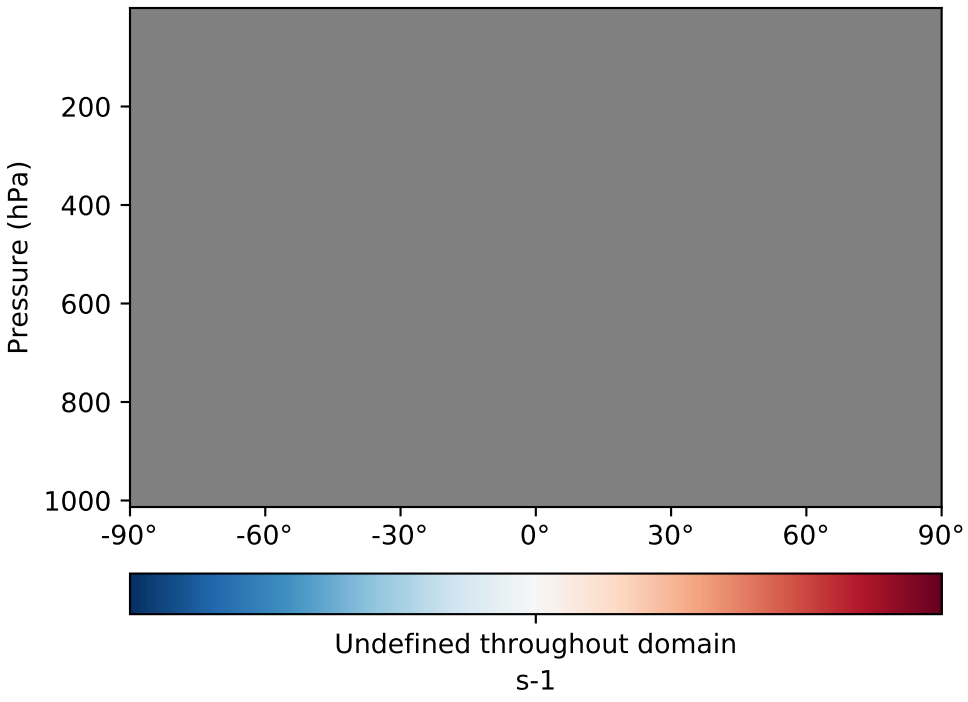


Jval_HC5A, Zonal Mean (Jan2016)

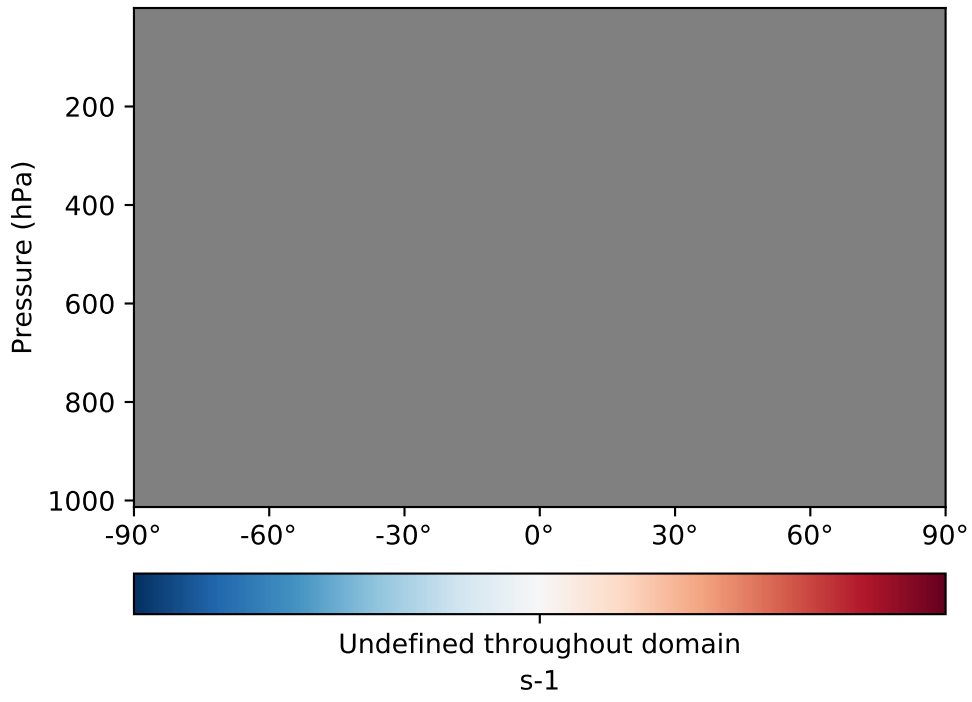
GC_12.6.0 (Ref)
4.0x5.0

GC_12.8.0 (Dev)
4.0x5.0

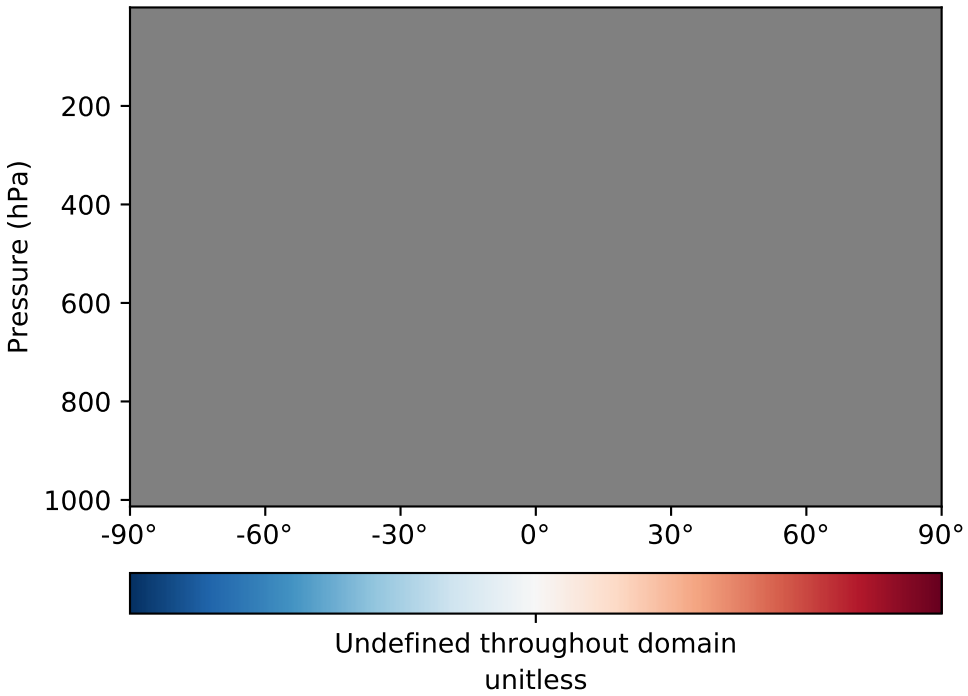
Difference
Dev - Ref, Dynamic Range



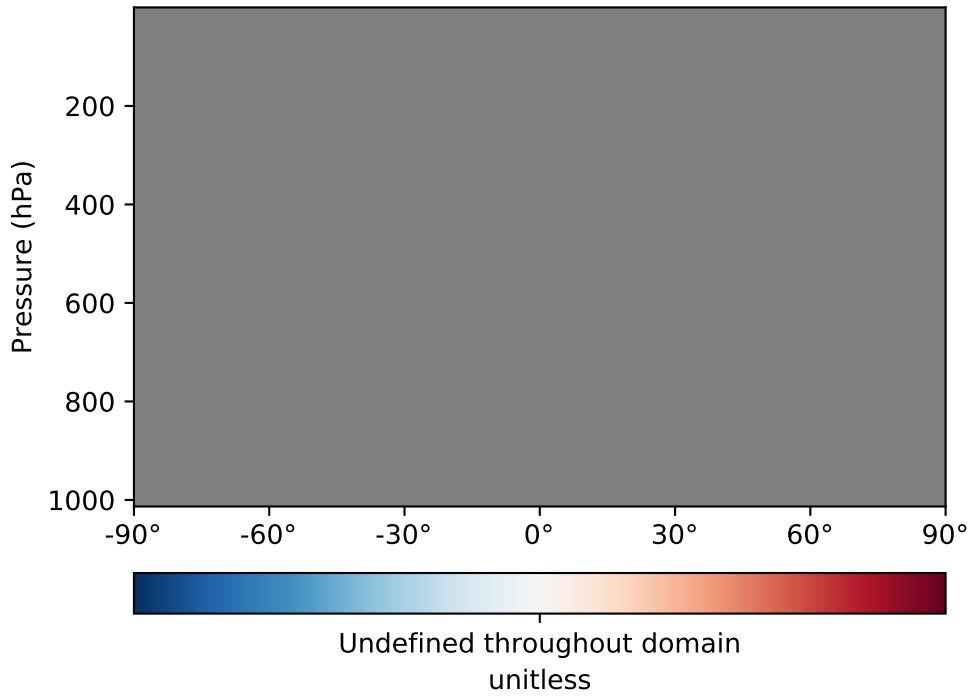
Difference
Dev - Ref, Restricted Range [5%,95%]



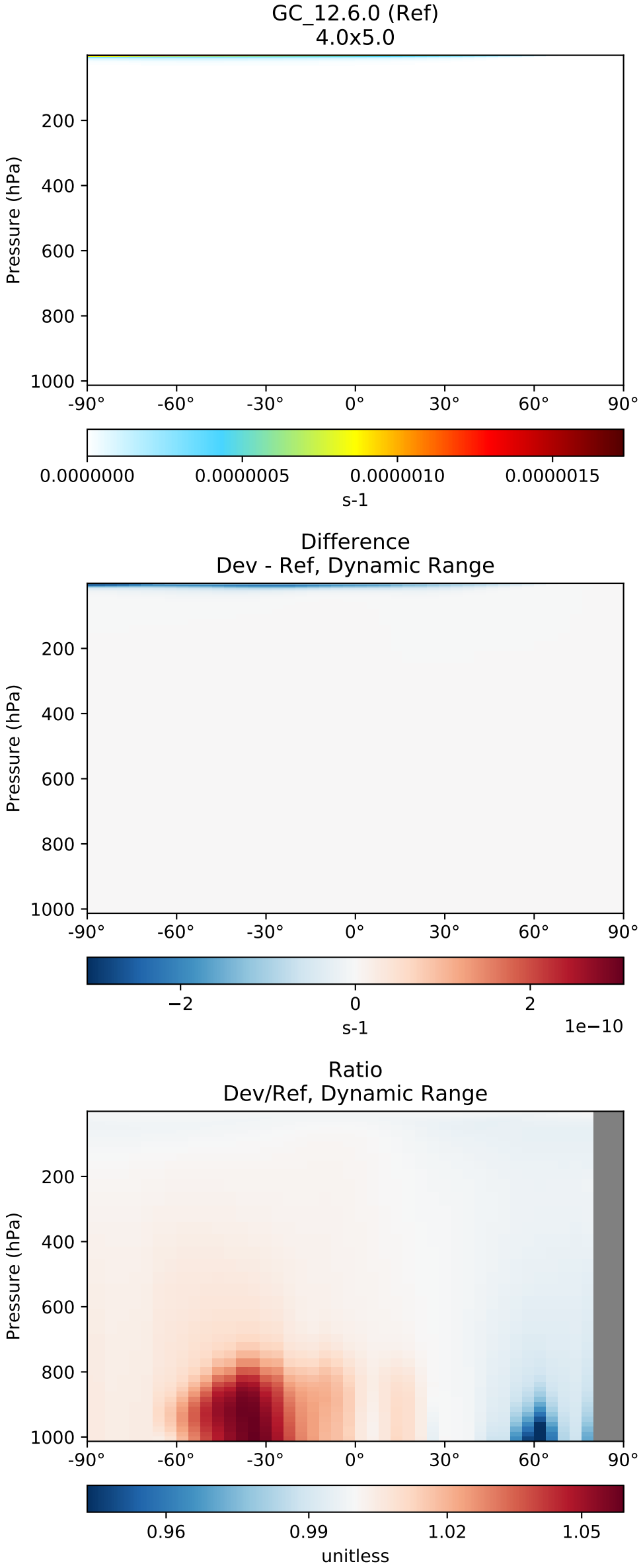
Ratio
Dev/Ref, Dynamic Range

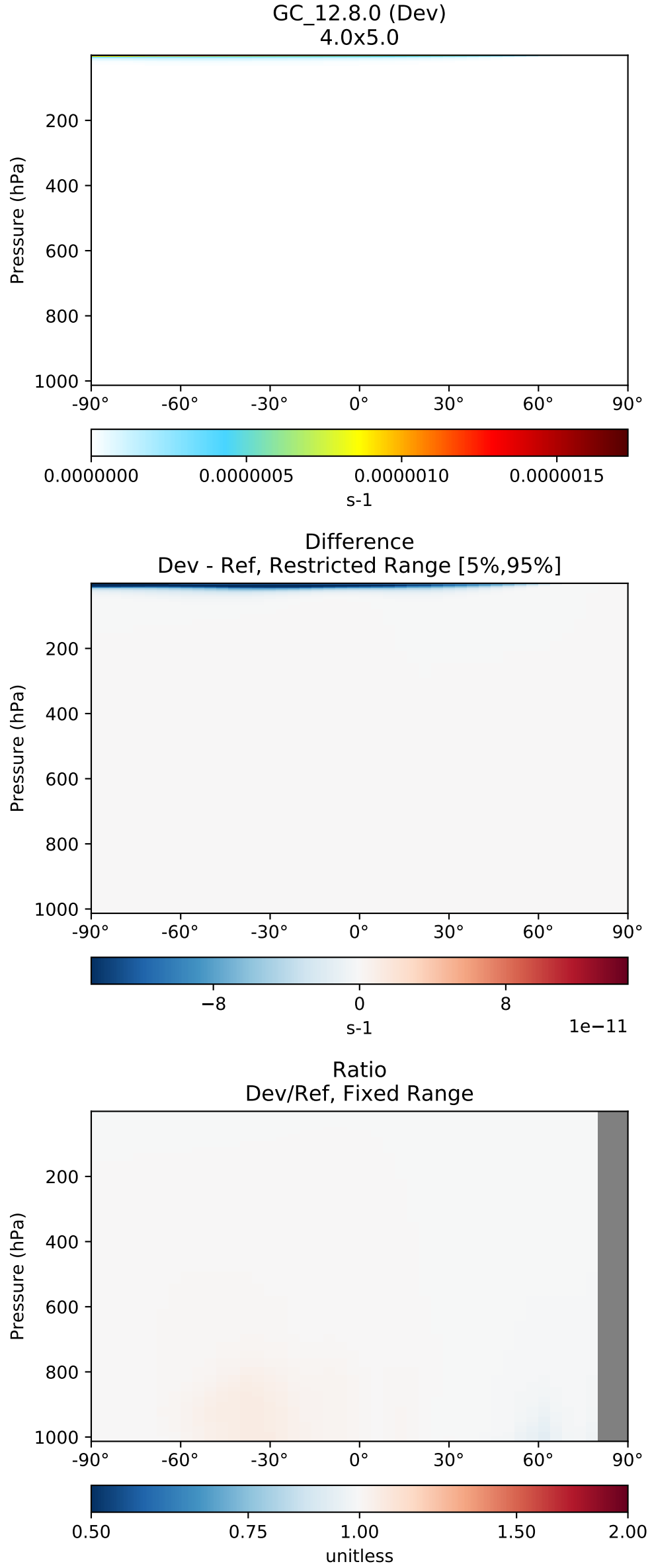


Ratio
Dev/Ref, Fixed Range

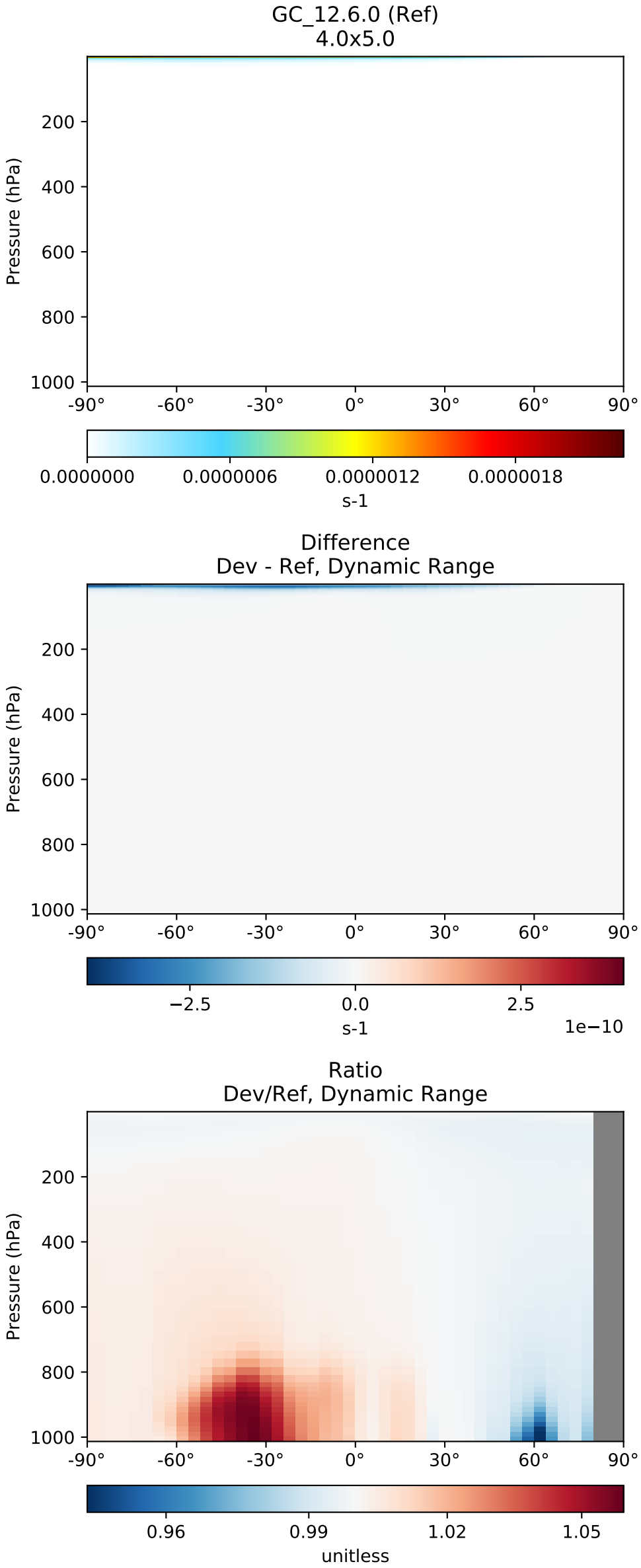


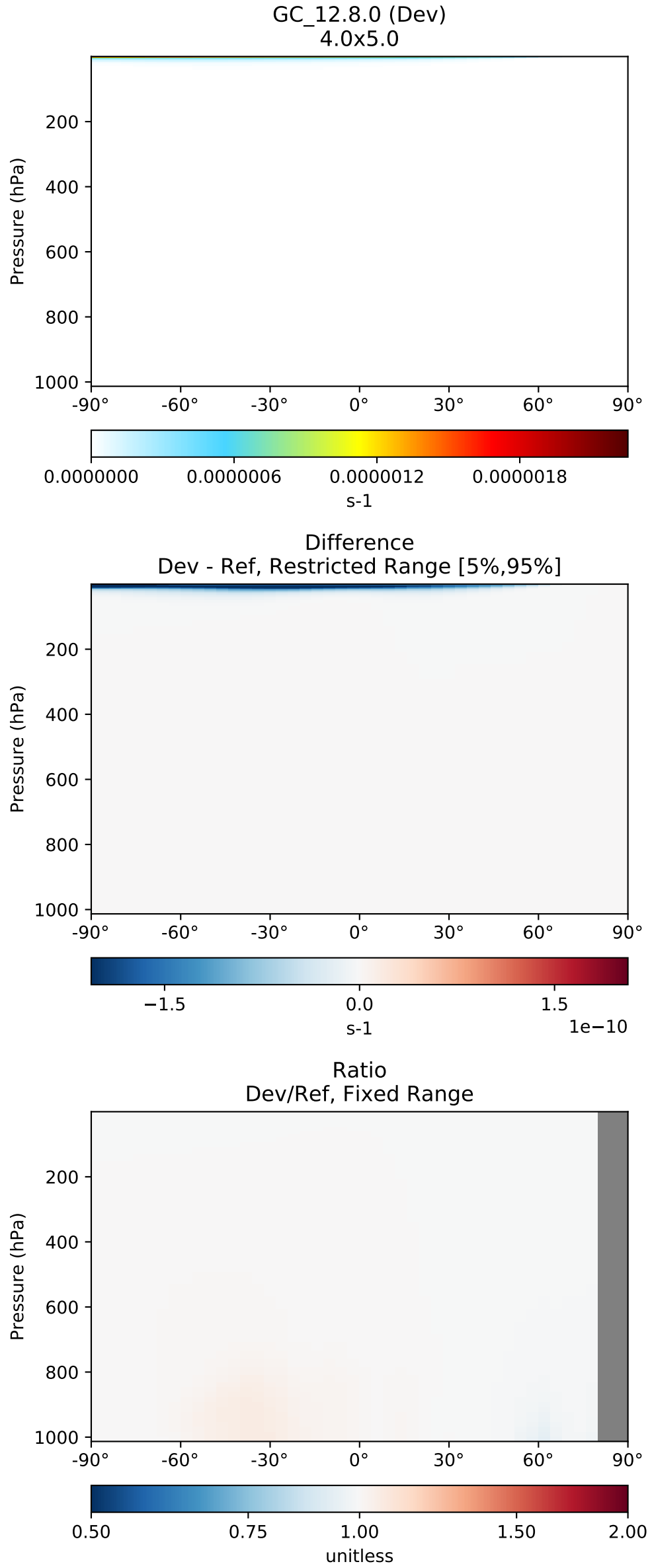
Jval_HCFC123, Zonal Mean (Jan2016)



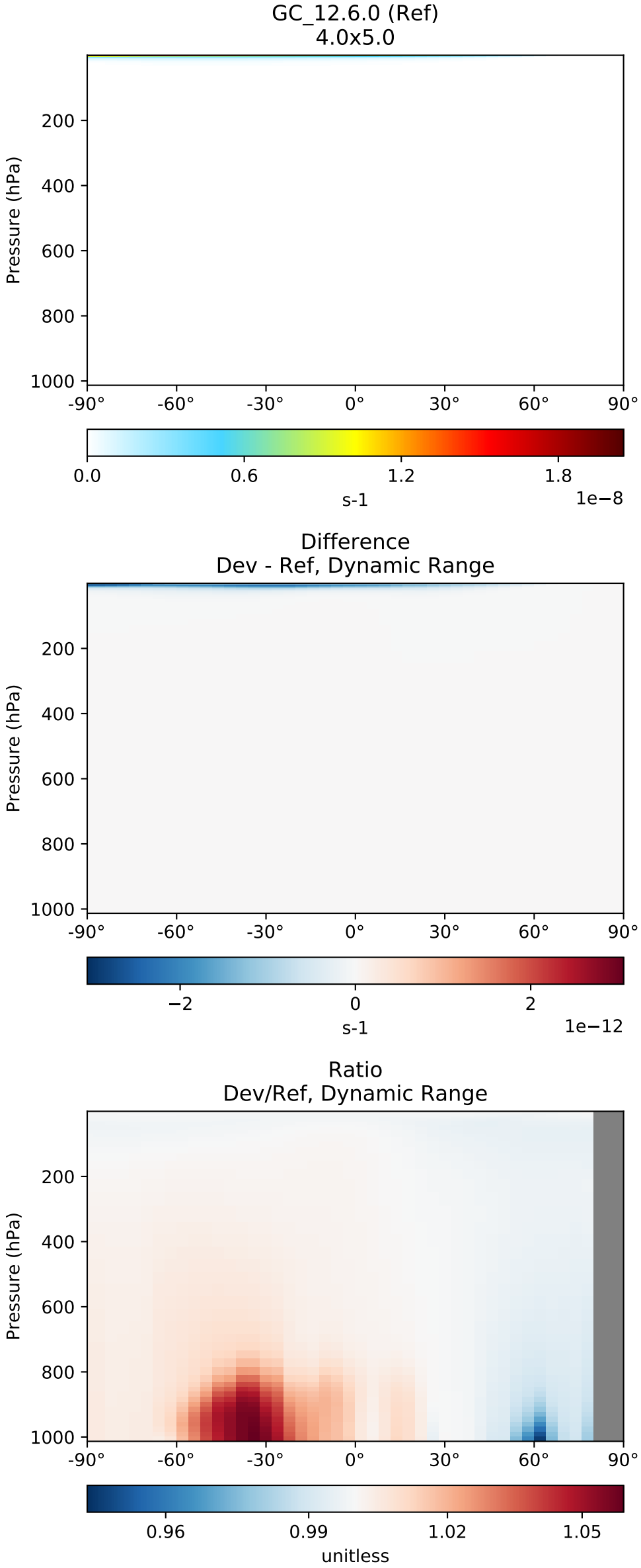


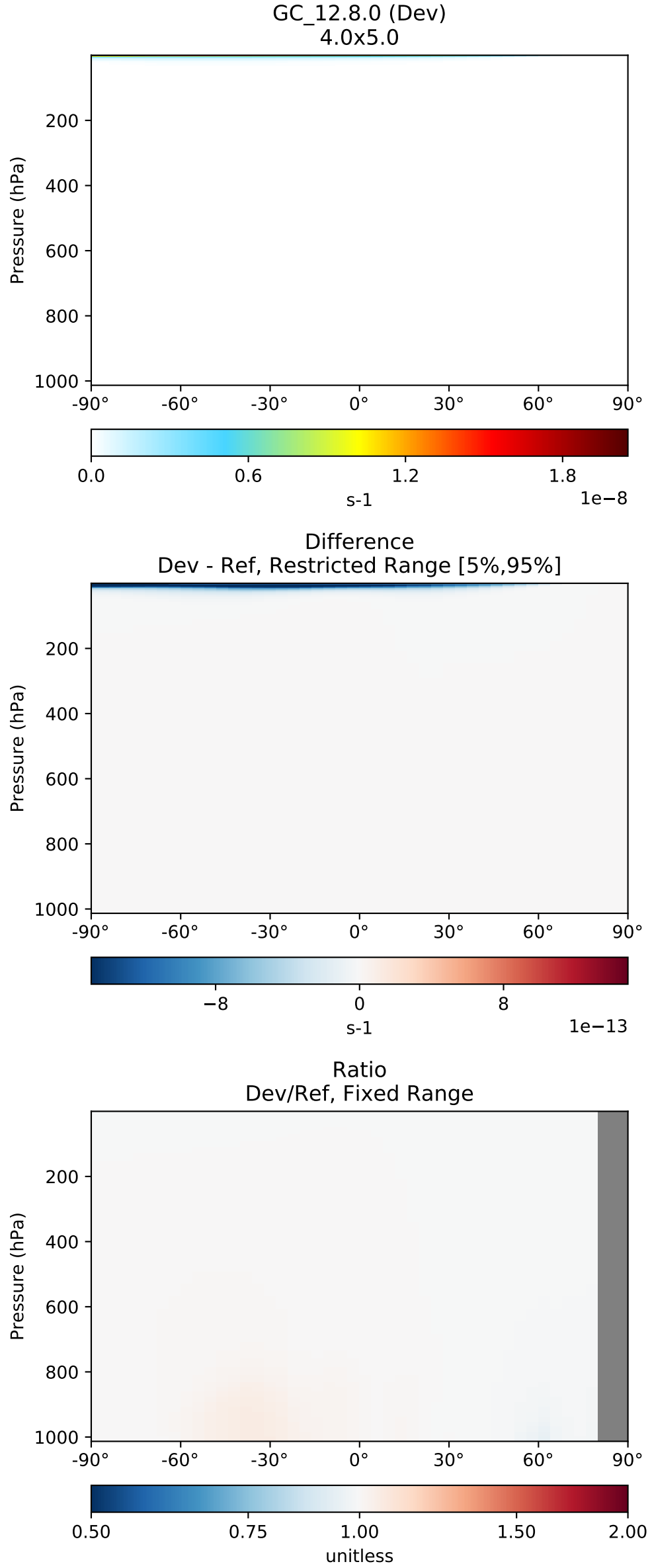
Jval_HCFC141b, Zonal Mean (Jan2016)



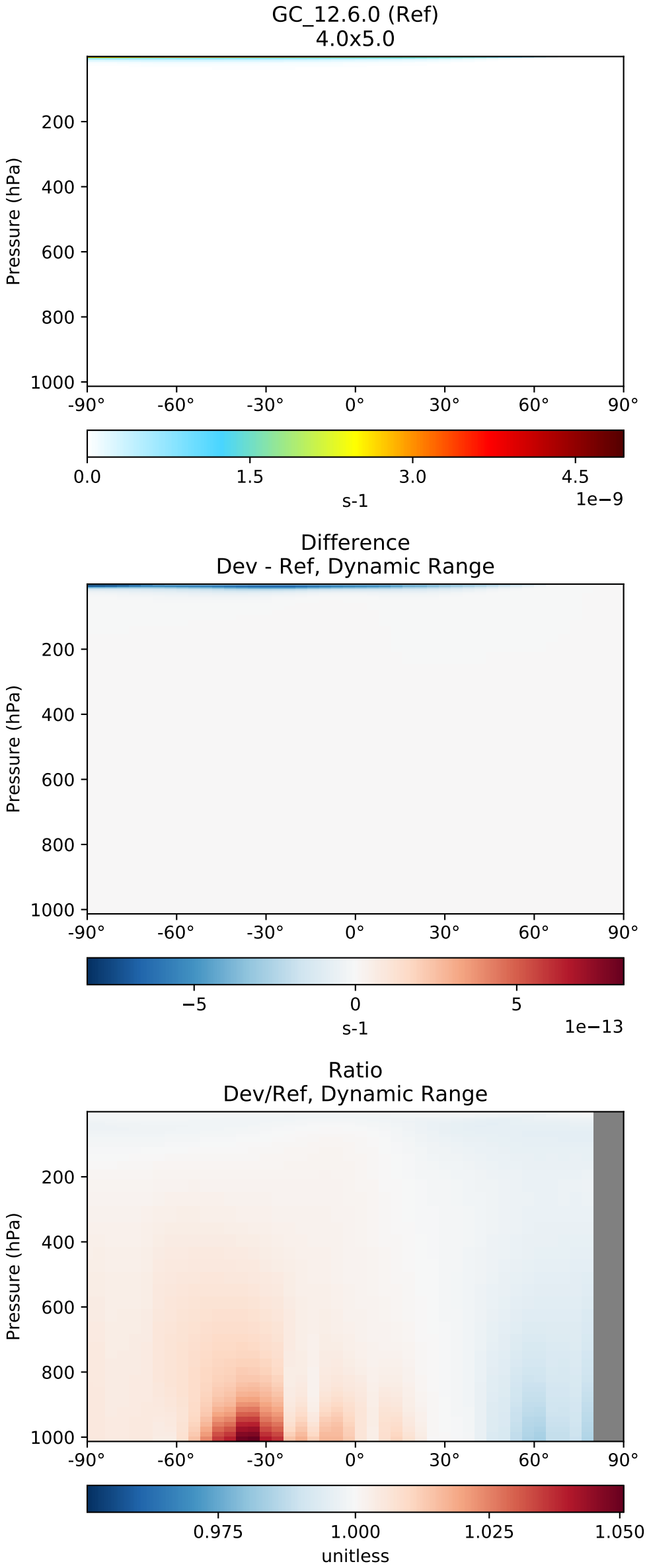


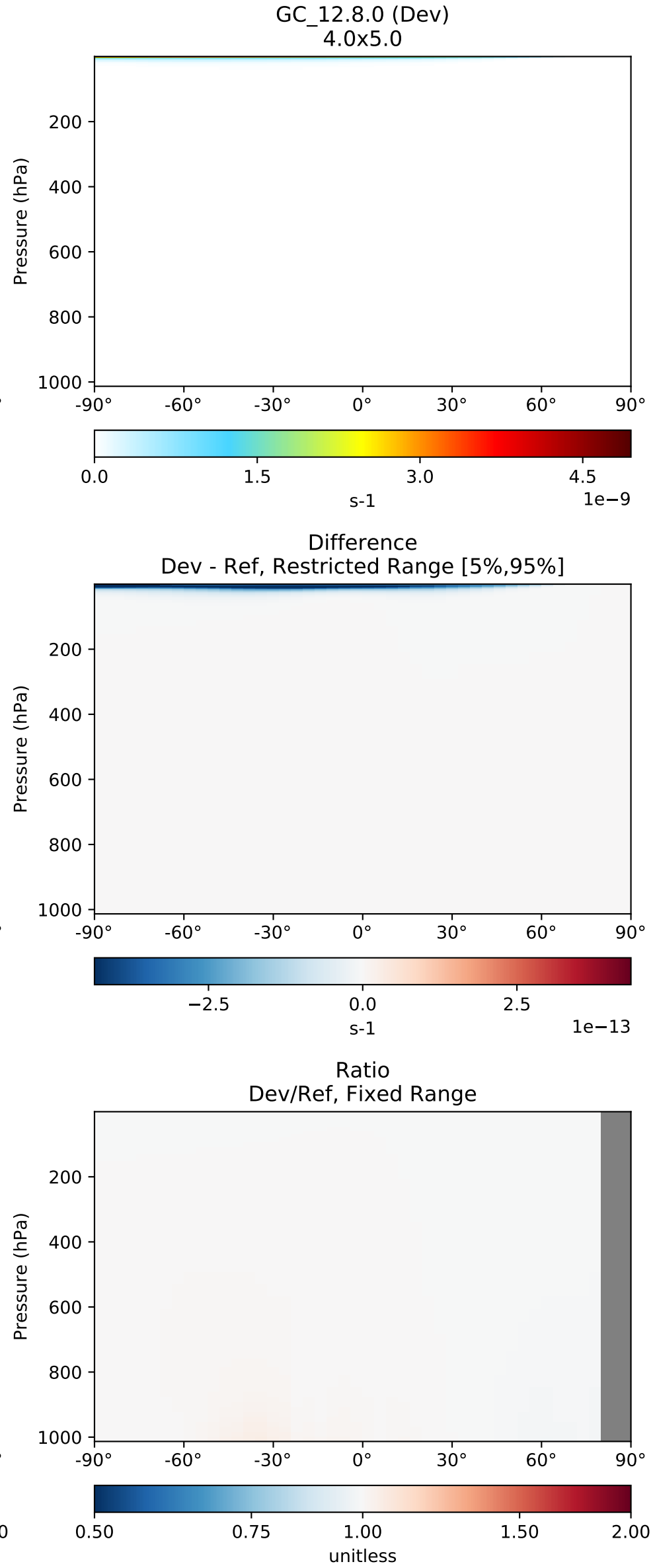
Jval_HCFC142b, Zonal Mean (Jan2016)



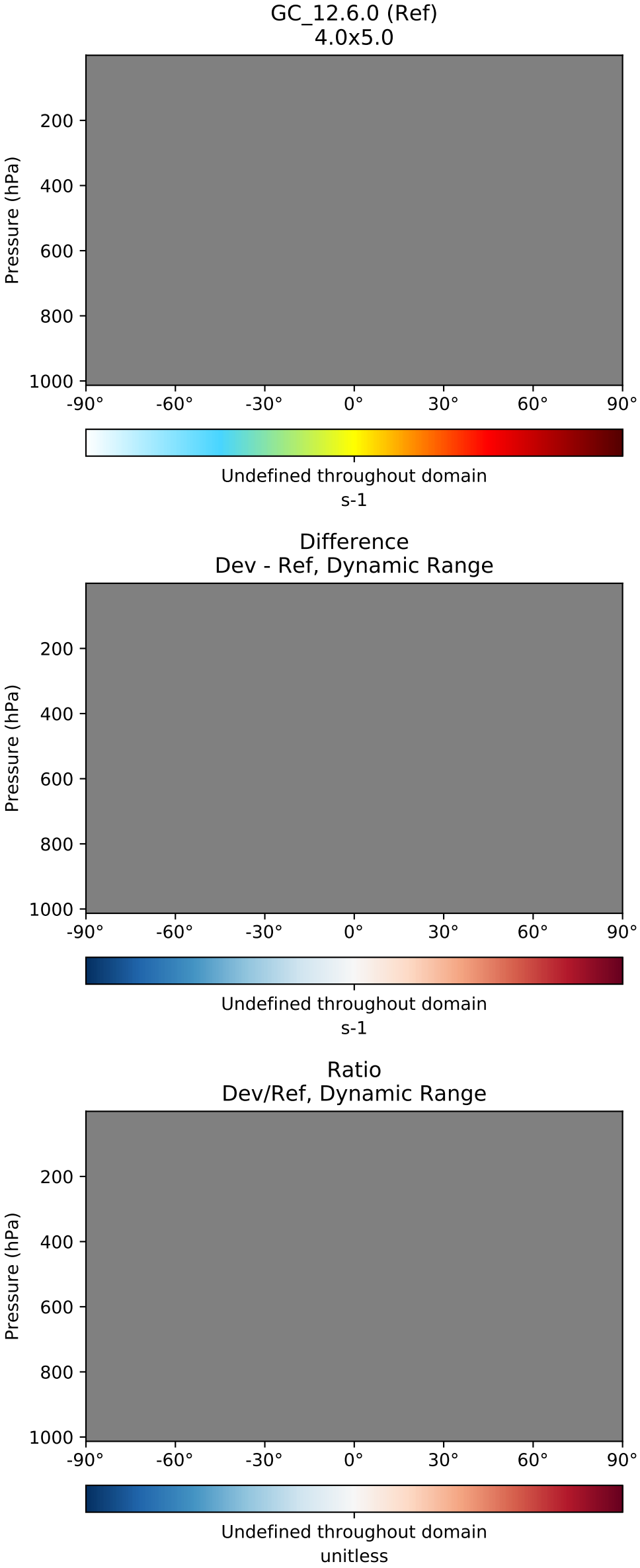


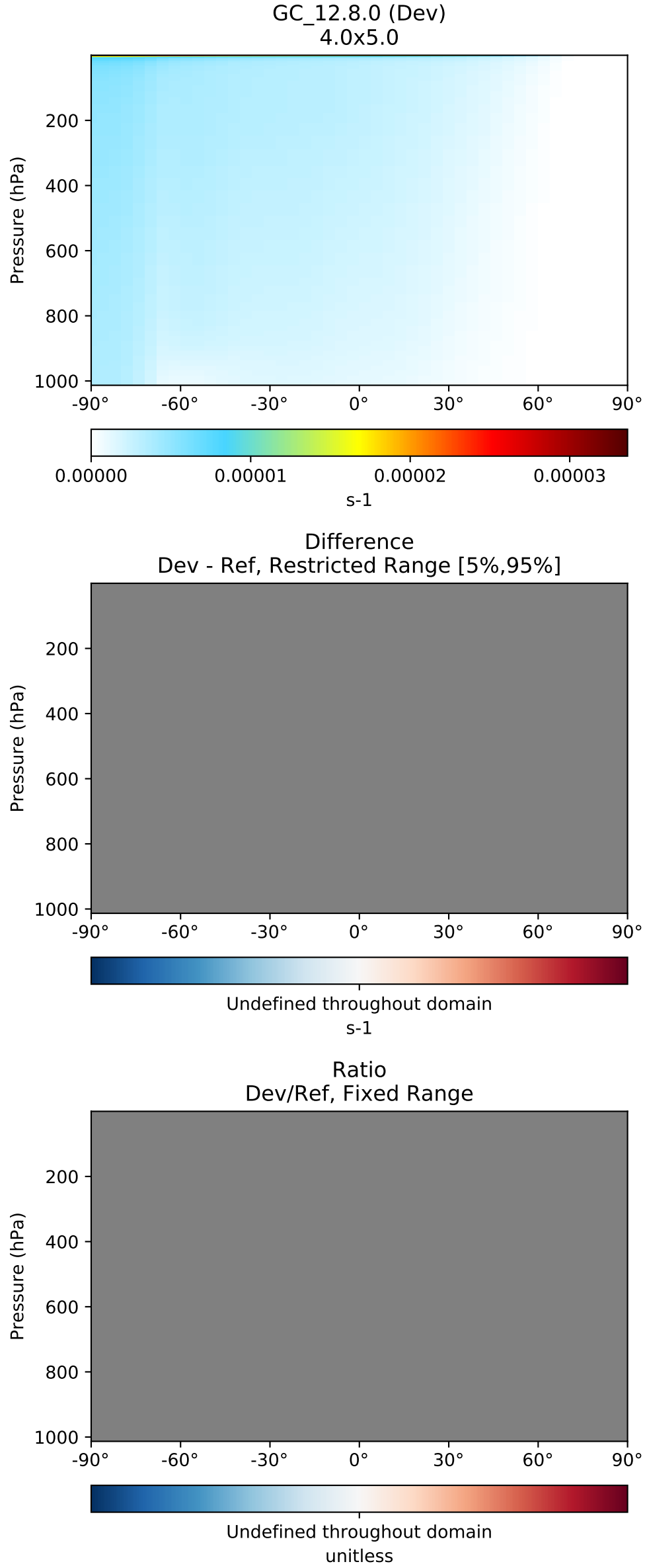
Jval_HCFC22, Zonal Mean (Jan2016)



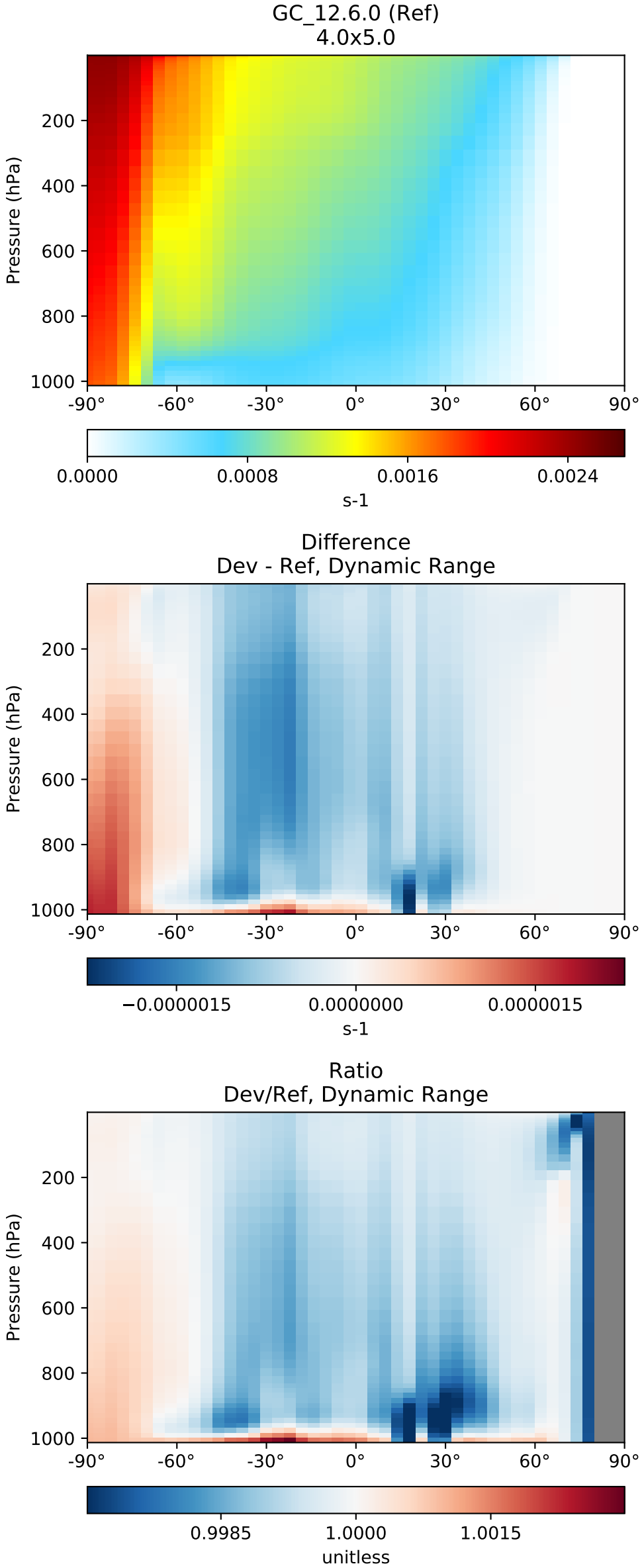


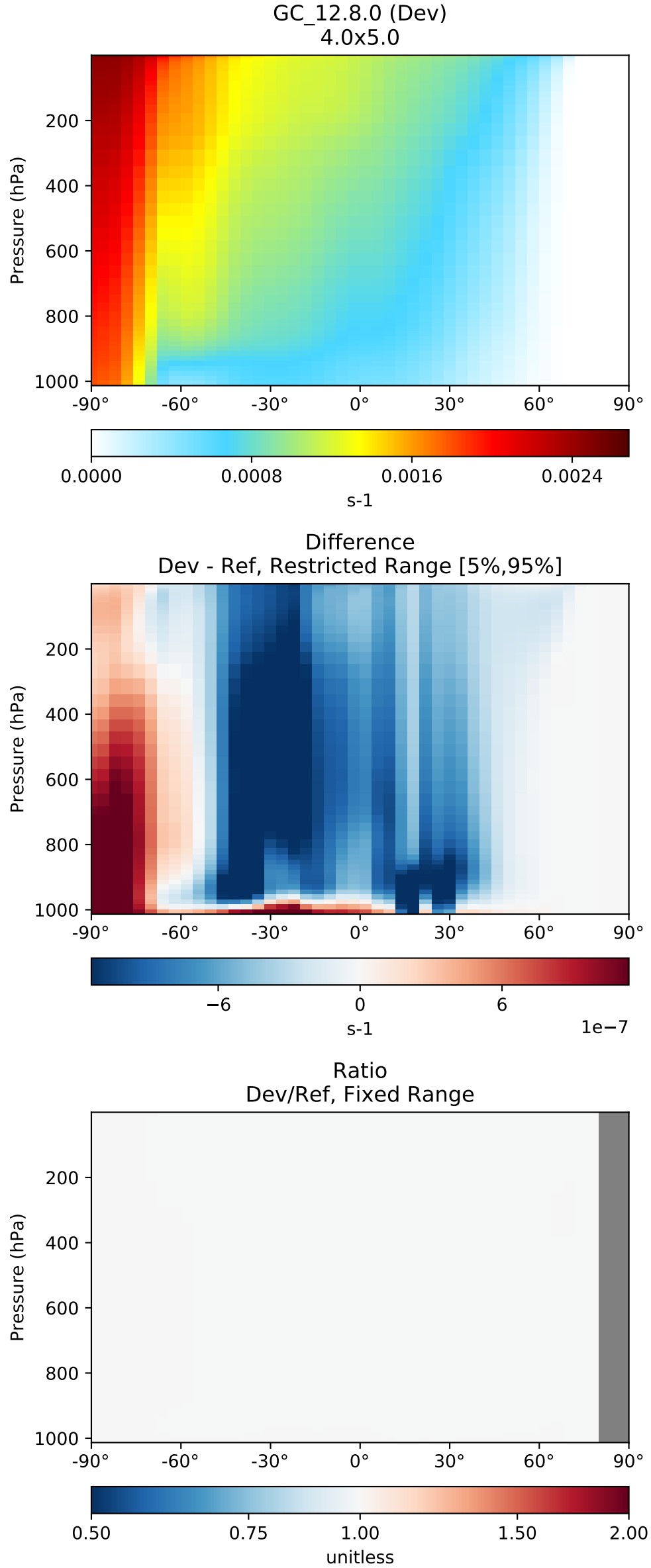
Jval_HMHP, Zonal Mean (Jan2016)



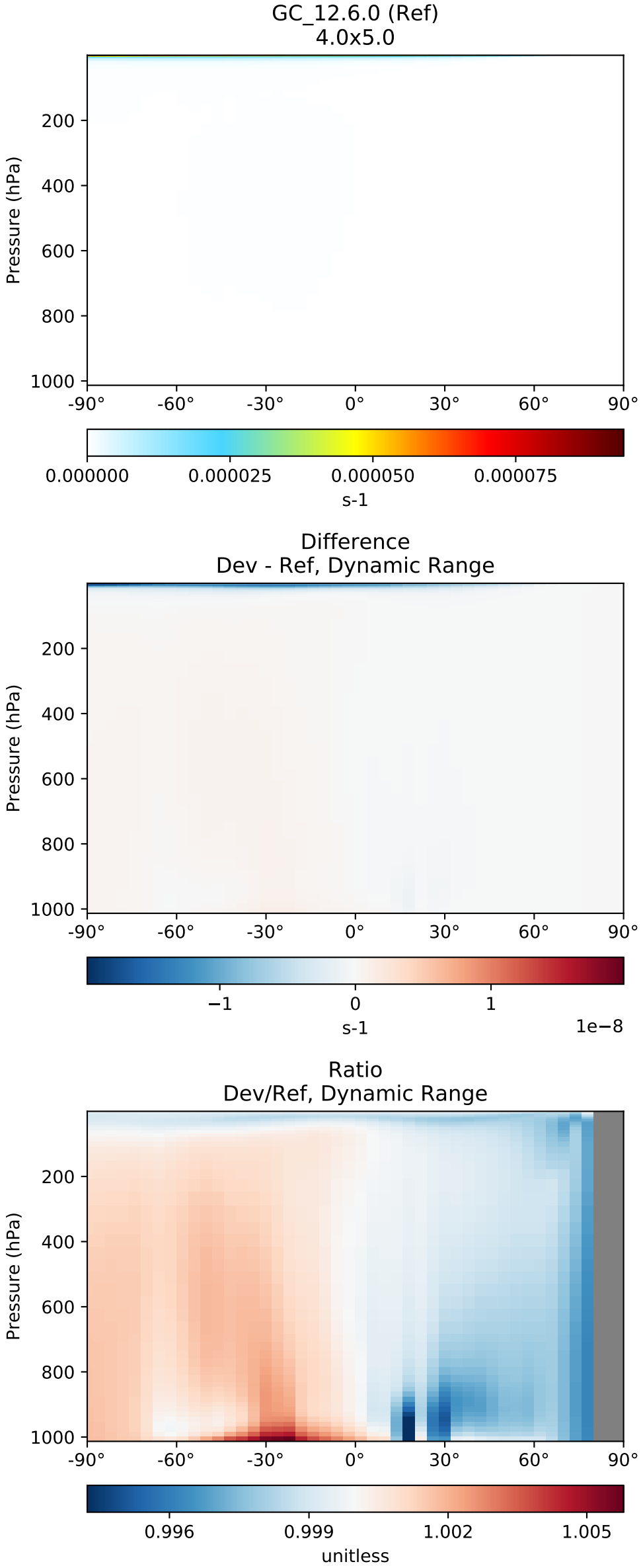


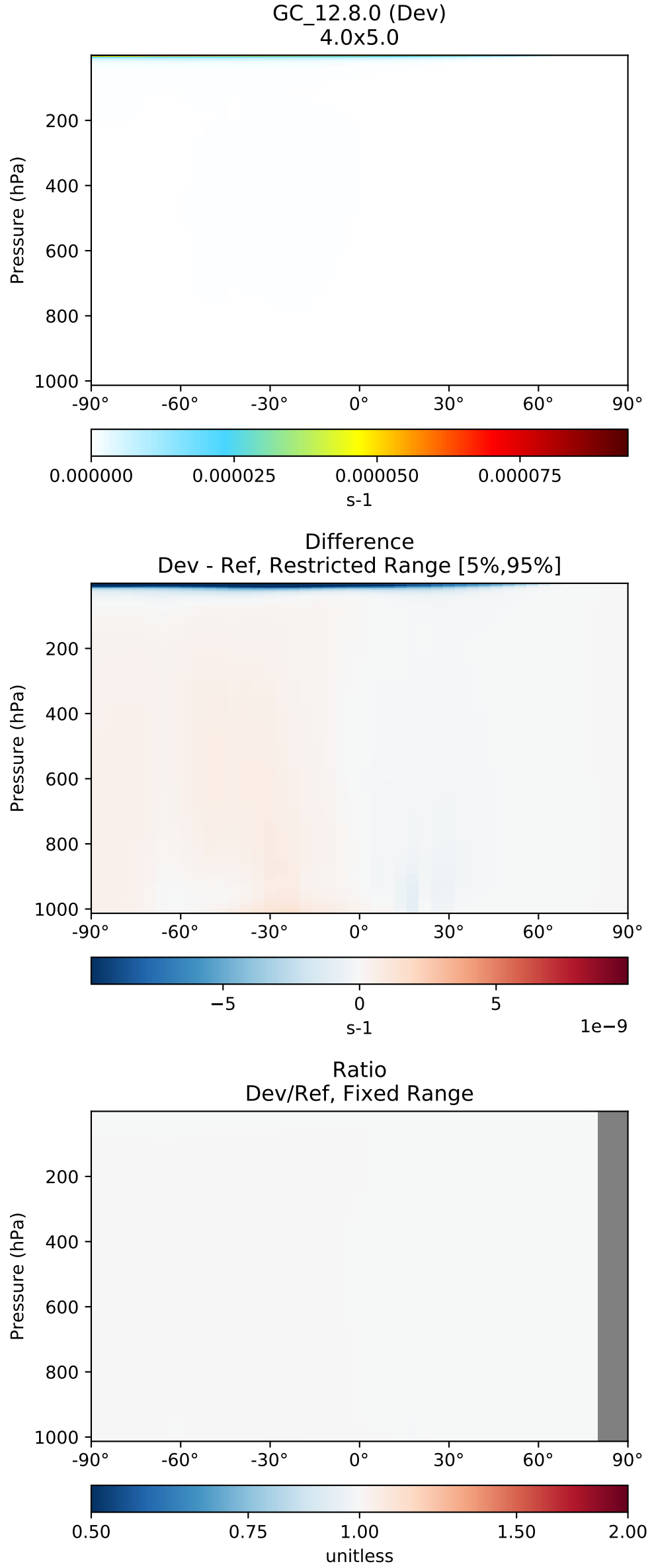
Jval_HNO2, Zonal Mean (Jan2016)



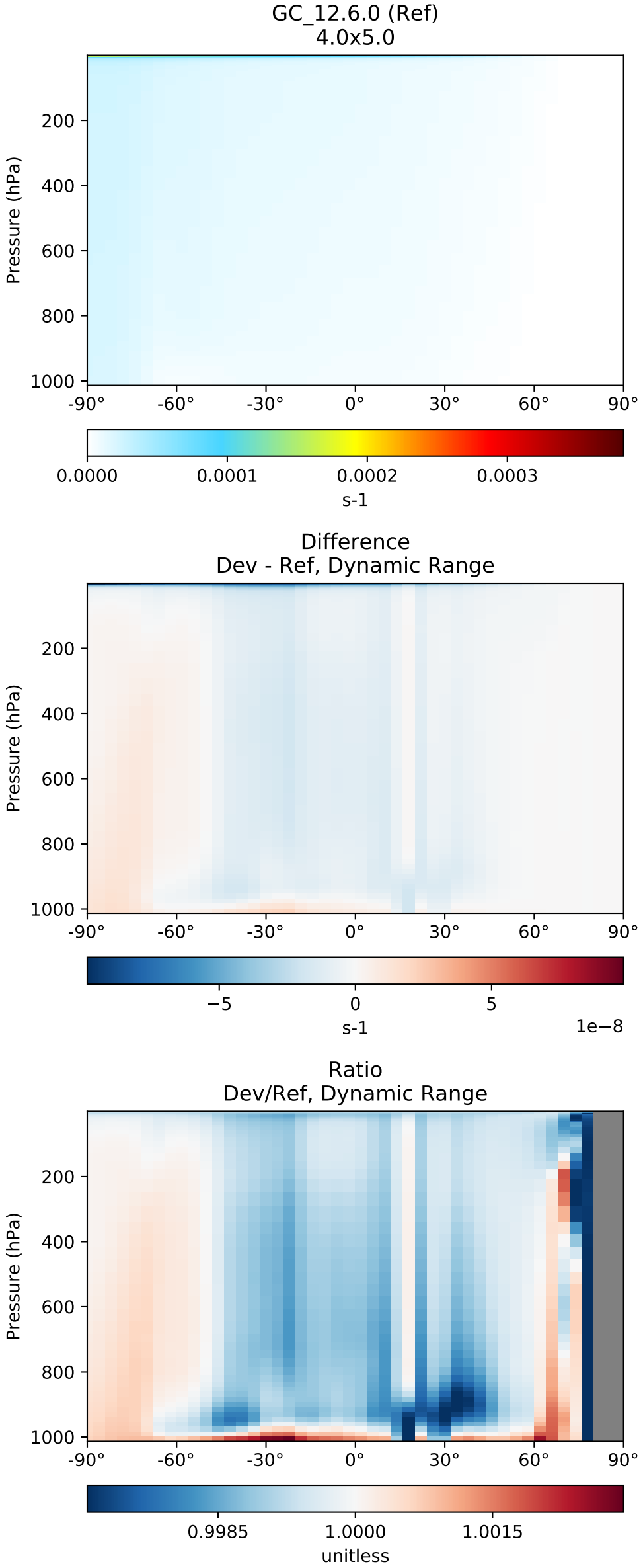


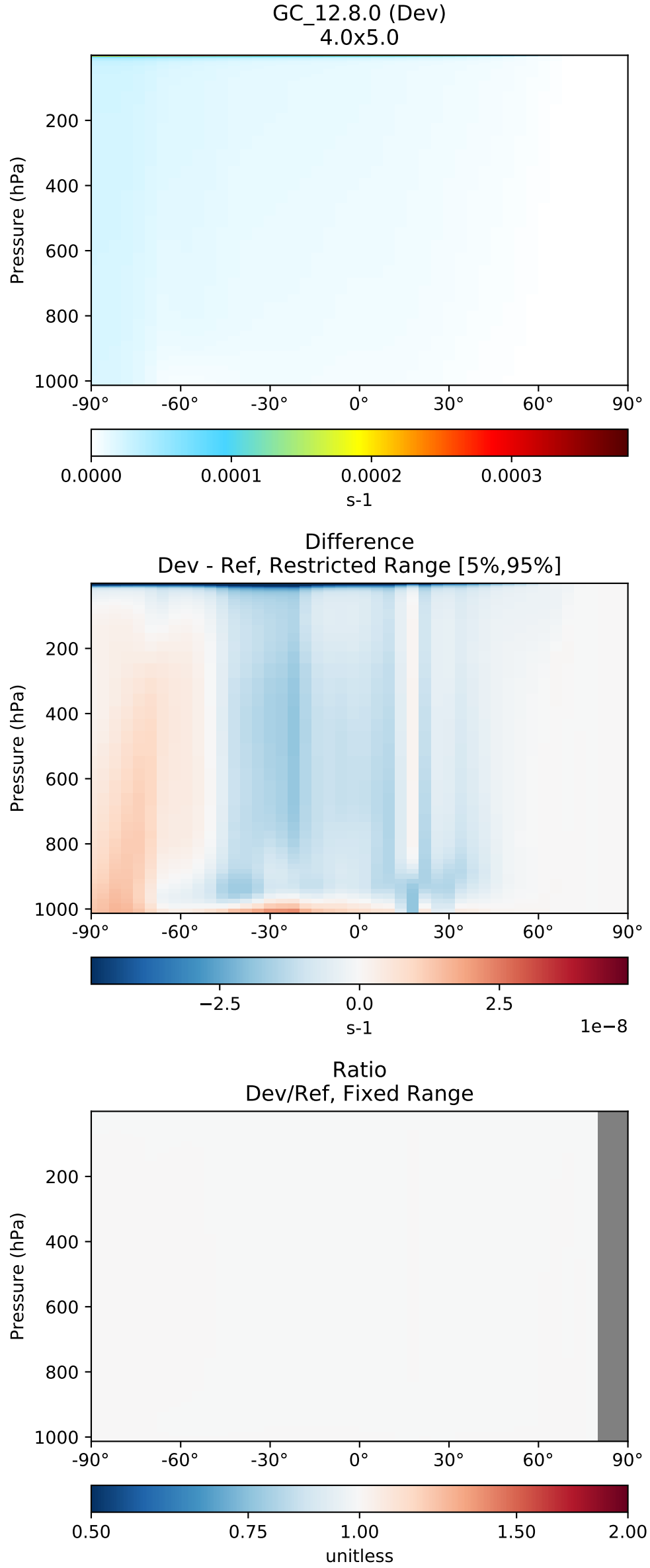
Jval_HNO3, Zonal Mean (Jan2016)



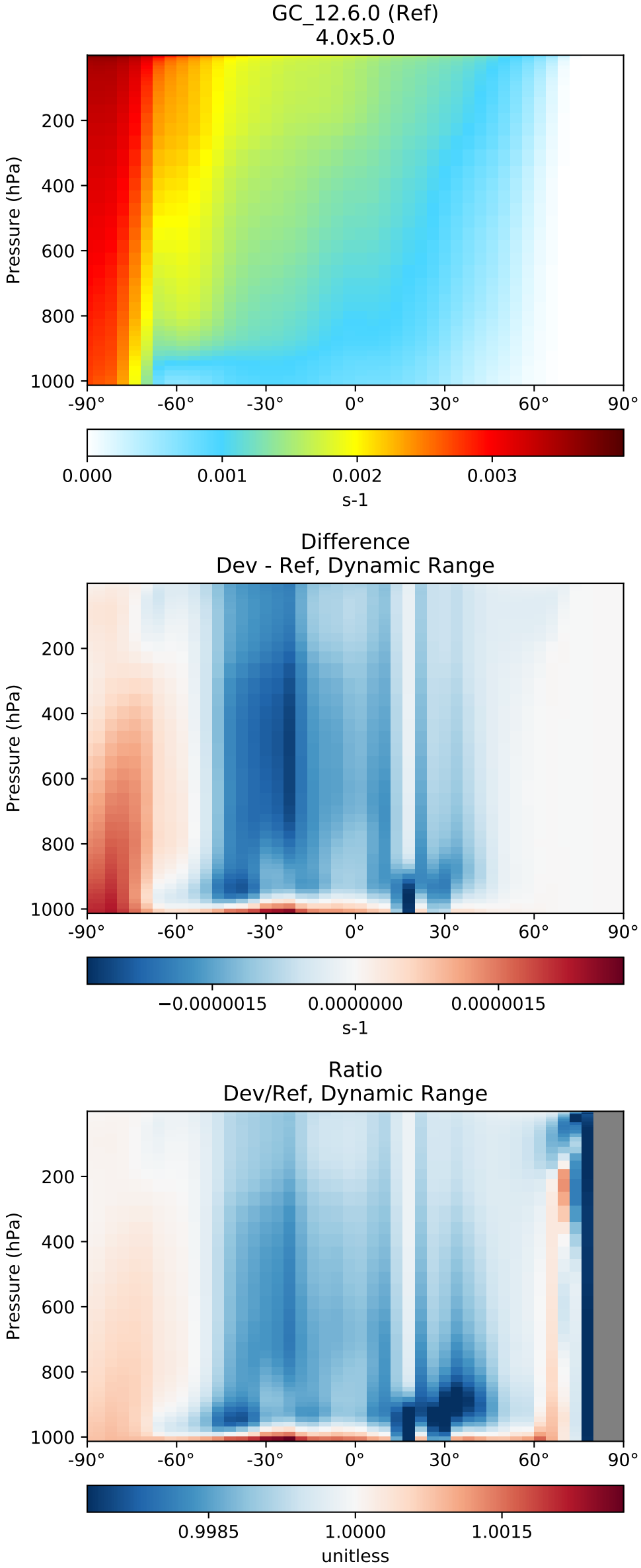


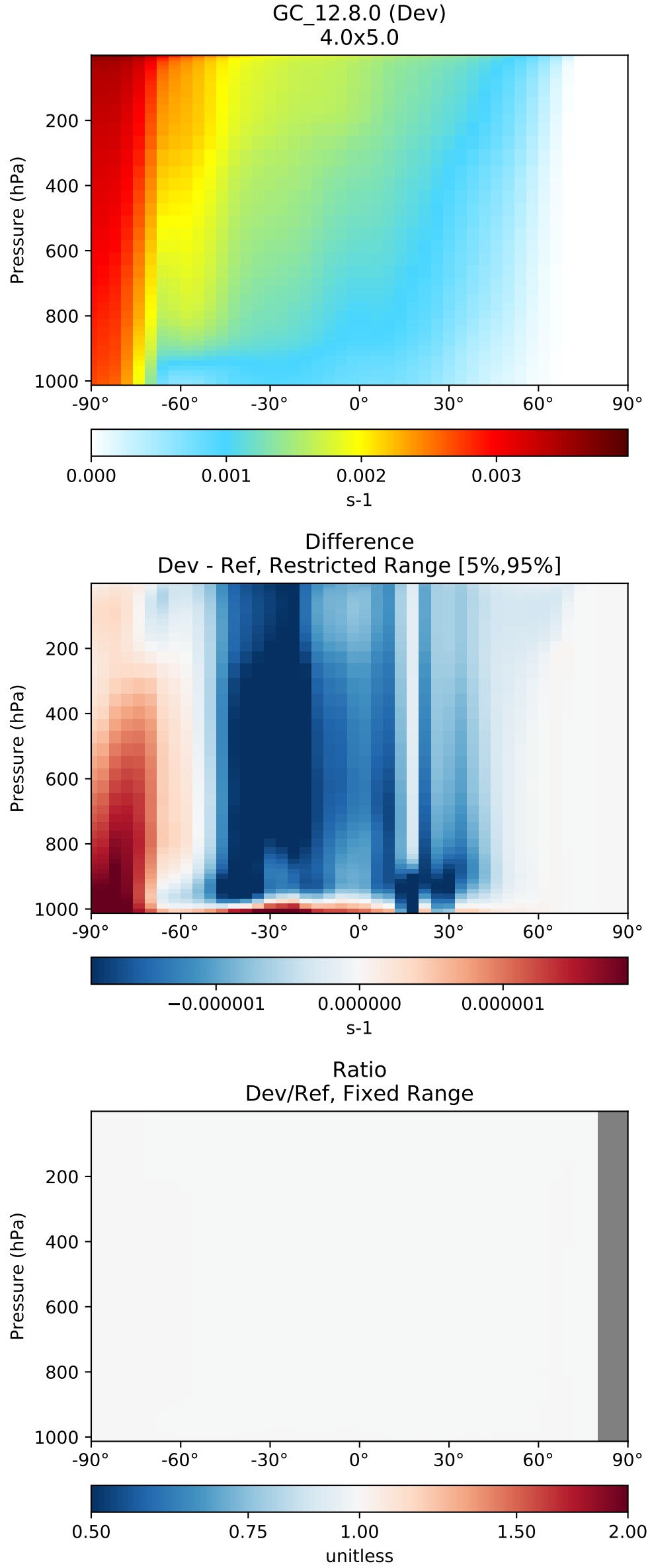
Jval_HNO4, Zonal Mean (Jan2016)



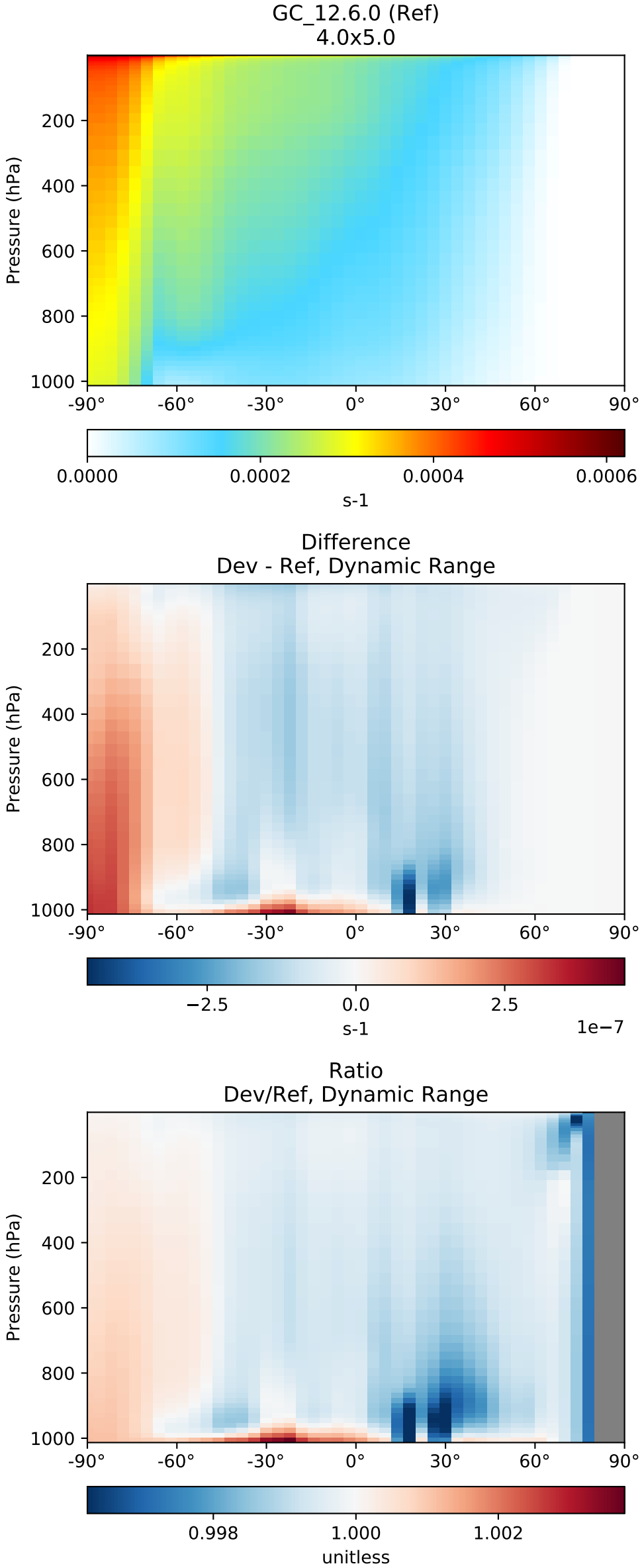


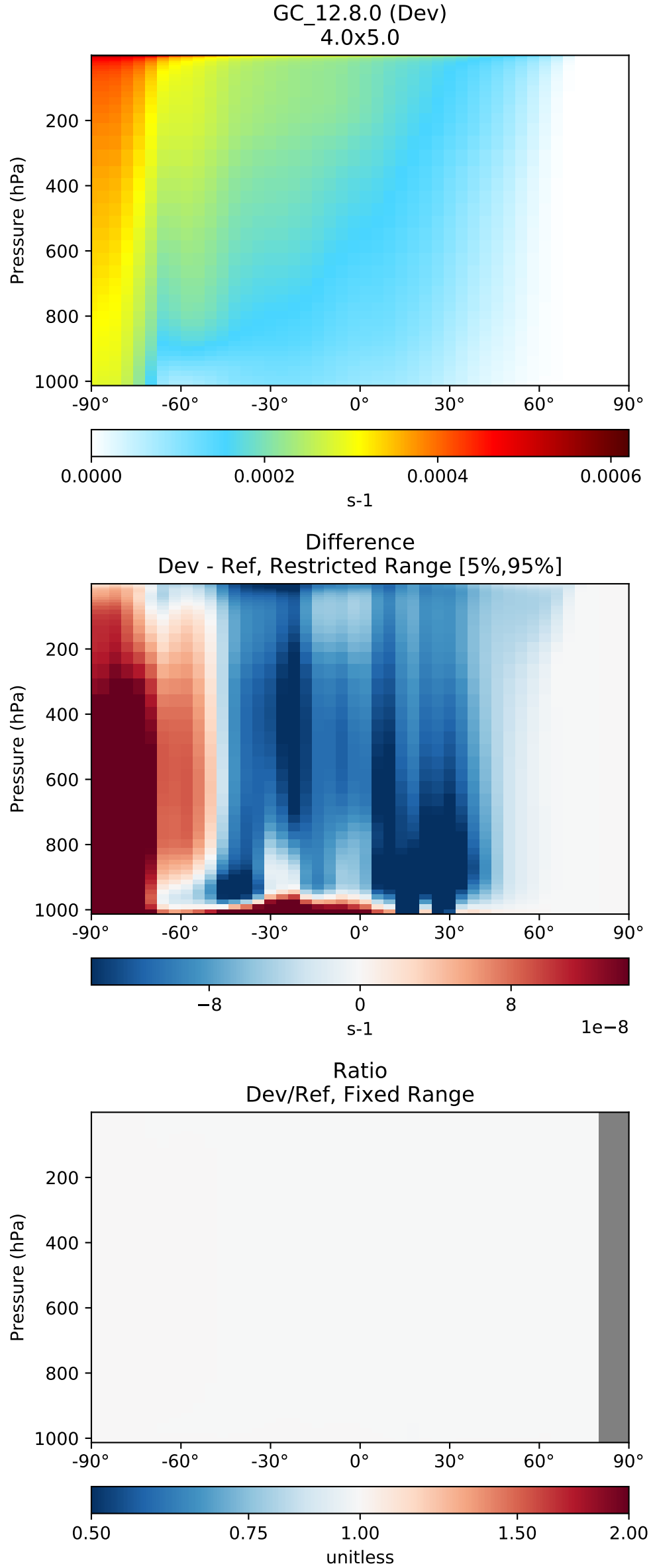
Jval_HOBr, Zonal Mean (Jan2016)





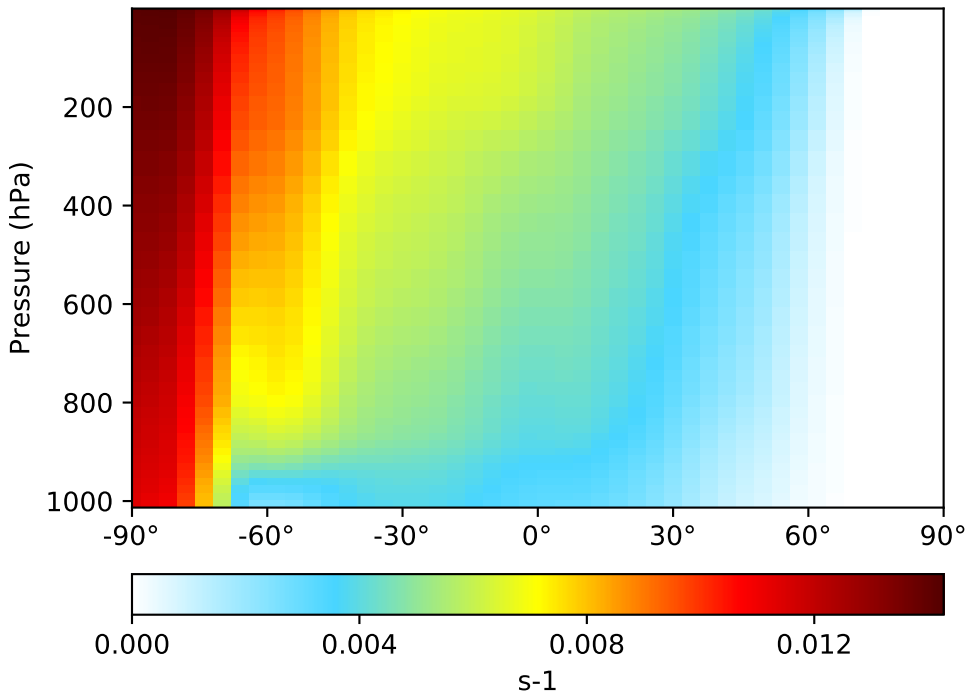
Jval_HOCl, Zonal Mean (Jan2016)



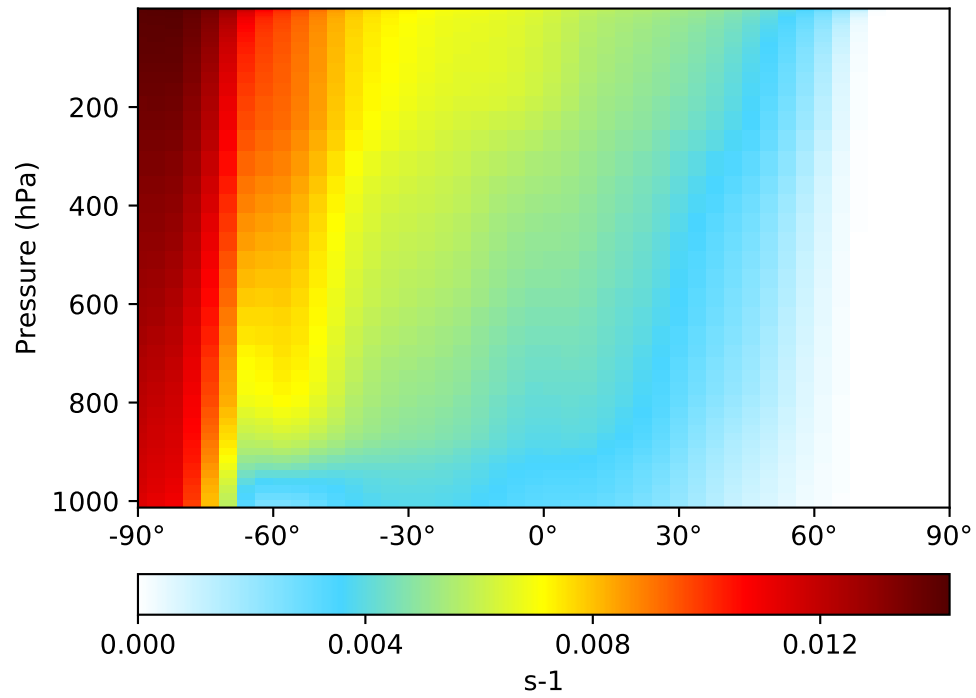


Jval_HOI, Zonal Mean (Jan2016)

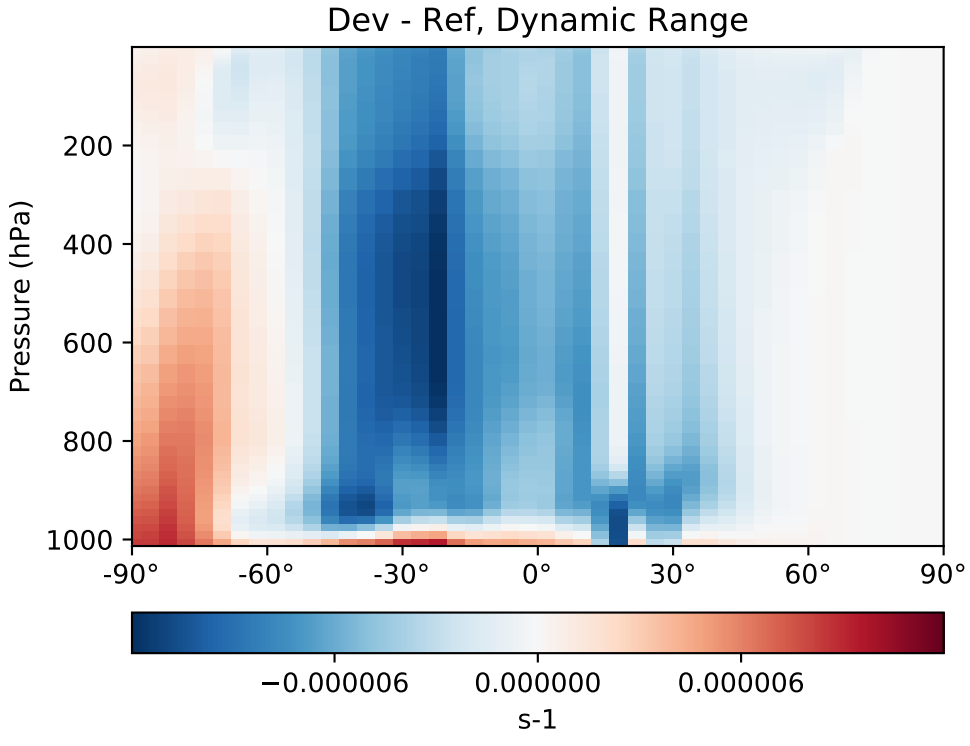
GC_12.6.0 (Ref)
4.0x5.0



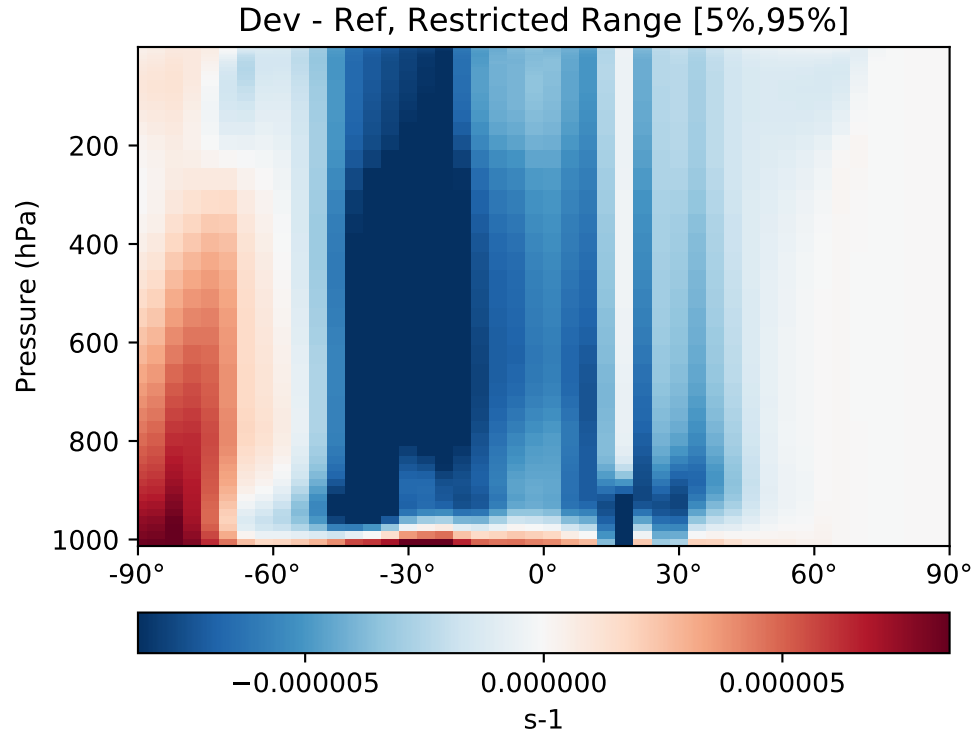
GC_12.8.0 (Dev)
4.0x5.0



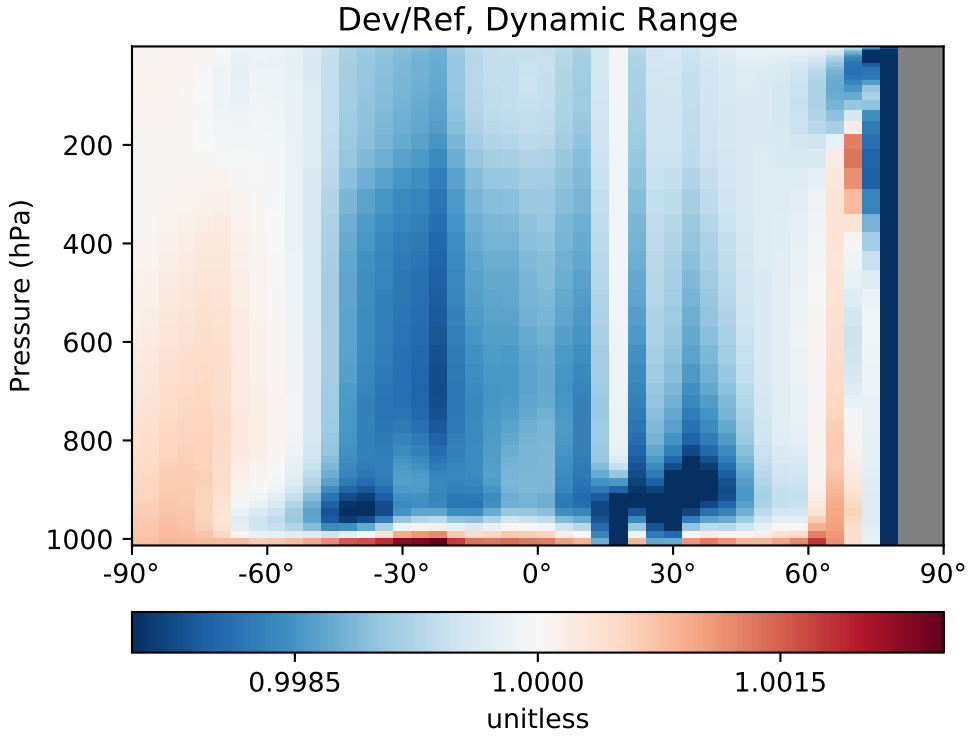
Difference
Dev - Ref, Dynamic Range



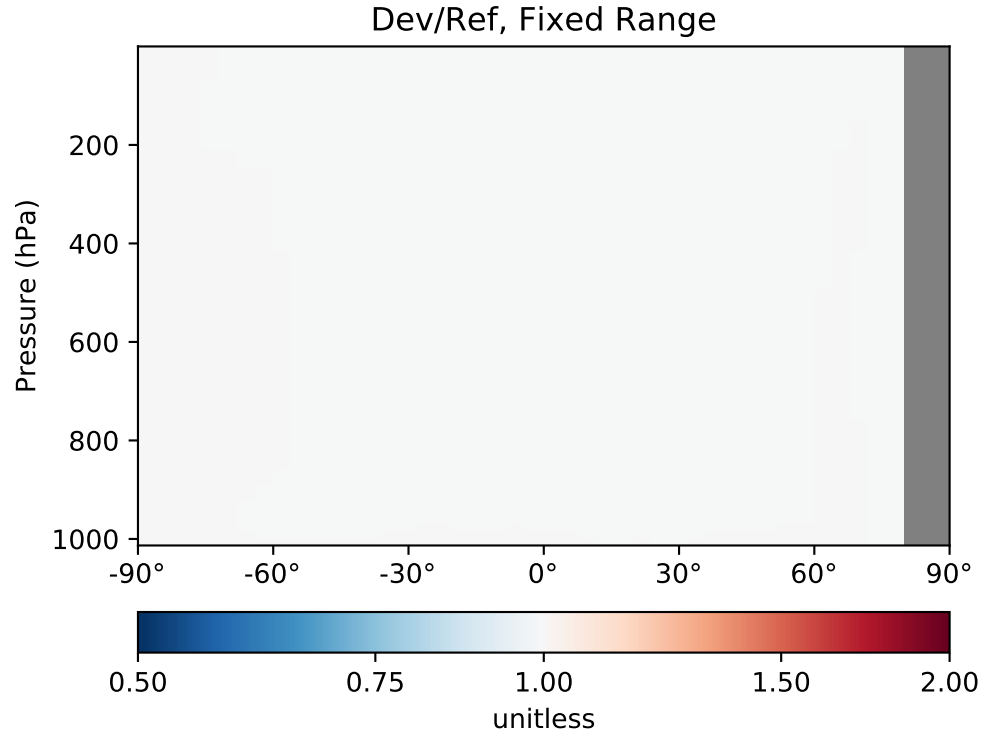
Difference
Dev - Ref, Restricted Range [5%,95%]



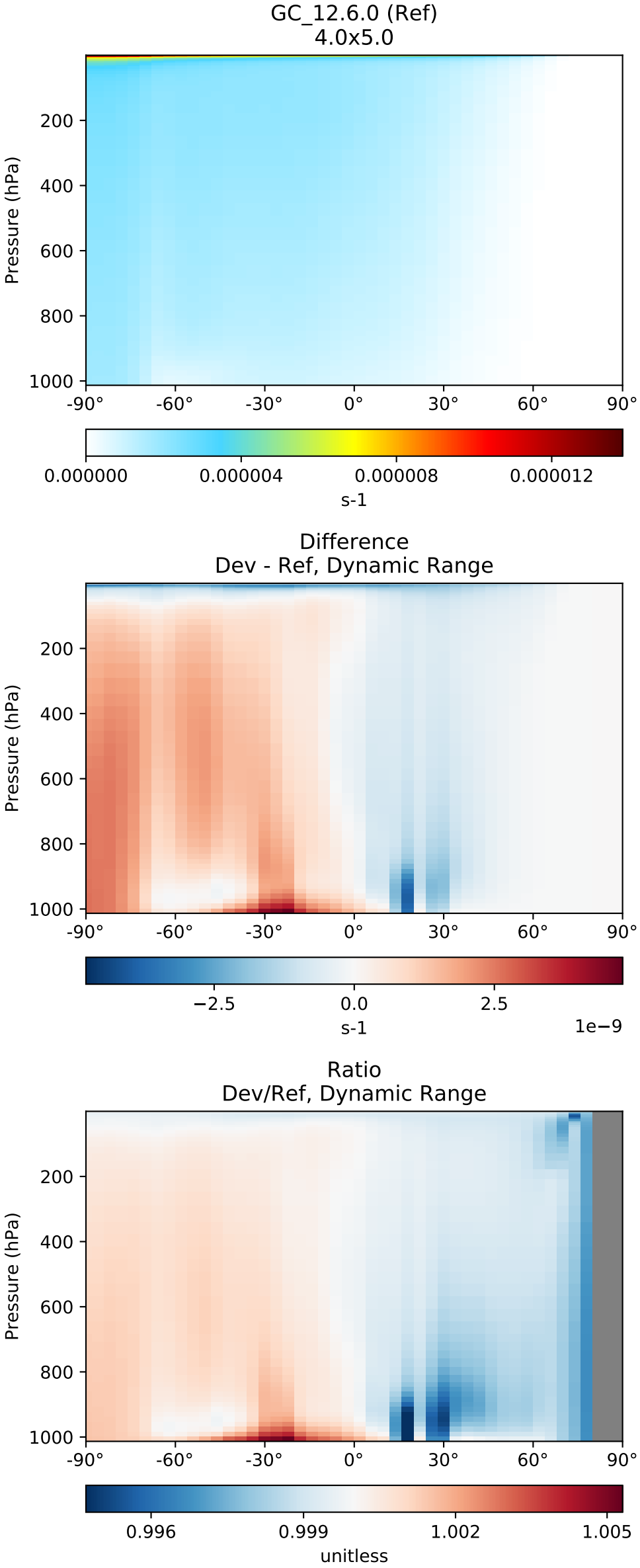
Ratio
Dev/Ref, Dynamic Range

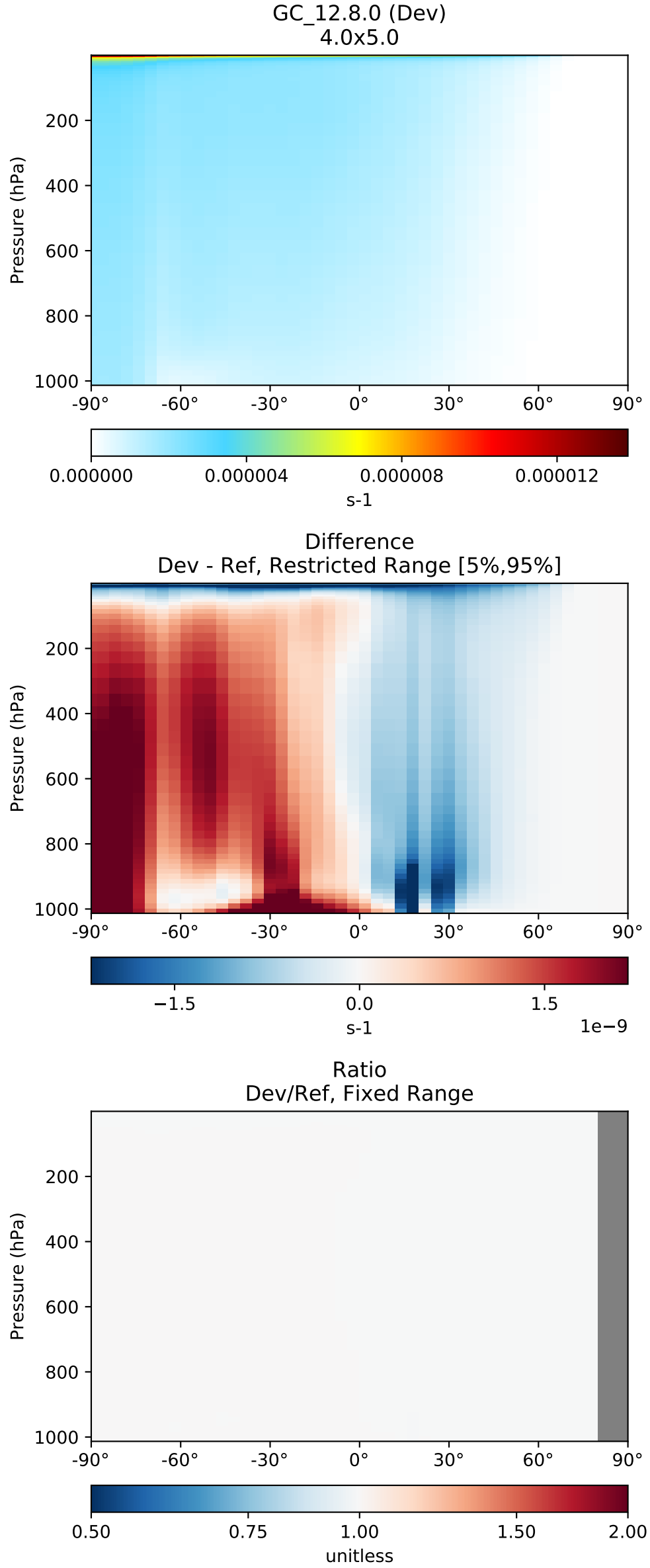


Ratio
Dev/Ref, Fixed Range

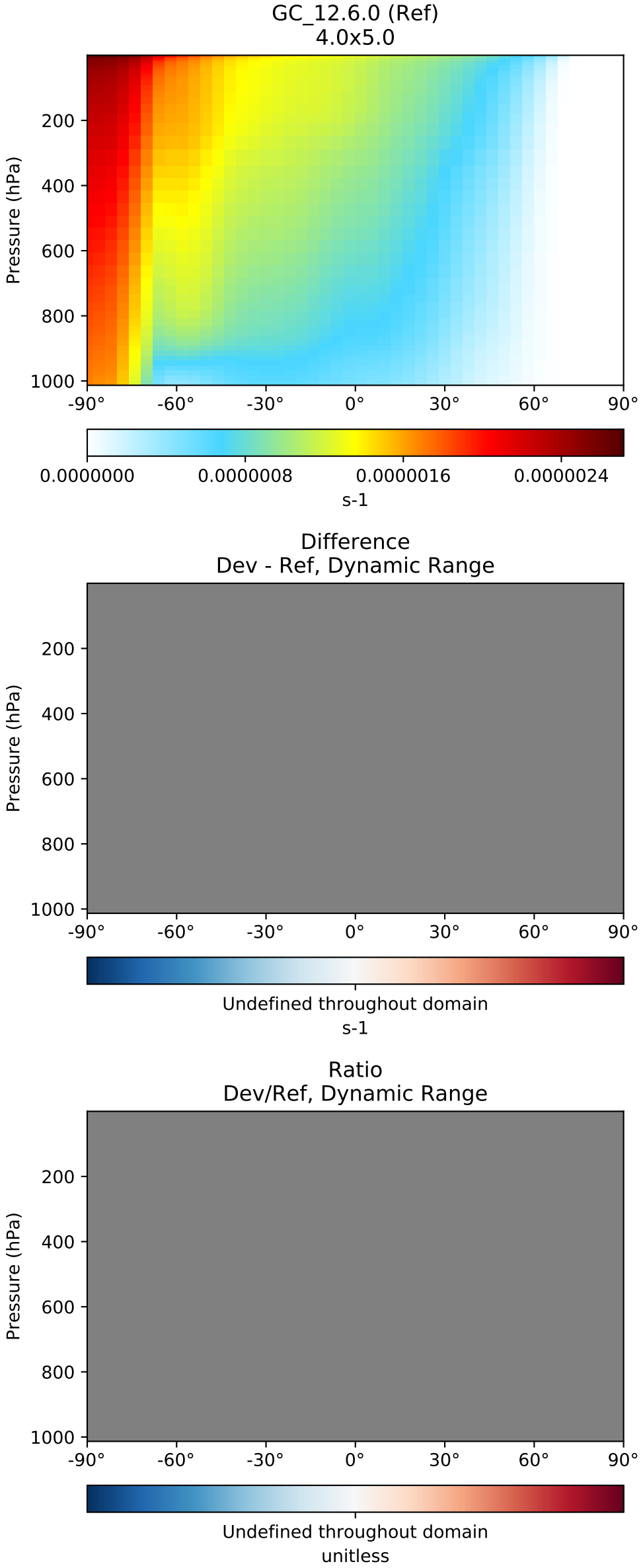


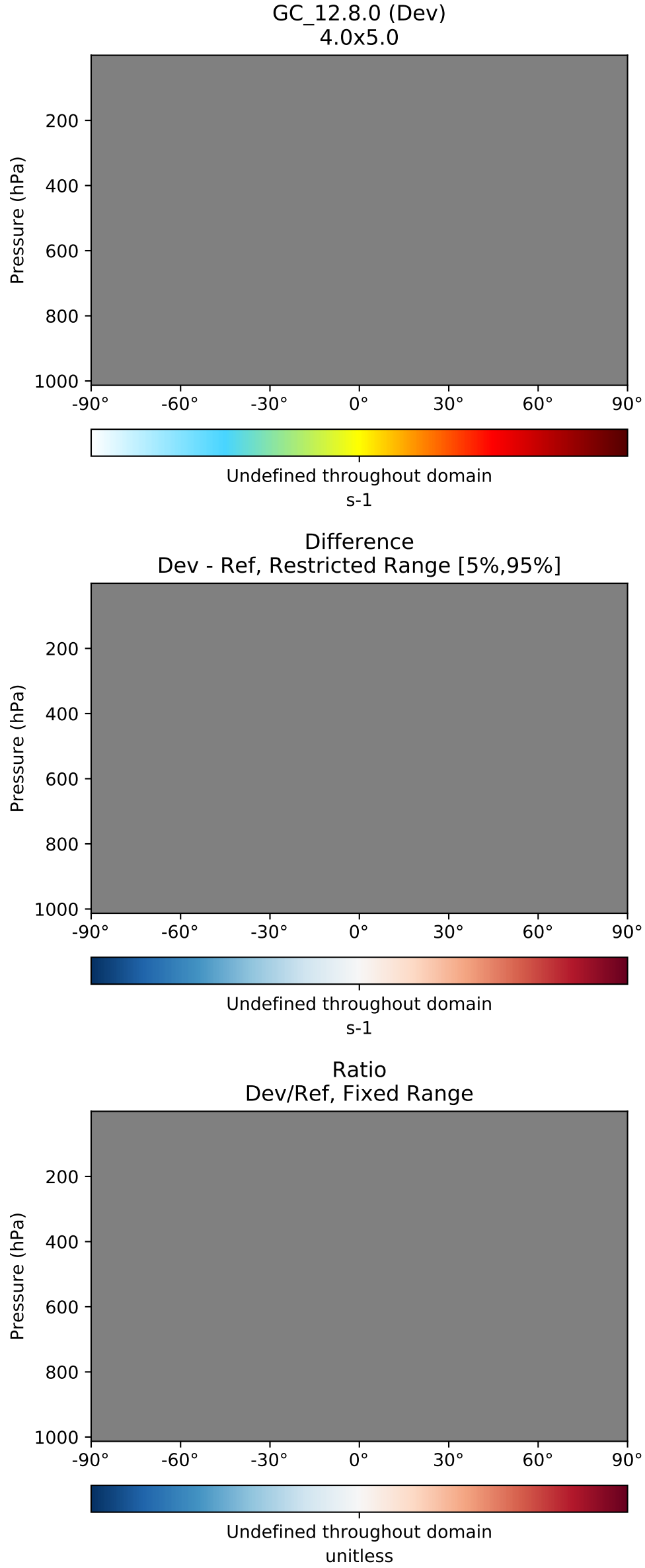
Jval_HONIT, Zonal Mean (Jan2016)





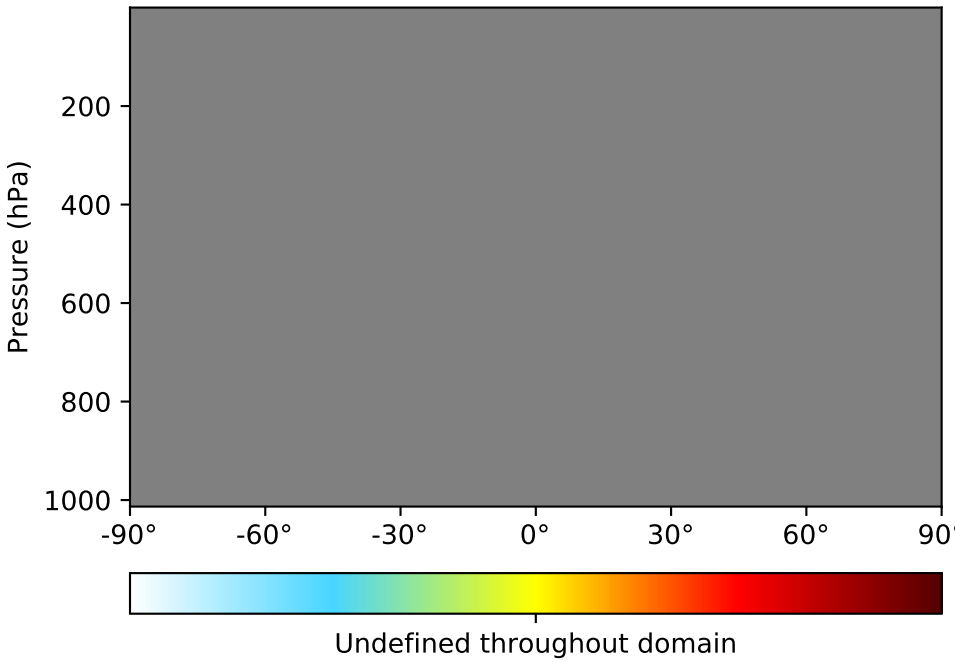
Jval_HPALD, Zonal Mean (Jan2016)



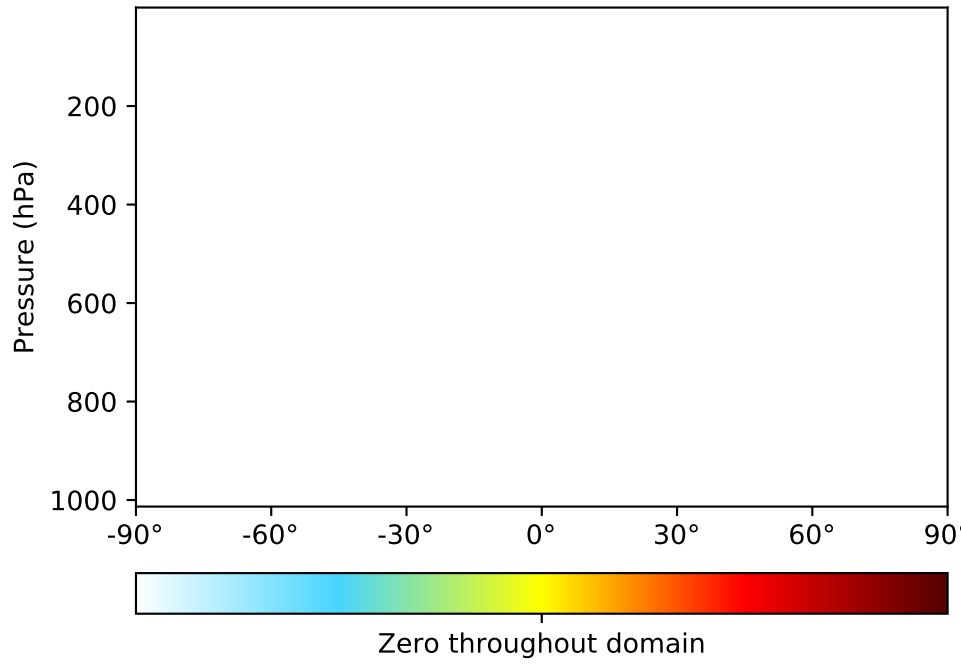


Jval_HPALD1, Zonal Mean (Jan2016)

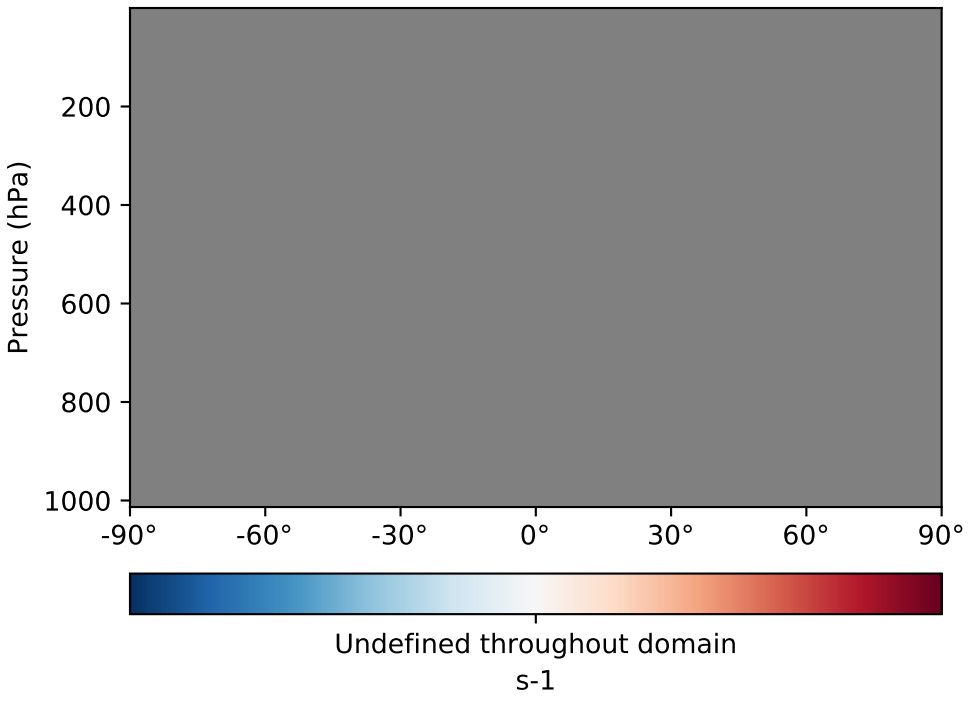
GC_12.6.0 (Ref)
4.0x5.0



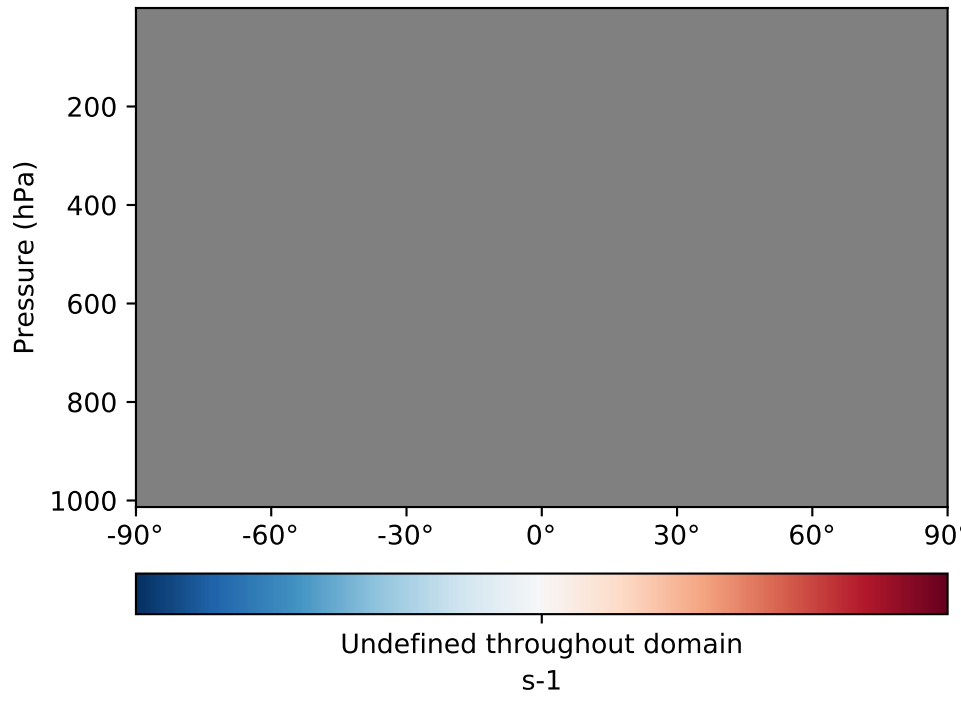
GC_12.8.0 (Dev)
4.0x5.0



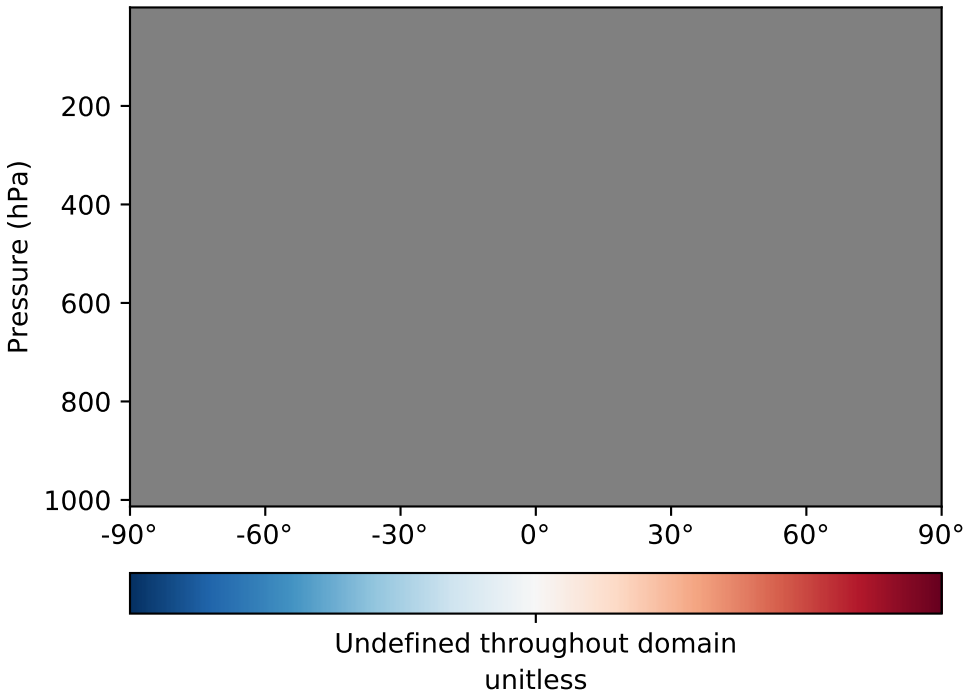
Difference
Dev - Ref, Dynamic Range



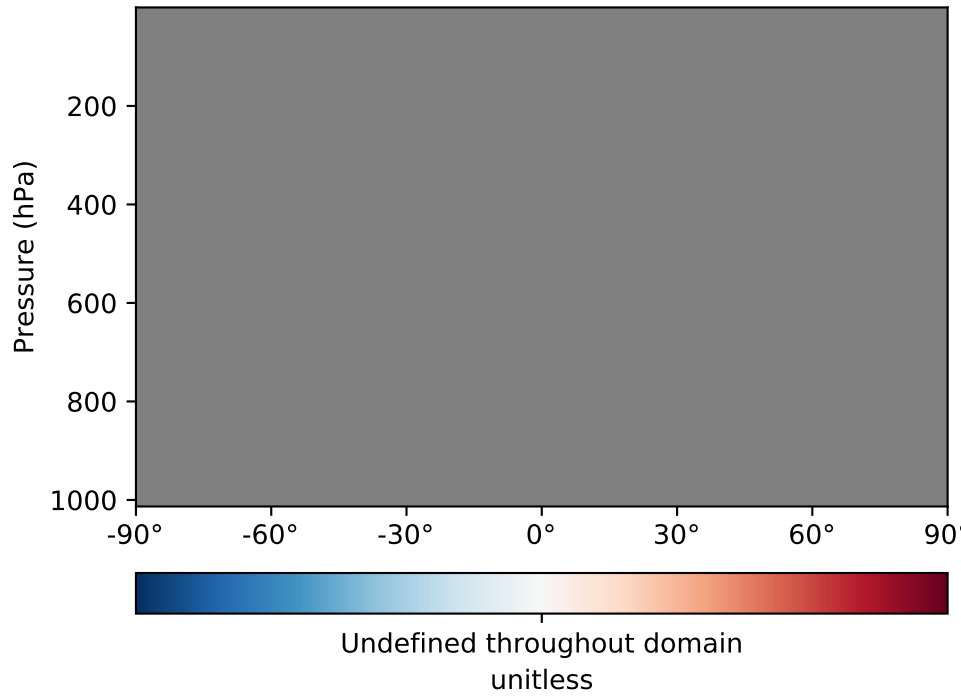
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

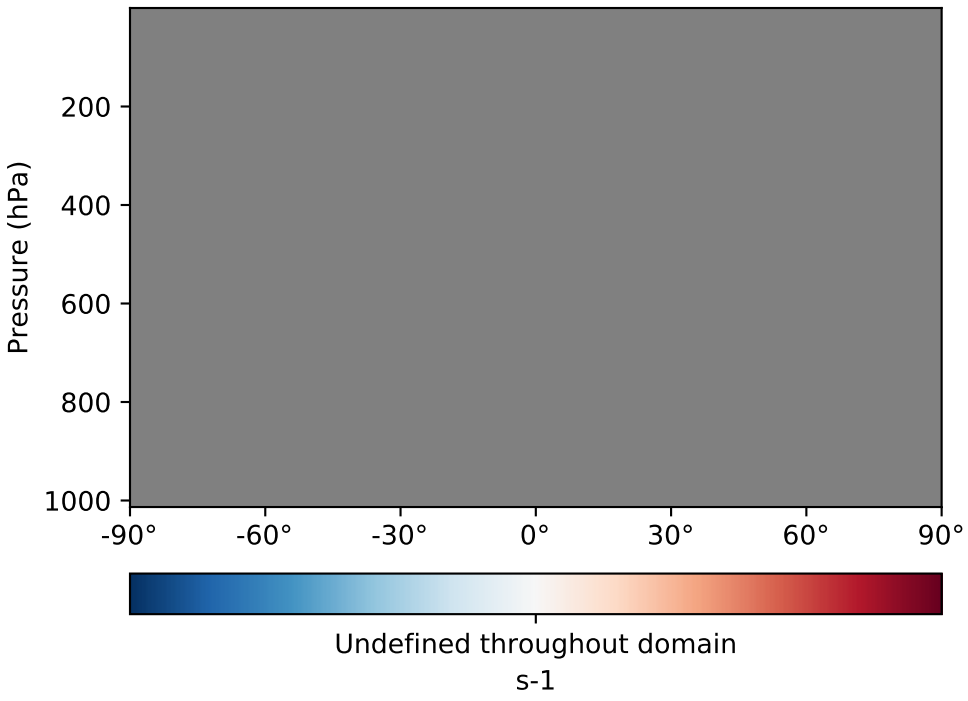


Jval_HPALD2, Zonal Mean (Jan2016)

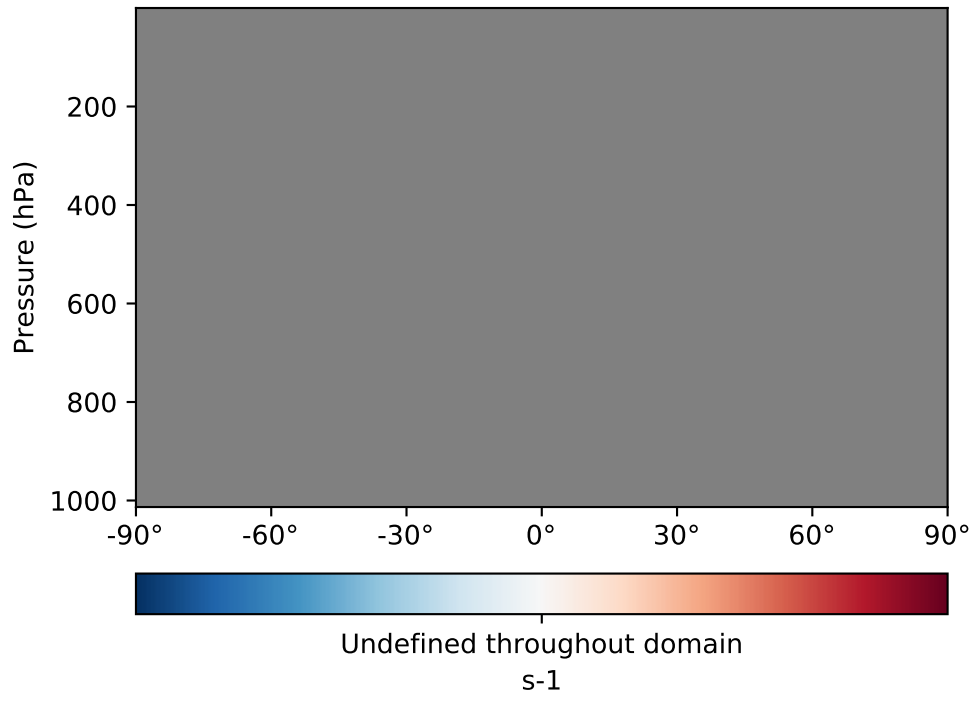
GC_12.6.0 (Ref)
4.0x5.0

GC_12.8.0 (Dev)
4.0x5.0

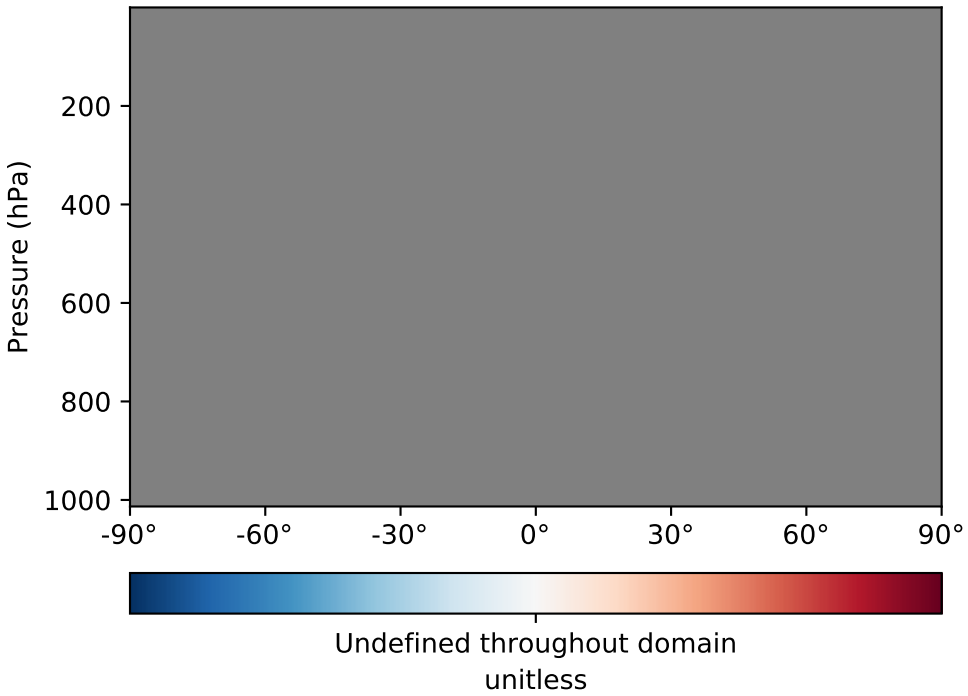
Difference
Dev - Ref, Dynamic Range



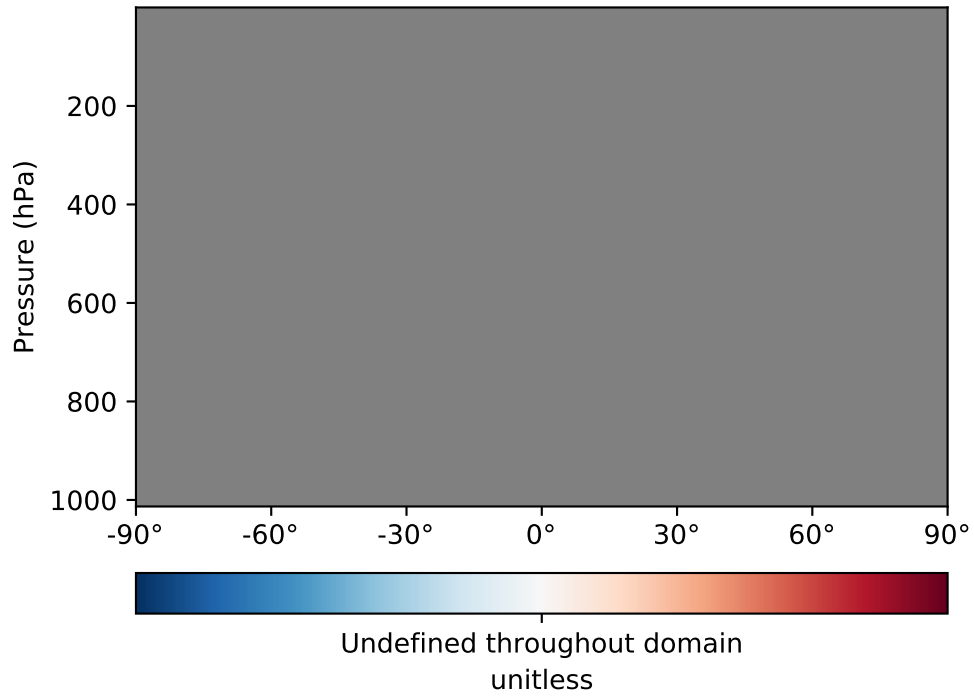
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

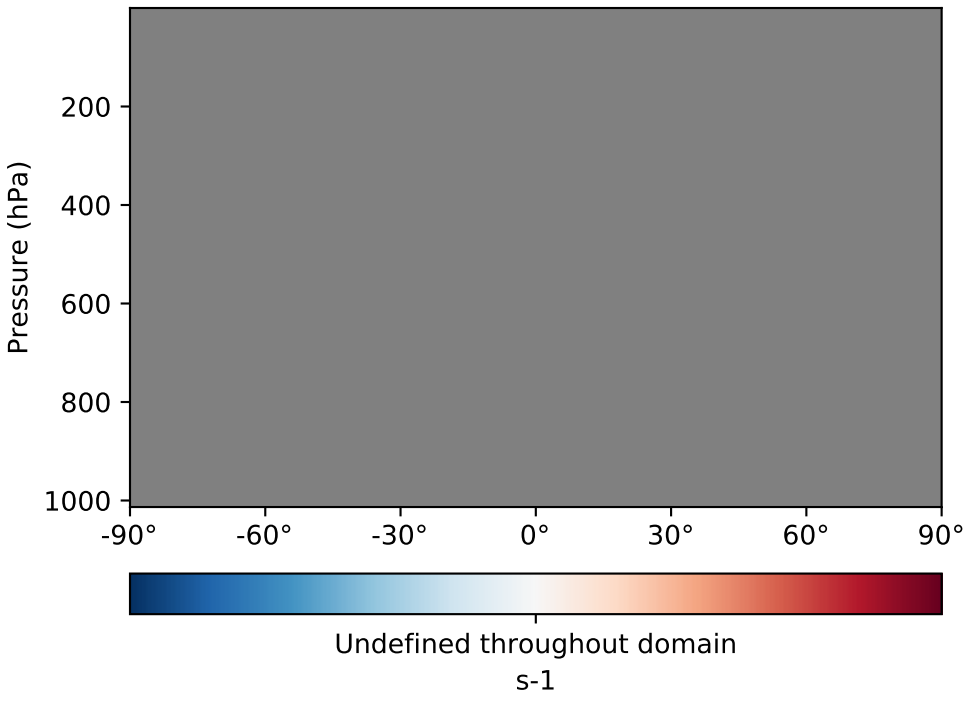


Jval_HPALD3, Zonal Mean (Jan2016)

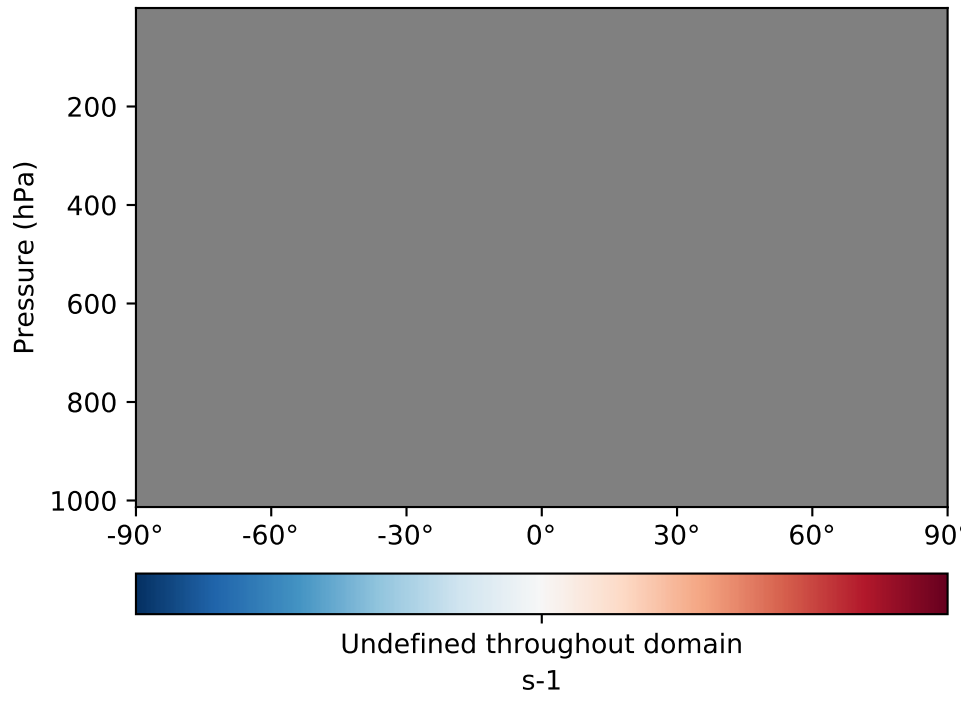
GC_12.6.0 (Ref)
4.0x5.0

GC_12.8.0 (Dev)
4.0x5.0

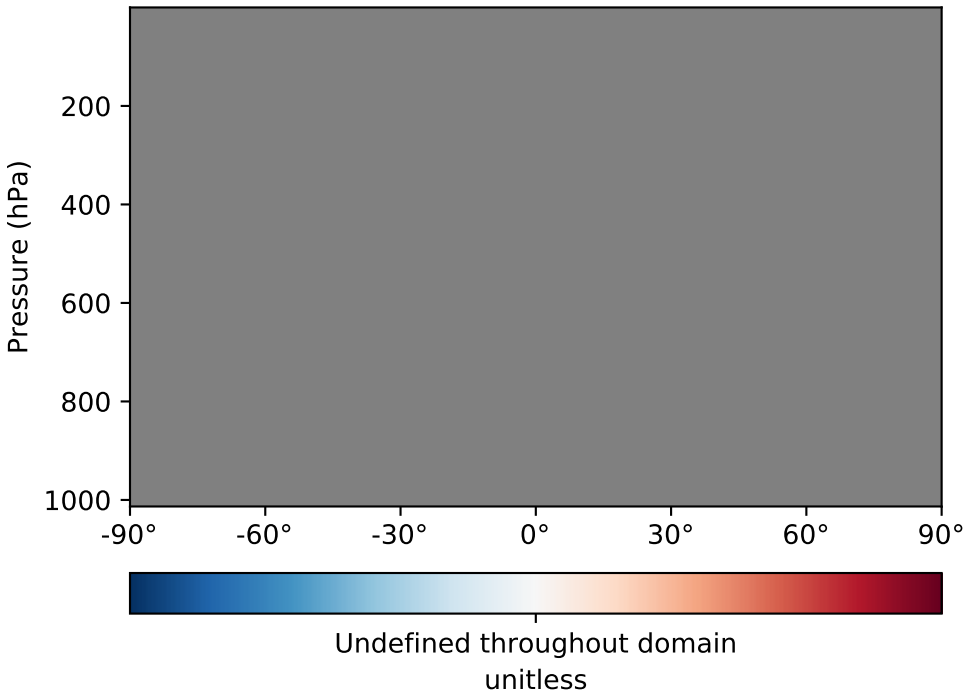
Difference
Dev - Ref, Dynamic Range



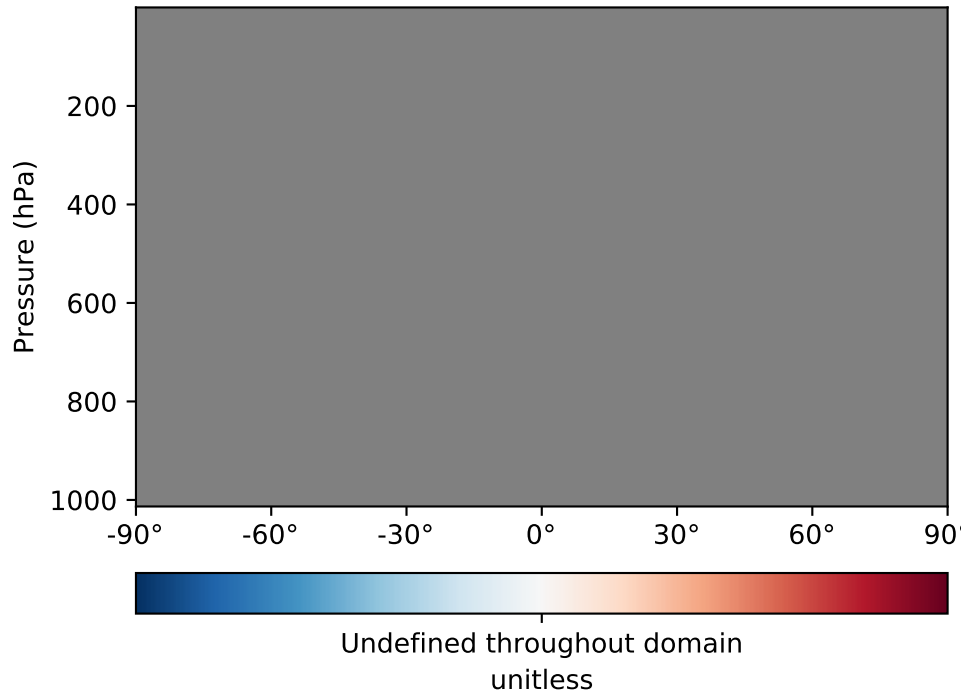
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

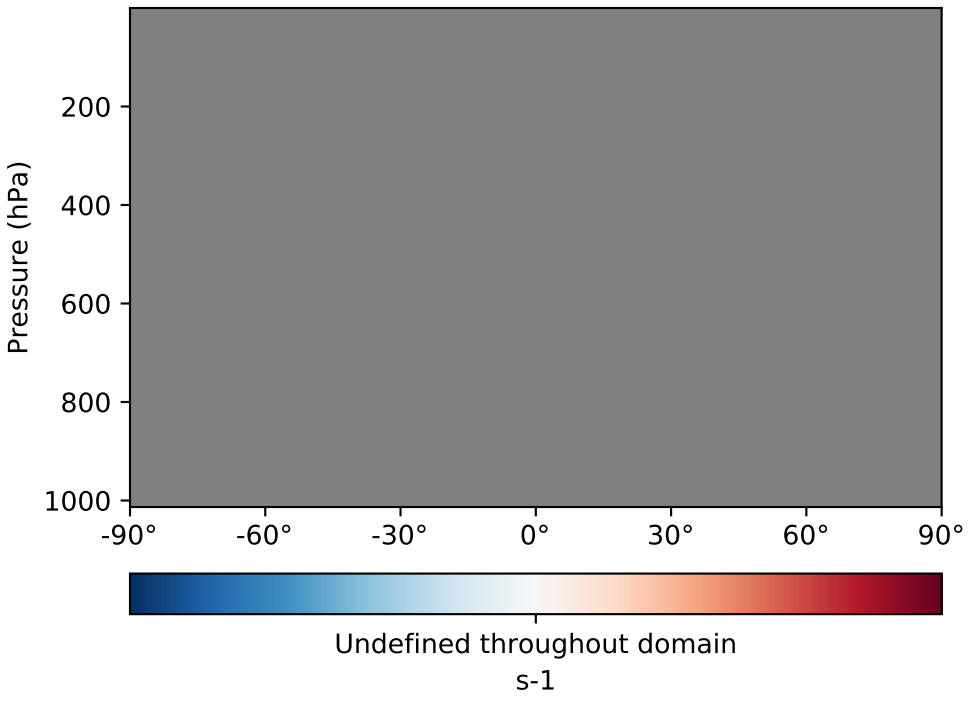


Jval_HPALD4, Zonal Mean (Jan2016)

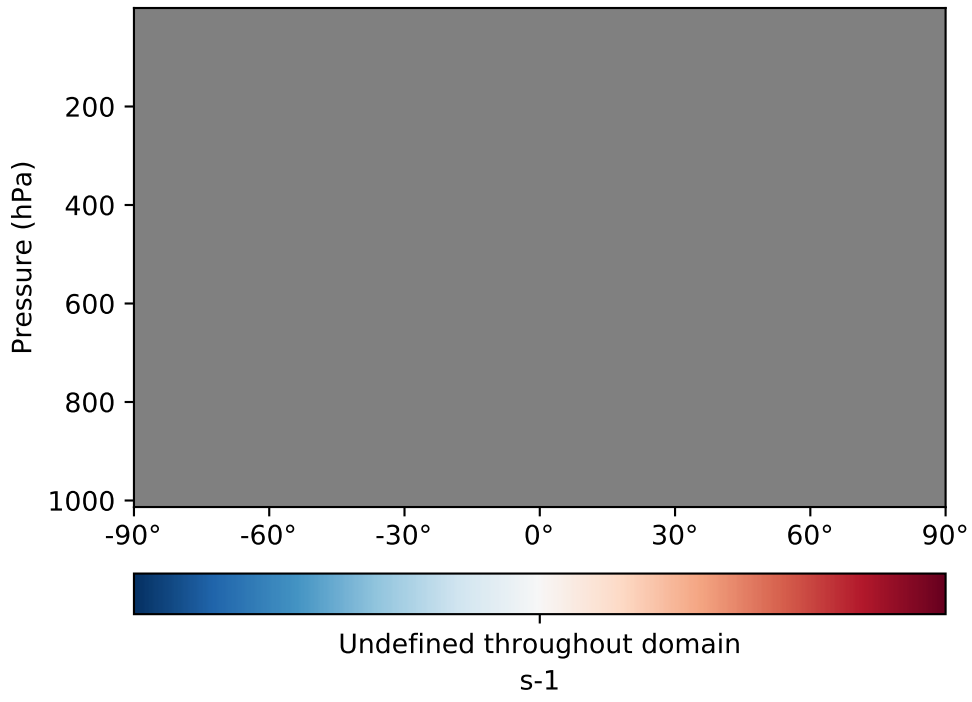
GC_12.6.0 (Ref)
4.0x5.0

GC_12.8.0 (Dev)
4.0x5.0

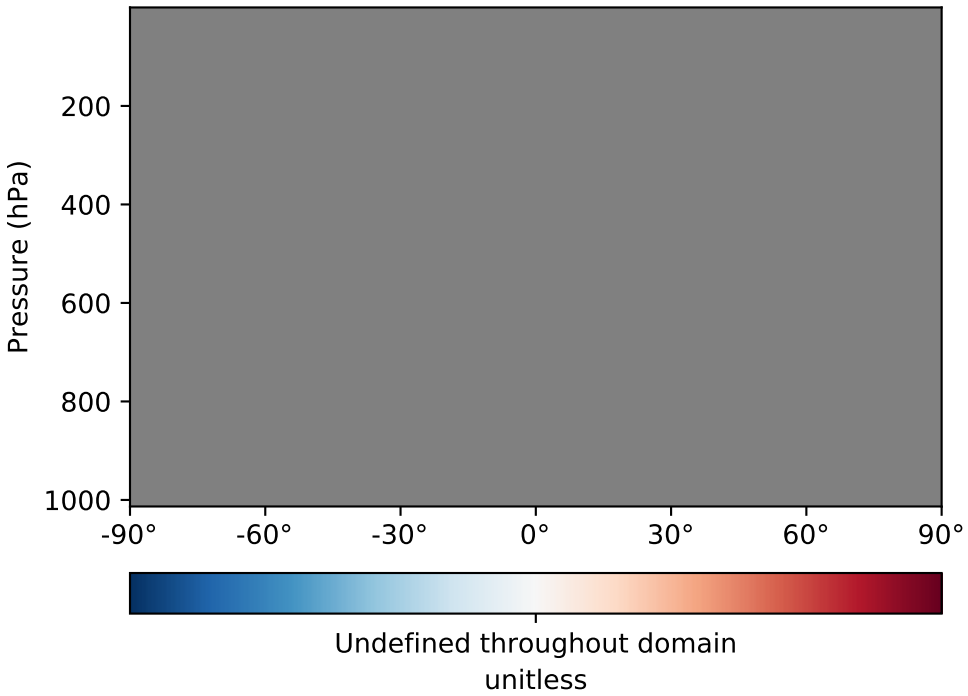
Difference
Dev - Ref, Dynamic Range



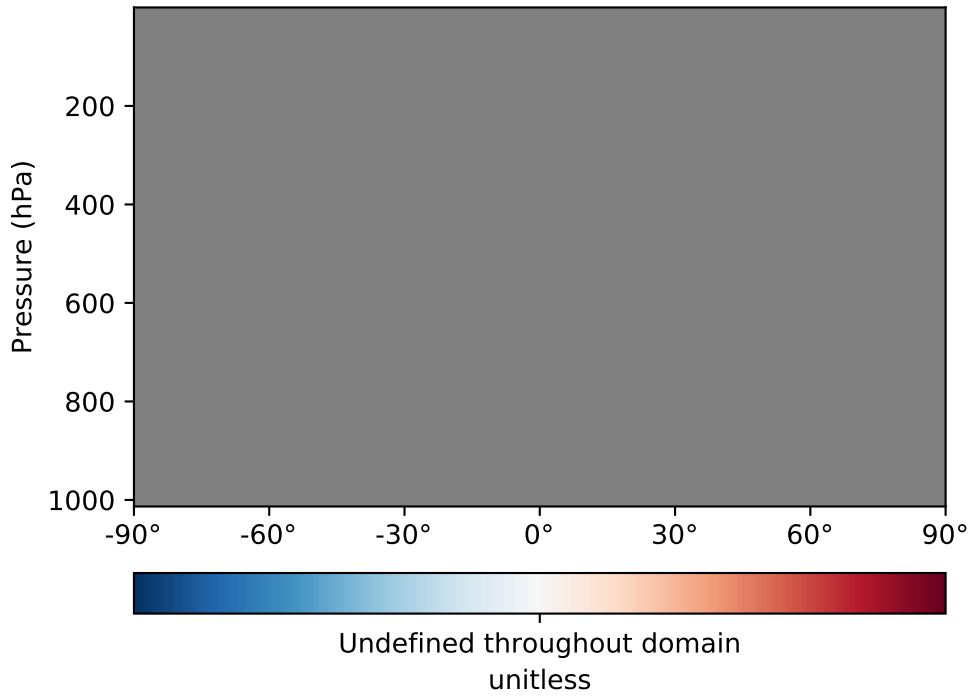
Difference
Dev - Ref, Restricted Range [5%,95%]



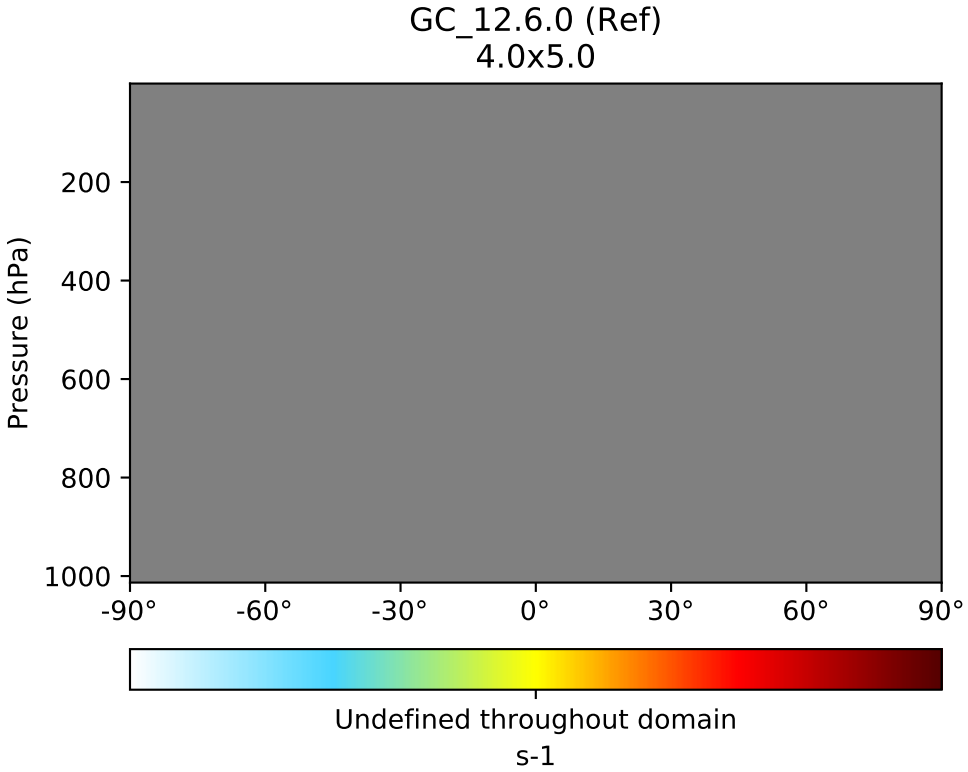
Ratio
Dev/Ref, Dynamic Range

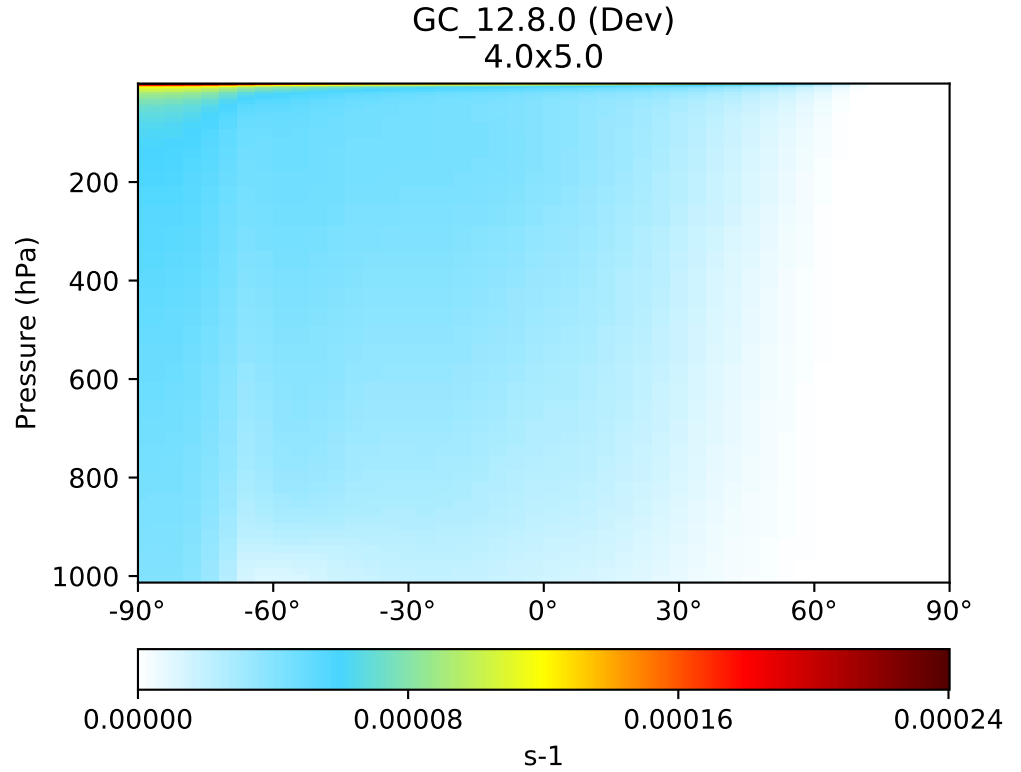


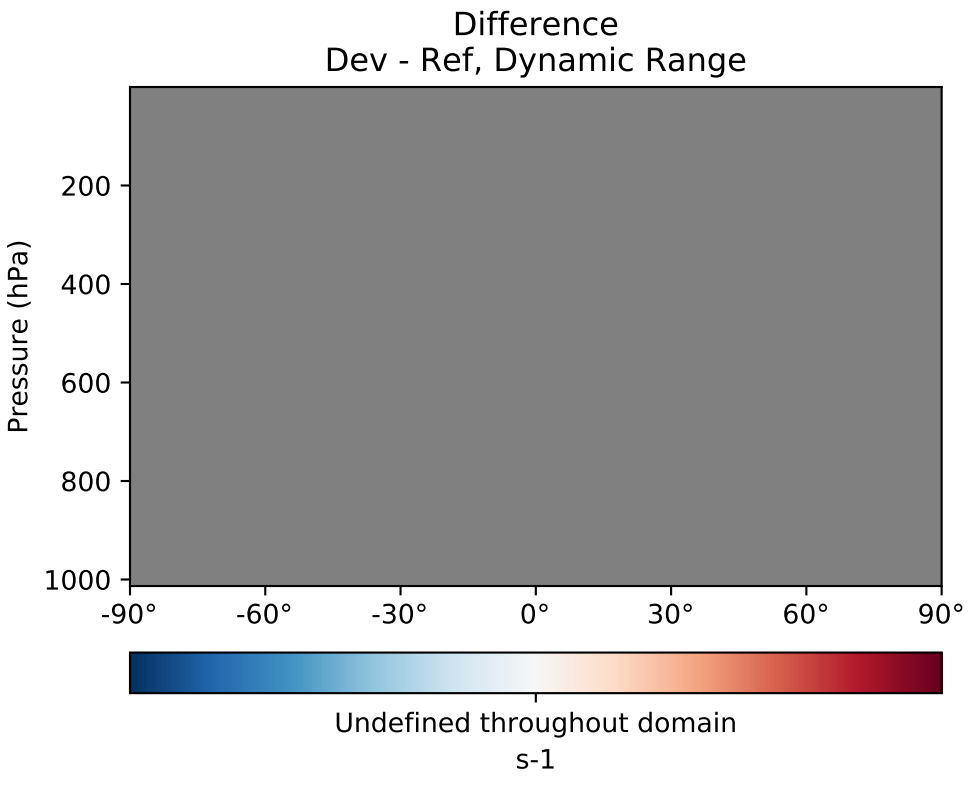
Ratio
Dev/Ref, Fixed Range

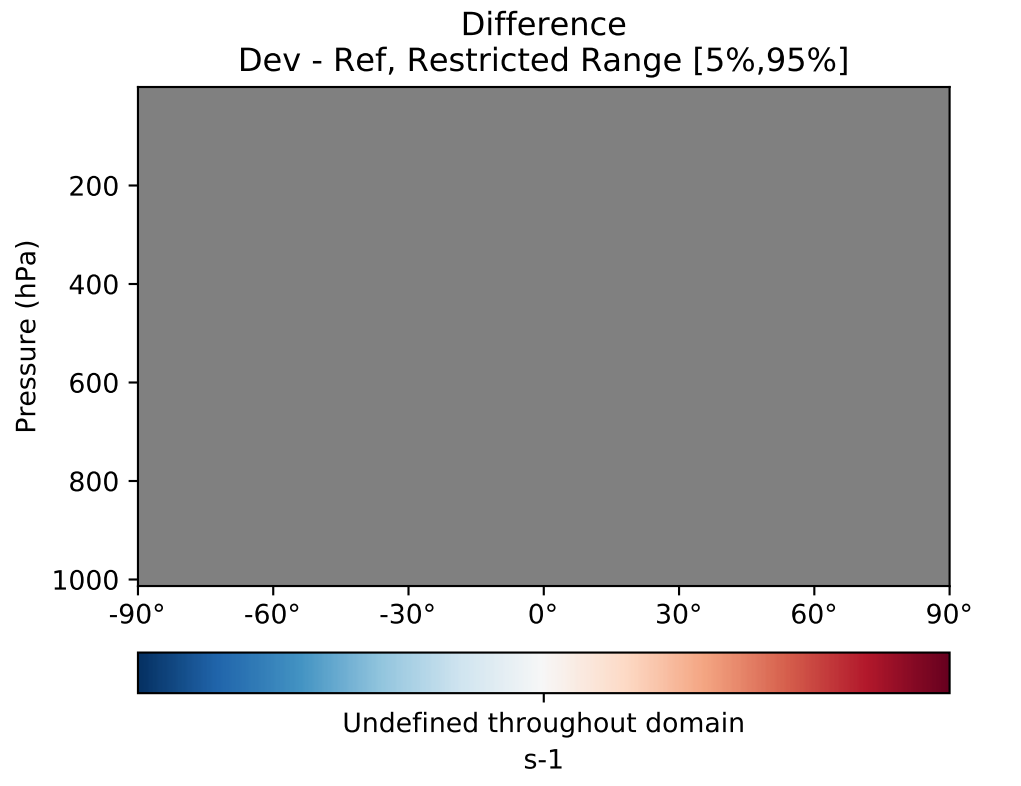


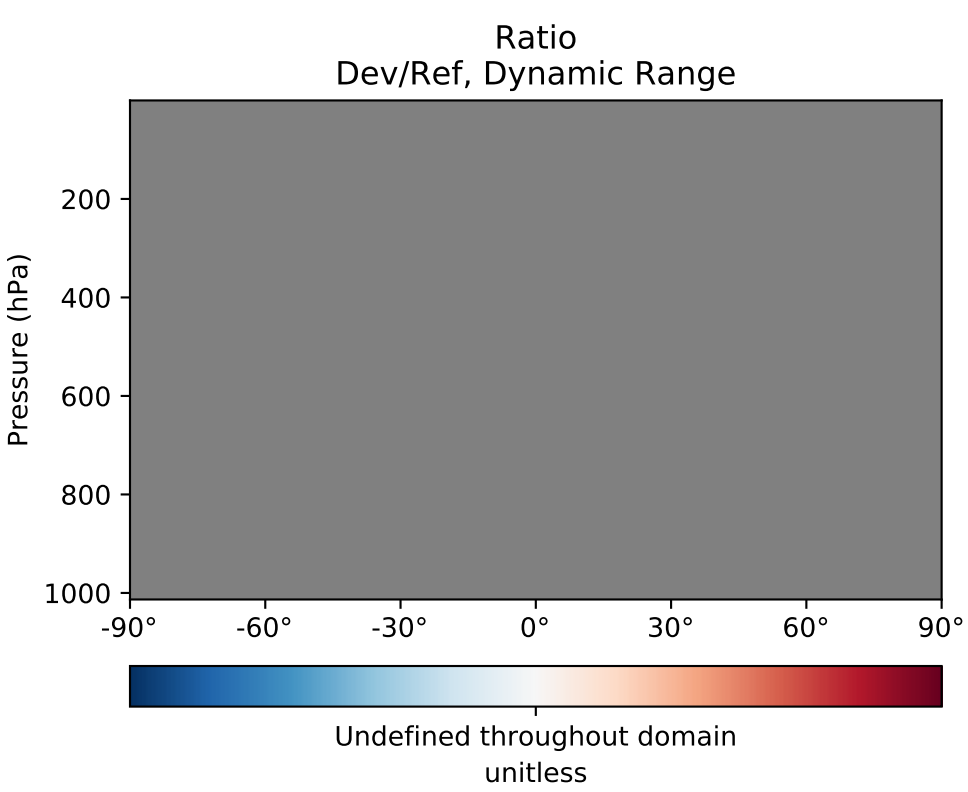
Jval_HPETHNL, Zonal Mean (Jan2016)

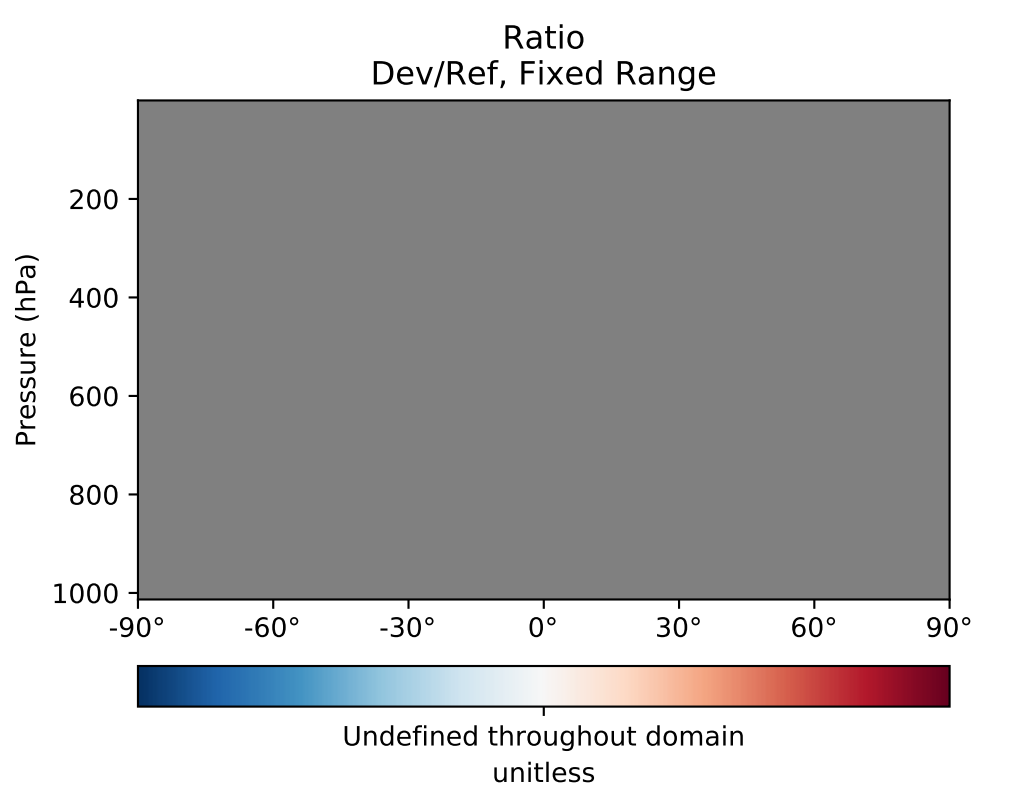




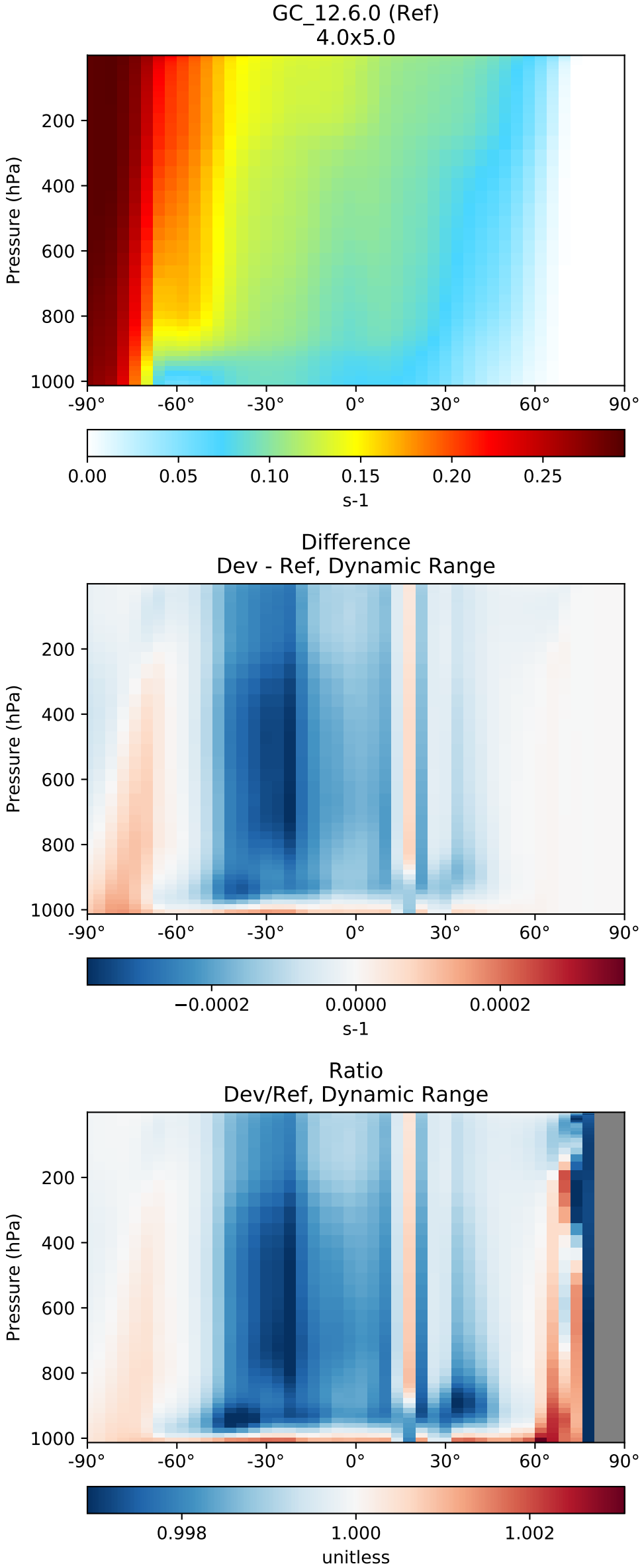


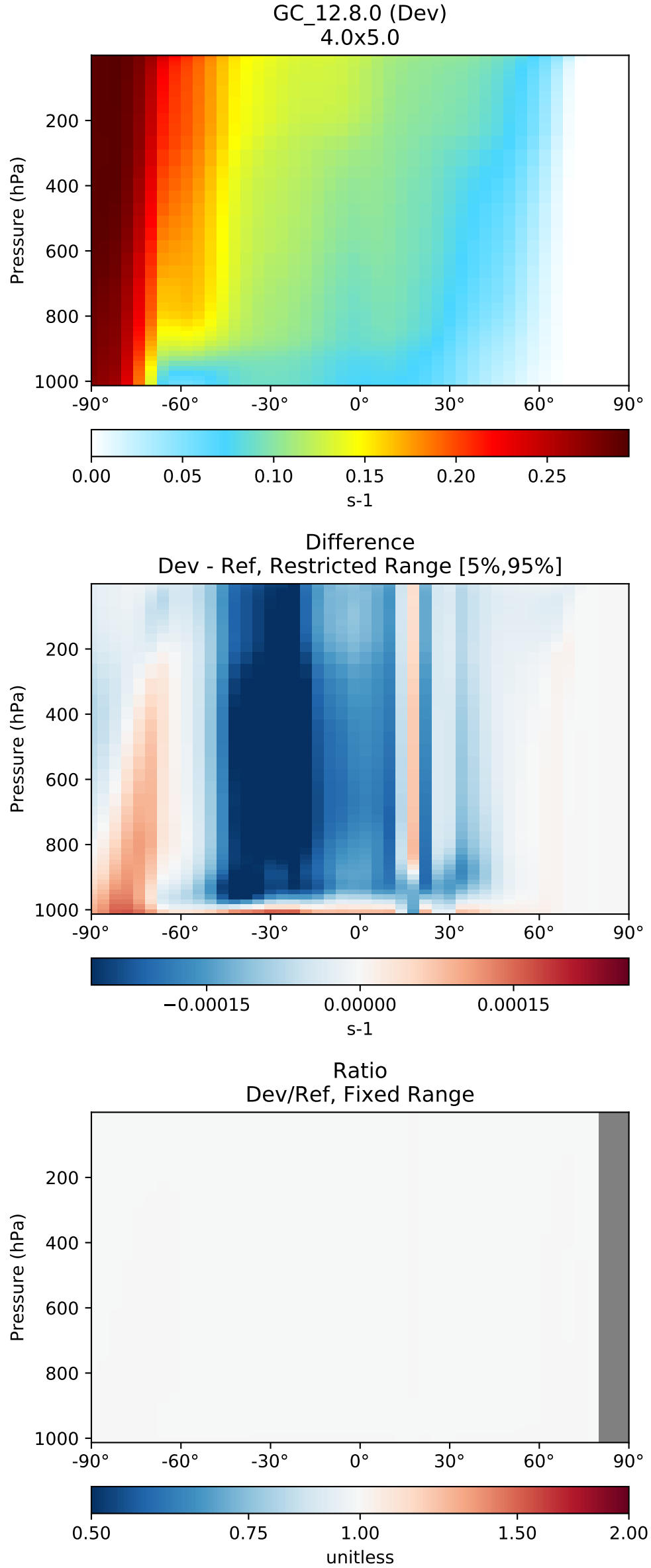




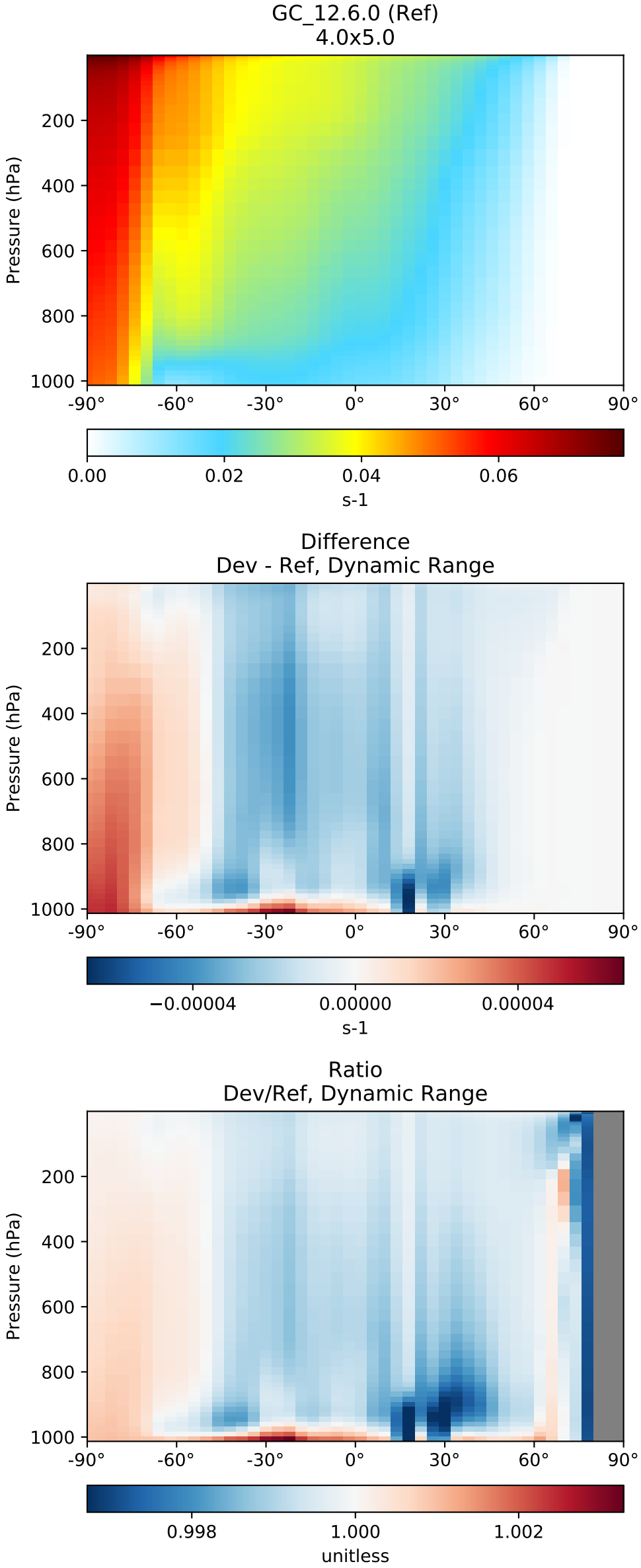


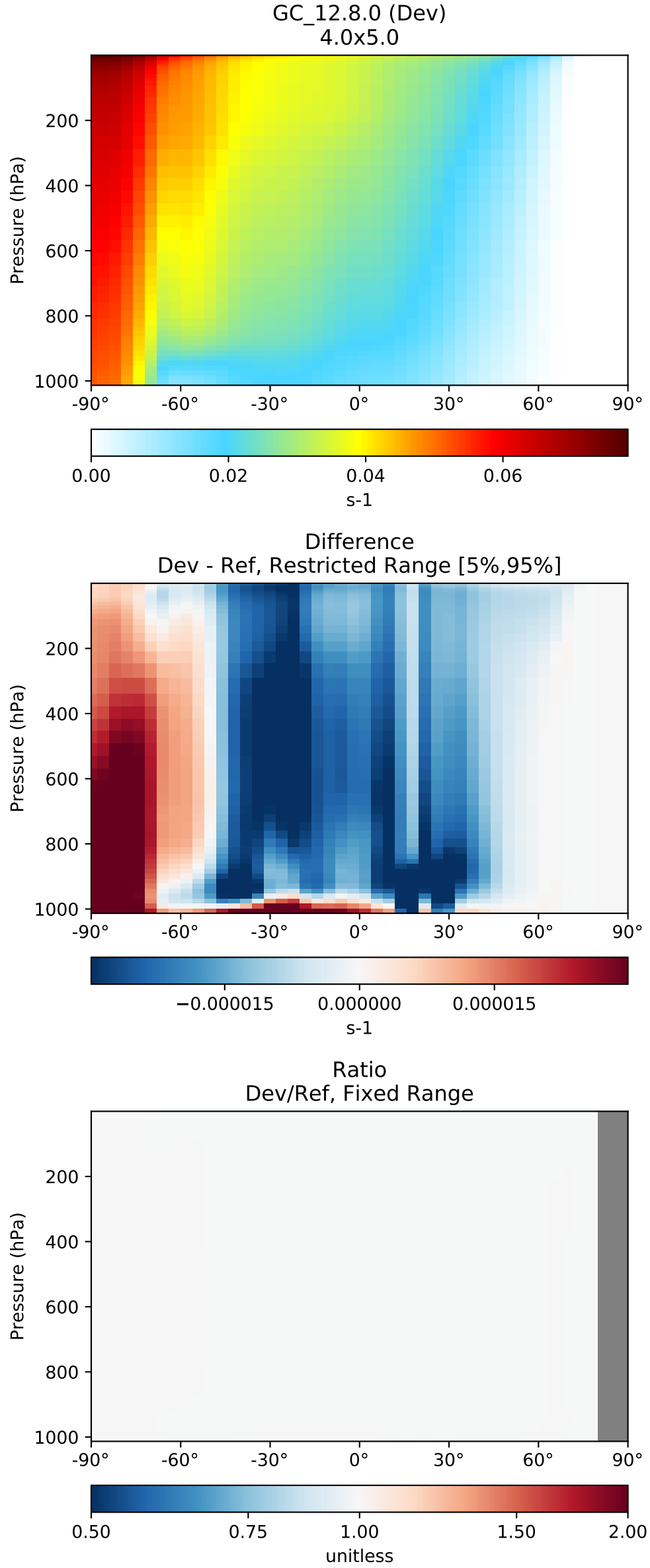
Jval_I2, Zonal Mean (Jan2016)



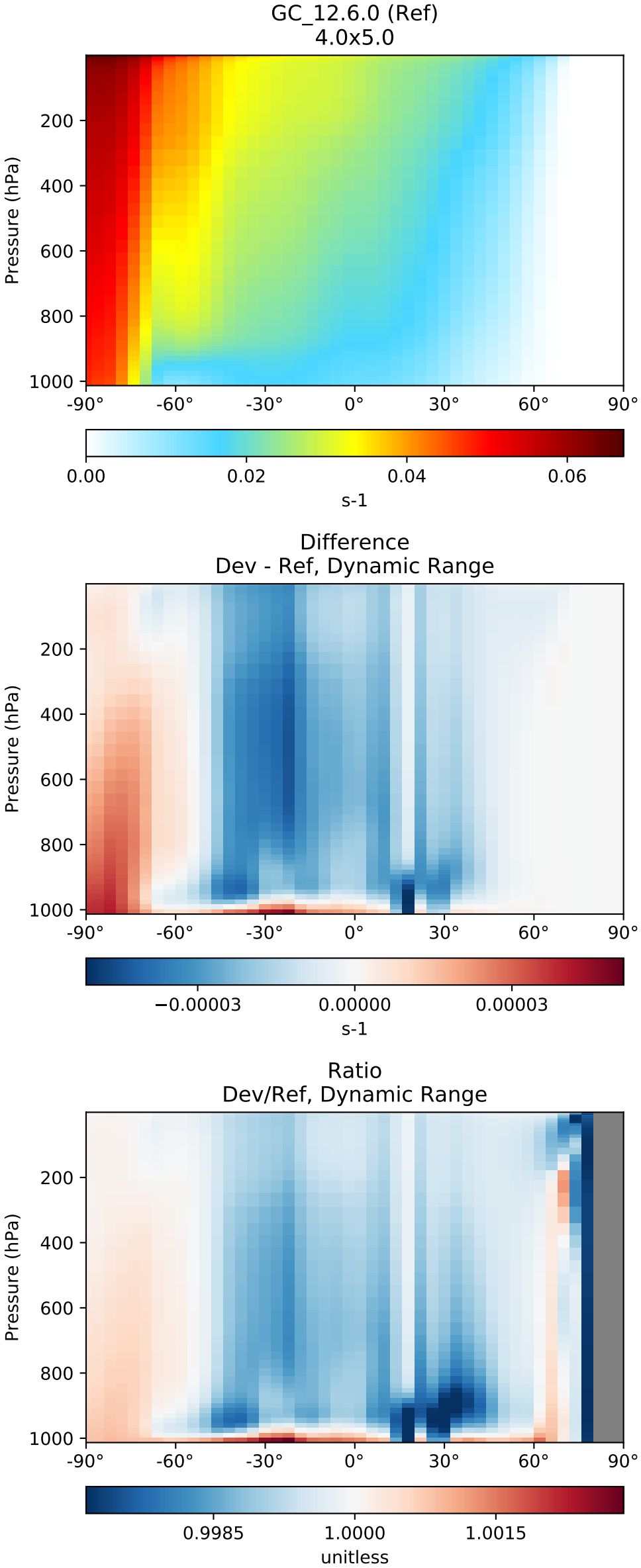


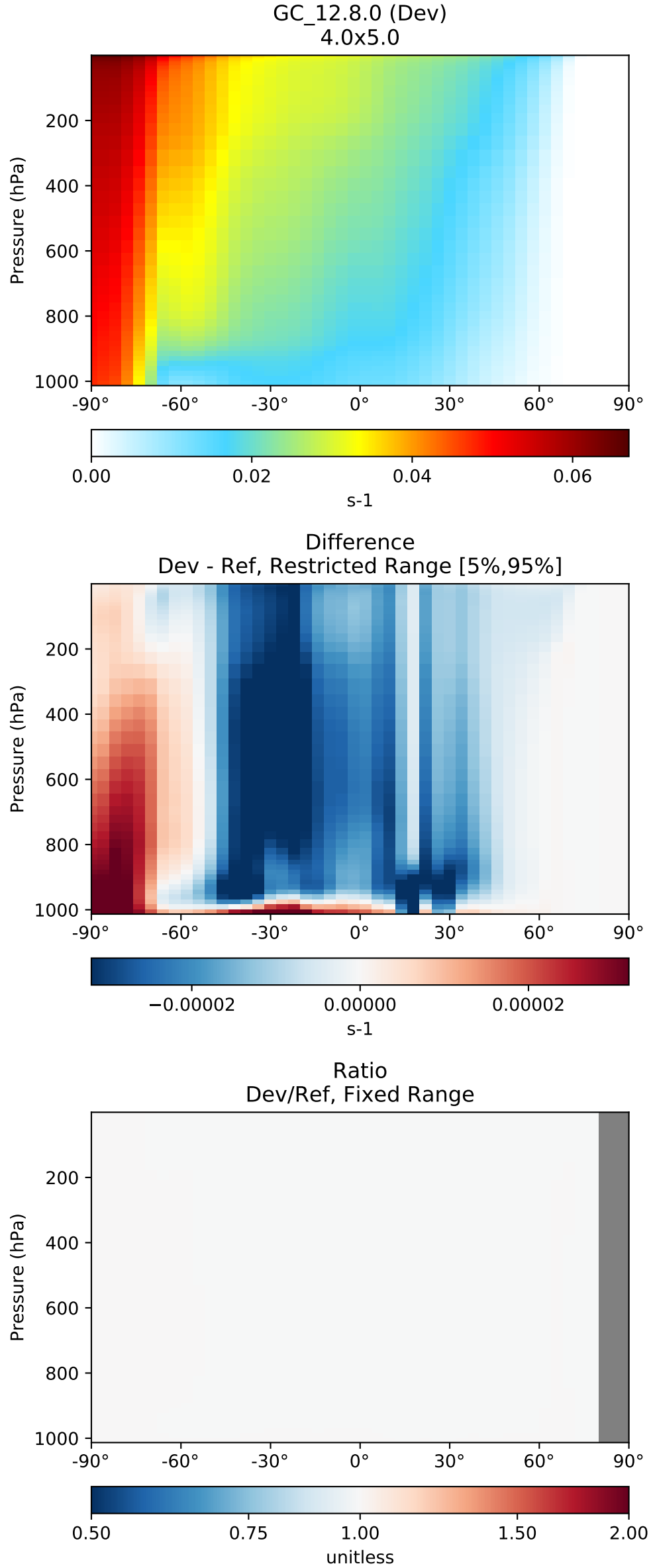
Jval_I2O2, Zonal Mean (Jan2016)



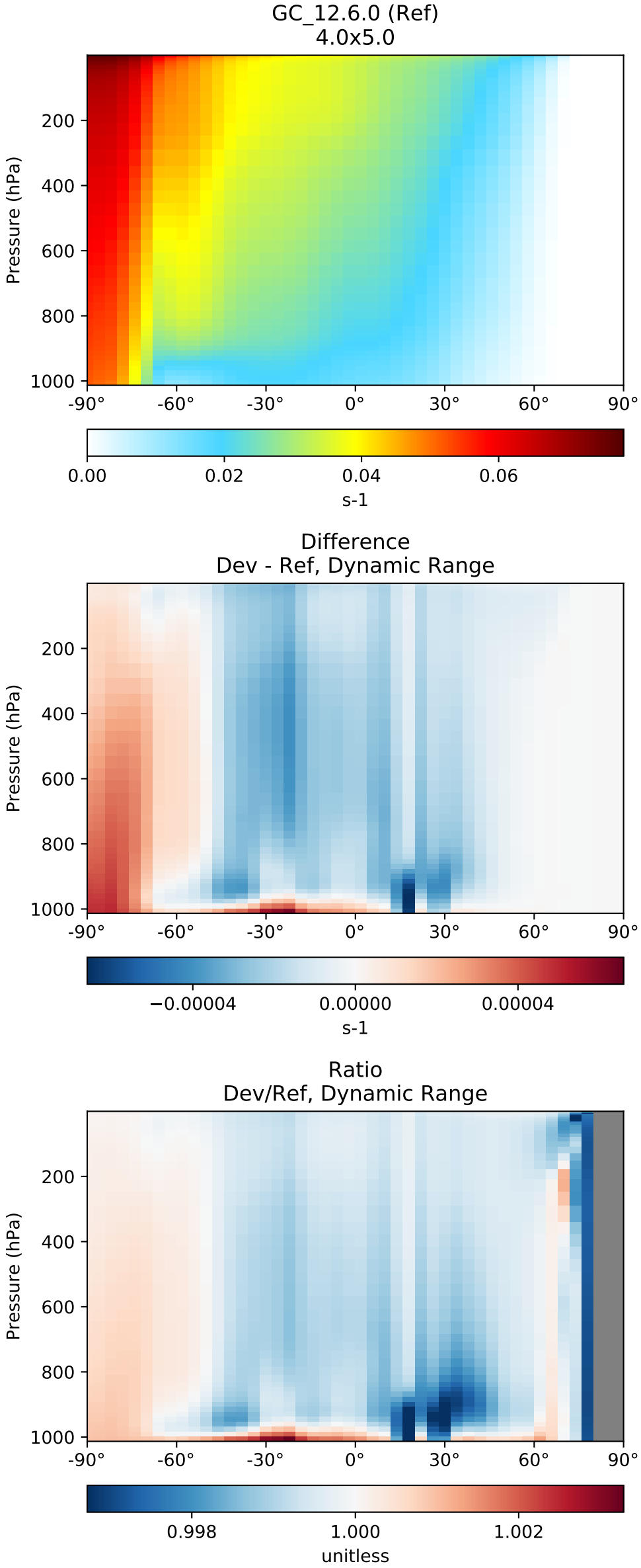


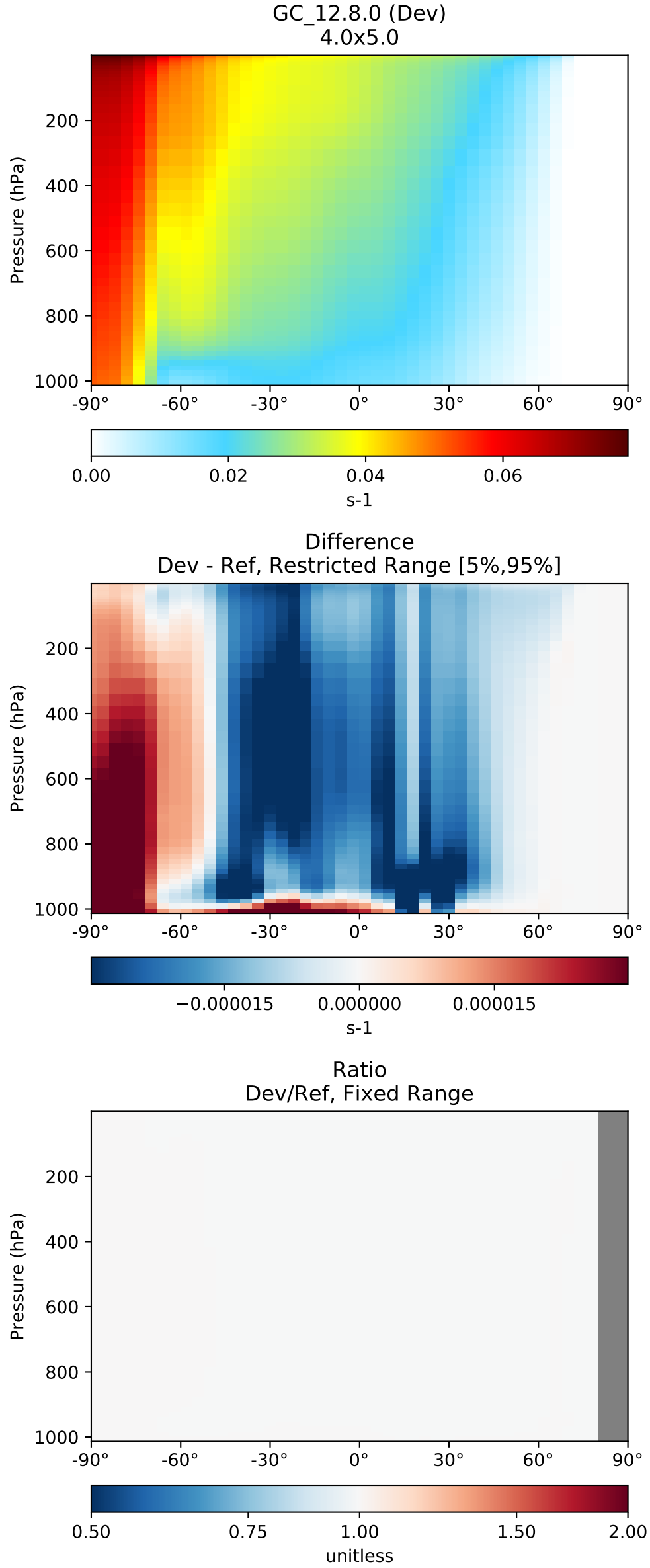
Jval_I2O3, Zonal Mean (Jan2016)





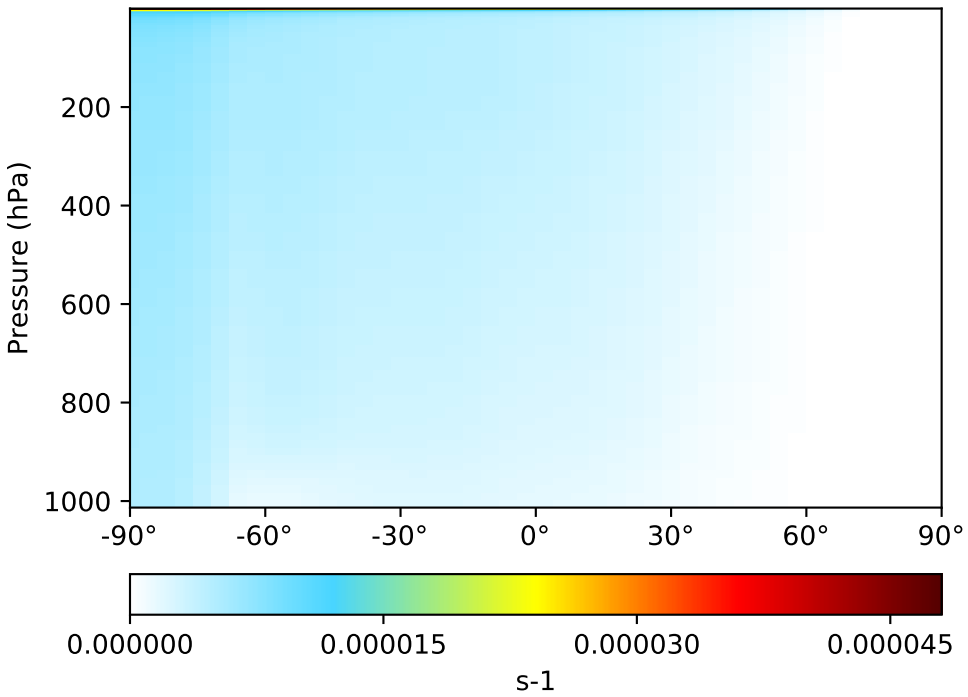
Jval_I2O4, Zonal Mean (Jan2016)



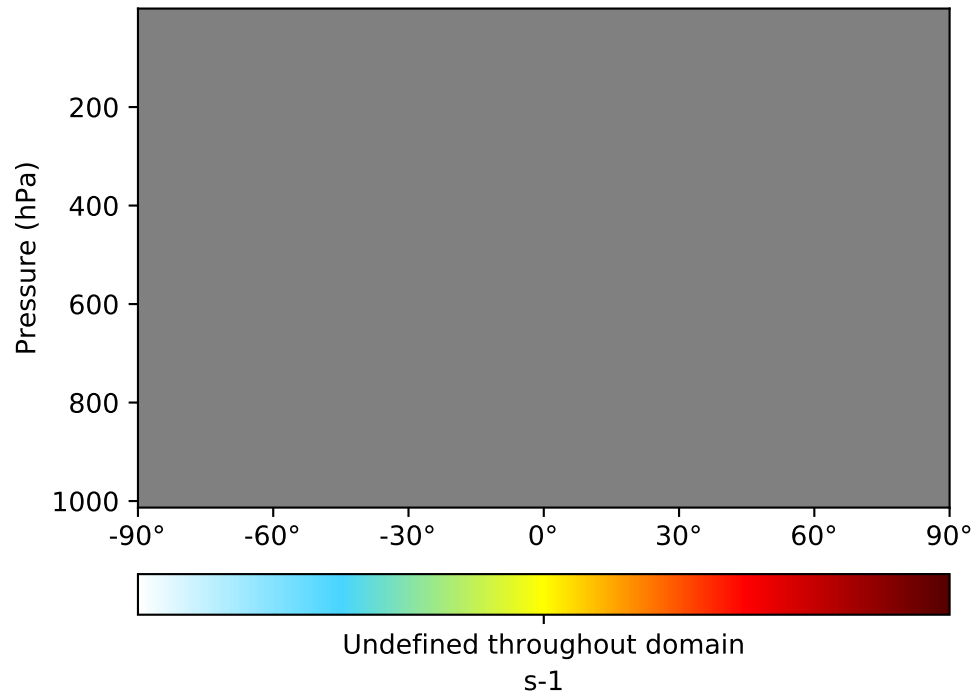


Jval_IAP, Zonal Mean (Jan2016)

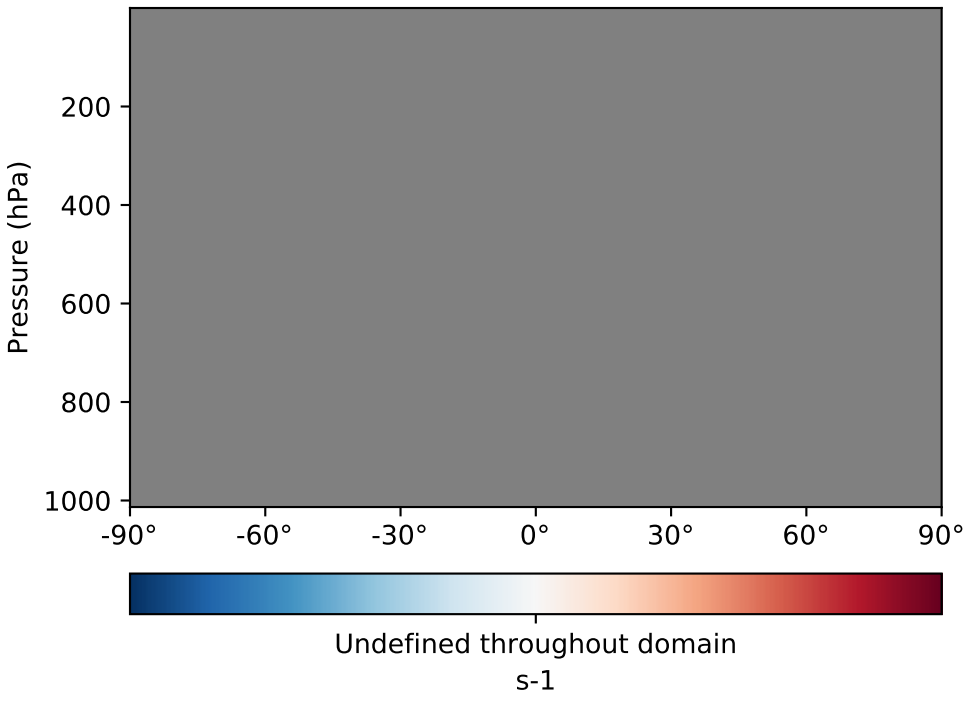
GC_12.6.0 (Ref)
4.0x5.0



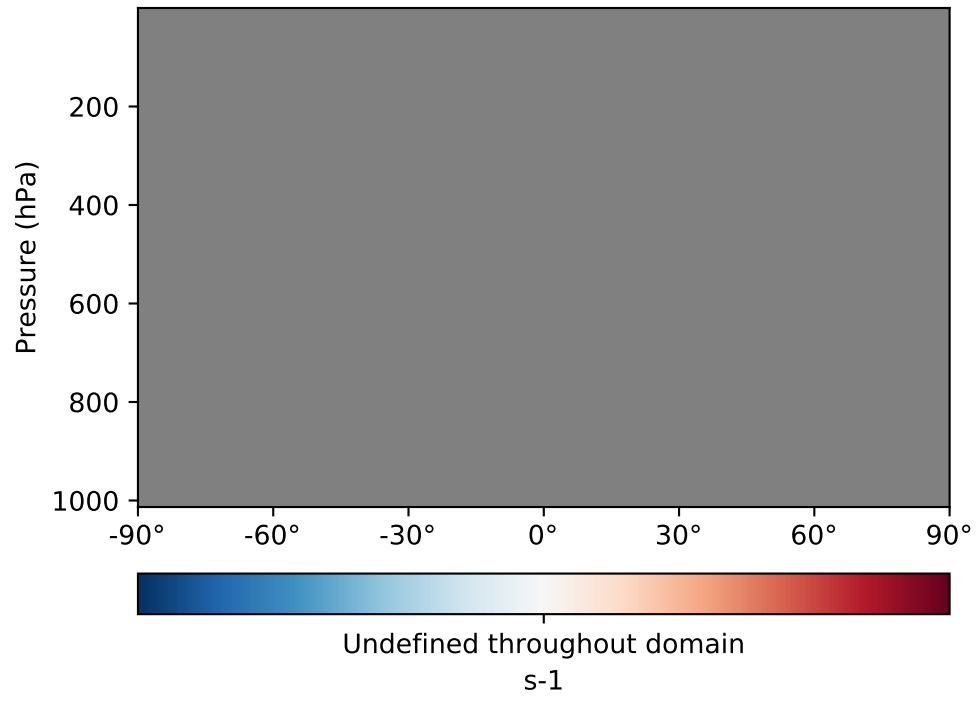
GC_12.8.0 (Dev)
4.0x5.0



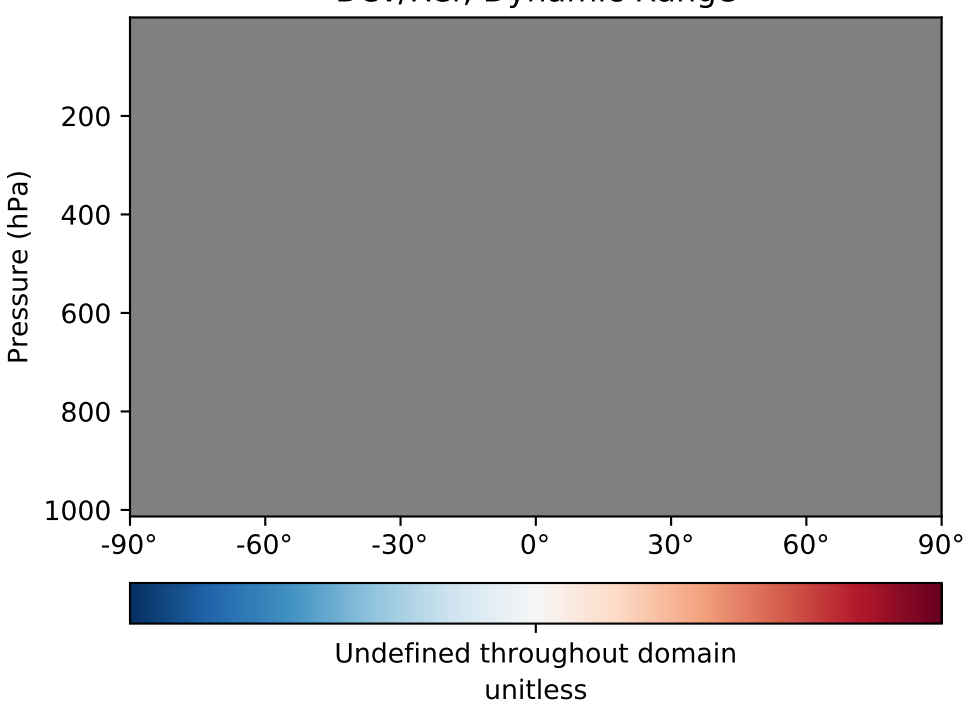
Difference
Dev - Ref, Dynamic Range



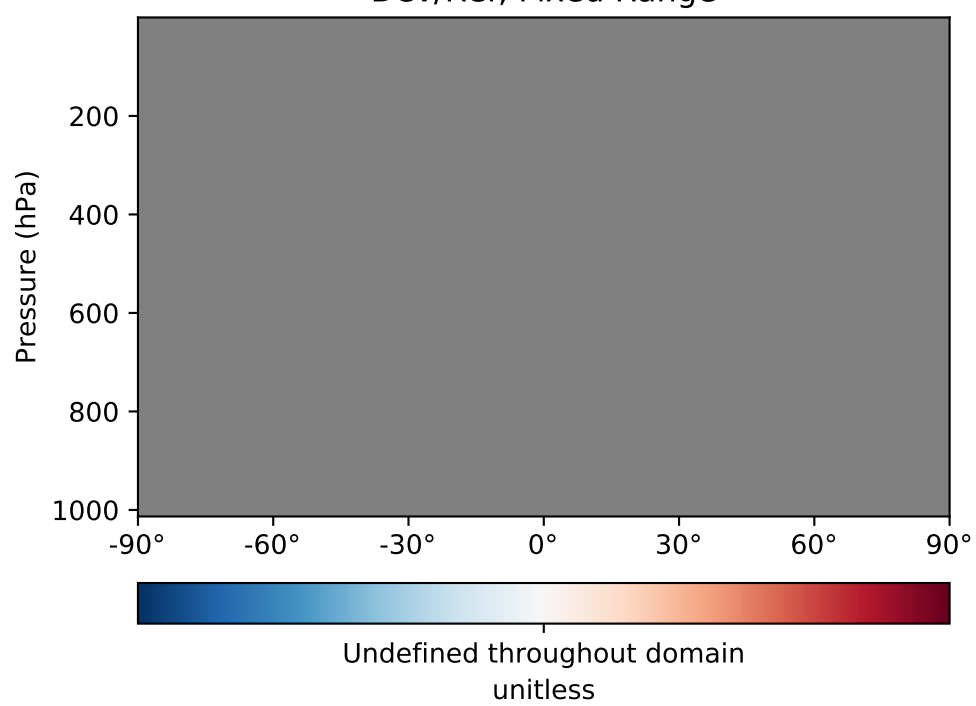
Difference
Dev - Ref, Restricted Range [5%,95%]



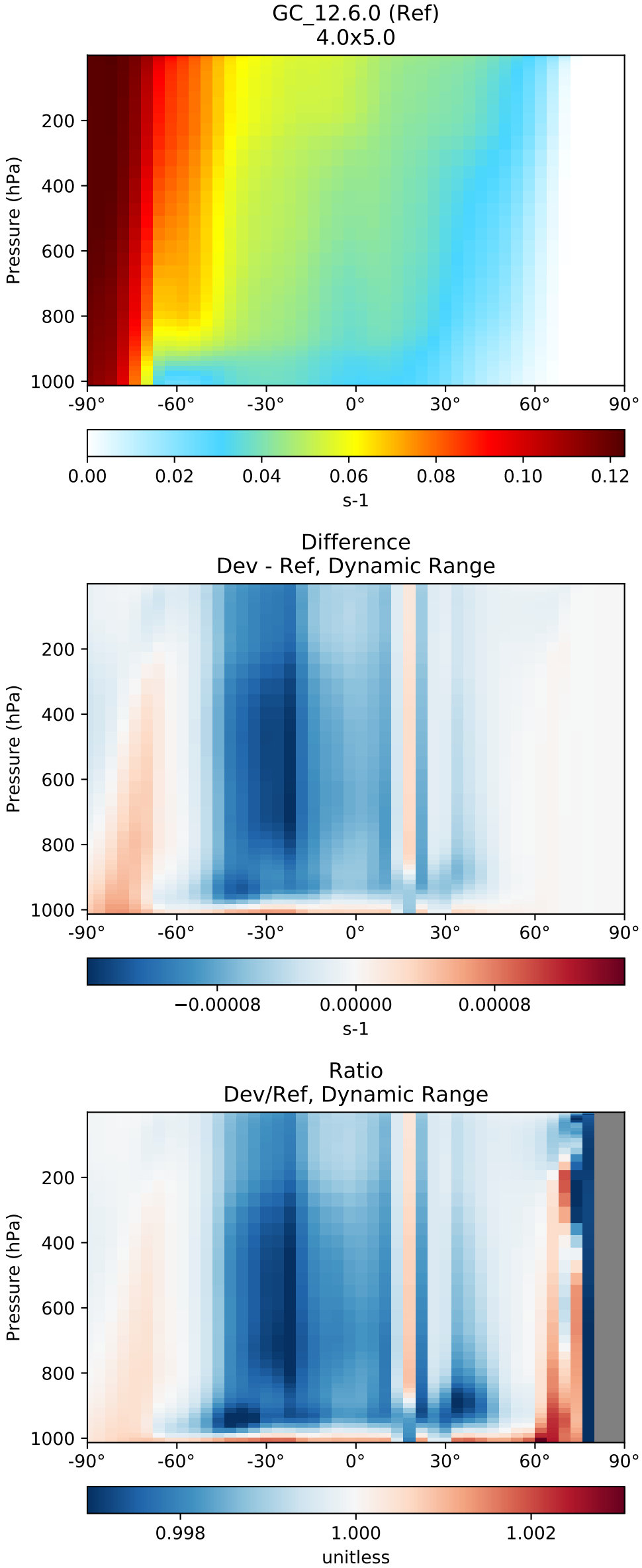
Ratio
Dev/Ref, Dynamic Range

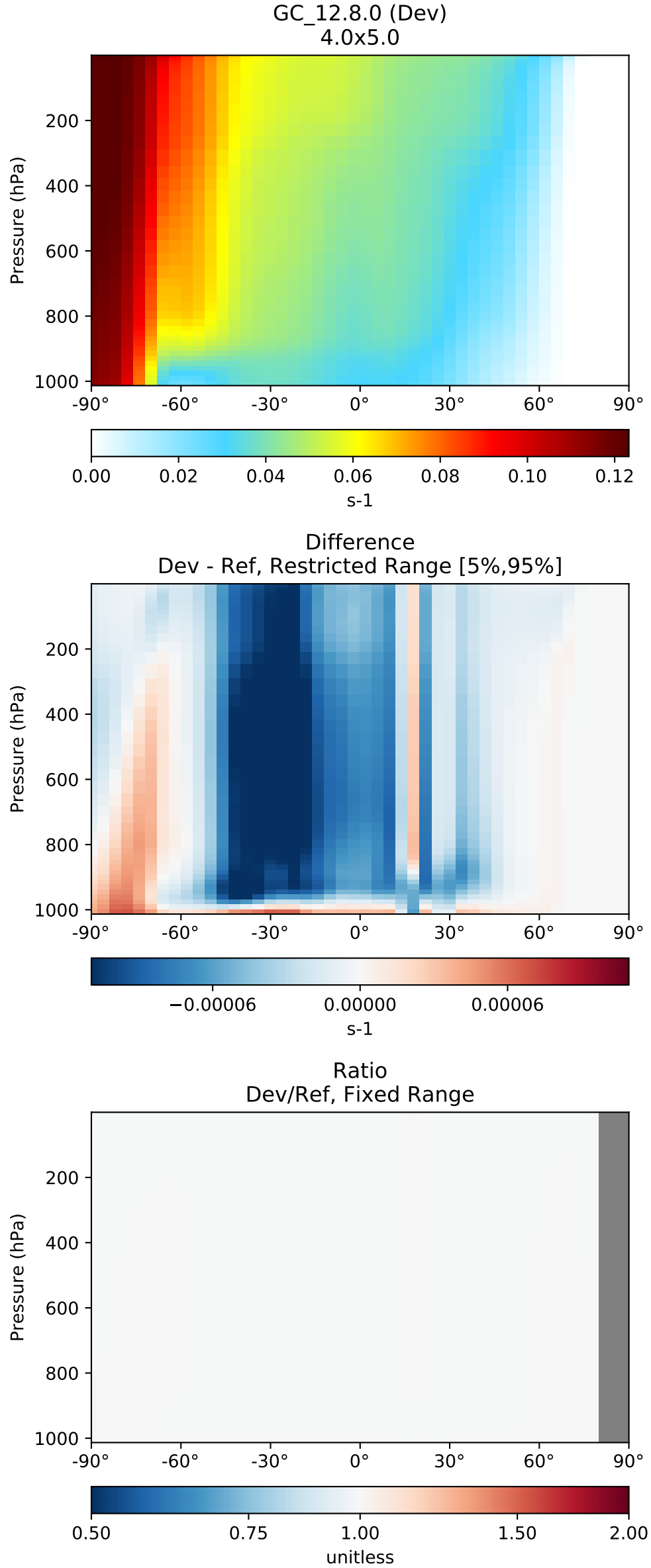


Ratio
Dev/Ref, Fixed Range

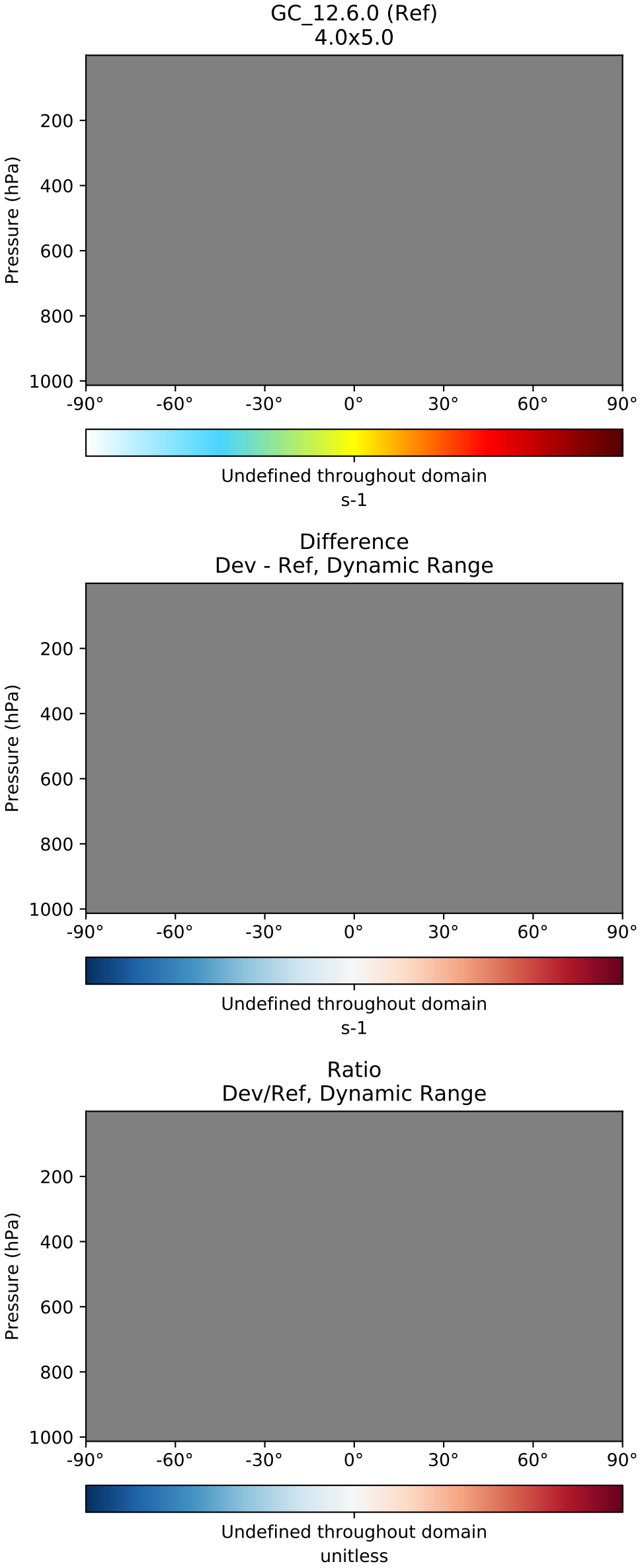


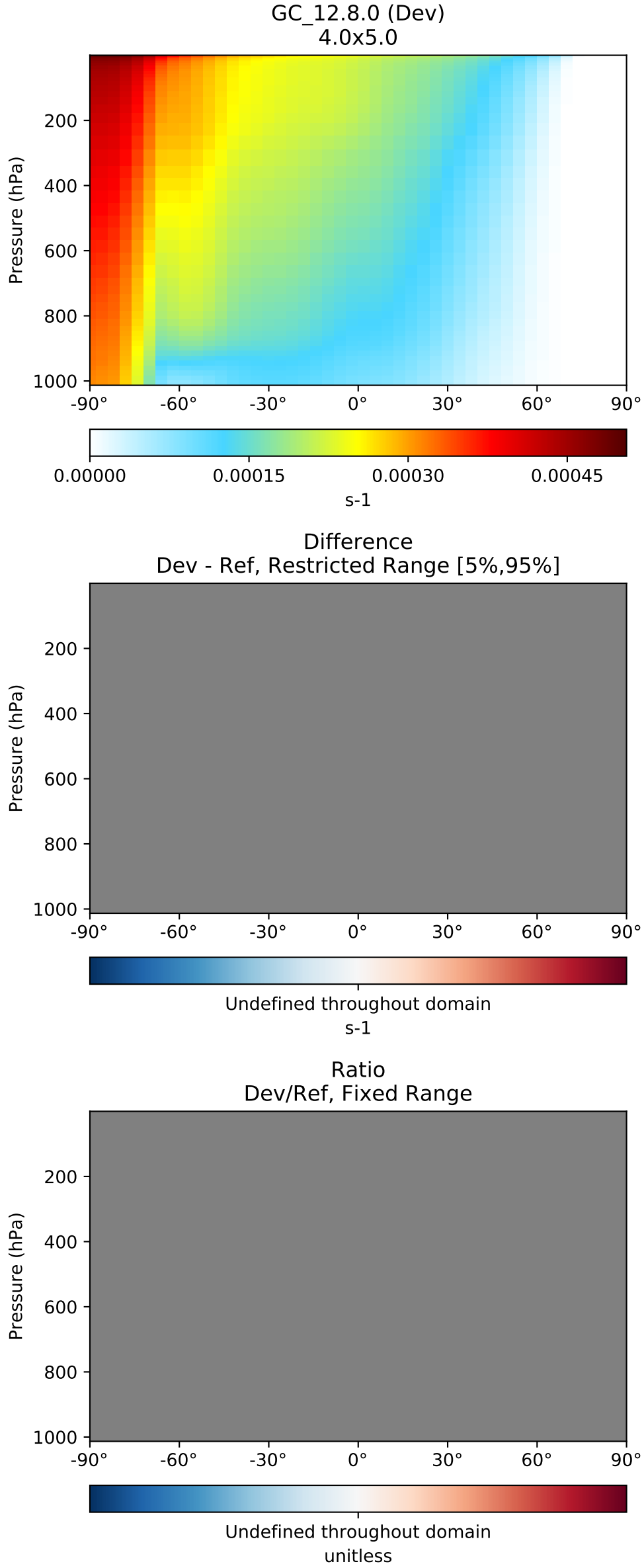
Jval_IBr, Zonal Mean (Jan2016)



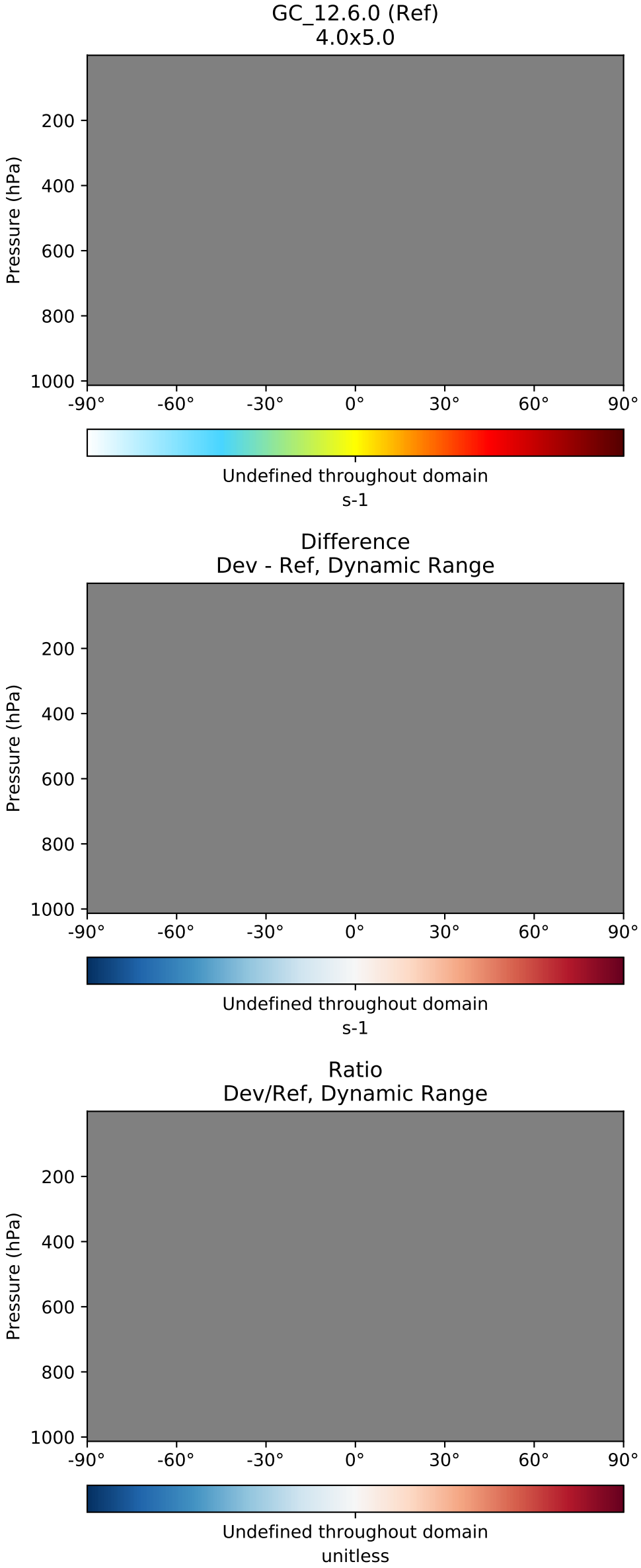


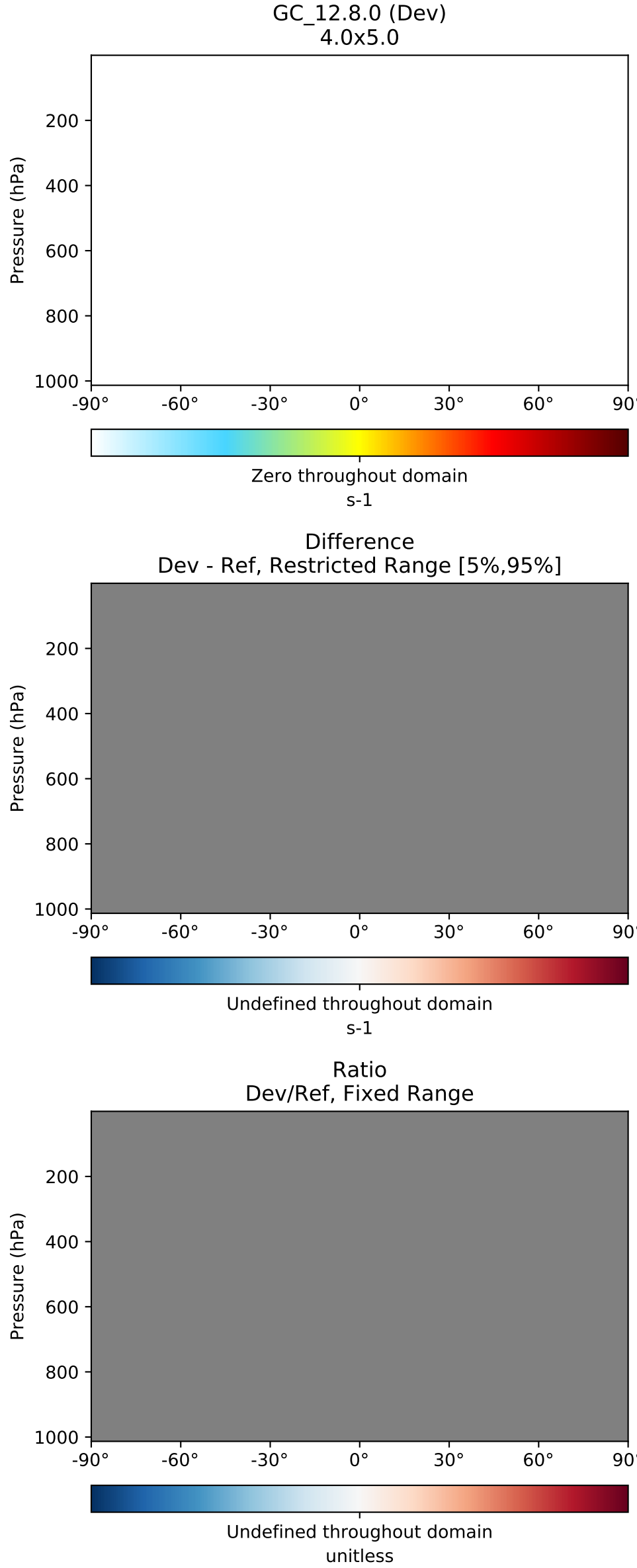
Jval_ICN, Zonal Mean (Jan2016)



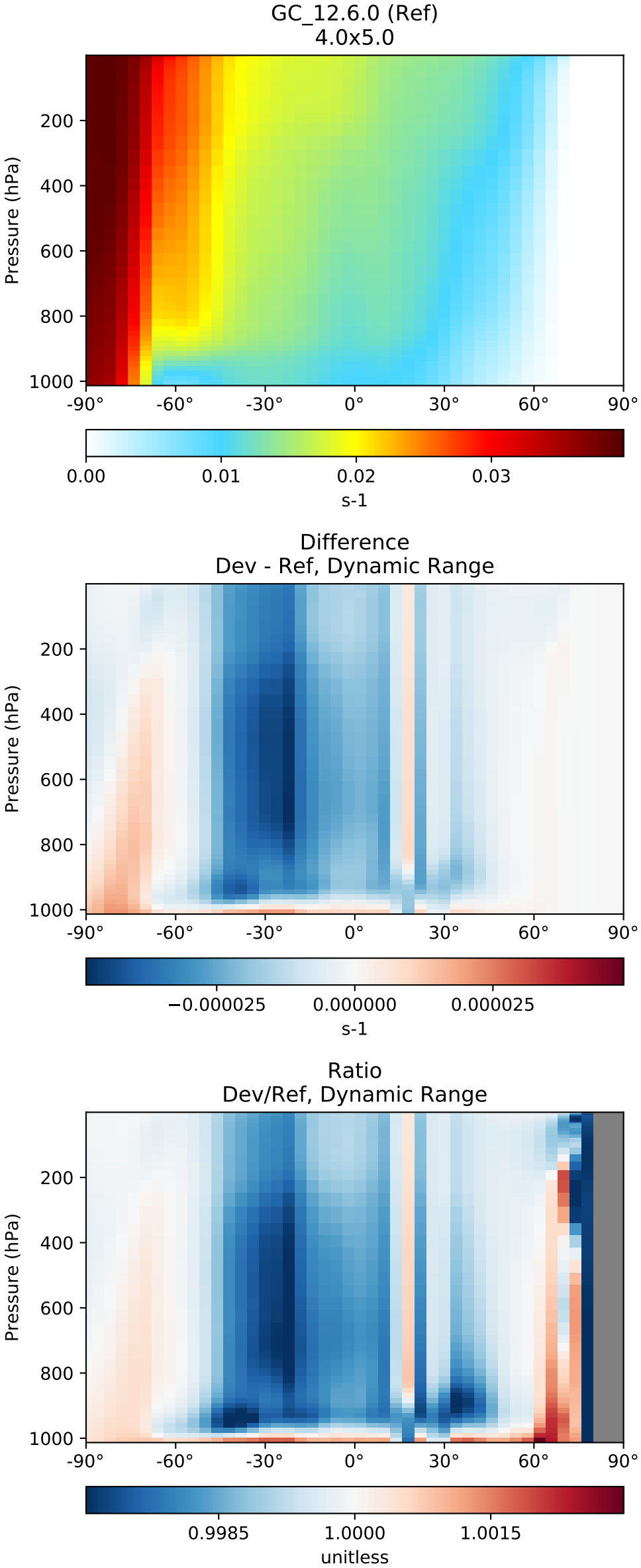


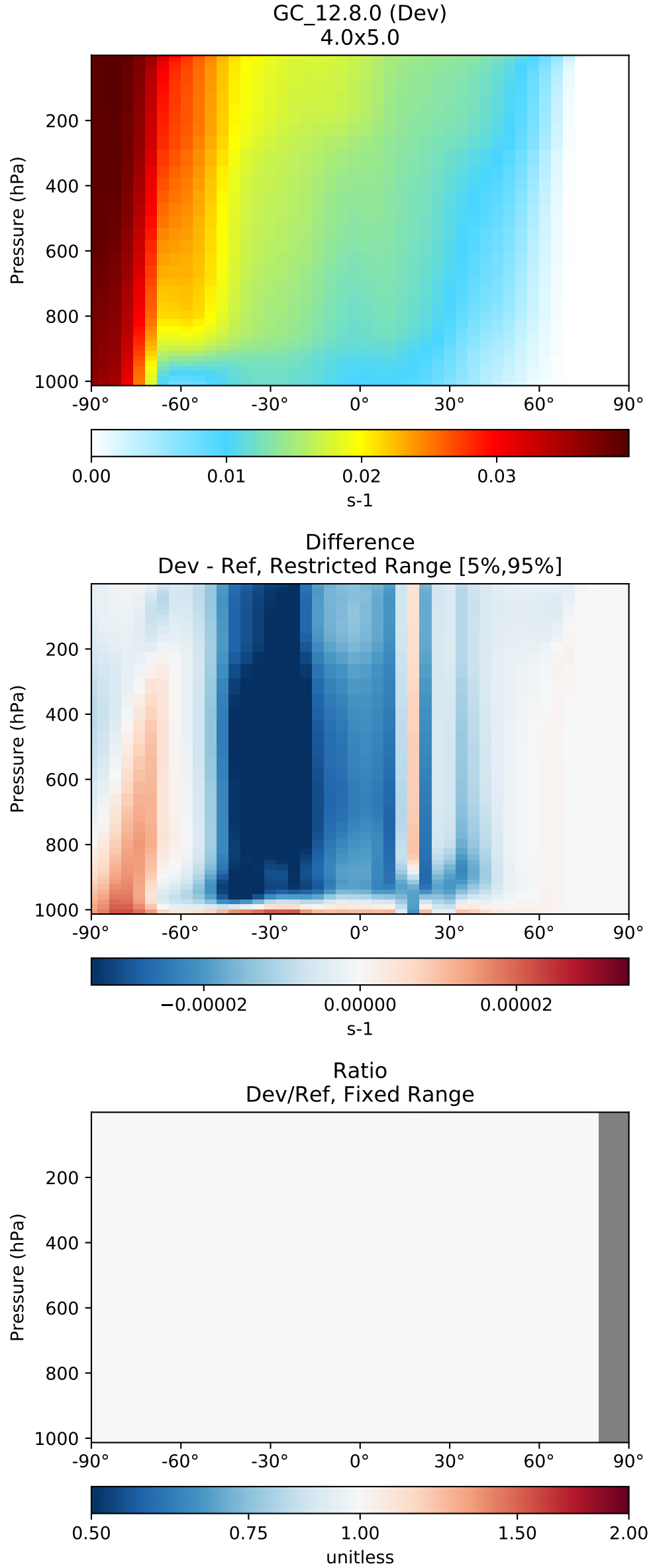
Jval_ICPDH, Zonal Mean (Jan2016)





Jval_ICl, Zonal Mean (Jan2016)



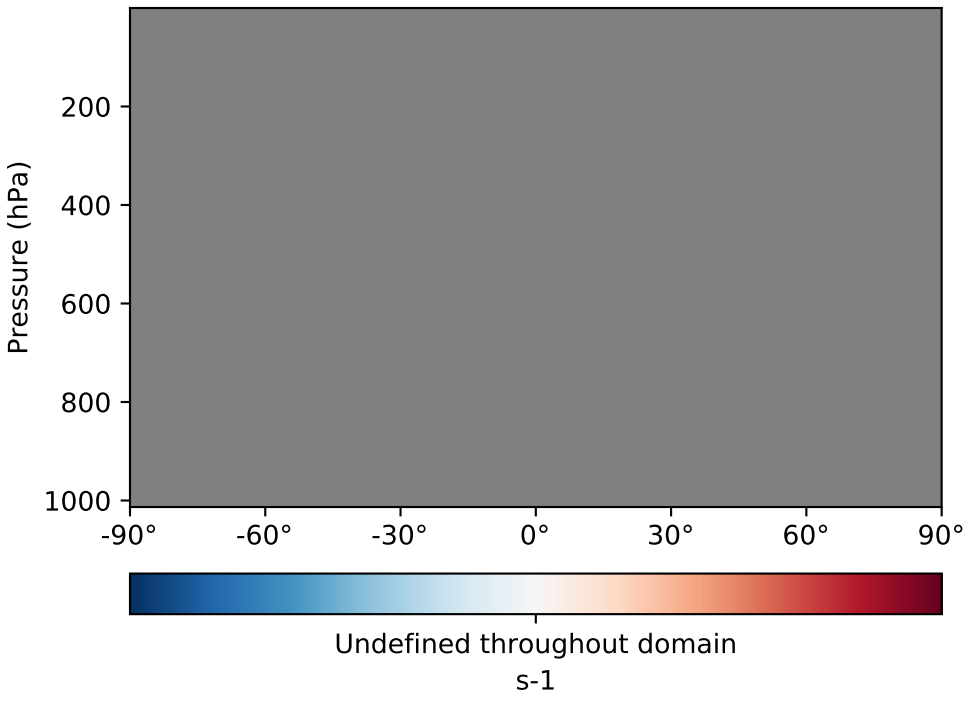


Jval_IDCHP, Zonal Mean (Jan2016)

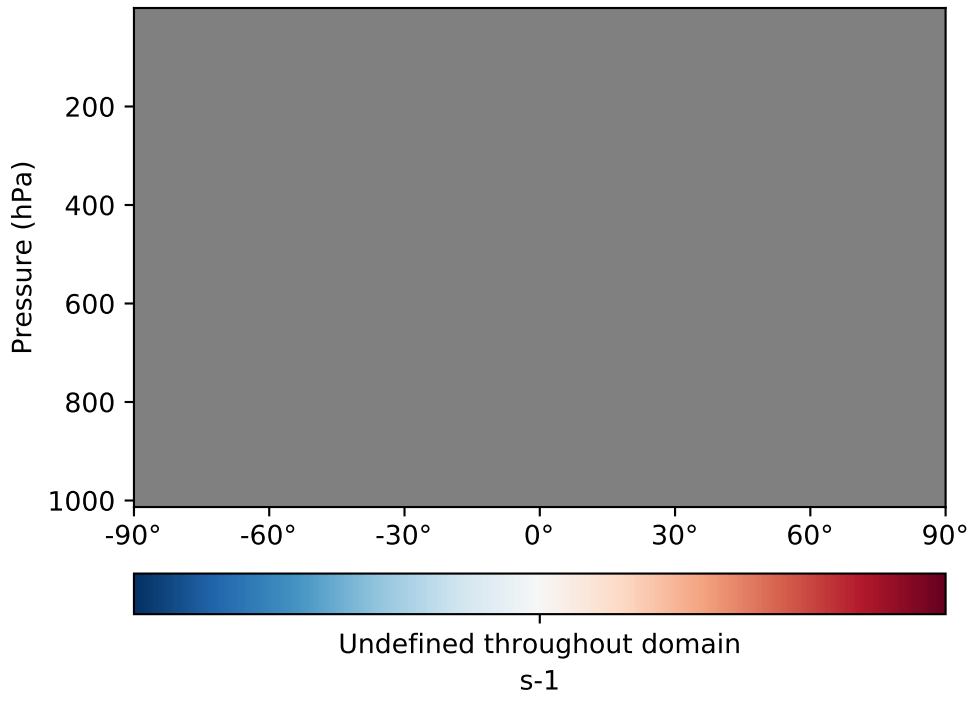
GC_12.6.0 (Ref)
4.0x5.0

GC_12.8.0 (Dev)
4.0x5.0

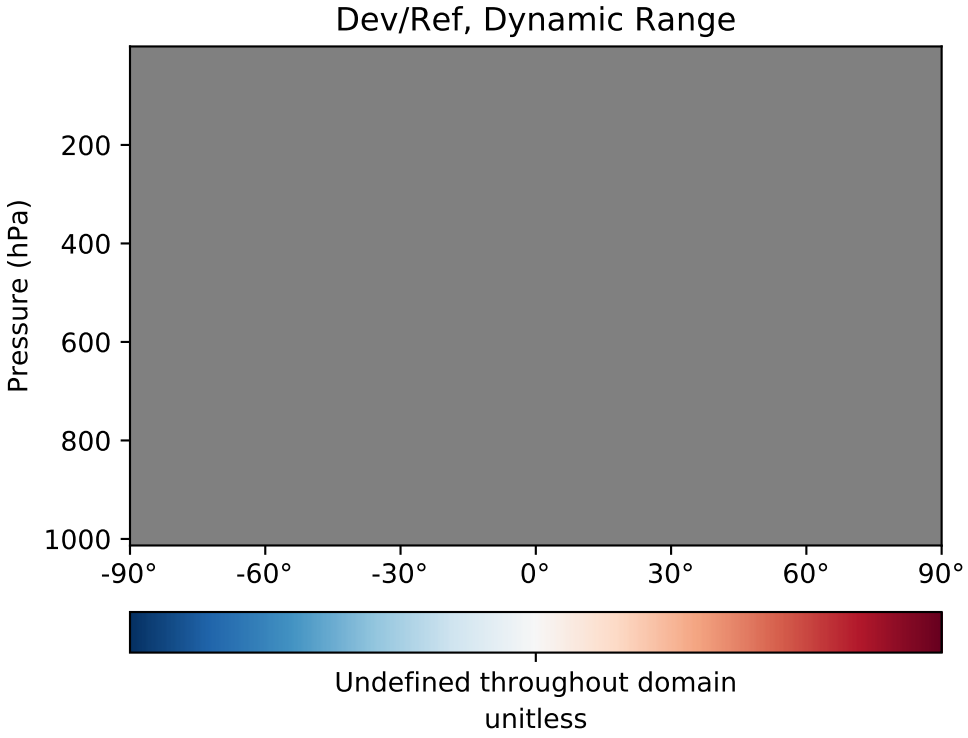
Difference
Dev - Ref, Dynamic Range



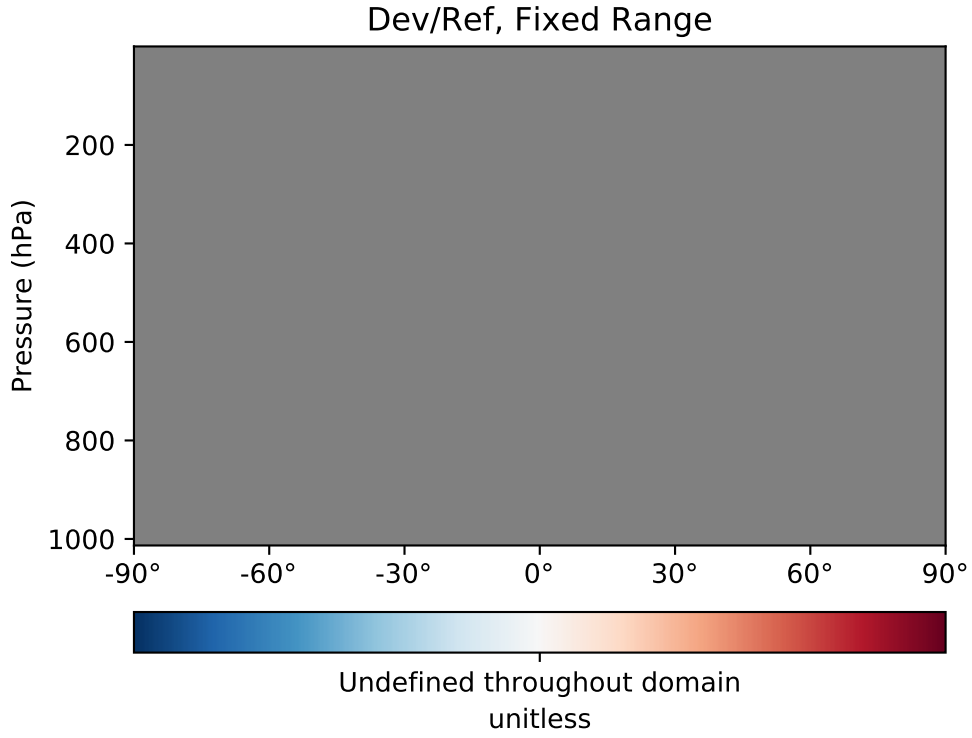
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

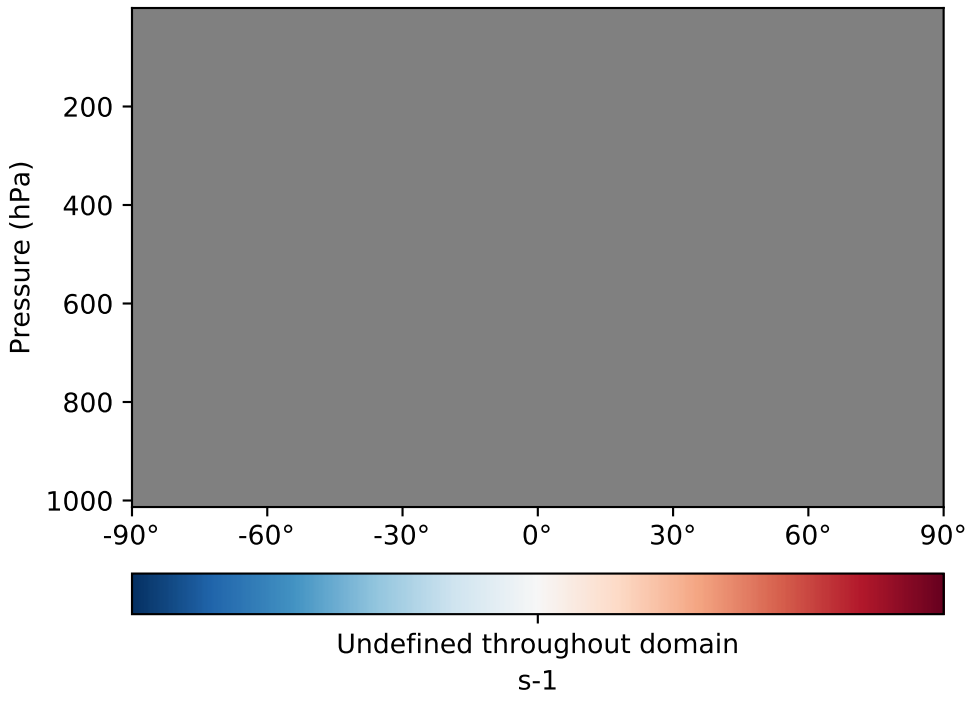


Jval_IDHDP, Zonal Mean (Jan2016)

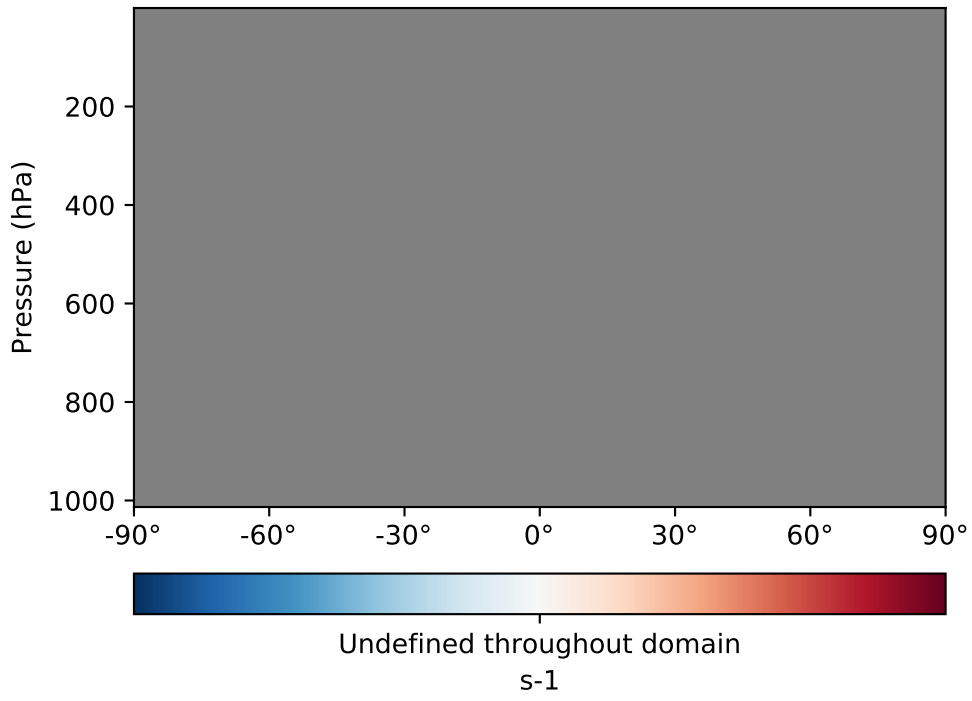
GC_12.6.0 (Ref)
4.0x5.0

GC_12.8.0 (Dev)
4.0x5.0

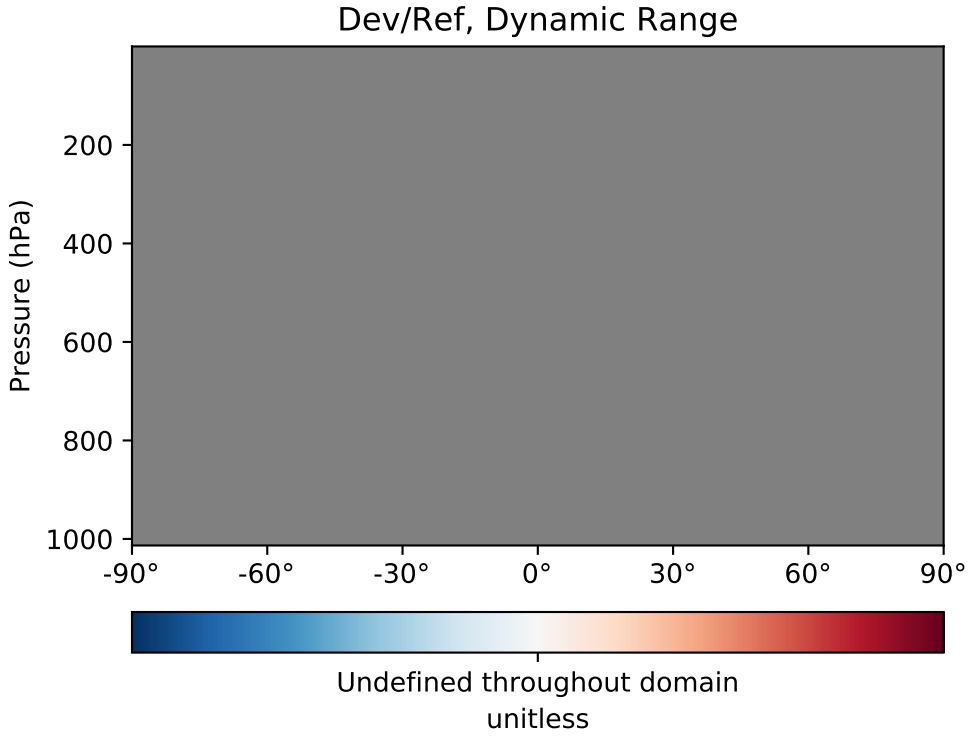
Difference
Dev - Ref, Dynamic Range



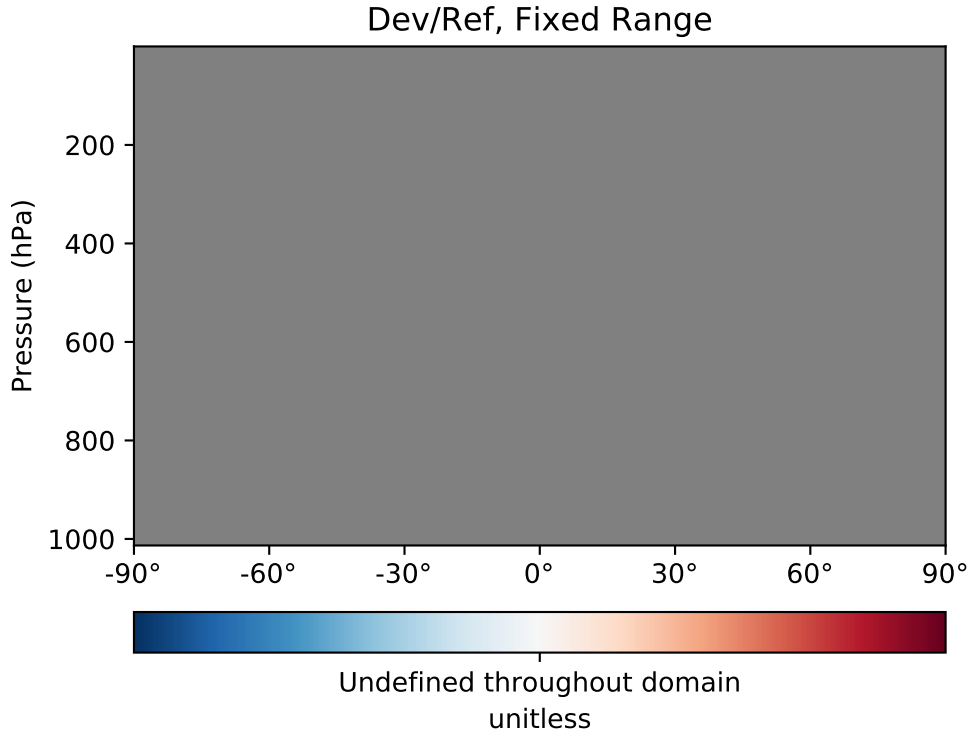
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

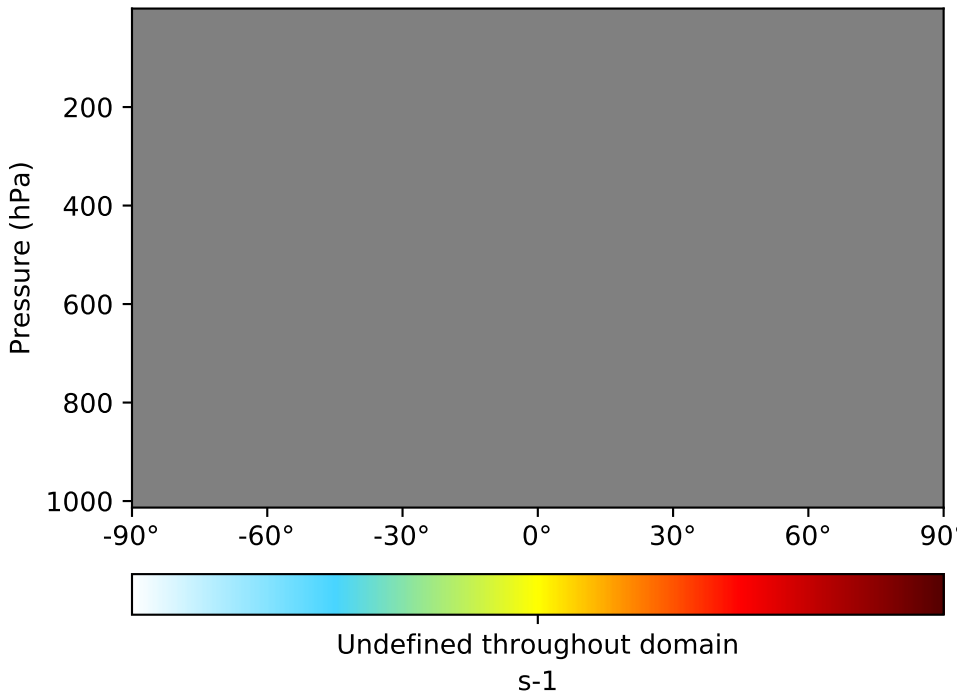


Ratio
Dev/Ref, Fixed Range

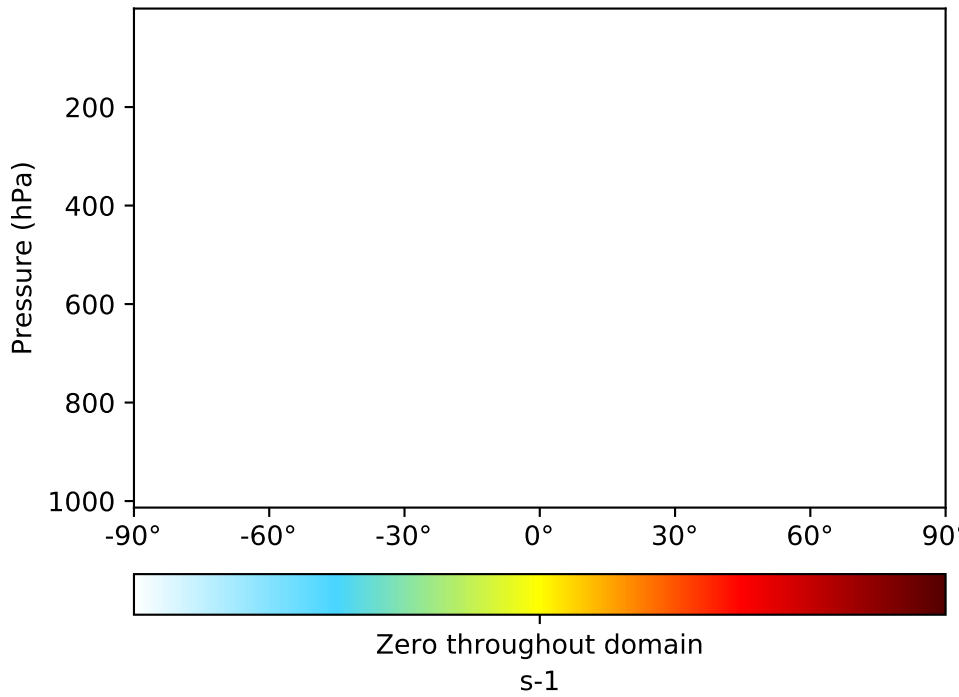


Jval_IDHPE, Zonal Mean (Jan2016)

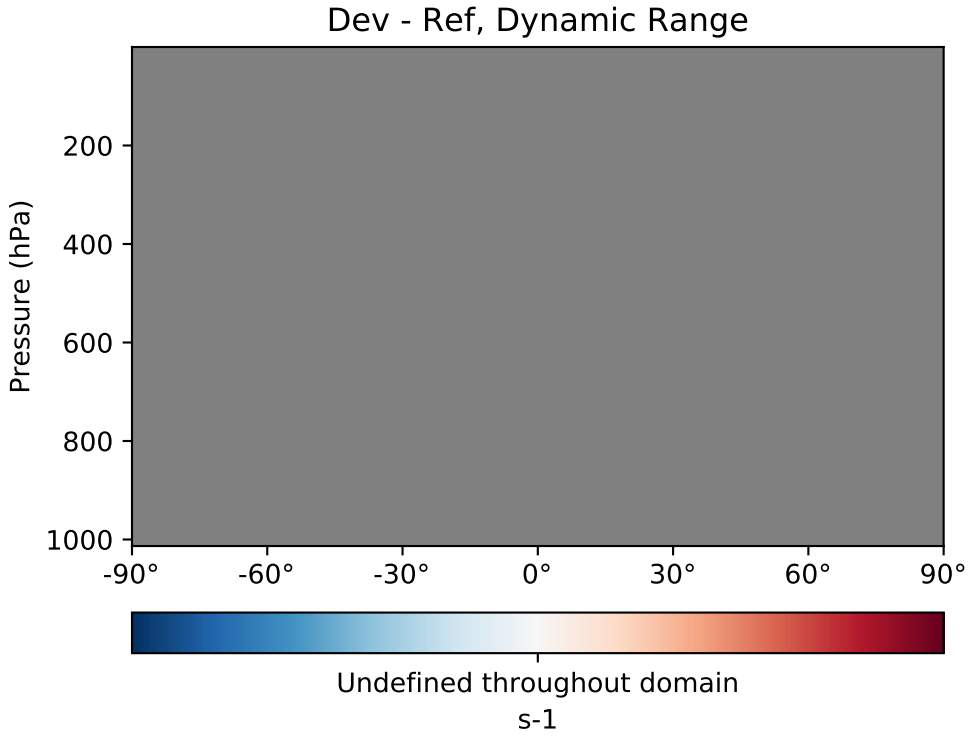
GC_12.6.0 (Ref)
4.0x5.0



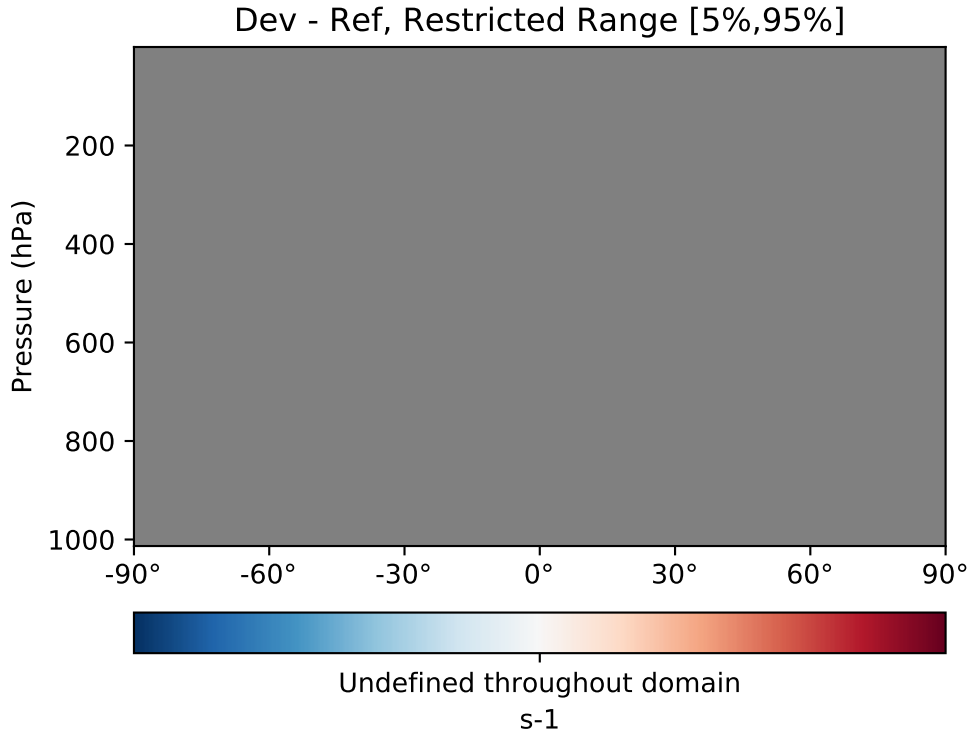
GC_12.8.0 (Dev)
4.0x5.0



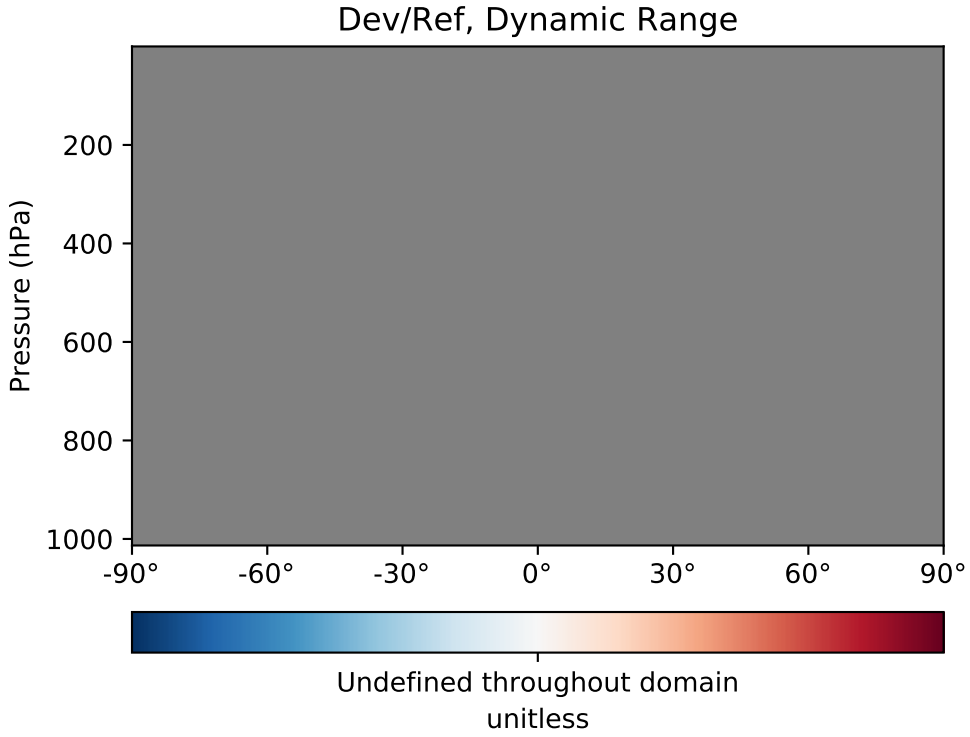
Difference
Dev - Ref, Dynamic Range



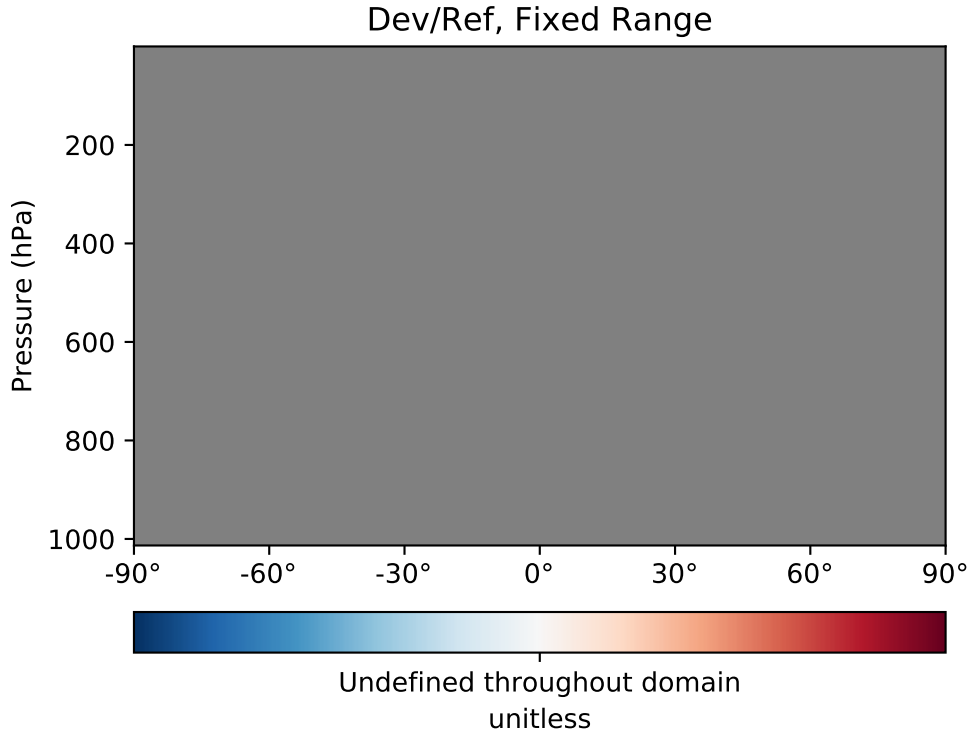
Difference
Dev - Ref, Restricted Range [5%,95%]



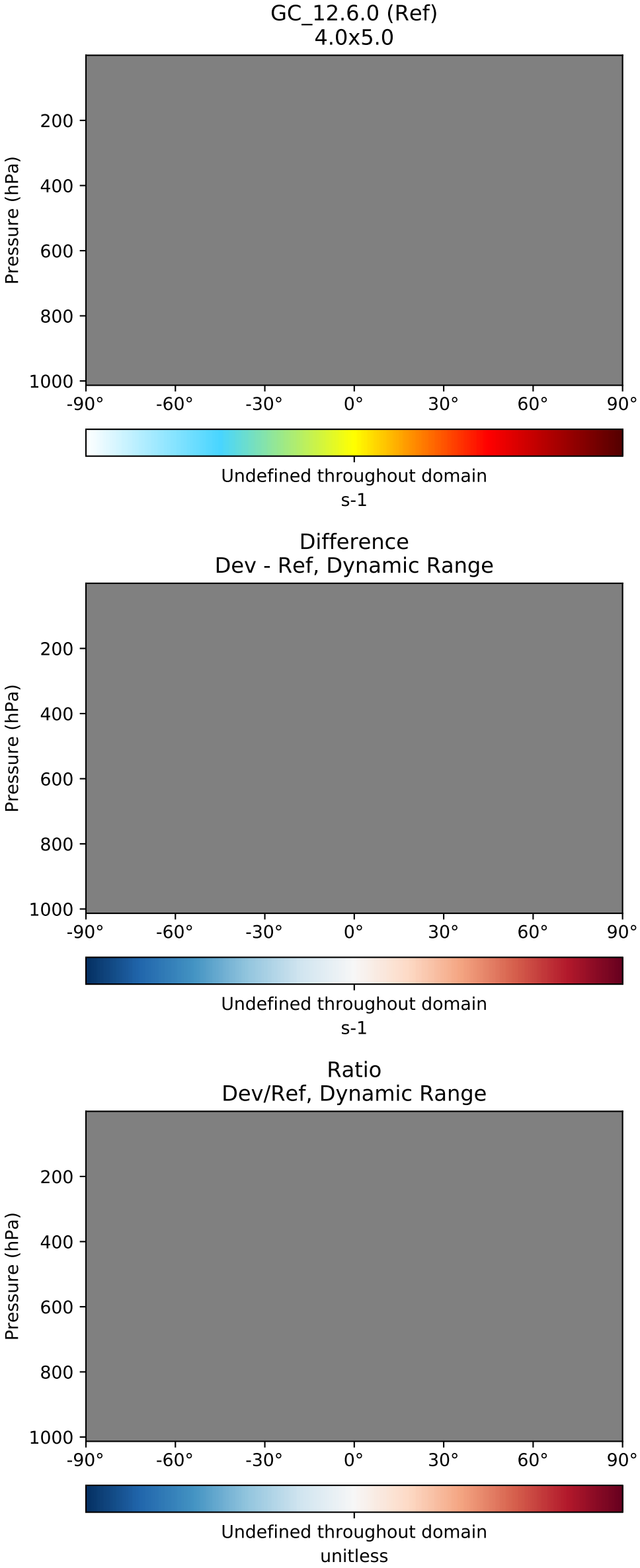
Ratio
Dev/Ref, Dynamic Range

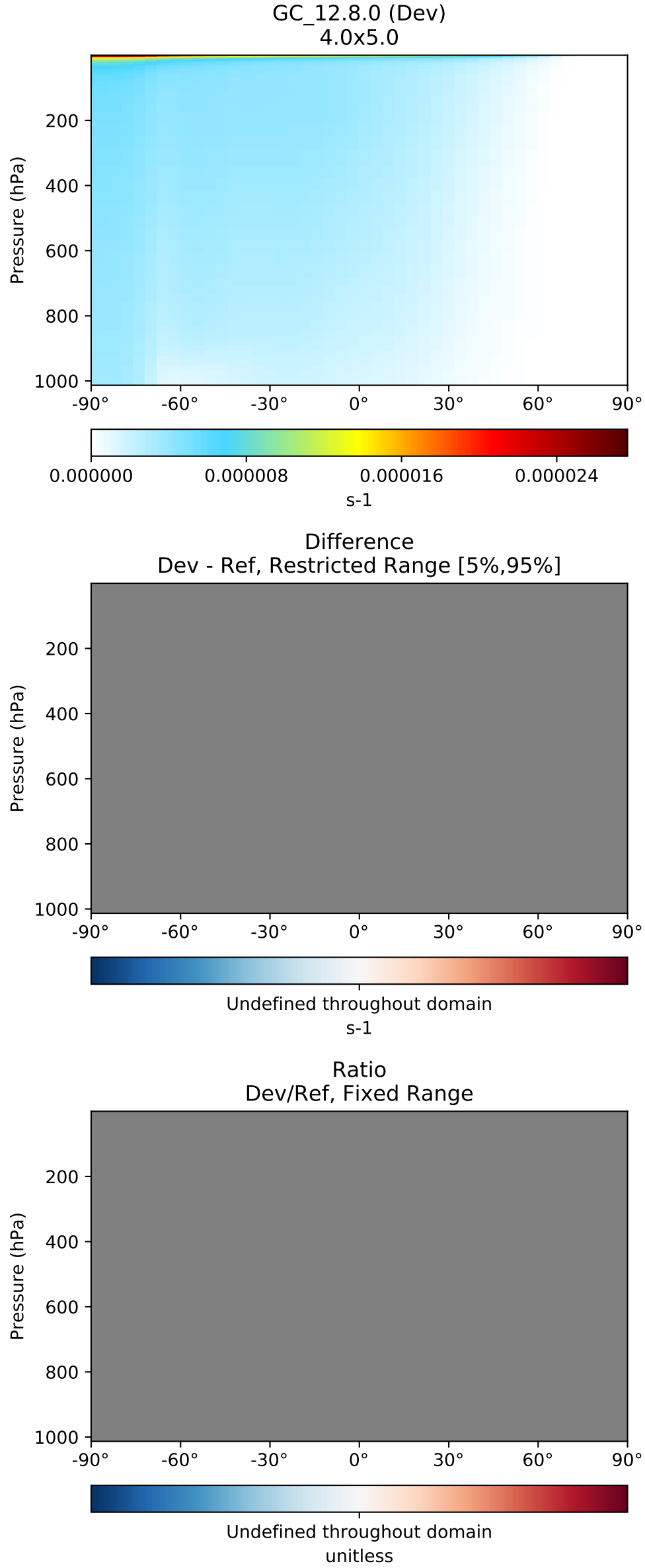


Ratio
Dev/Ref, Fixed Range



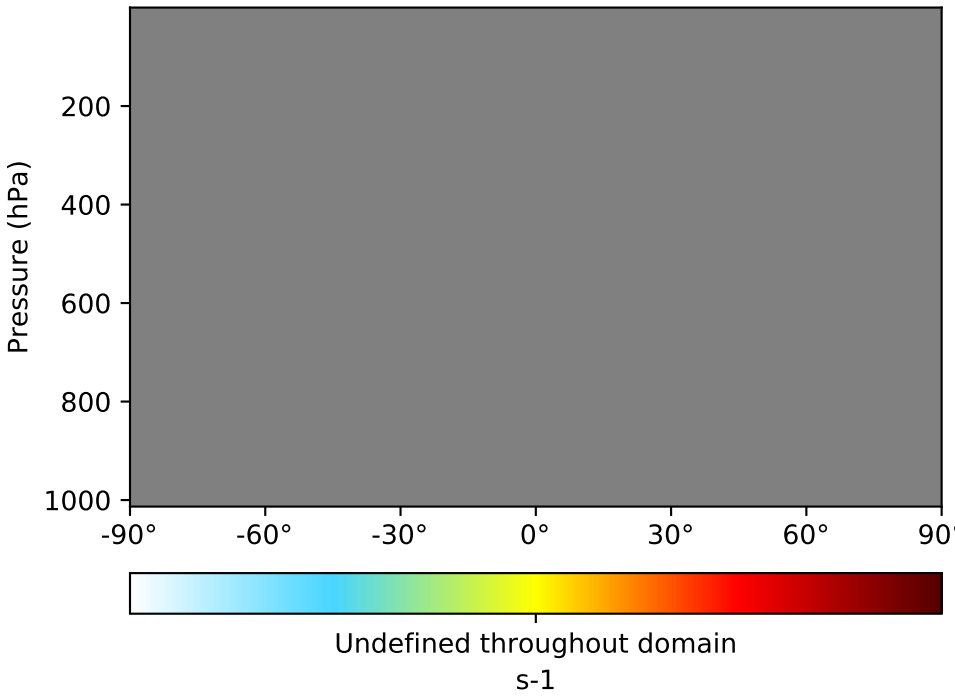
Jval_IDN, Zonal Mean (Jan2016)



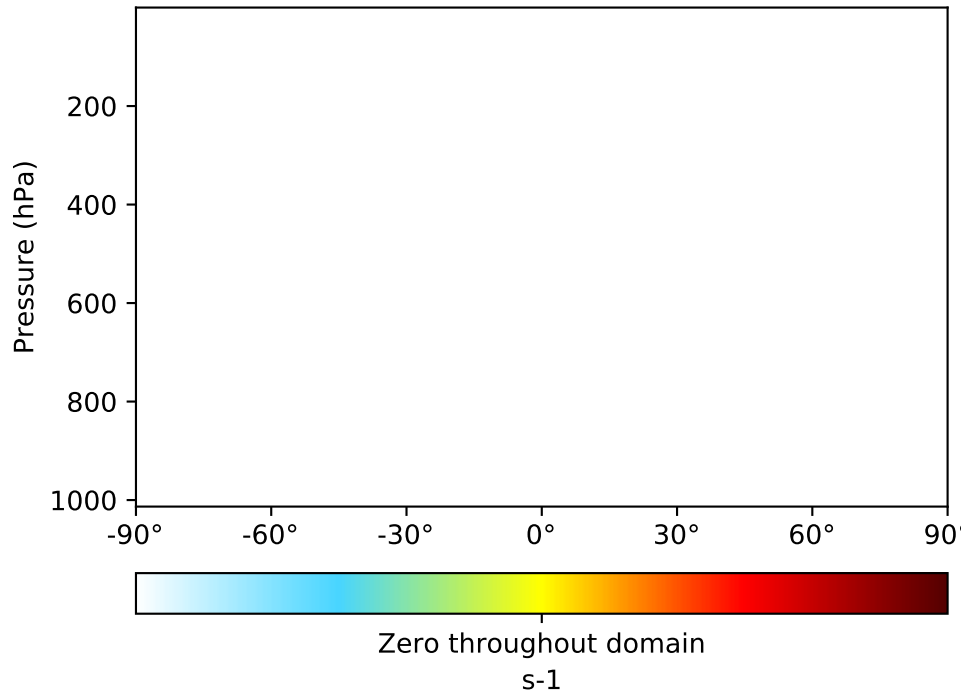


Jval_IHN1, Zonal Mean (Jan2016)

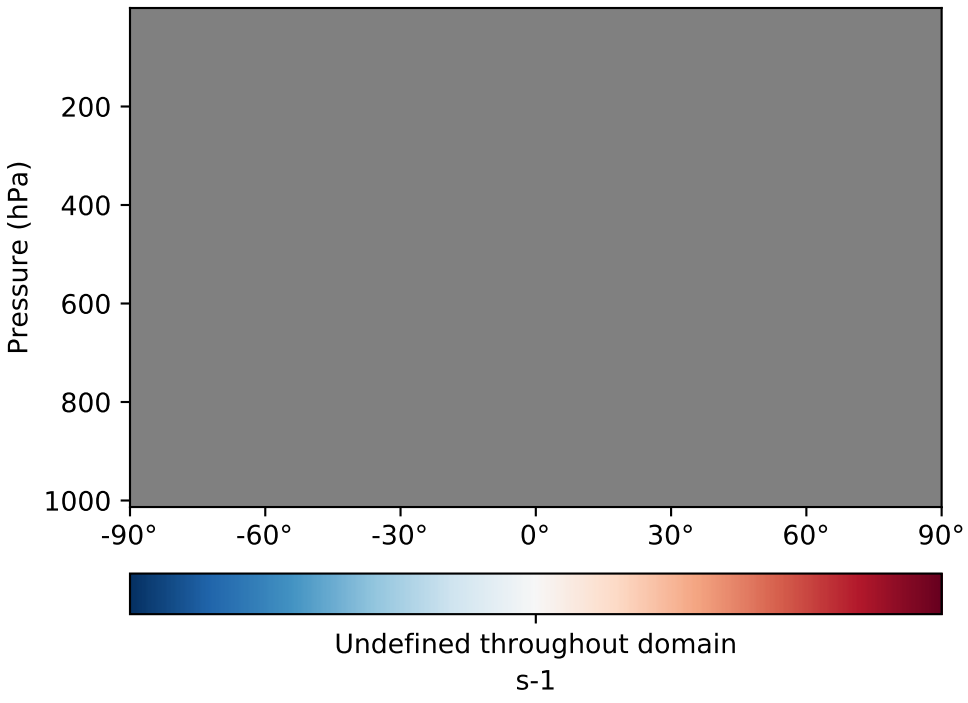
GC_12.6.0 (Ref)
4.0x5.0



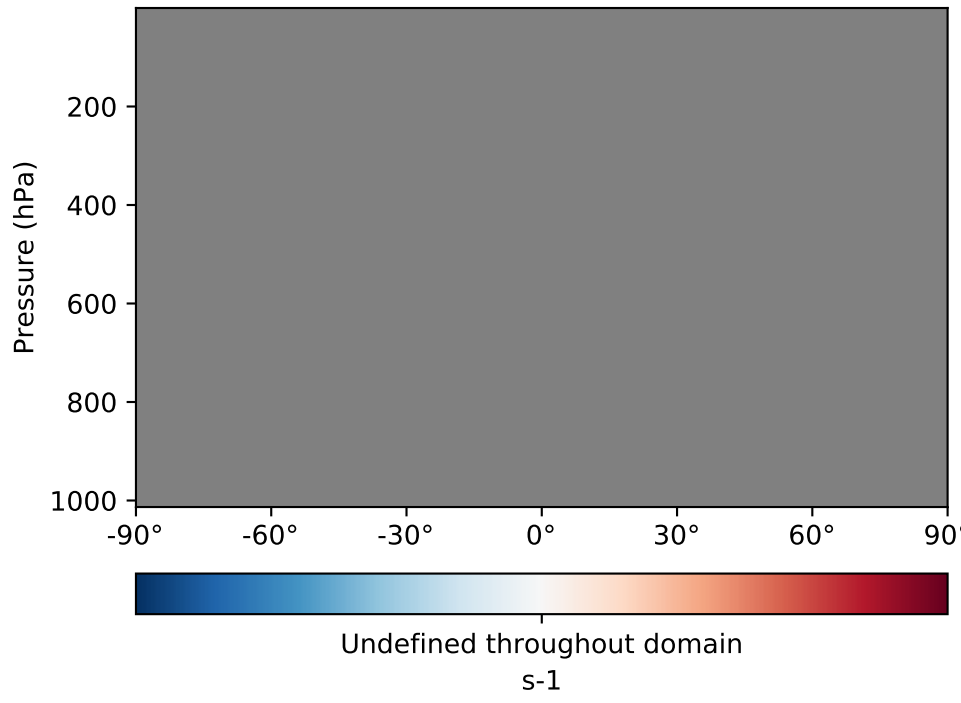
GC_12.8.0 (Dev)
4.0x5.0



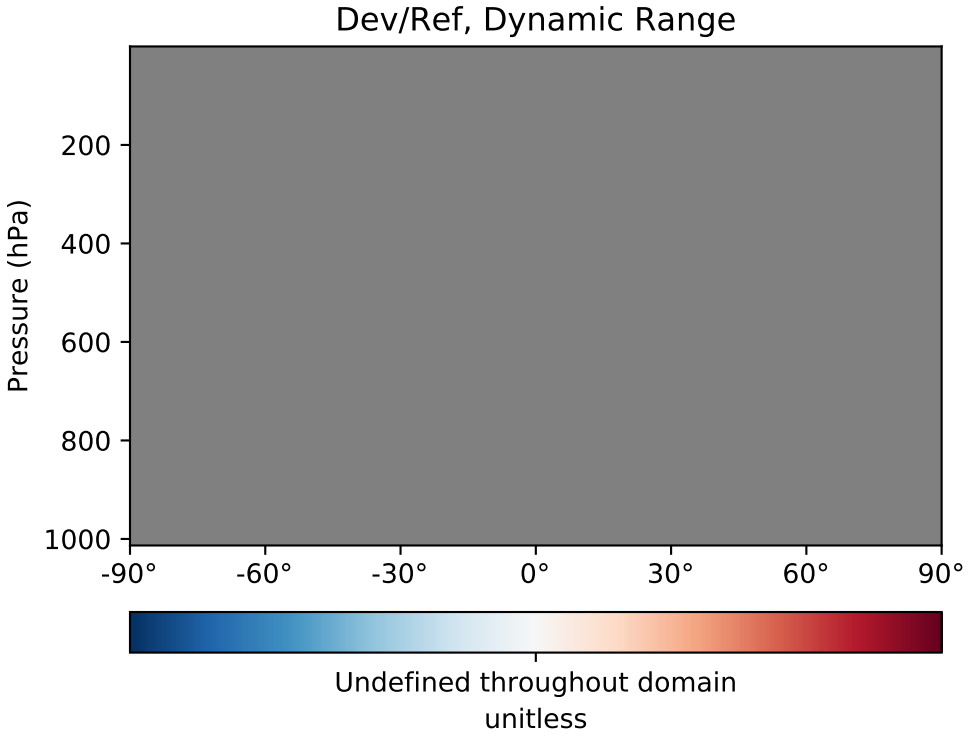
Difference
Dev - Ref, Dynamic Range



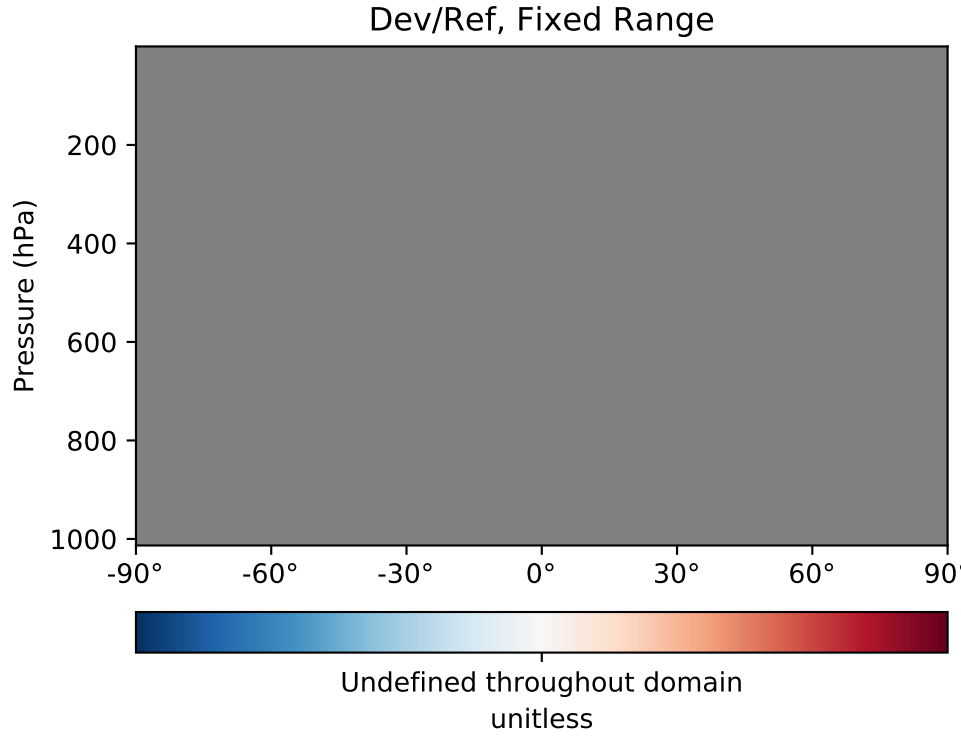
Difference
Dev - Ref, Restricted Range [5%,95%]



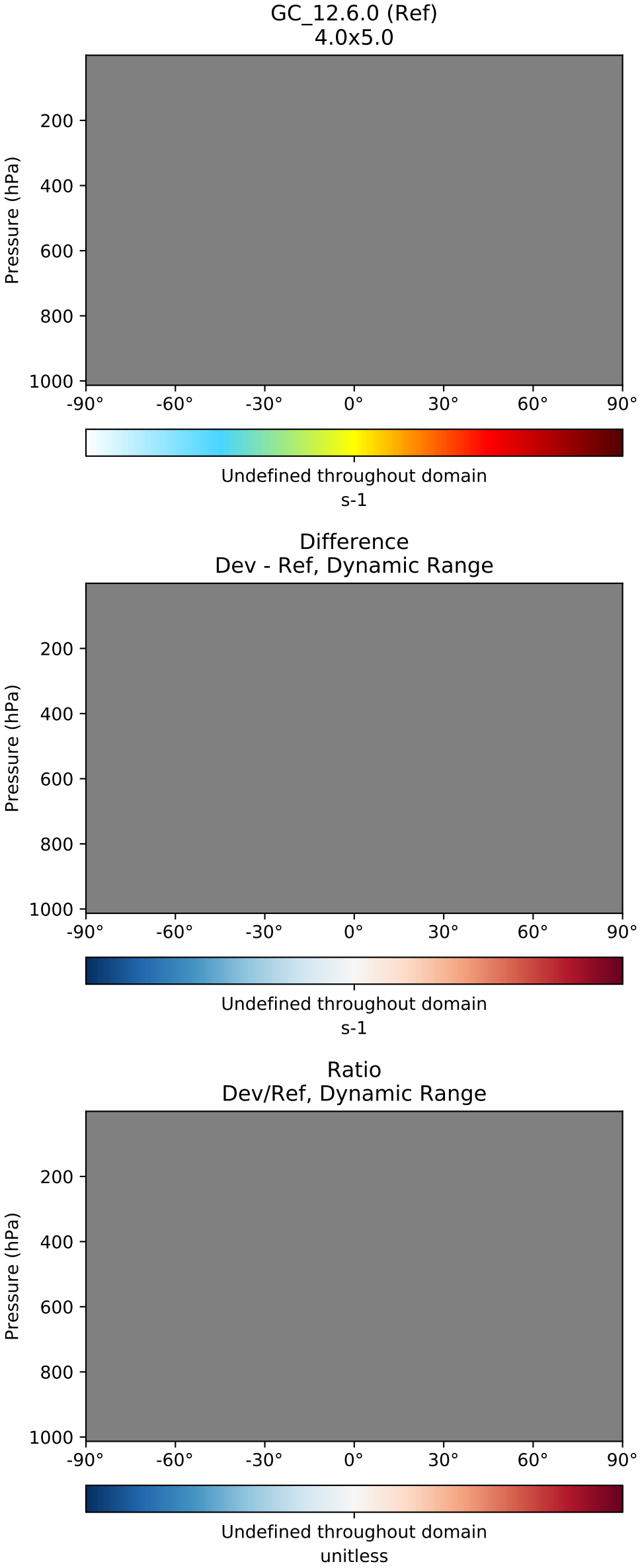
Ratio
Dev/Ref, Dynamic Range

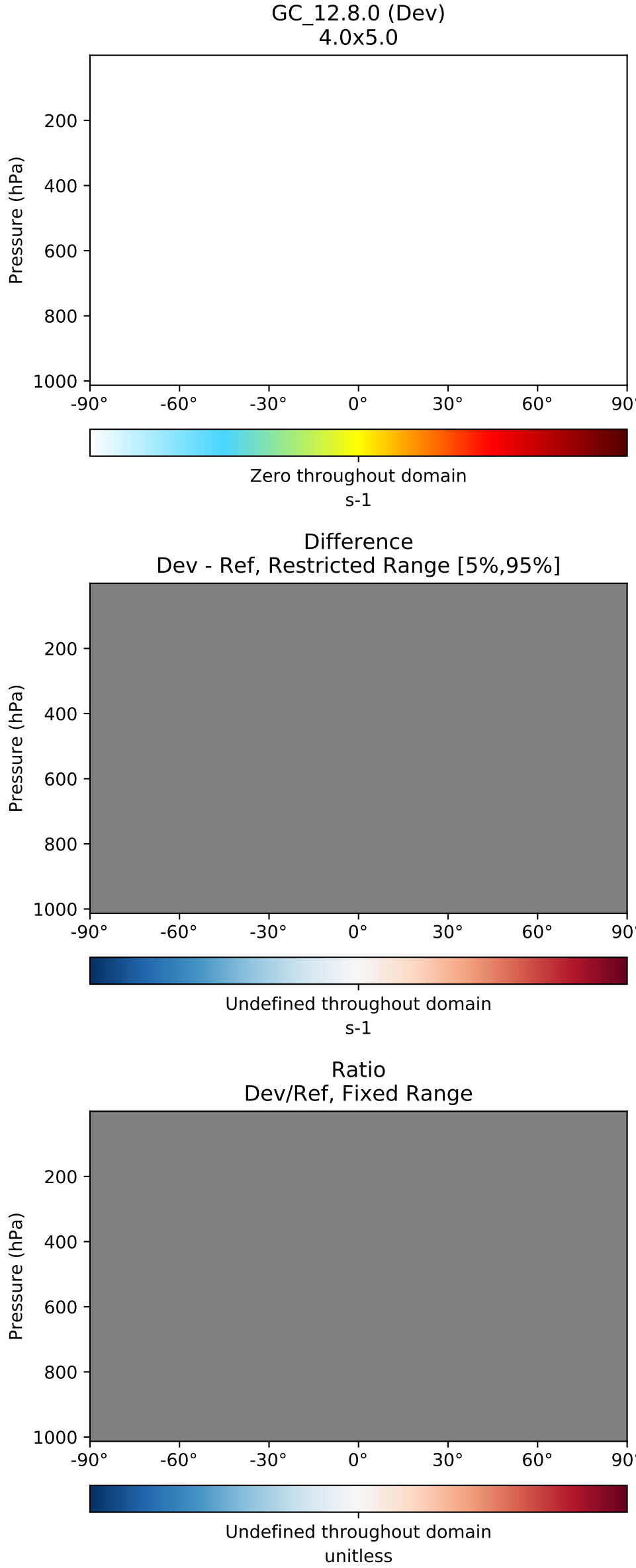


Ratio
Dev/Ref, Fixed Range



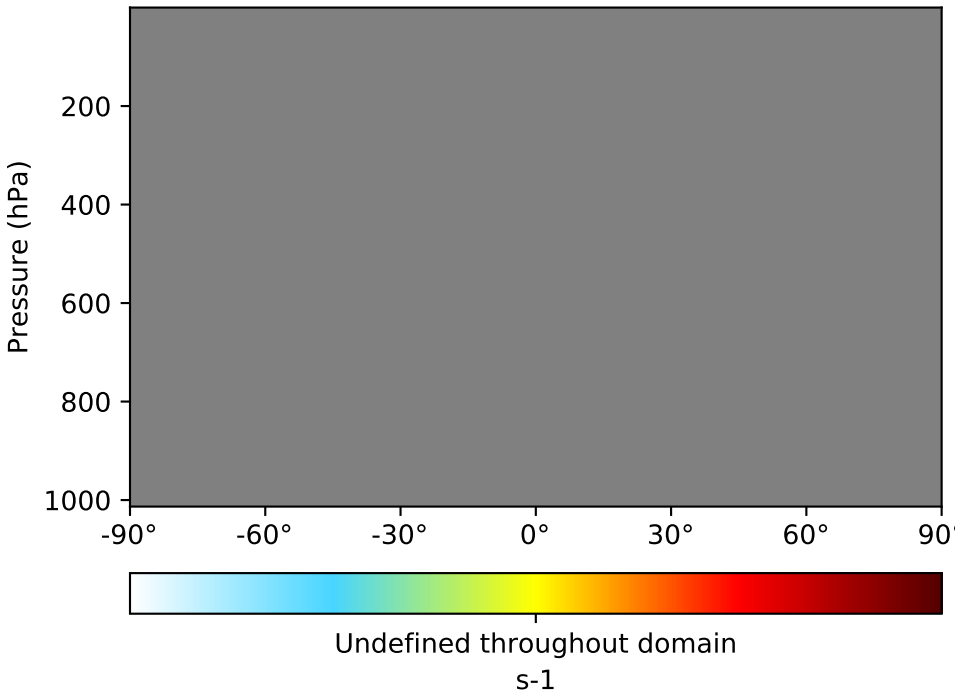
Jval_IHN2, Zonal Mean (Jan2016)



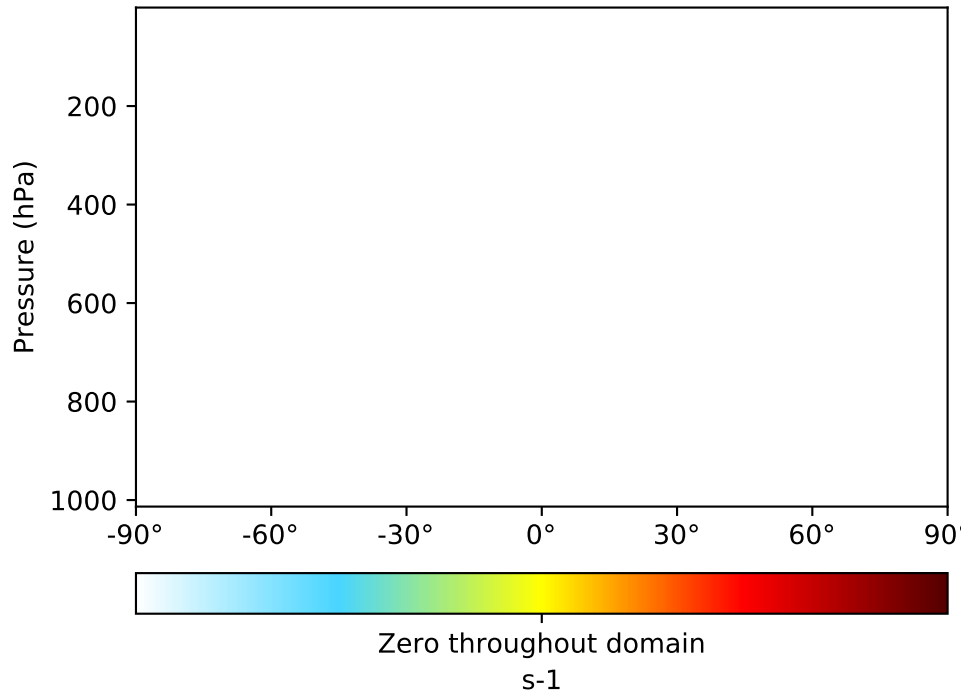


Jval_IHN3, Zonal Mean (Jan2016)

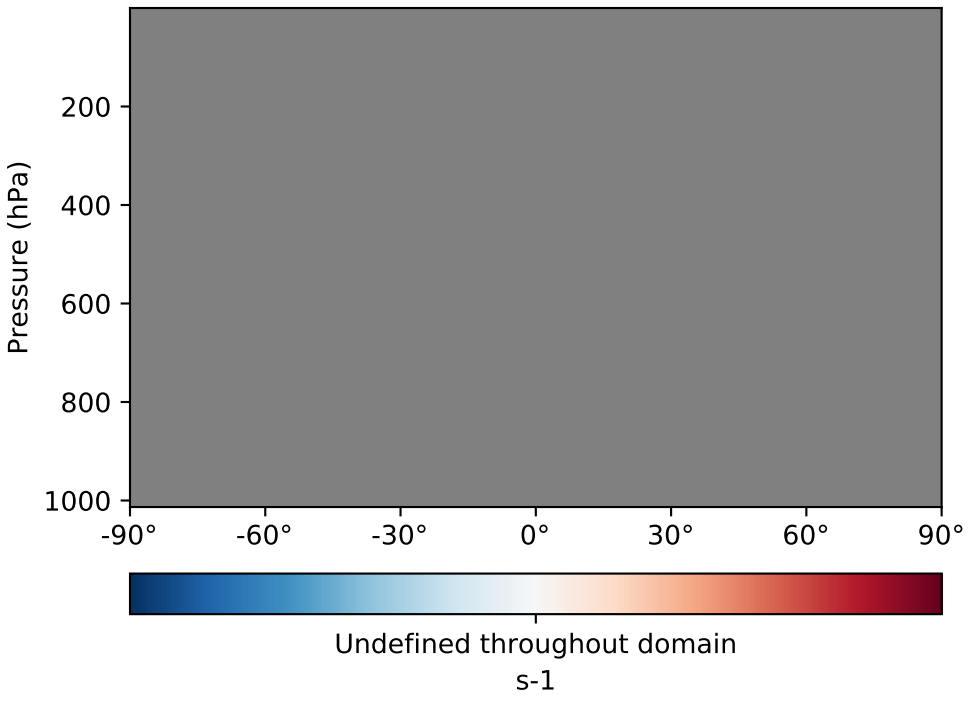
GC_12.6.0 (Ref)
4.0x5.0



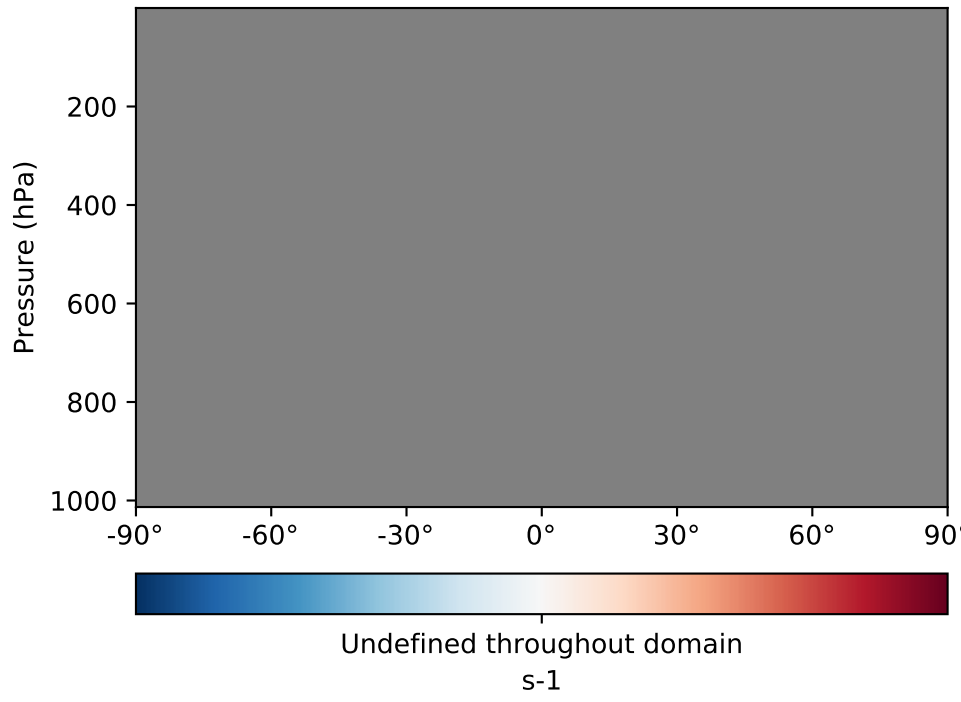
GC_12.8.0 (Dev)
4.0x5.0



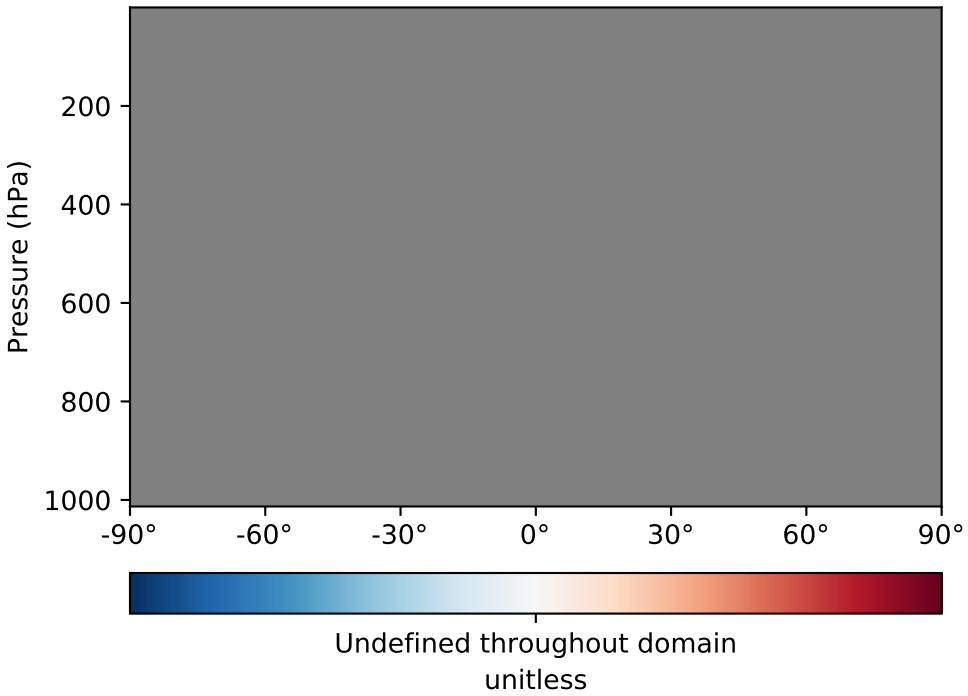
Difference
Dev - Ref, Dynamic Range



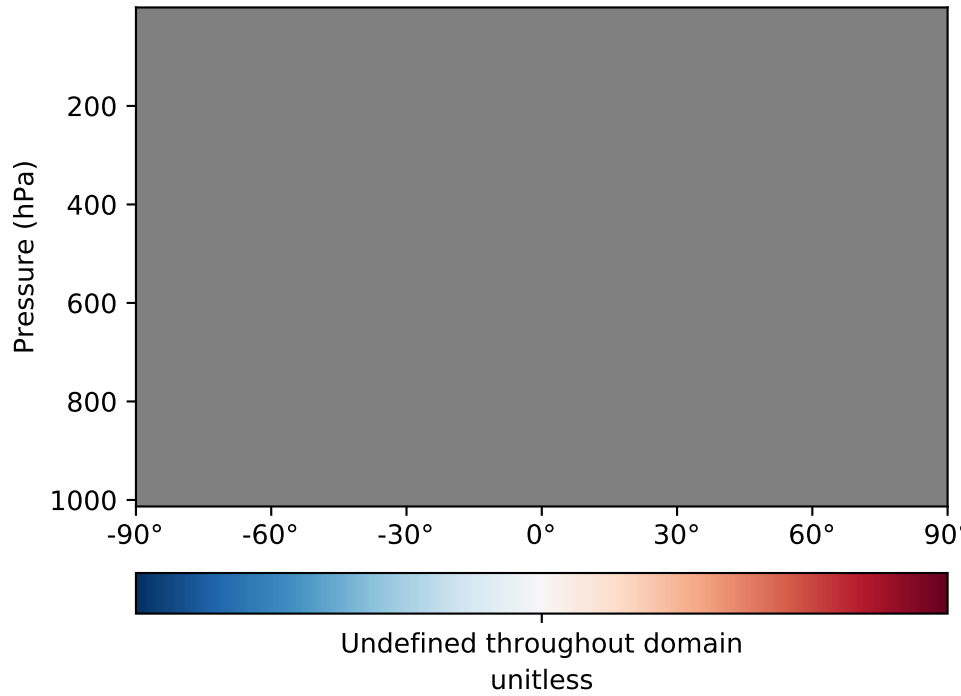
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

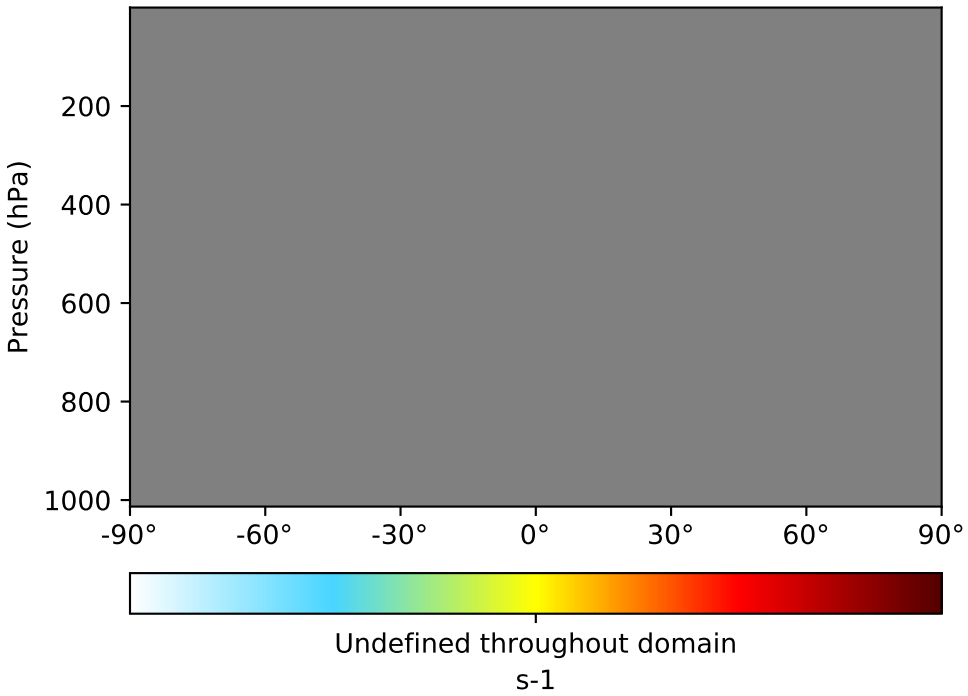


Ratio
Dev/Ref, Fixed Range

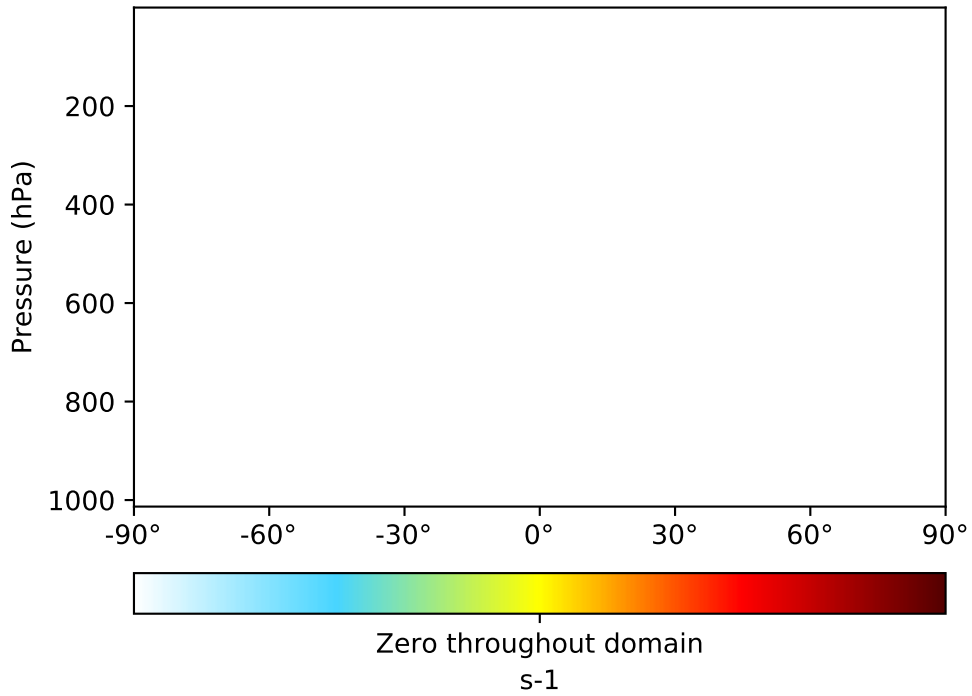


Jval_IHN4, Zonal Mean (Jan2016)

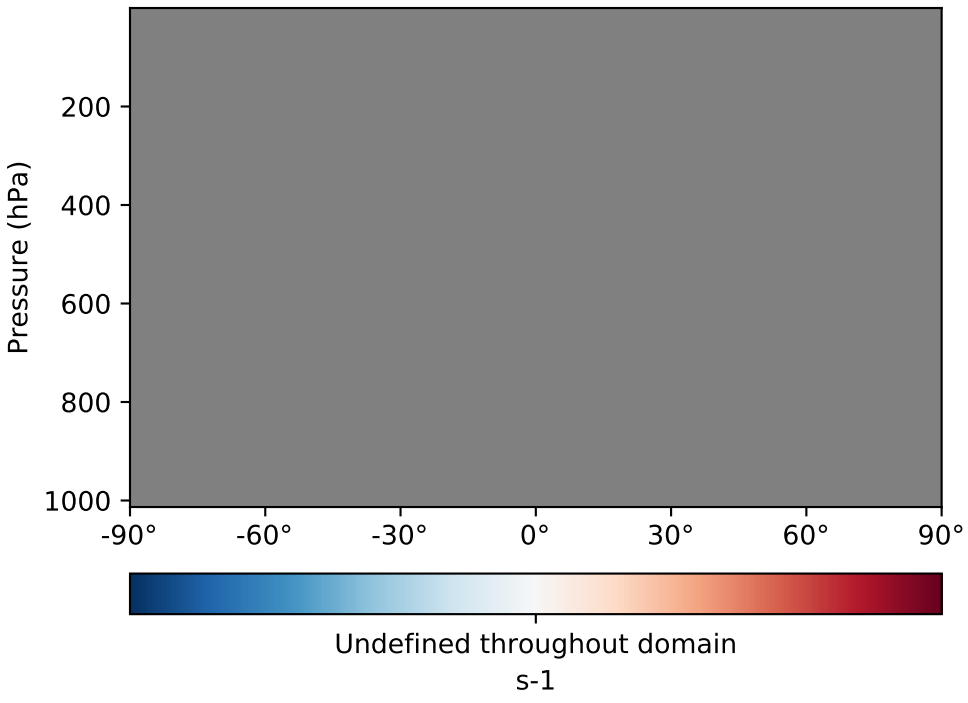
GC_12.6.0 (Ref)
4.0x5.0



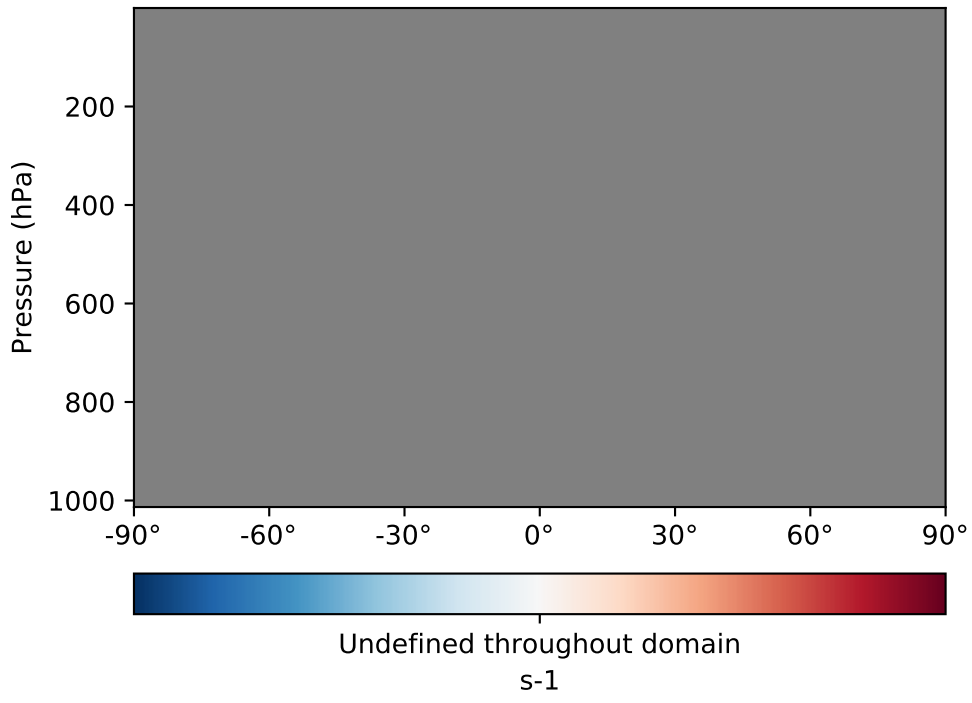
GC_12.8.0 (Dev)
4.0x5.0



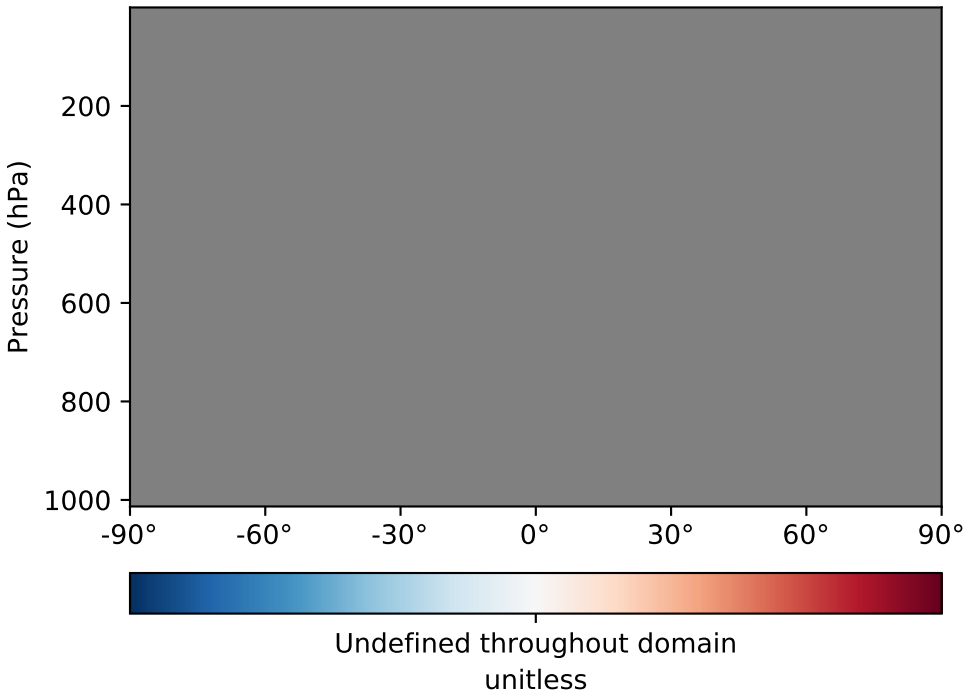
Difference
Dev - Ref, Dynamic Range



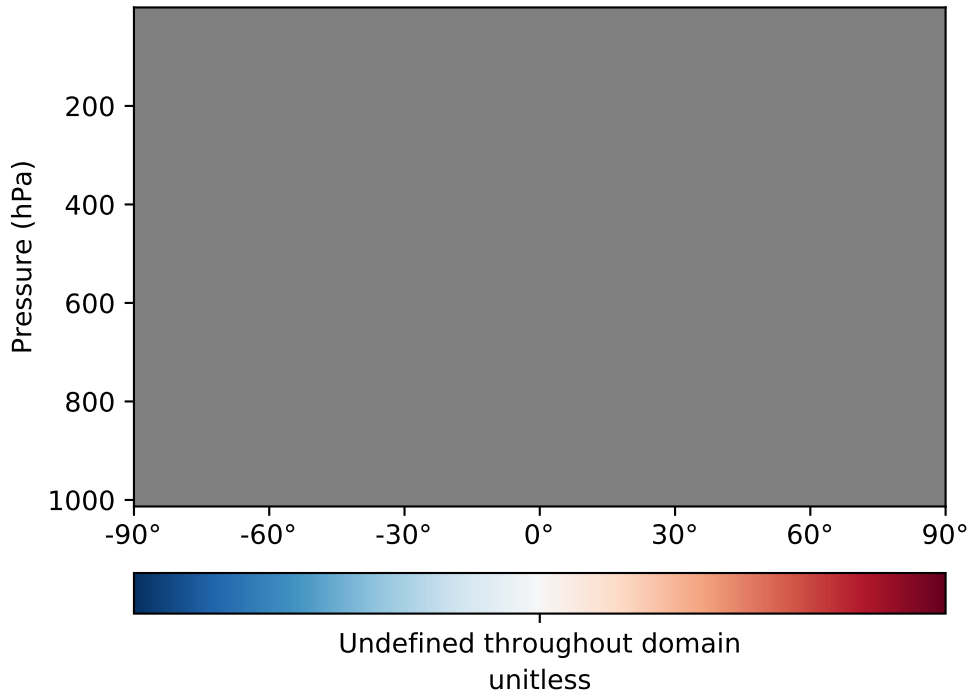
Difference
Dev - Ref, Restricted Range [5%,95%]



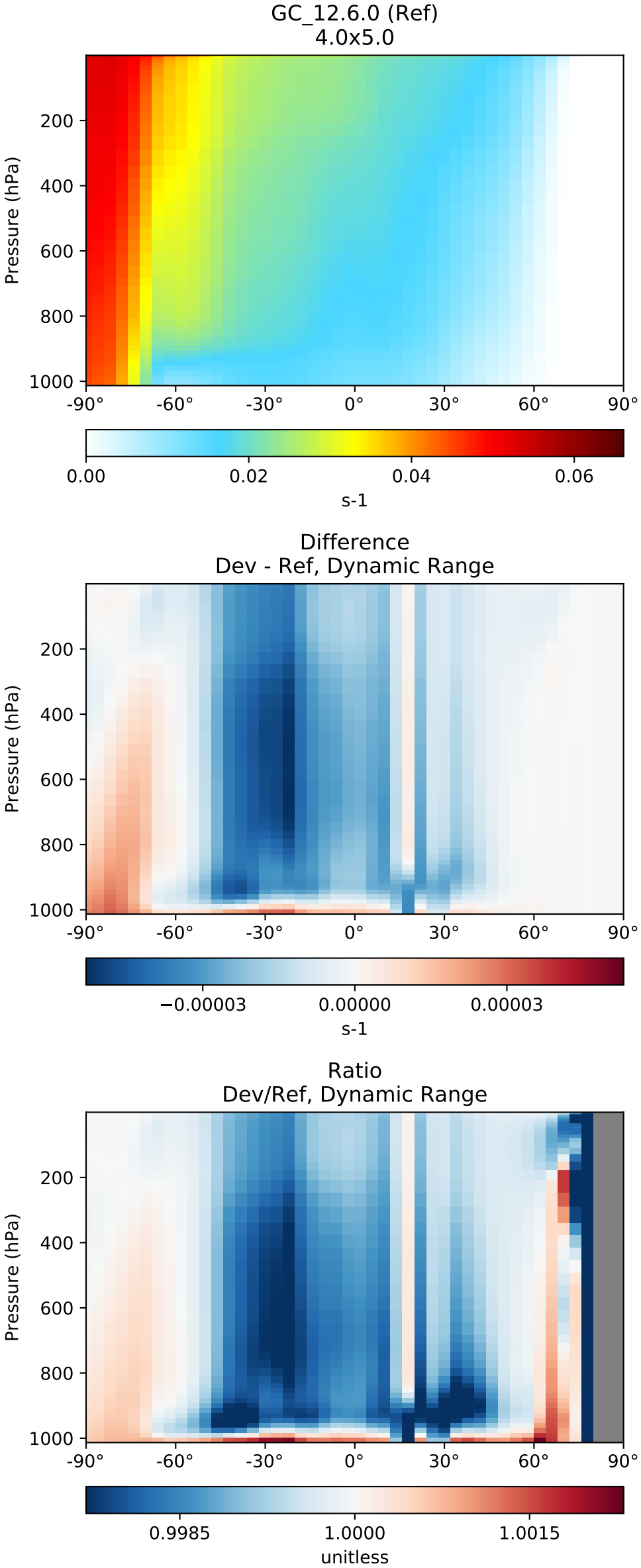
Ratio
Dev/Ref, Dynamic Range

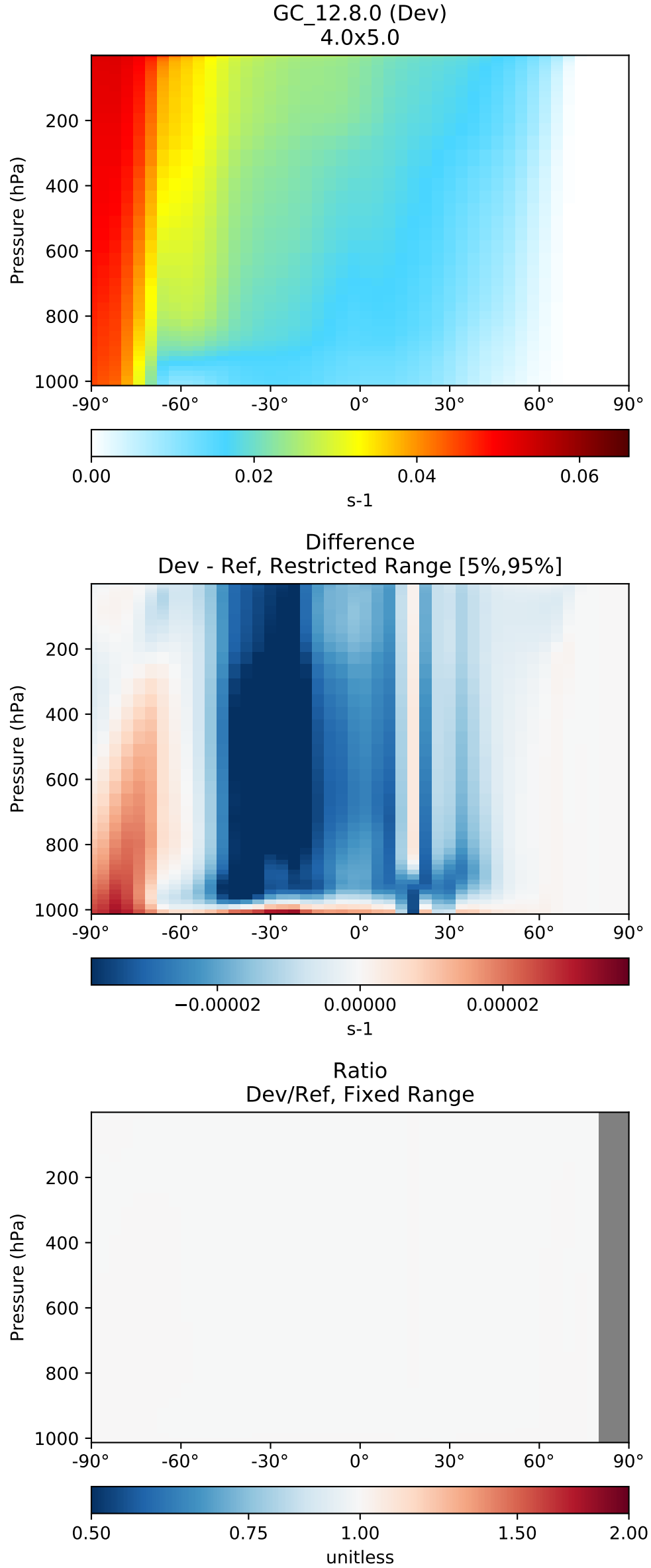


Ratio
Dev/Ref, Fixed Range



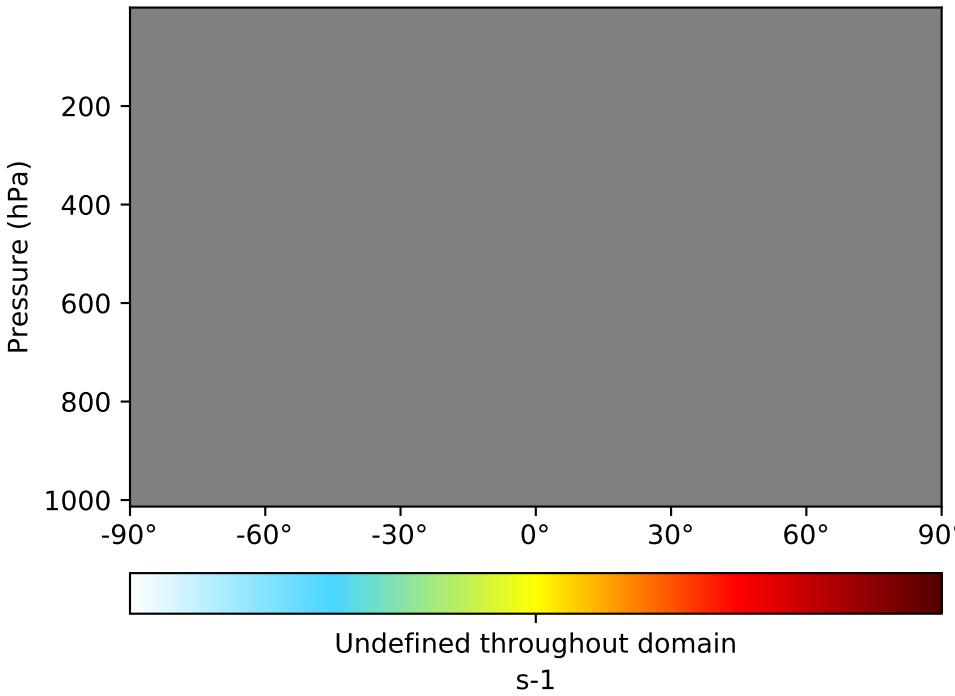
Jval_INO, Zonal Mean (Jan2016)



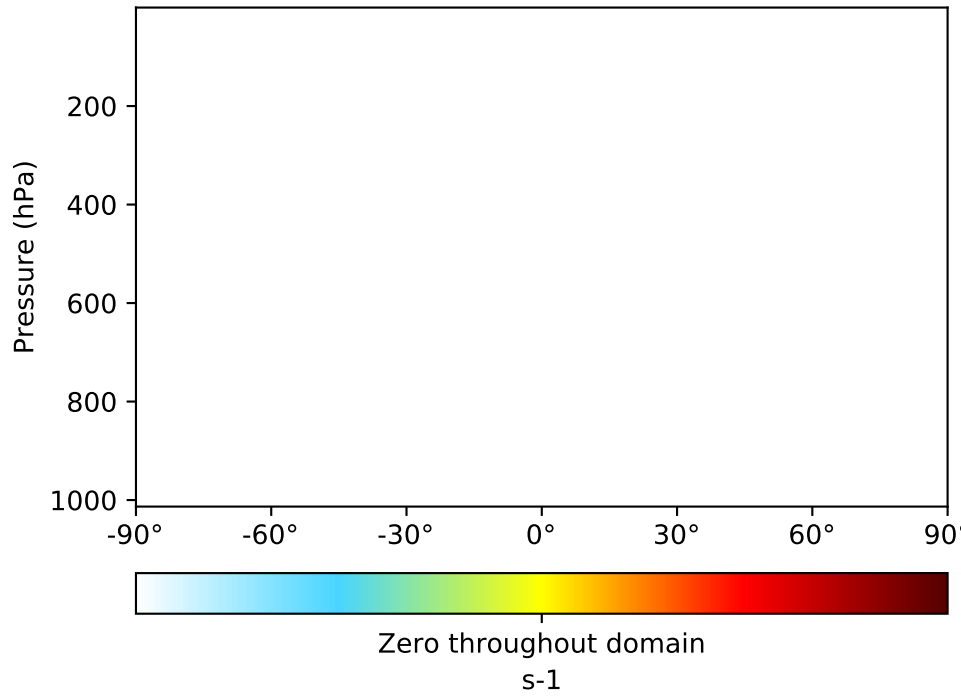


Jval_INPB, Zonal Mean (Jan2016)

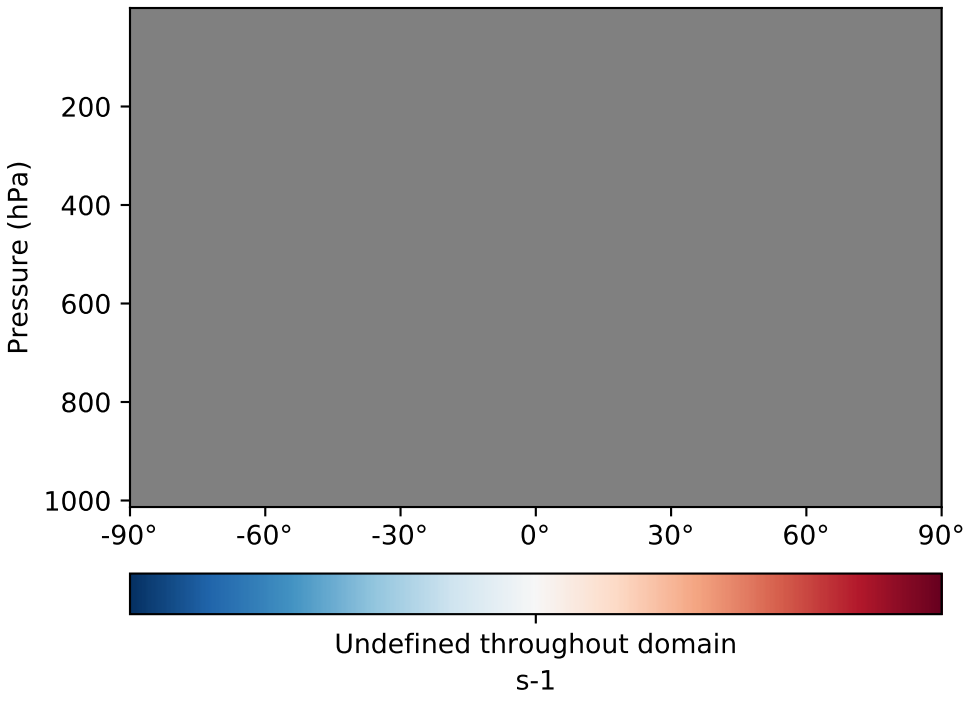
GC_12.6.0 (Ref)
4.0x5.0



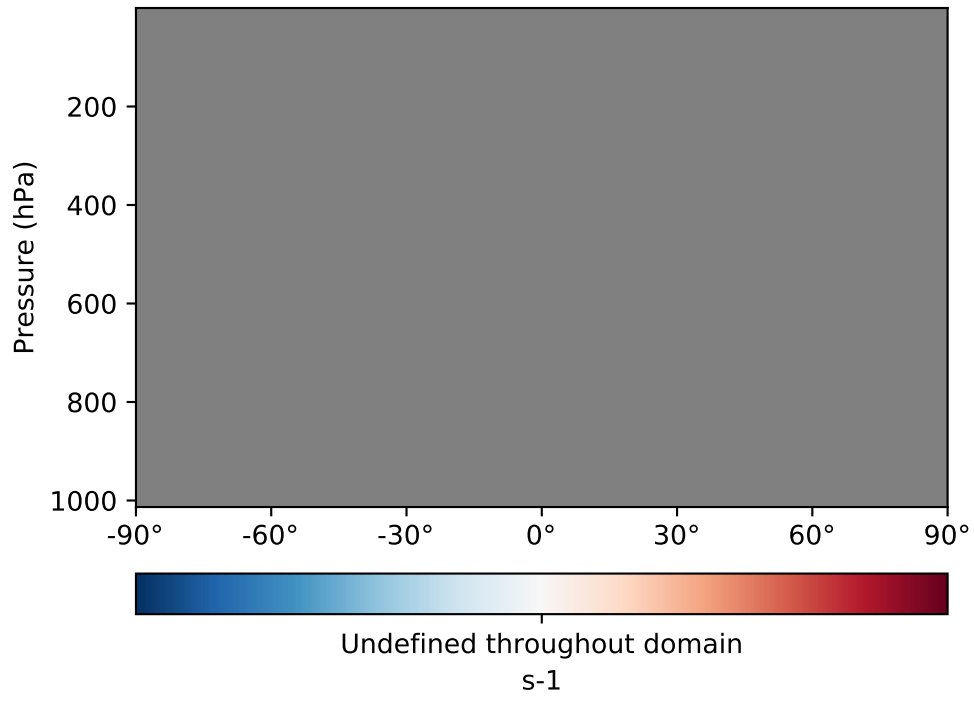
GC_12.8.0 (Dev)
4.0x5.0



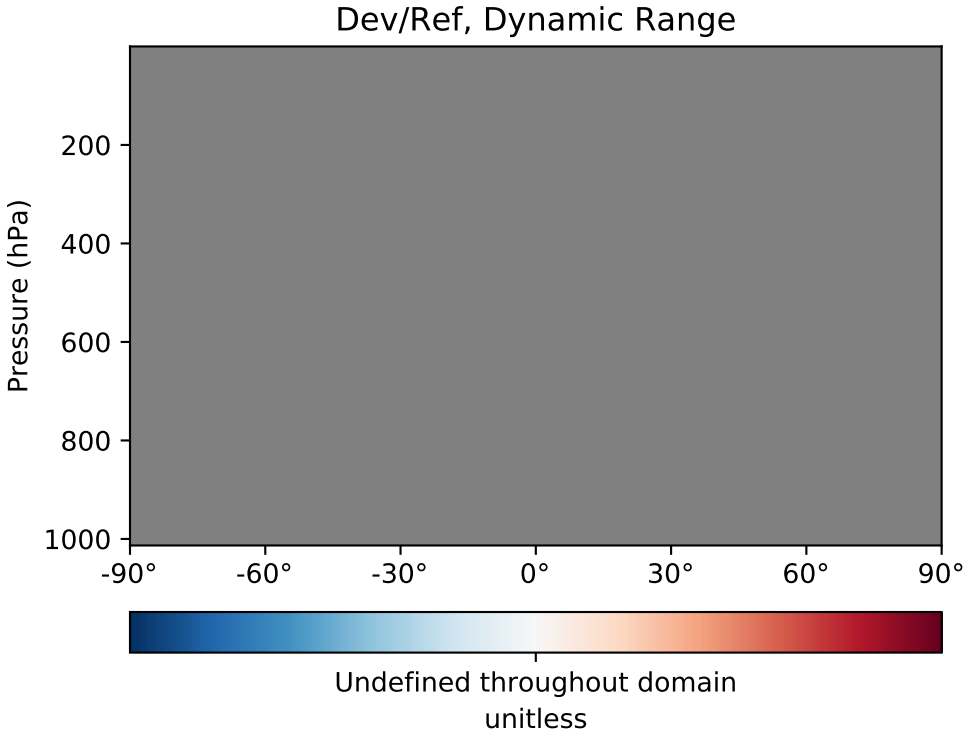
Difference
Dev - Ref, Dynamic Range



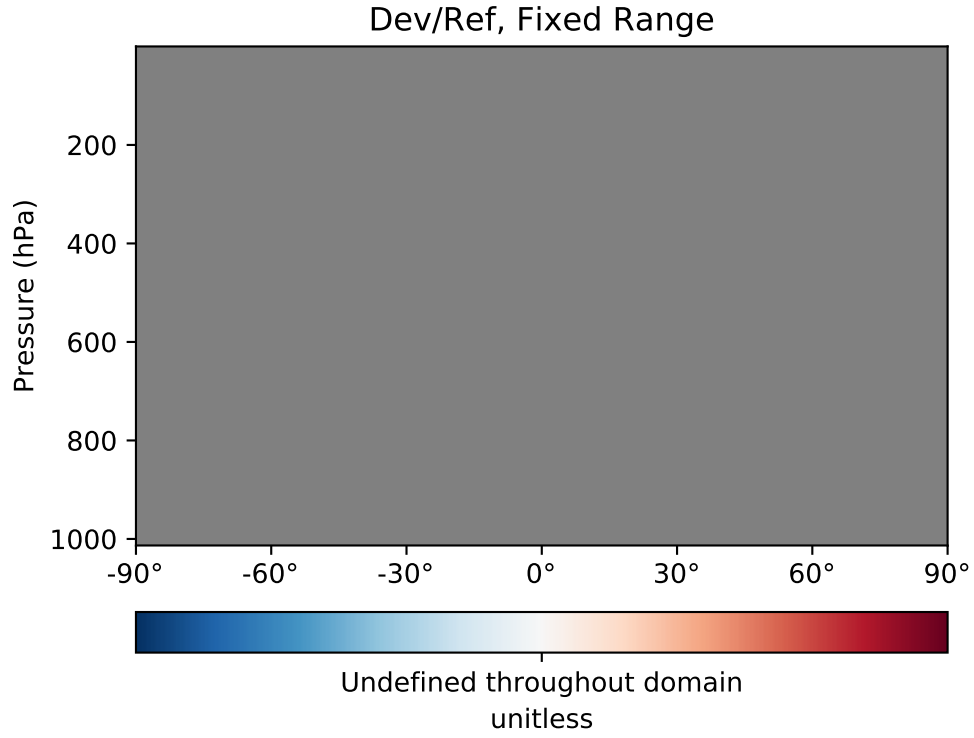
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

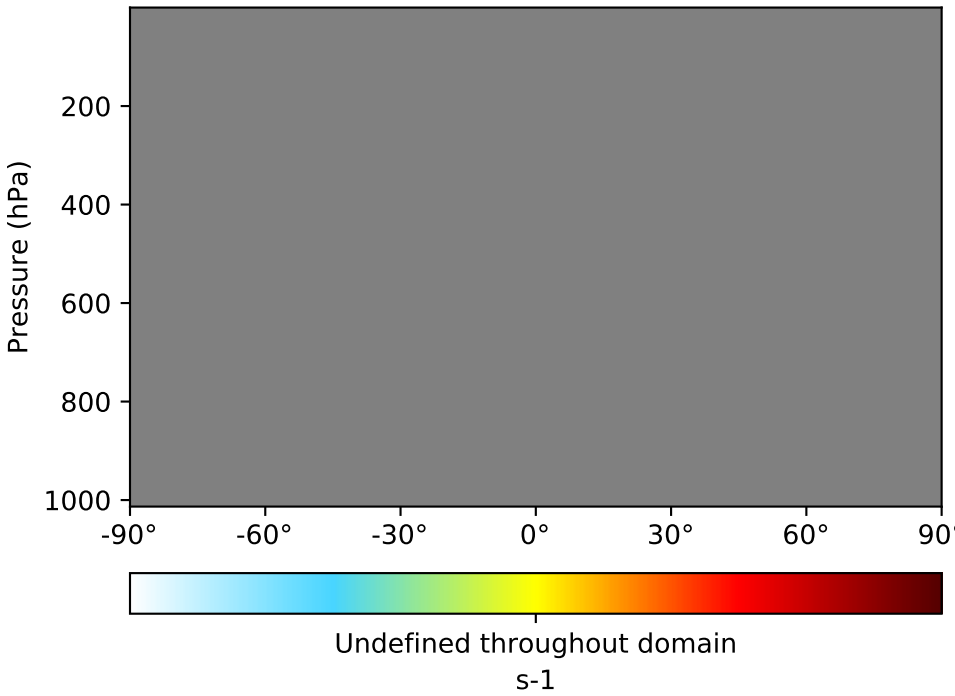


Ratio
Dev/Ref, Fixed Range

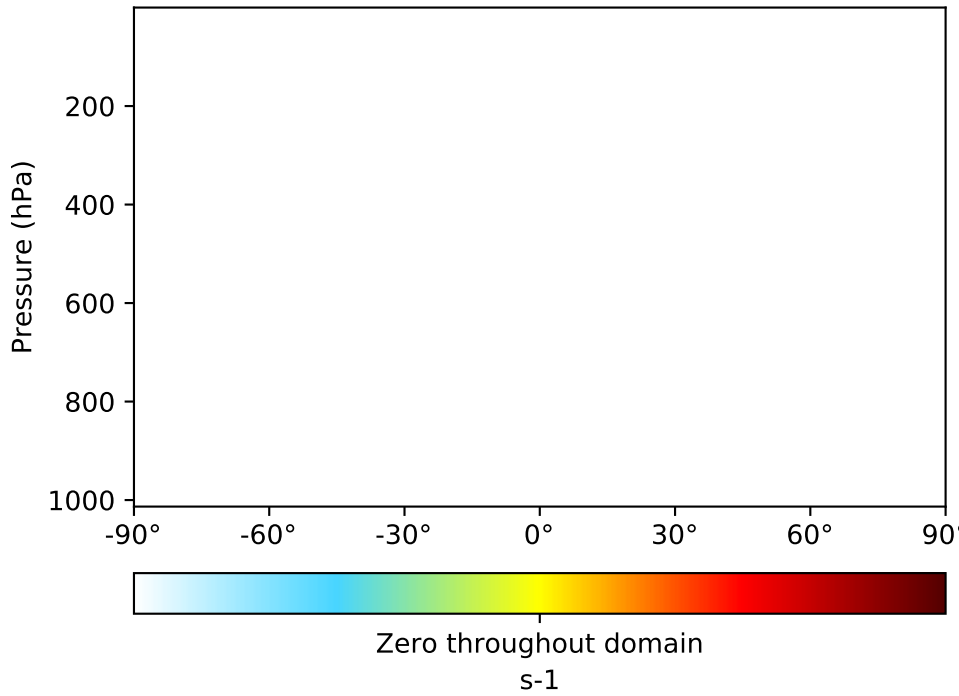


Jval_INPD, Zonal Mean (Jan2016)

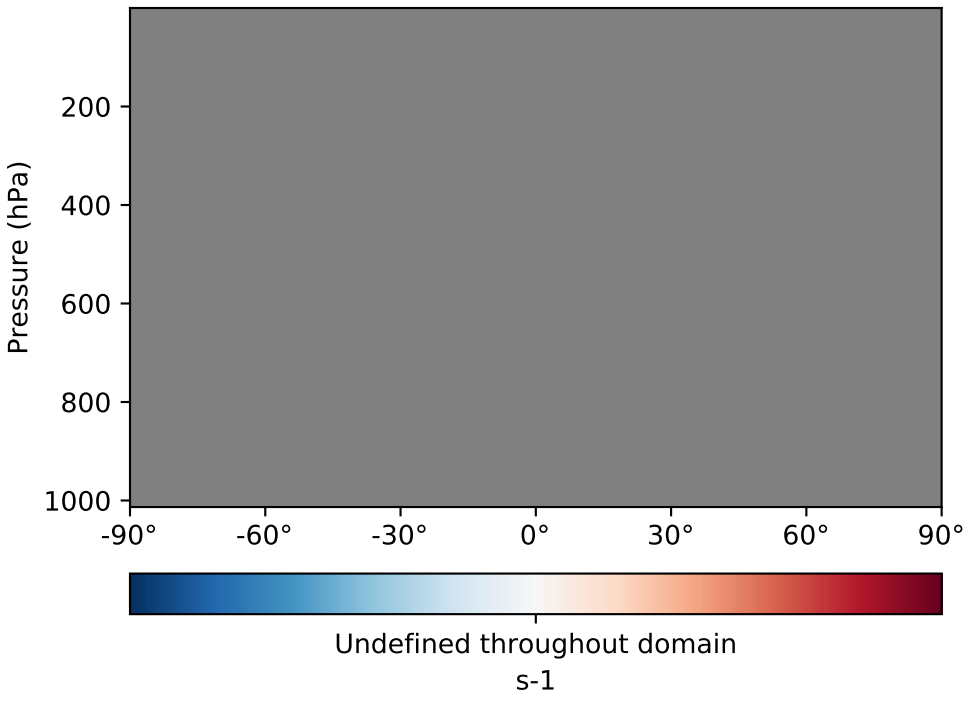
GC_12.6.0 (Ref)
4.0x5.0



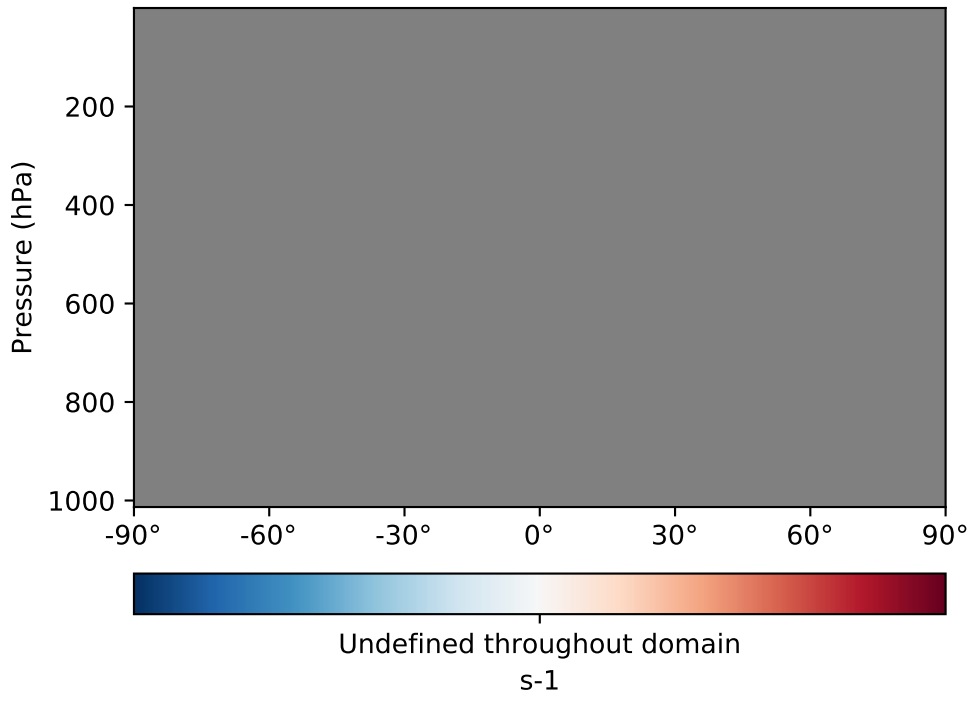
GC_12.8.0 (Dev)
4.0x5.0



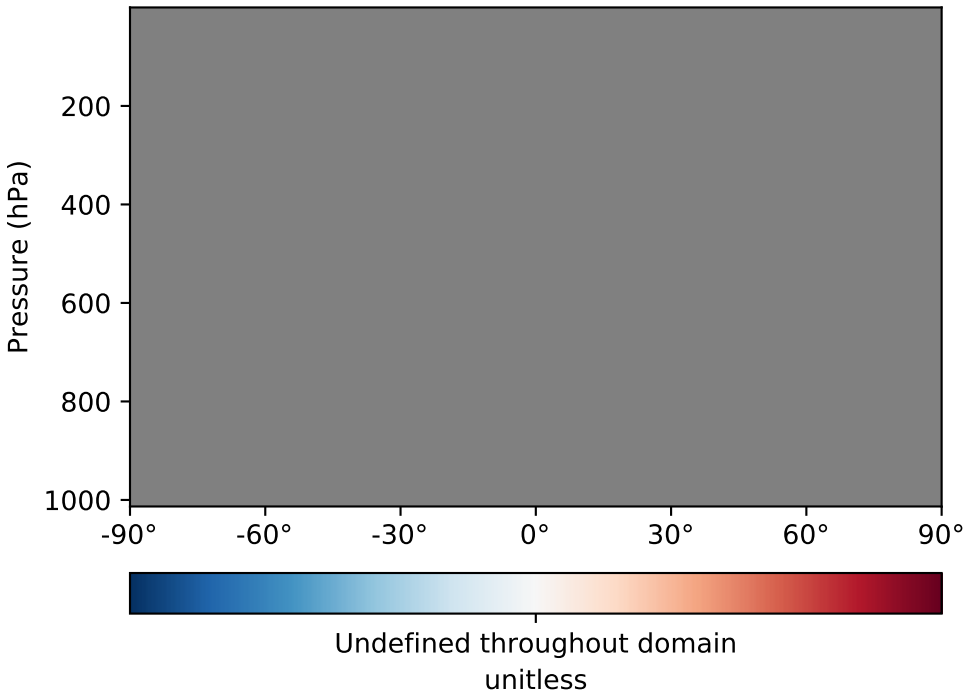
Difference
Dev - Ref, Dynamic Range



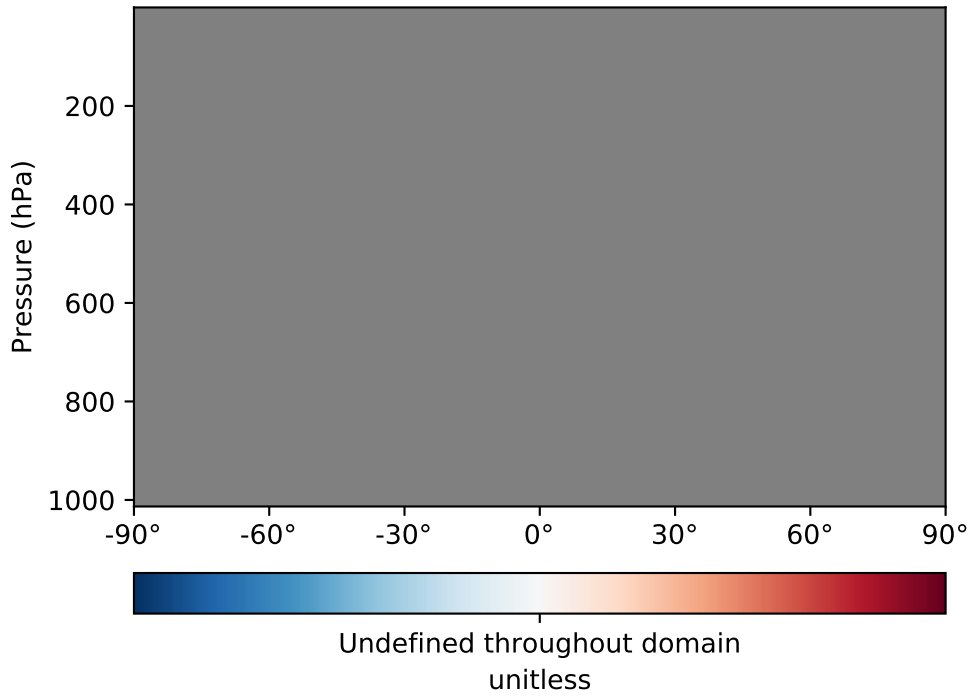
Difference
Dev - Ref, Restricted Range [5%,95%]



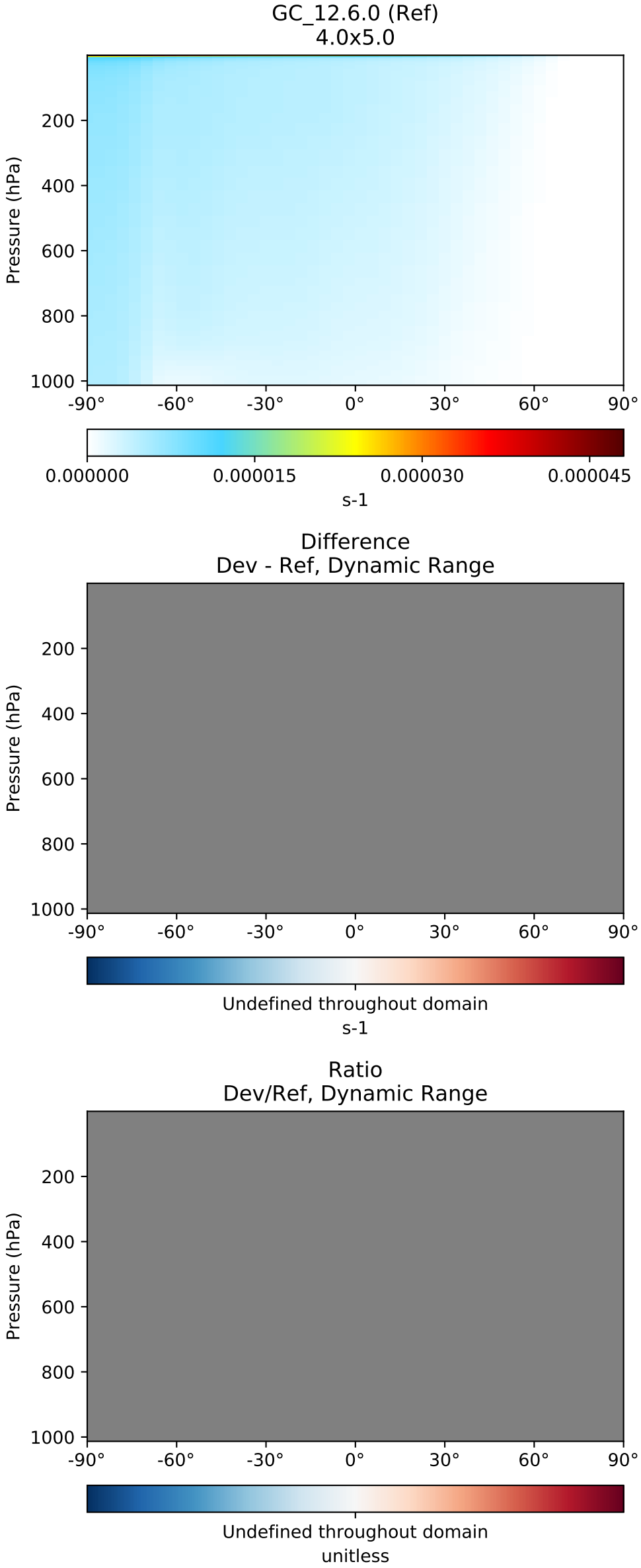
Ratio
Dev/Ref, Dynamic Range

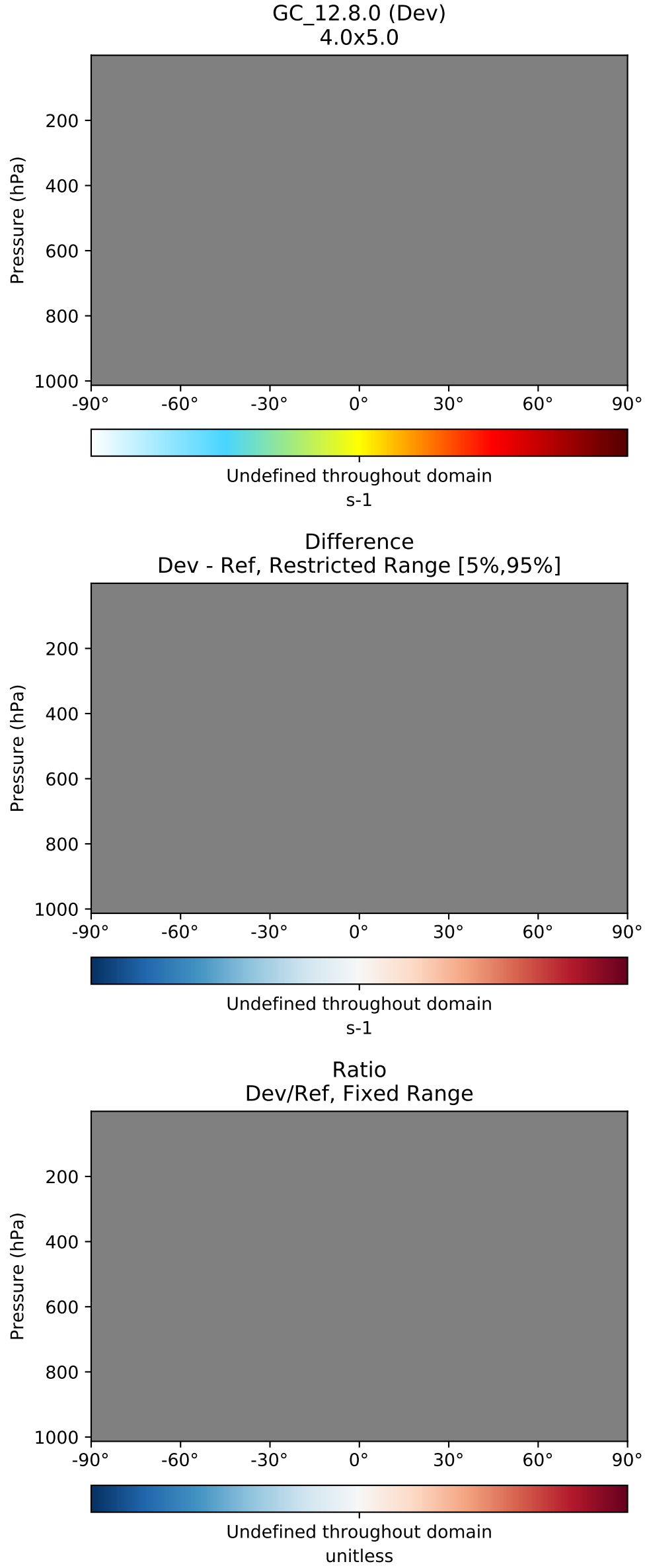


Ratio
Dev/Ref, Fixed Range

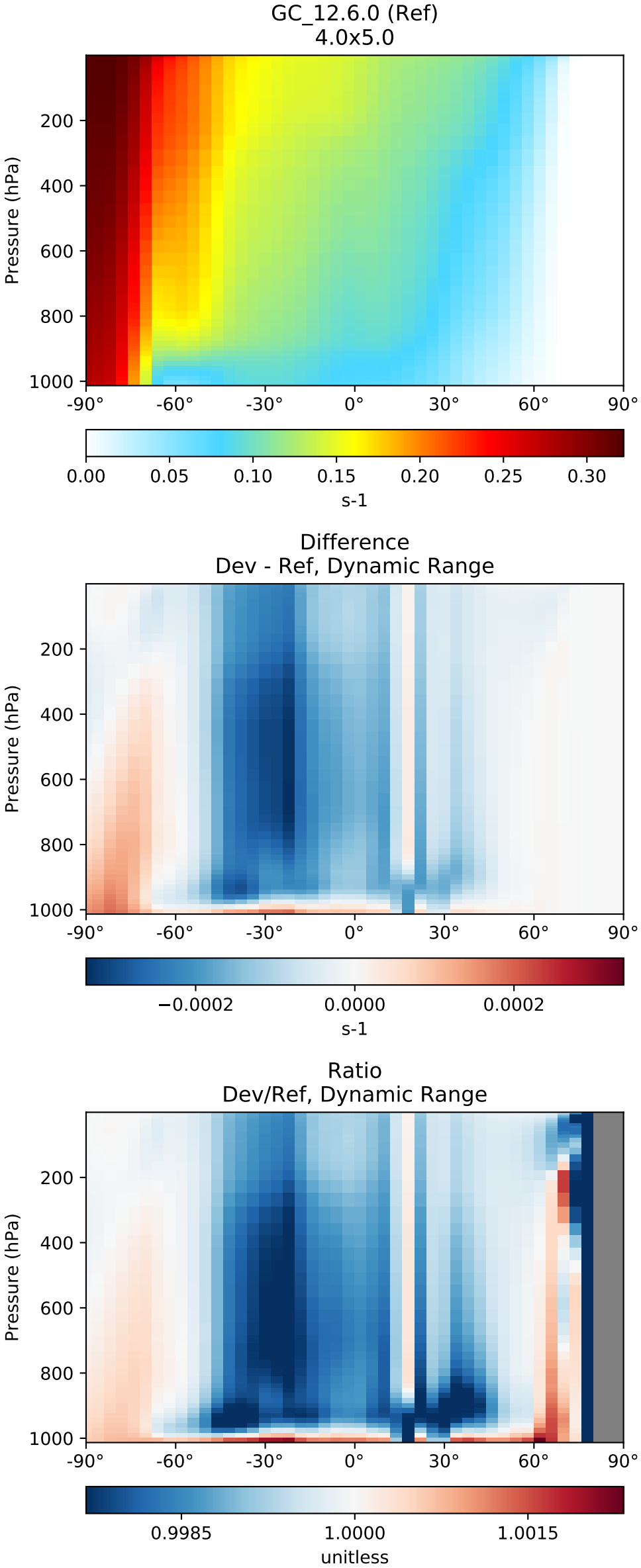


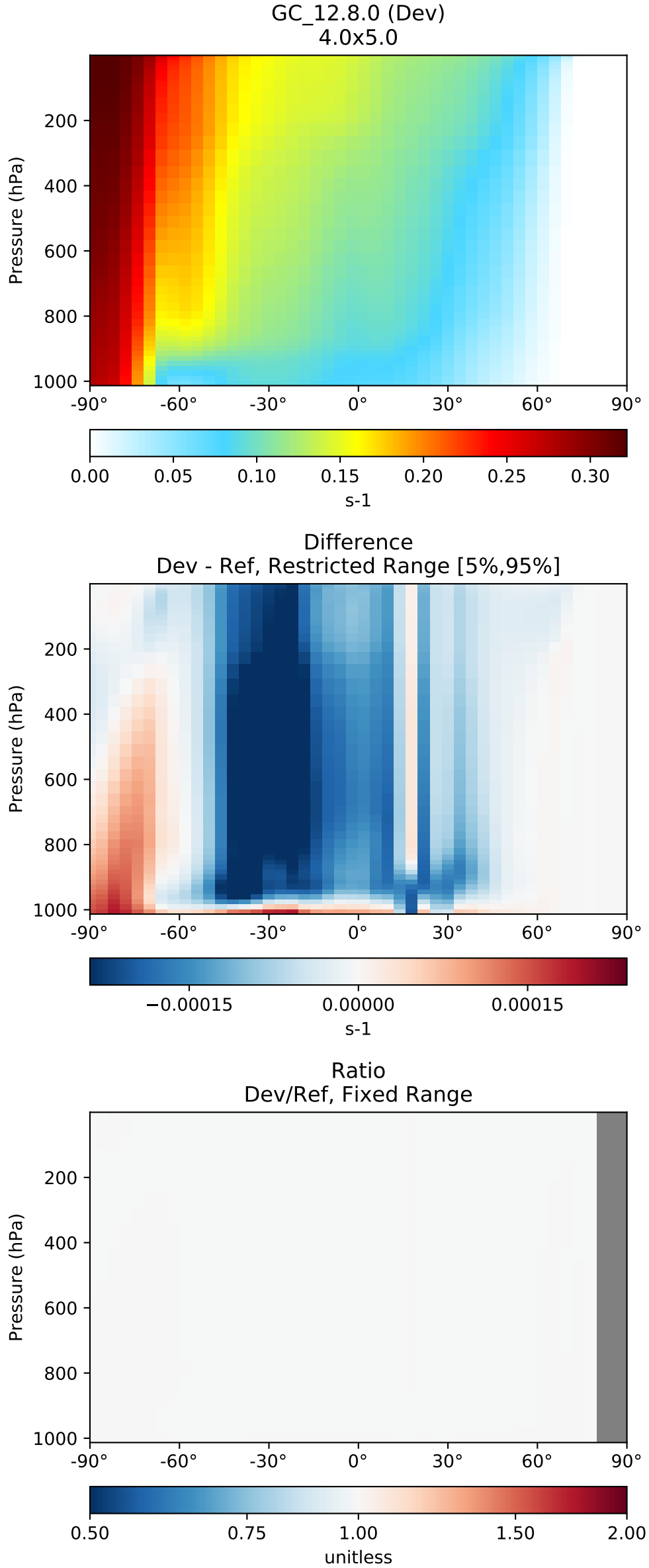
Jval_INPN, Zonal Mean (Jan2016)



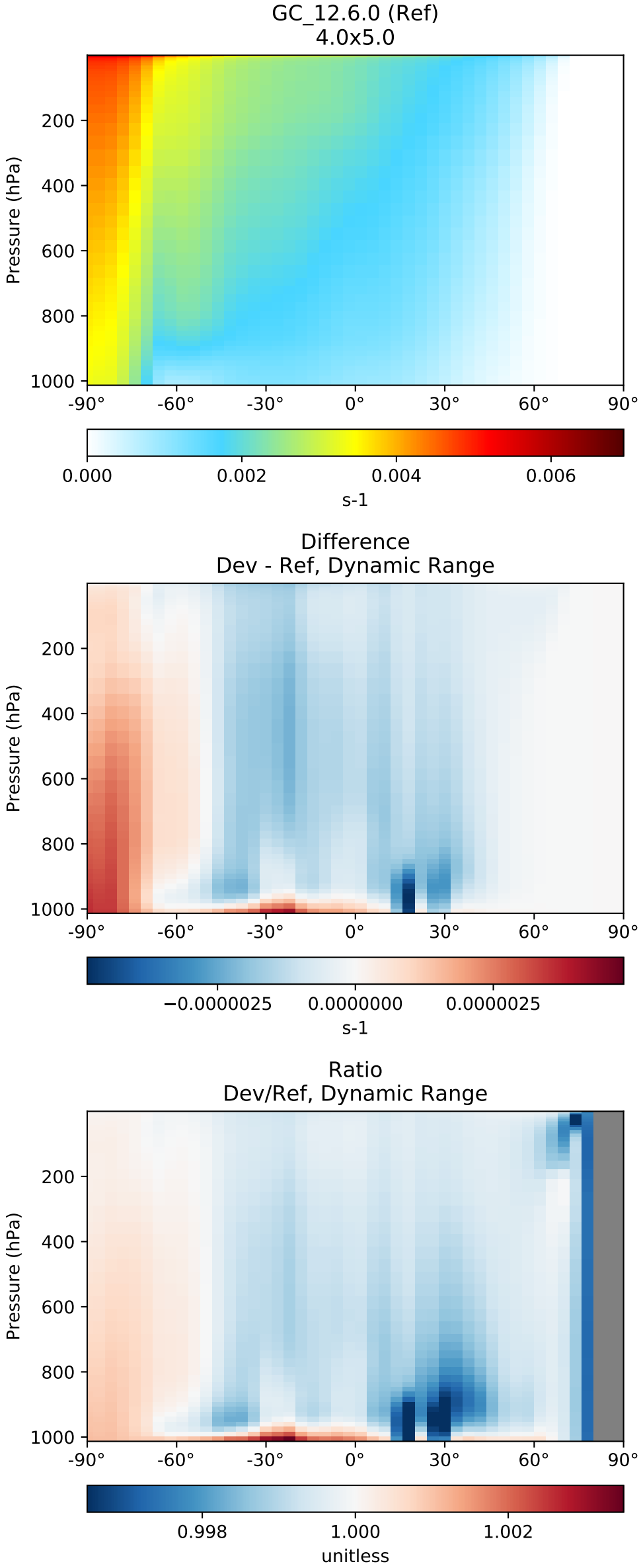


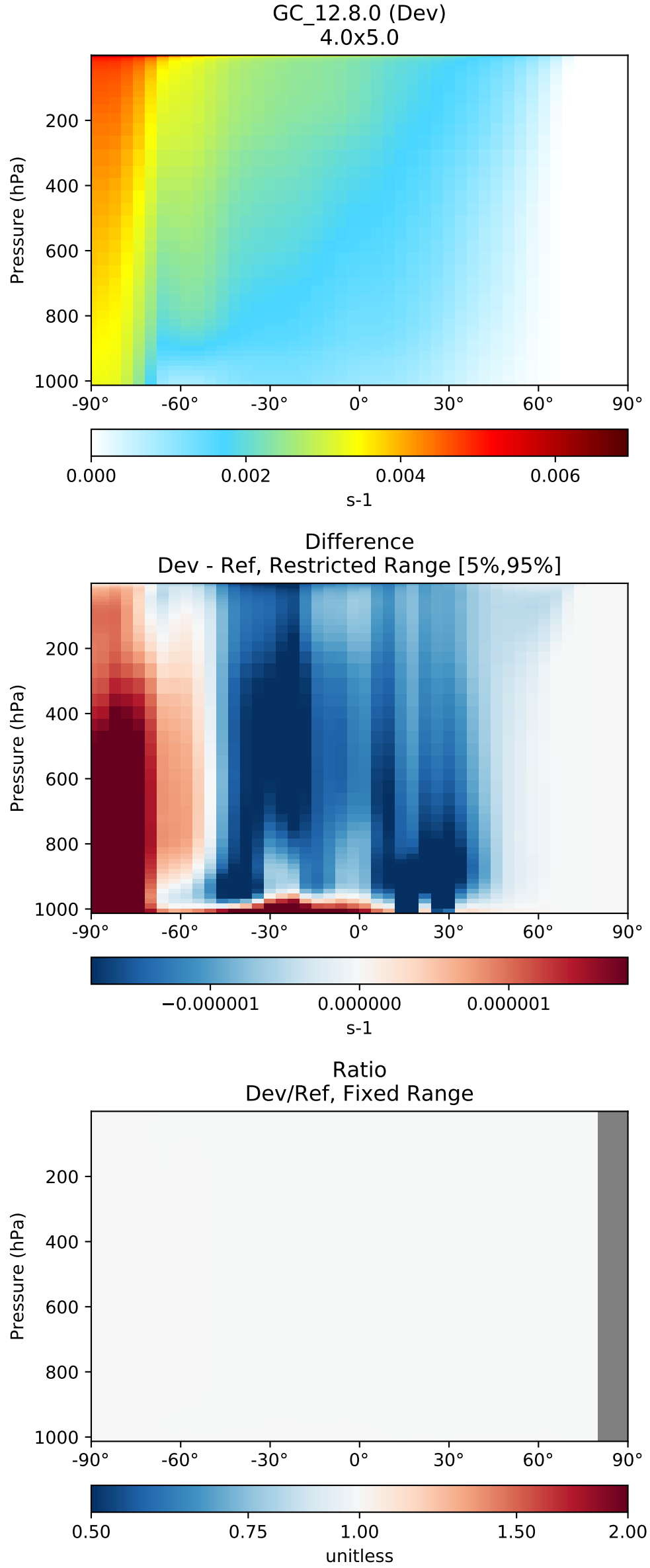
Jval_IO, Zonal Mean (Jan2016)



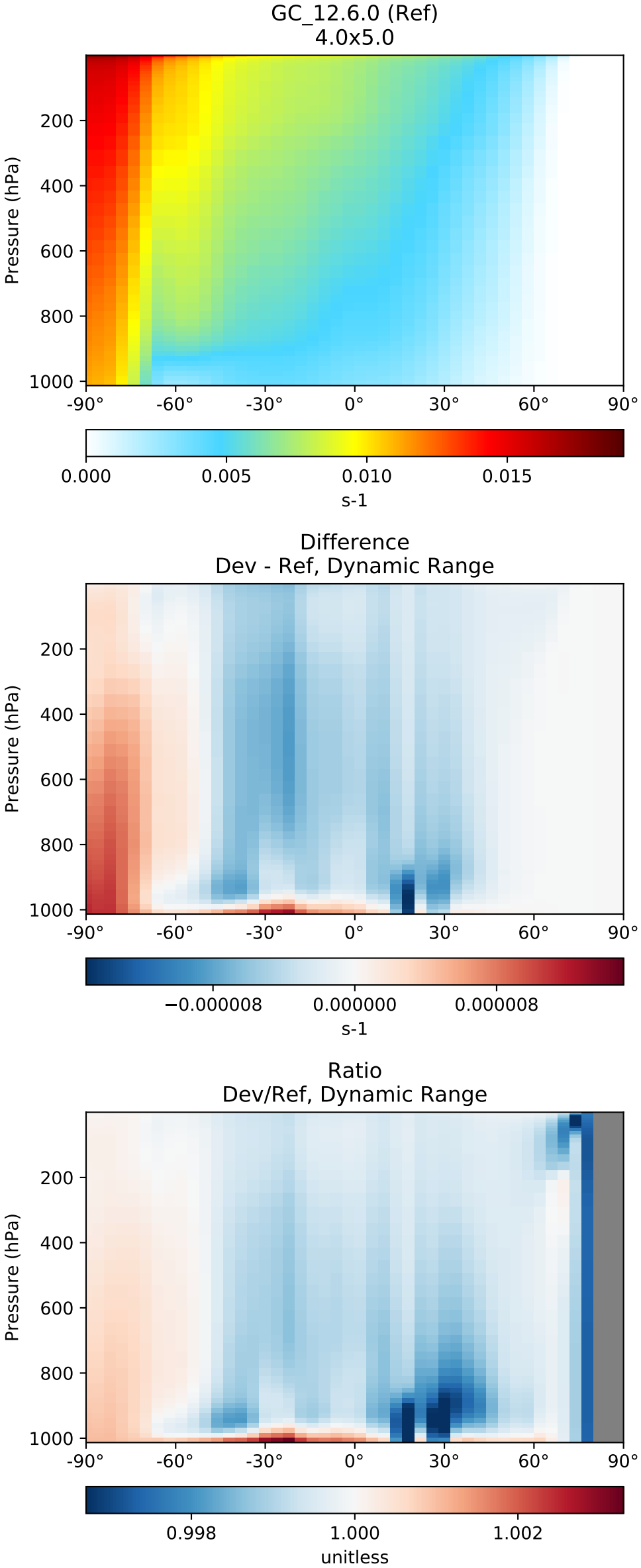


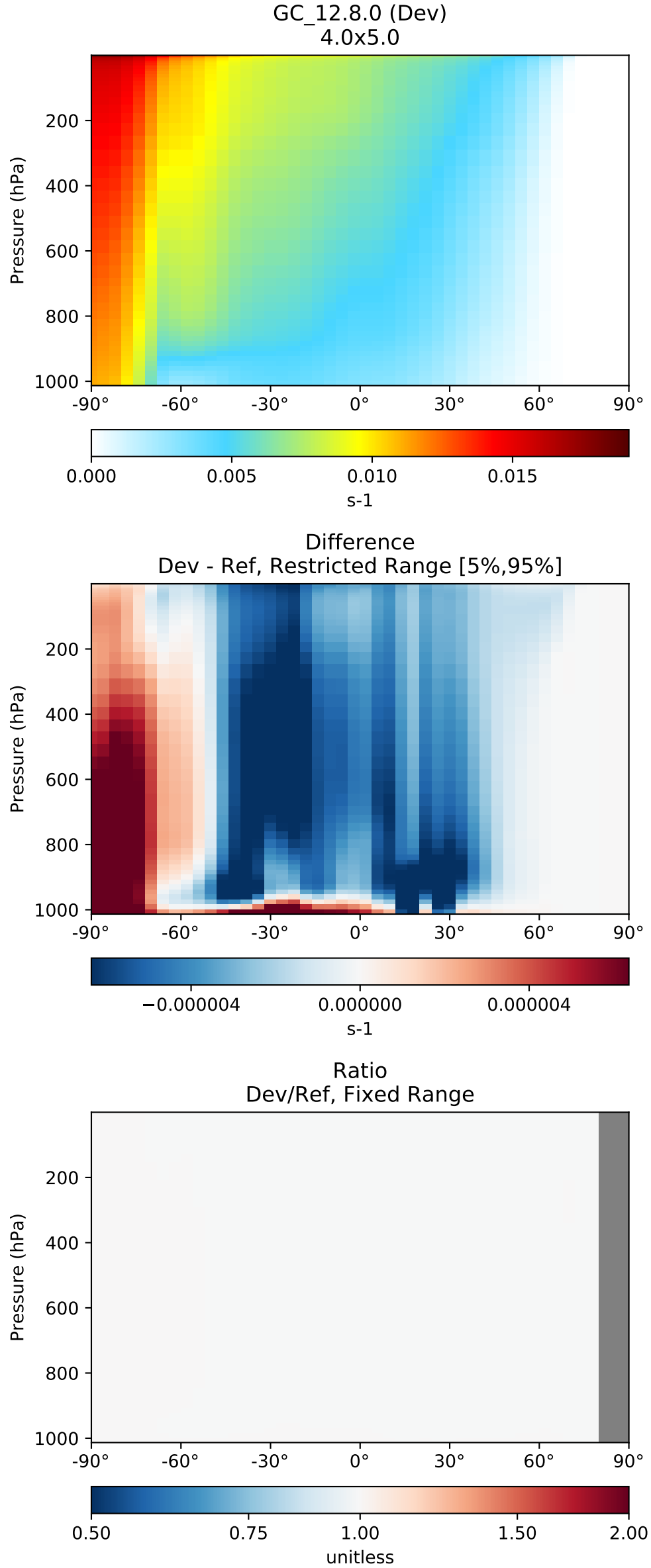
Jval_IONO, Zonal Mean (Jan2016)



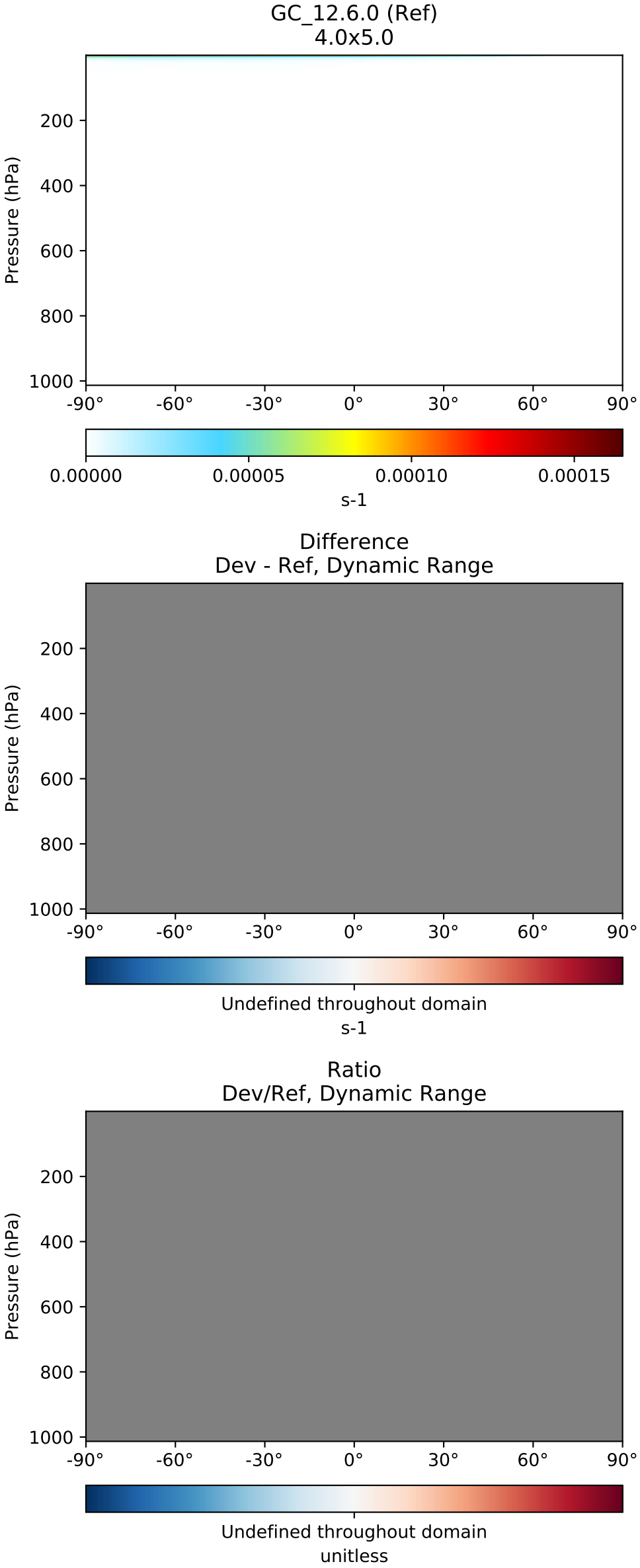


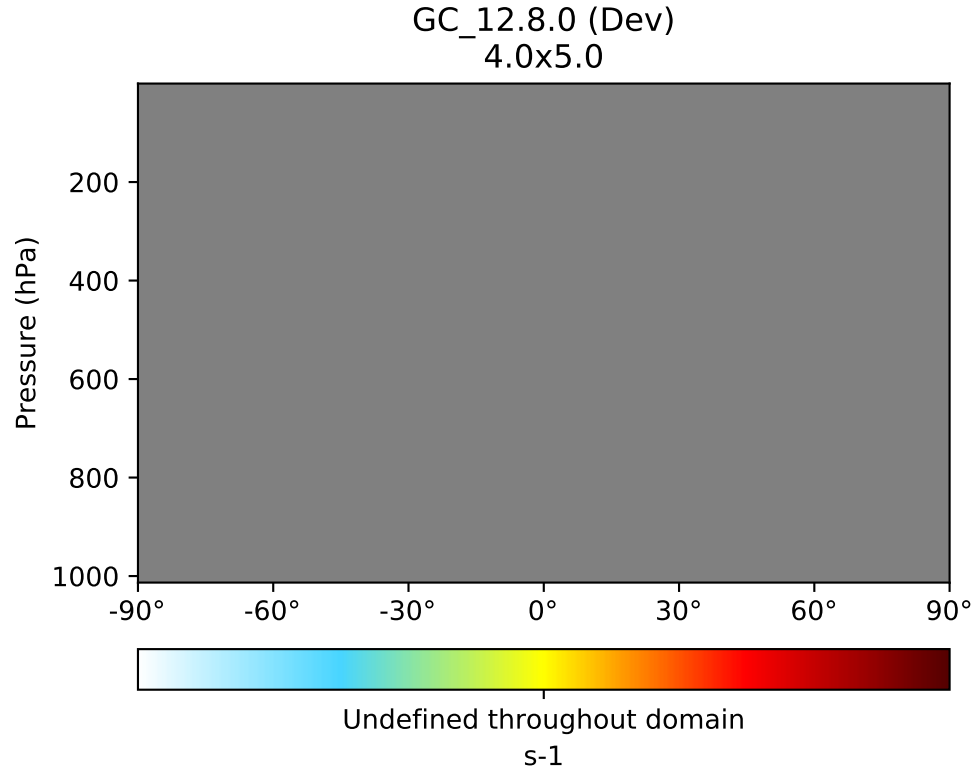
Jval_IONO2, Zonal Mean (Jan2016)

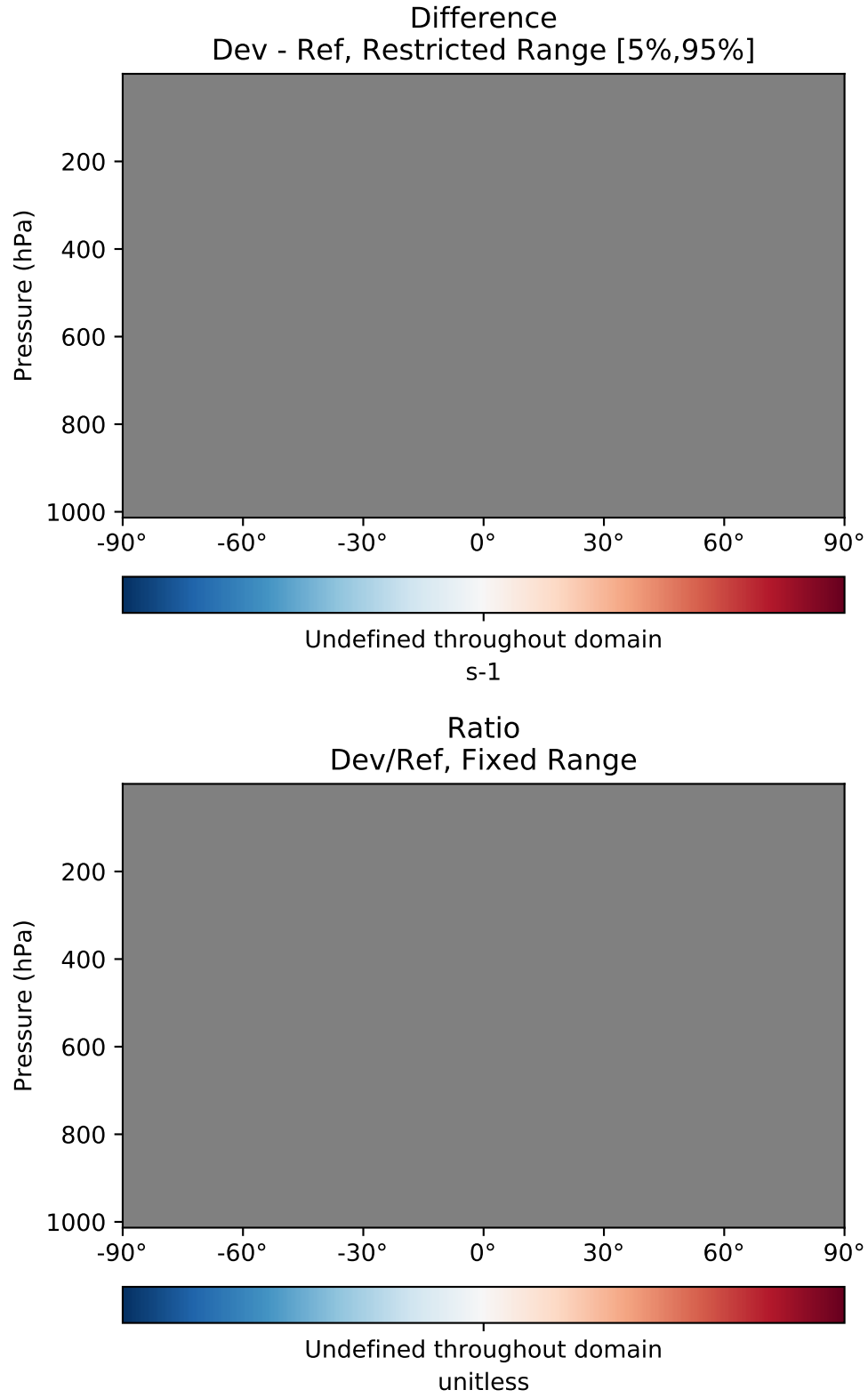




Jval_IPMN, Zonal Mean (Jan2016)

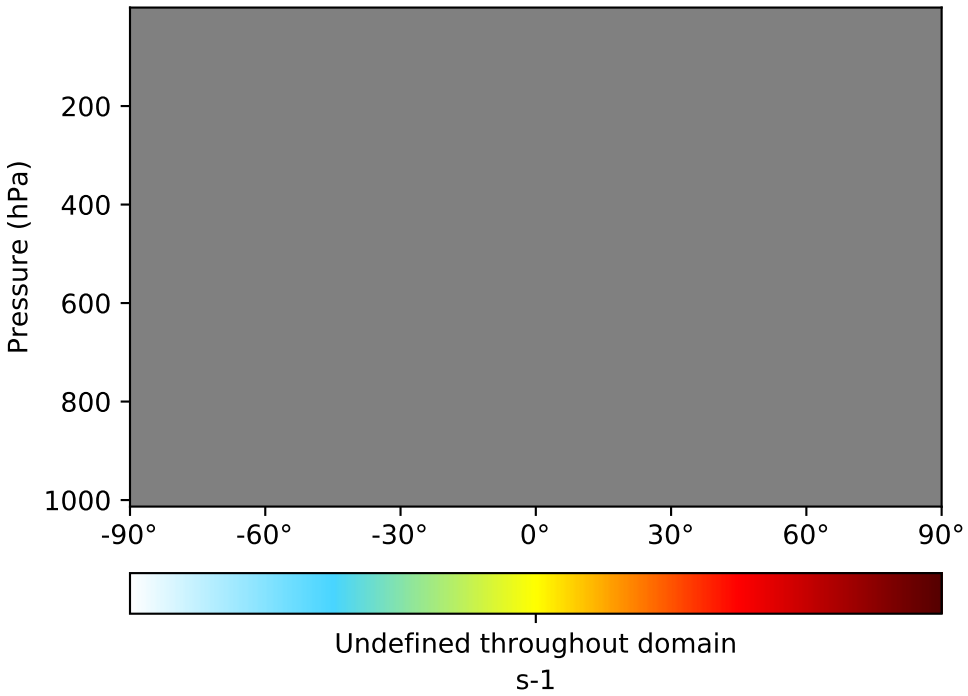




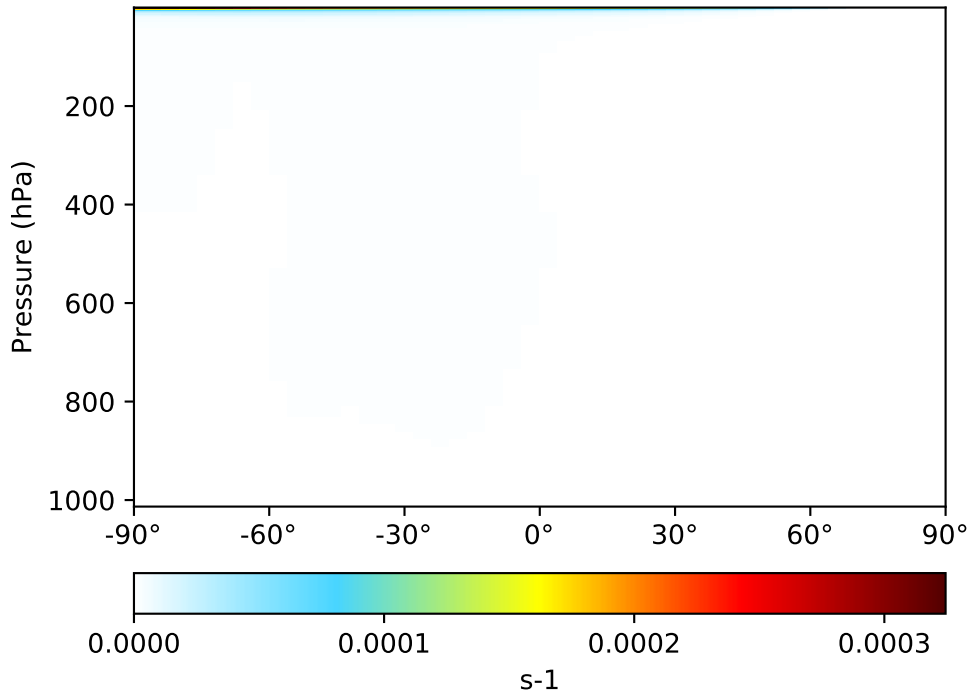


Jval_IPRNO3, Zonal Mean (Jan2016)

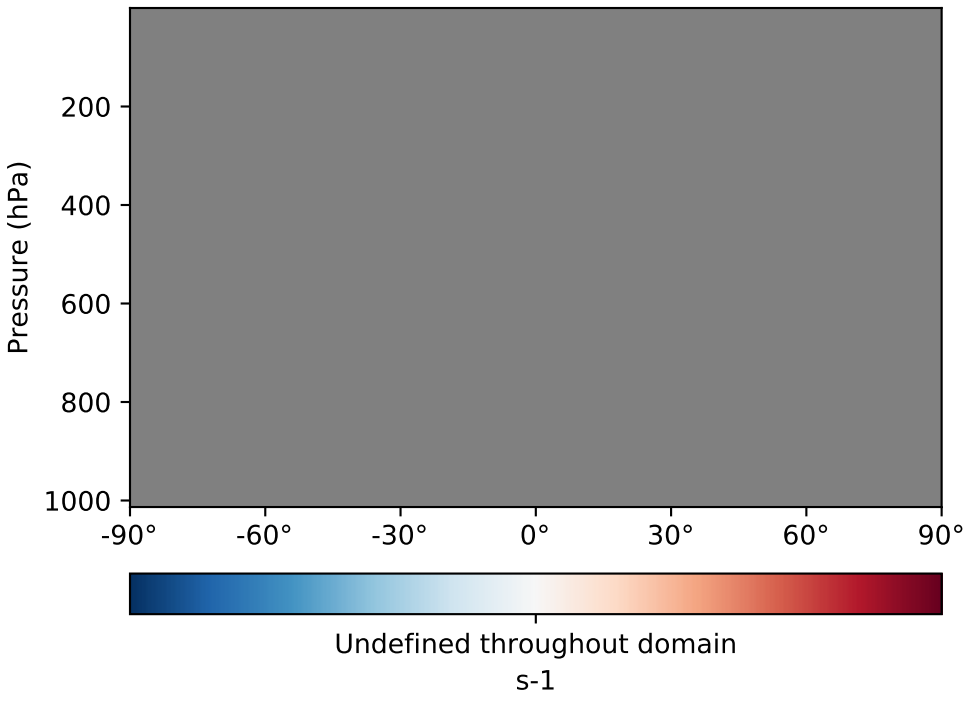
GC_12.6.0 (Ref)
4.0x5.0



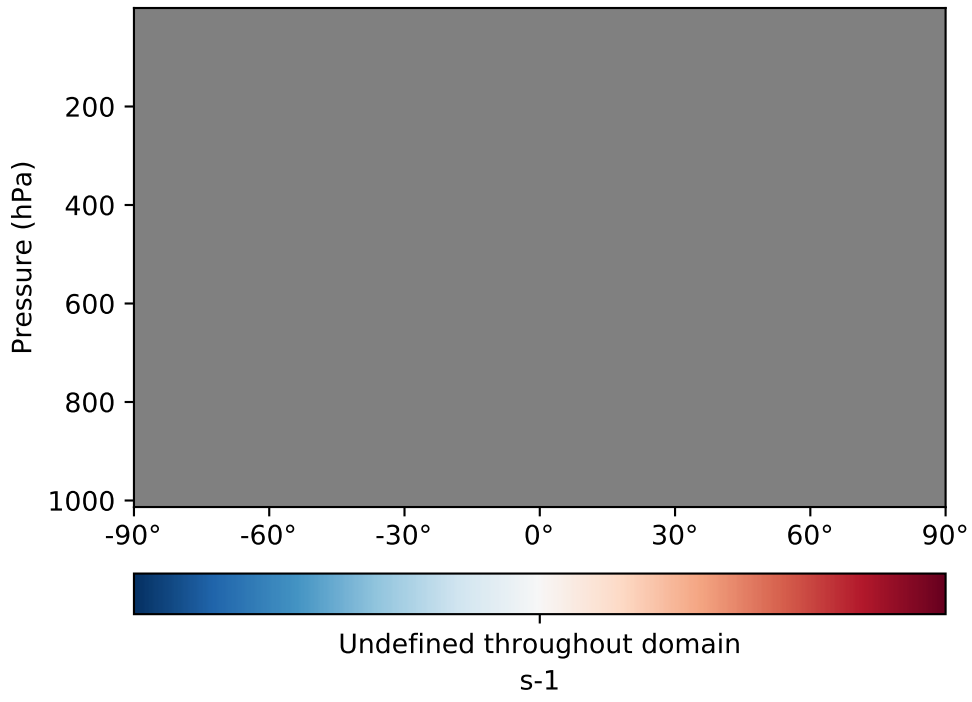
GC_12.8.0 (Dev)
4.0x5.0



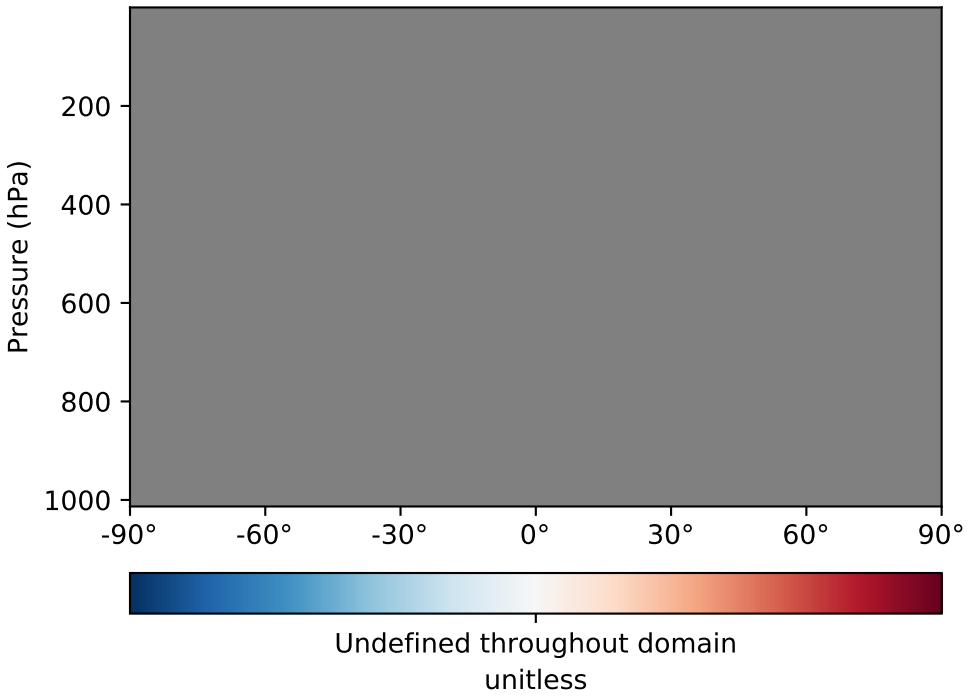
Difference
Dev - Ref, Dynamic Range



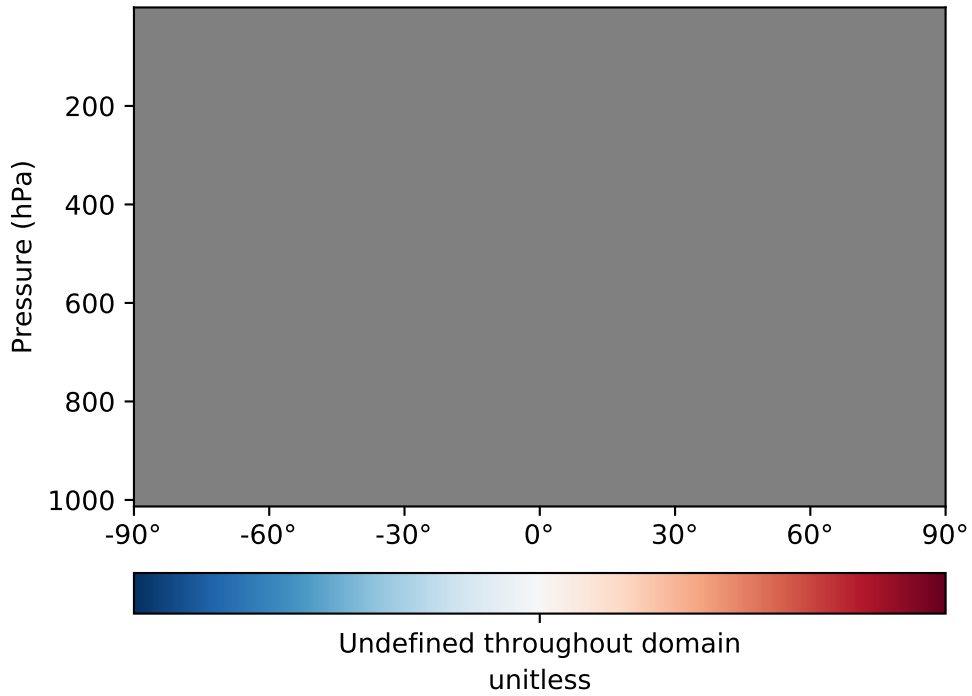
Difference
Dev - Ref, Restricted Range [5%,95%]



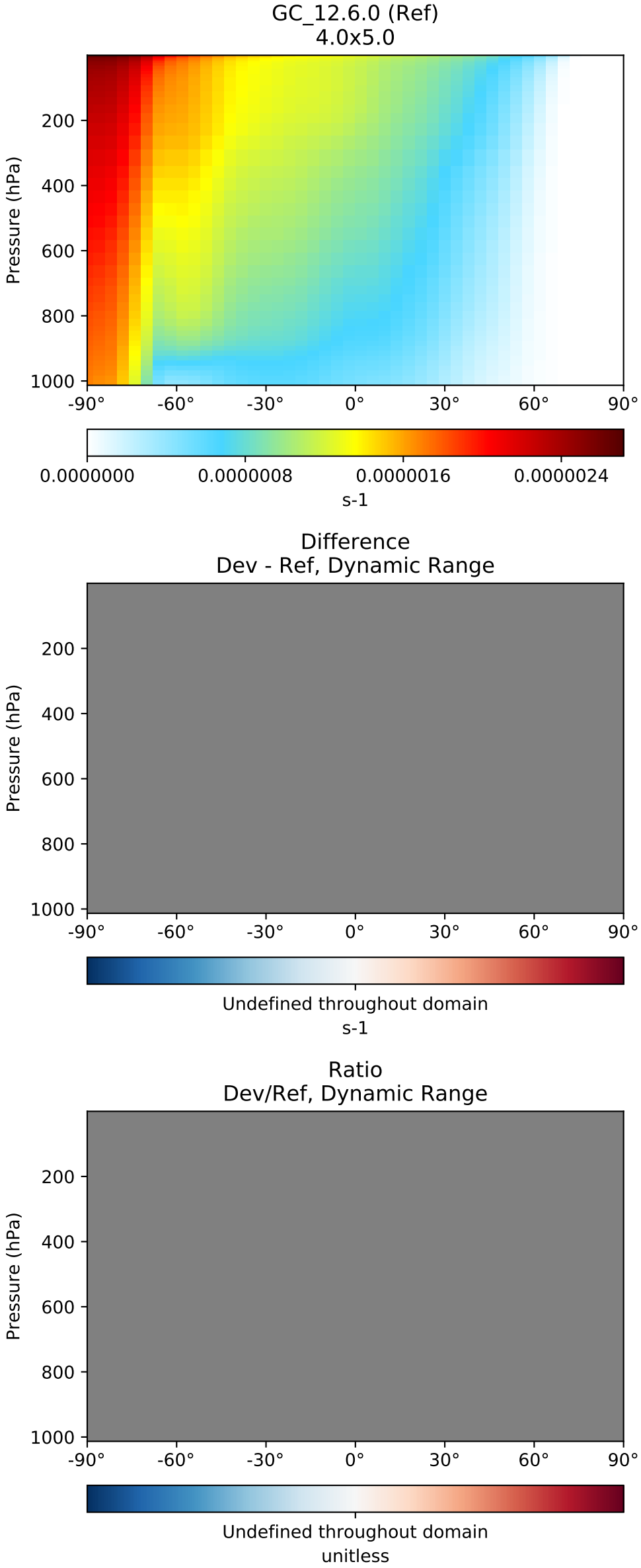
Ratio
Dev/Ref, Dynamic Range

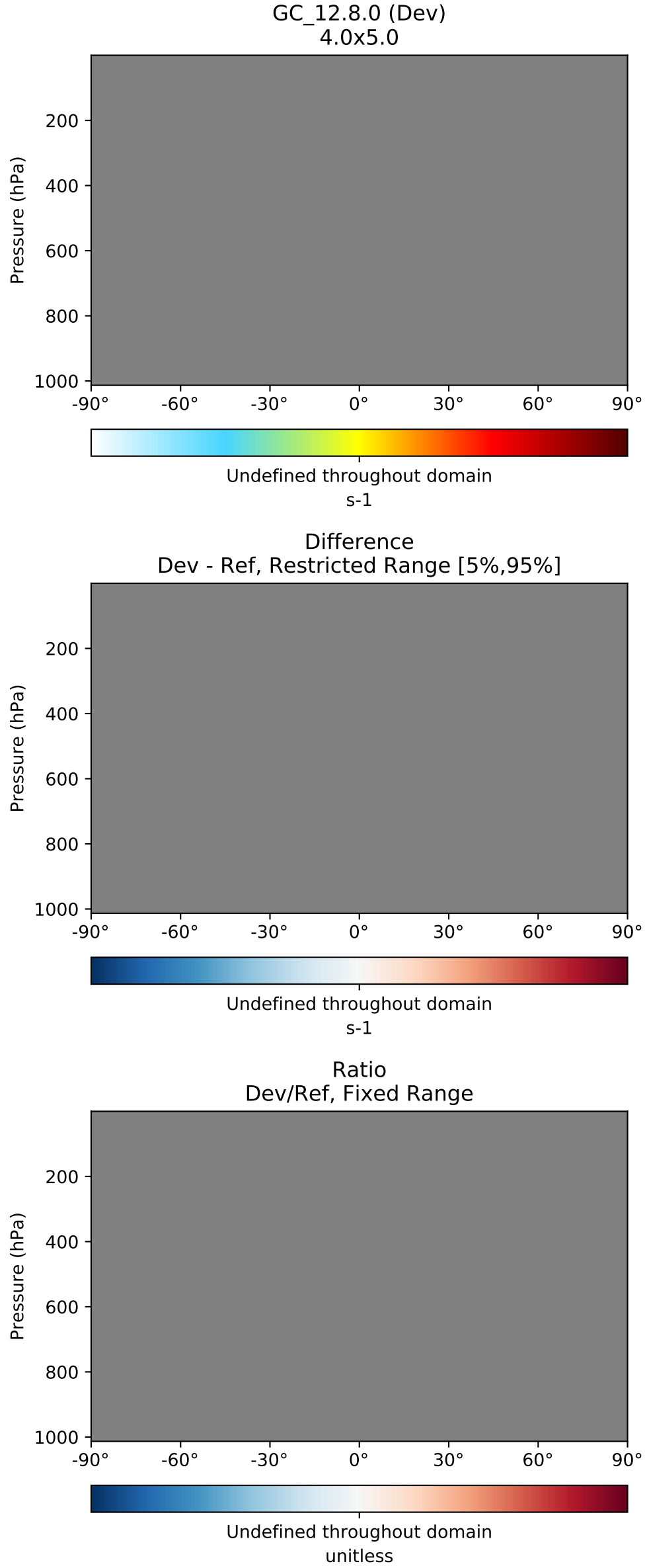


Ratio
Dev/Ref, Fixed Range

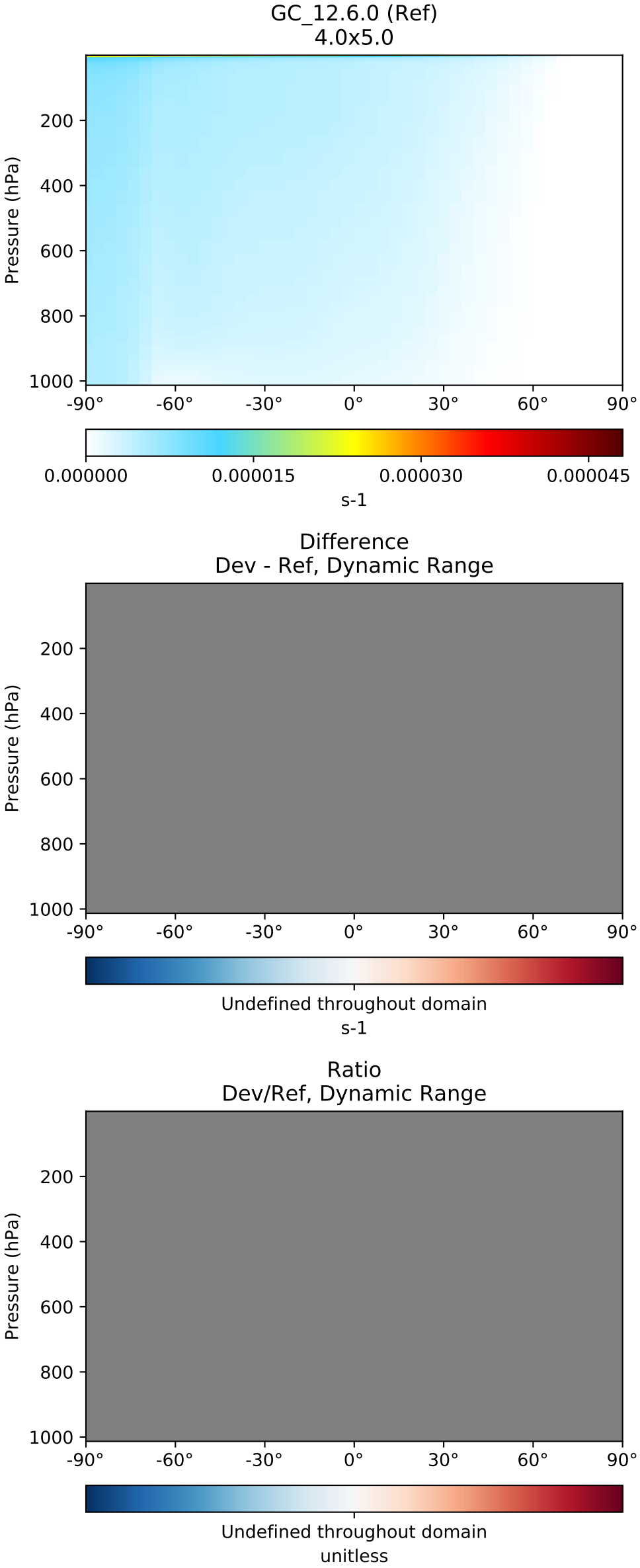


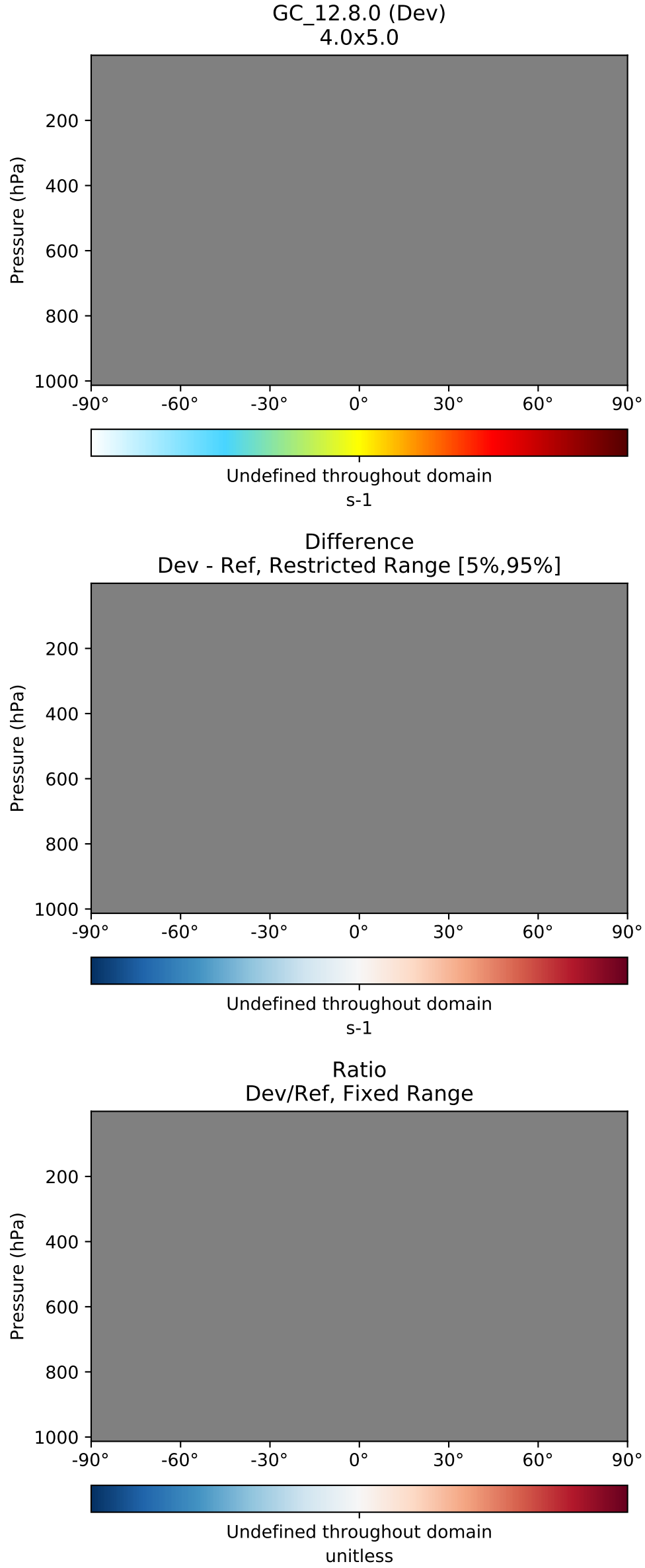
Jval_ISN1, Zonal Mean (Jan2016)



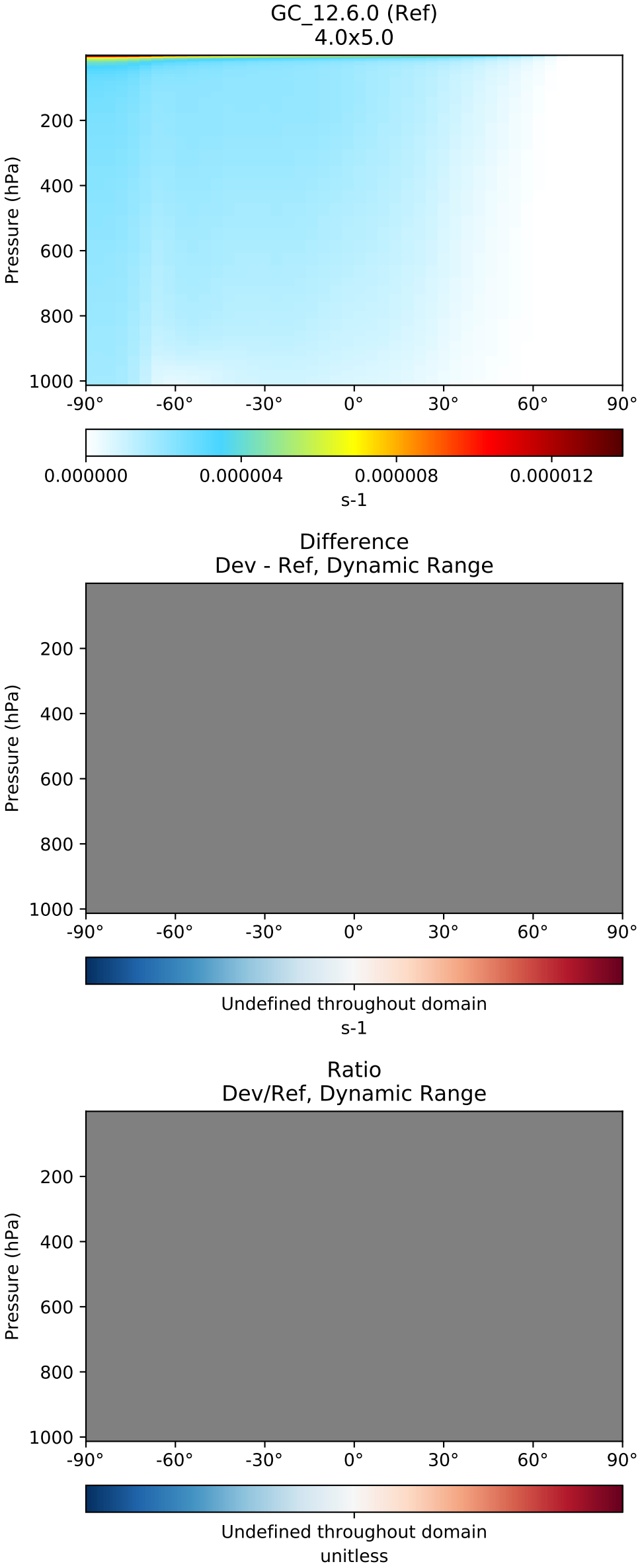


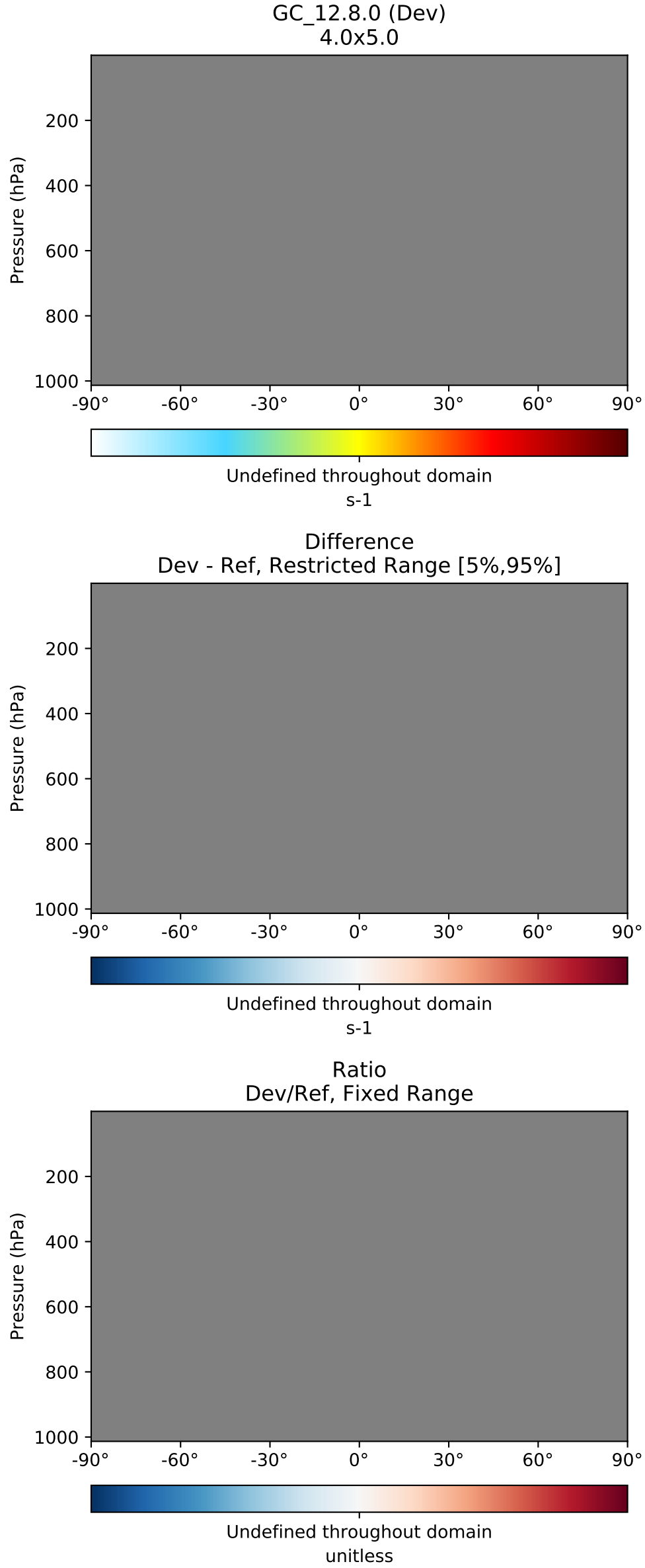
Jval_ISNP, Zonal Mean (Jan2016)



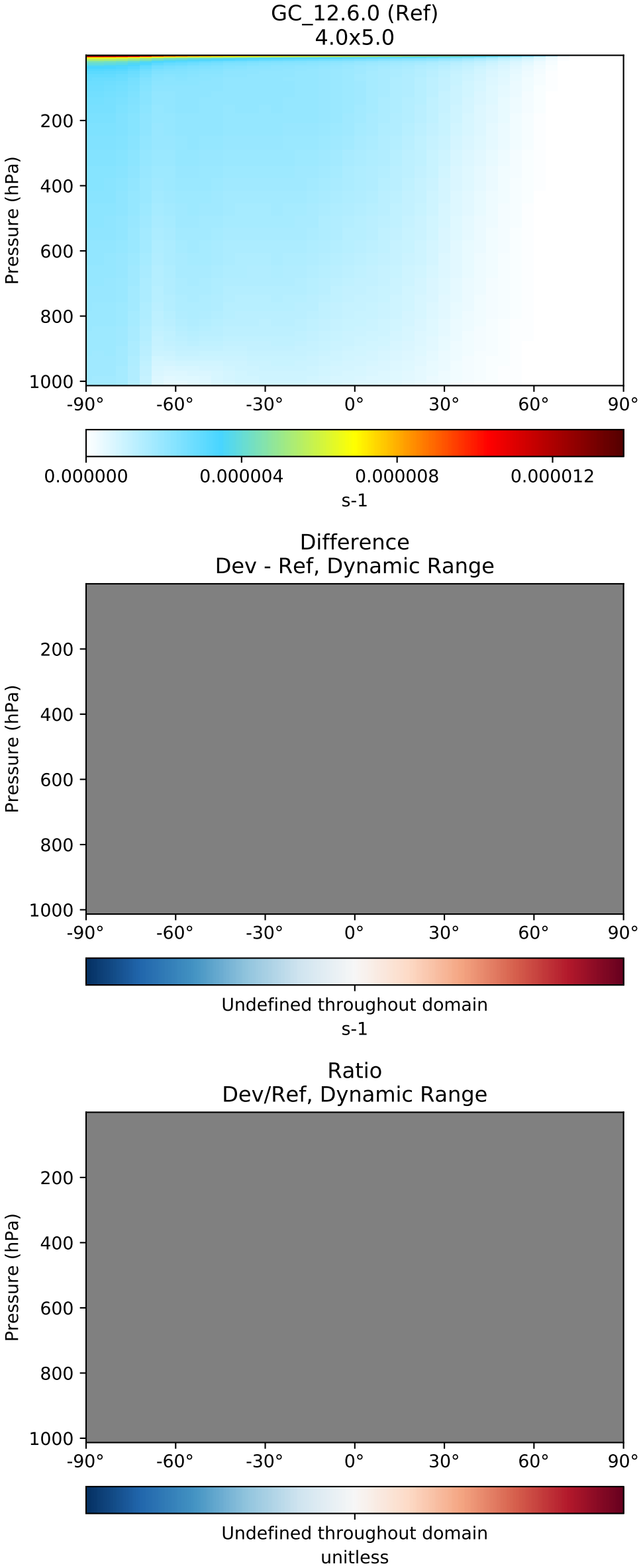


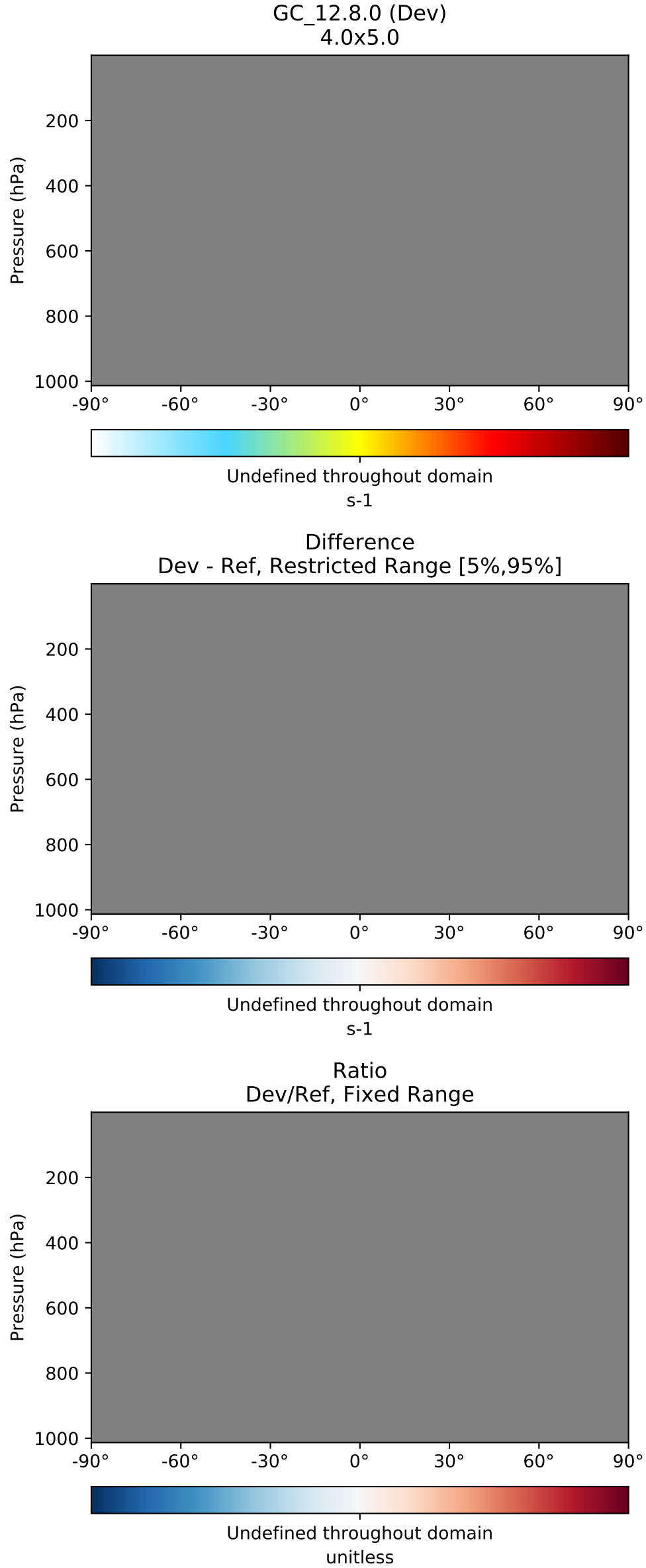
Jval_ISOPNB, Zonal Mean (Jan2016)





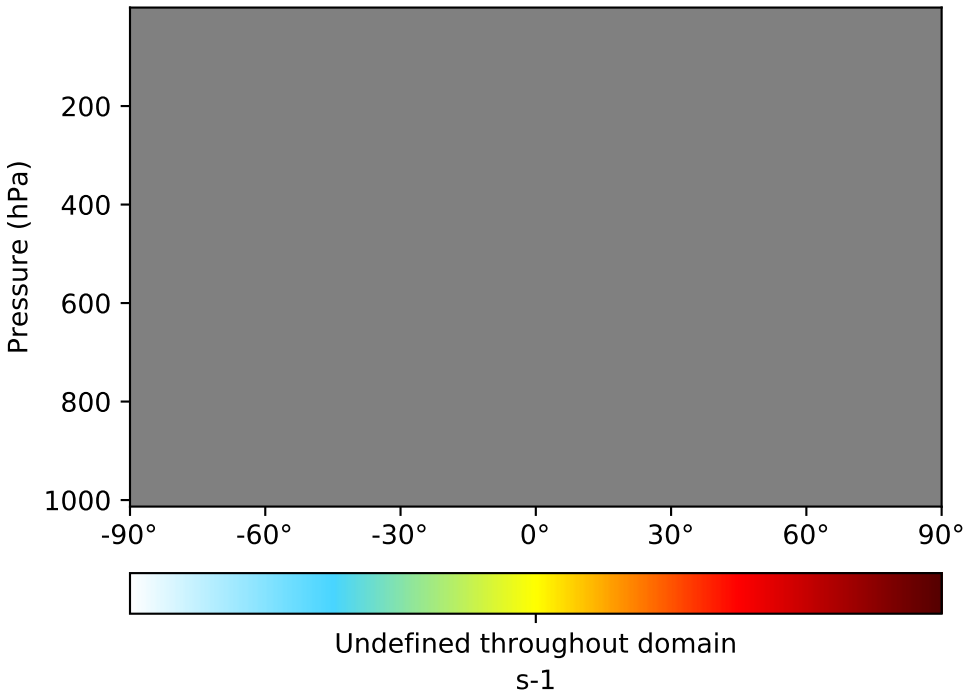
Jval_ISOPND, Zonal Mean (Jan2016)



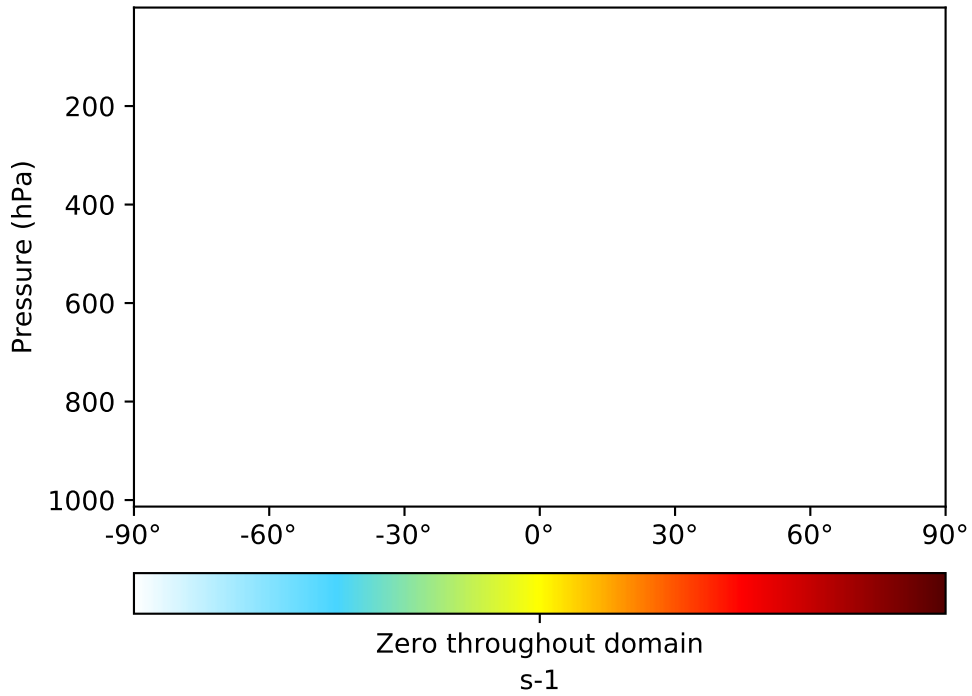


Jval_ITCN, Zonal Mean (Jan2016)

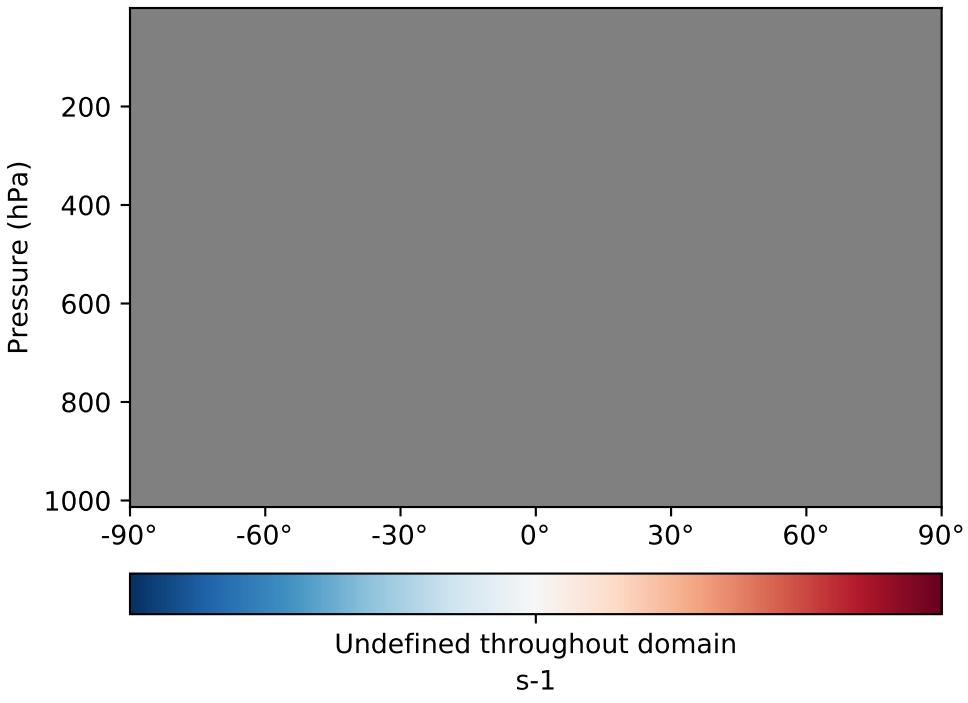
GC_12.6.0 (Ref)
4.0x5.0



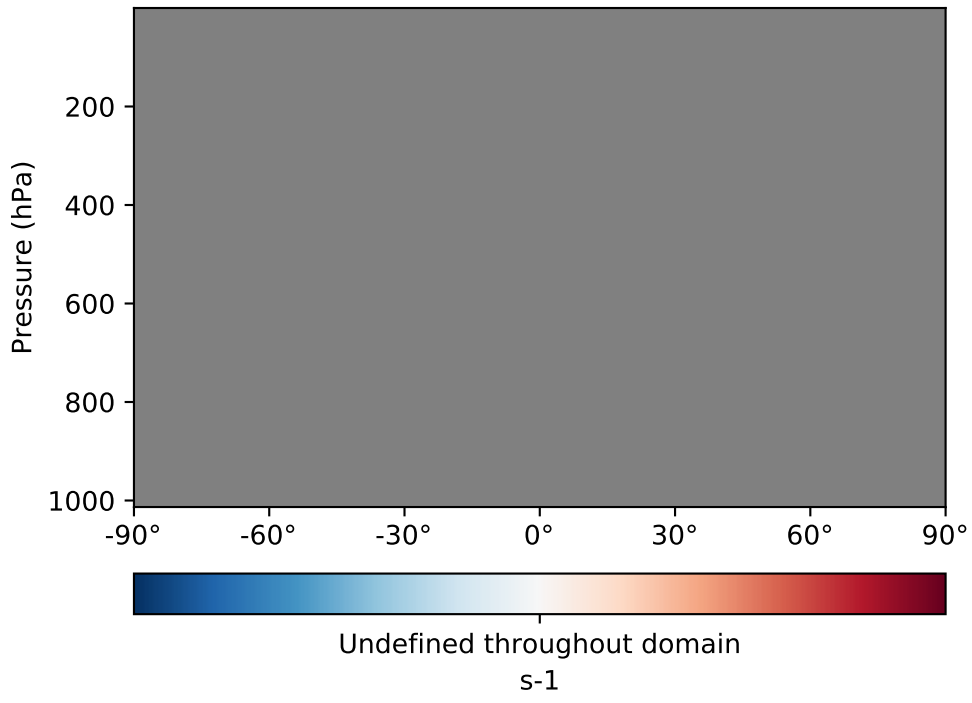
GC_12.8.0 (Dev)
4.0x5.0



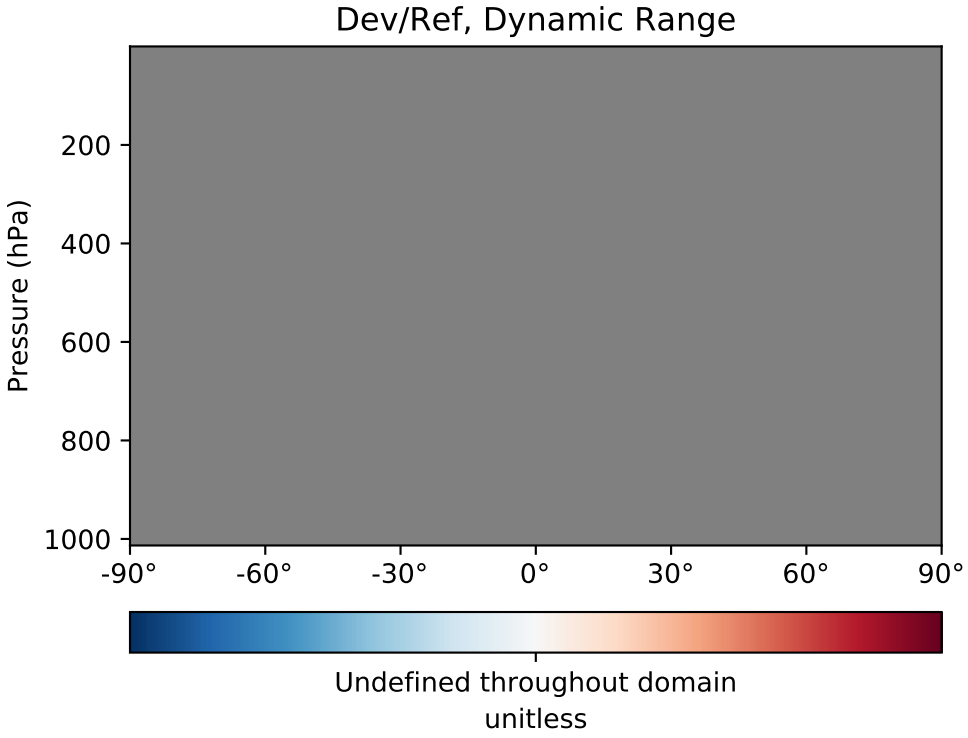
Difference
Dev - Ref, Dynamic Range



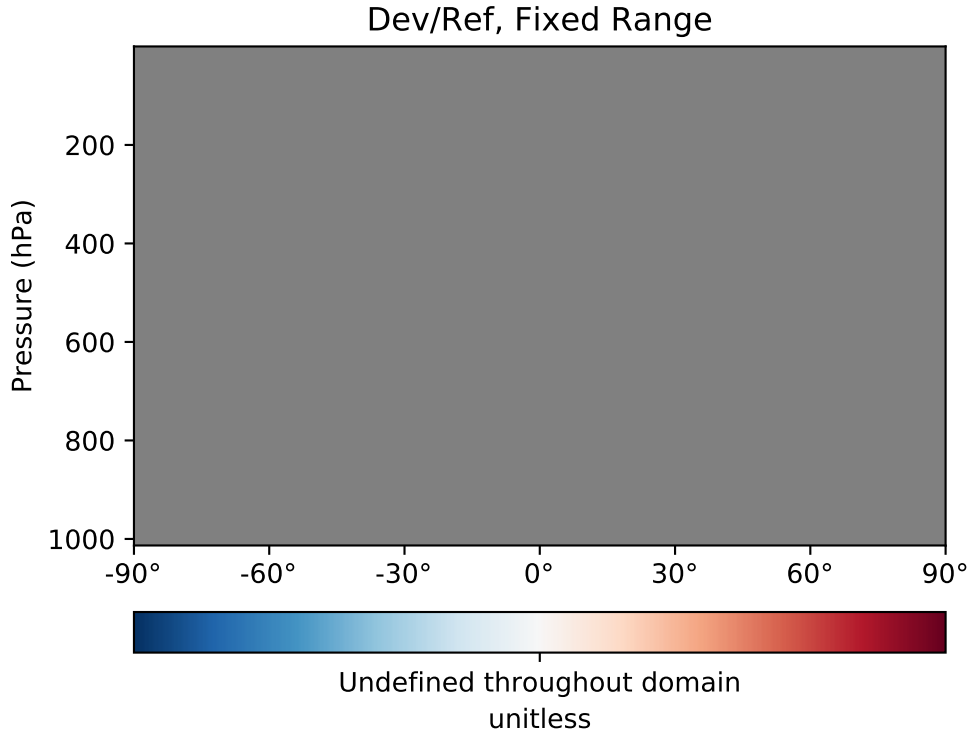
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

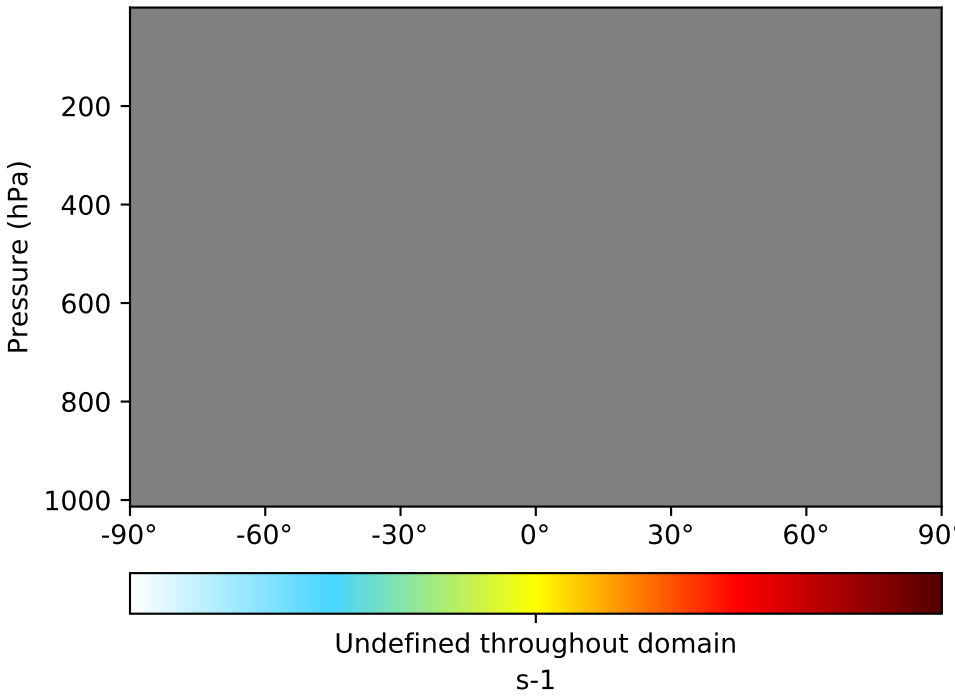


Ratio
Dev/Ref, Fixed Range

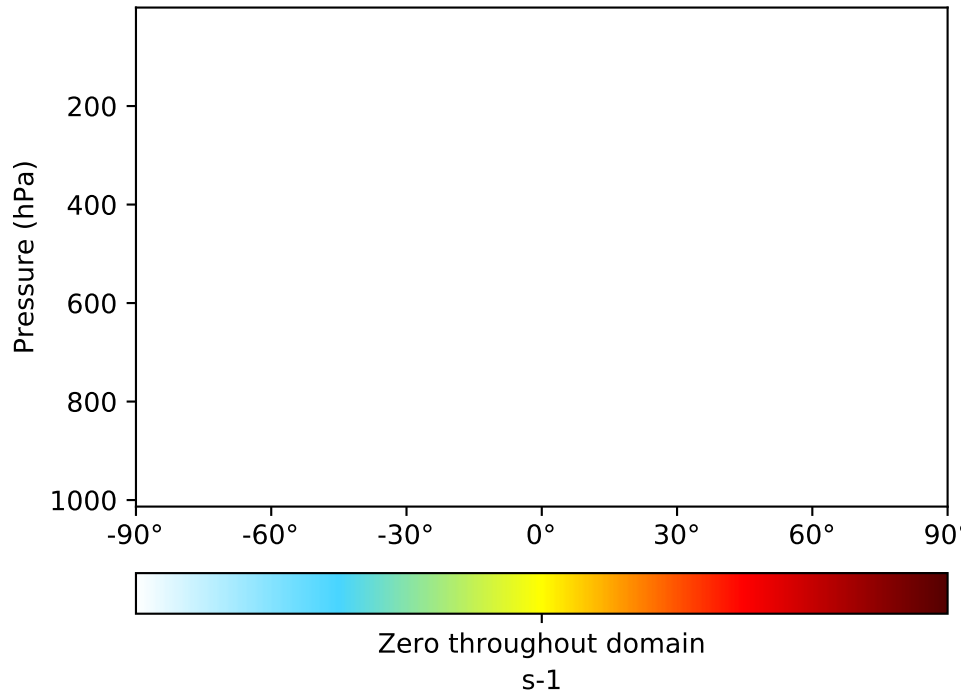


Jval_ITHN, Zonal Mean (Jan2016)

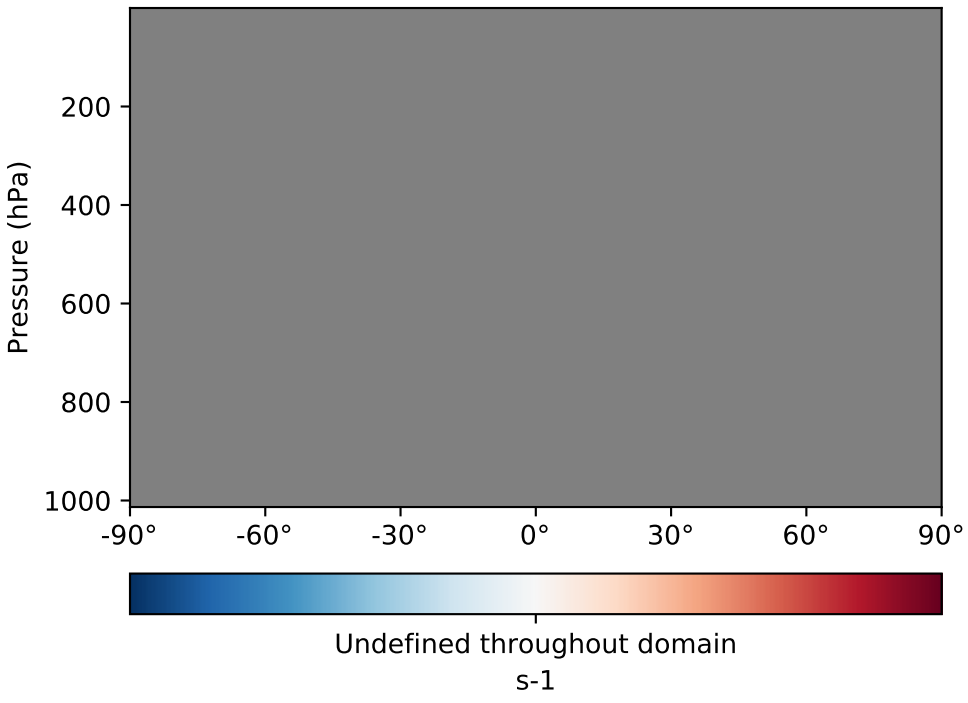
GC_12.6.0 (Ref)
4.0x5.0



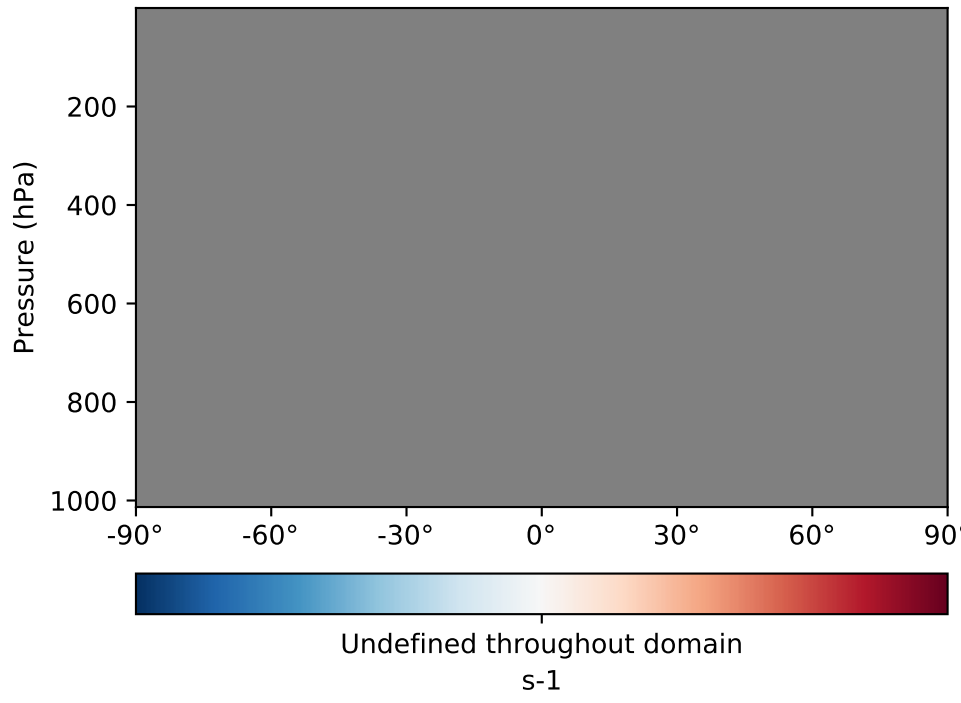
GC_12.8.0 (Dev)
4.0x5.0



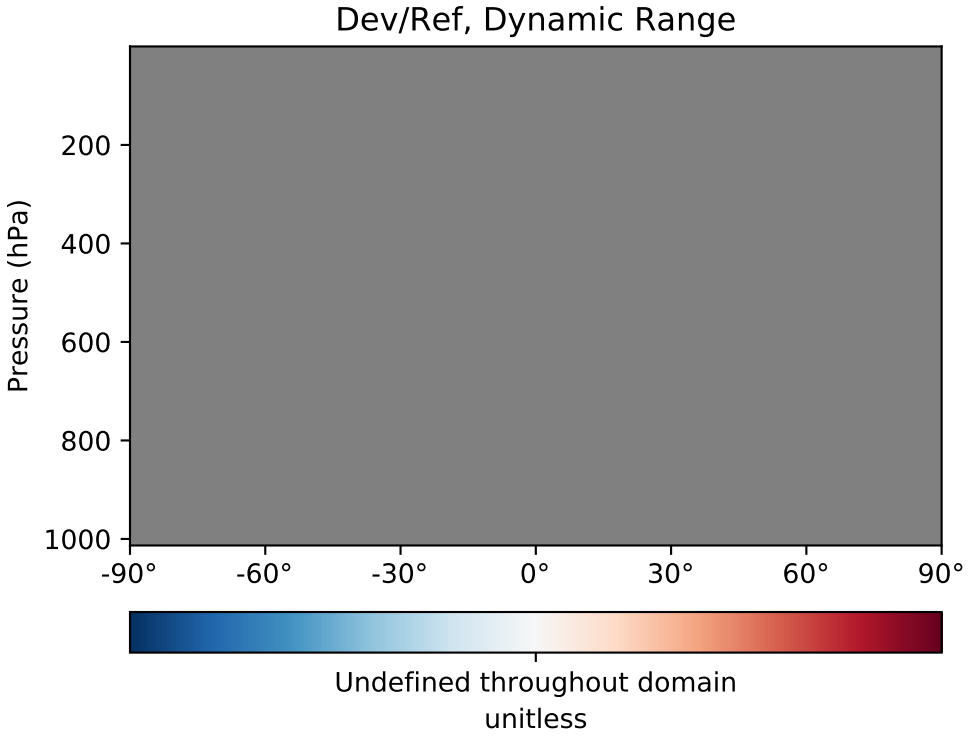
Difference
Dev - Ref, Dynamic Range



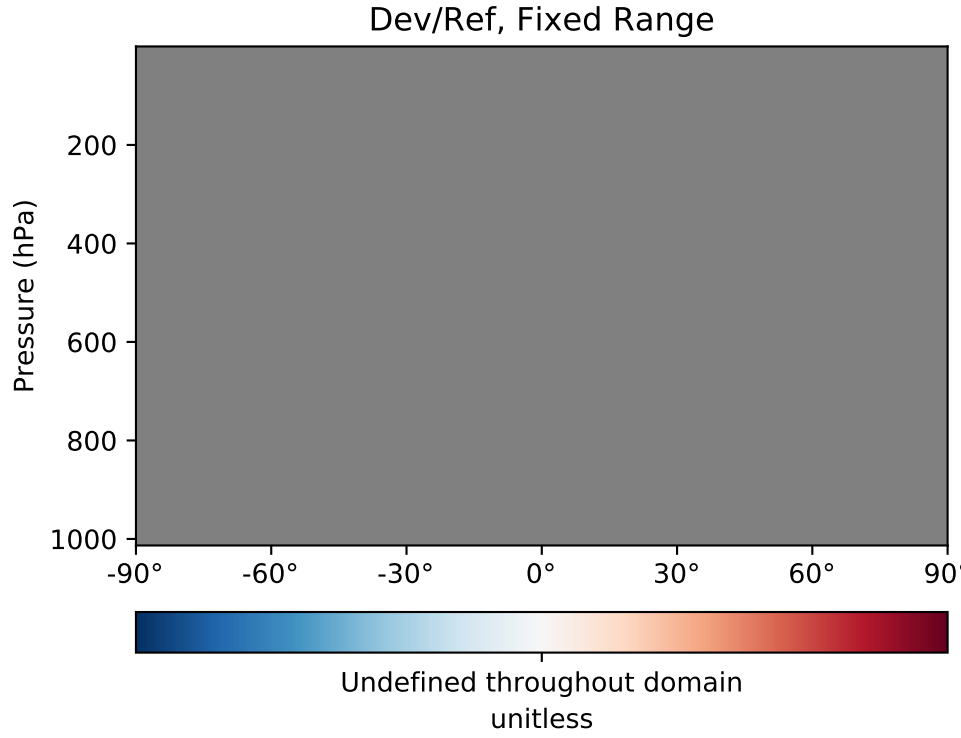
Difference
Dev - Ref, Restricted Range [5%,95%]



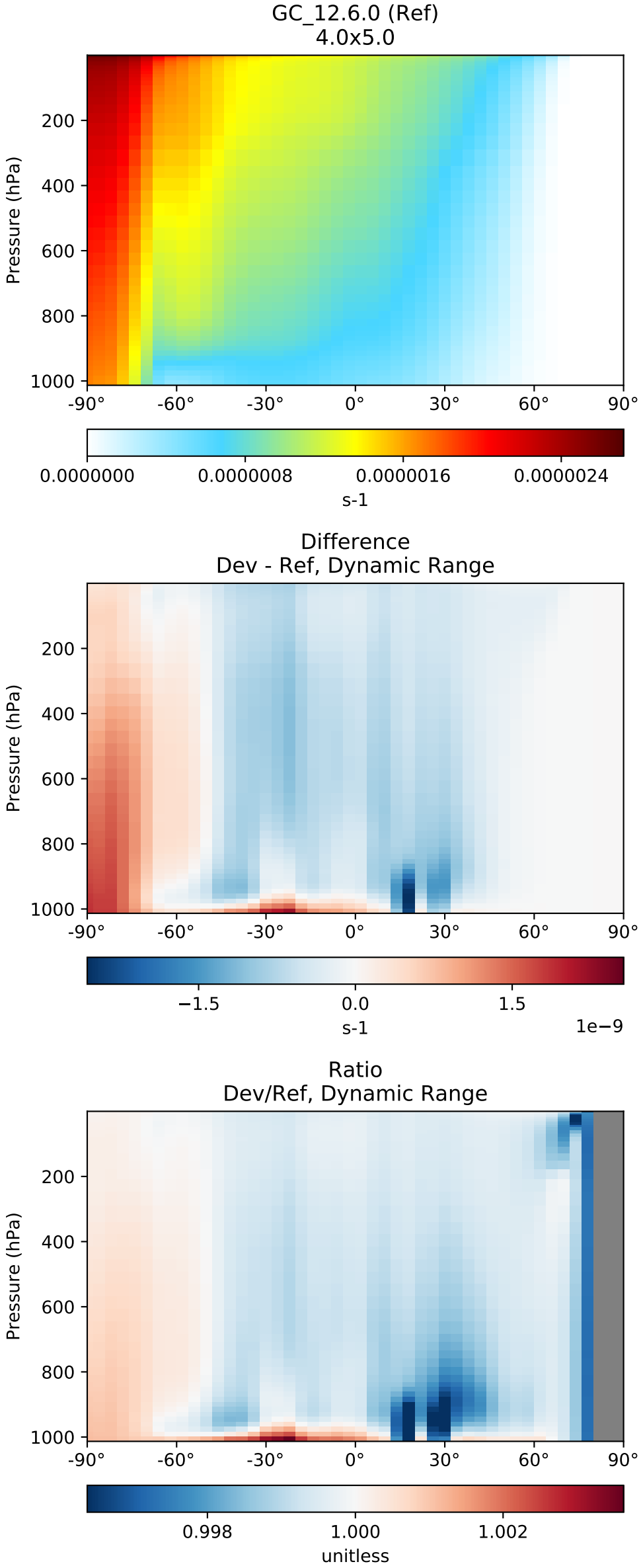
Ratio
Dev/Ref, Dynamic Range

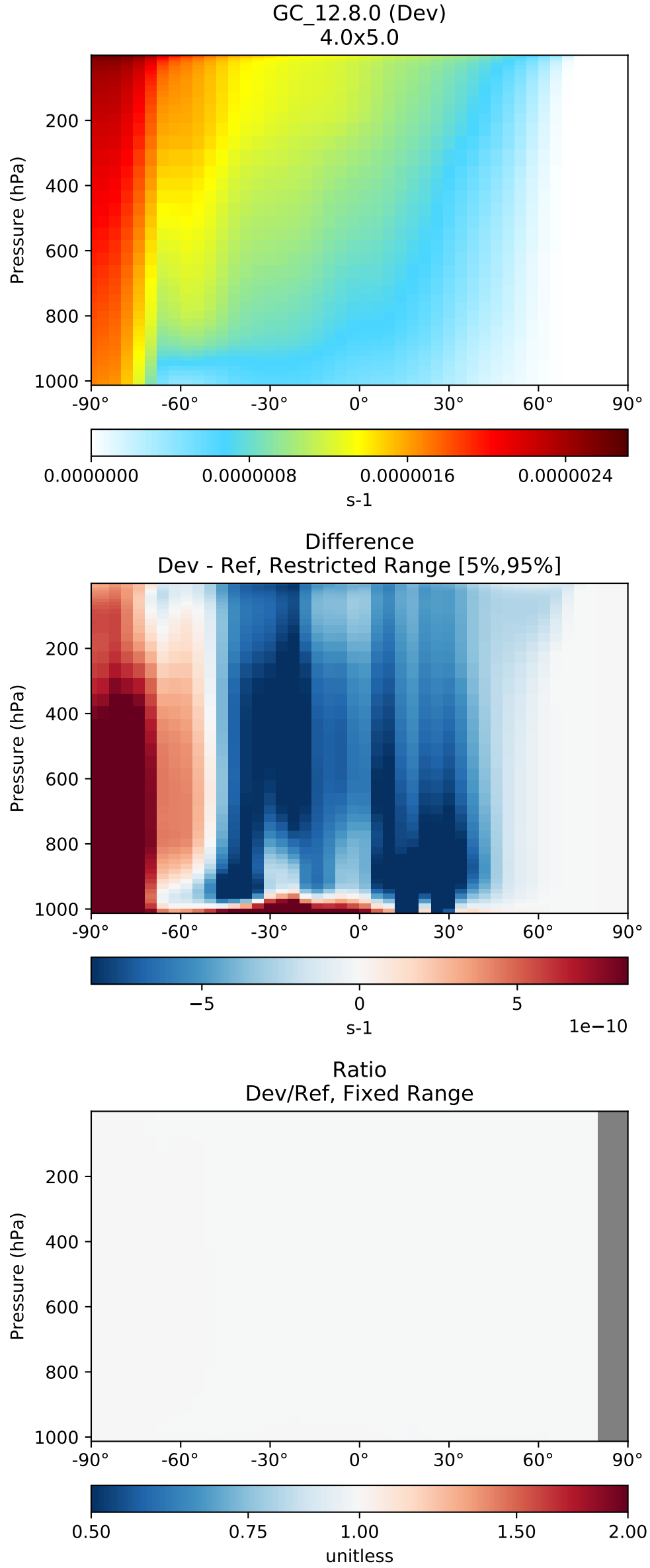


Ratio
Dev/Ref, Fixed Range

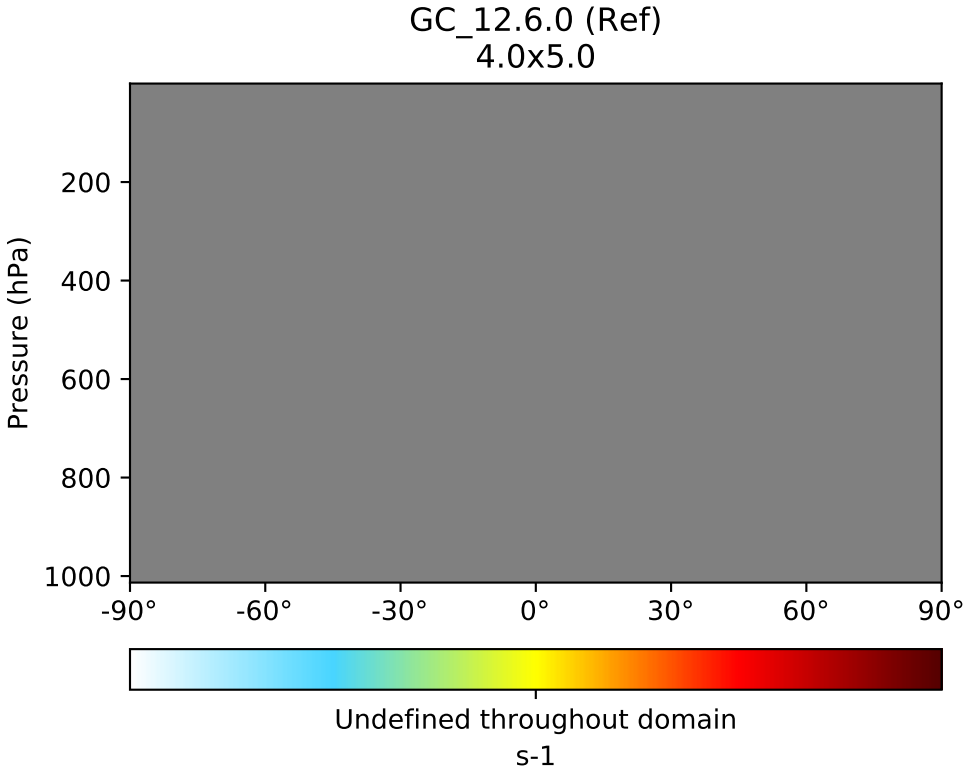


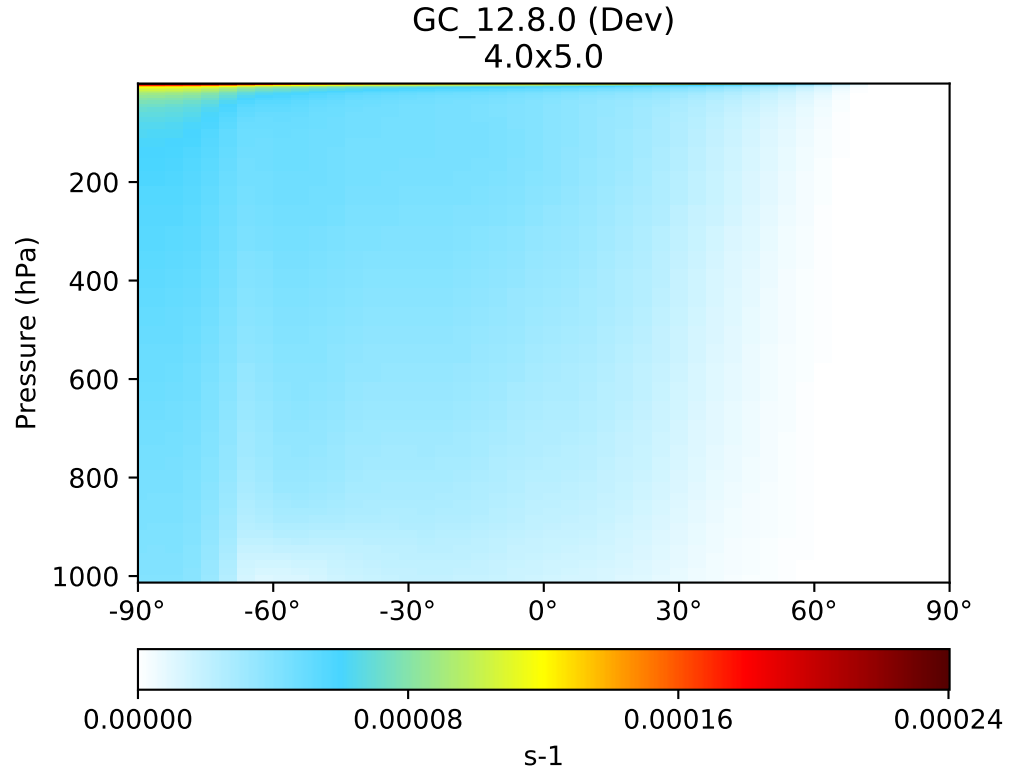
Jval_MACR, Zonal Mean (Jan2016)

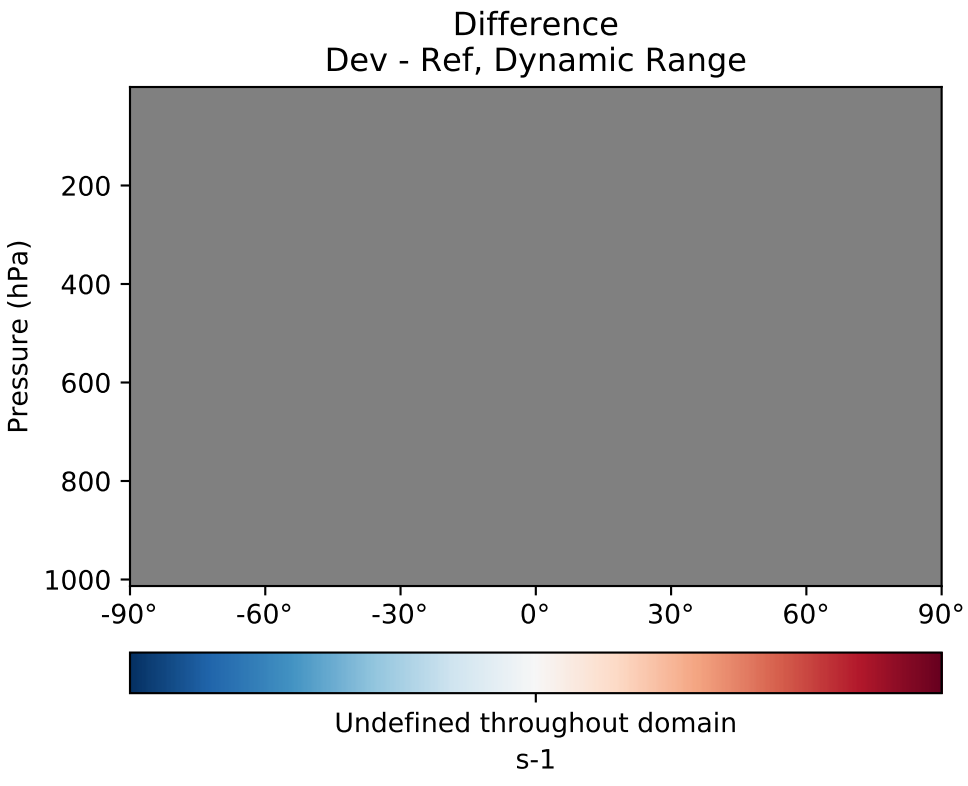


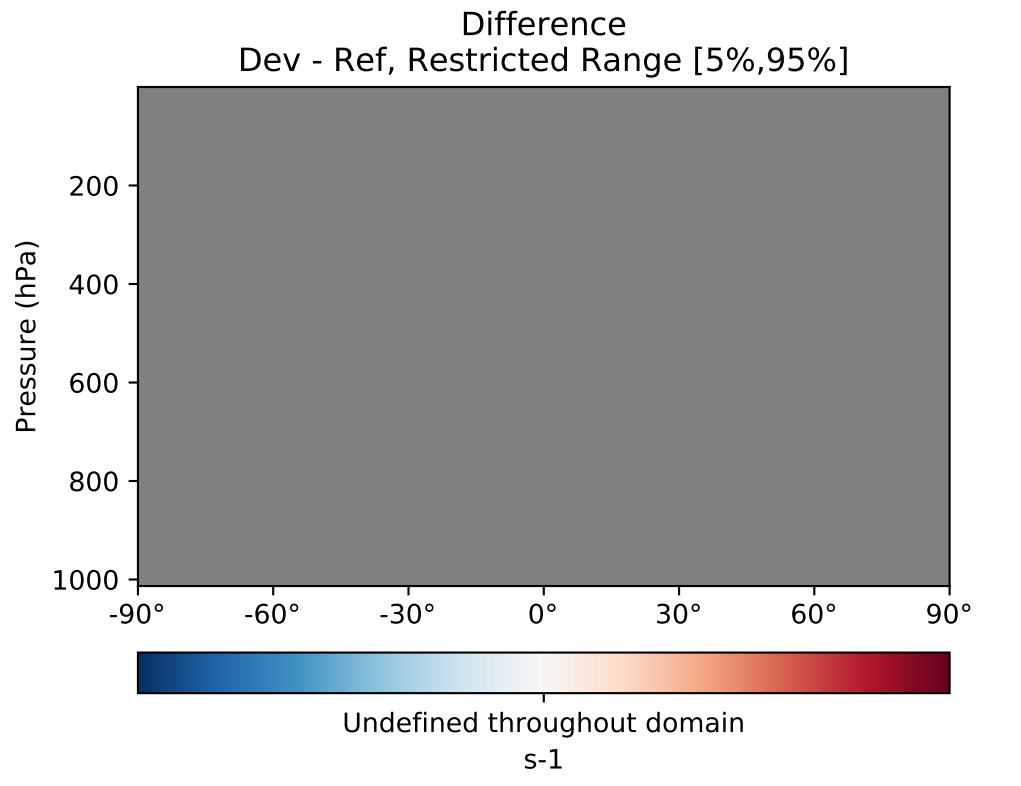


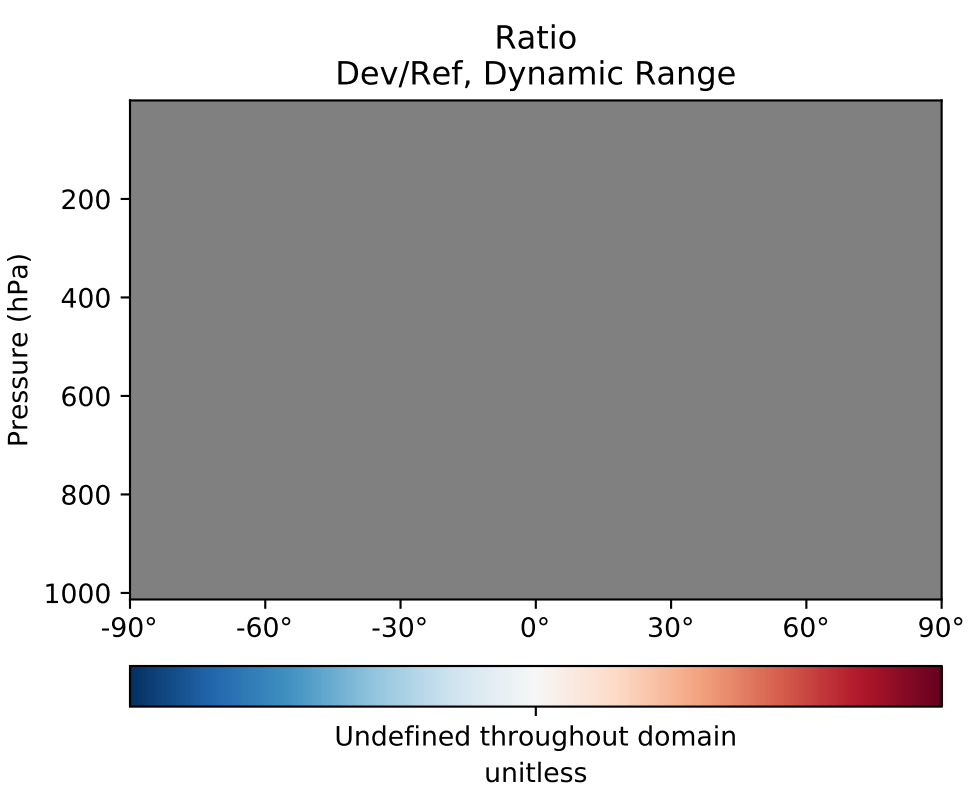
Jval_MACR1OOH, Zonal Mean (Jan2016)

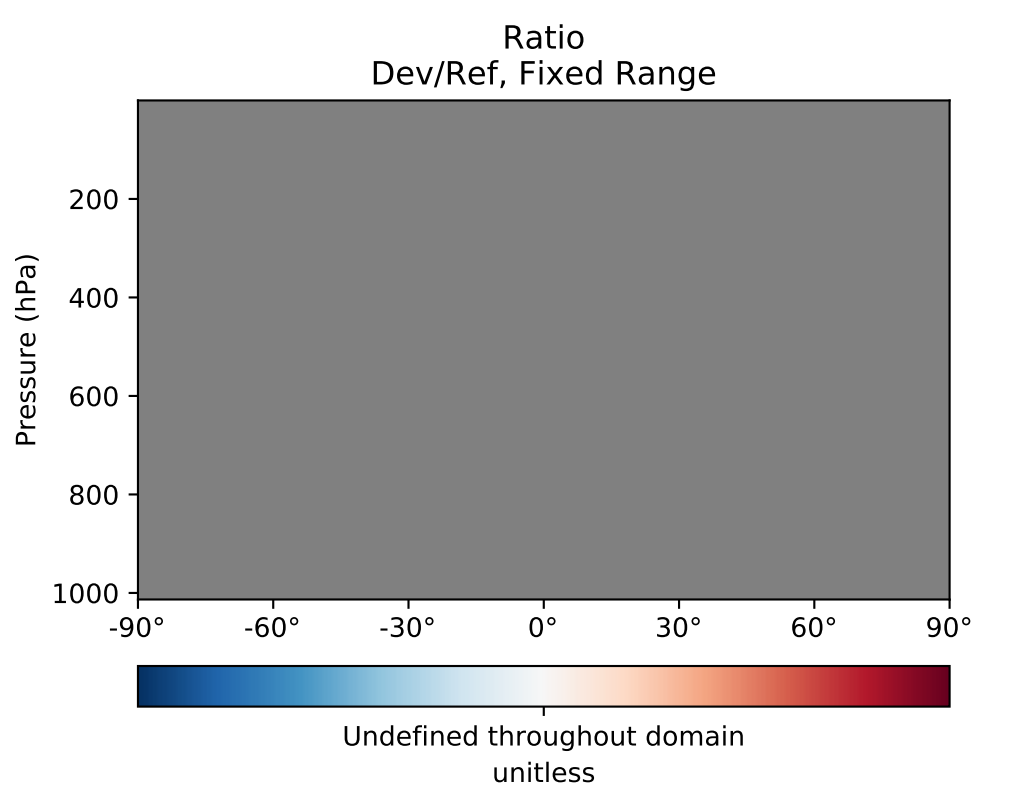




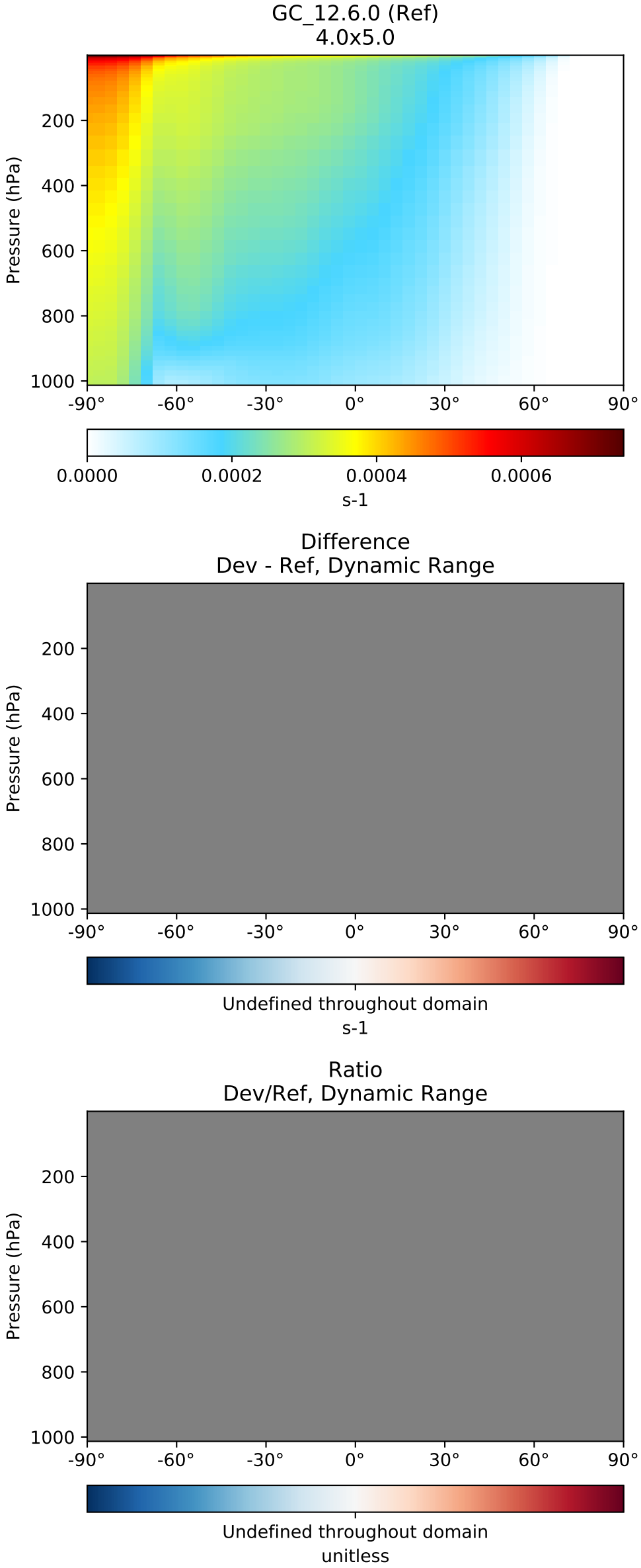


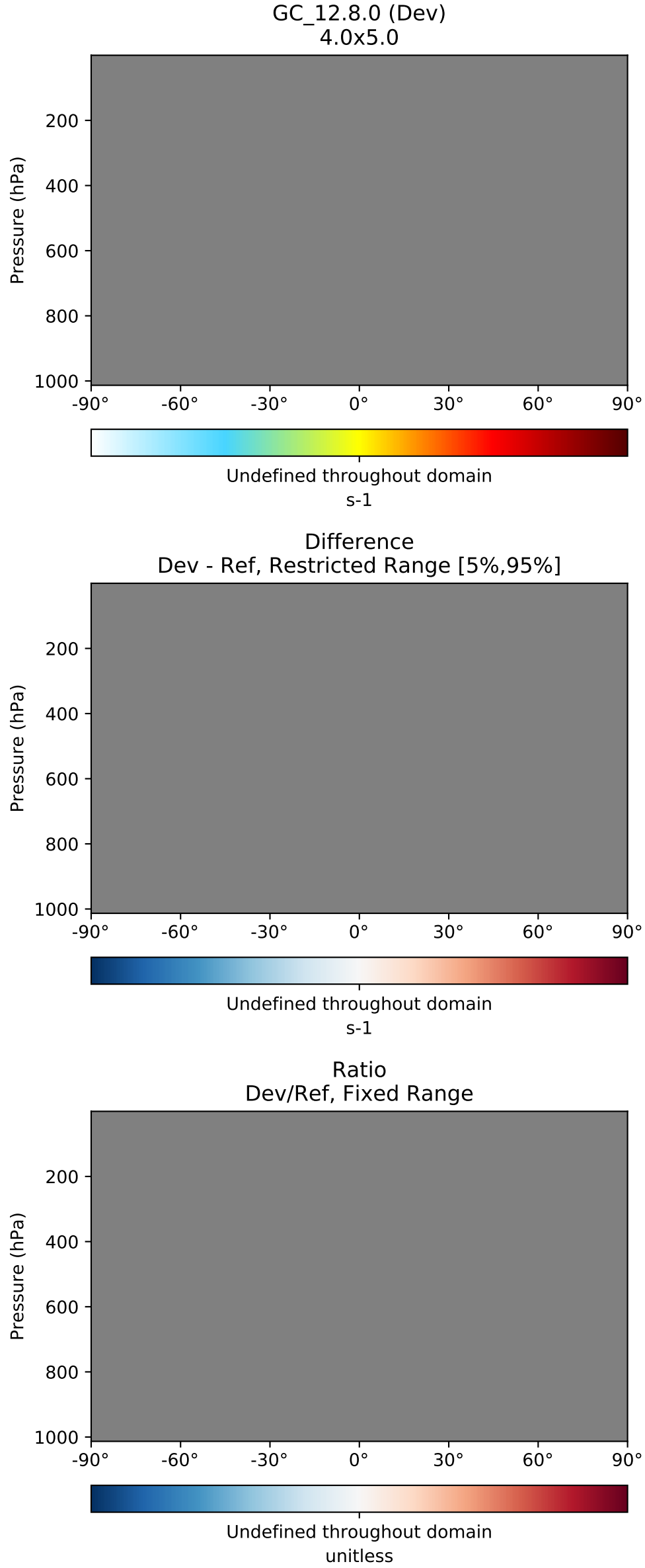




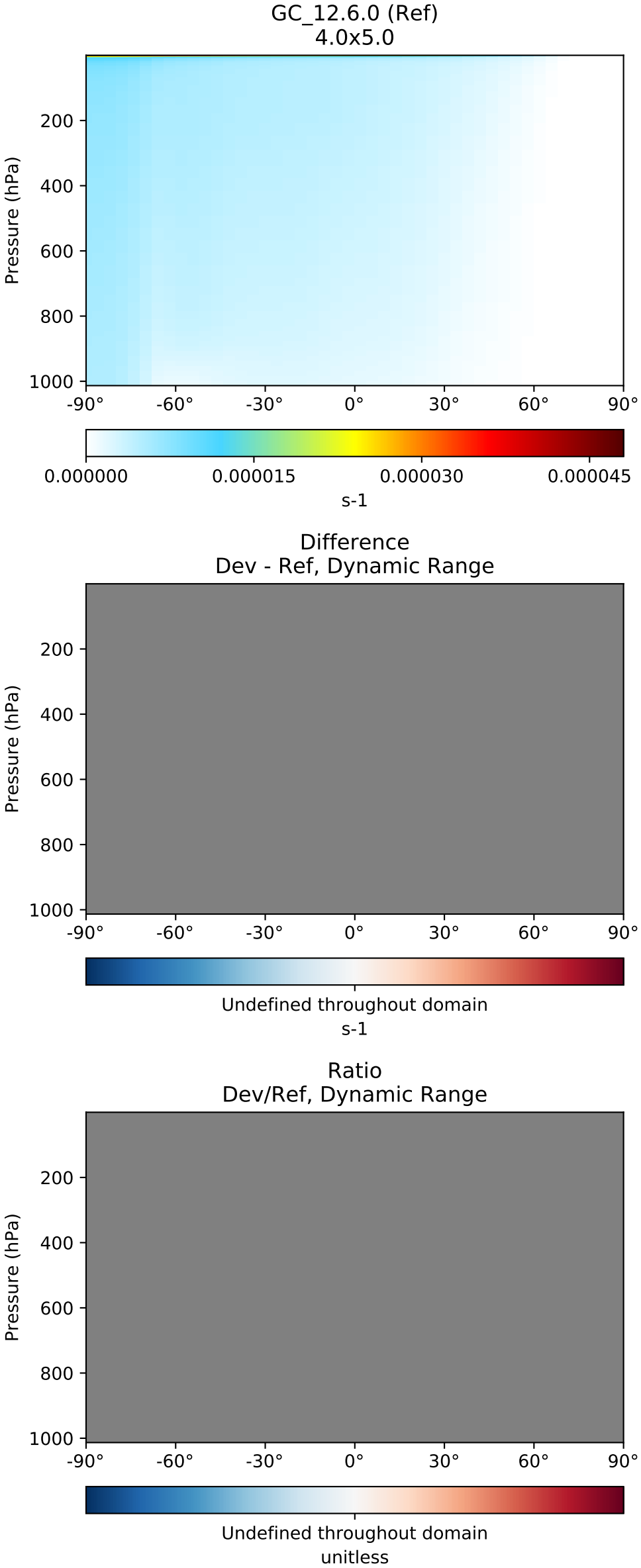


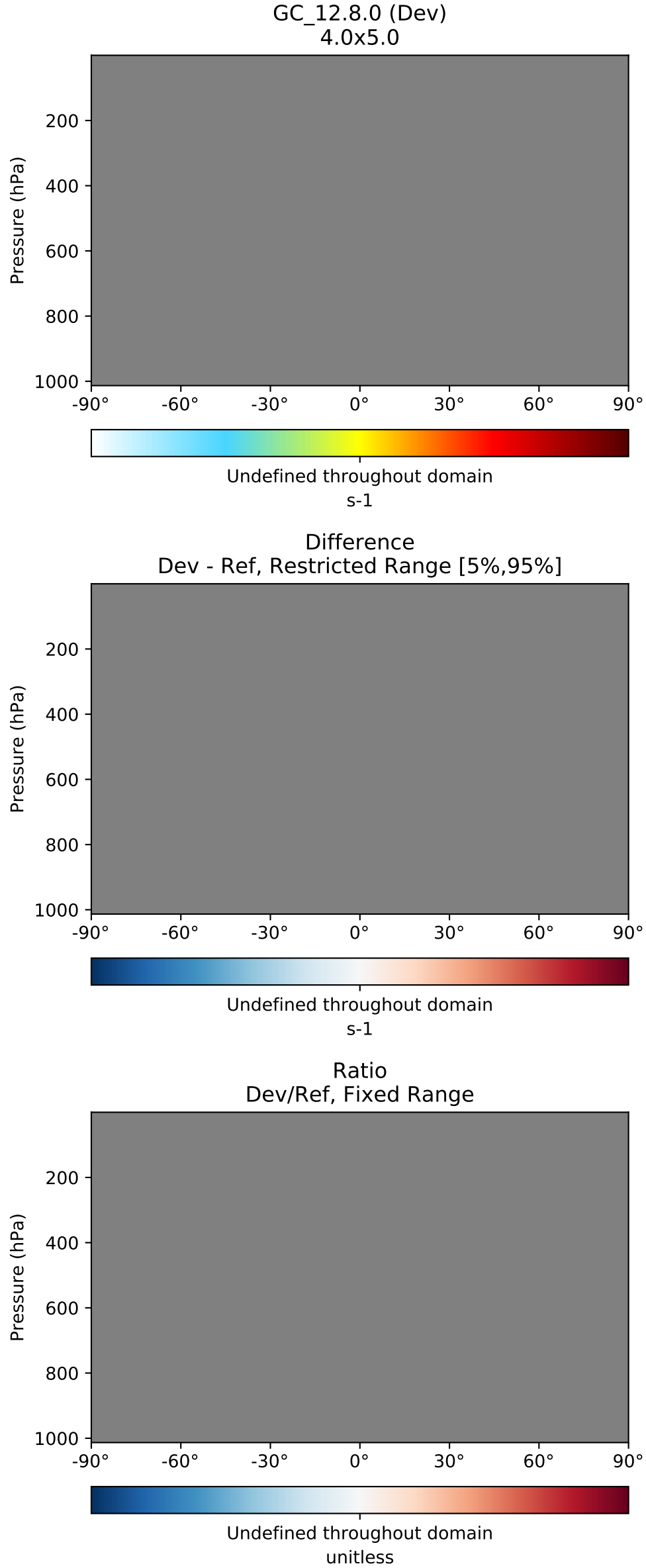
Jval_MACRN, Zonal Mean (Jan2016)



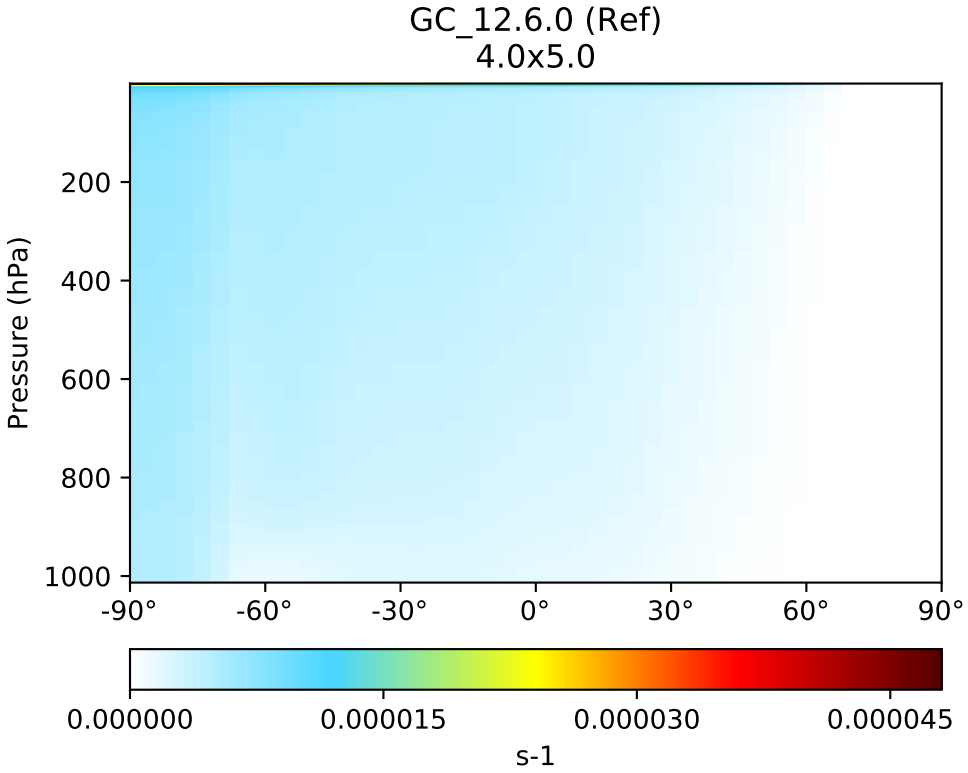


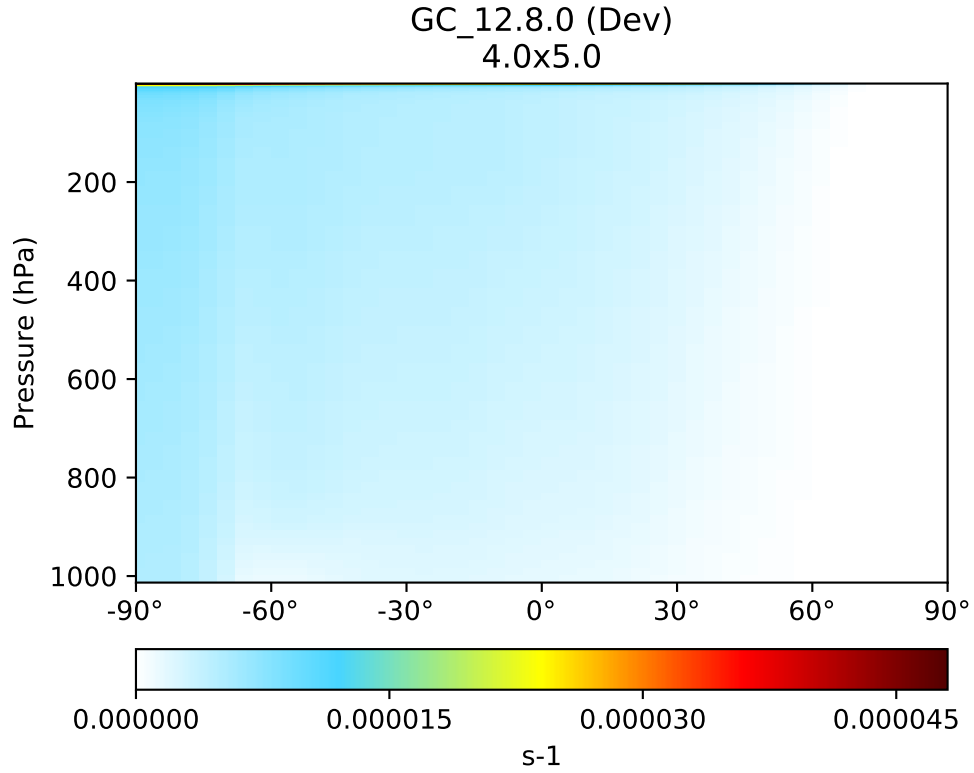
Jval_MAOP, Zonal Mean (Jan2016)

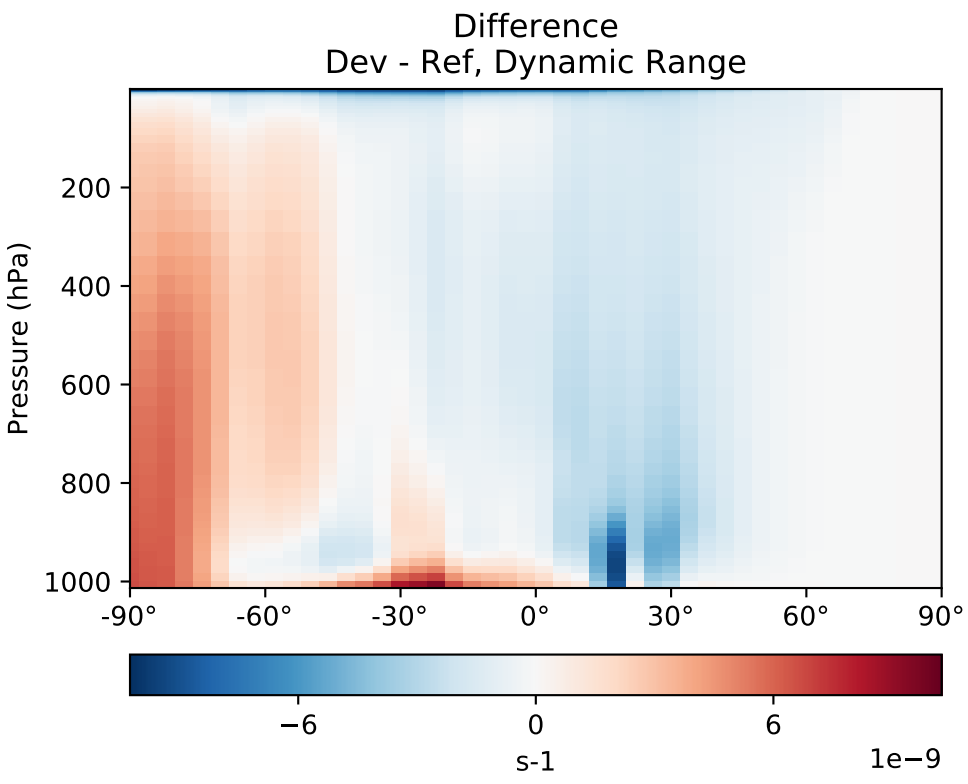


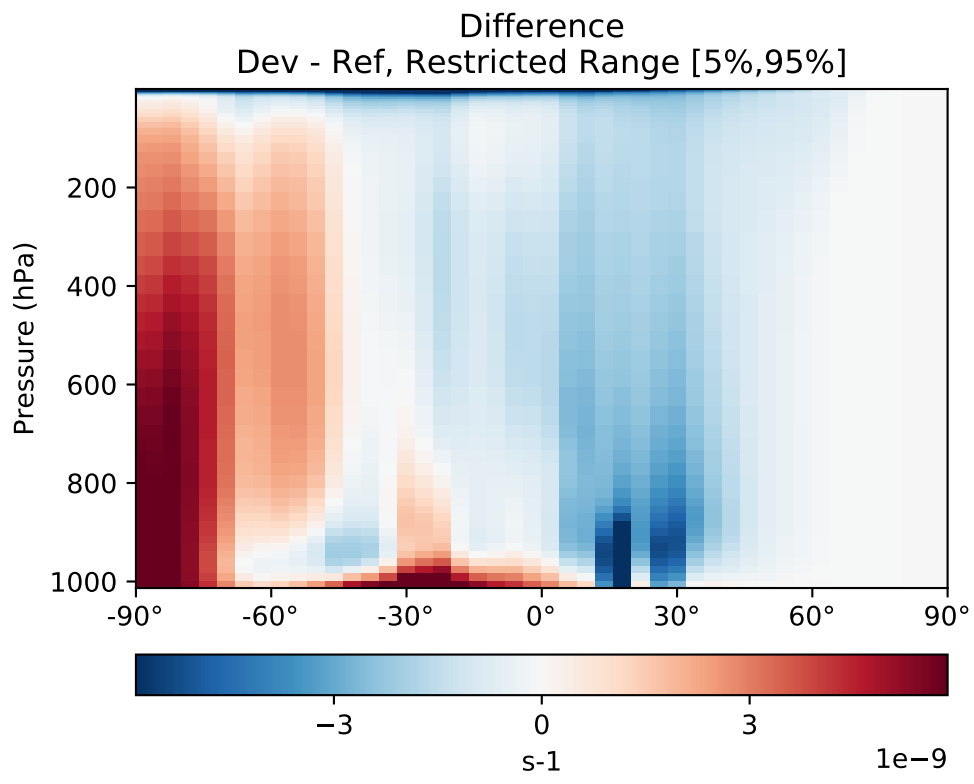


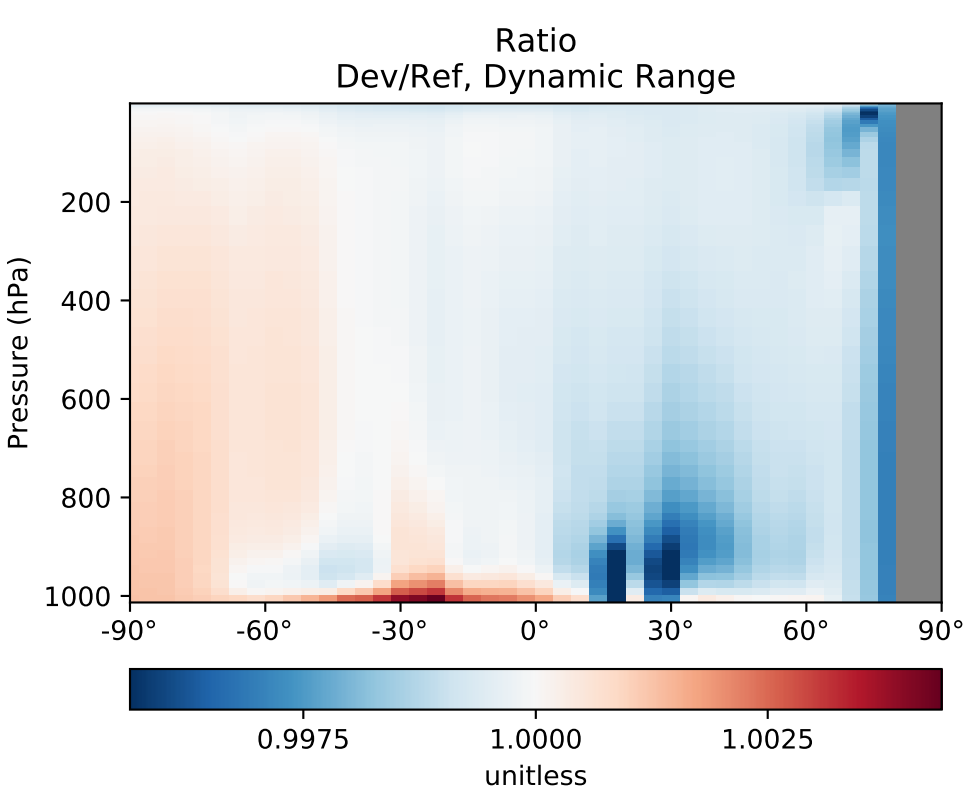
Jval_MAP, Zonal Mean (Jan2016)

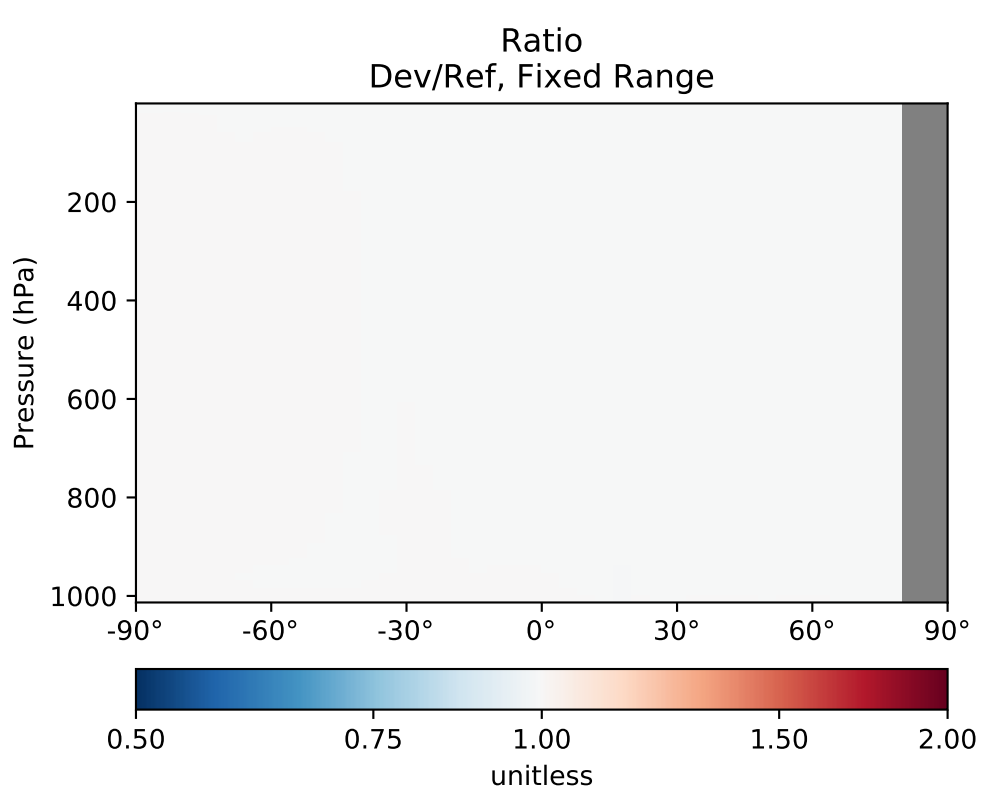




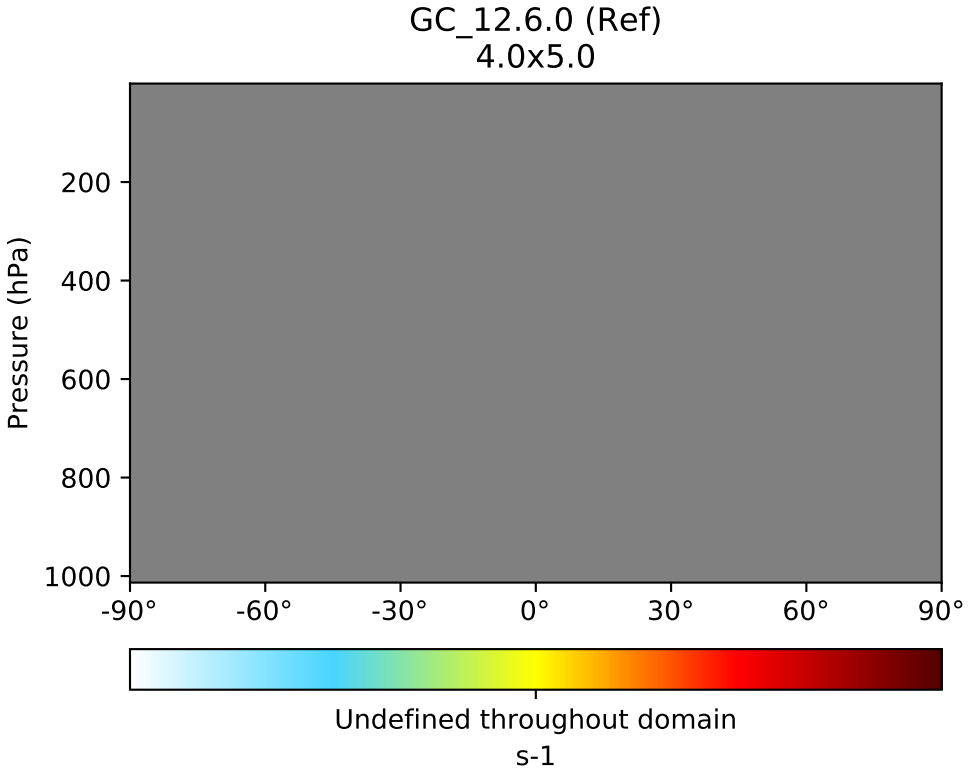


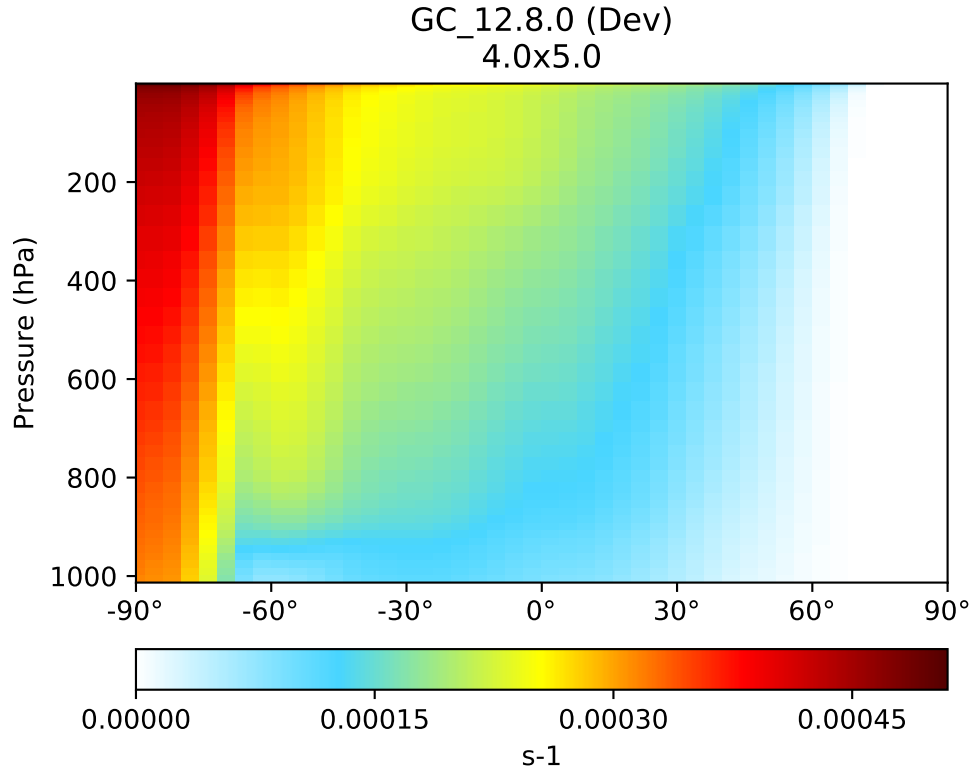


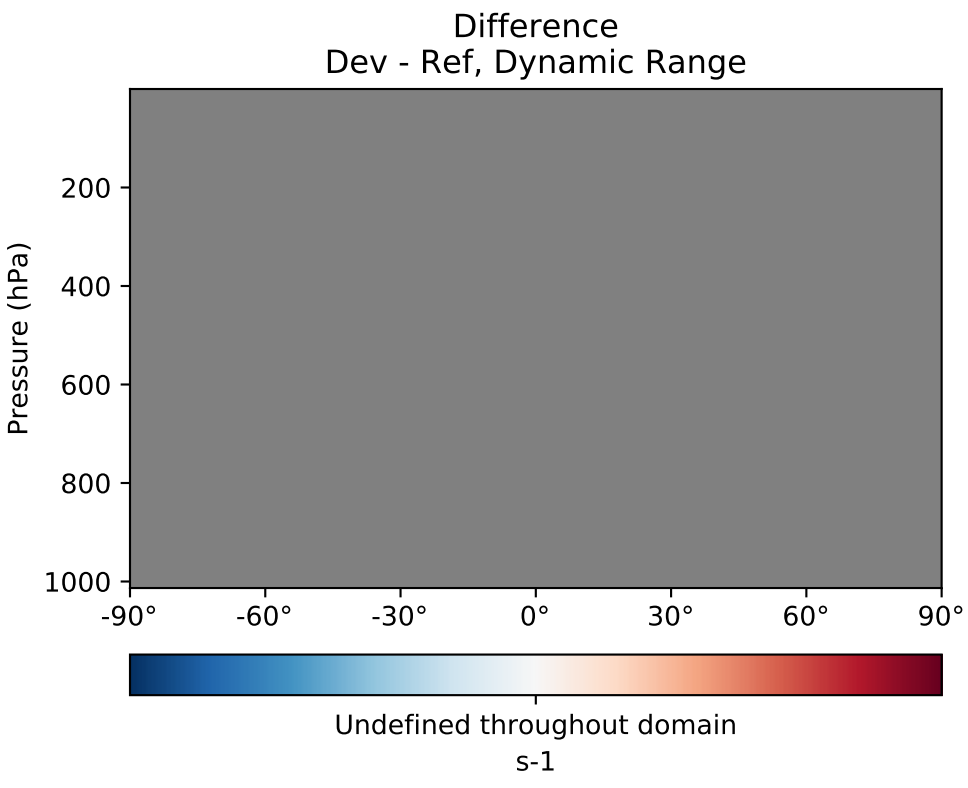


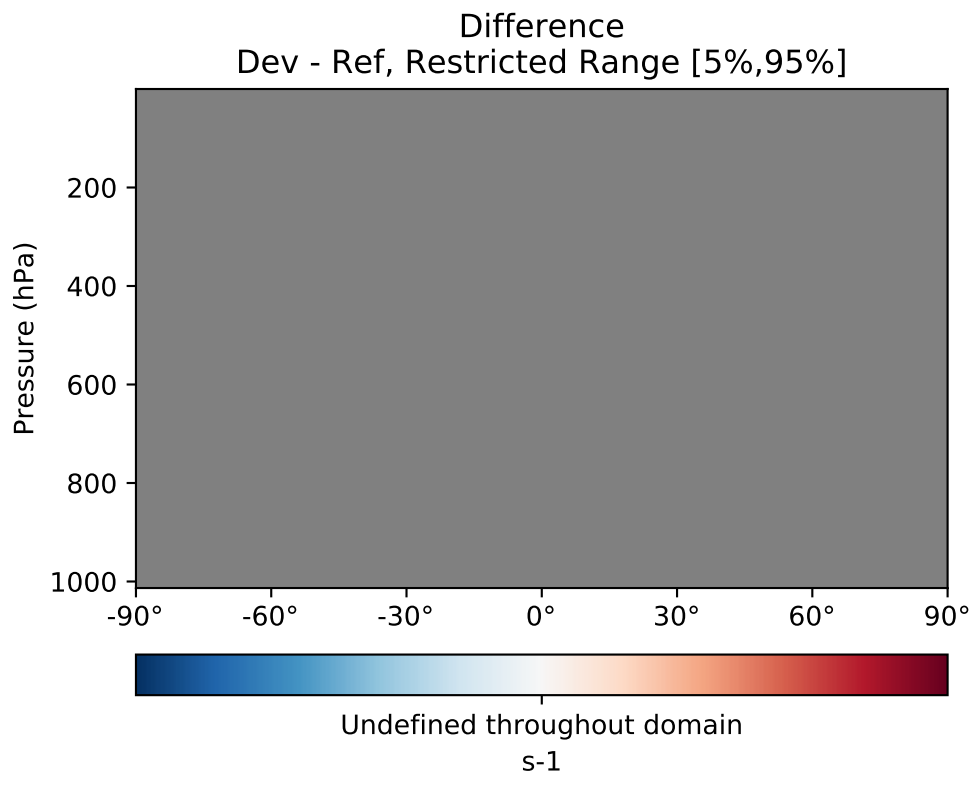


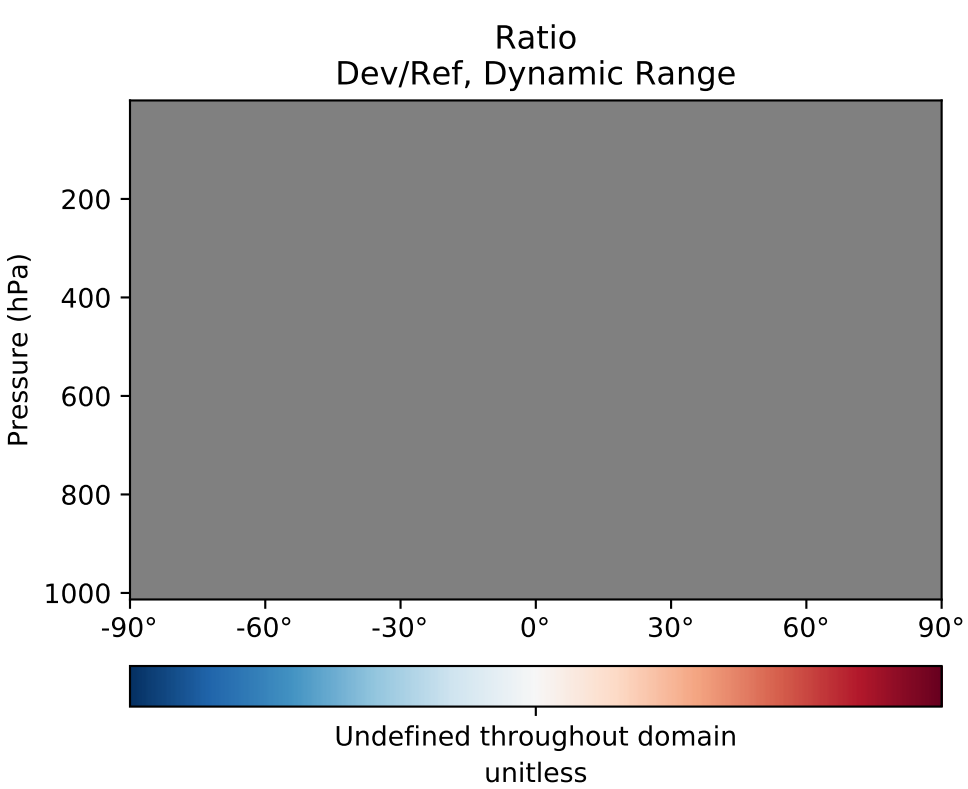
Jval_MCRENOL, Zonal Mean (Jan2016)

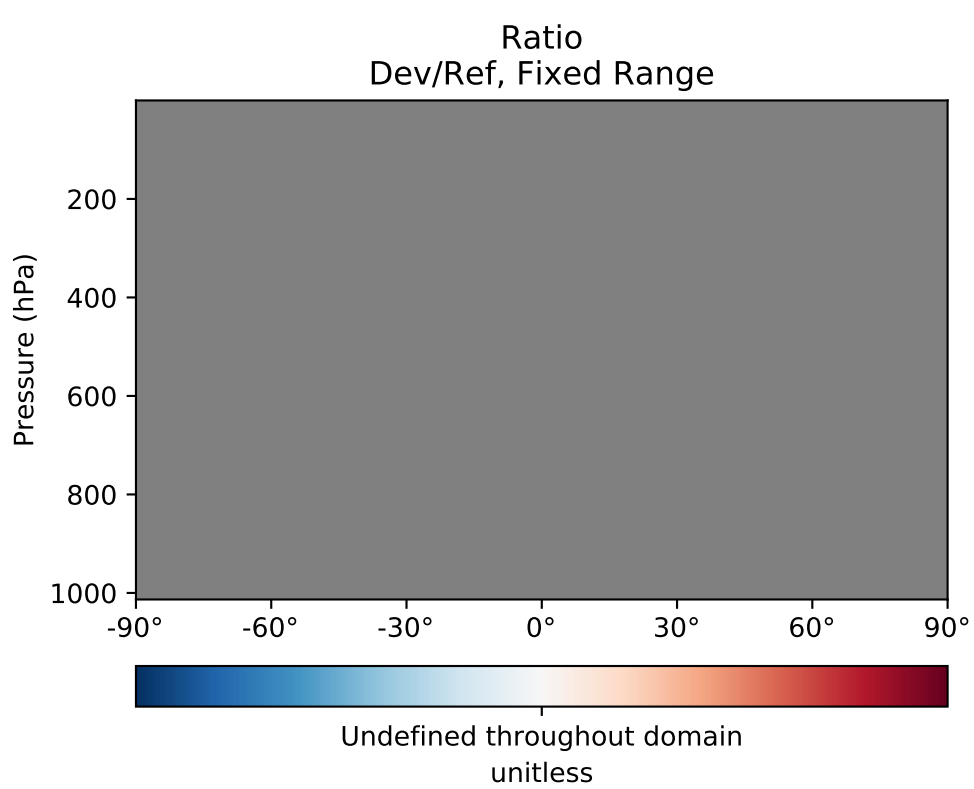






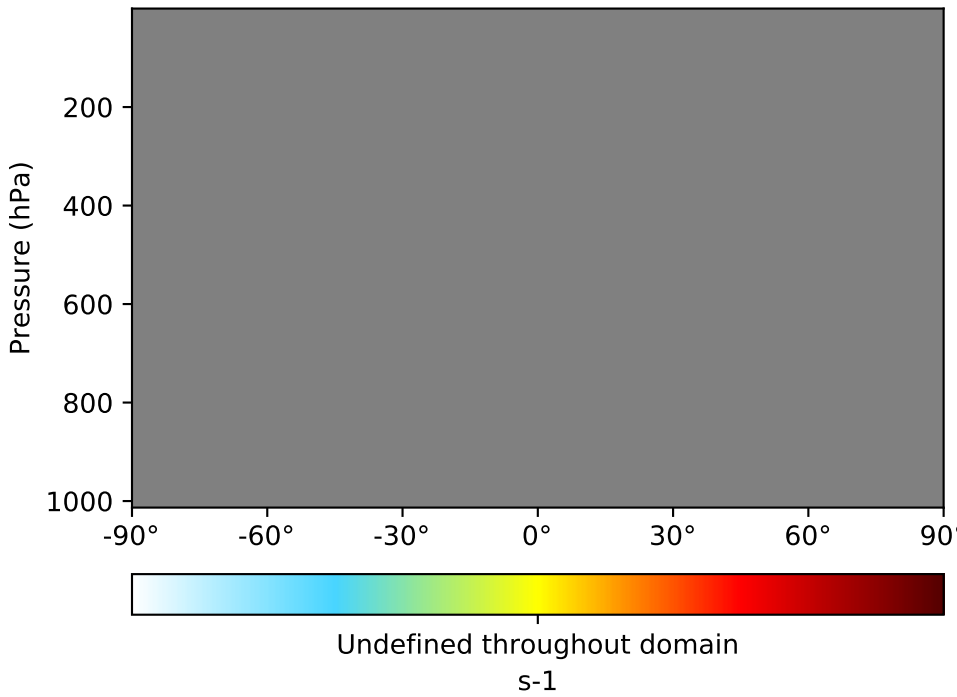




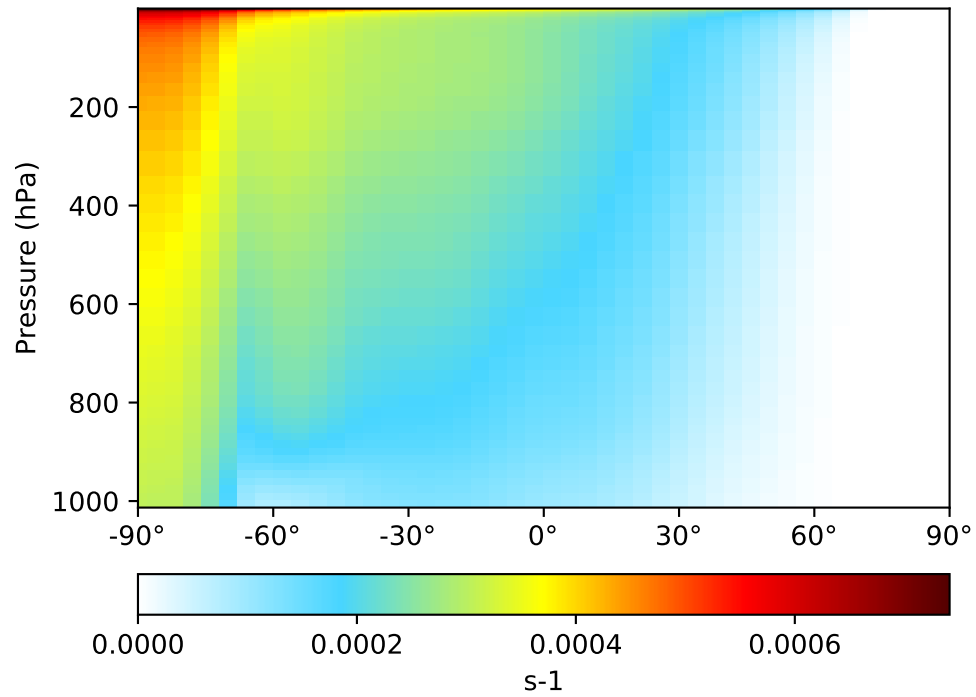


Jval_MCRHN, Zonal Mean (Jan2016)

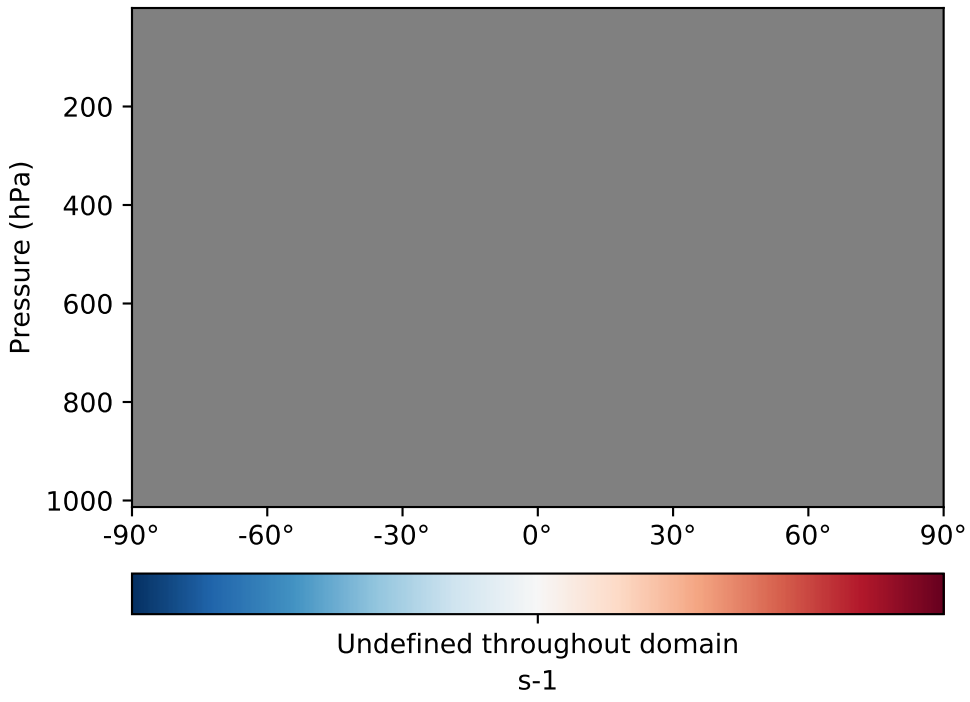
GC_12.6.0 (Ref)
4.0x5.0



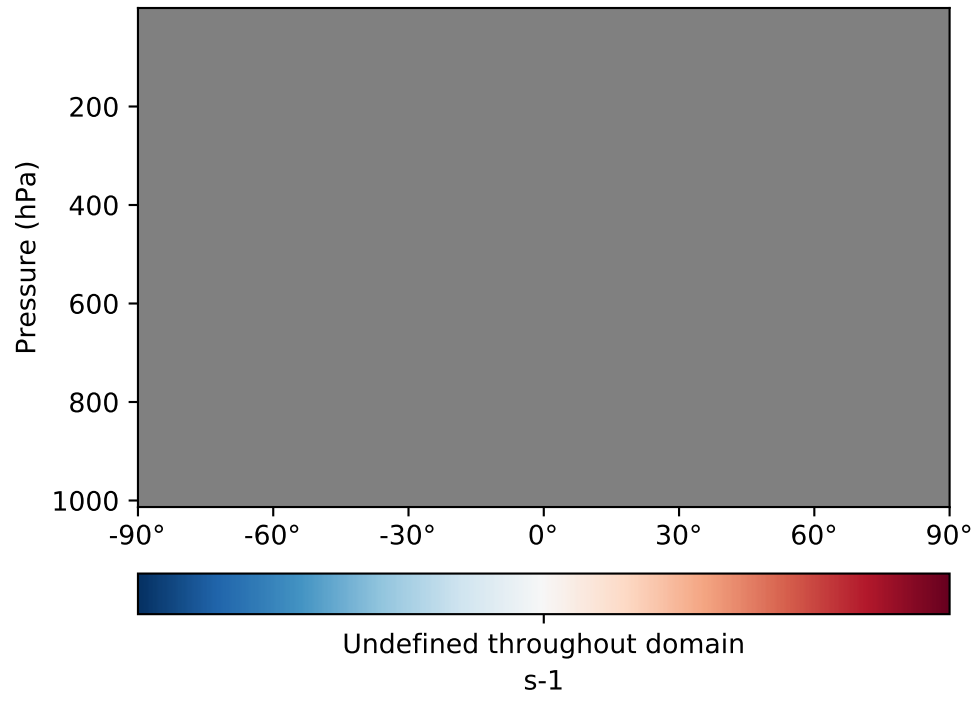
GC_12.8.0 (Dev)
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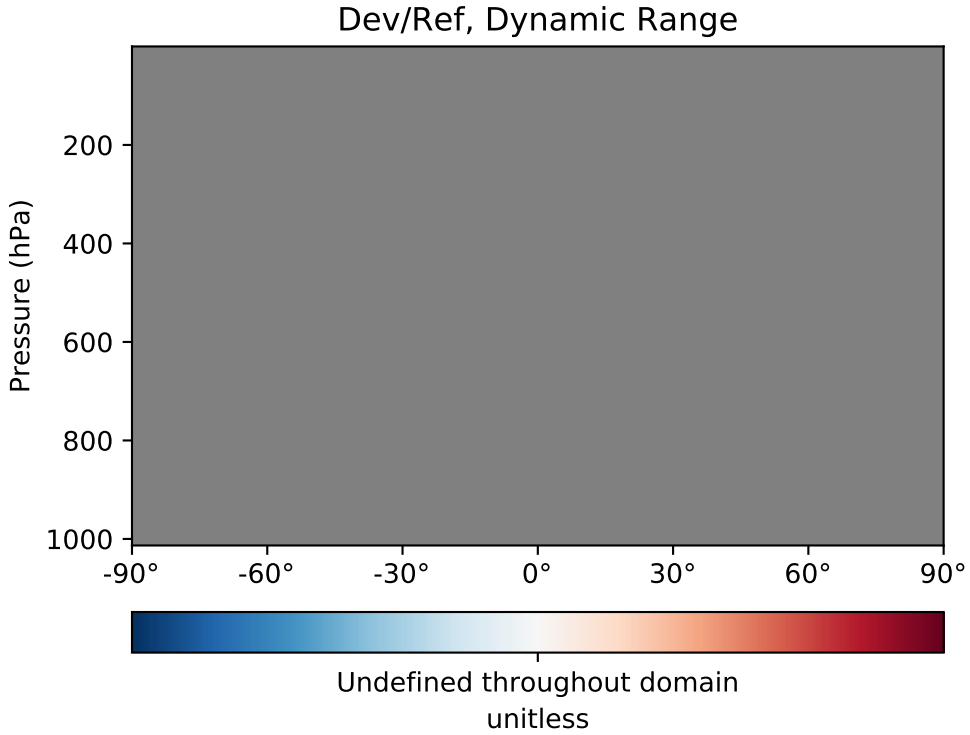
Difference
Dev - Ref, Dynamic Range



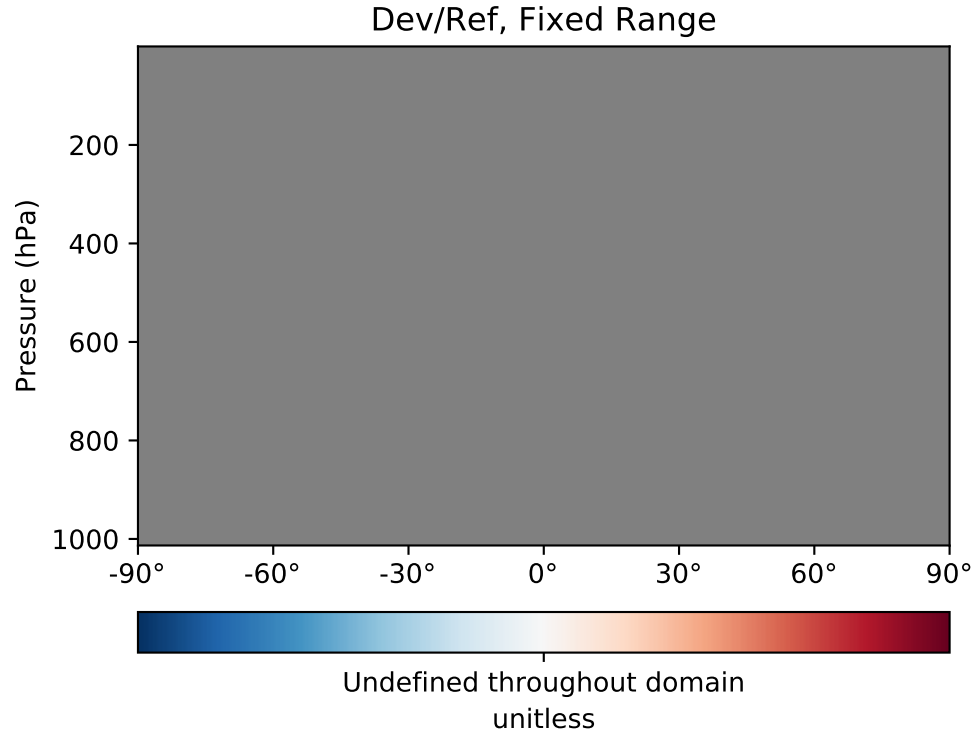
Difference
Dev - Ref, Restricted Range [5%,95%]



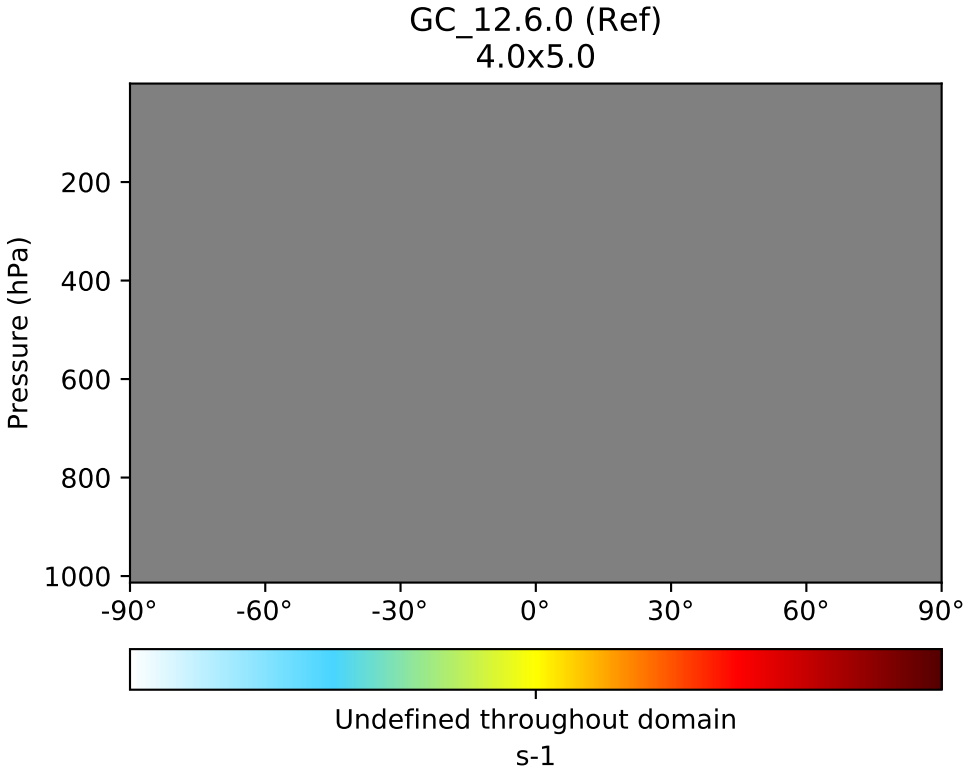
Ratio
Dev/Ref, Dynamic Range

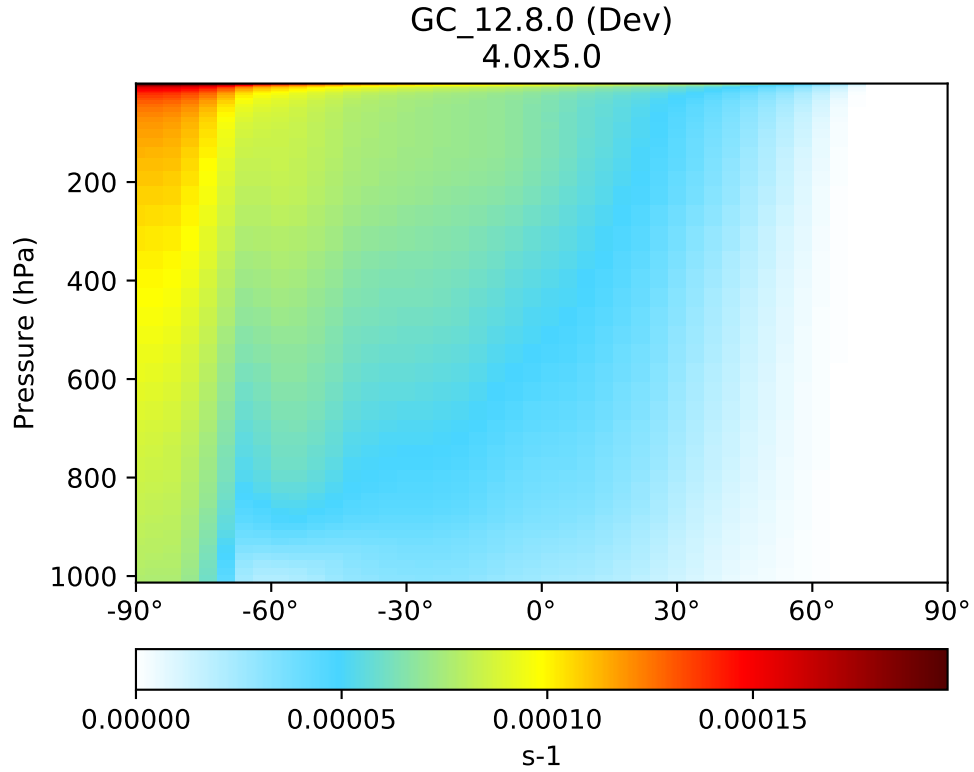


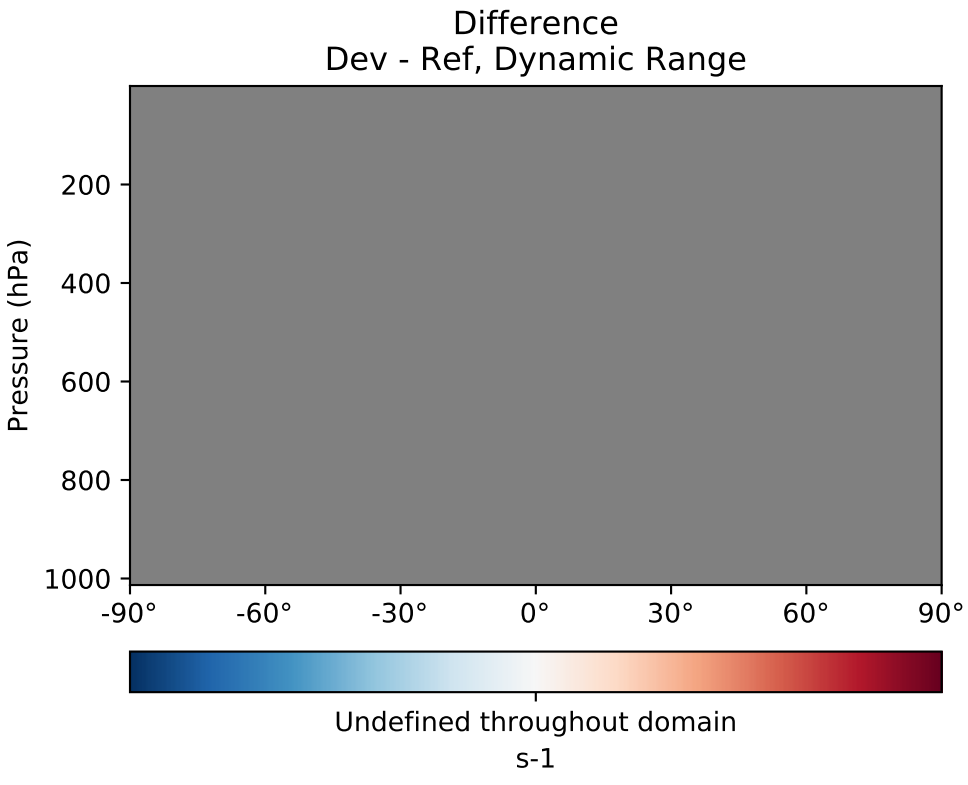
Ratio
Dev/Ref, Fixed Range

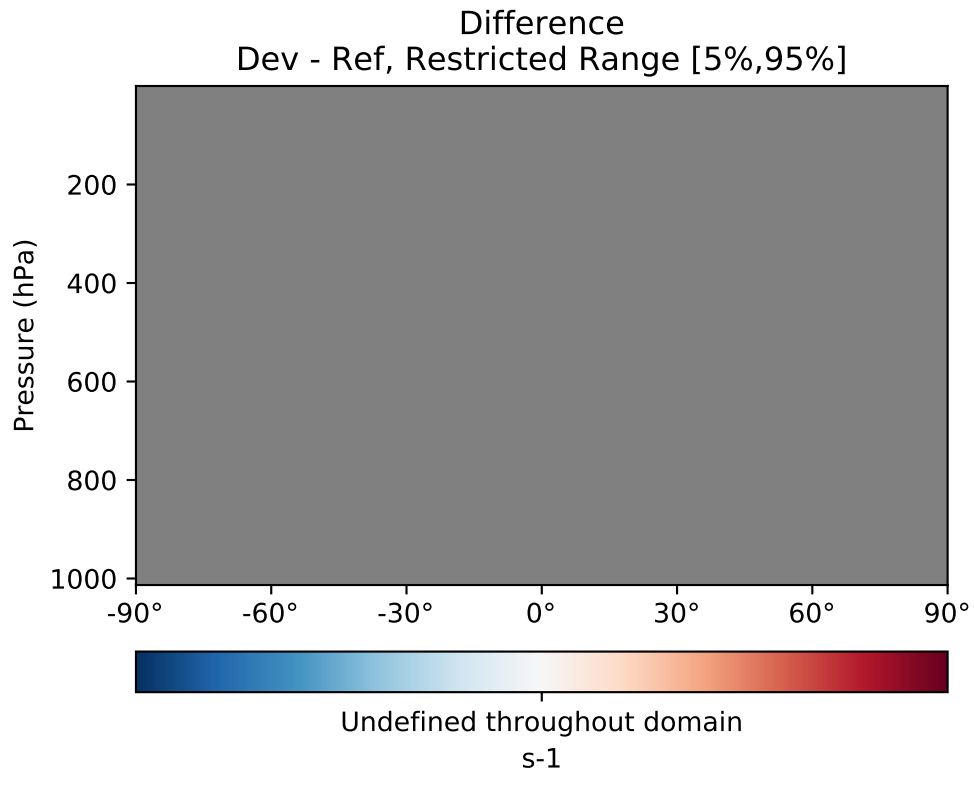


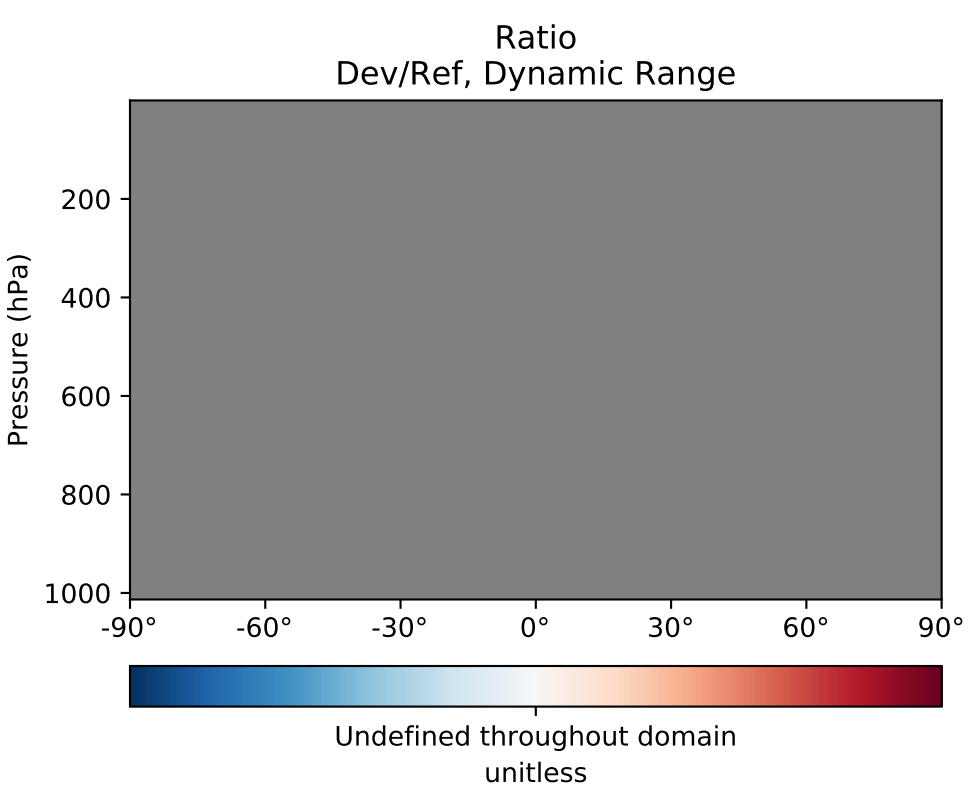
Jval_MCRHNB, Zonal Mean (Jan2016)

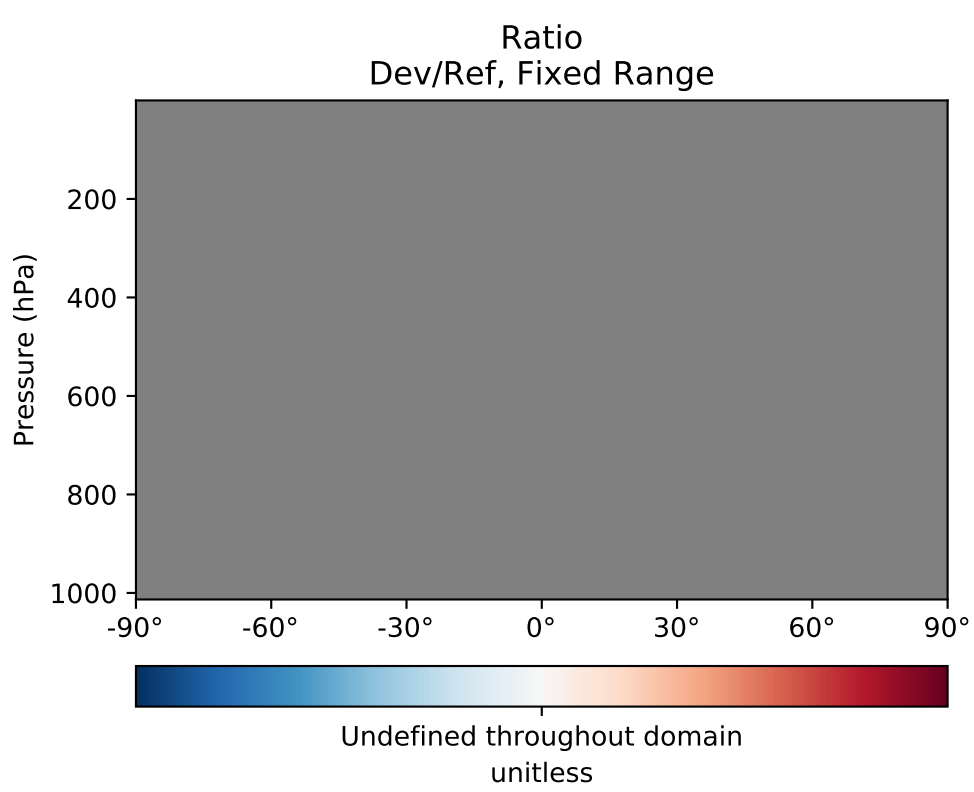




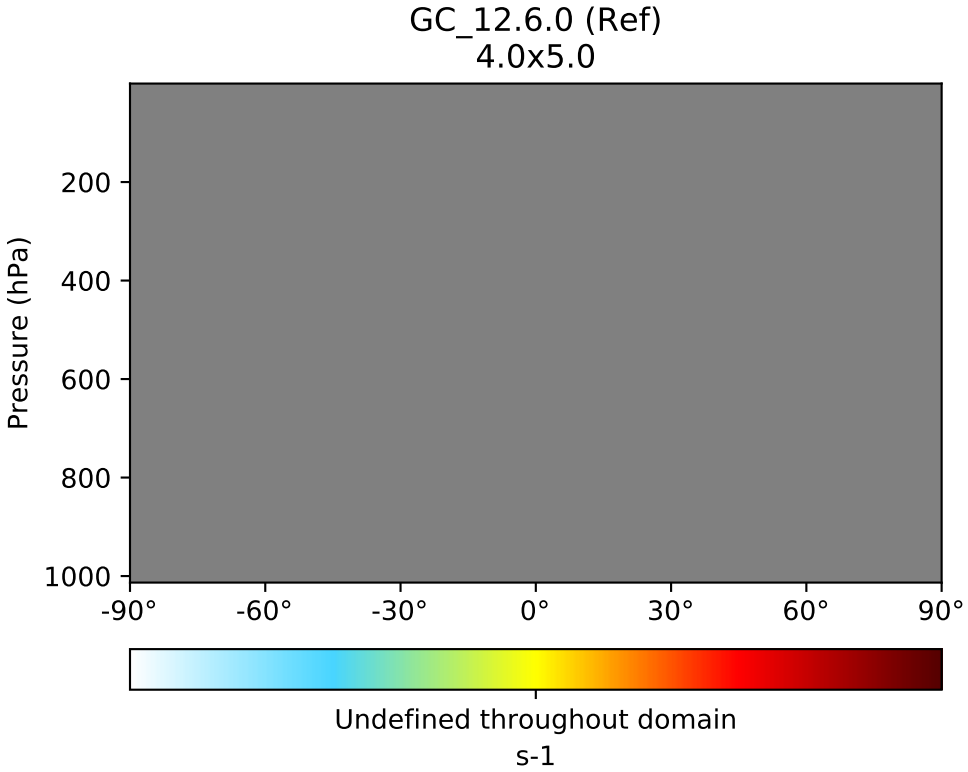


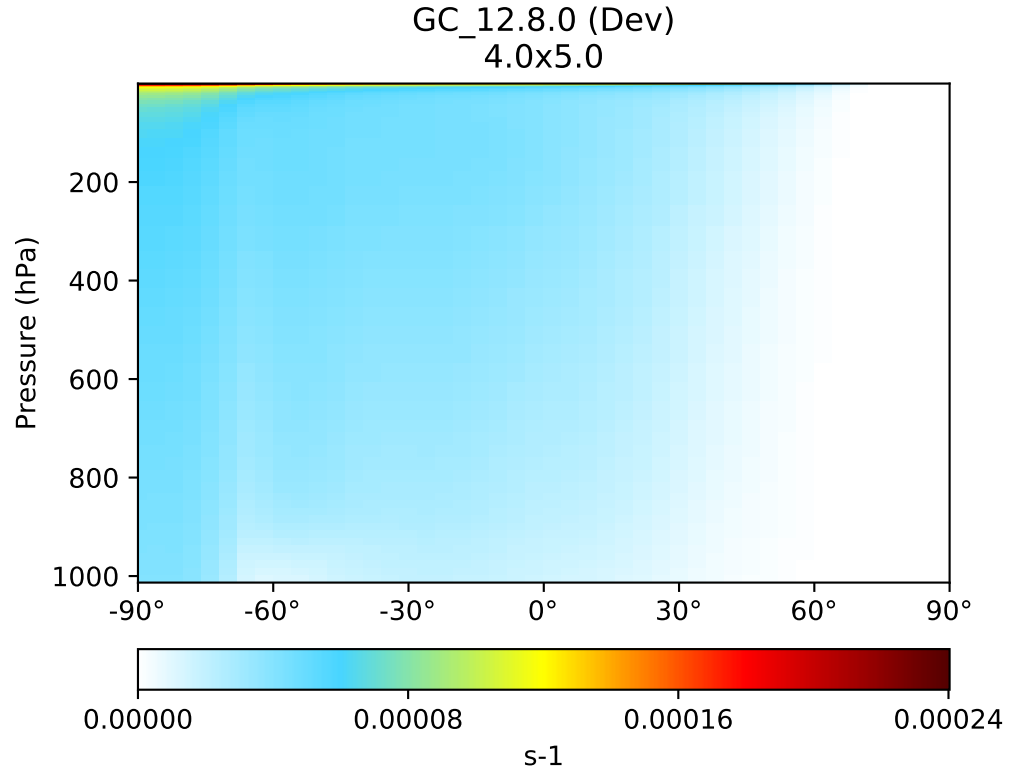


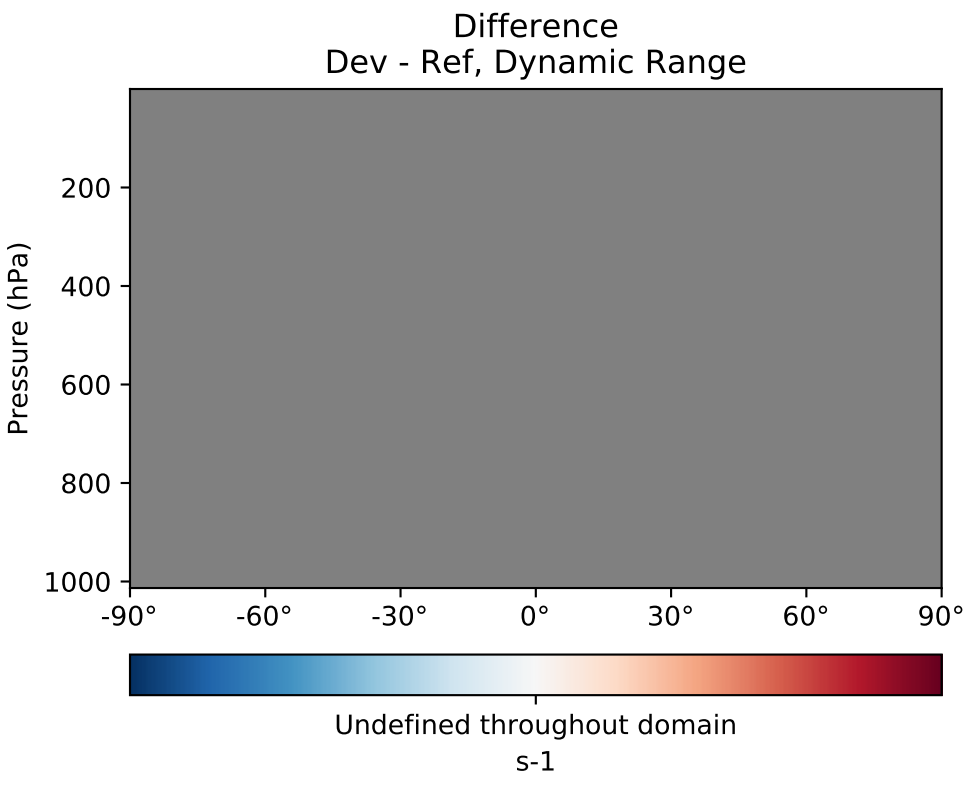


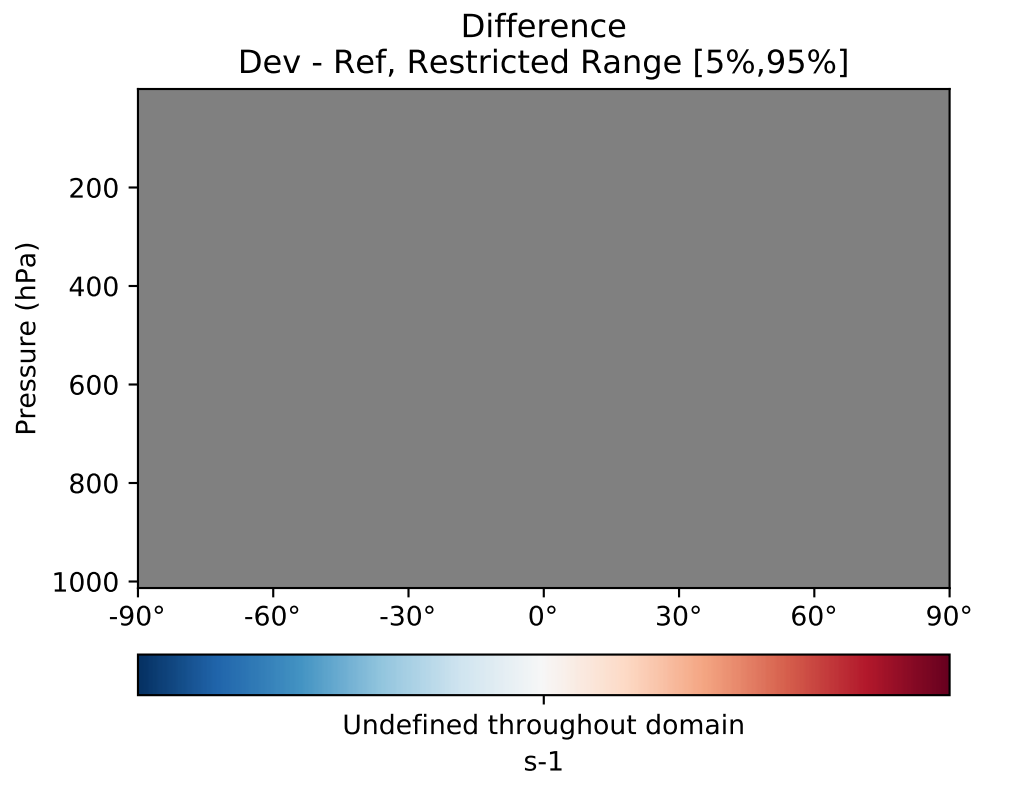


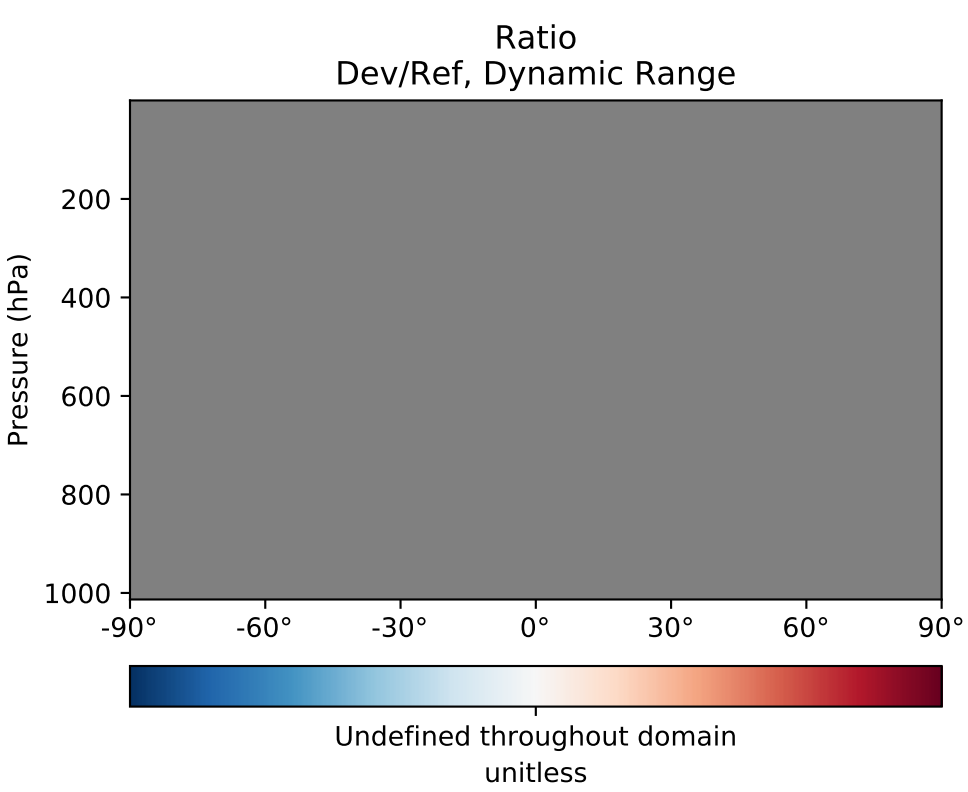
Jval_MCRHP, Zonal Mean (Jan2016)

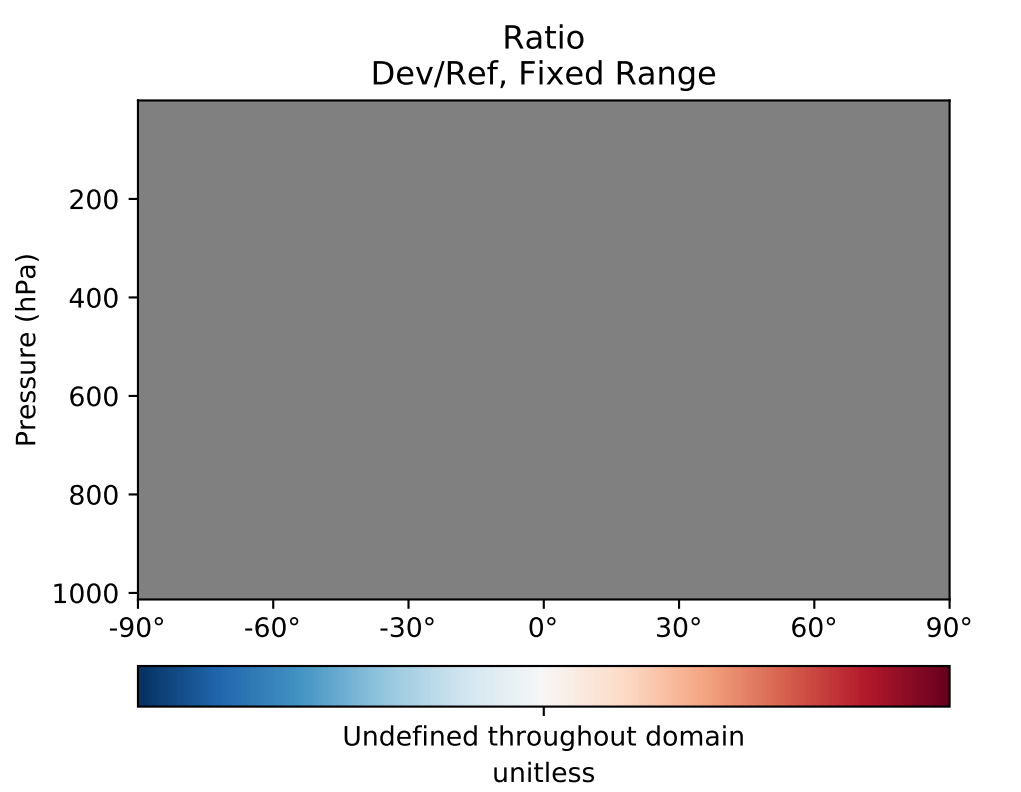




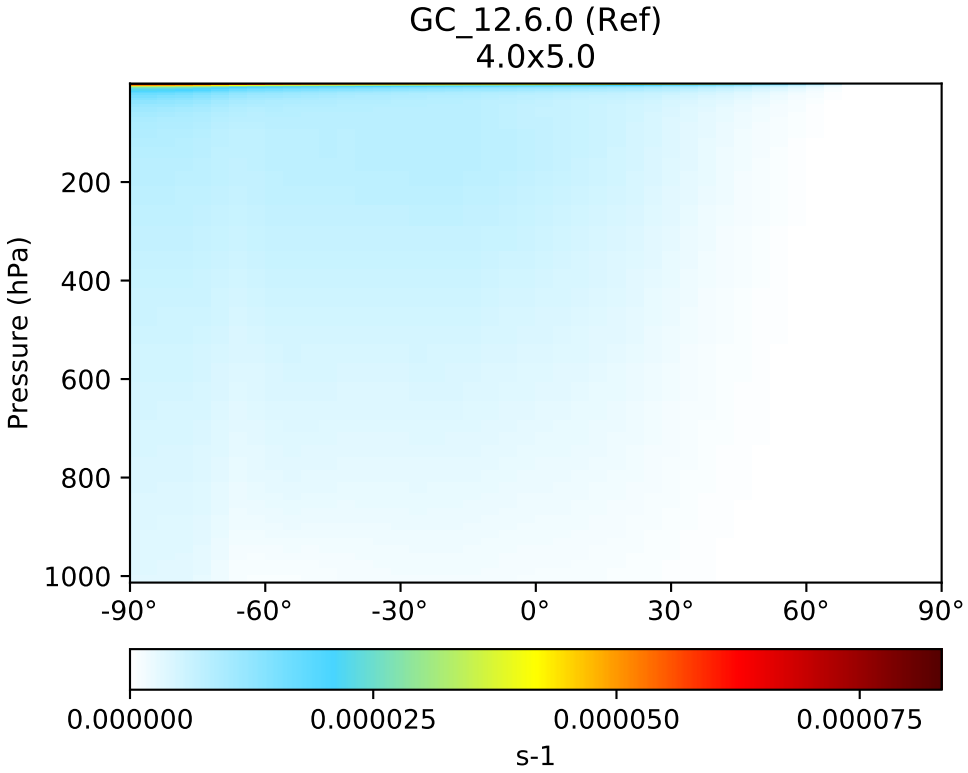


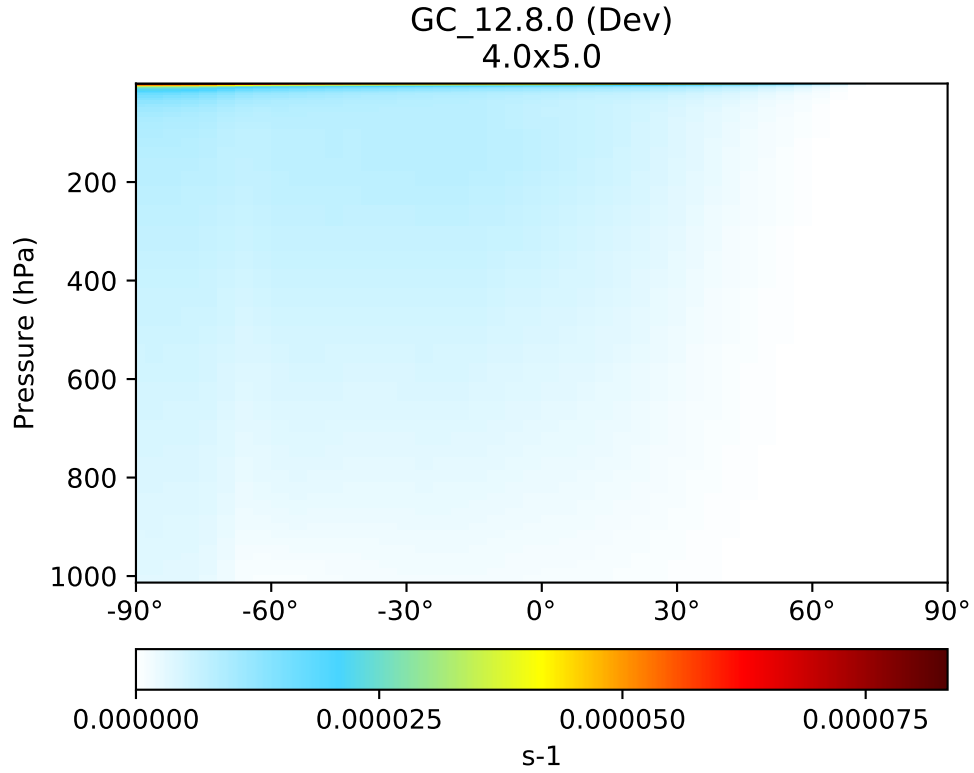


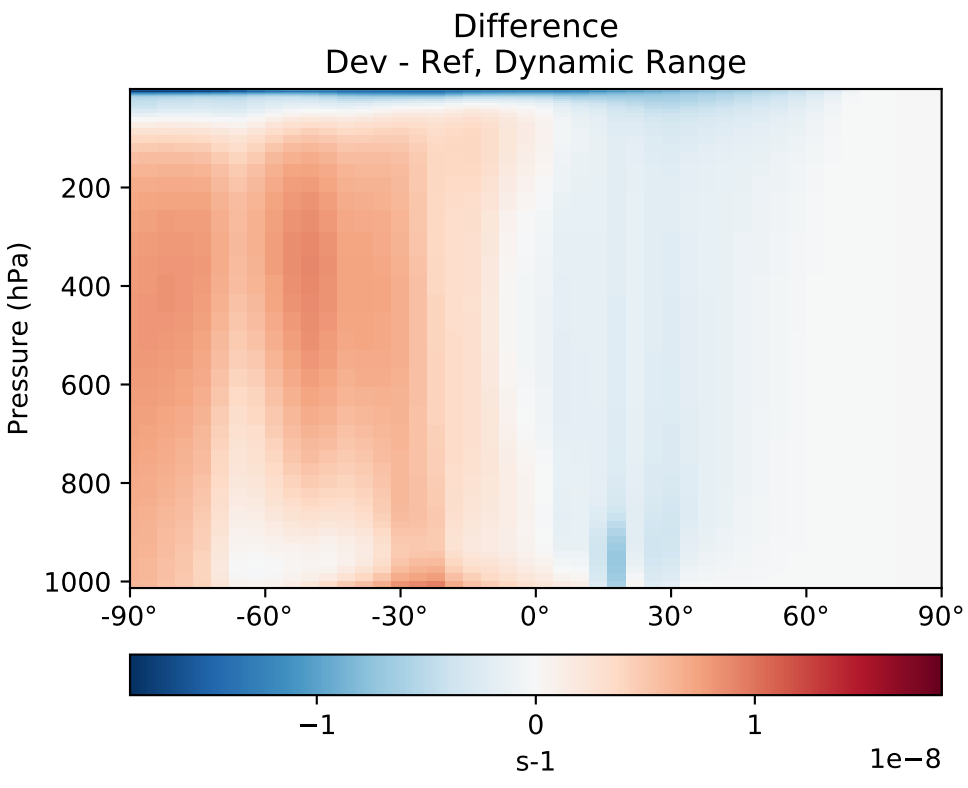


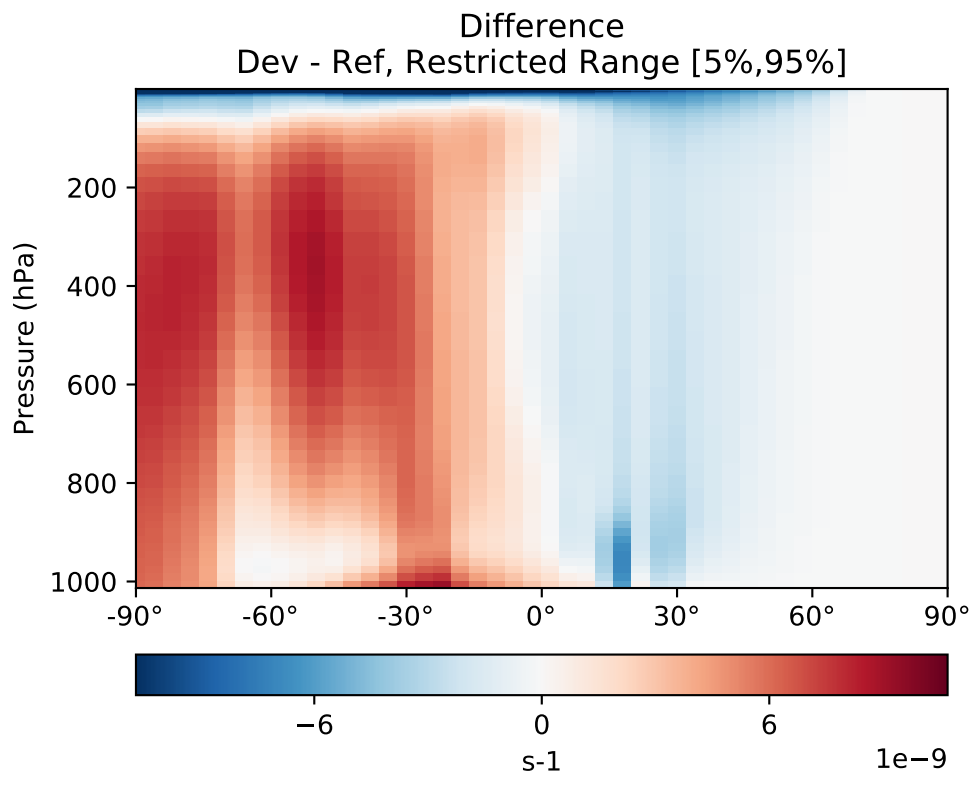


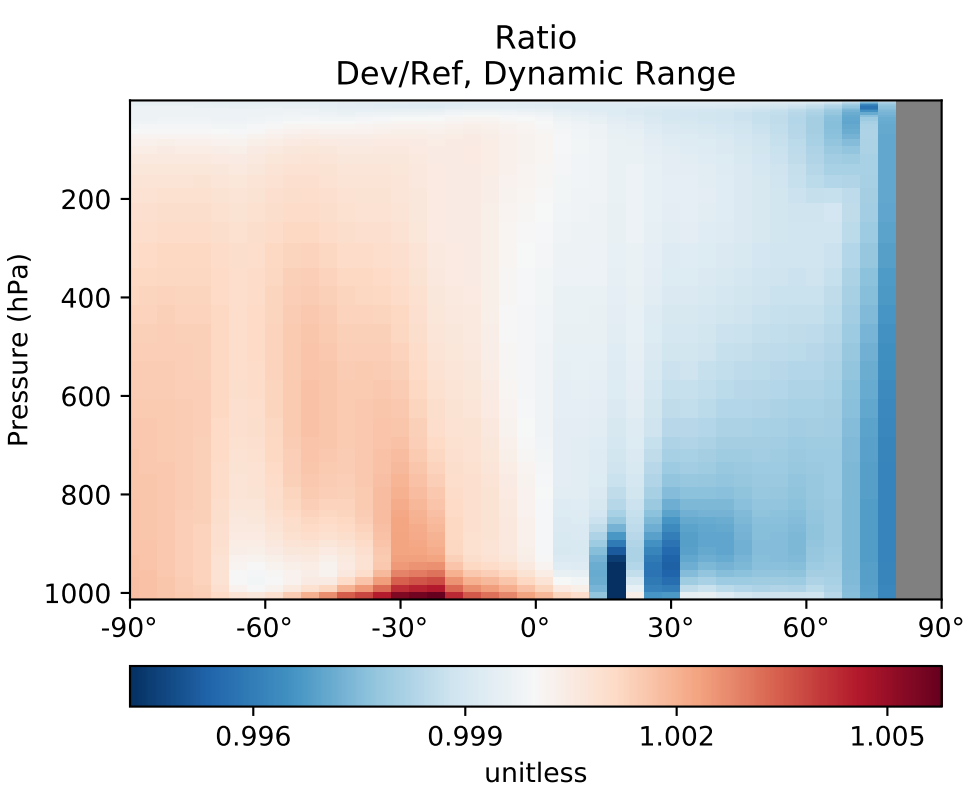
Jval_MEK, Zonal Mean (Jan2016)

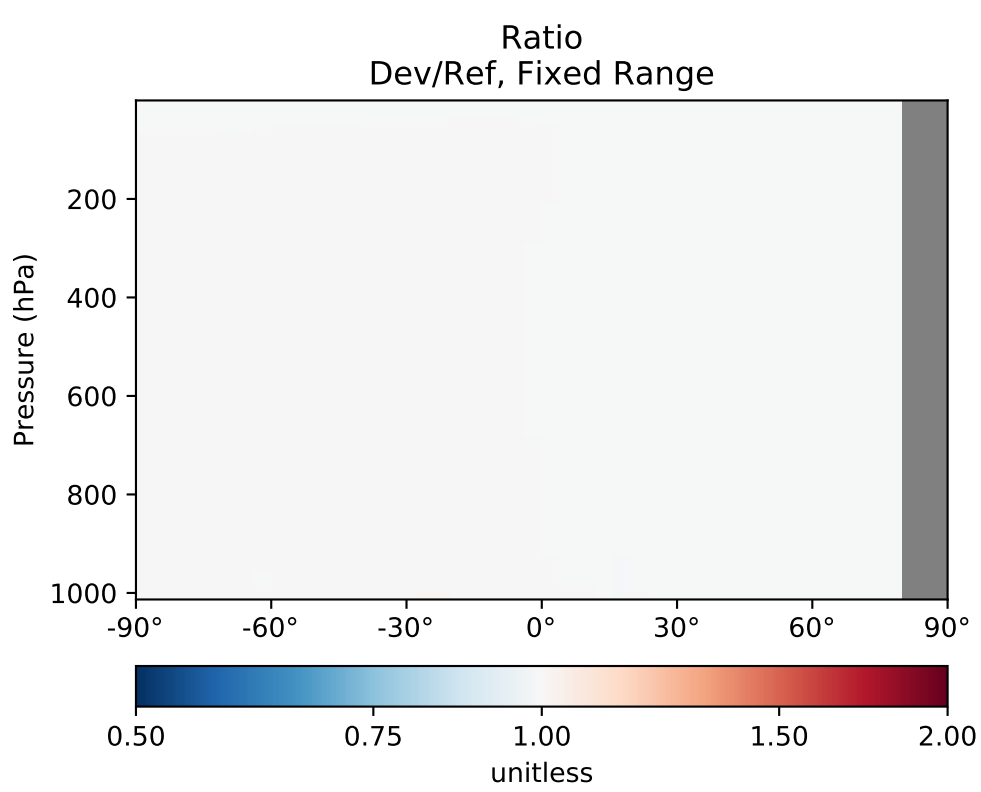




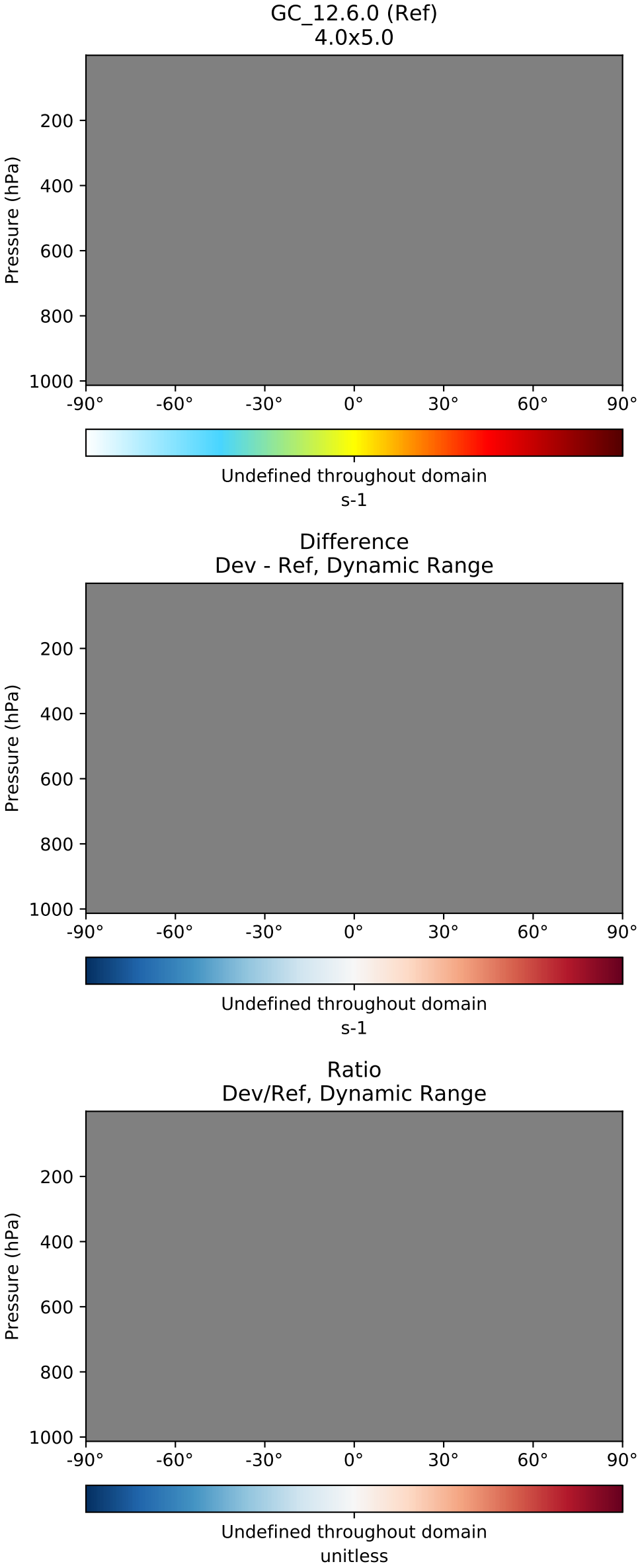


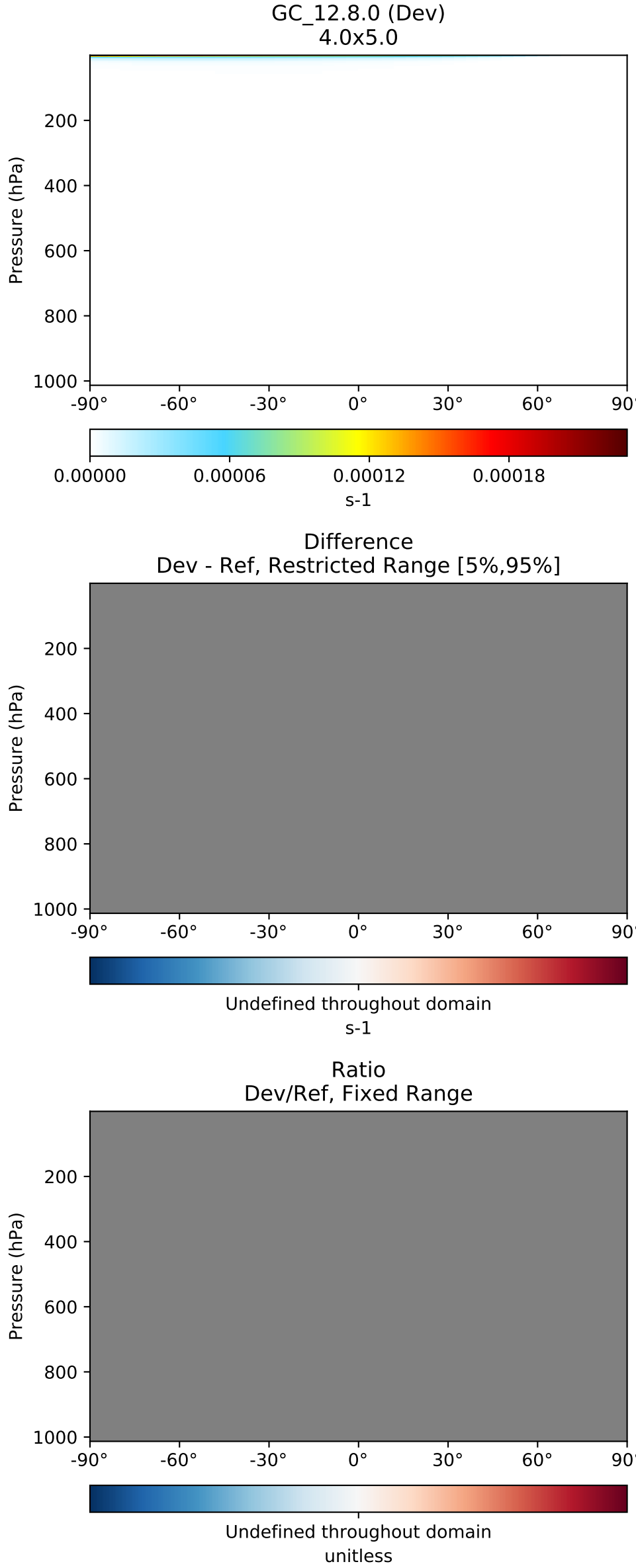




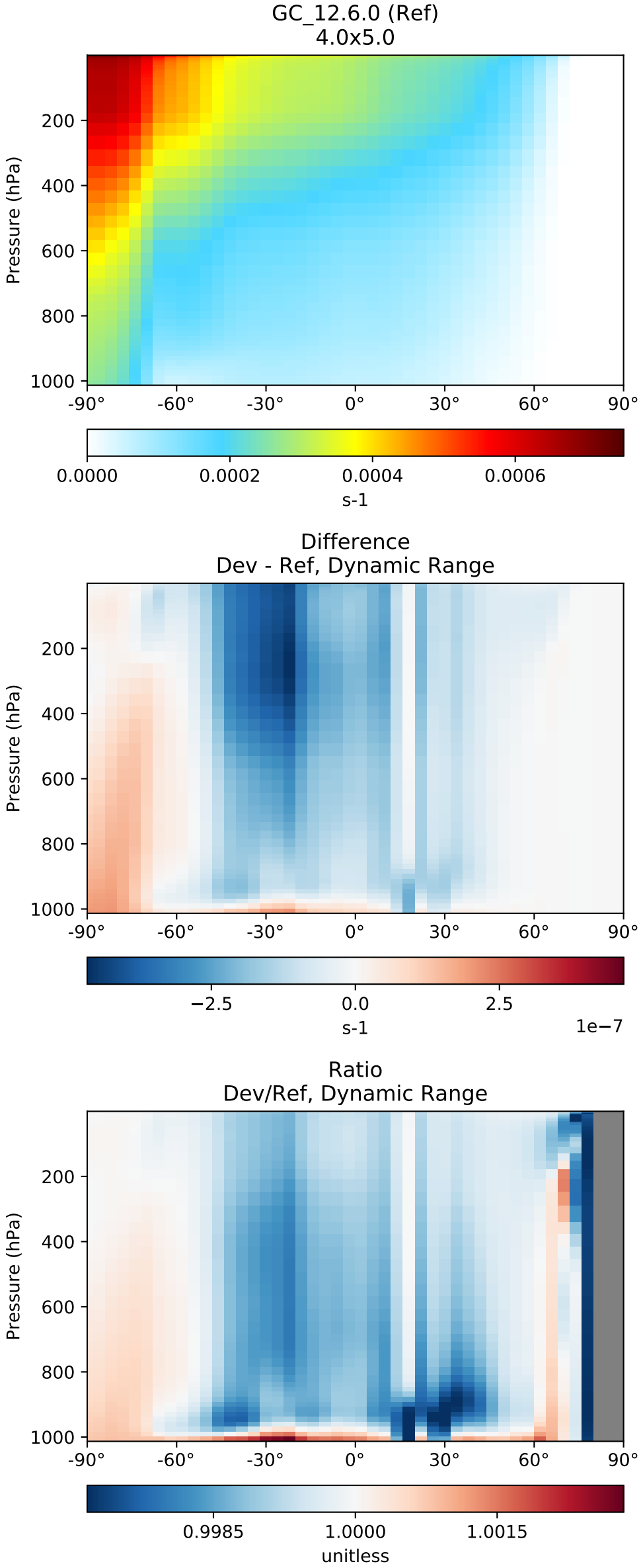


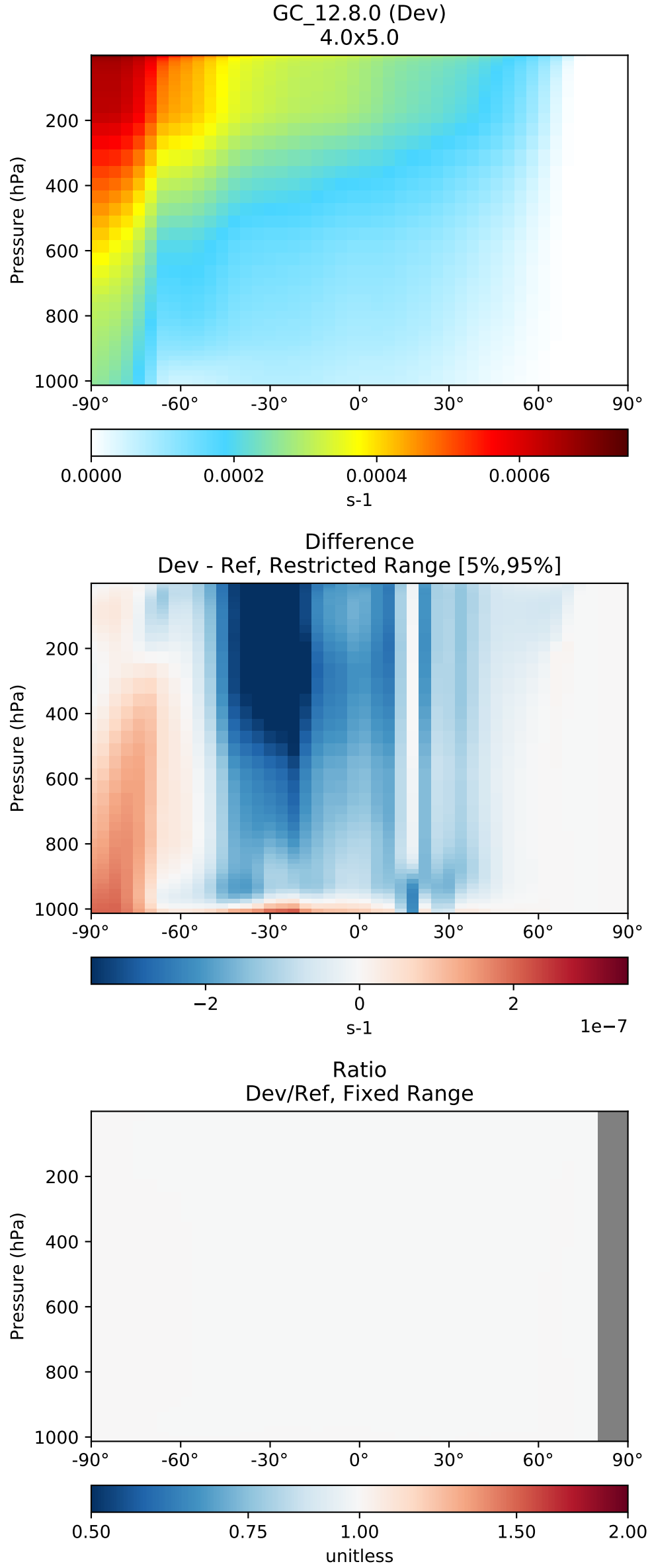
Jval_MENO3, Zonal Mean (Jan2016)



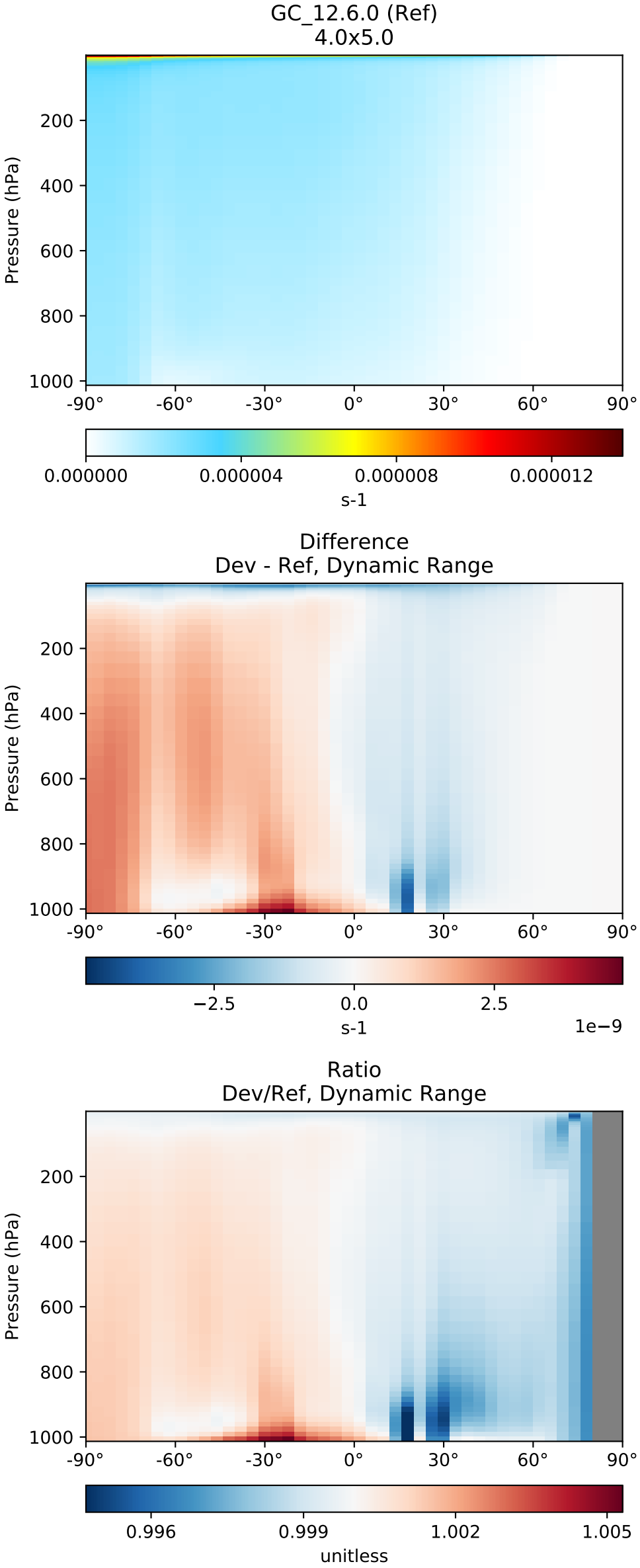


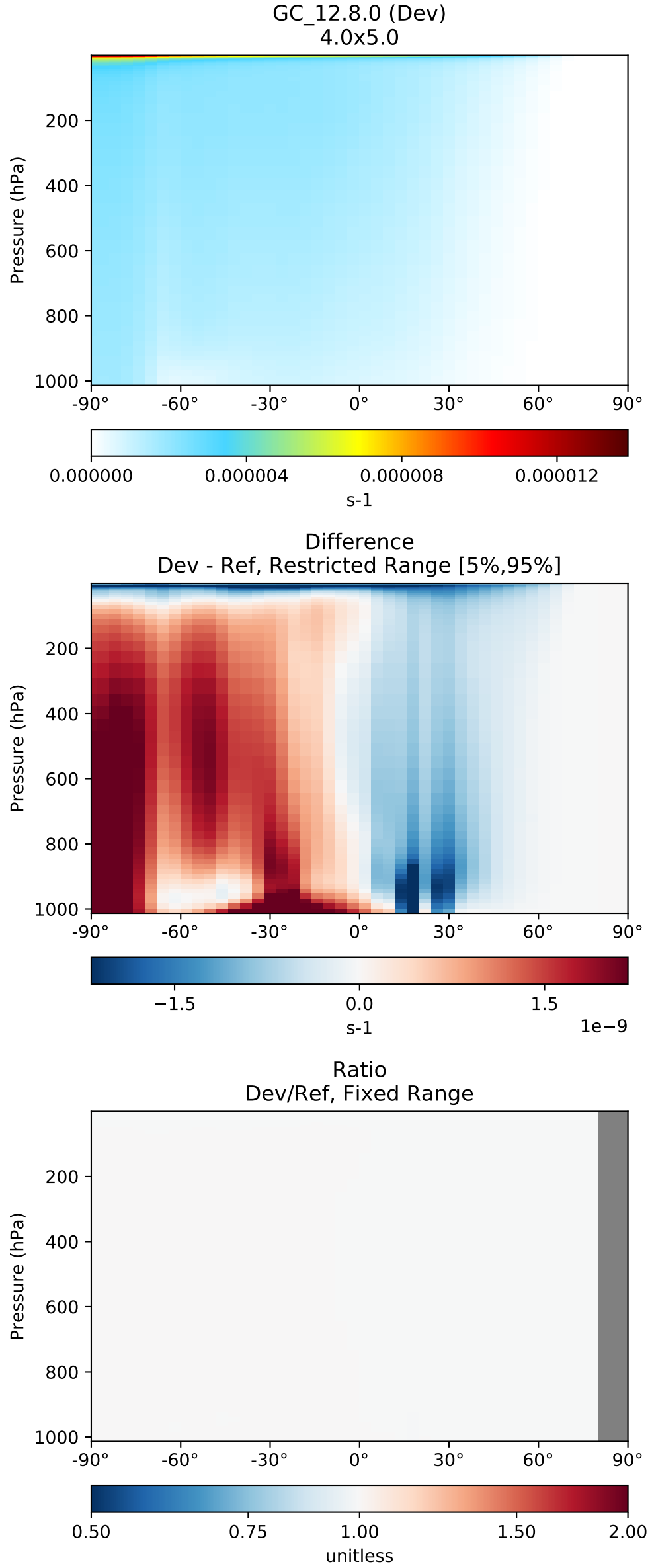
Jval_MGLY, Zonal Mean (Jan2016)



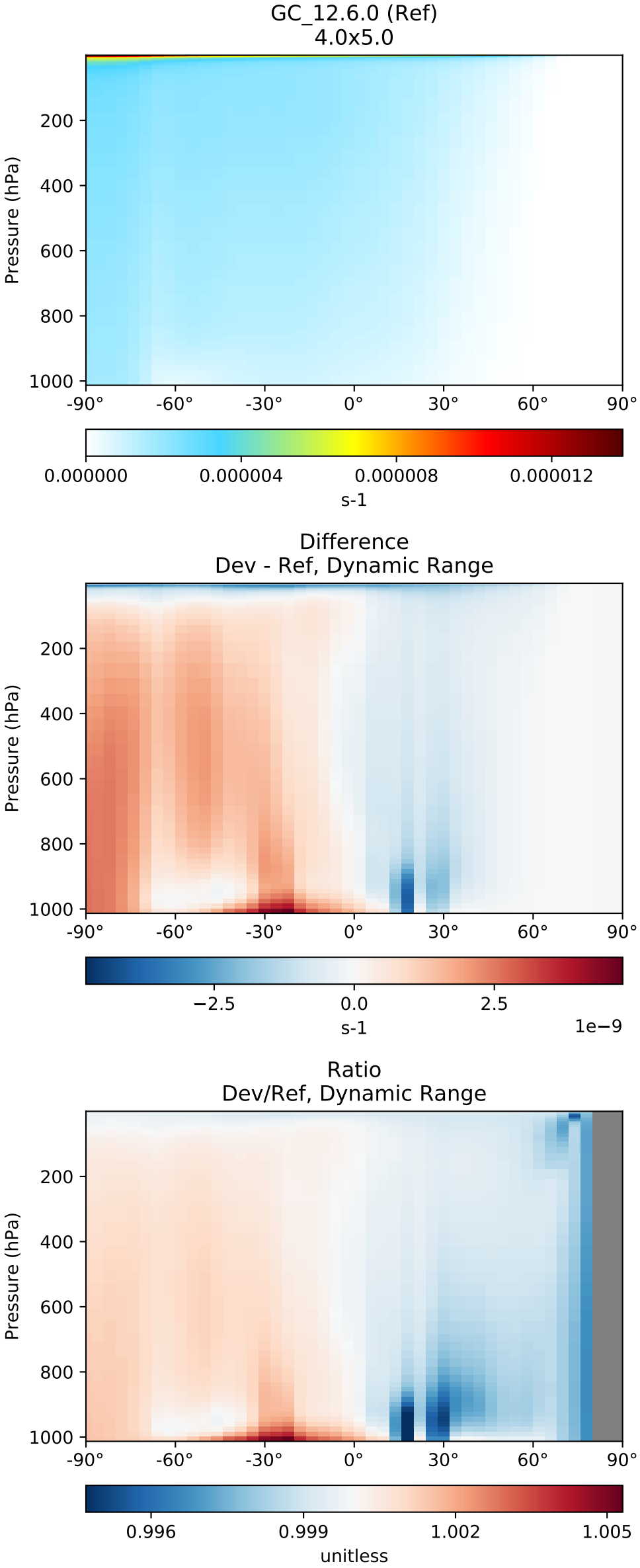


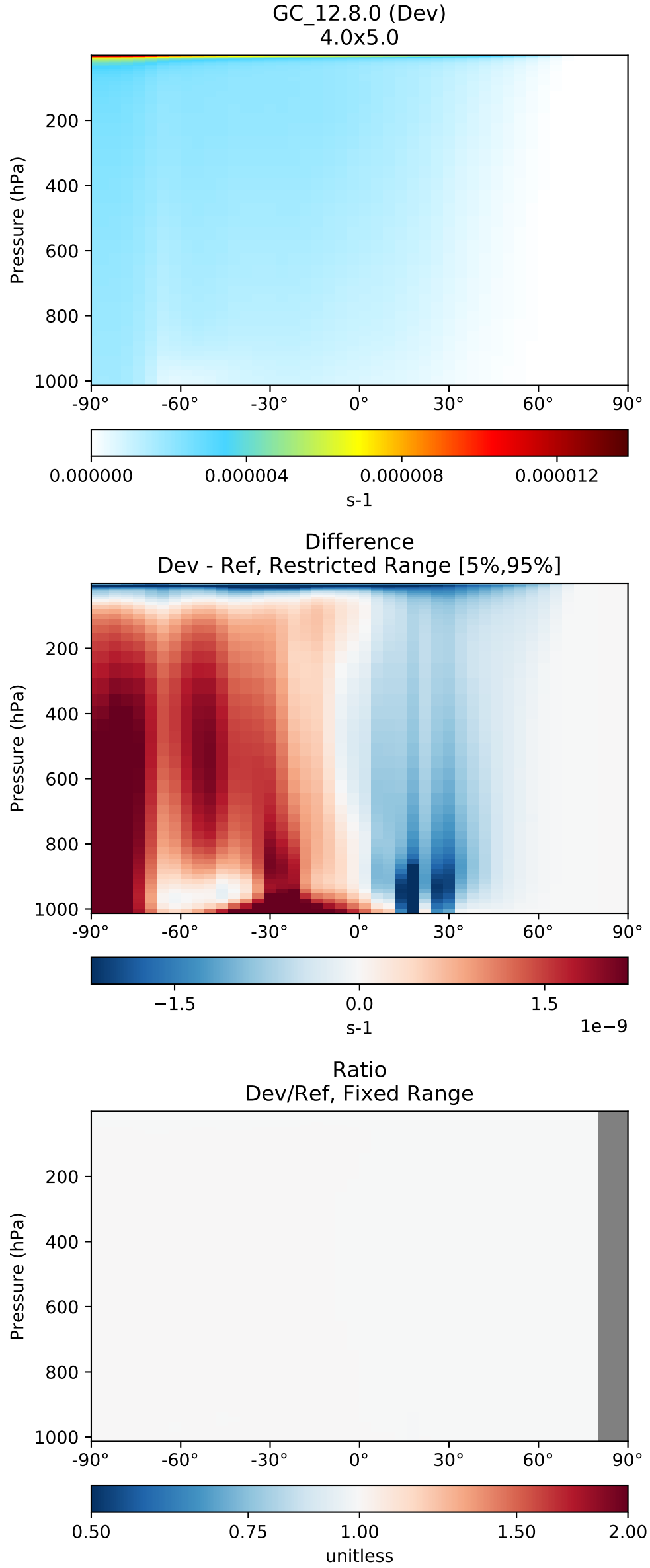
Jval_MONITS, Zonal Mean (Jan2016)



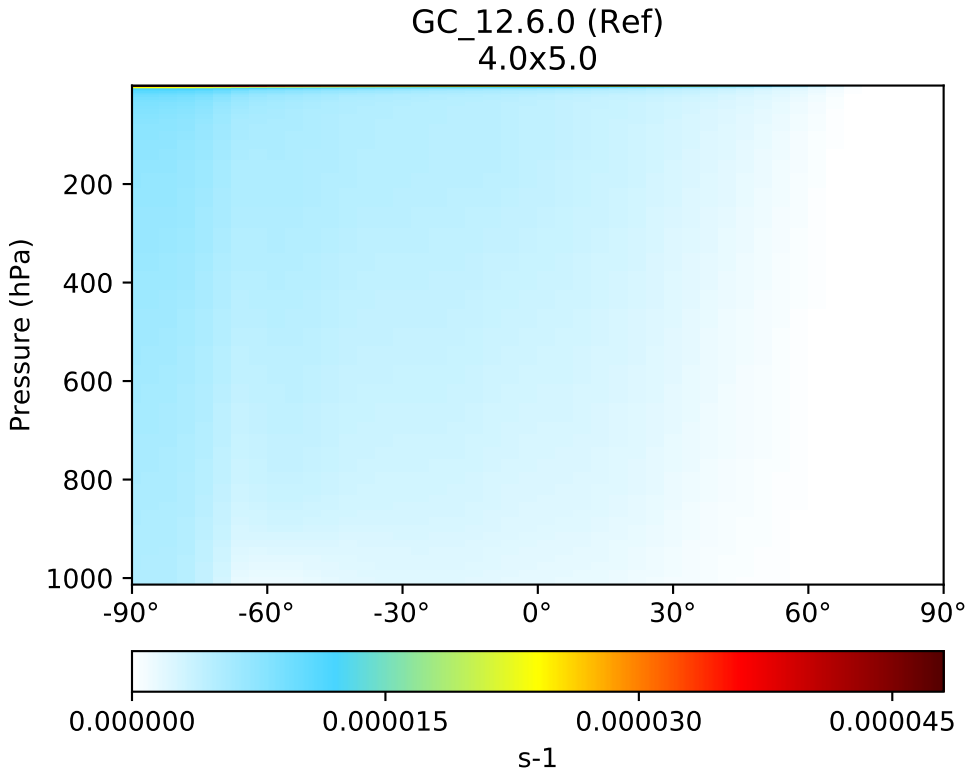


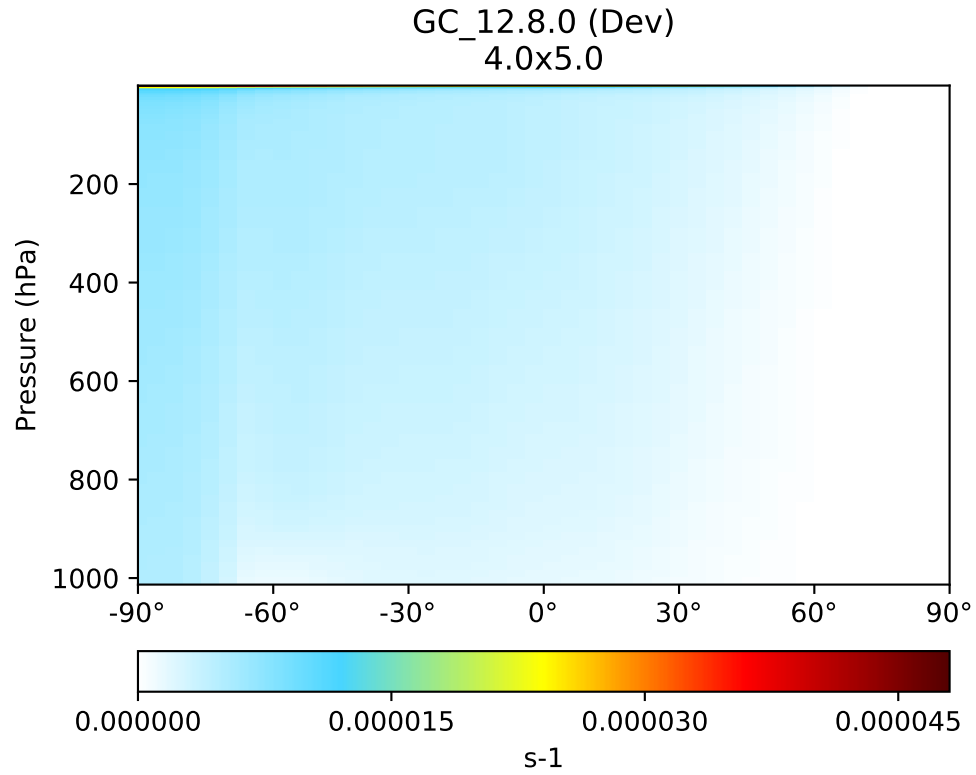
Jval_MONITU, Zonal Mean (Jan2016)

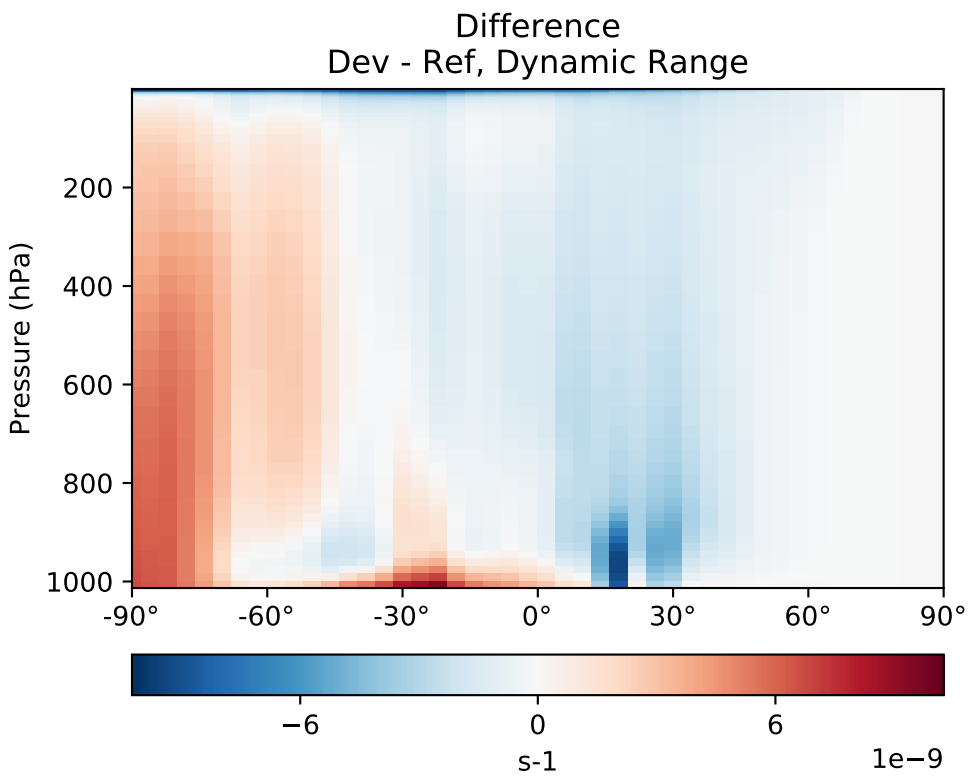


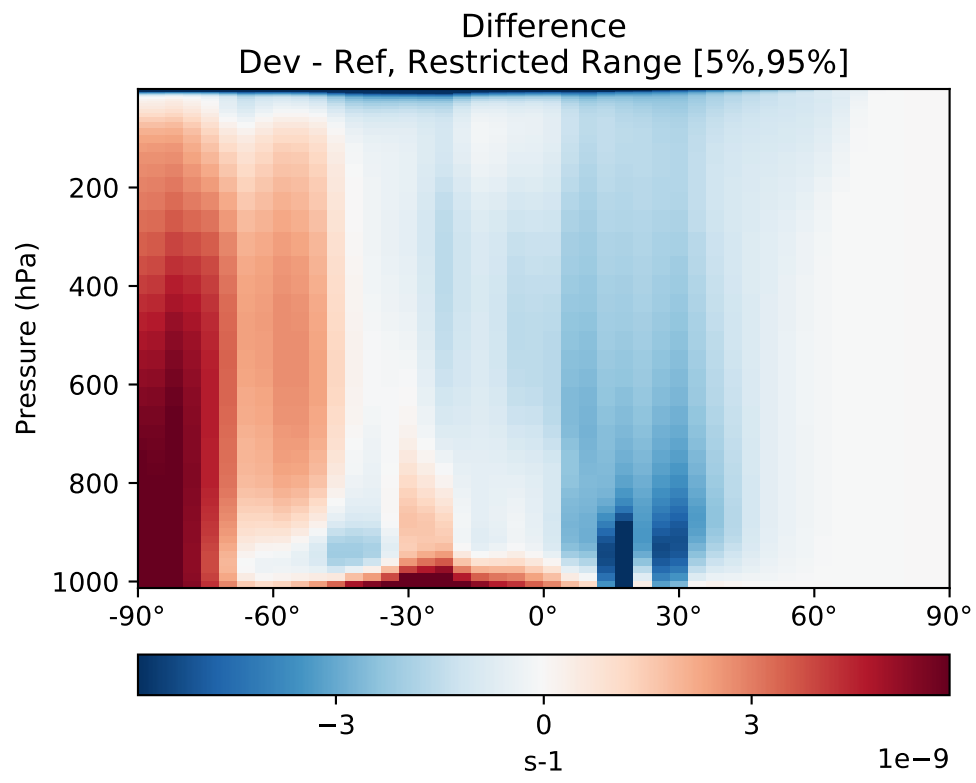


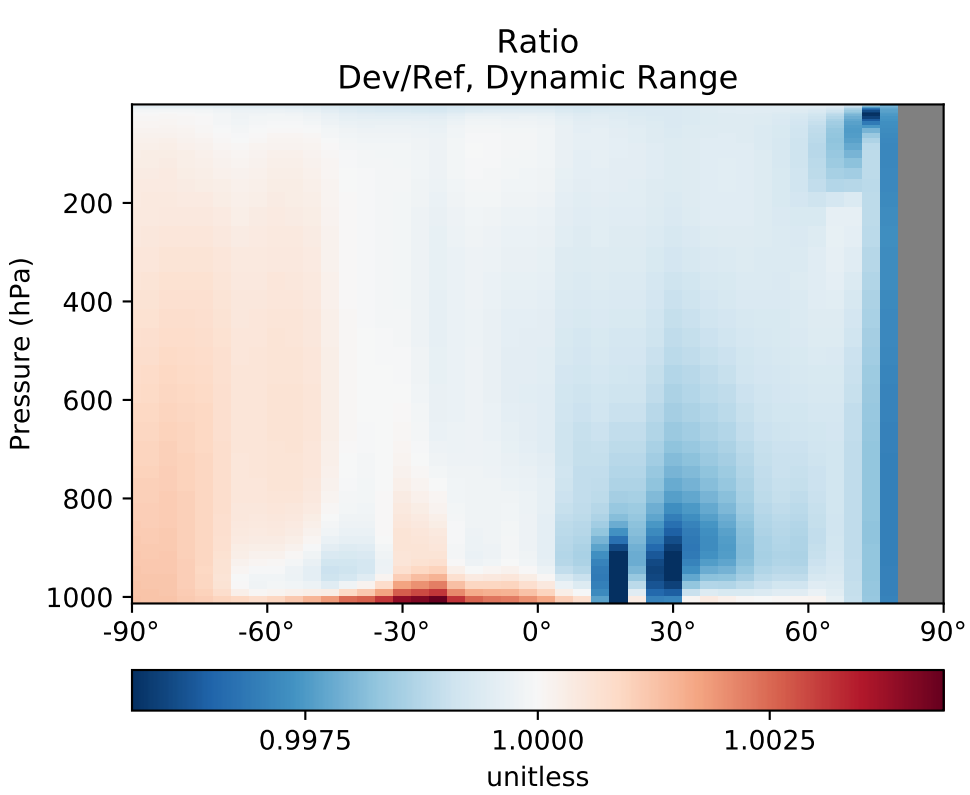
Jval_MP, Zonal Mean (Jan2016)

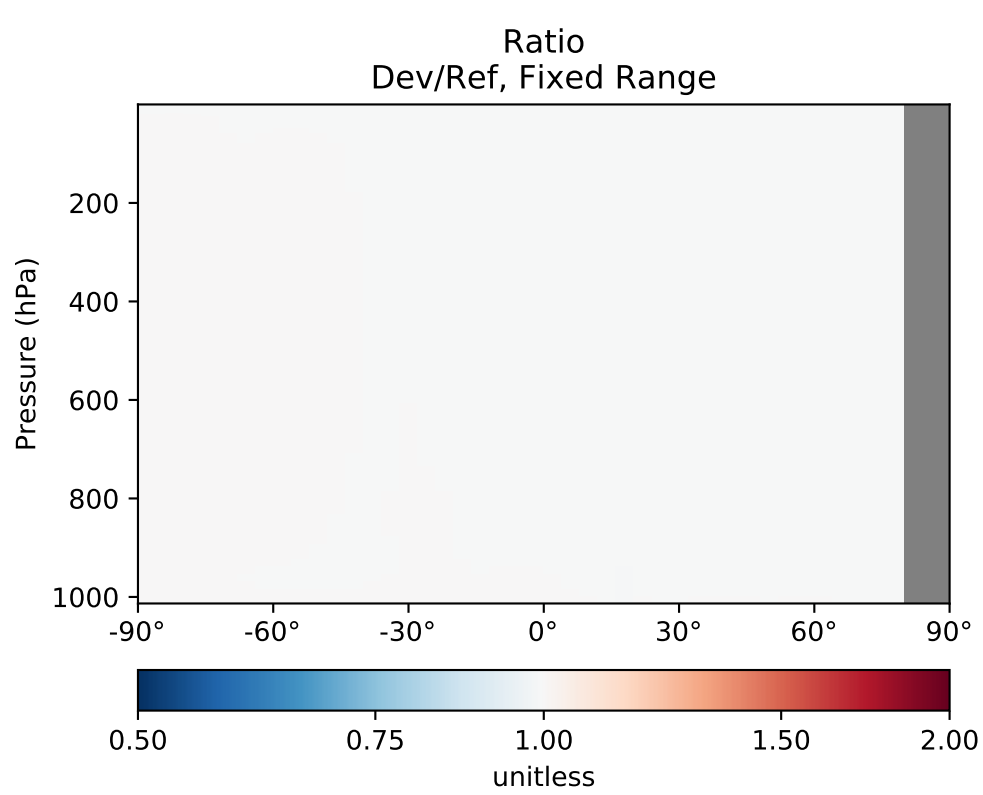






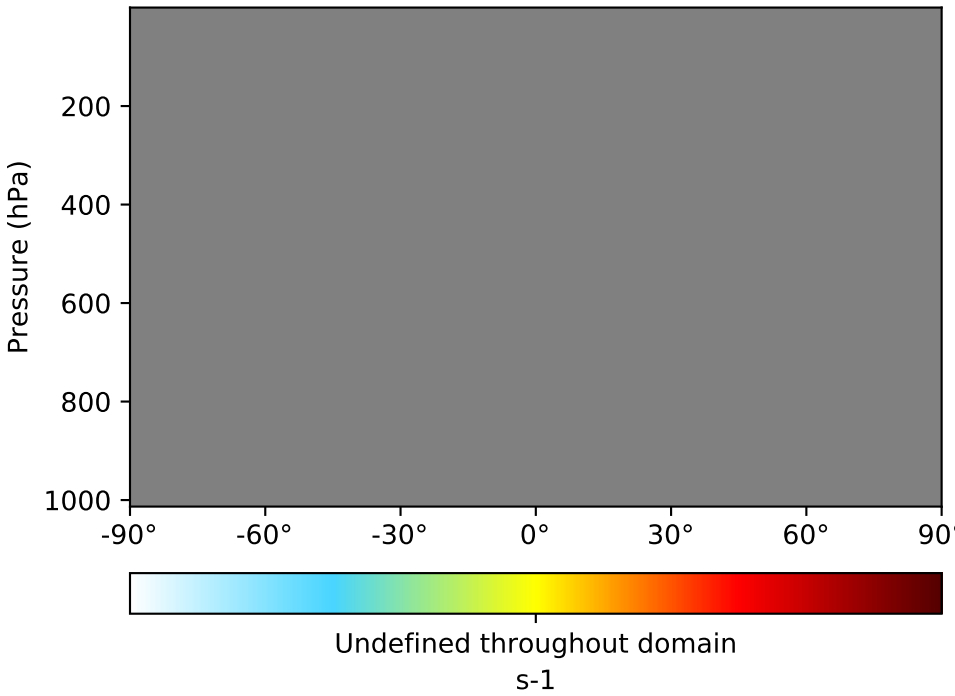




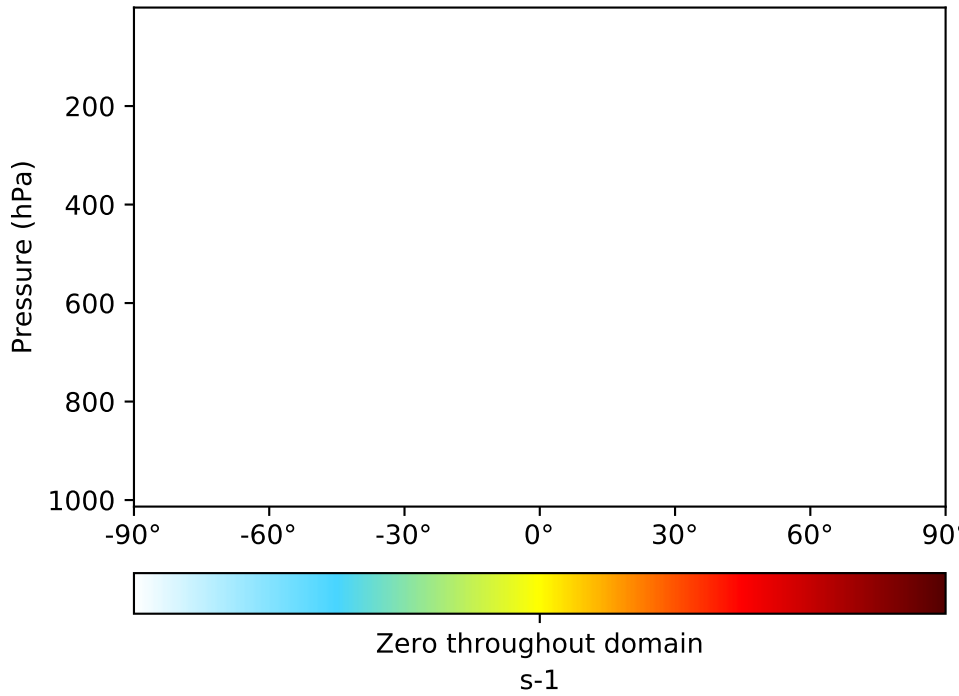


Jval_MPAN, Zonal Mean (Jan2016)

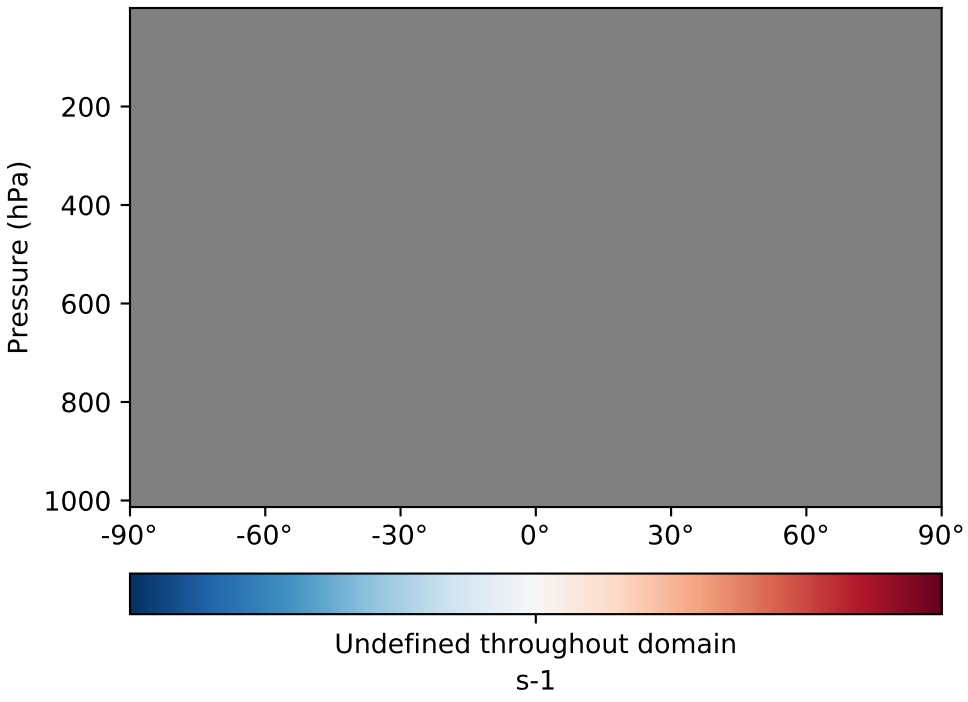
GC_12.6.0 (Ref)
4.0x5.0



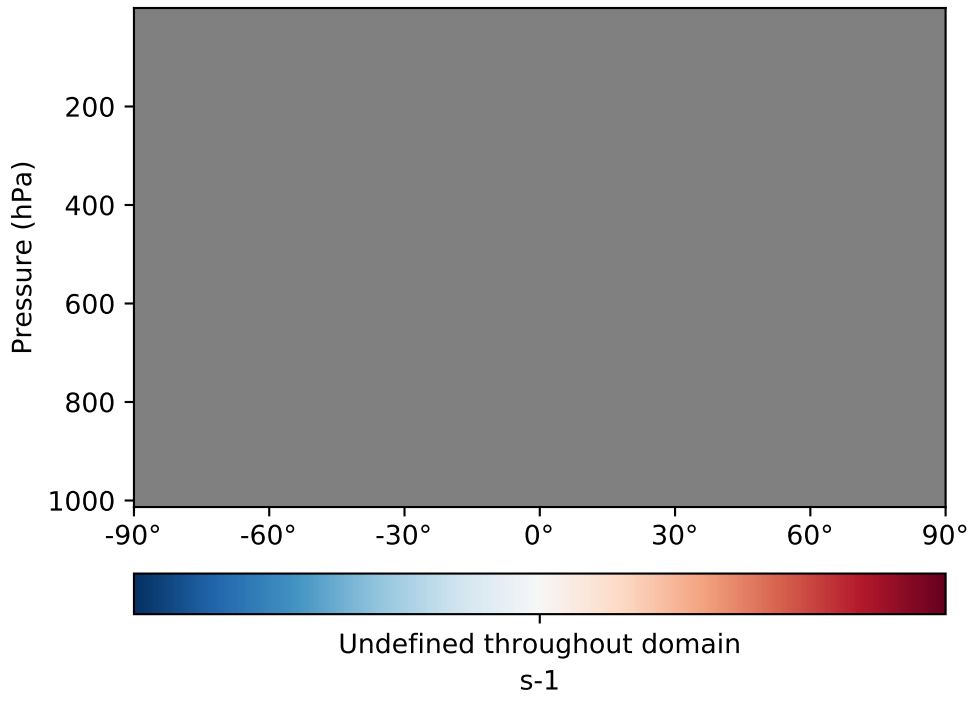
GC_12.8.0 (Dev)
4.0x5.0



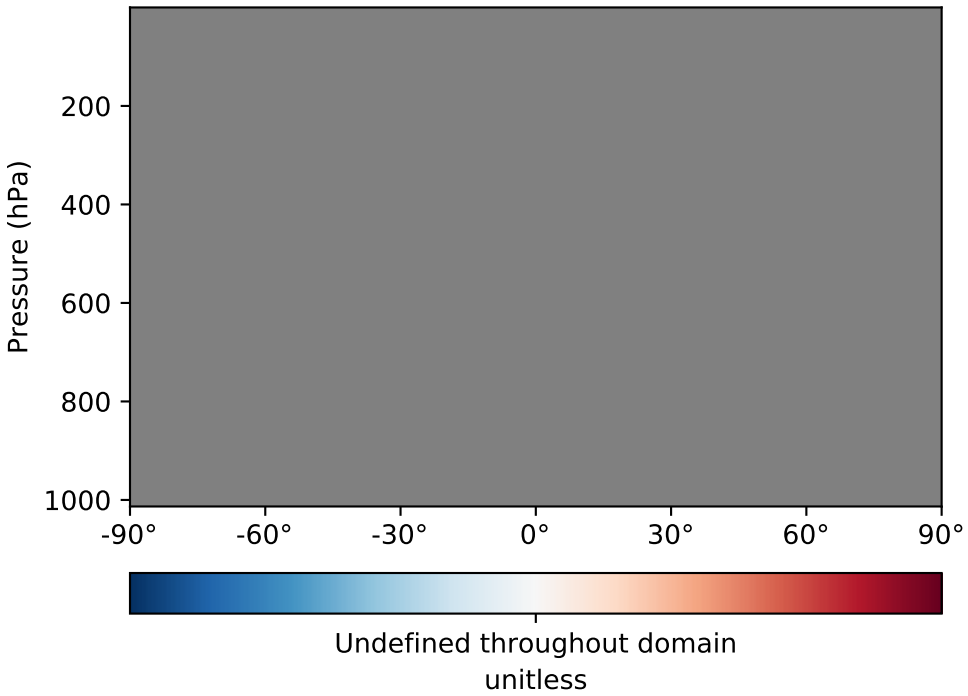
Difference
Dev - Ref, Dynamic Range



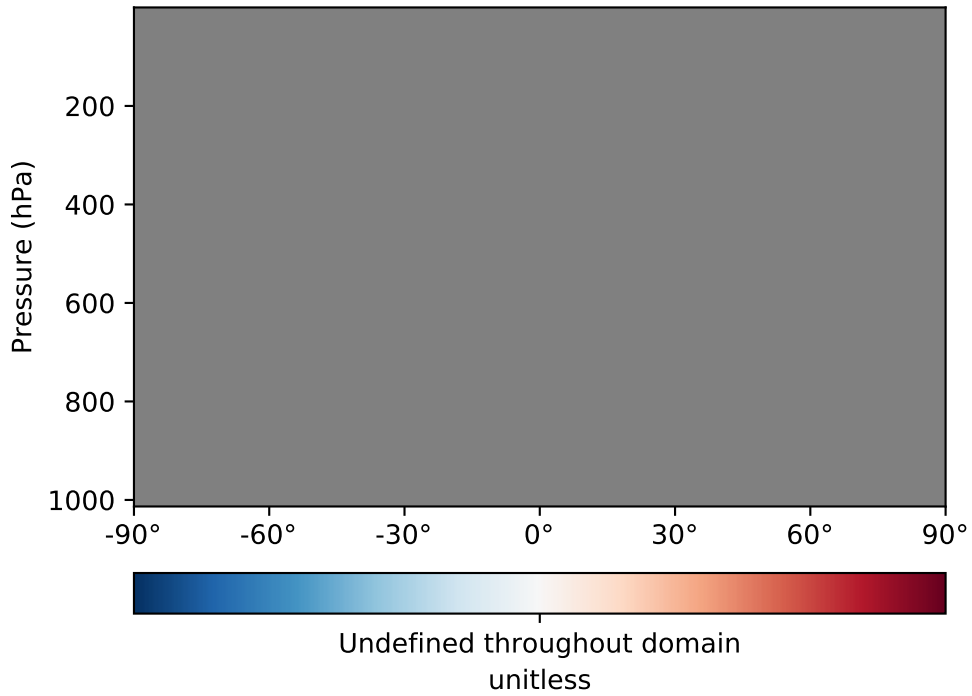
Difference
Dev - Ref, Restricted Range [5%,95%]



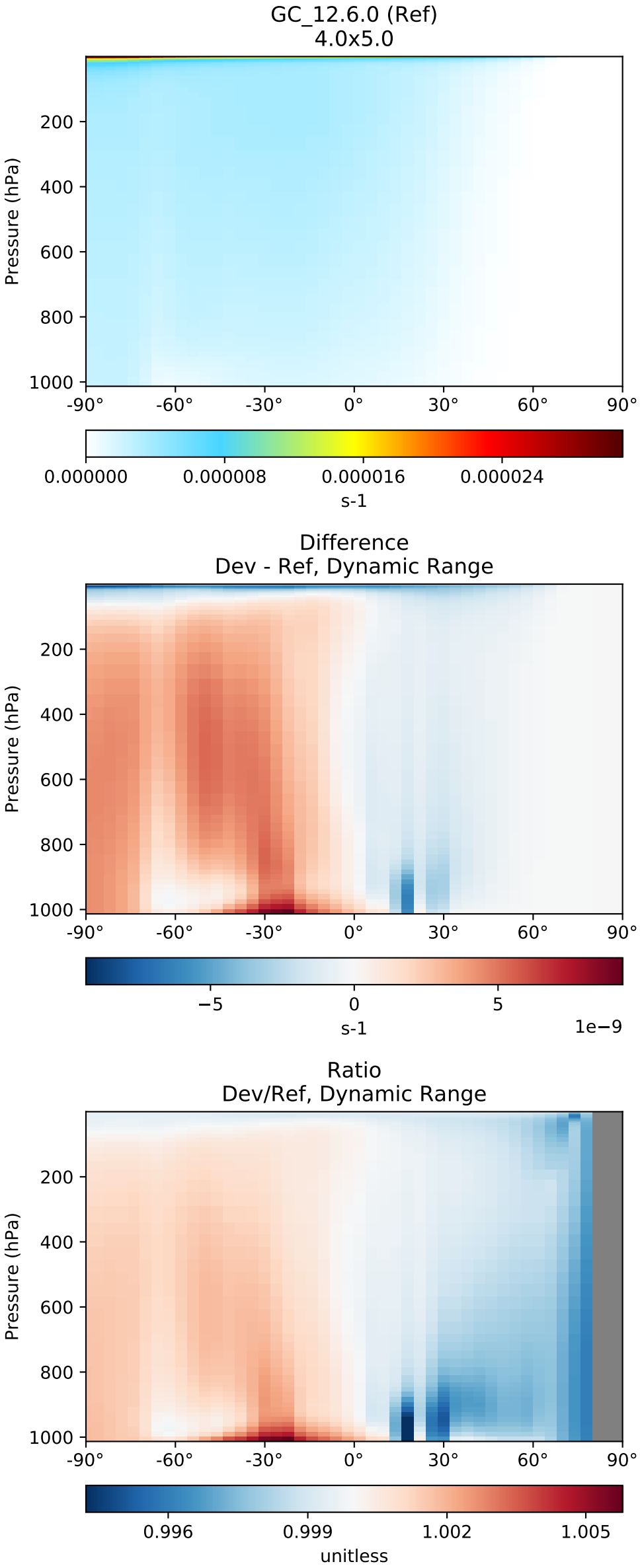
Ratio
Dev/Ref, Dynamic Range

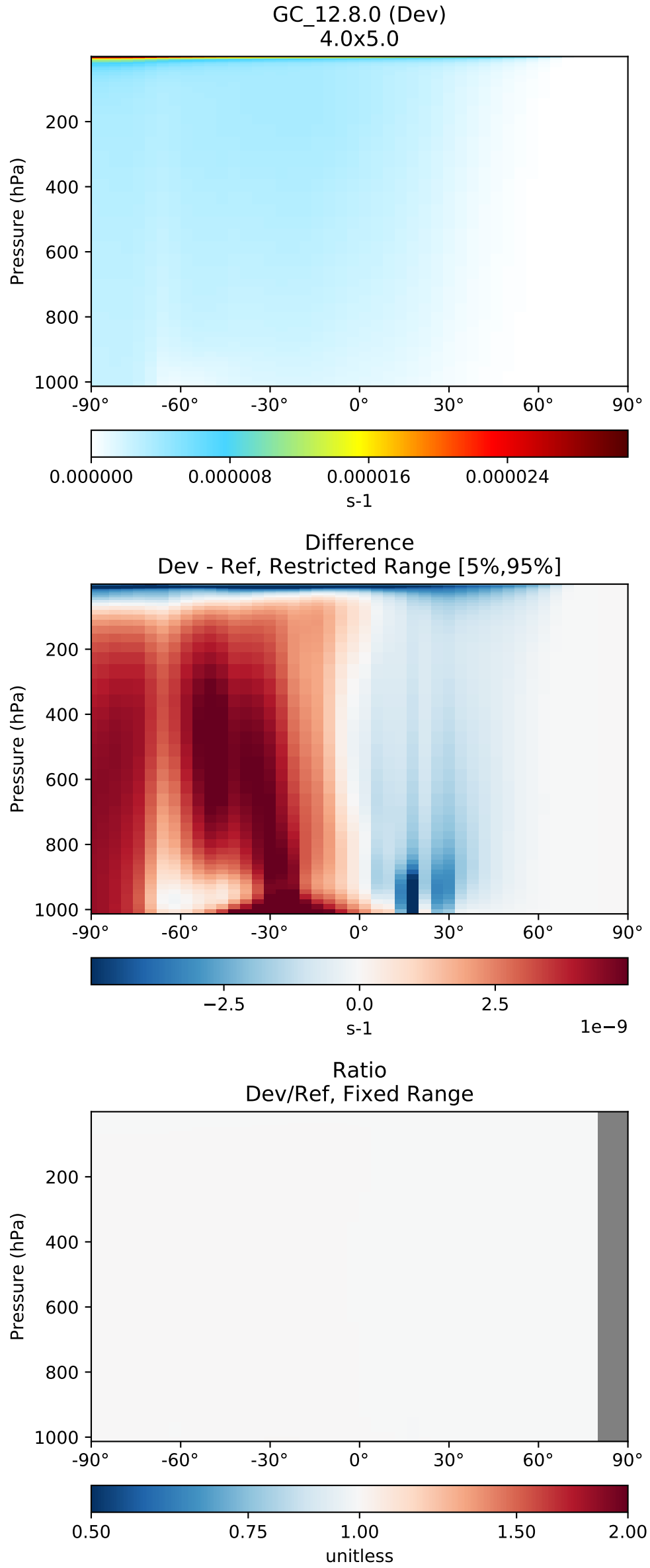


Ratio
Dev/Ref, Fixed Range

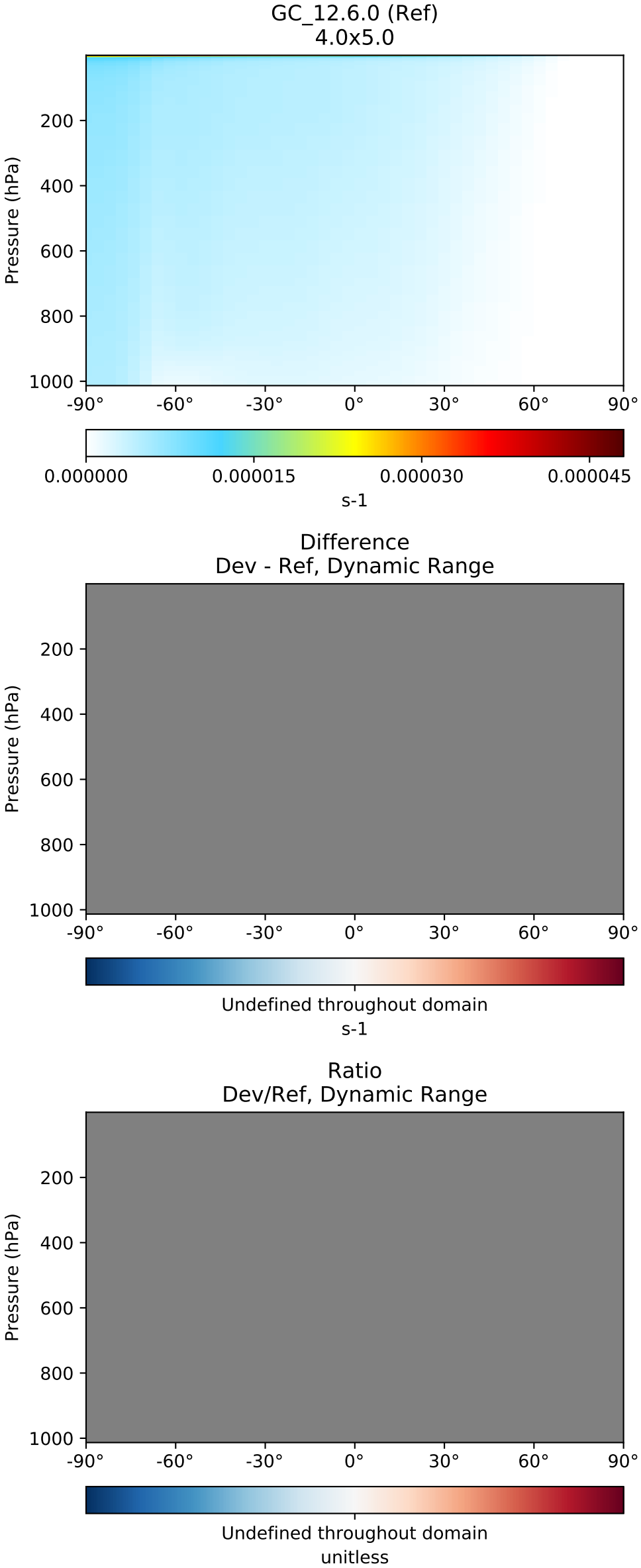


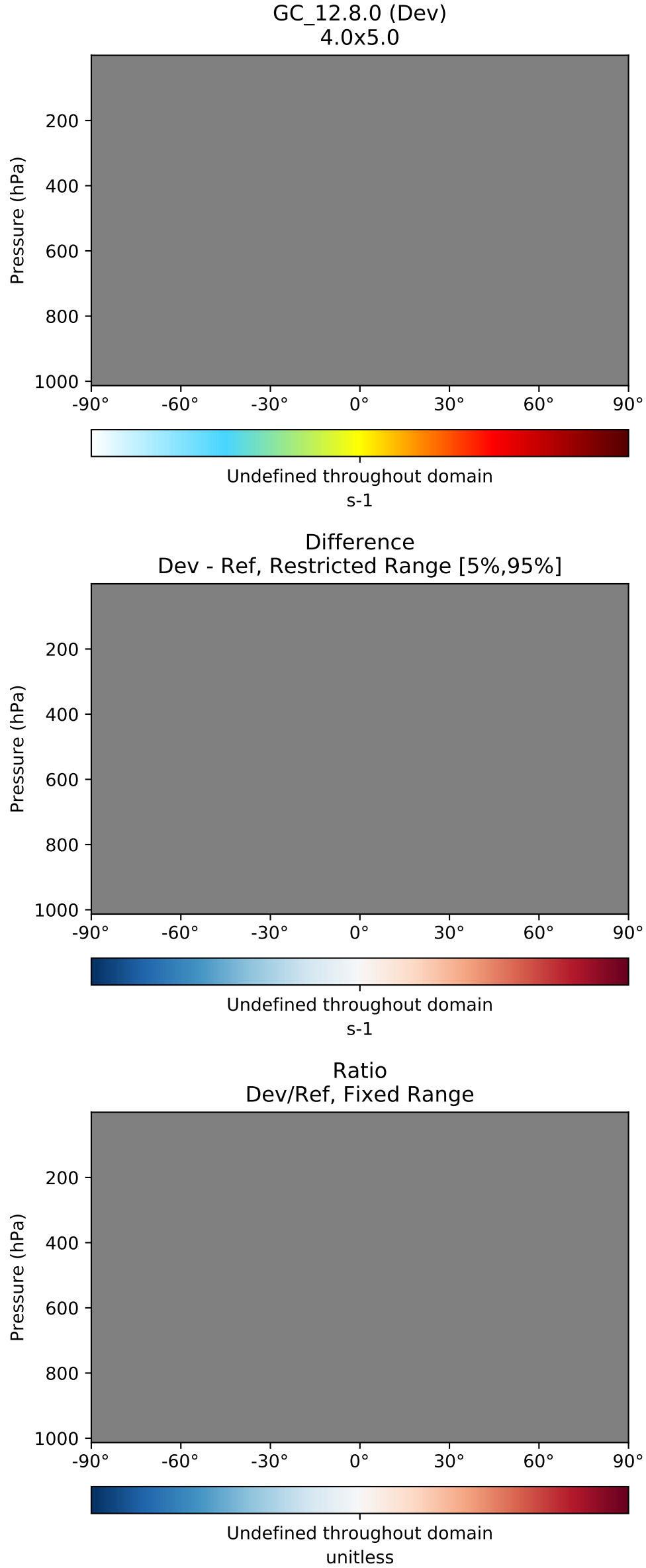
Jval_MPN, Zonal Mean (Jan2016)



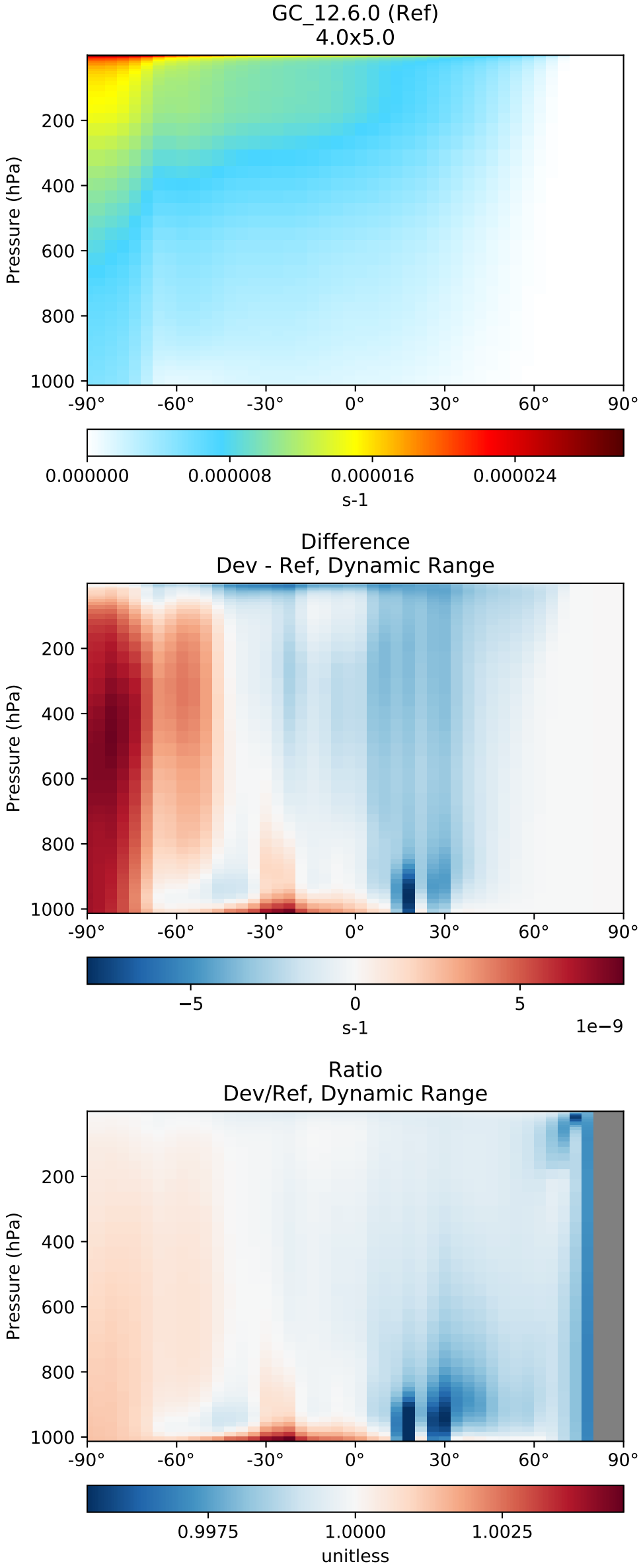


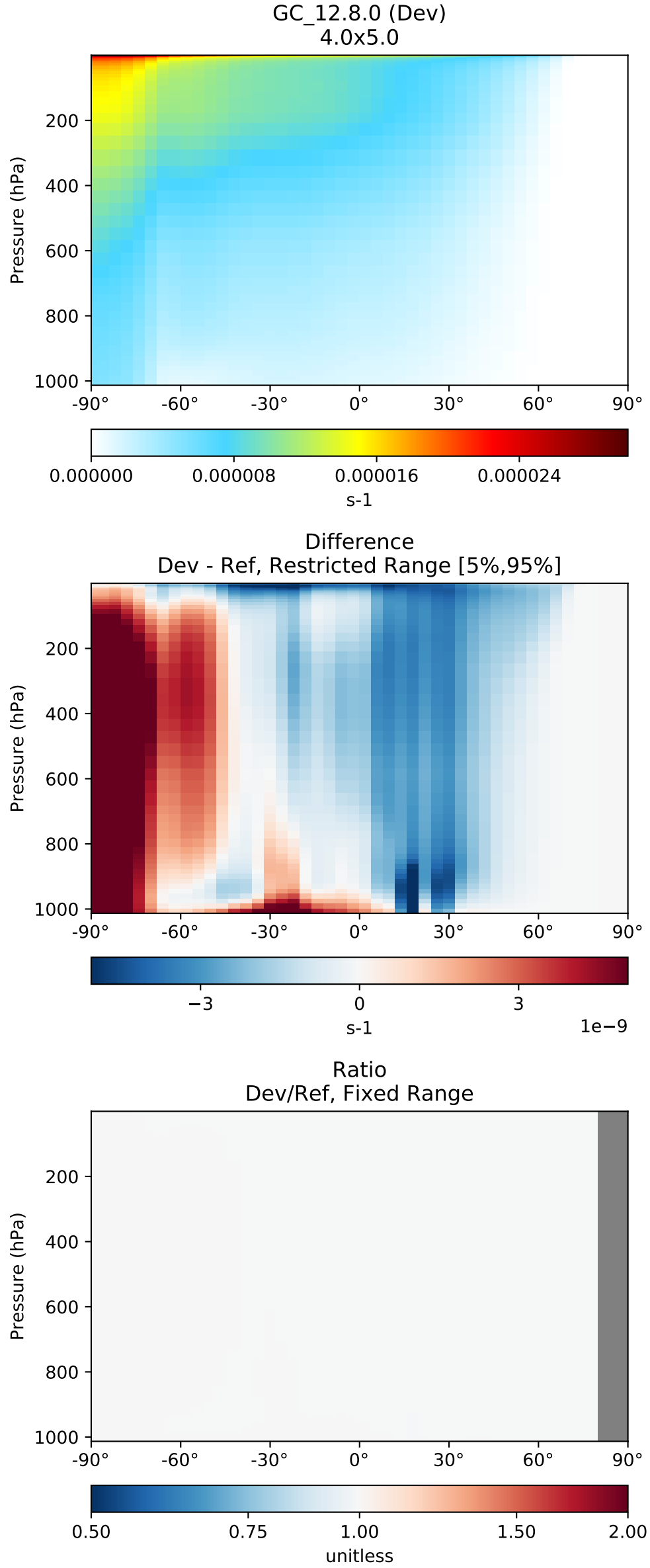
Jval_MRP, Zonal Mean (Jan2016)



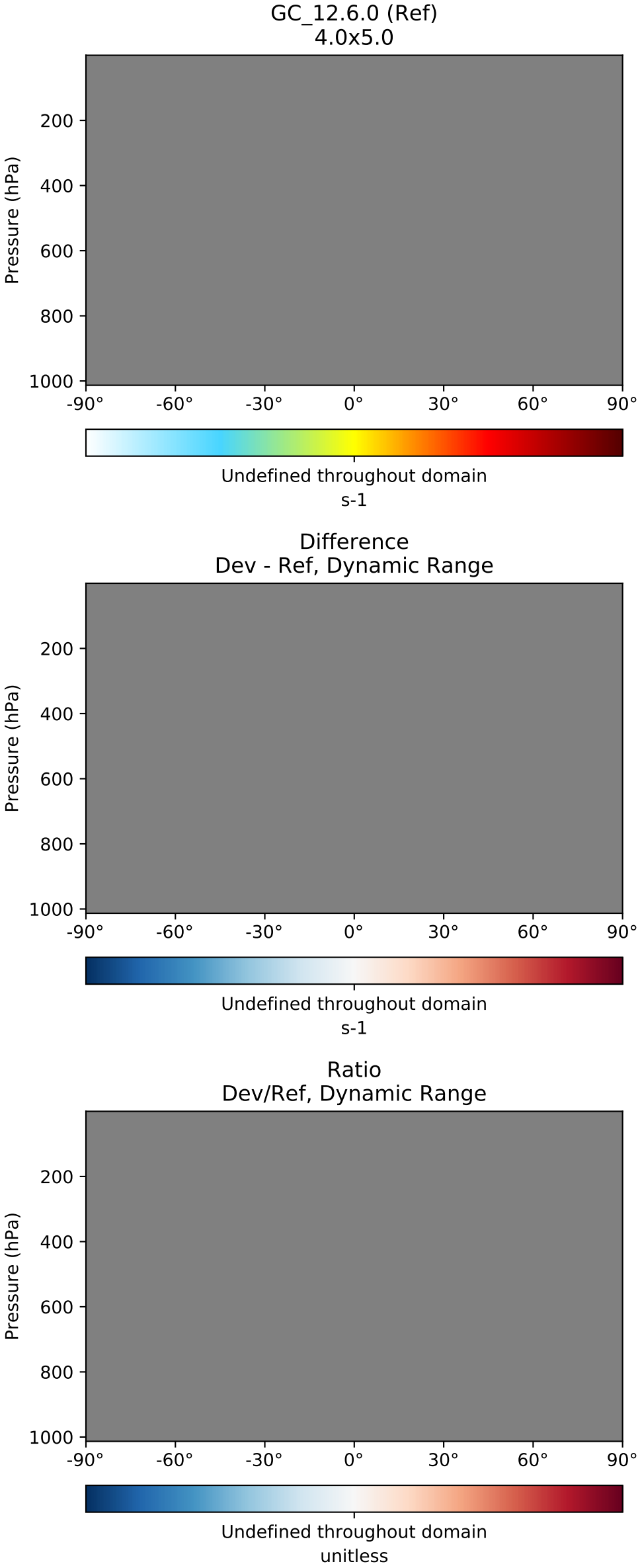


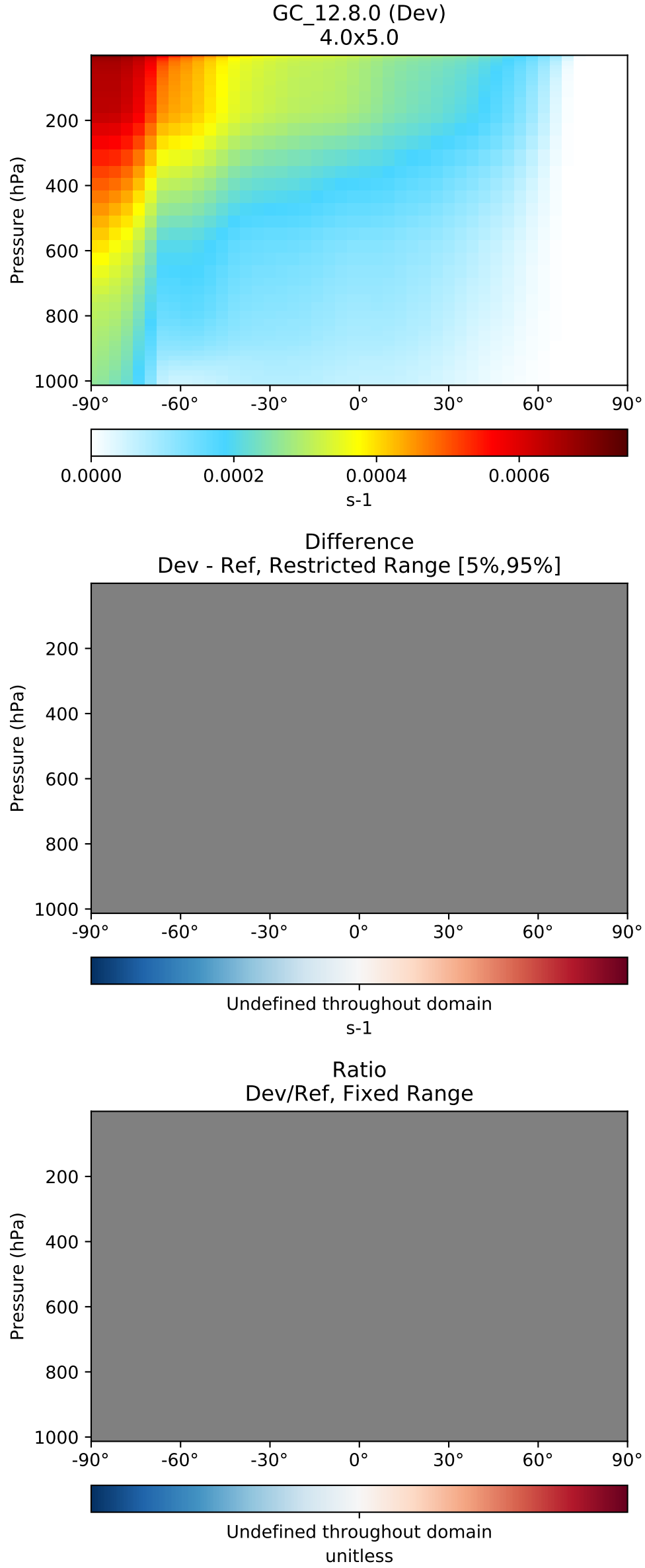
Jval_MVK, Zonal Mean (Jan2016)





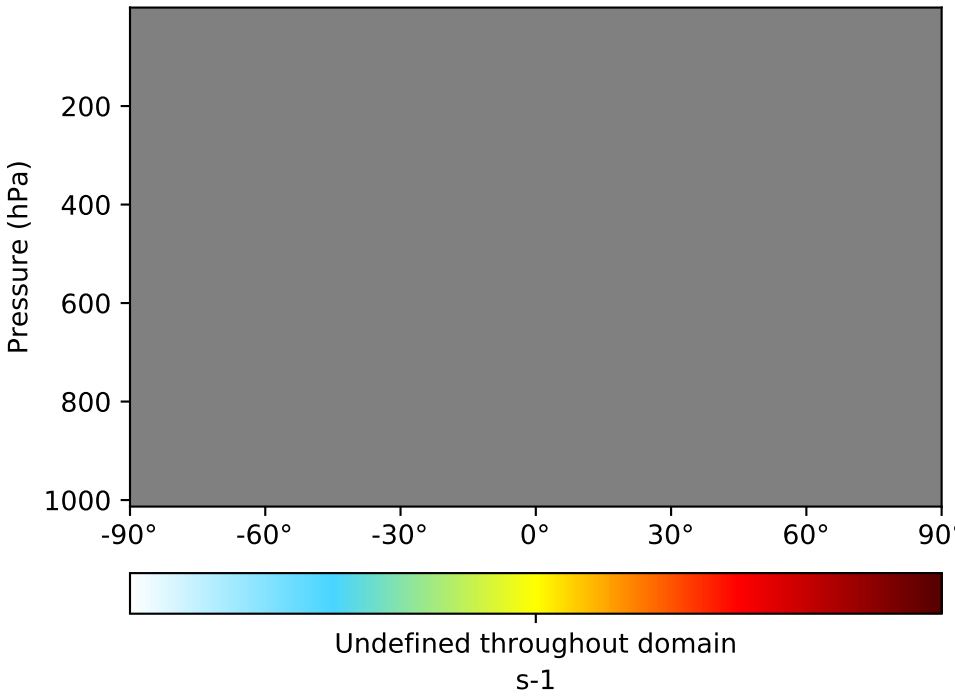
Jval_MVKHC, Zonal Mean (Jan2016)



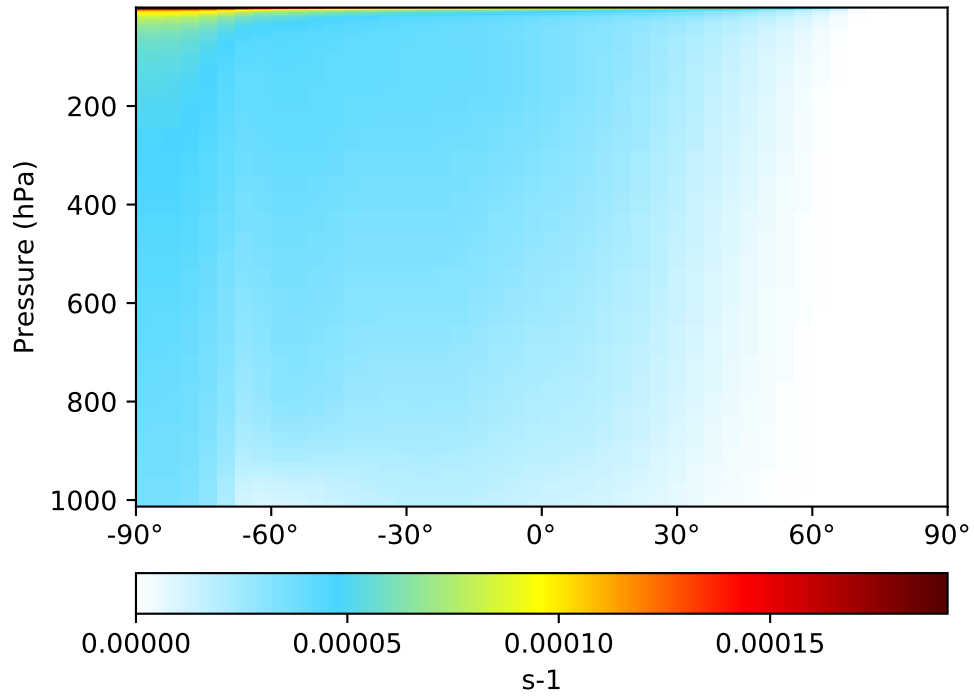


Jval_MVKHCB, Zonal Mean (Jan2016)

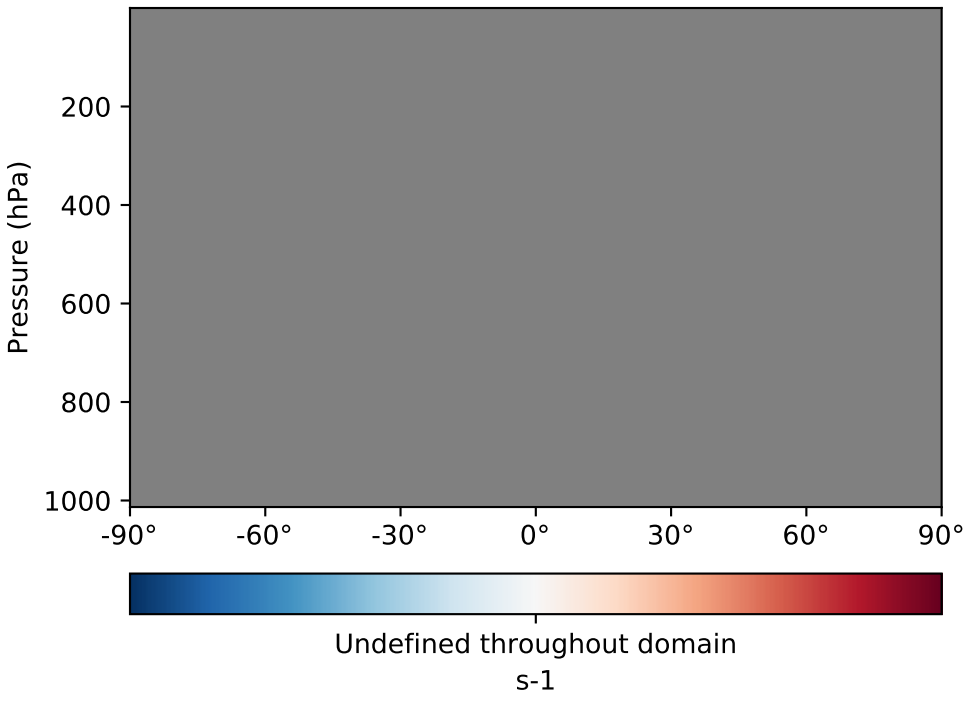
GC_12.6.0 (Ref)
4.0x5.0



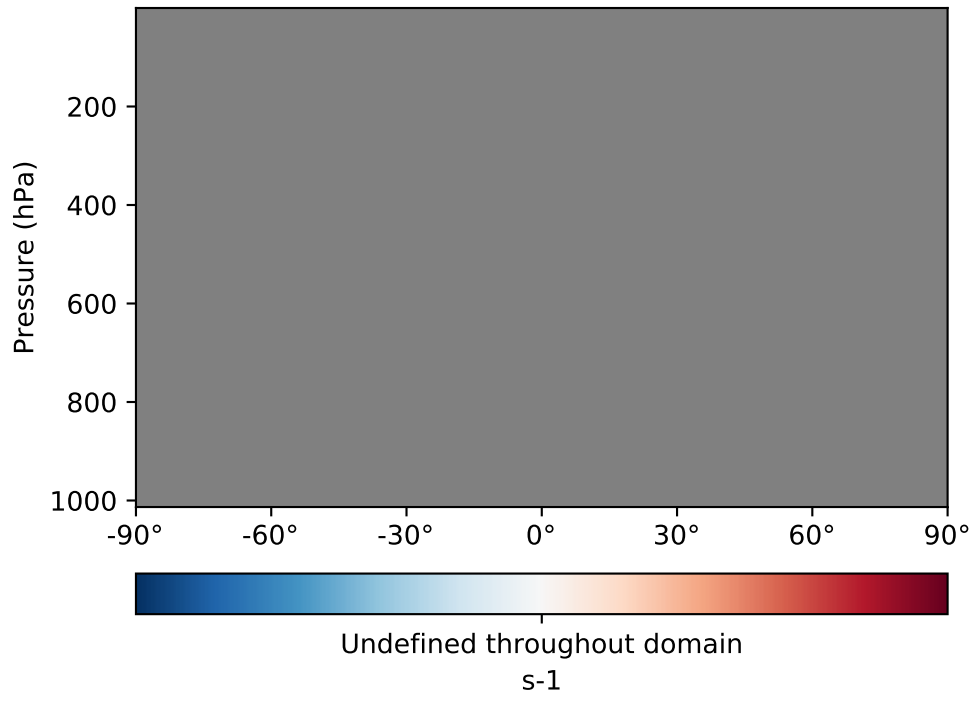
GC_12.8.0 (Dev)
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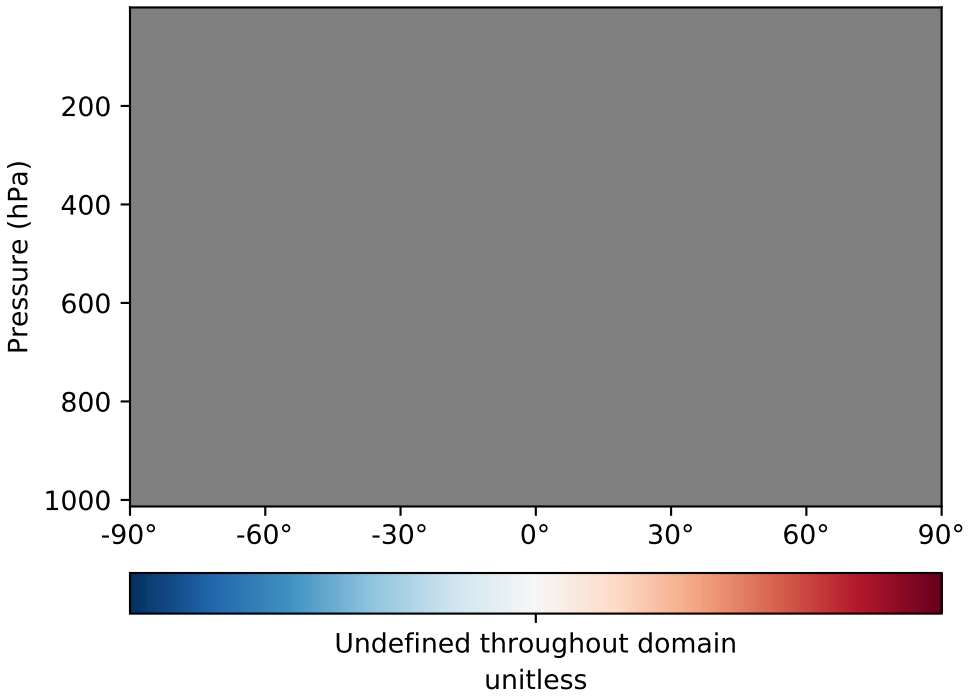
Difference
Dev - Ref, Dynamic Range



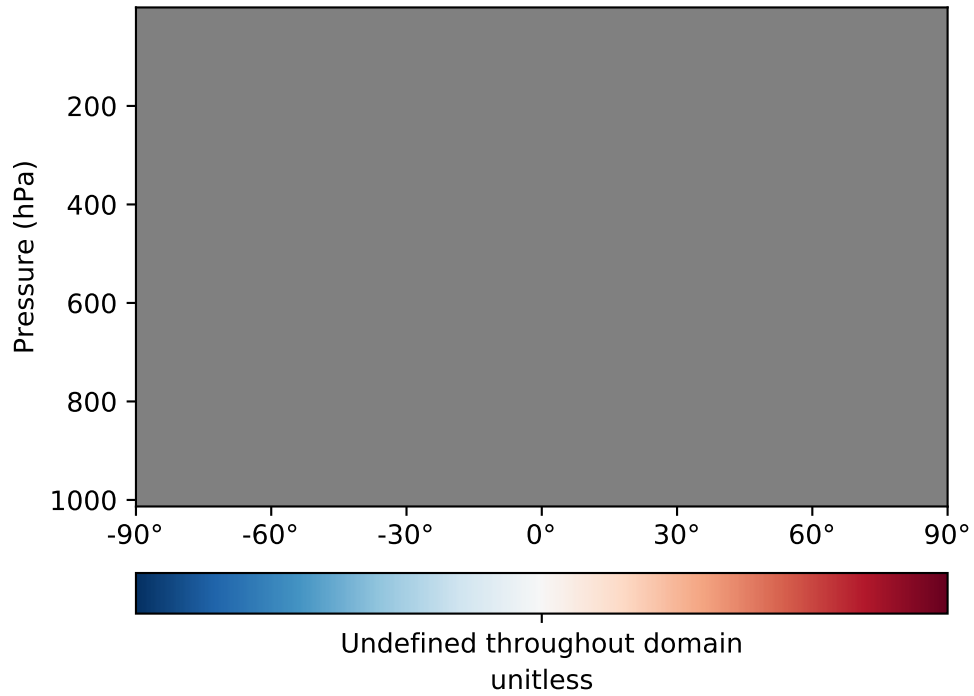
Difference
Dev - Ref, Restricted Range [5%,95%]



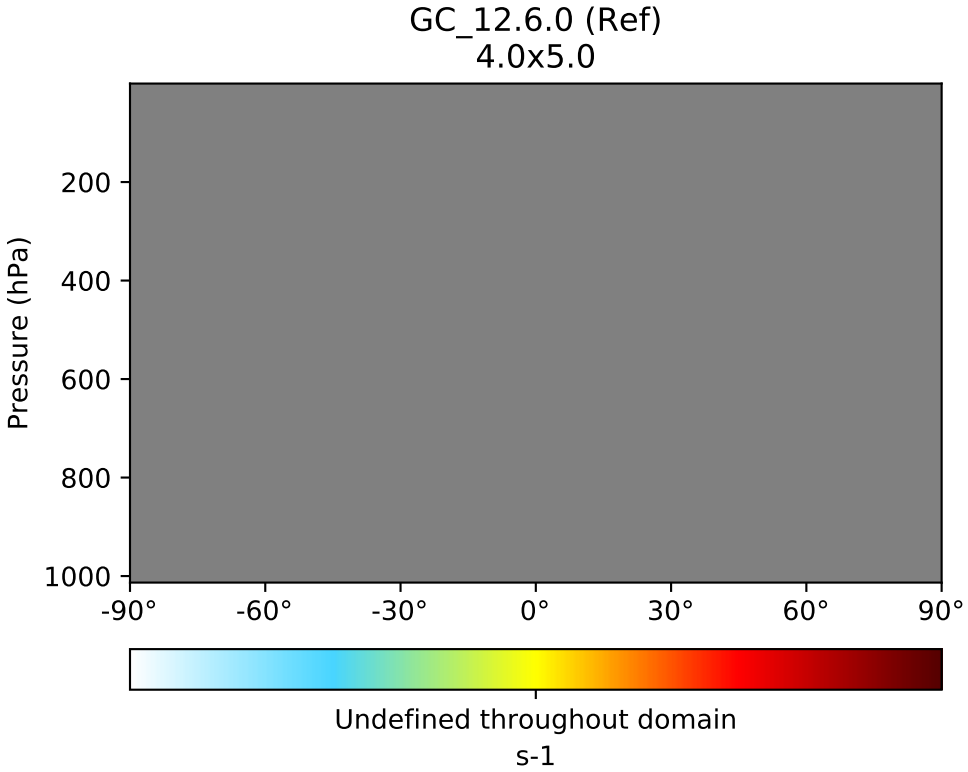
Ratio
Dev/Ref, Dynamic Range

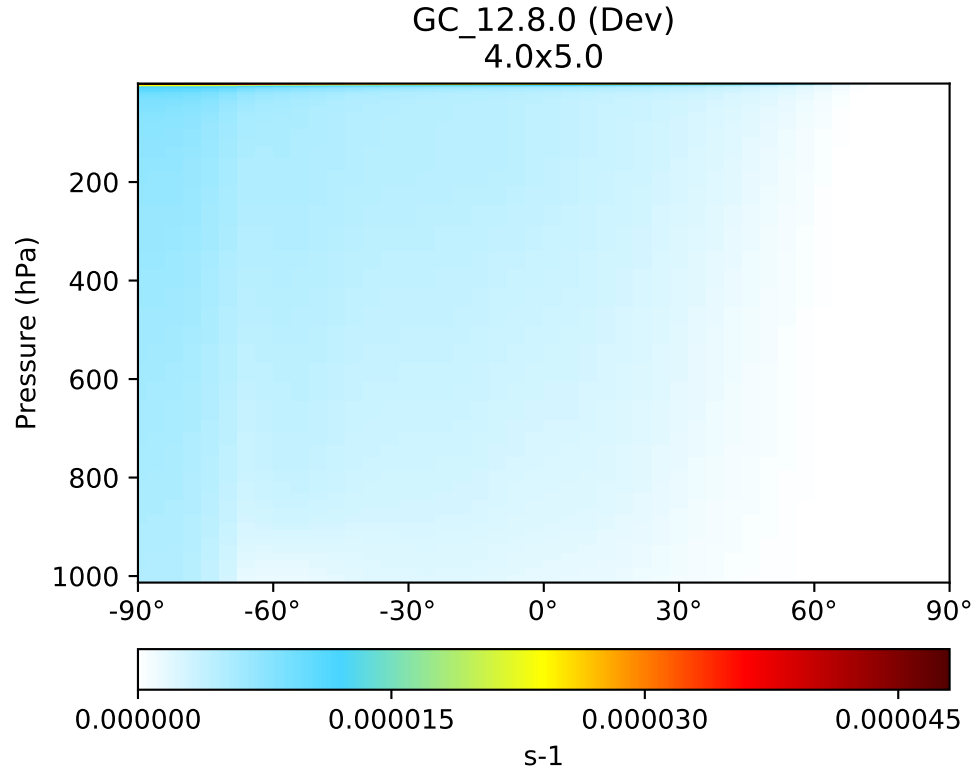


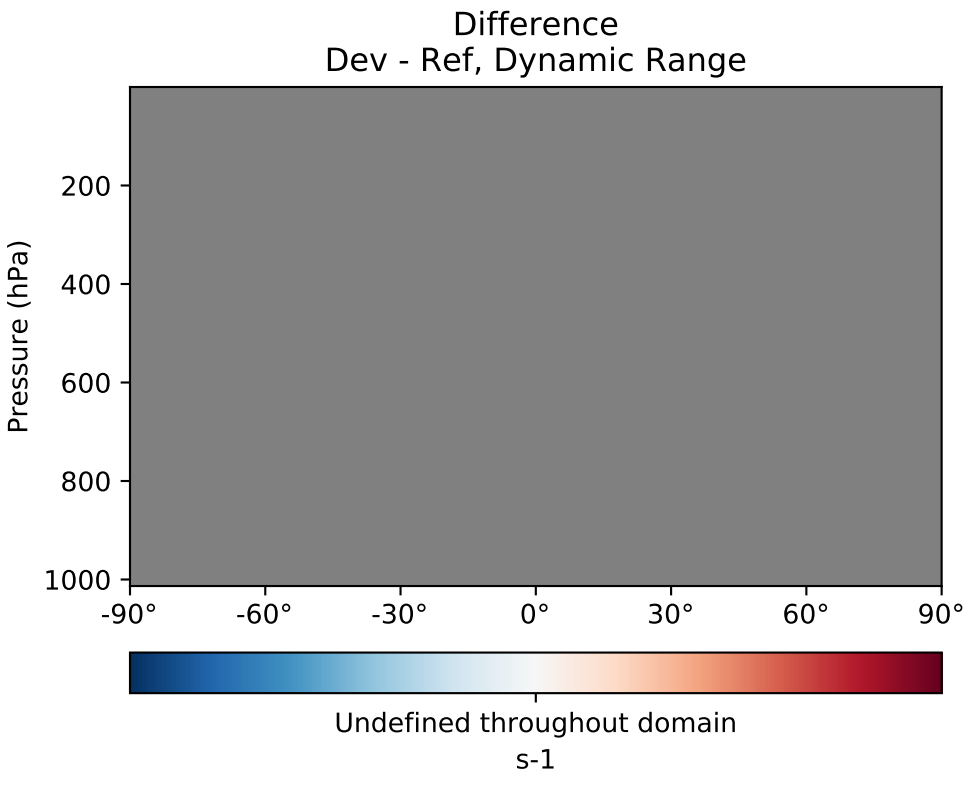
Ratio
Dev/Ref, Fixed Range

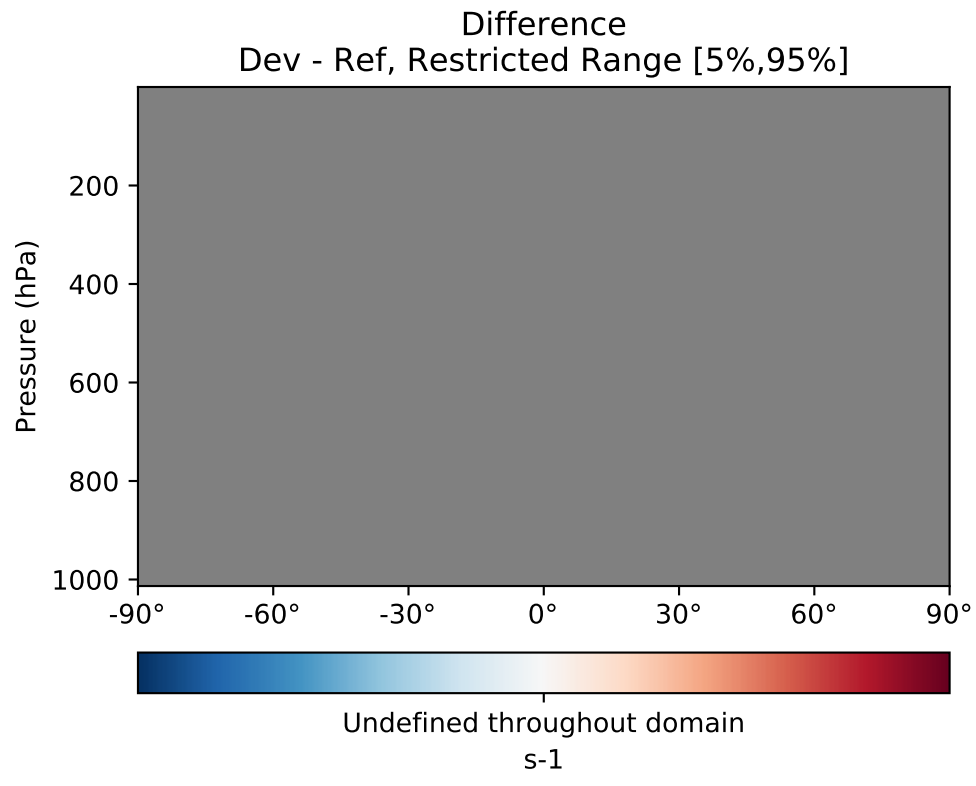


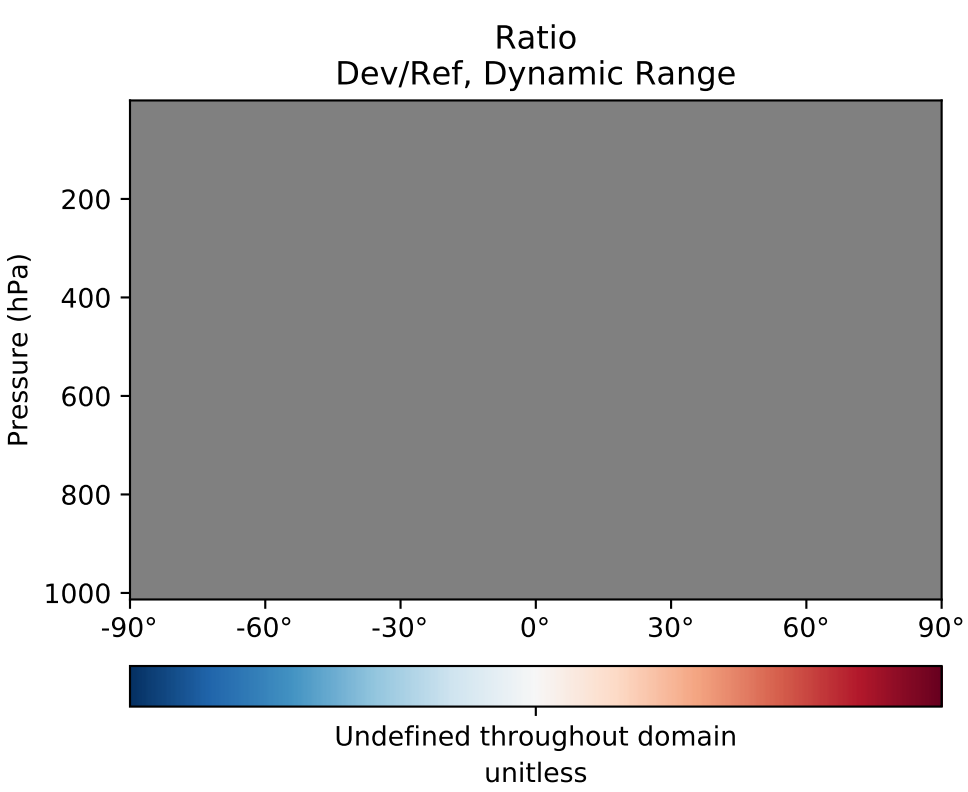
Jval_MVKHP, Zonal Mean (Jan2016)

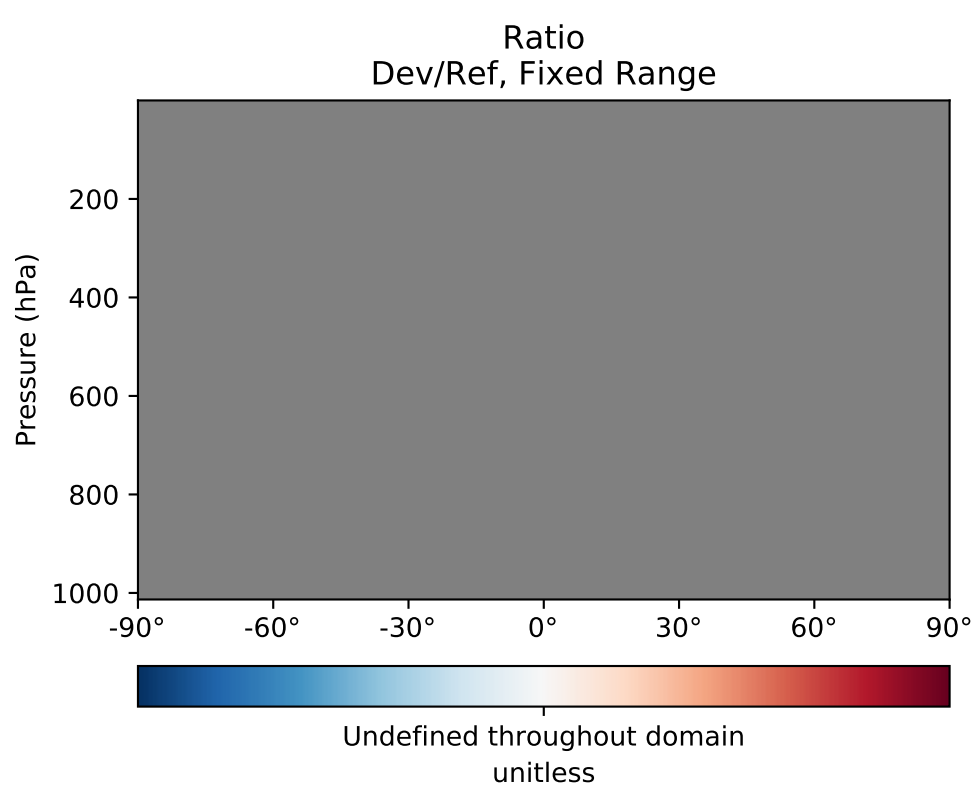




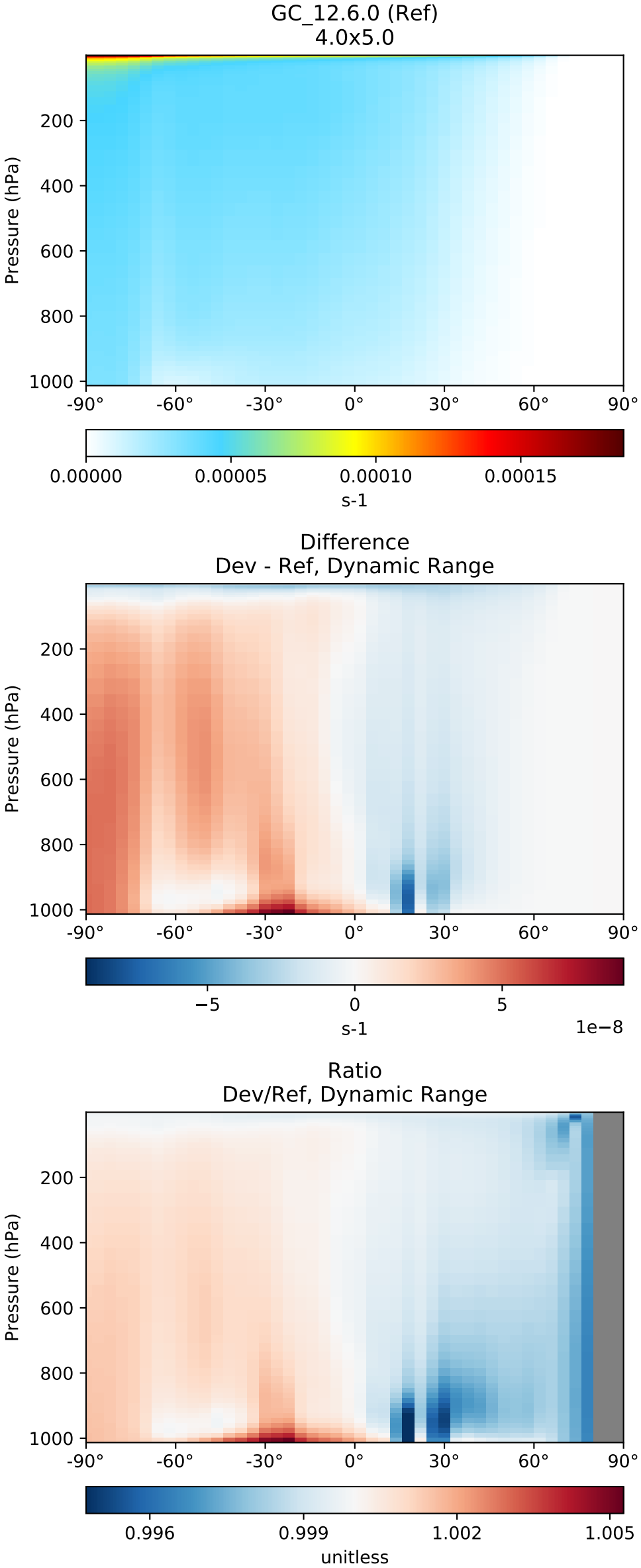


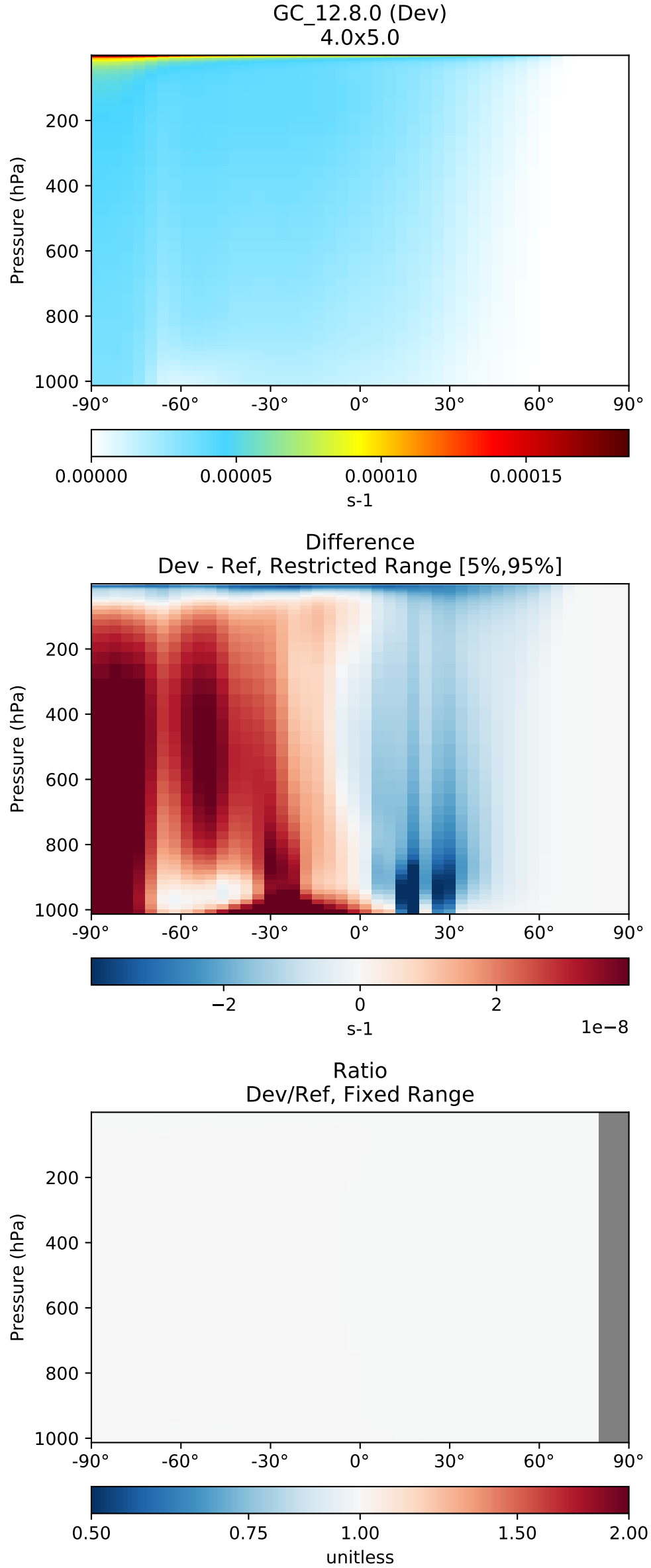




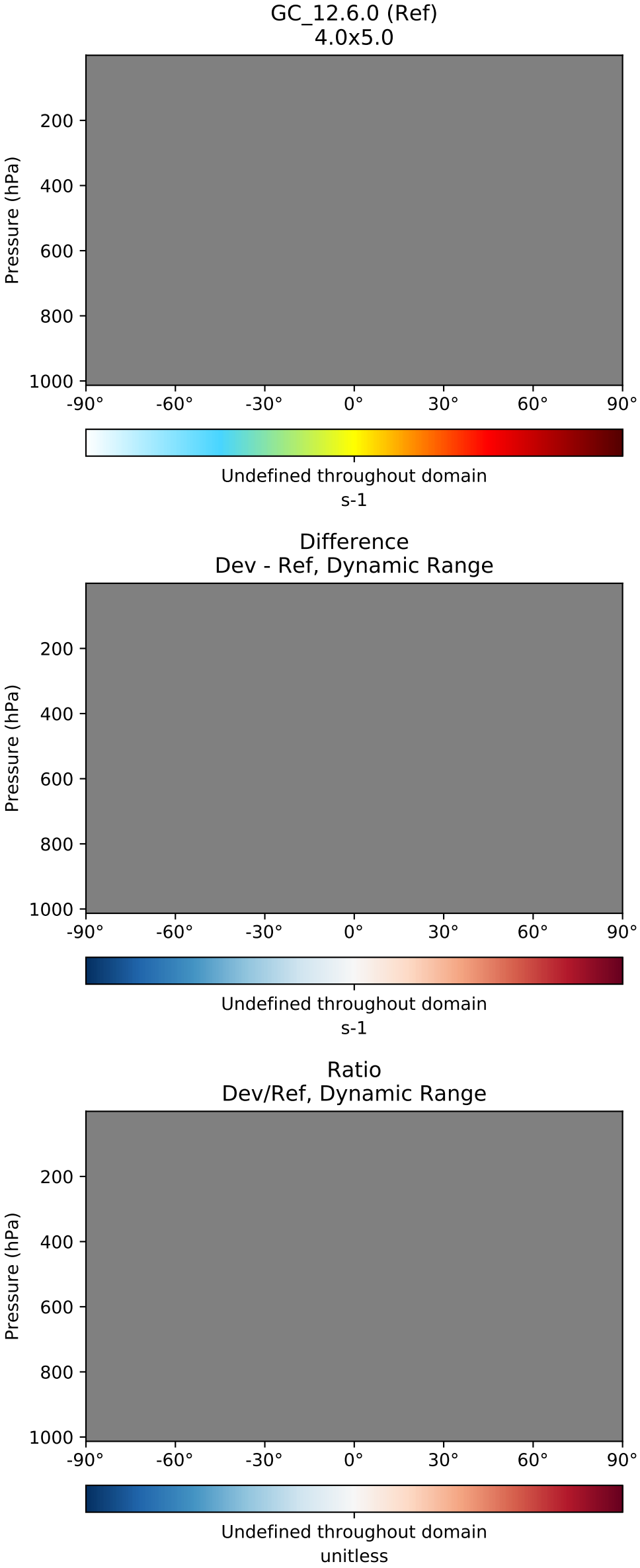


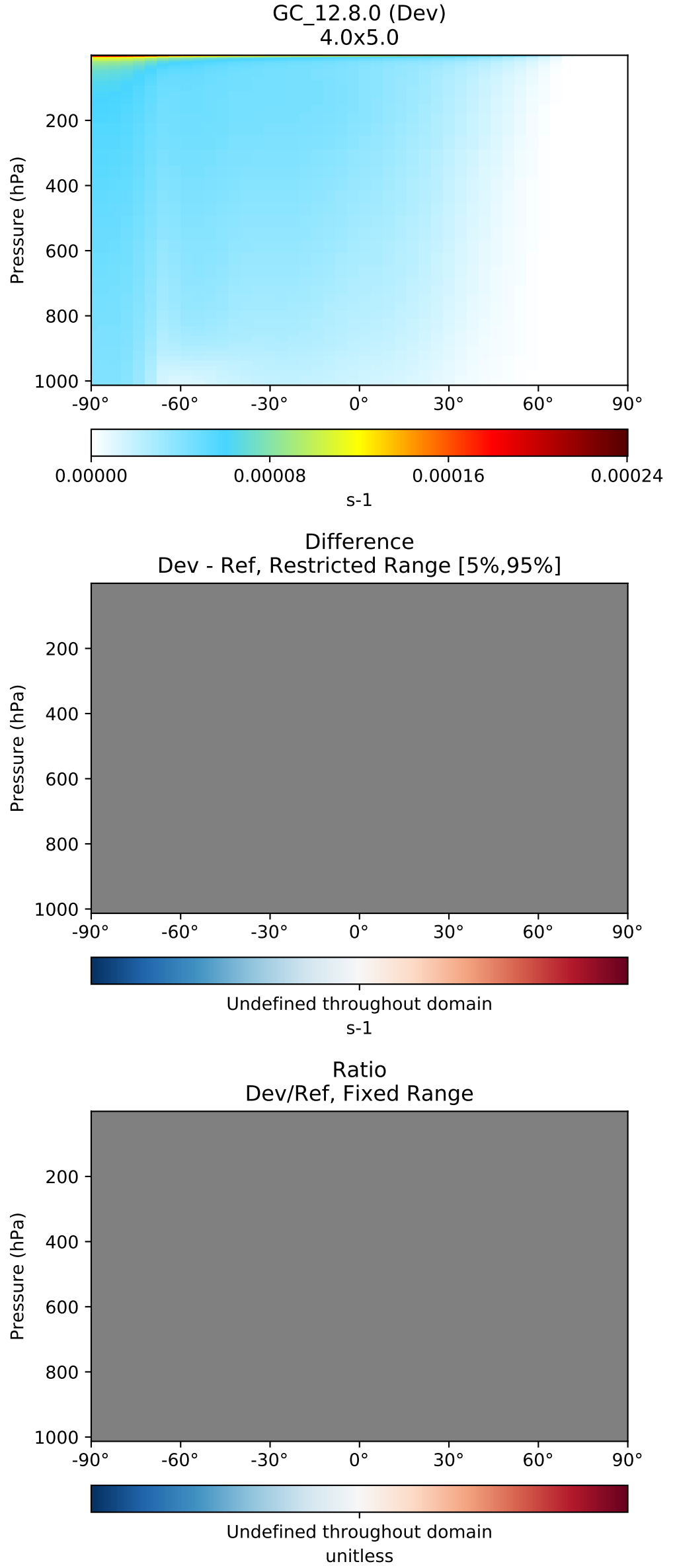
Jval_MVKN, Zonal Mean (Jan2016)





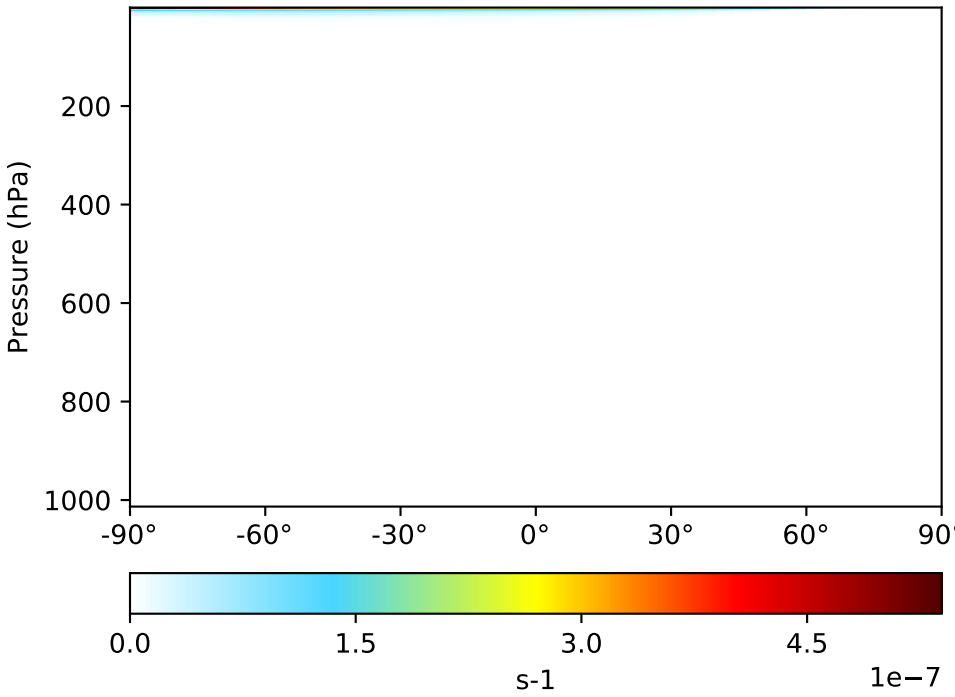
Jval_MVKPC, Zonal Mean (Jan2016)



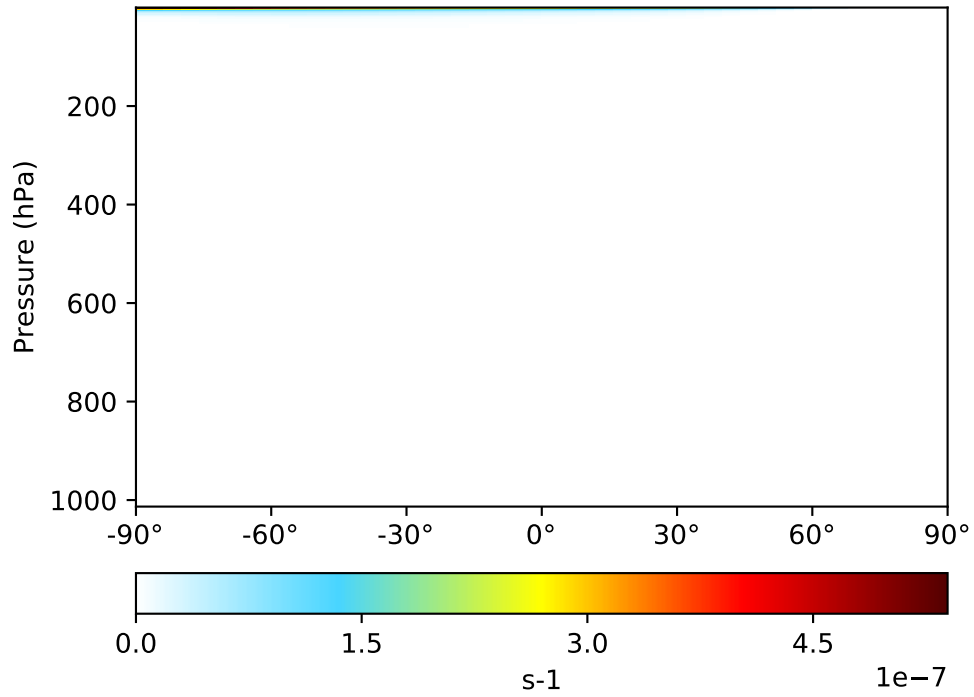


Jval_N2O, Zonal Mean (Jan2016)

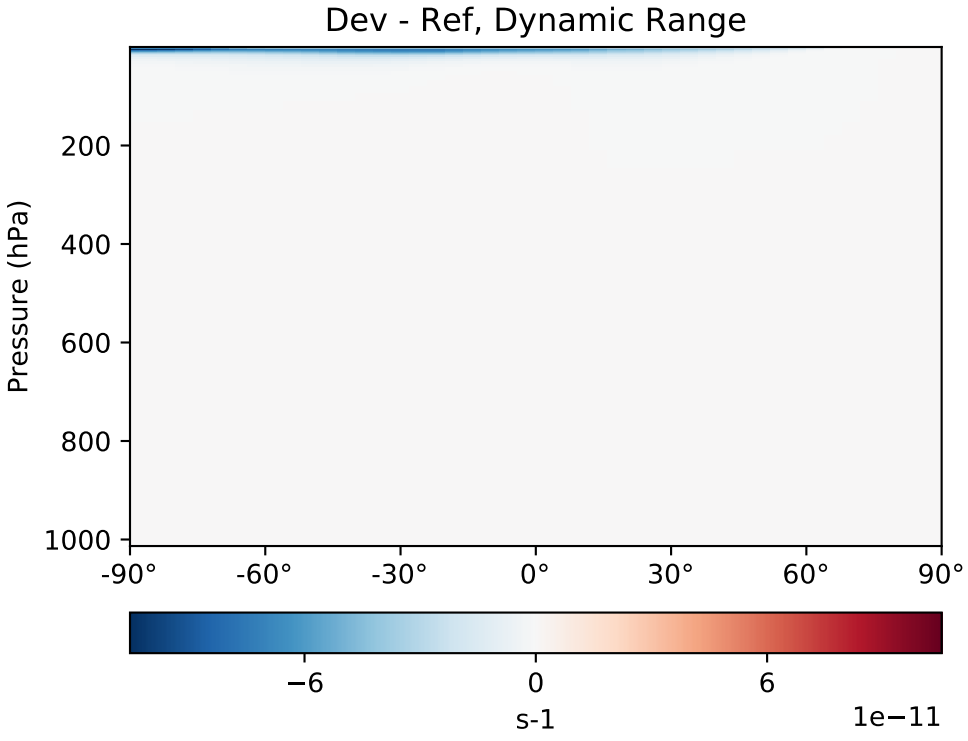
GC_12.6.0 (Ref)
4.0x5.0



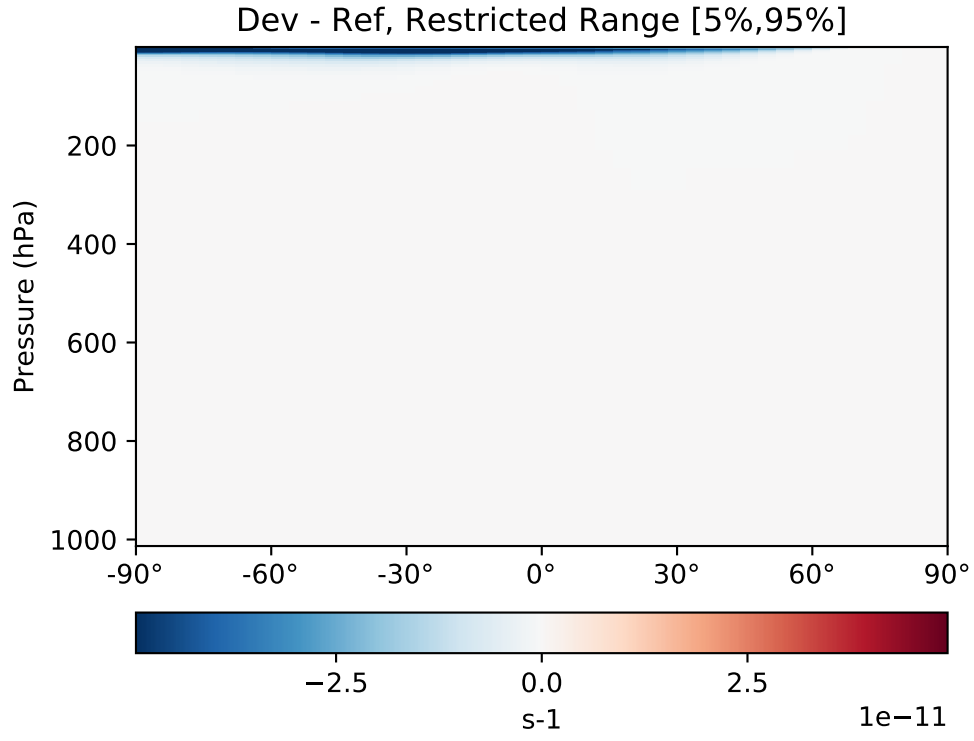
GC_12.8.0 (Dev)
4.0x5.0



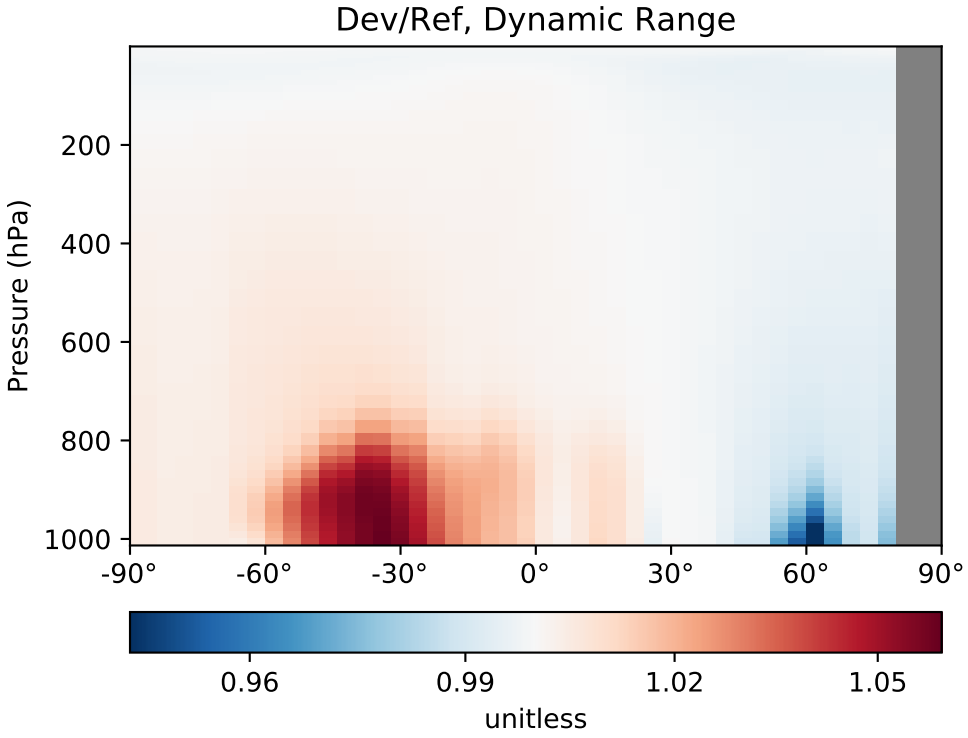
Difference
Dev - Ref, Dynamic Range



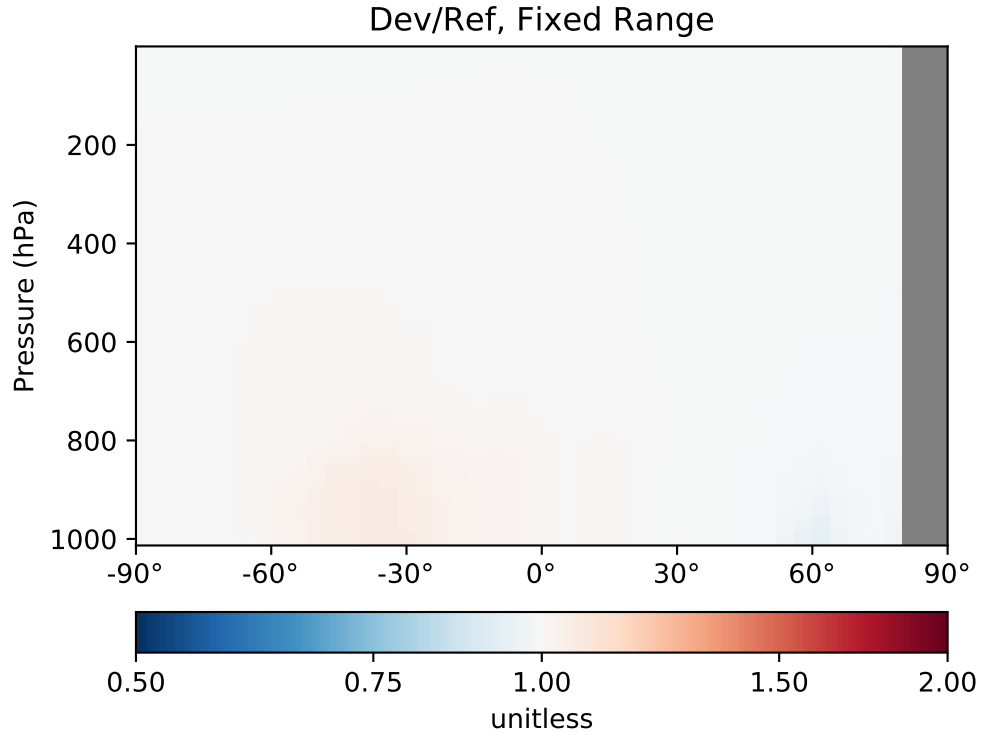
Difference
Dev - Ref, Restricted Range [5%,95%]



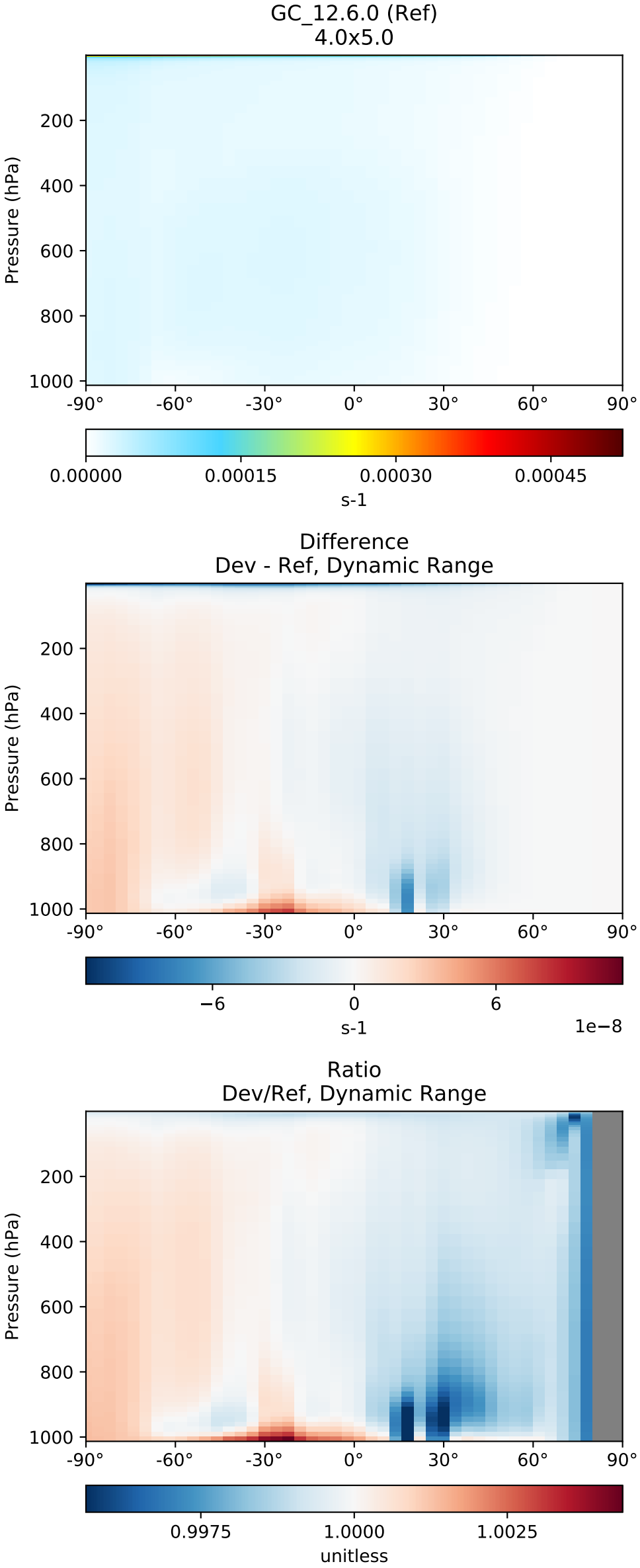
Ratio
Dev/Ref, Dynamic Range

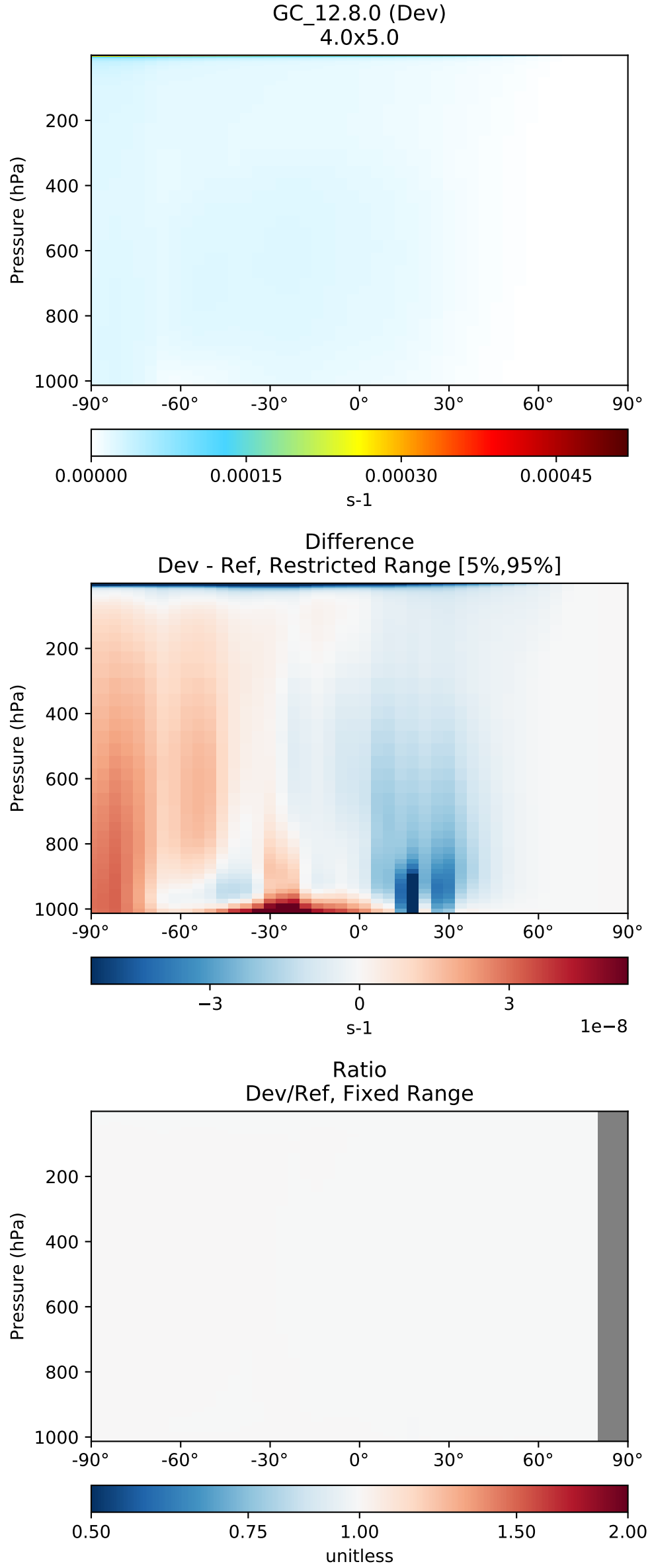


Ratio
Dev/Ref, Fixed Range



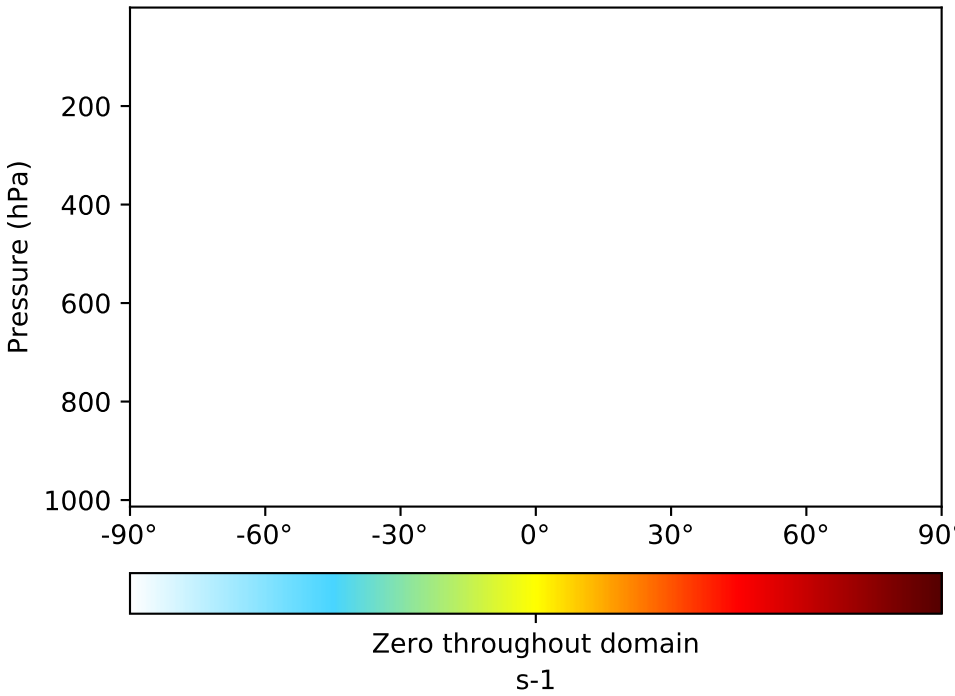
Jval_N2O5, Zonal Mean (Jan2016)



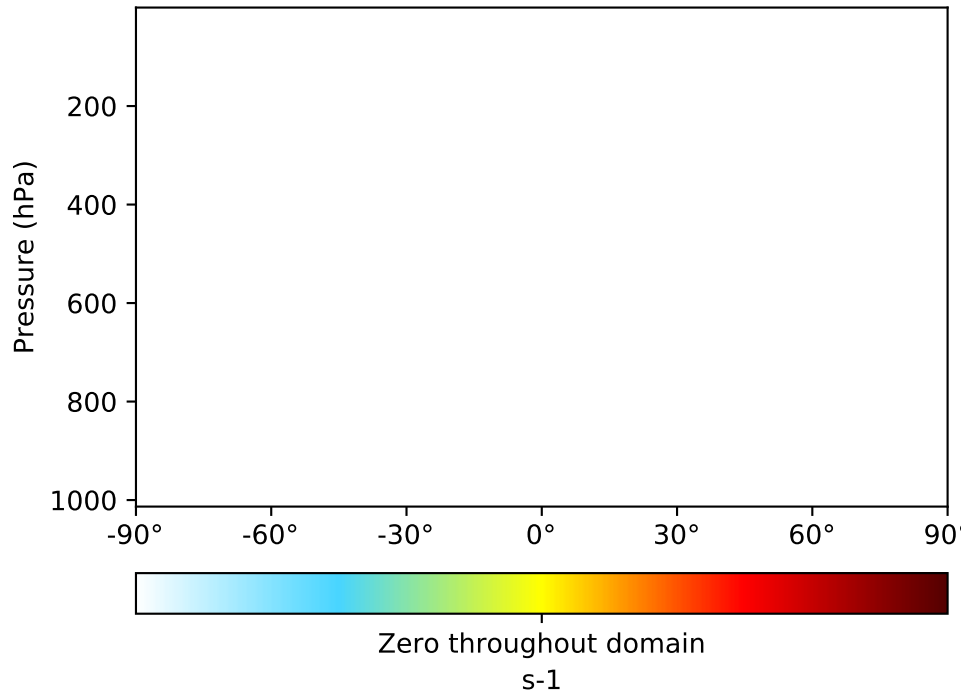


Jval_NIT, Zonal Mean (Jan2016)

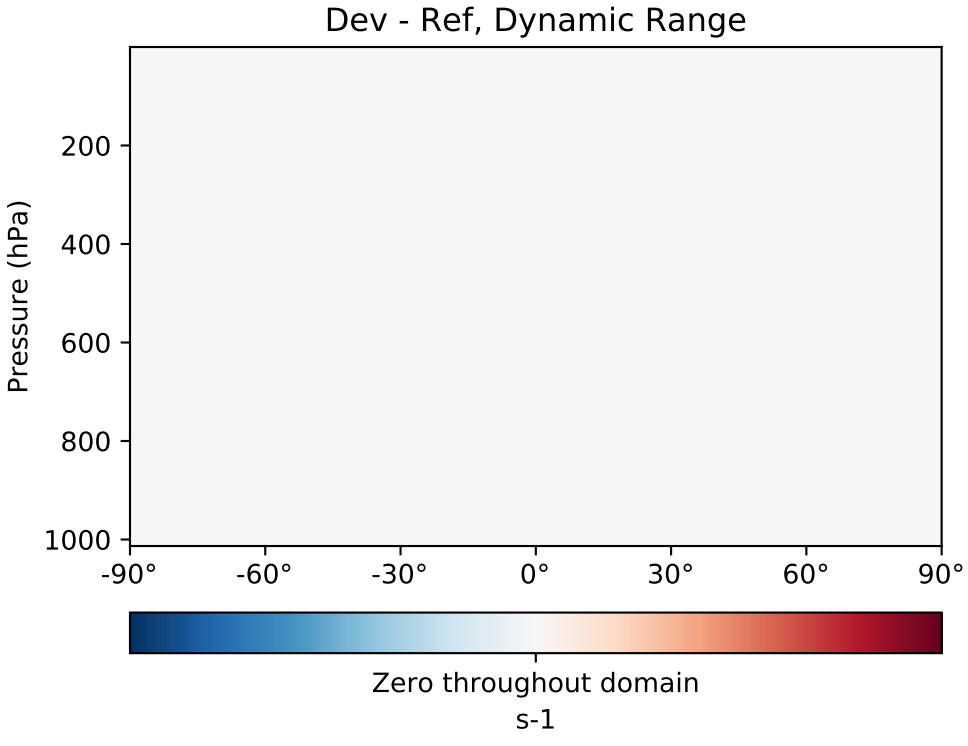
GC_12.6.0 (Ref)
4.0x5.0



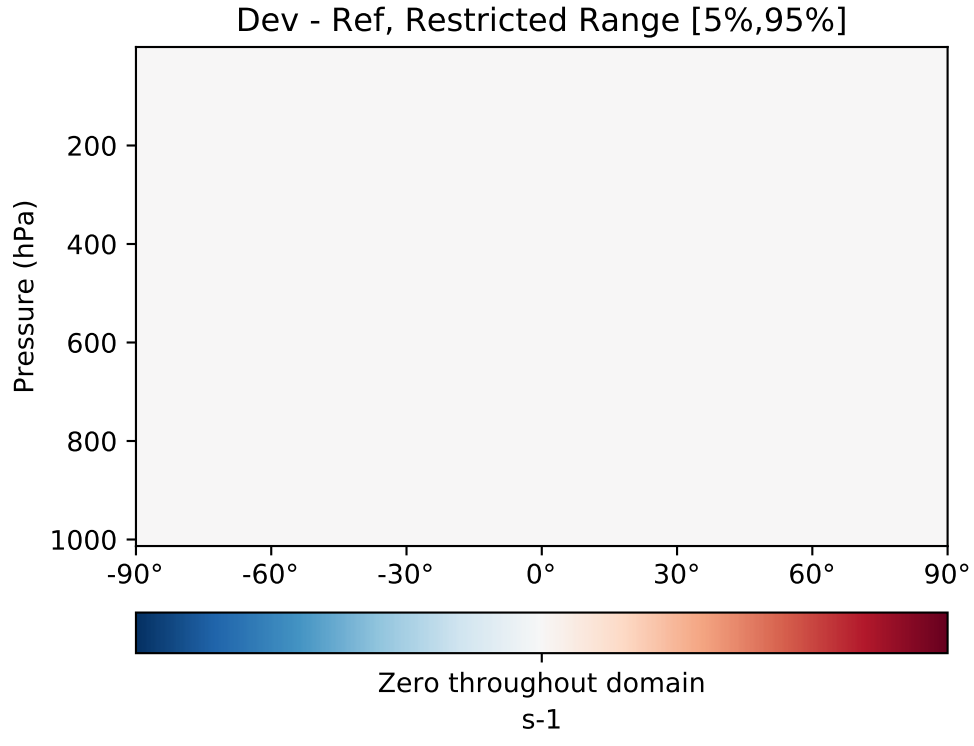
GC_12.8.0 (Dev)
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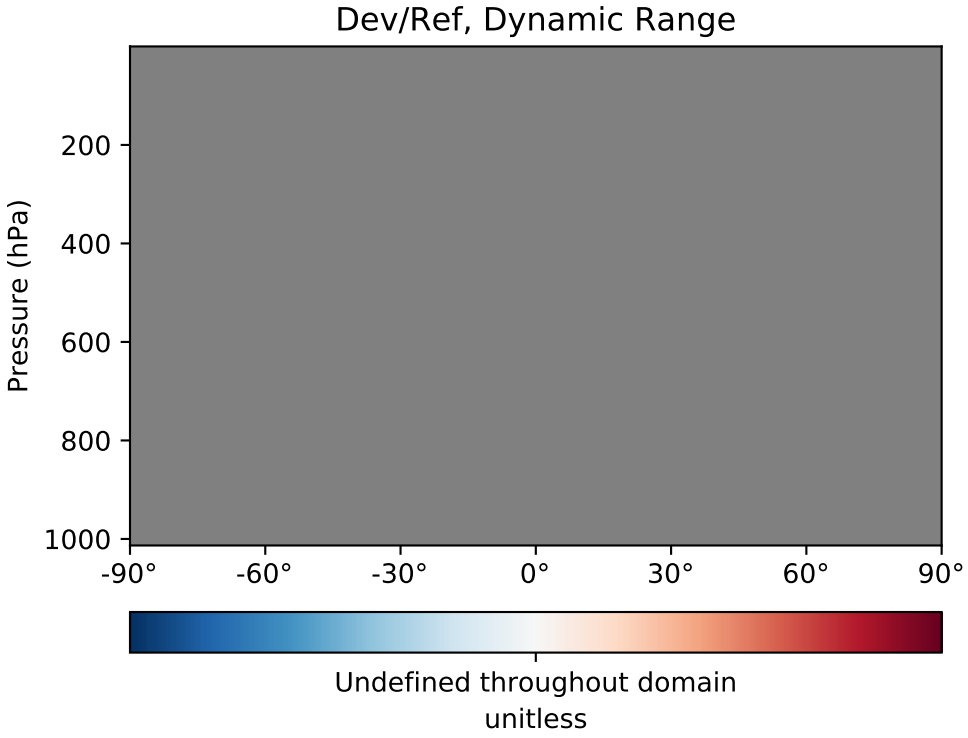
Difference
Dev - Ref, Dynamic Range



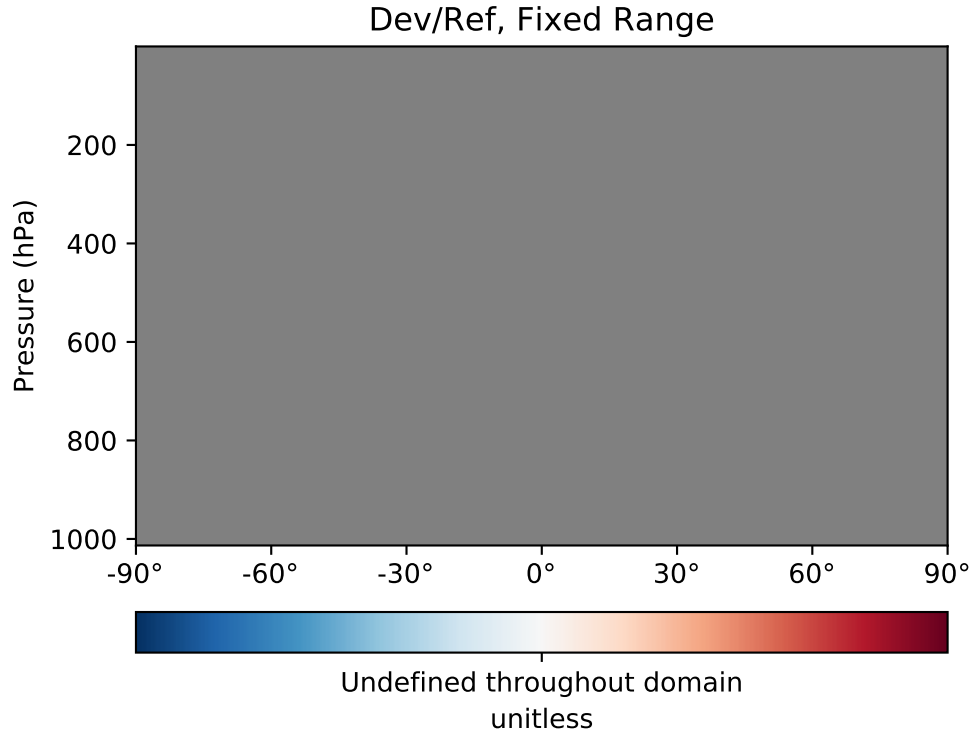
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

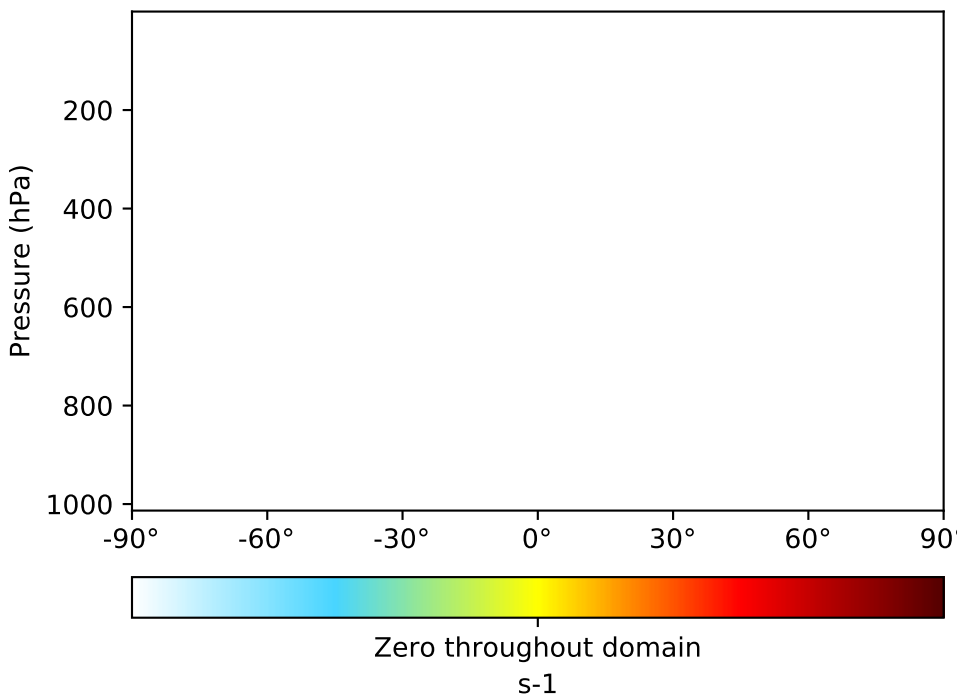


Ratio
Dev/Ref, Fixed Range

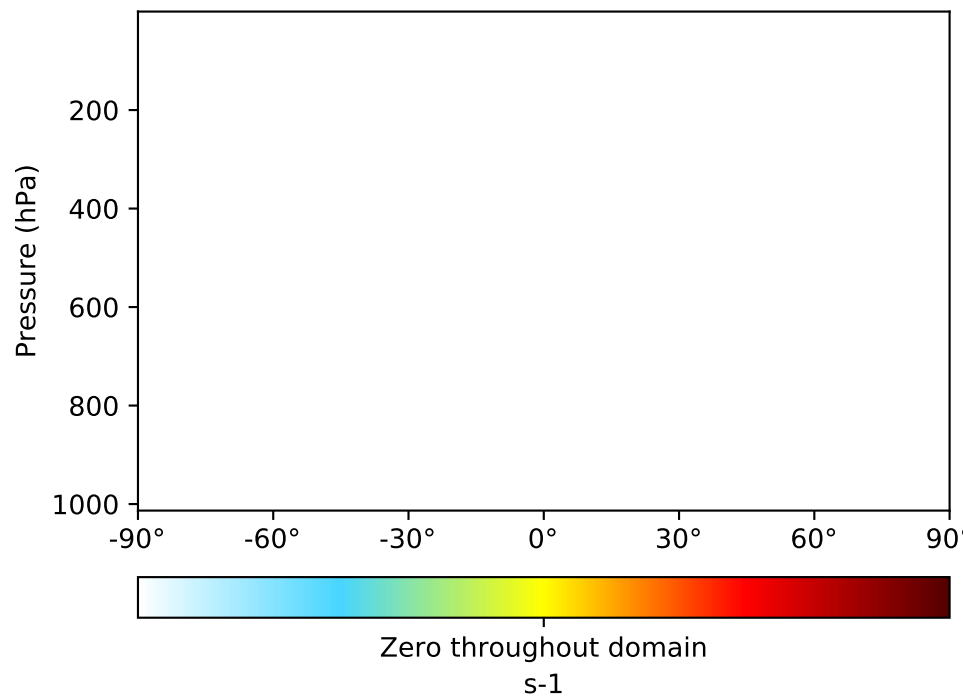


Jval_NITs, Zonal Mean (Jan2016)

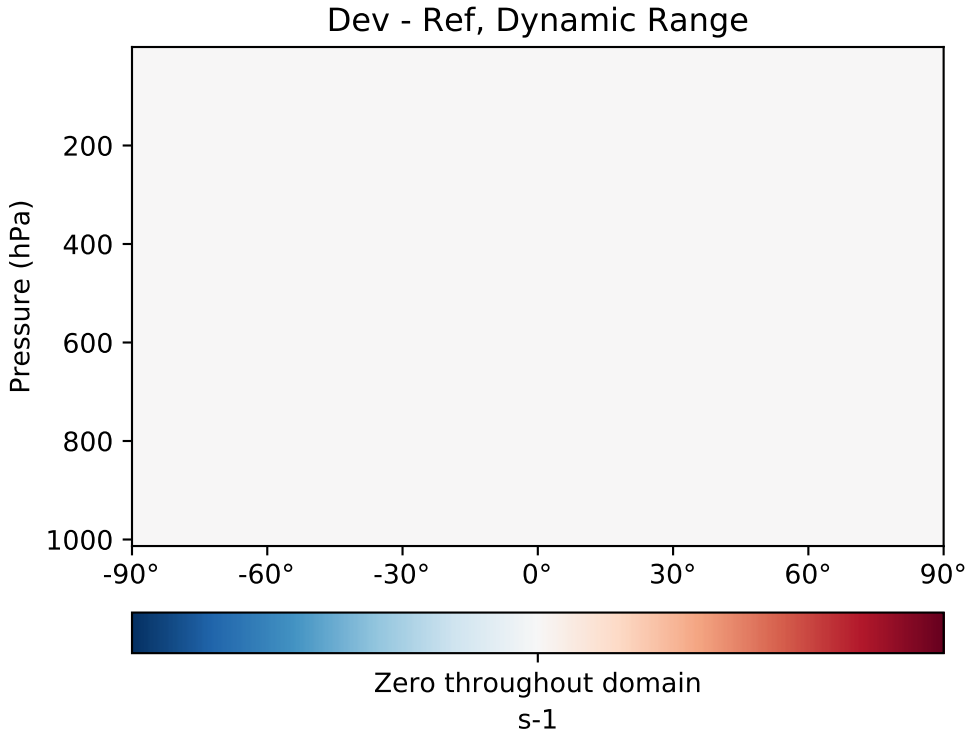
GC_12.6.0 (Ref)
4.0x5.0



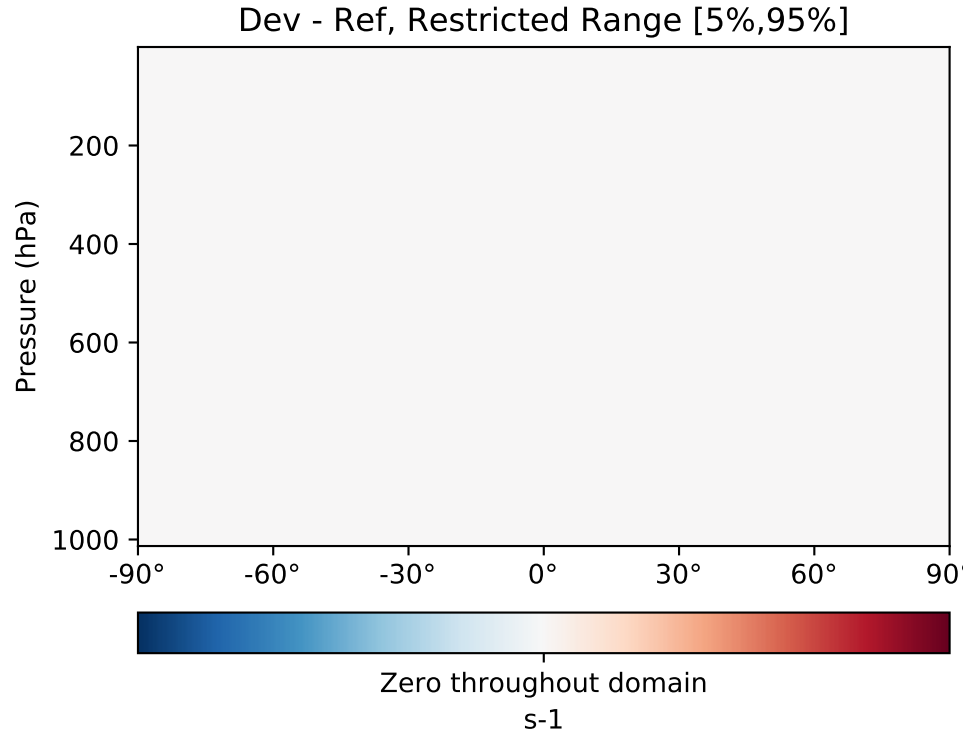
GC_12.8.0 (Dev)
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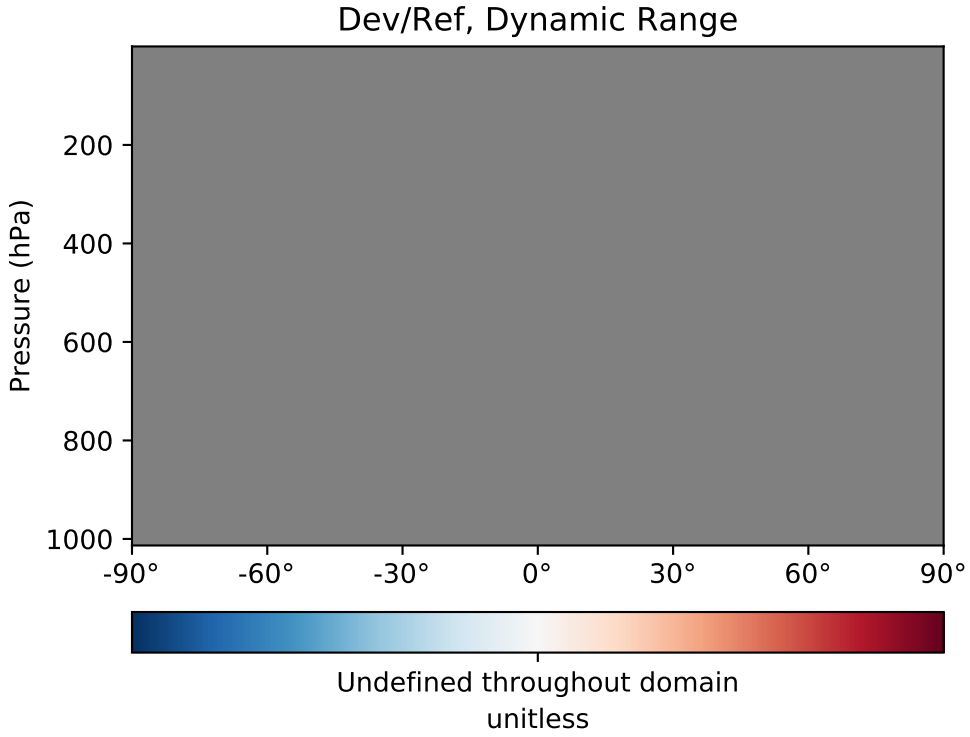
Difference
Dev - Ref, Dynamic Range



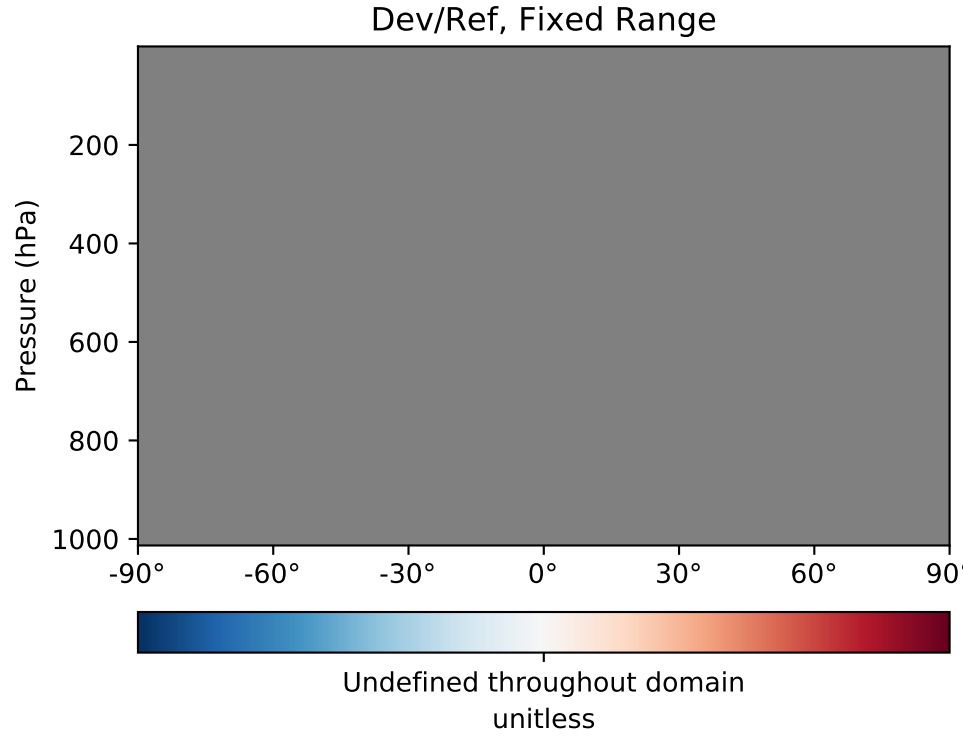
Difference
Dev - Ref, Restricted Range [5%,95%]



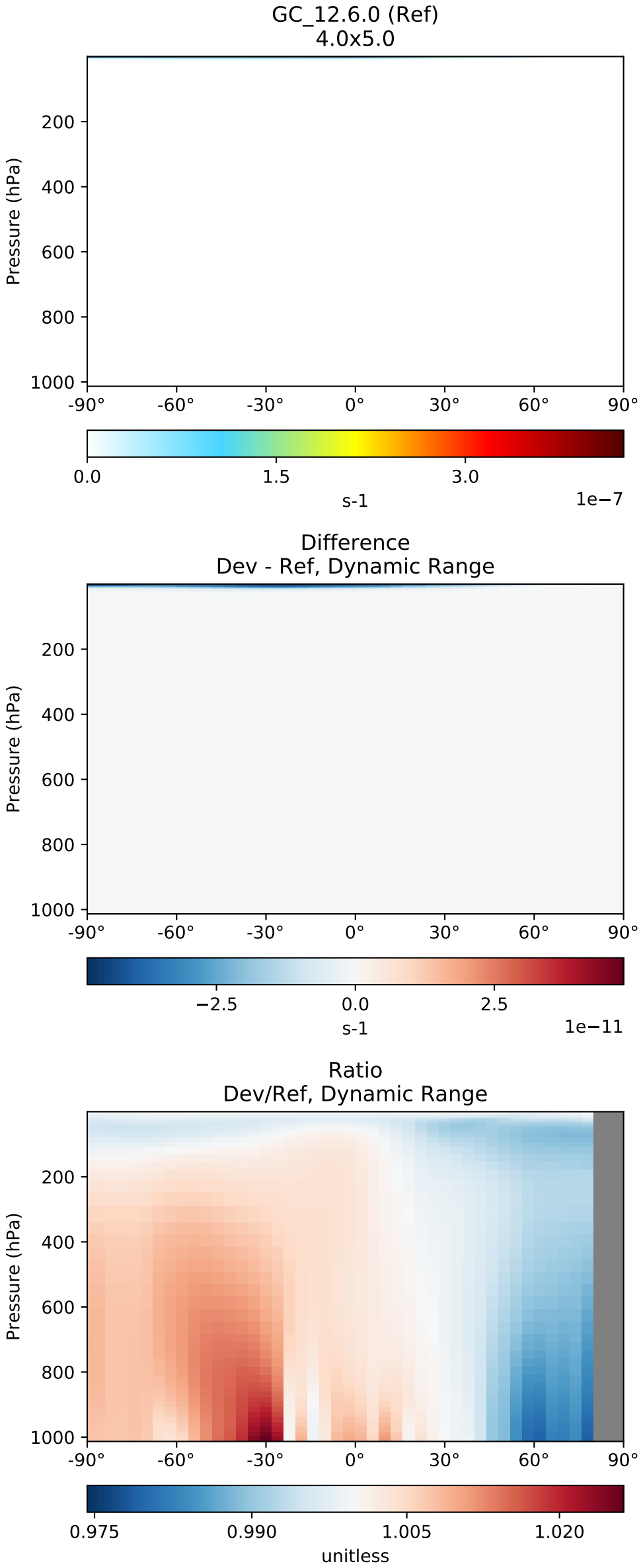
Ratio
Dev/Ref, Dynamic Range

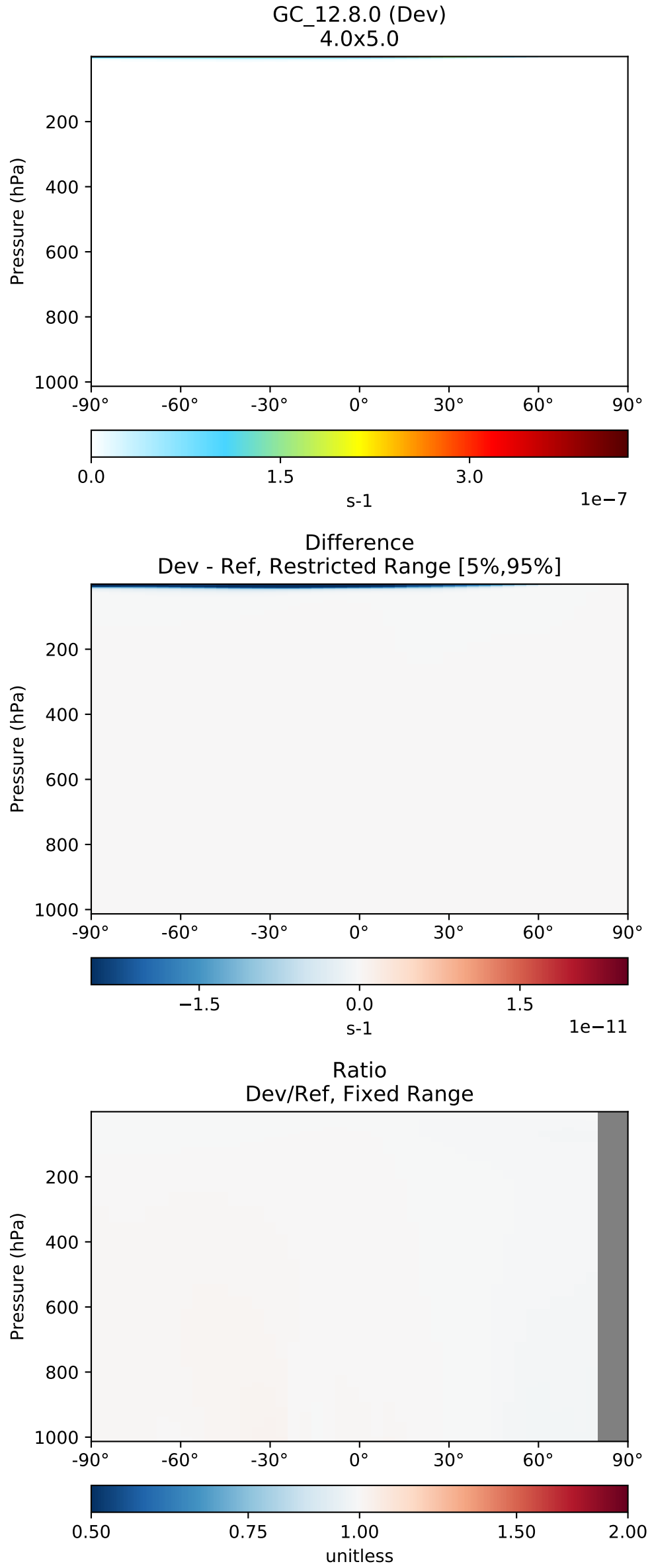


Ratio
Dev/Ref, Fixed Range

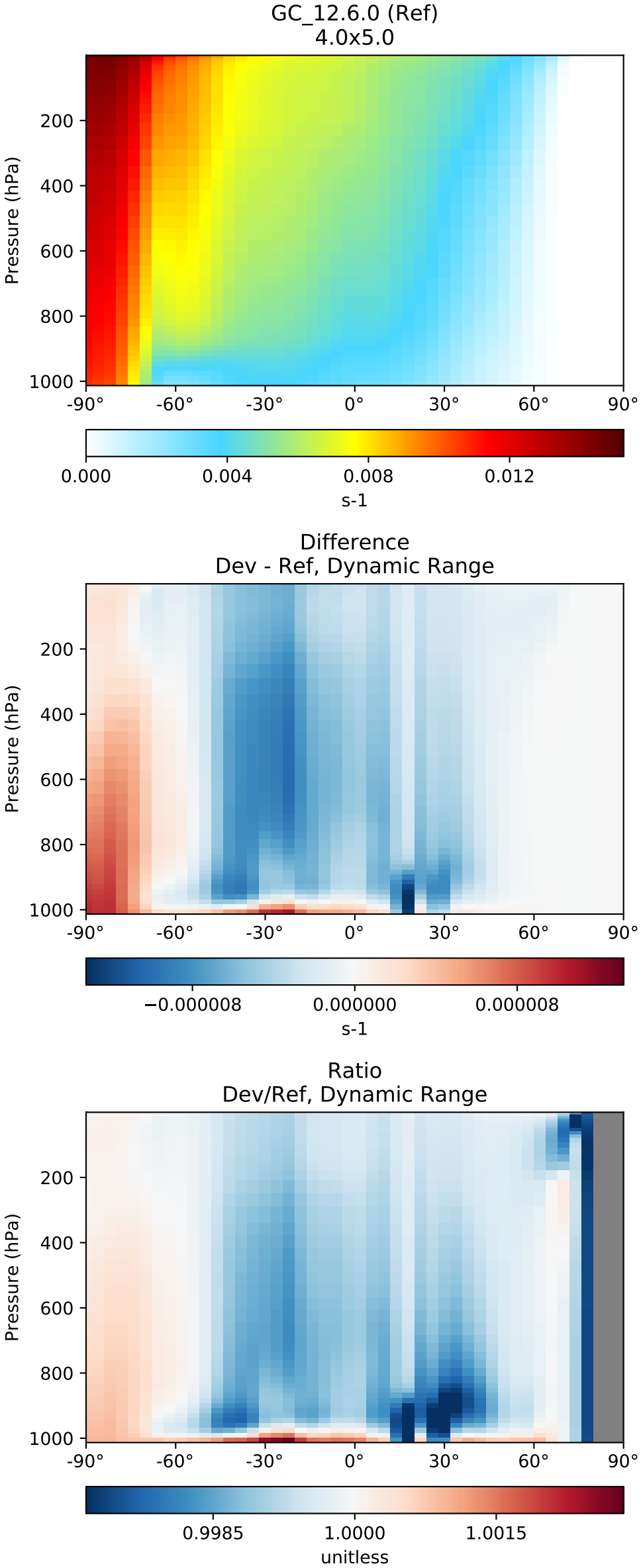


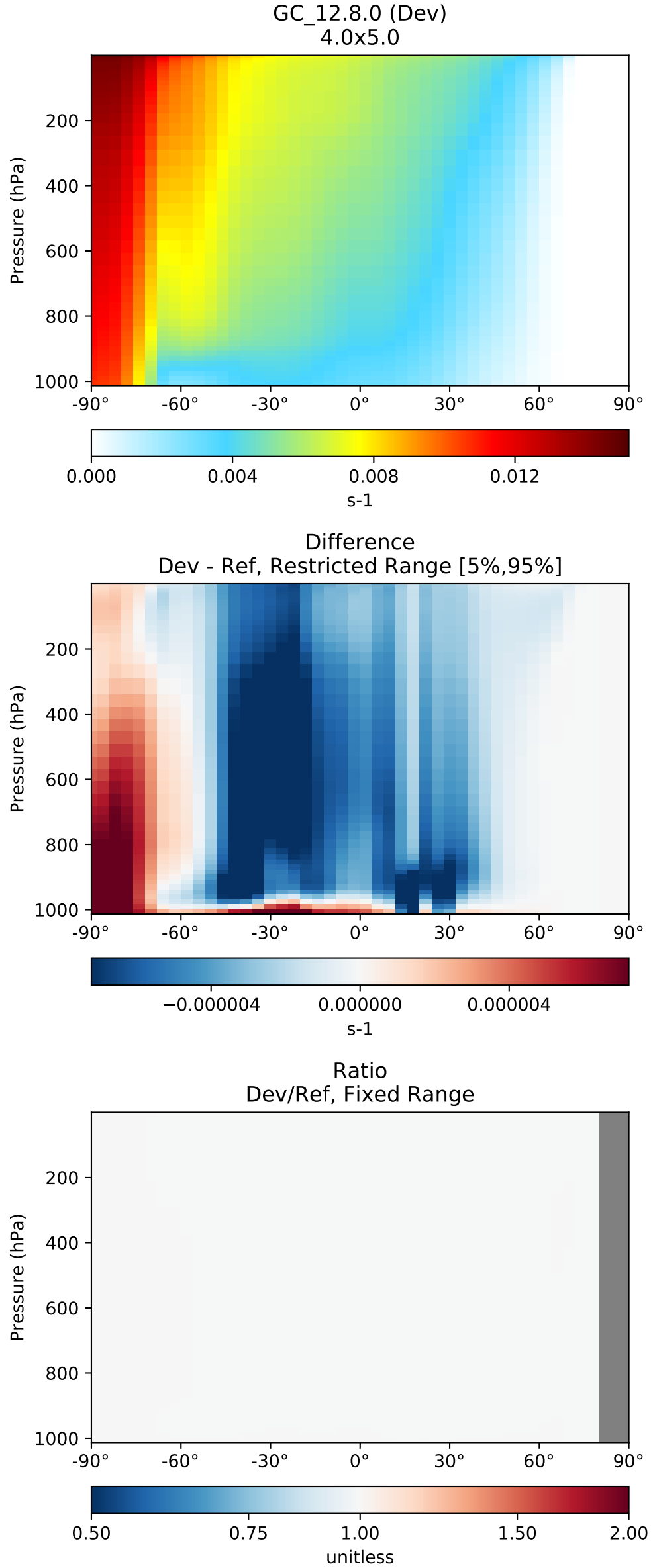
Jval_NO, Zonal Mean (Jan2016)



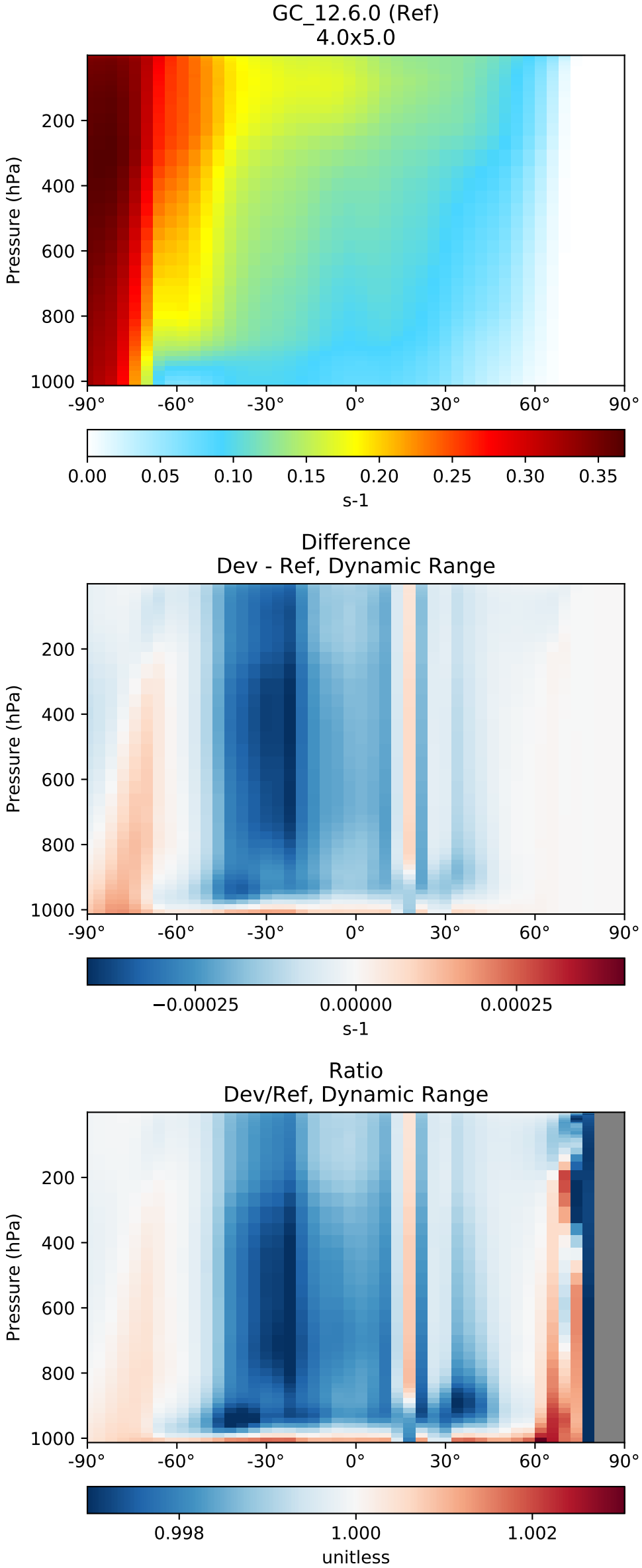


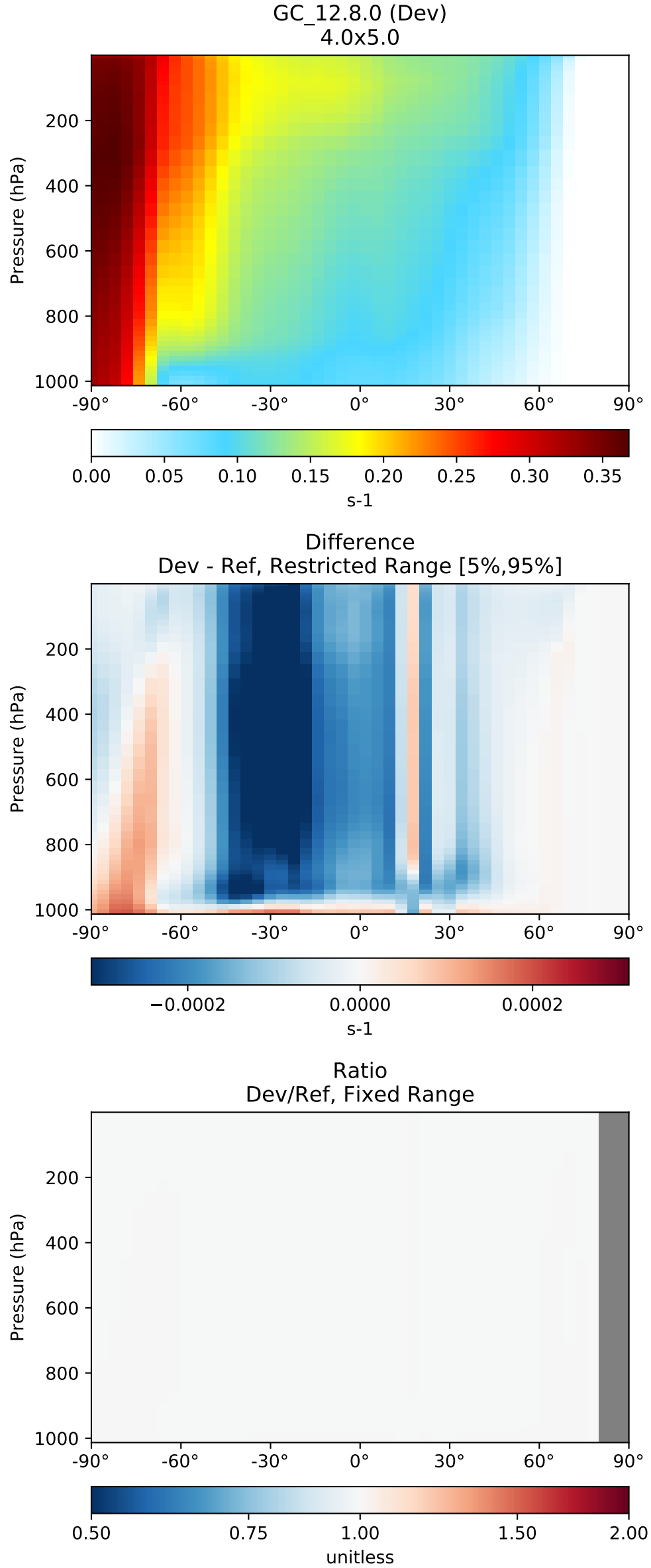
Jval_NO2, Zonal Mean (Jan2016)





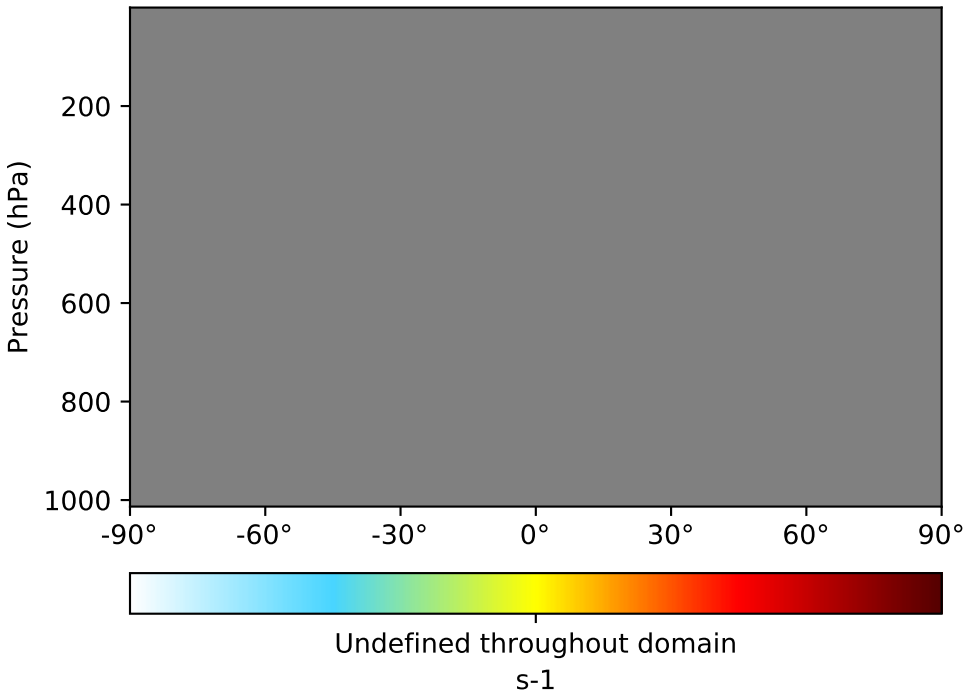
Jval_NO3, Zonal Mean (Jan2016)



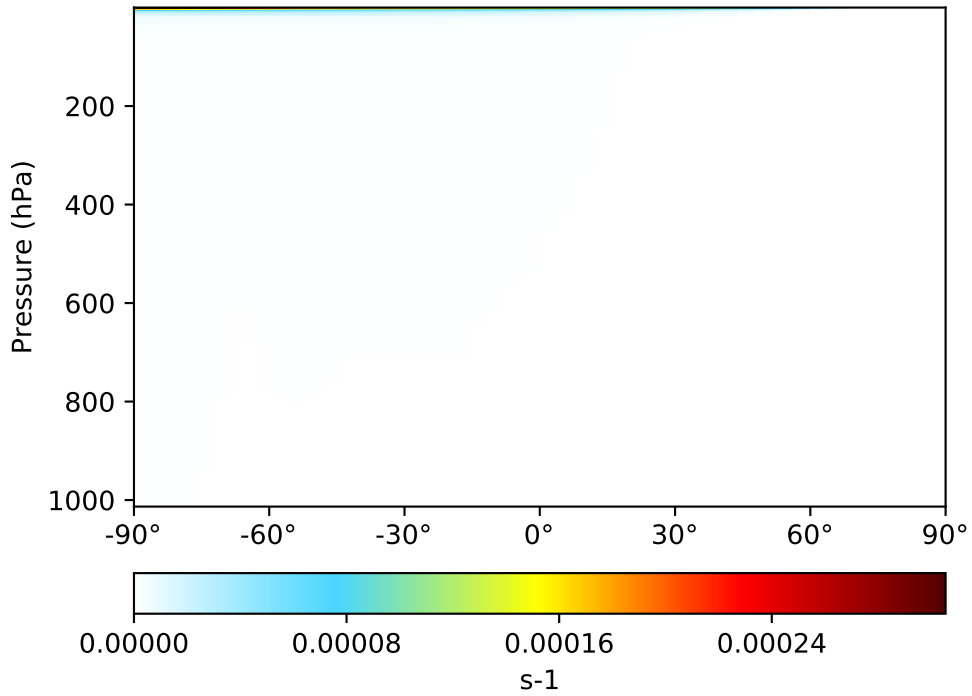


Jval_NPRNO3, Zonal Mean (Jan2016)

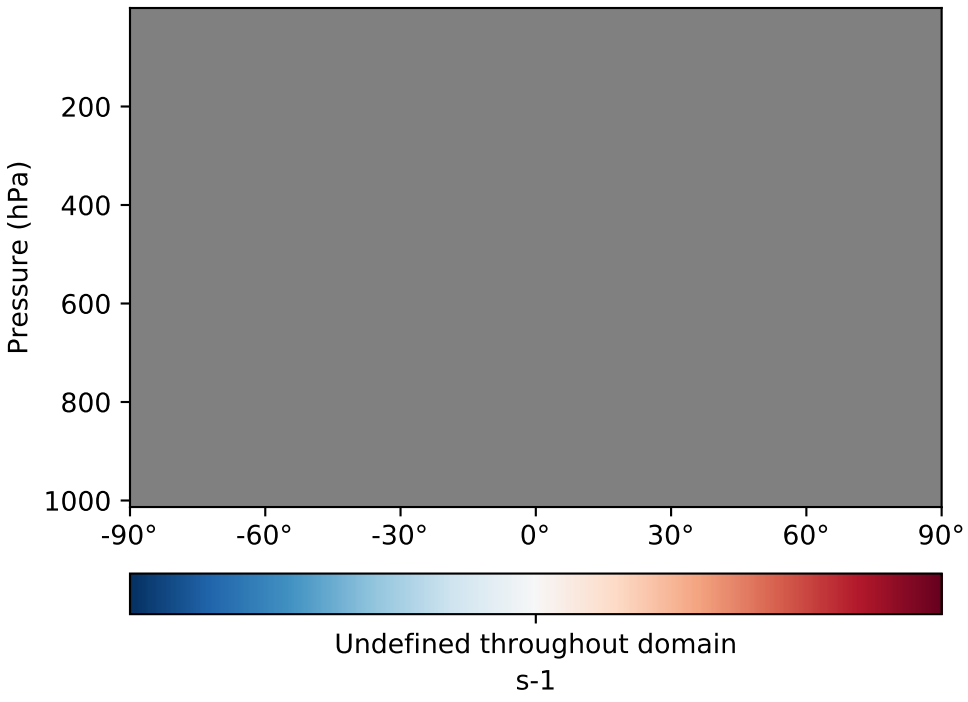
GC_12.6.0 (Ref)
4.0x5.0



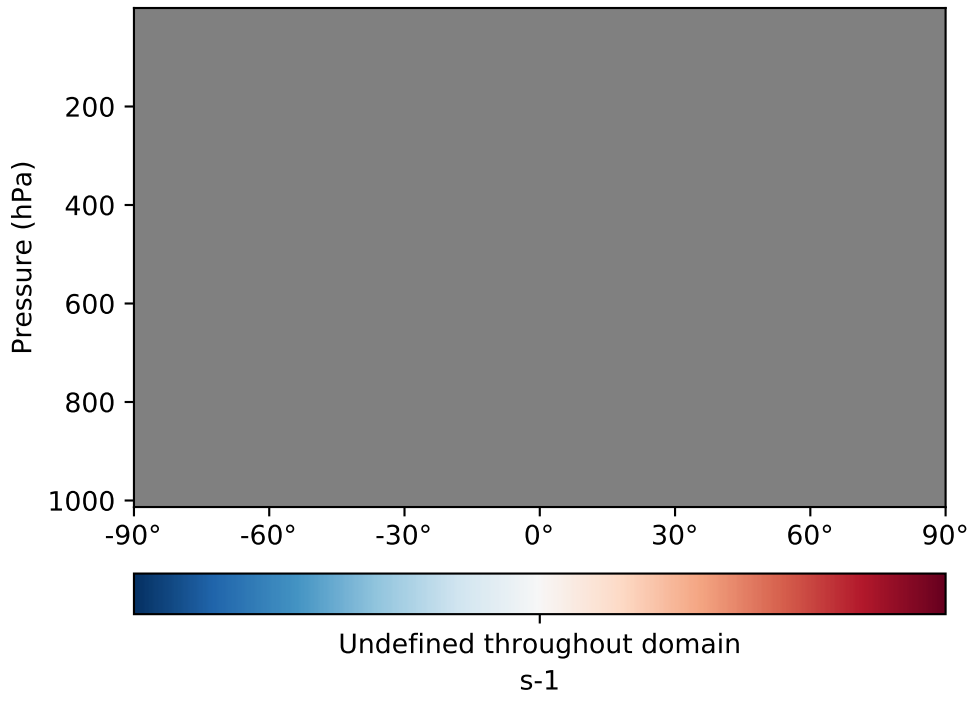
GC_12.8.0 (Dev)
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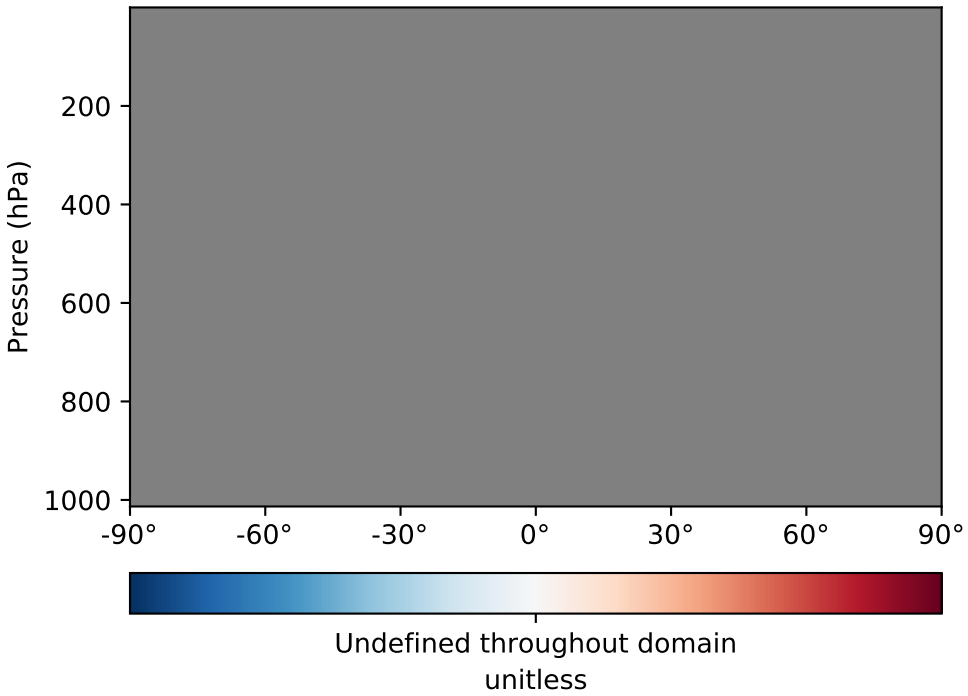
Difference
Dev - Ref, Dynamic Range



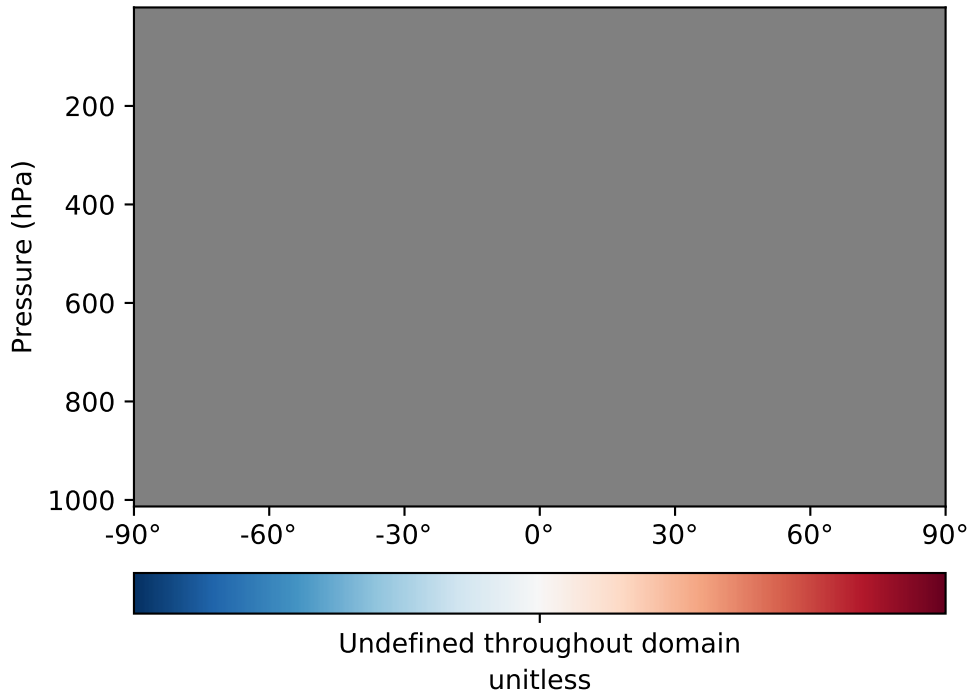
Difference
Dev - Ref, Restricted Range [5%,95%]



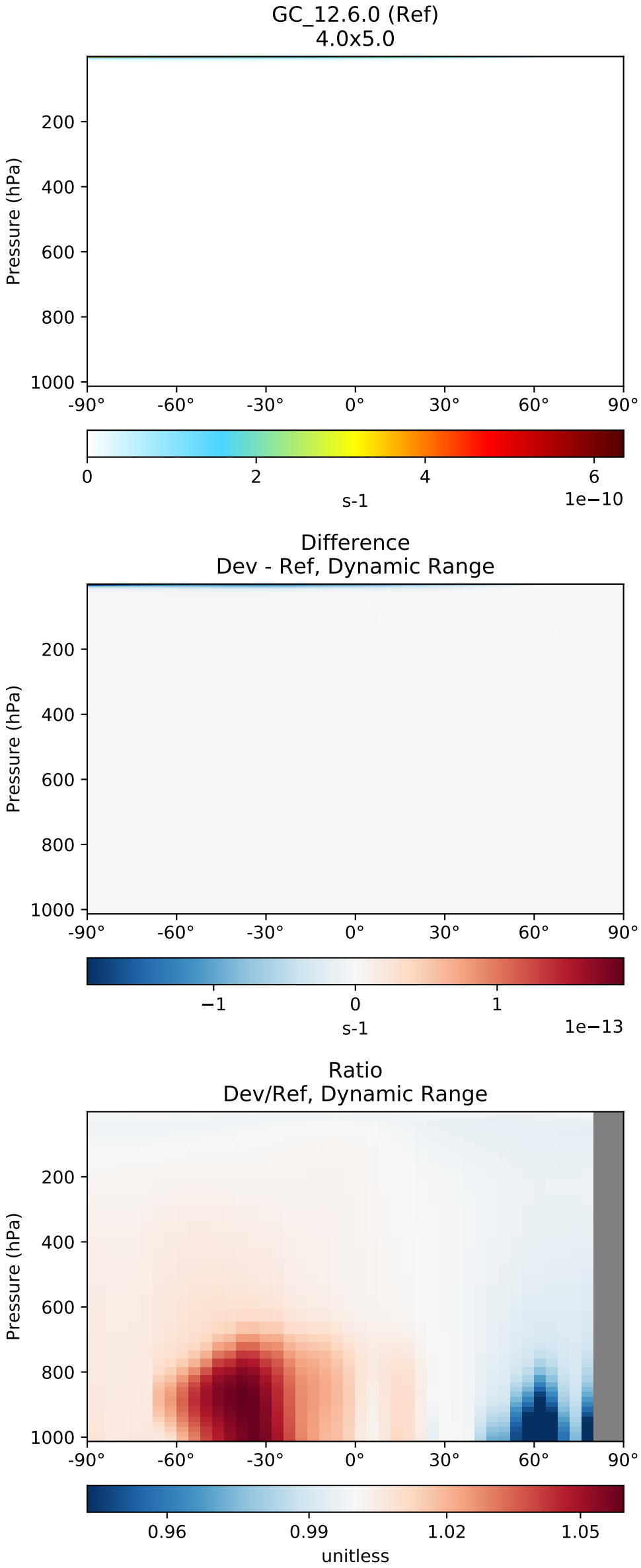
Ratio
Dev/Ref, Dynamic Range

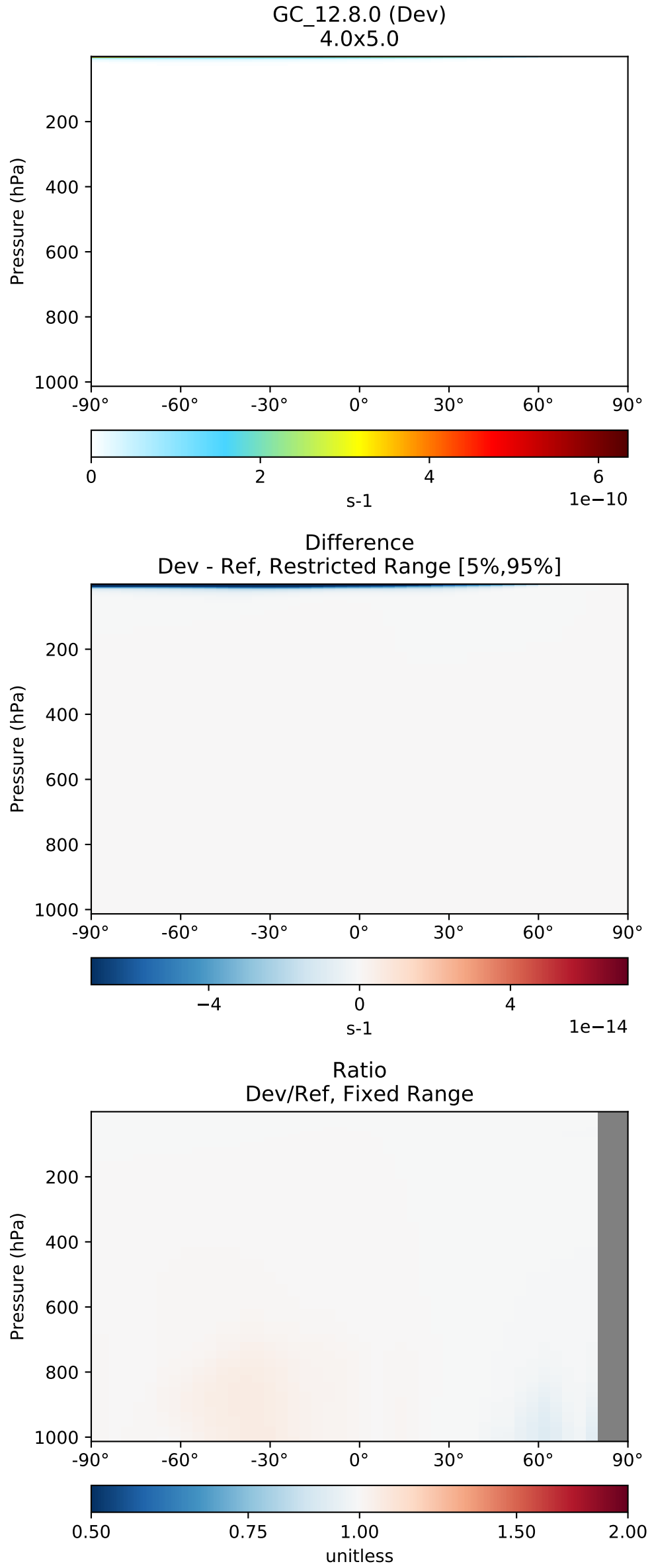


Ratio
Dev/Ref, Fixed Range

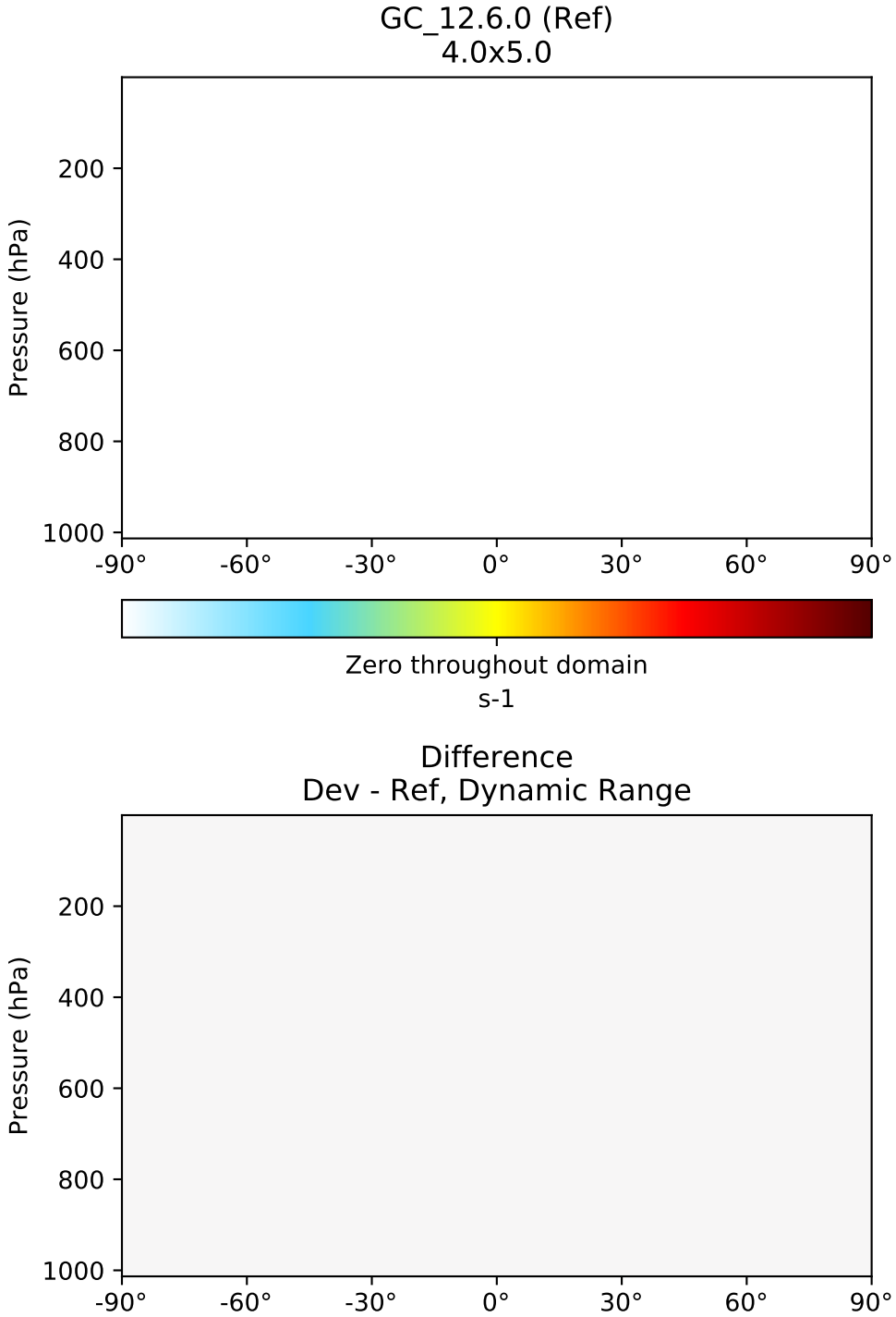


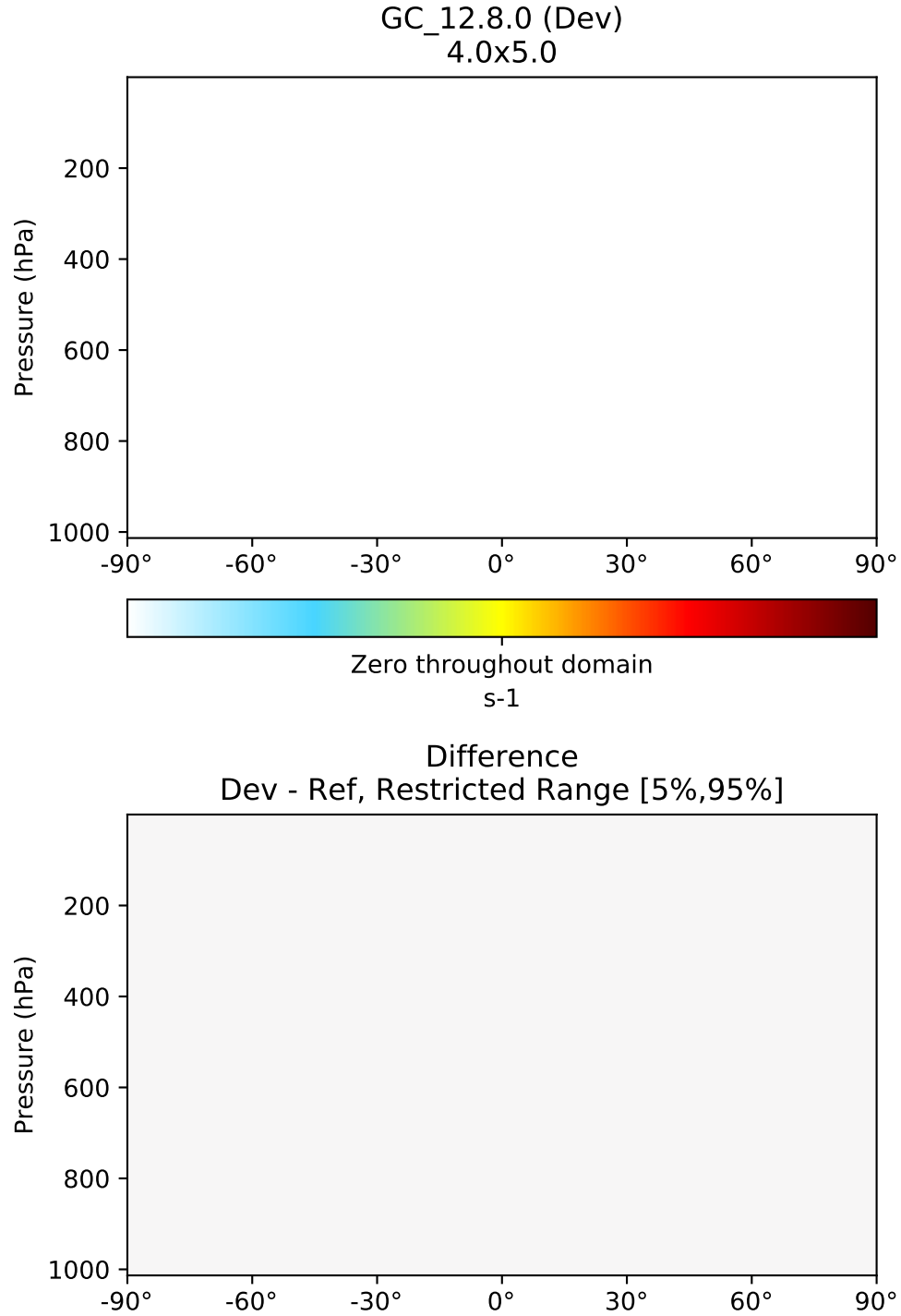
Jval_O2, Zonal Mean (Jan2016)

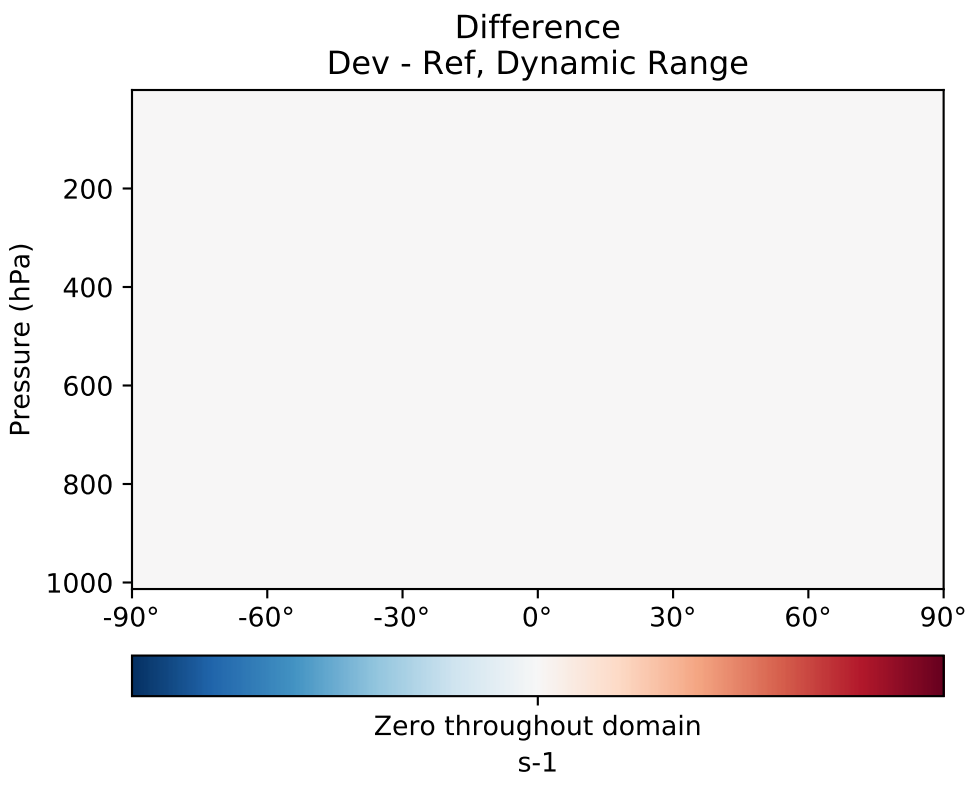


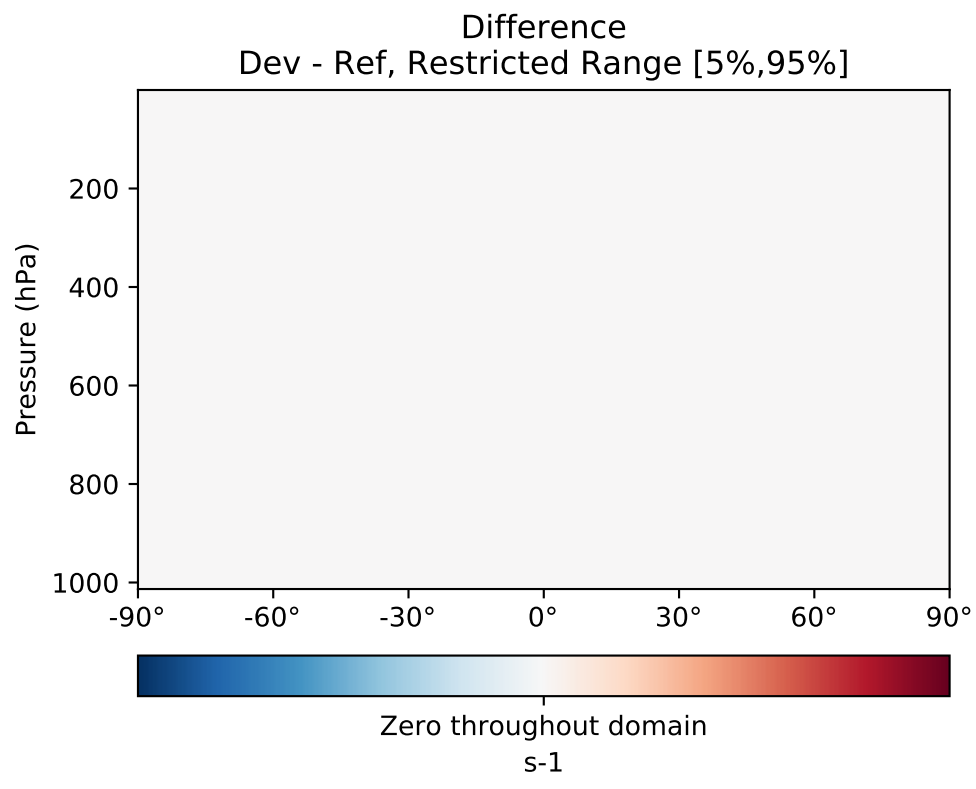


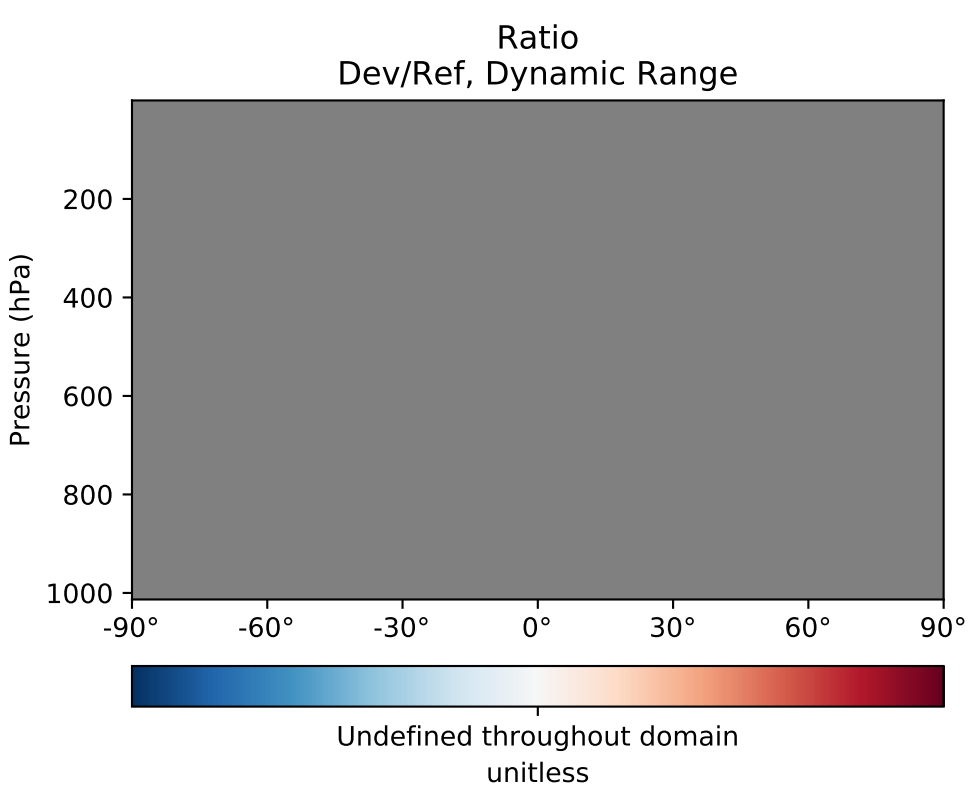
Jval_O3, Zonal Mean (Jan2016)

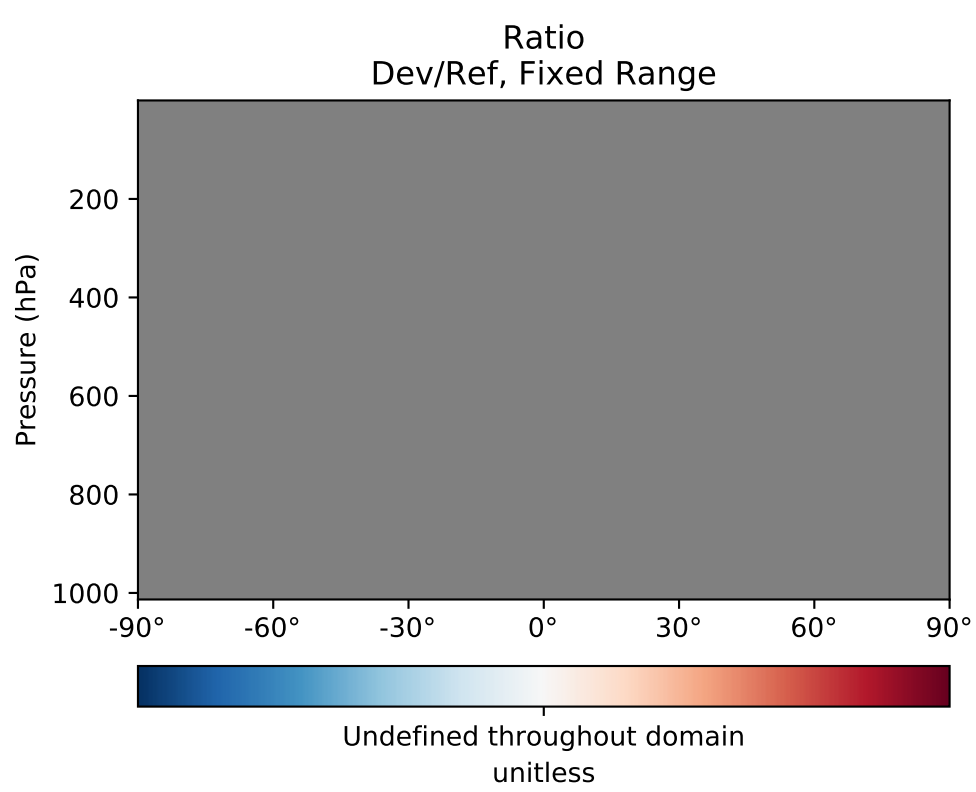




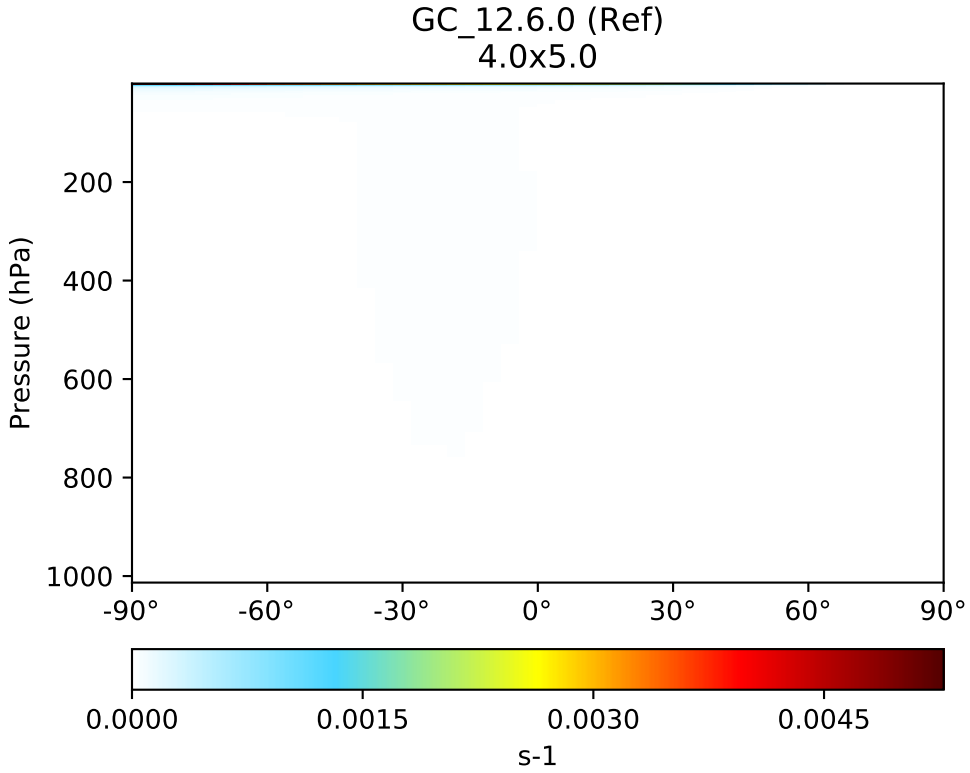


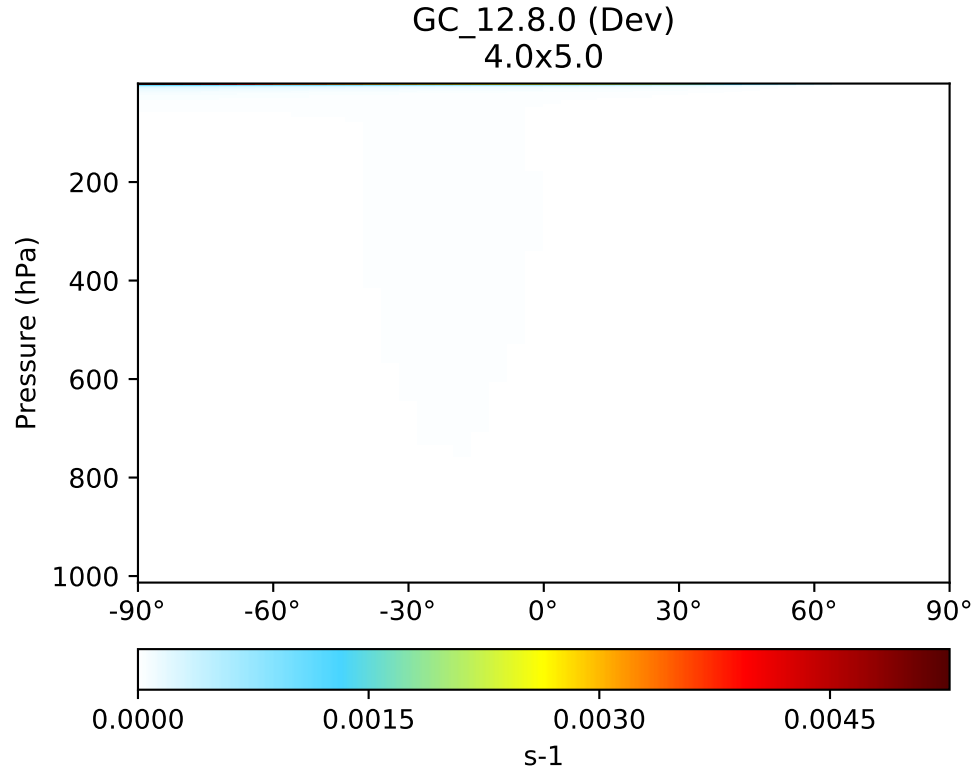


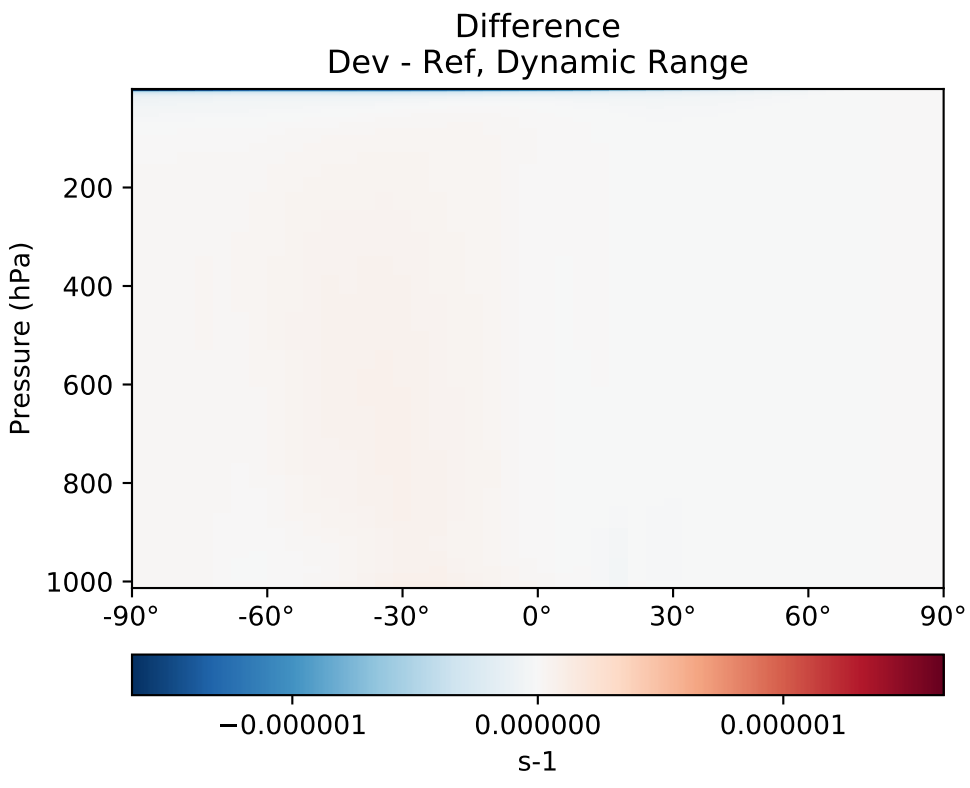


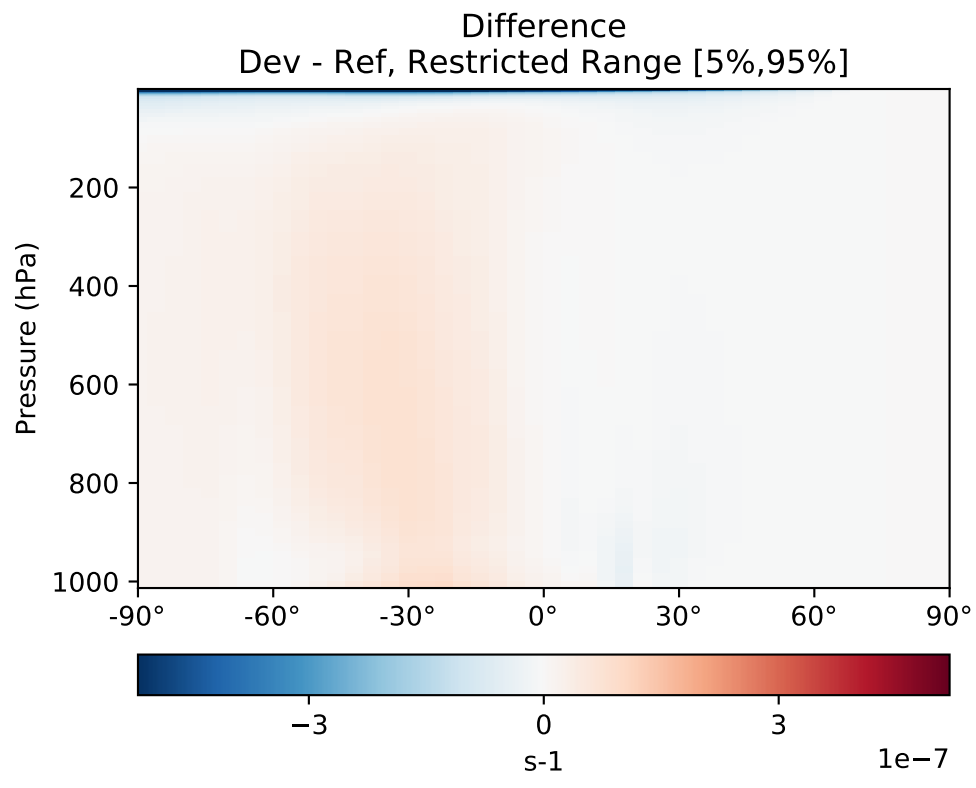


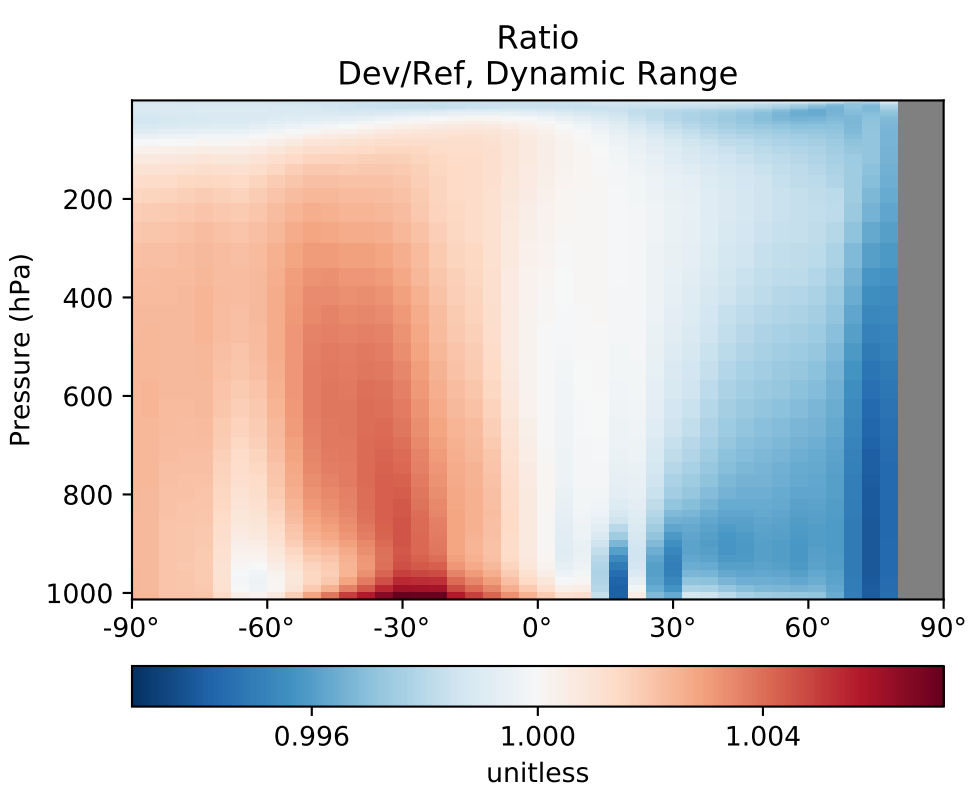
Jval_O3O1D, Zonal Mean (Jan2016)

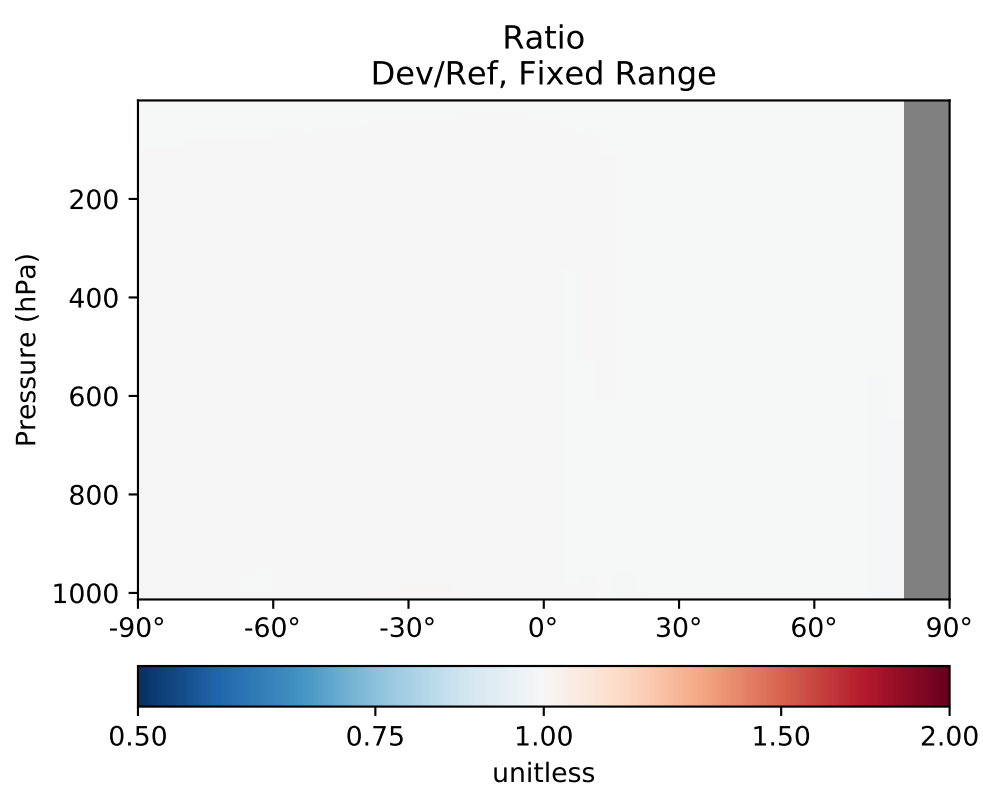




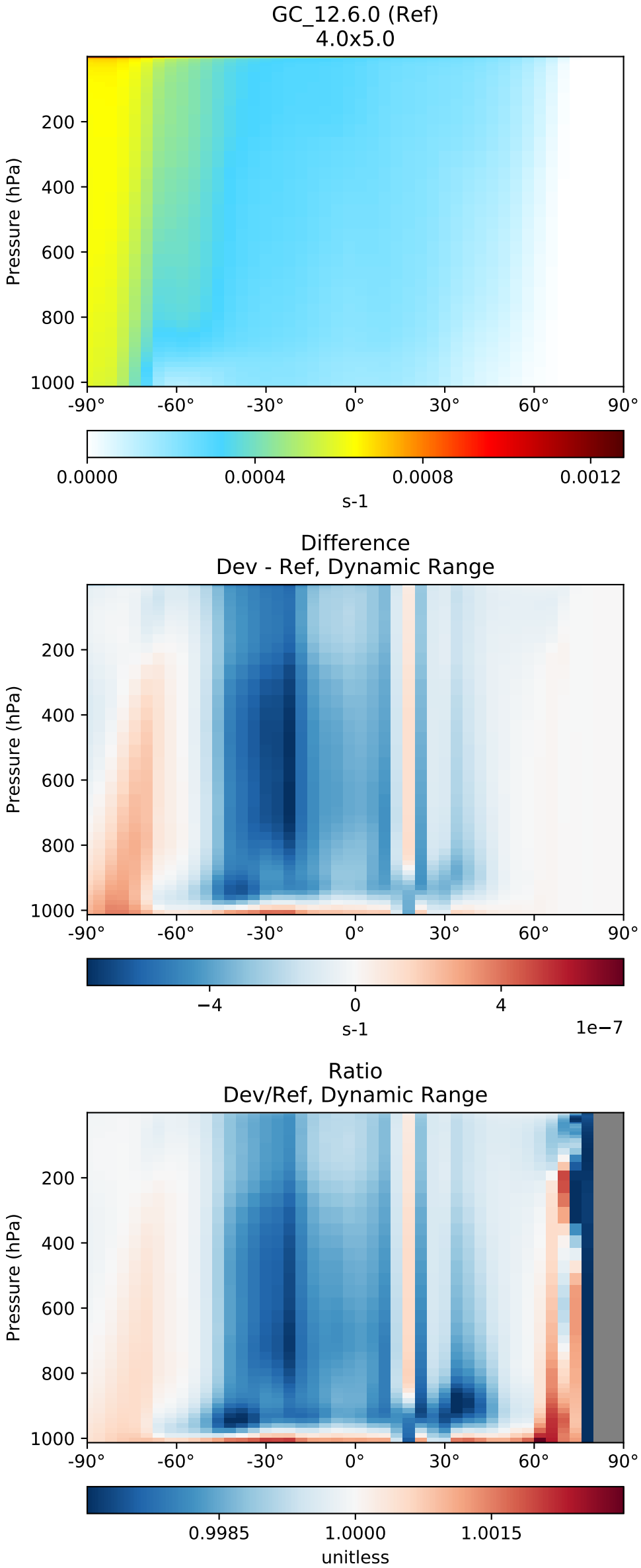


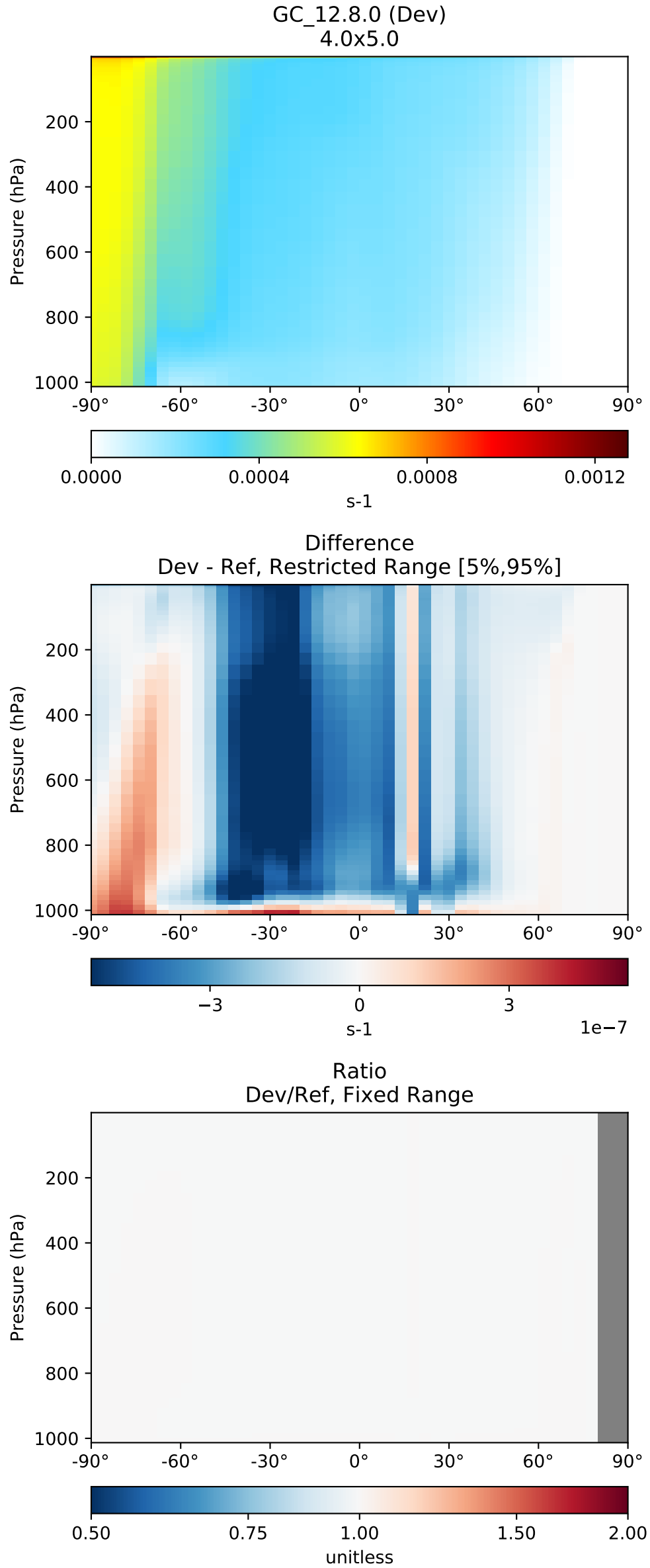




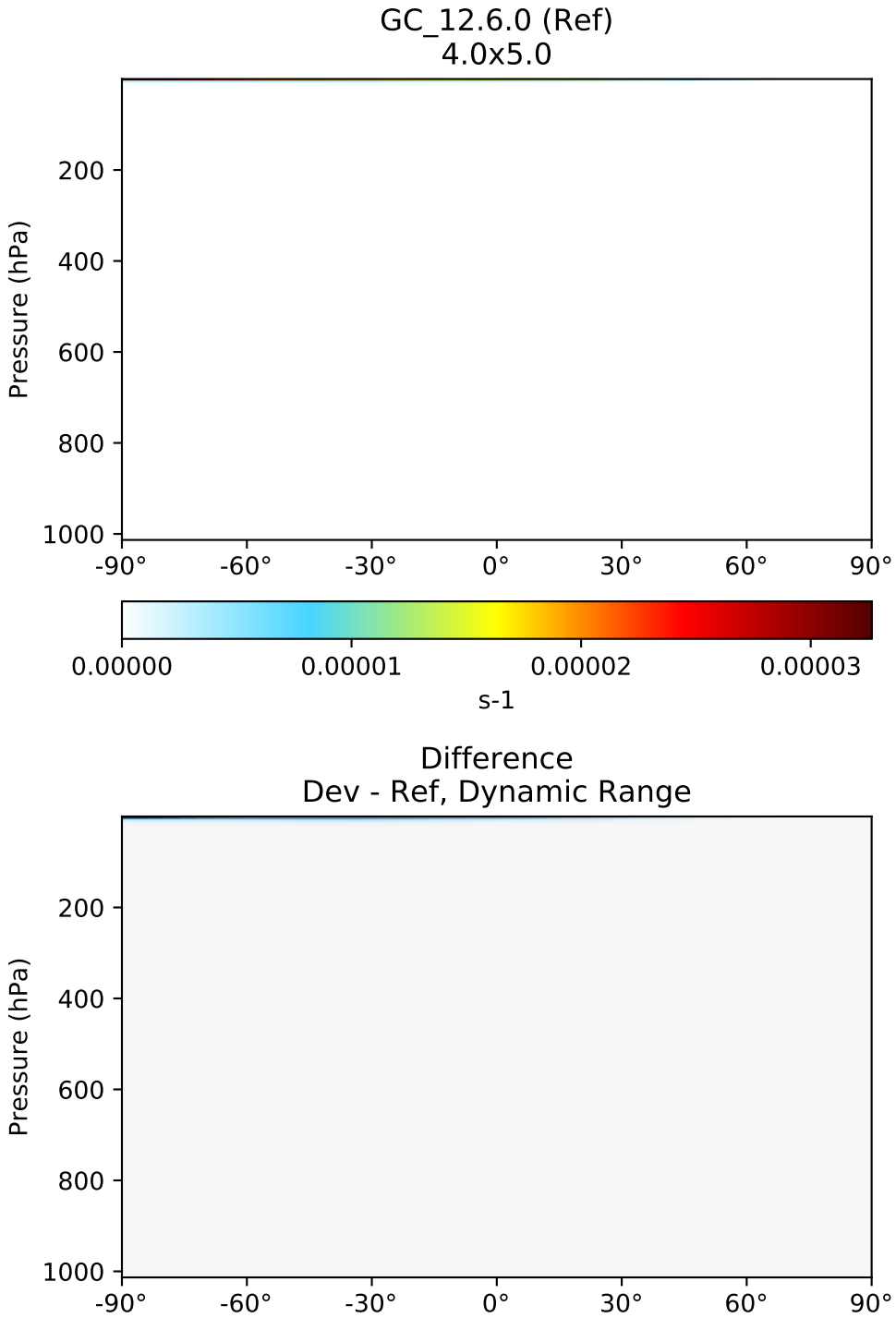


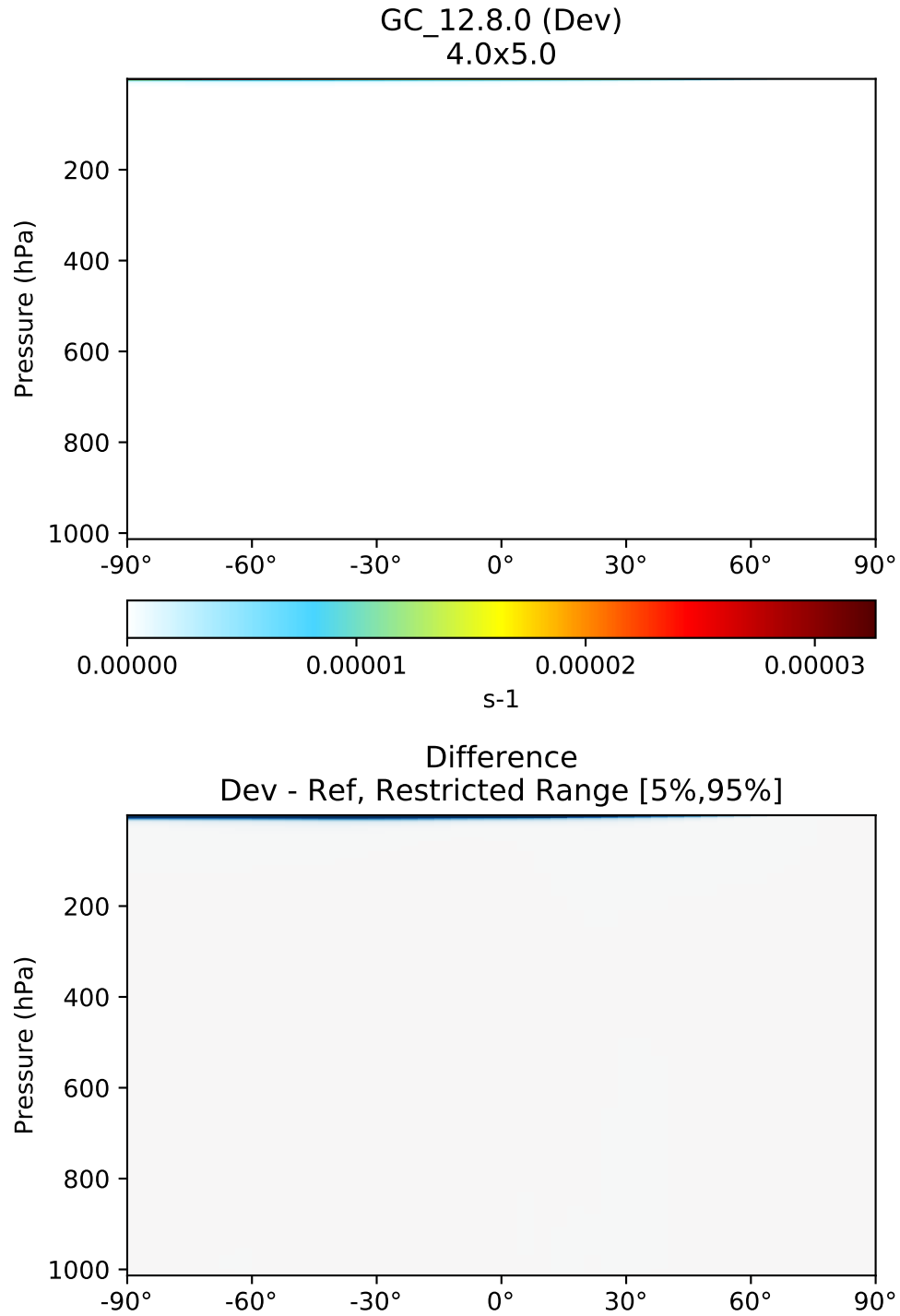
Jval_O3O3P, Zonal Mean (Jan2016)

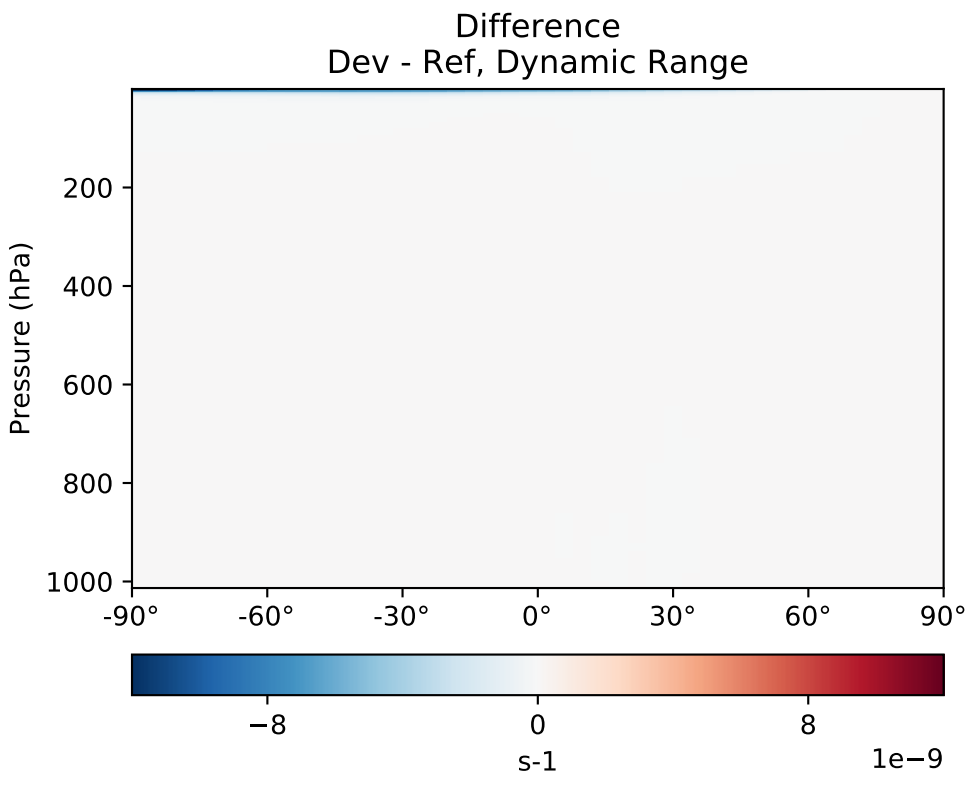


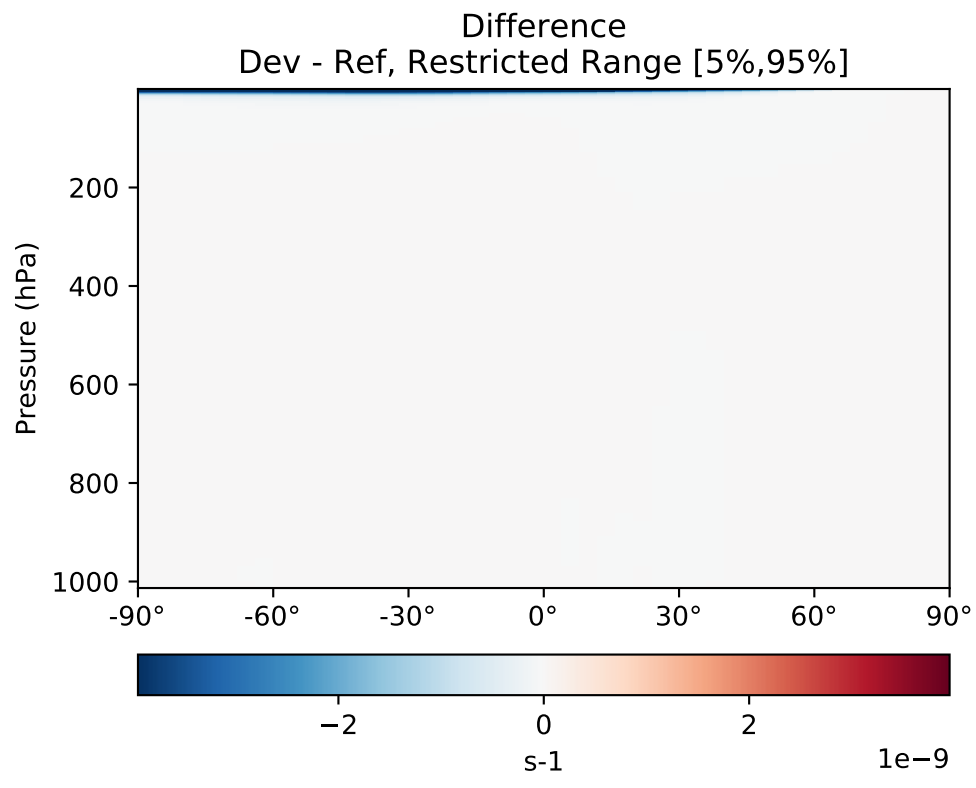


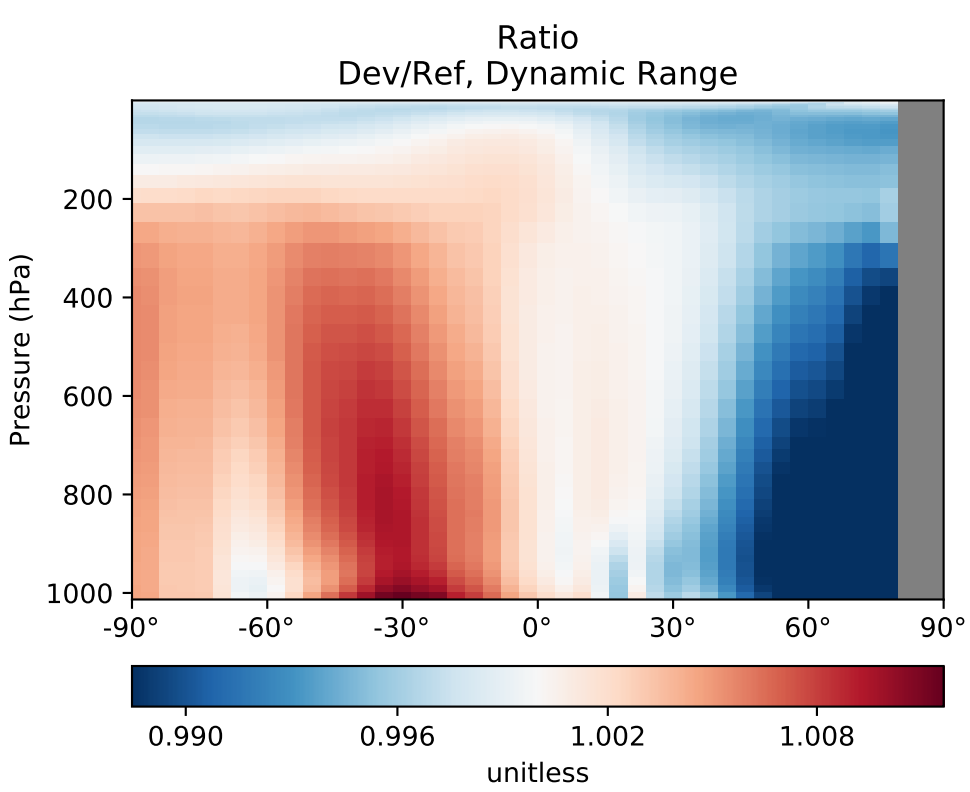
Jval_OCS, Zonal Mean (Jan2016)

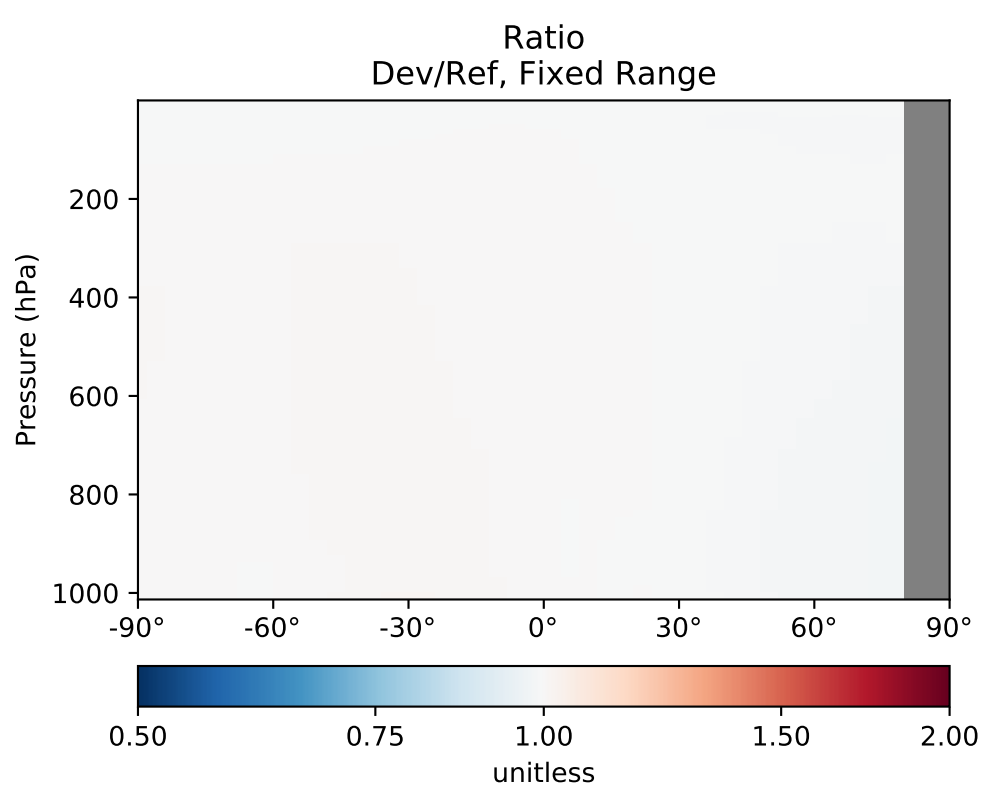




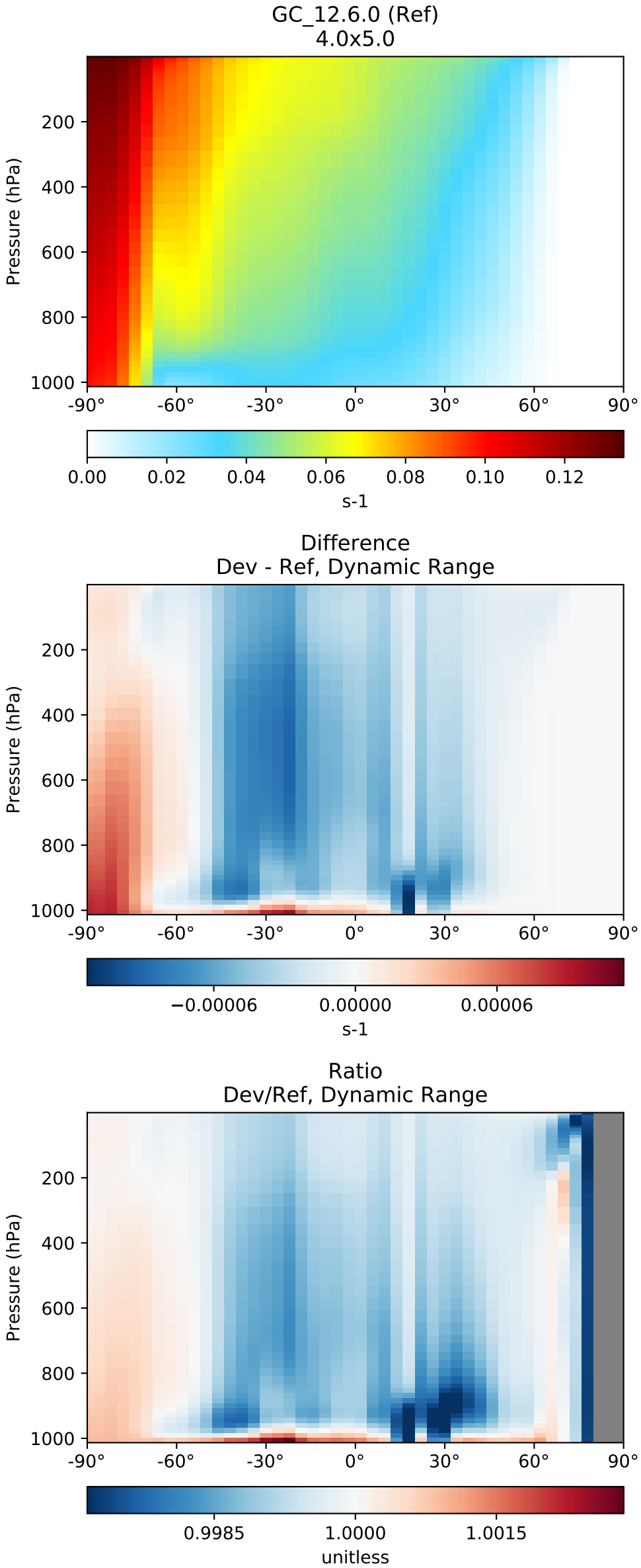


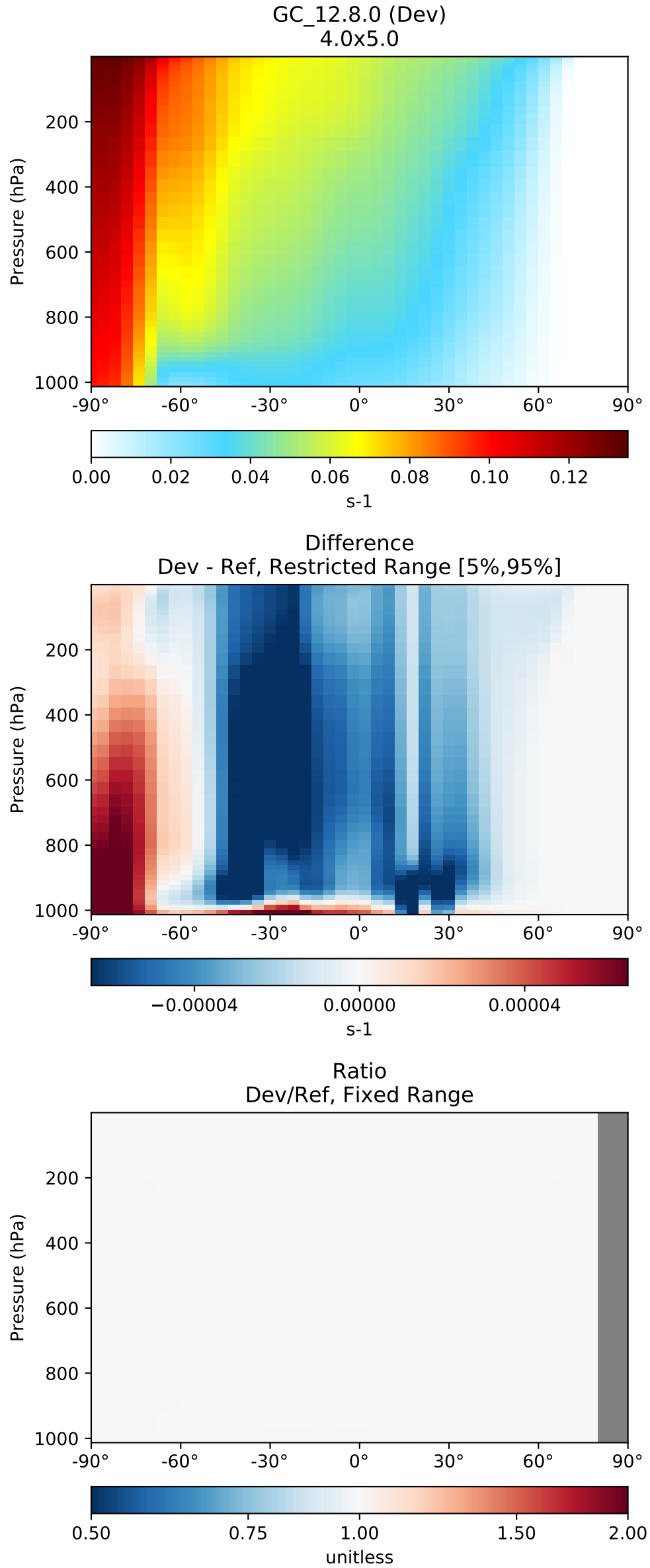




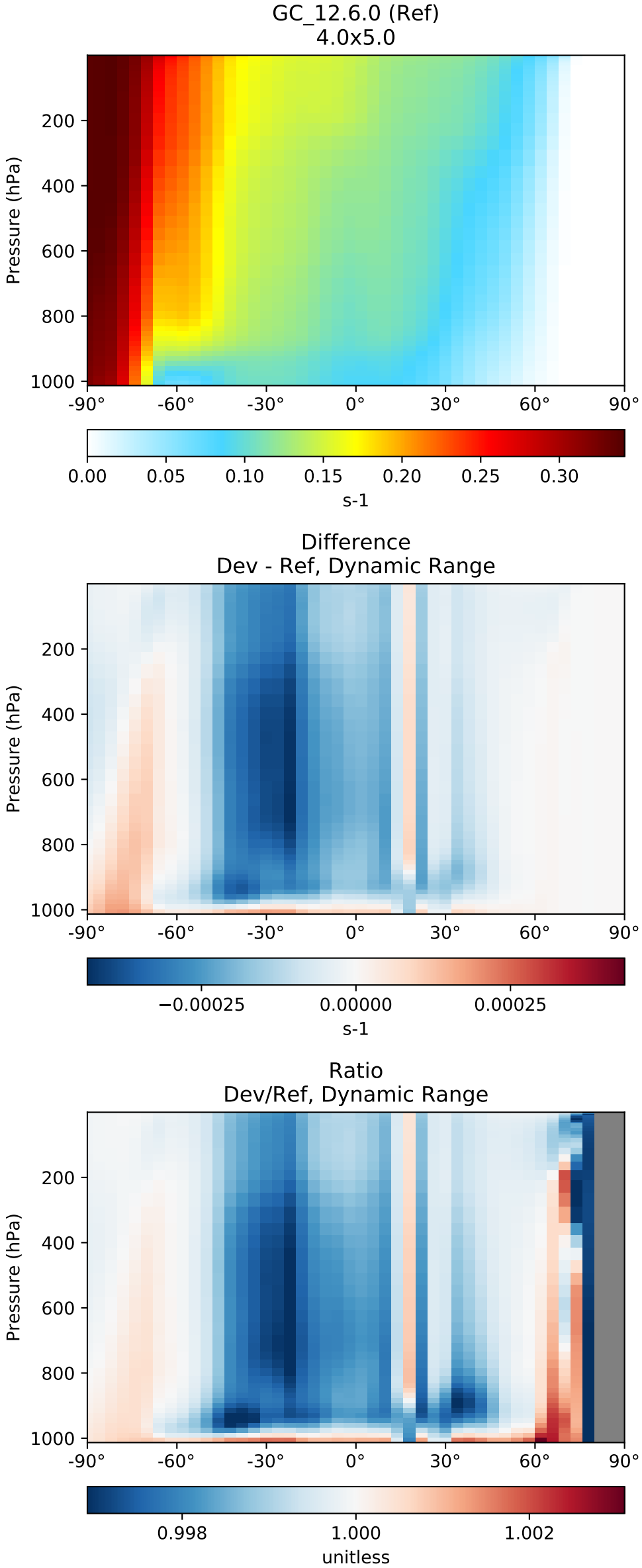


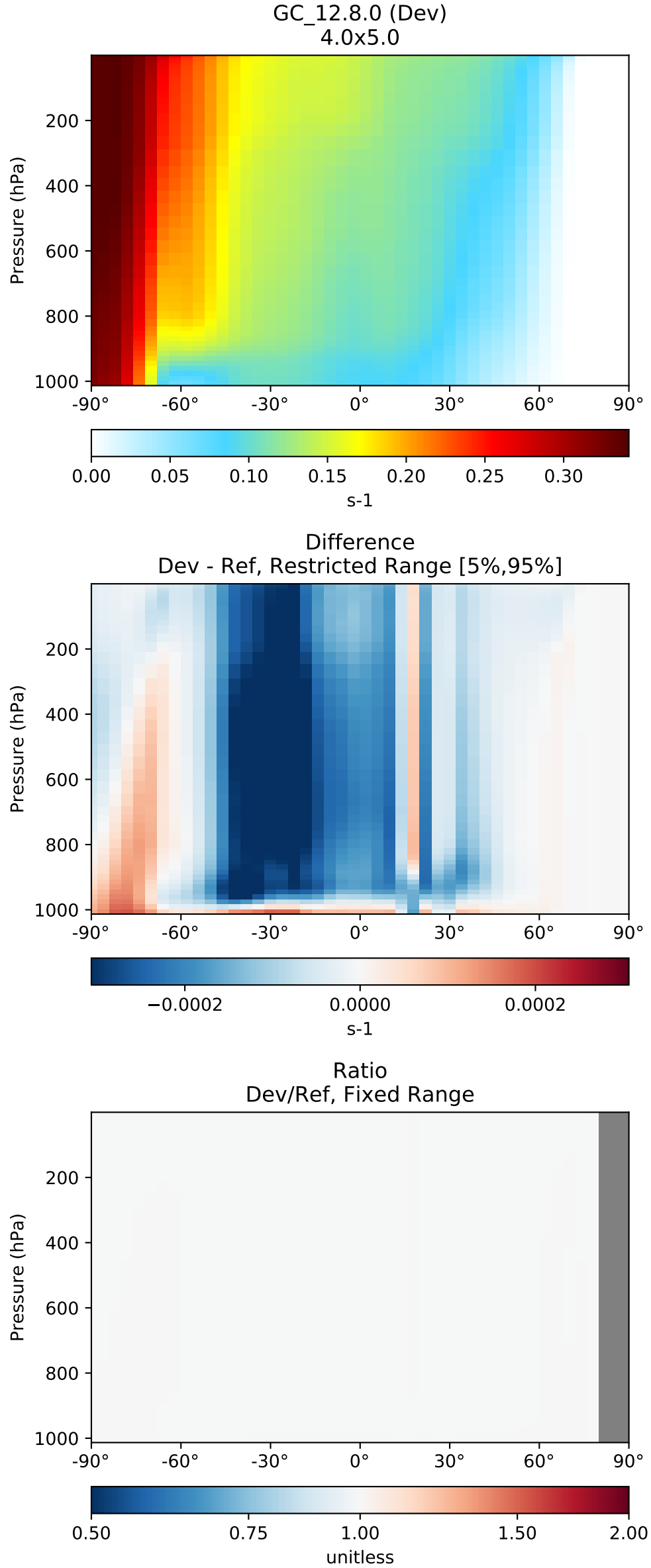
Jval_OClO, Zonal Mean (Jan2016)



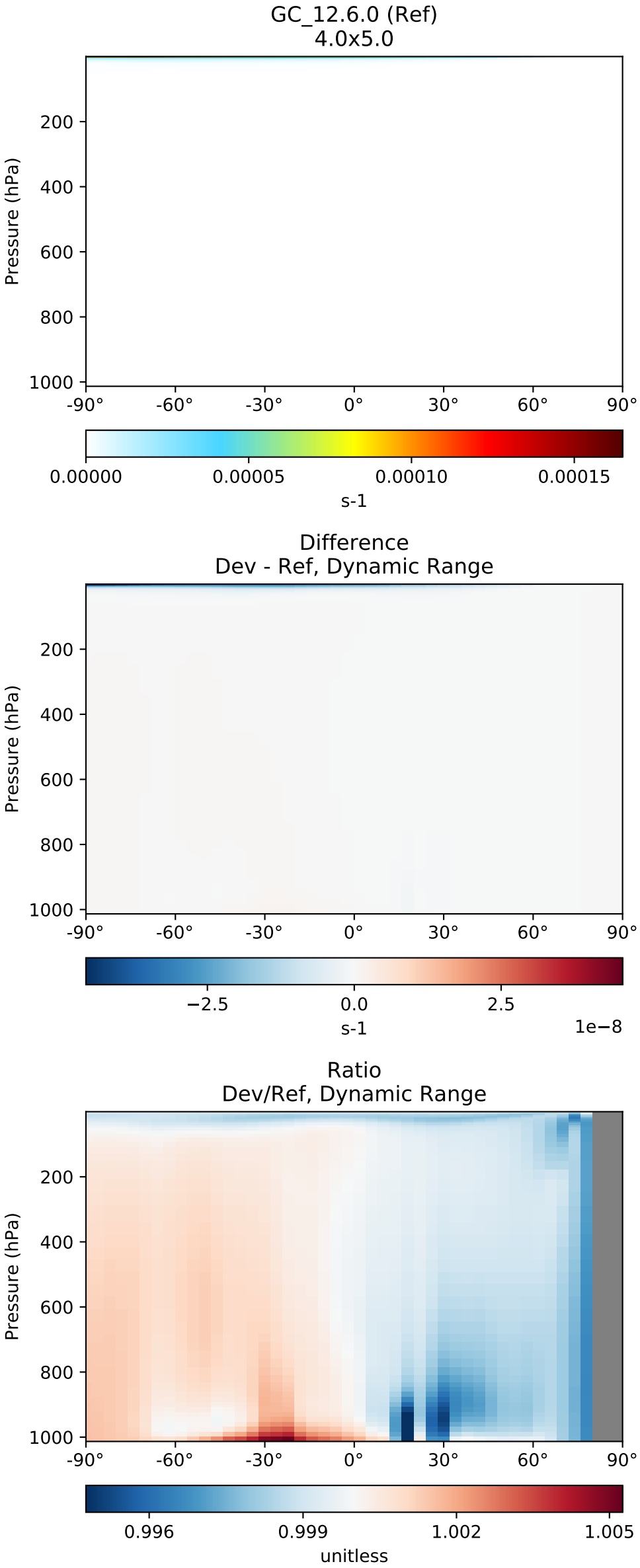


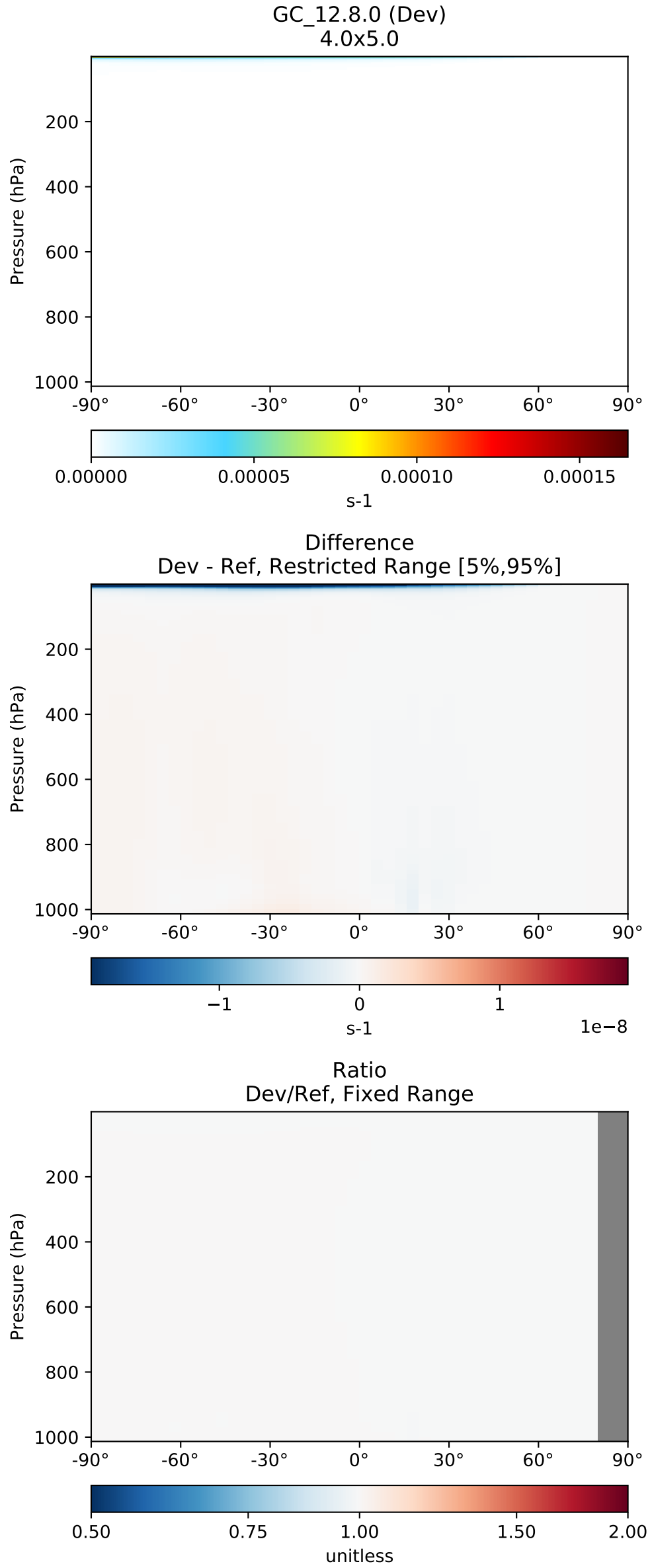
Jval_OIO, Zonal Mean (Jan2016)



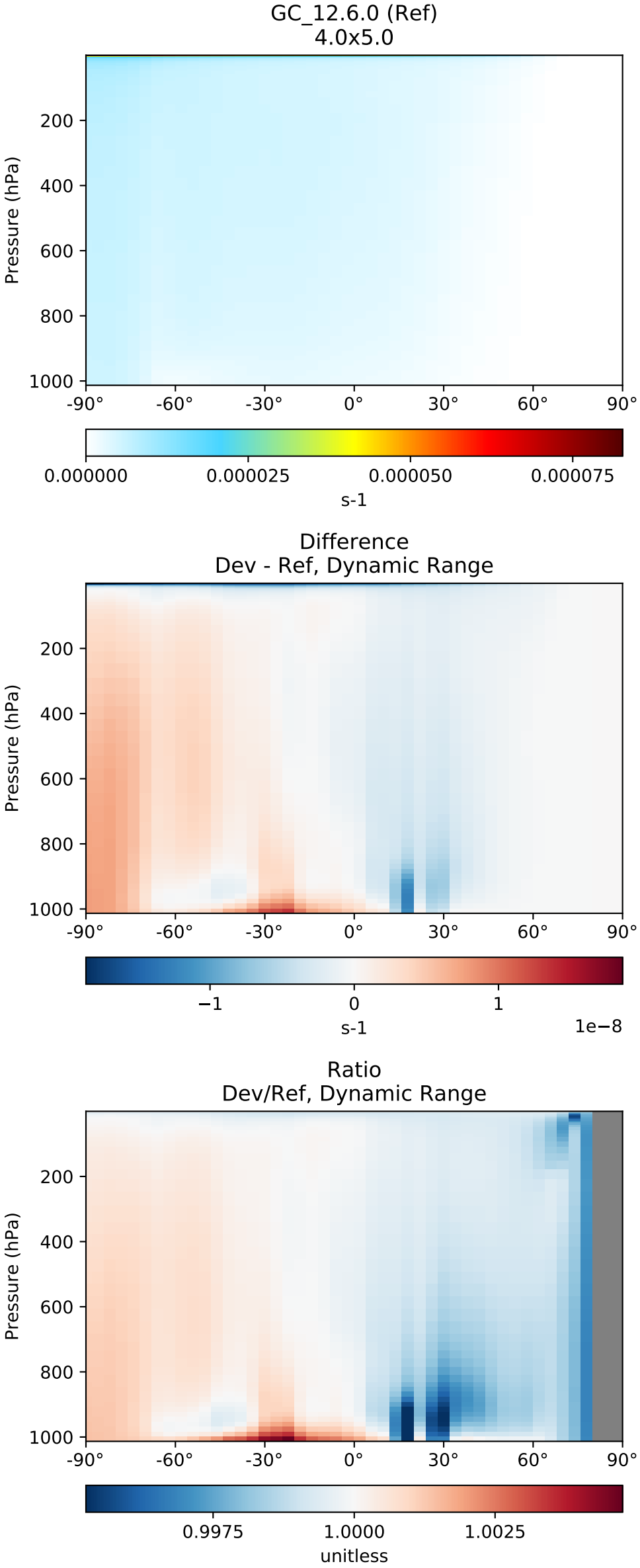


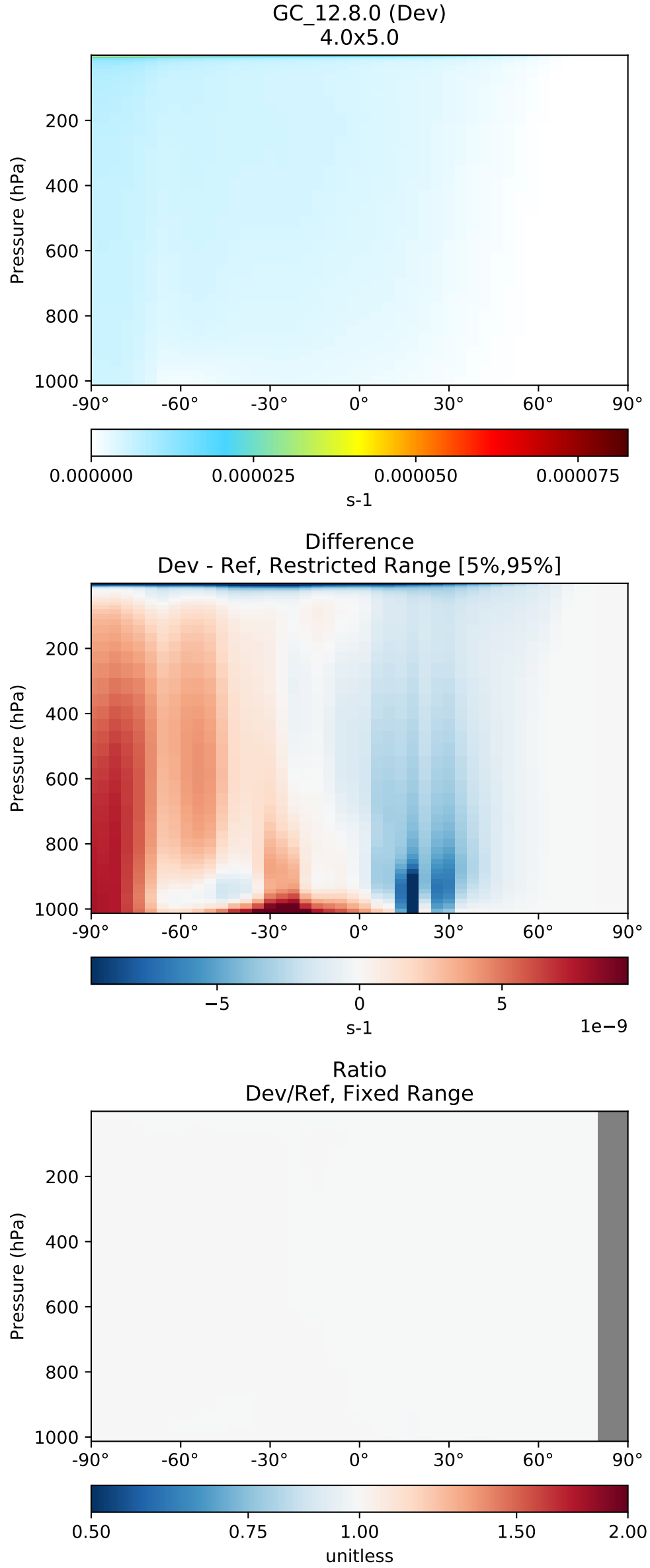
Jval_PAN, Zonal Mean (Jan2016)



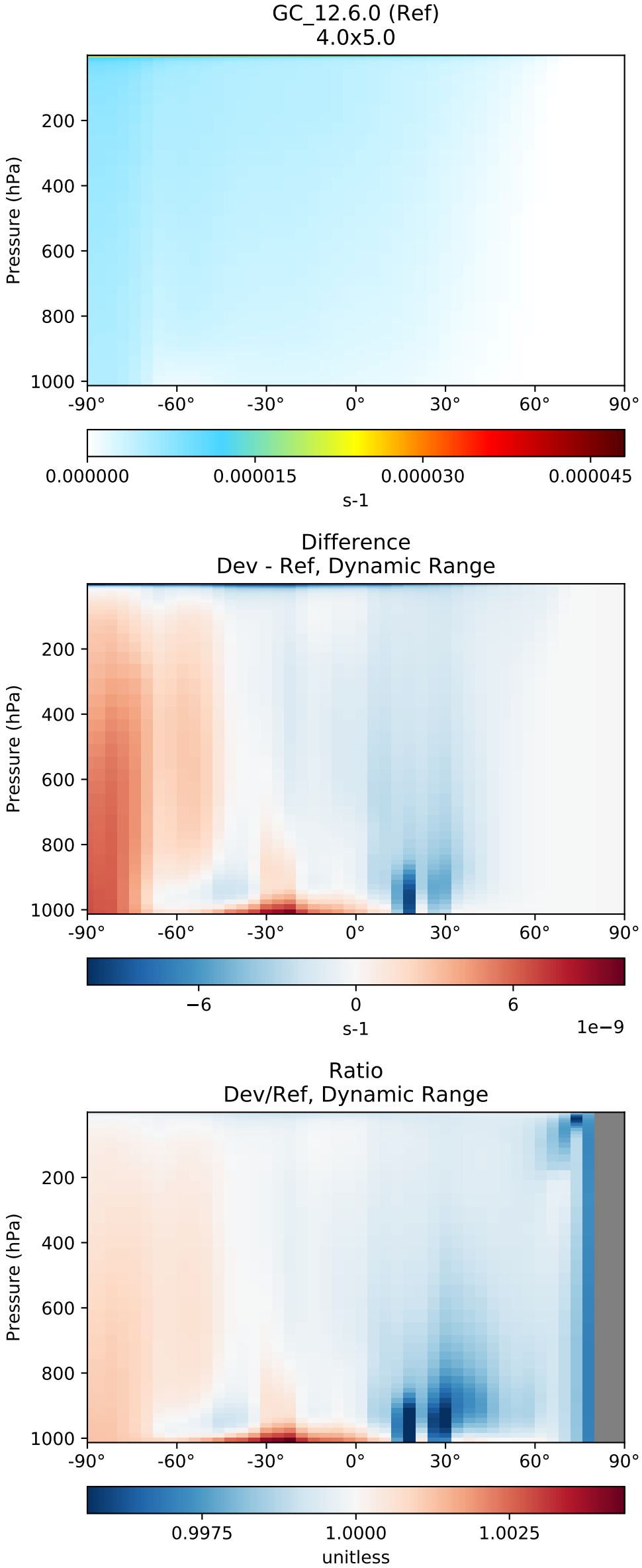


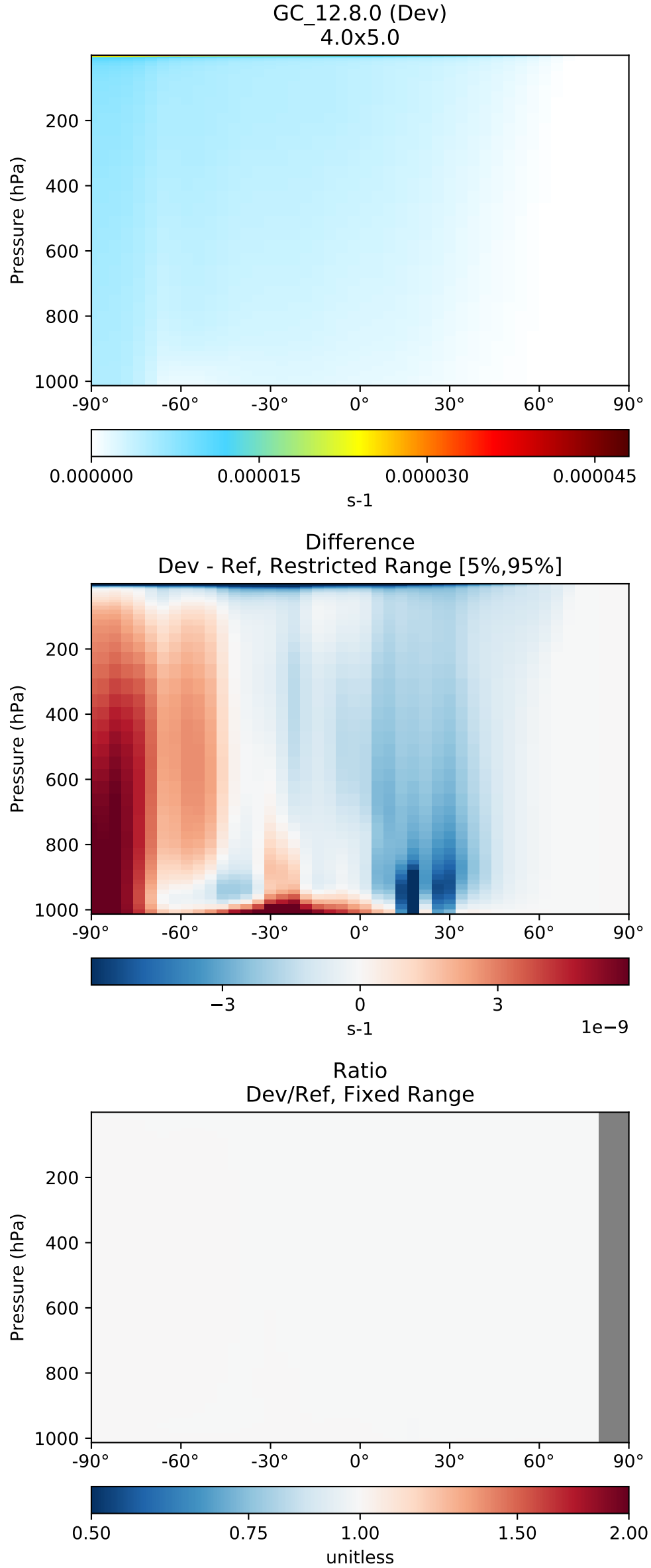
Jval_PIP, Zonal Mean (Jan2016)



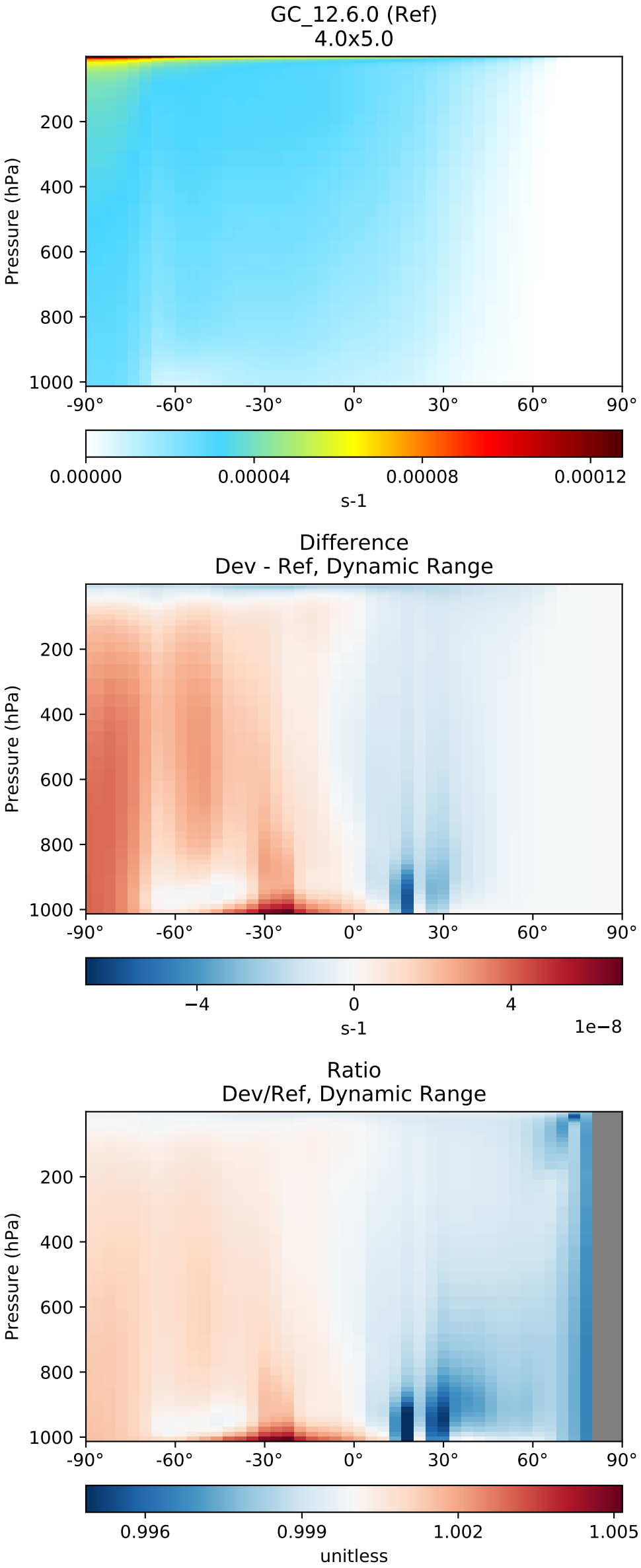


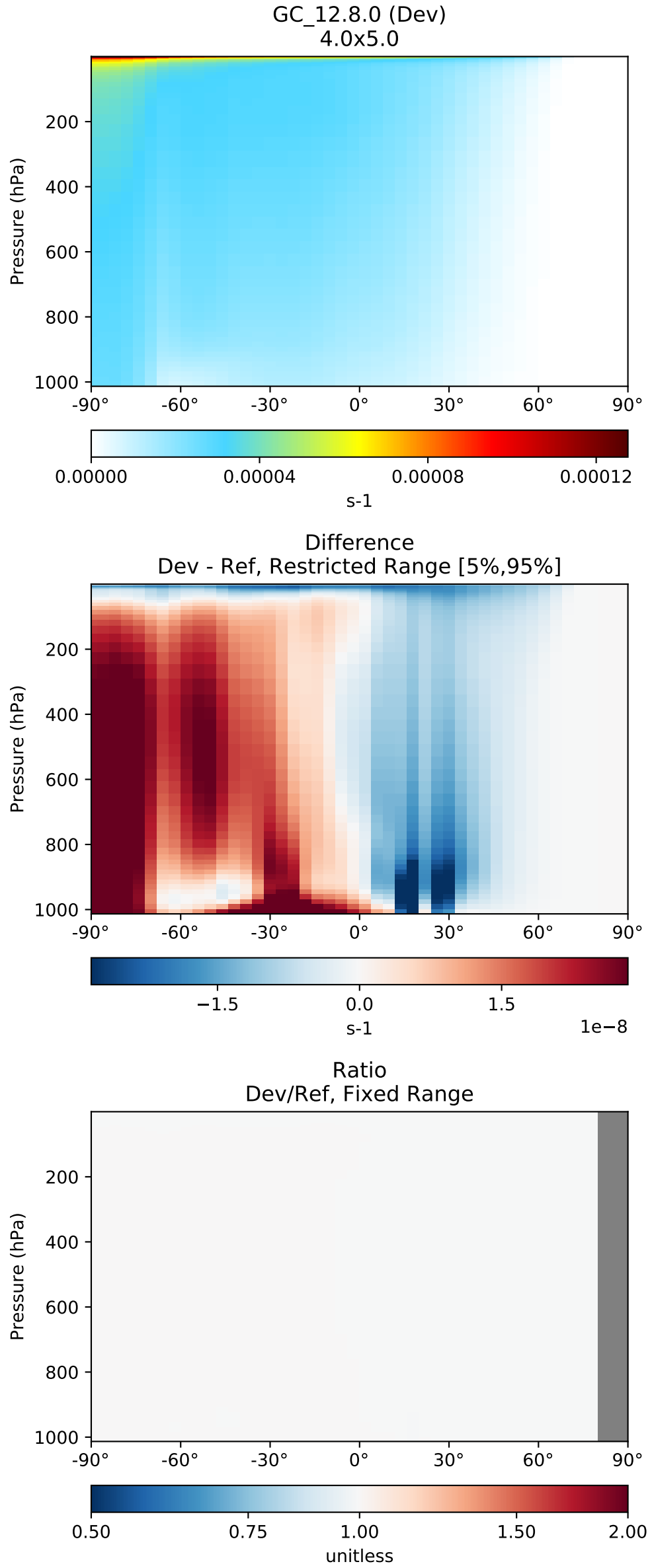
Jval_PP, Zonal Mean (Jan2016)



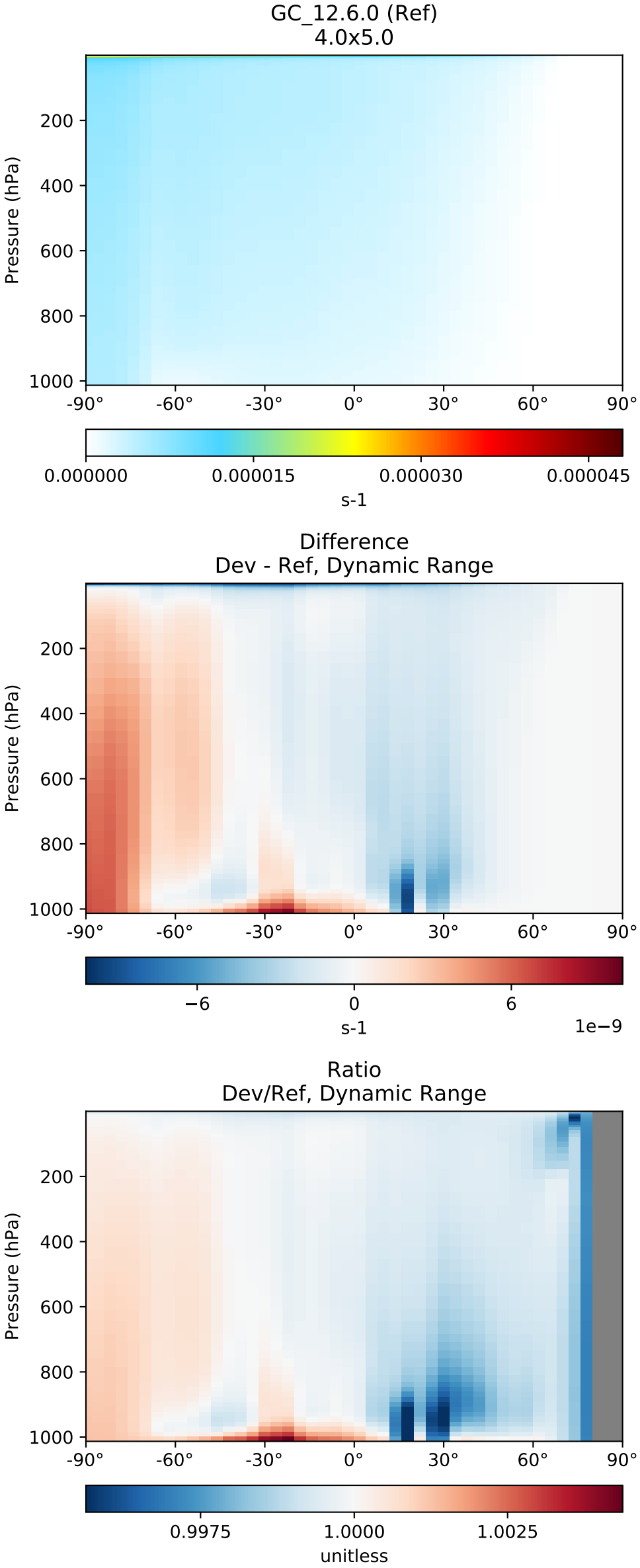


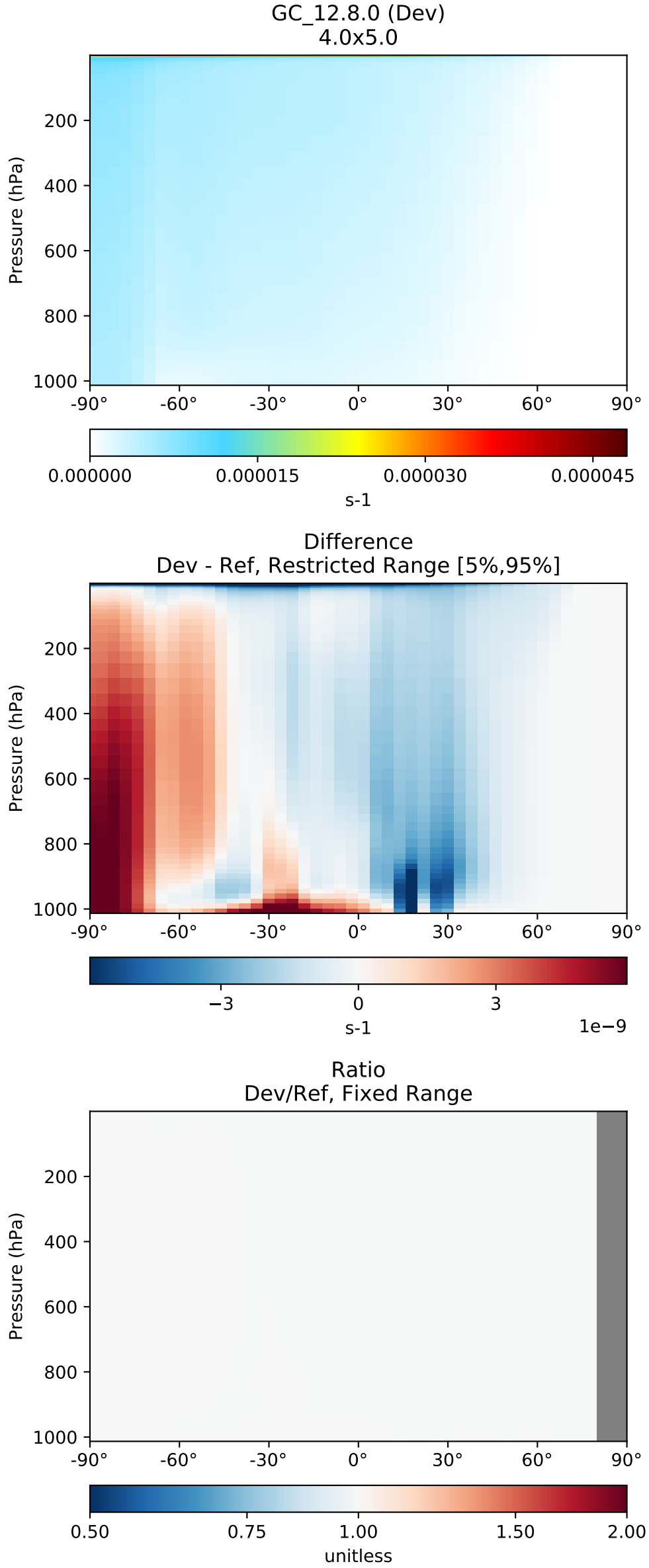
Jval_PROPNN, Zonal Mean (Jan2016)



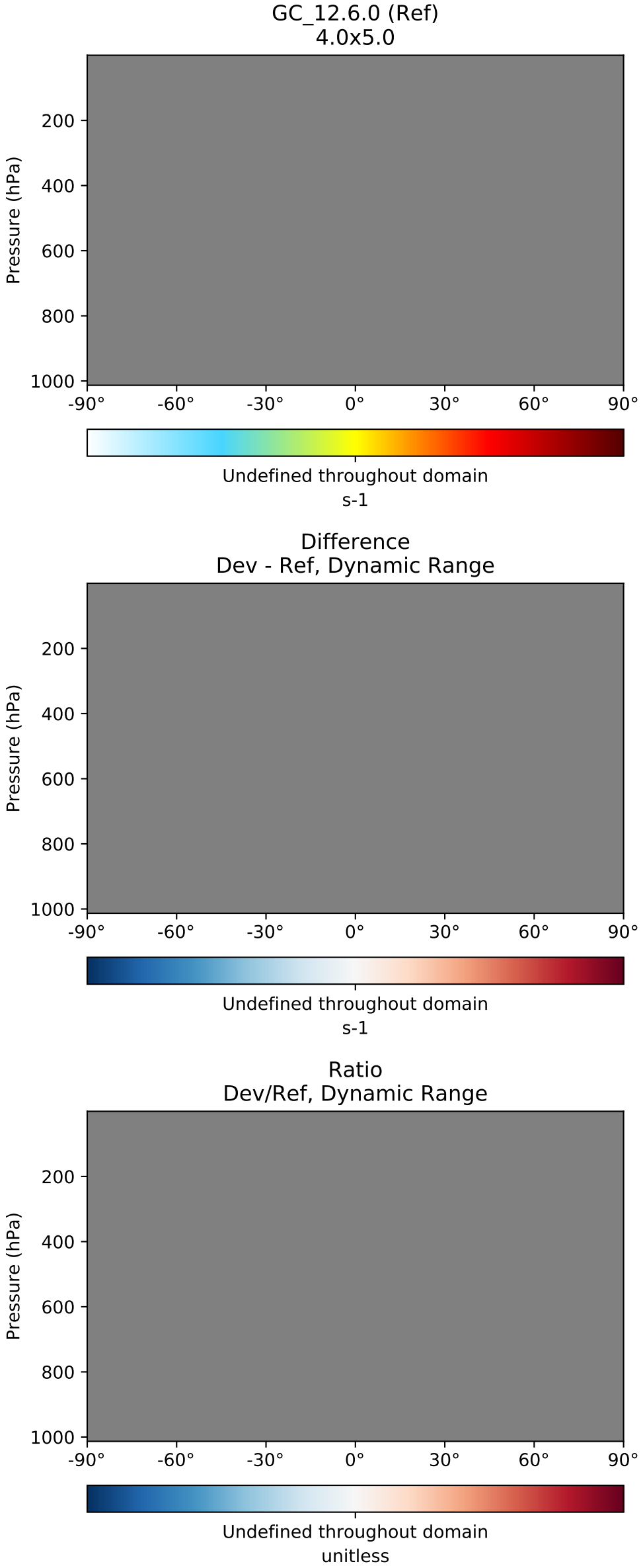


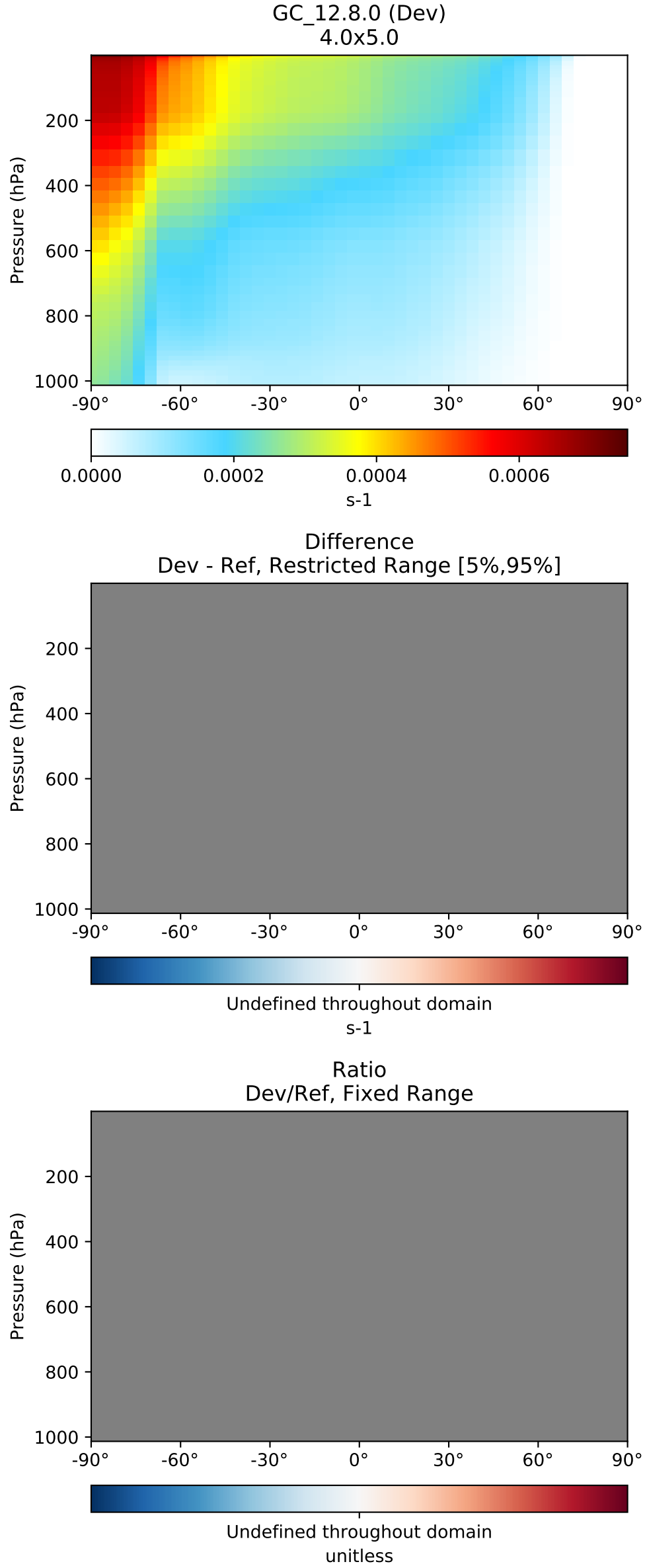
Jval_PRPN, Zonal Mean (Jan2016)



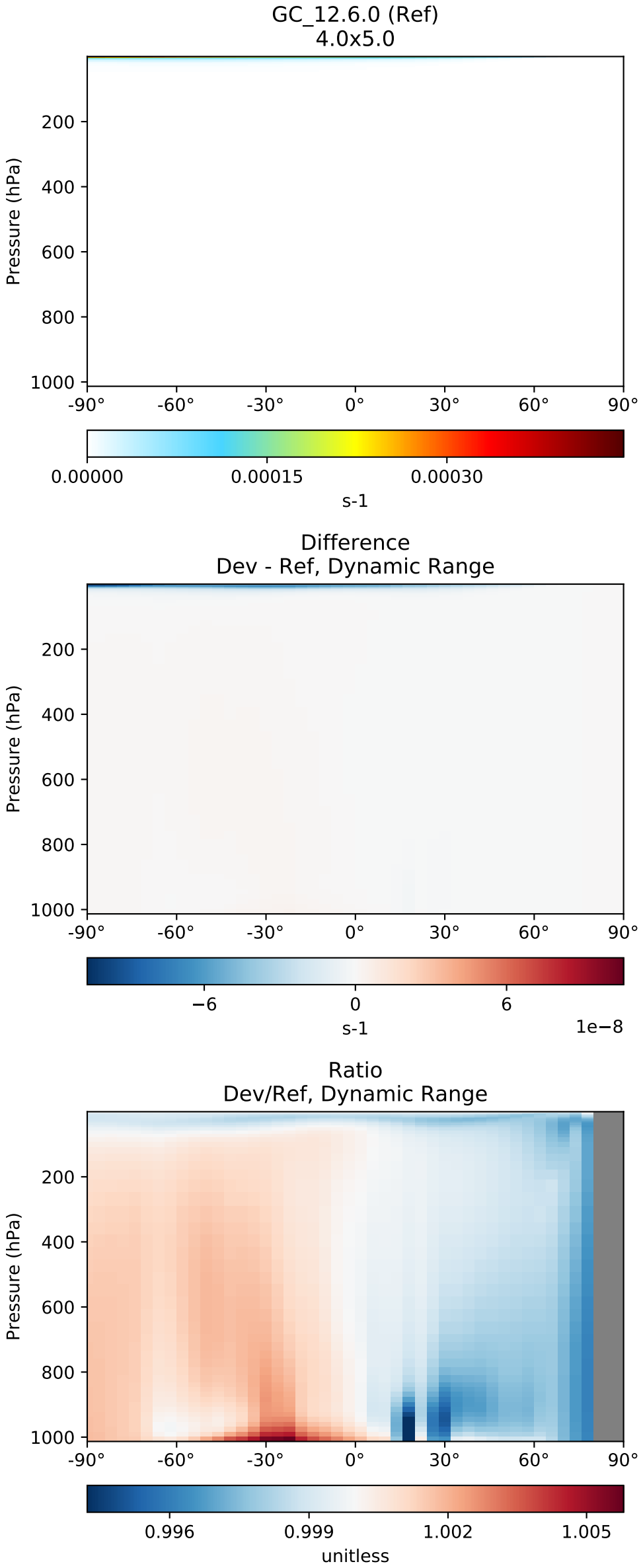


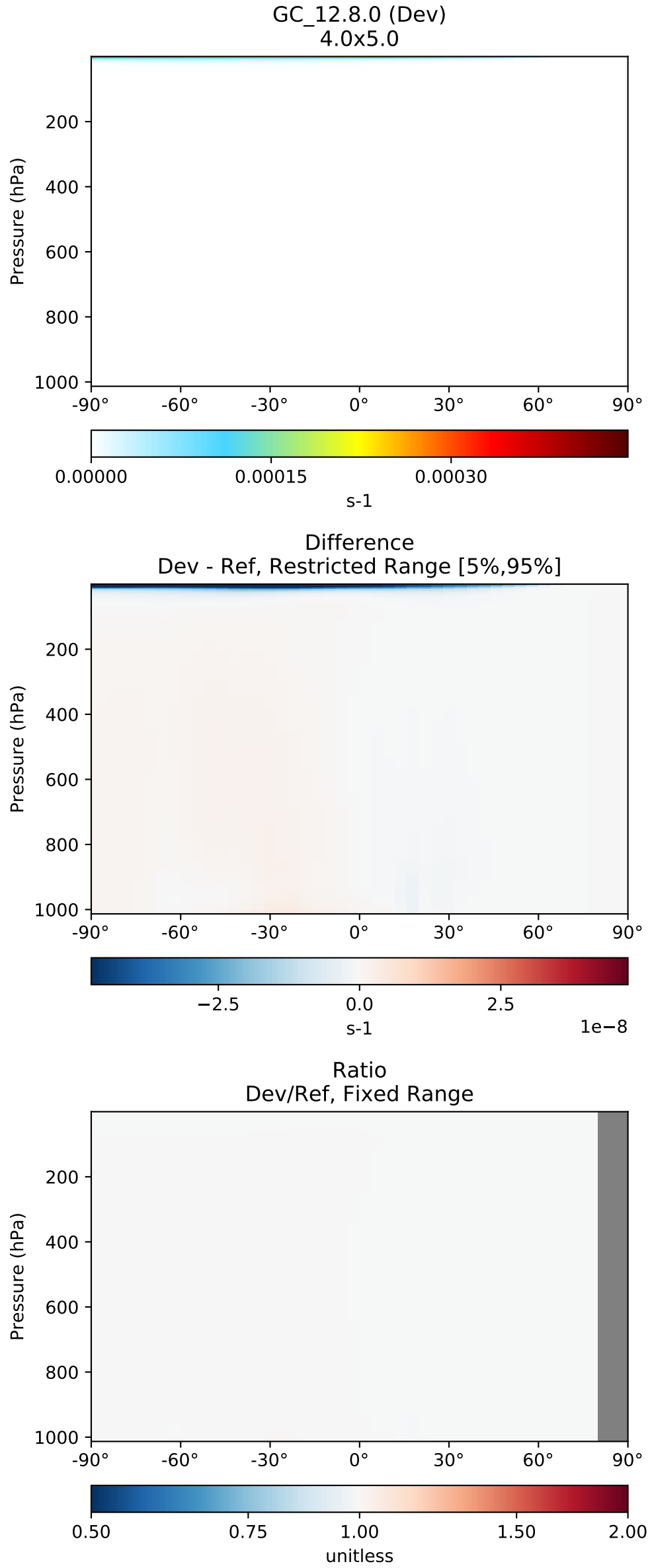
Jval_PYAC, Zonal Mean (Jan2016)



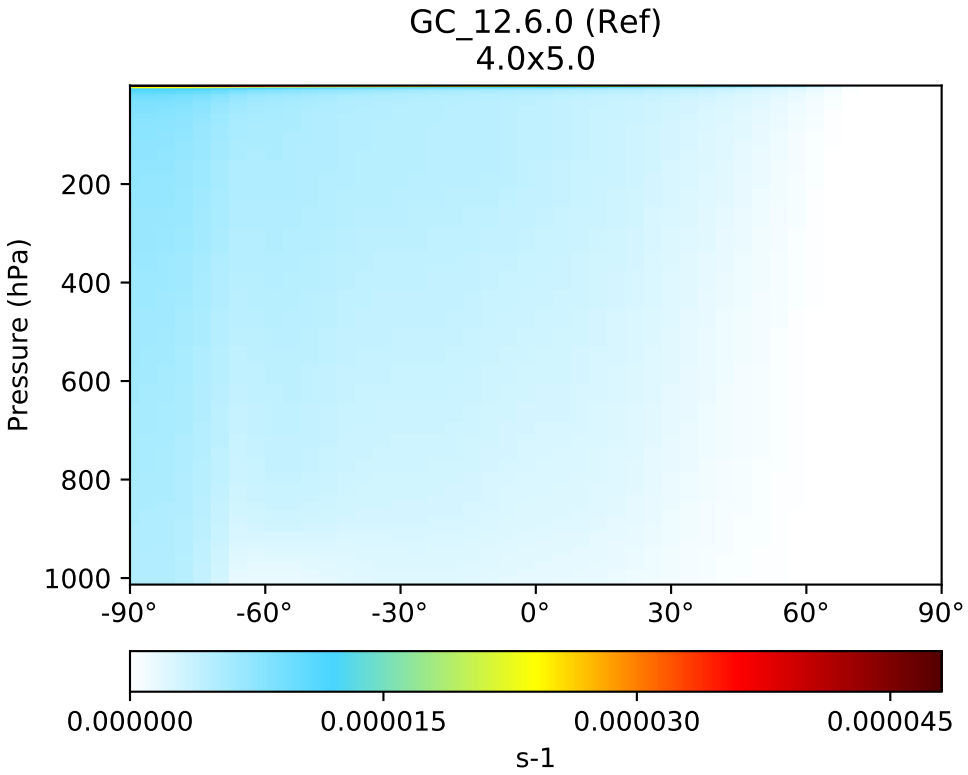


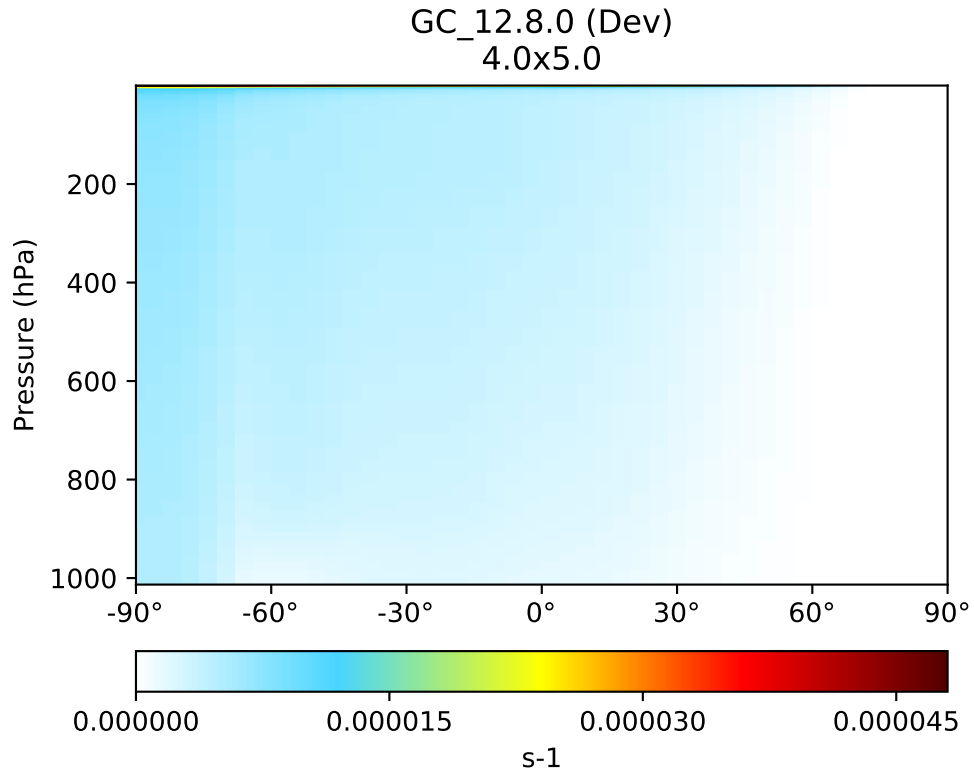
Jval_R4N2, Zonal Mean (Jan2016)

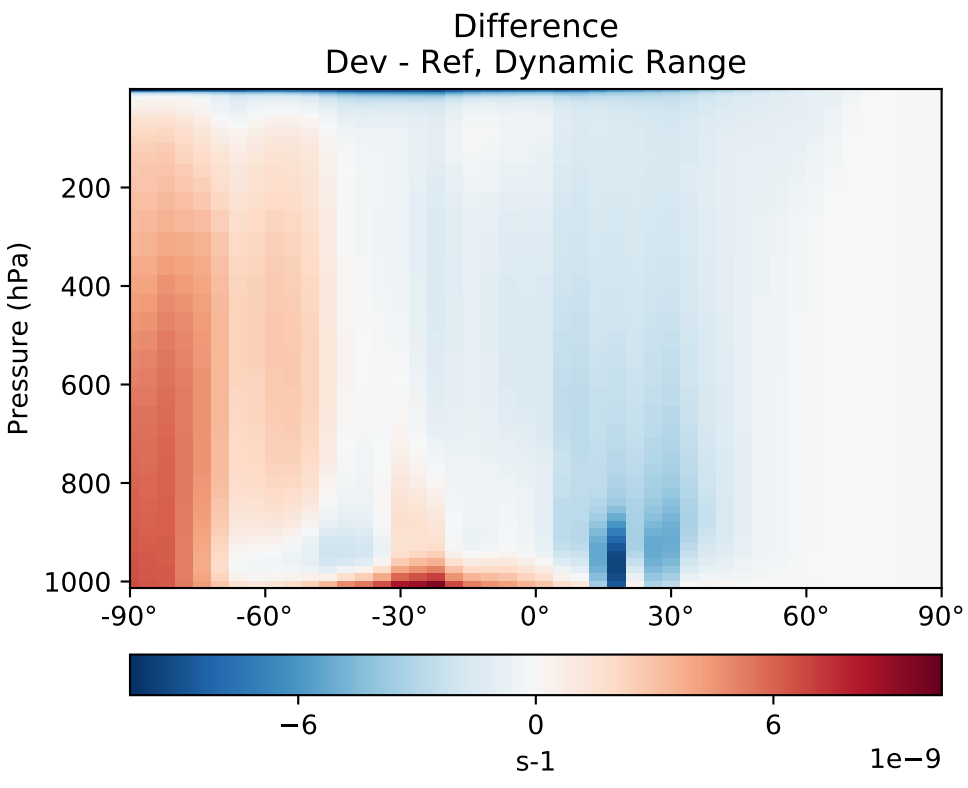


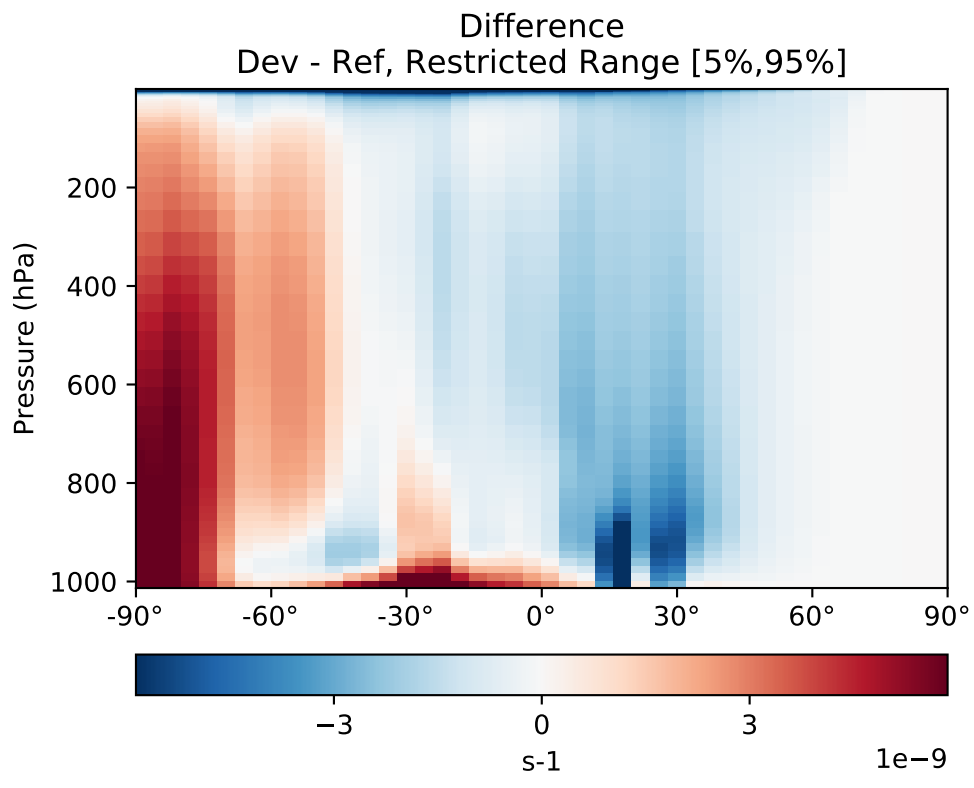


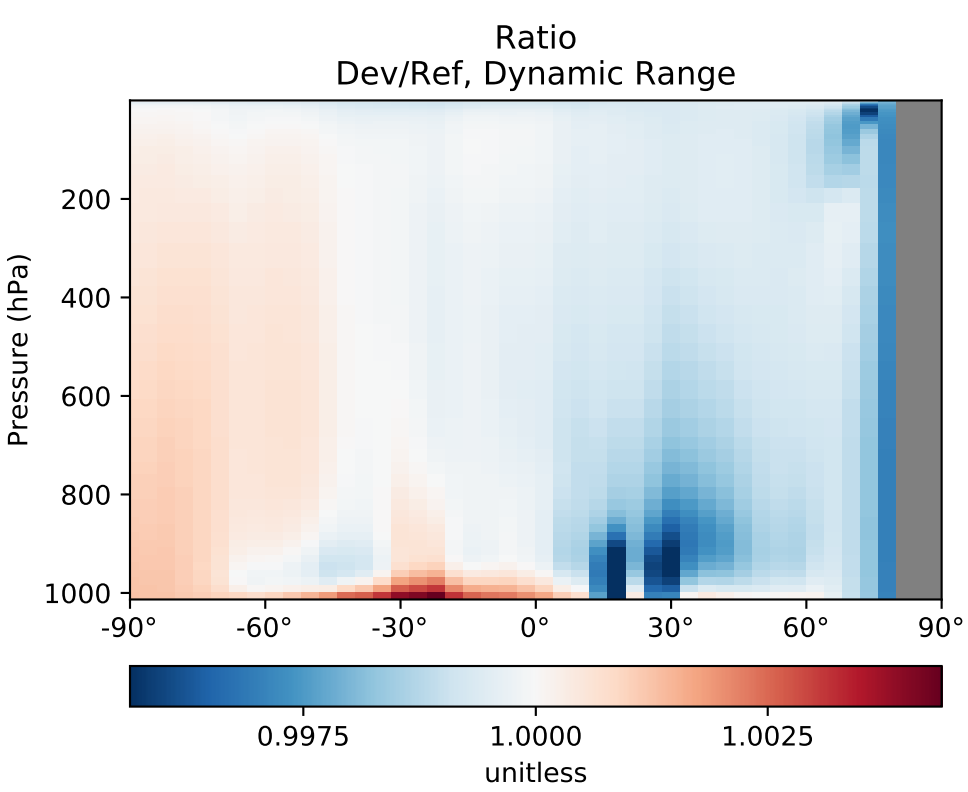
Jval_R4P, Zonal Mean (Jan2016)

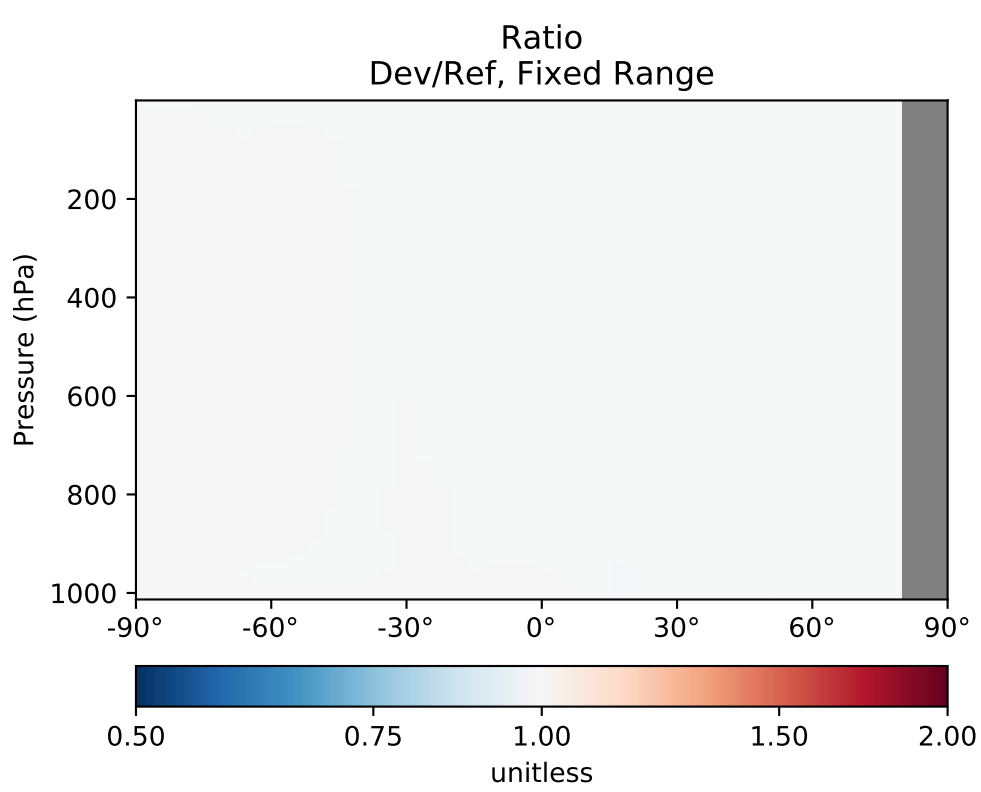




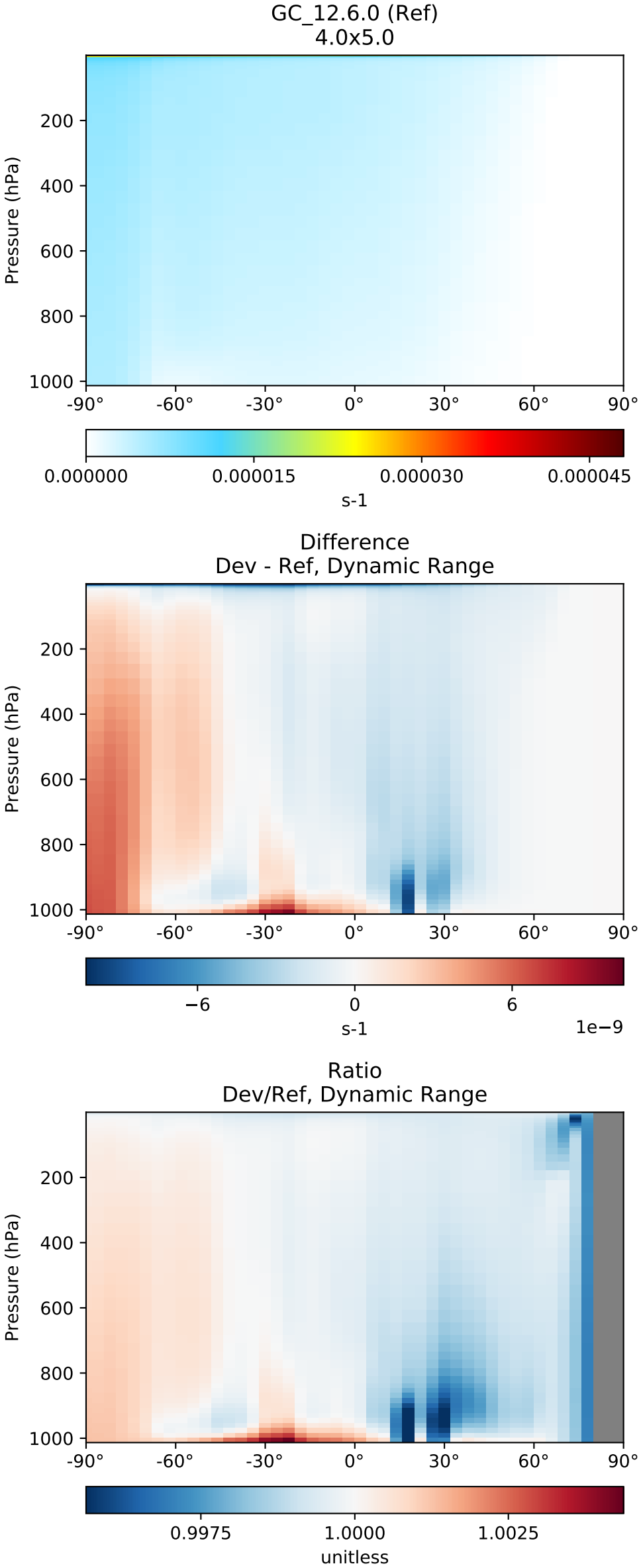


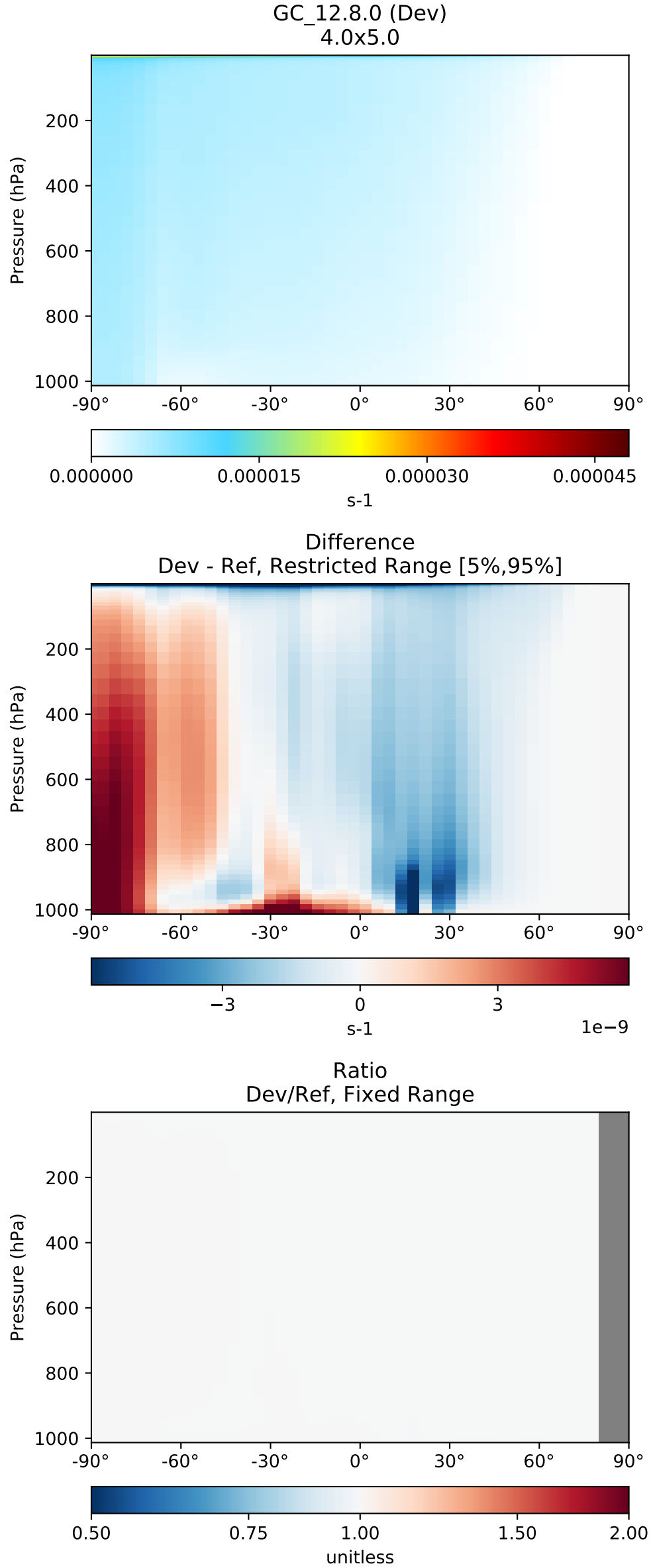






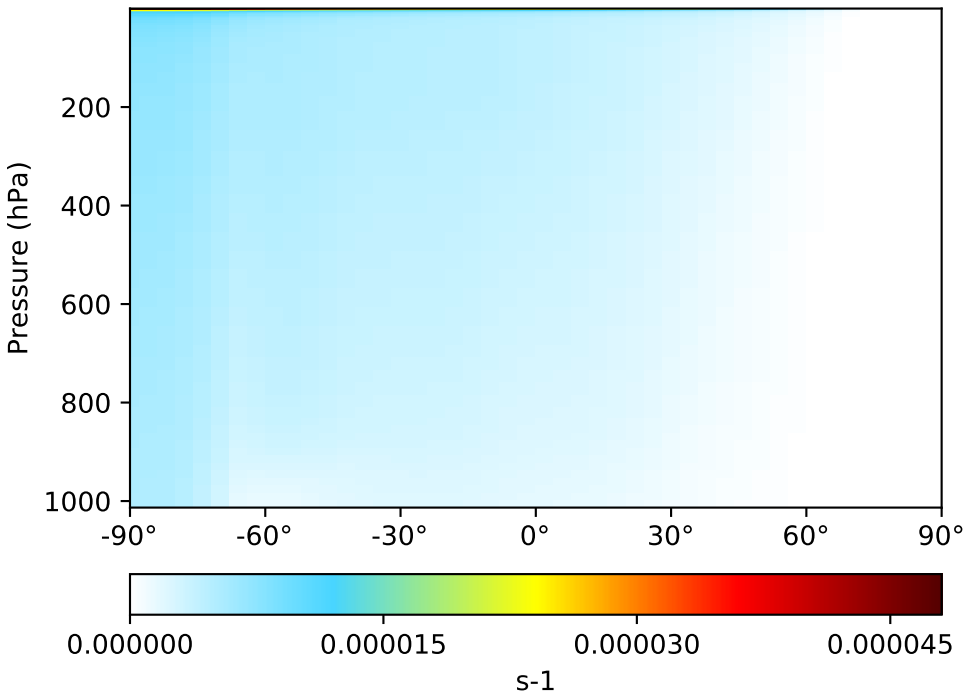
Jval_RA3P, Zonal Mean (Jan2016)



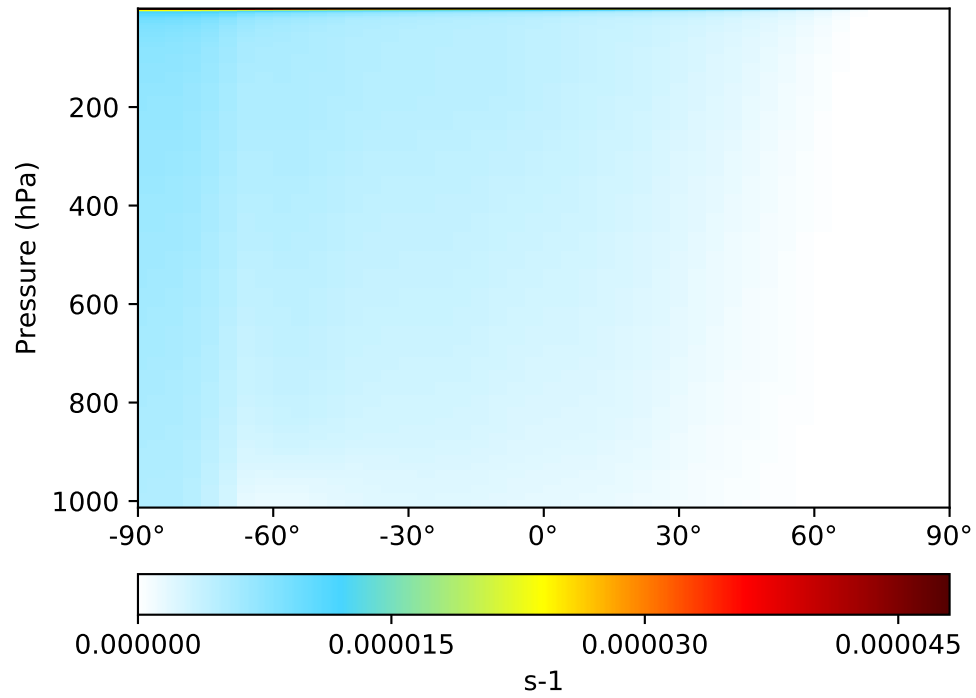


Jval_RB3P, Zonal Mean (Jan2016)

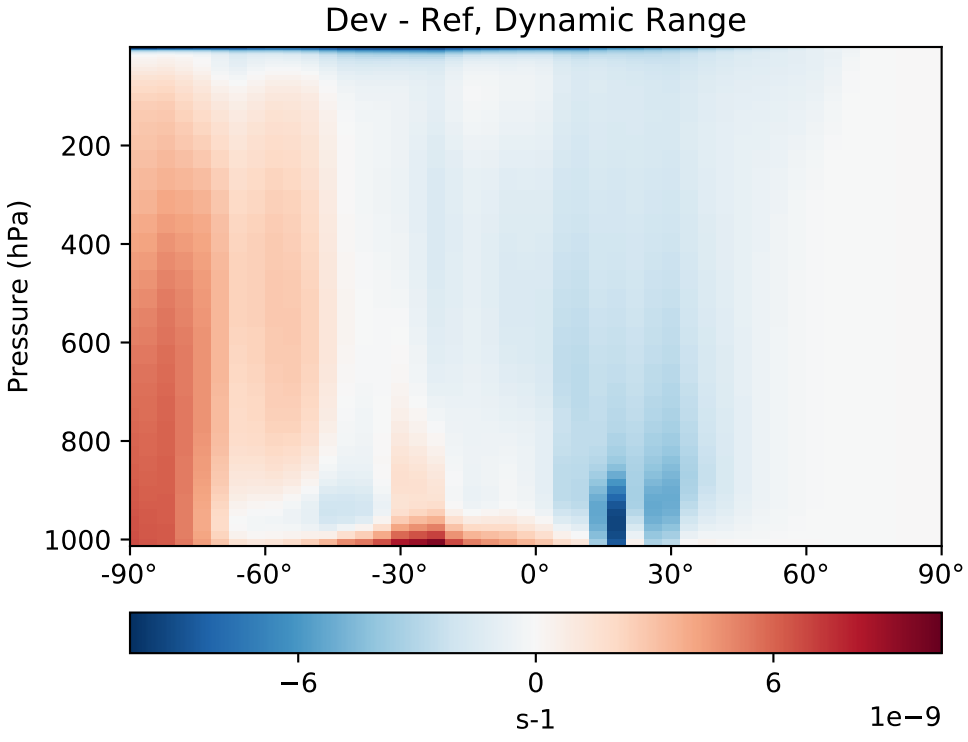
GC_12.6.0 (Ref)
4.0x5.0



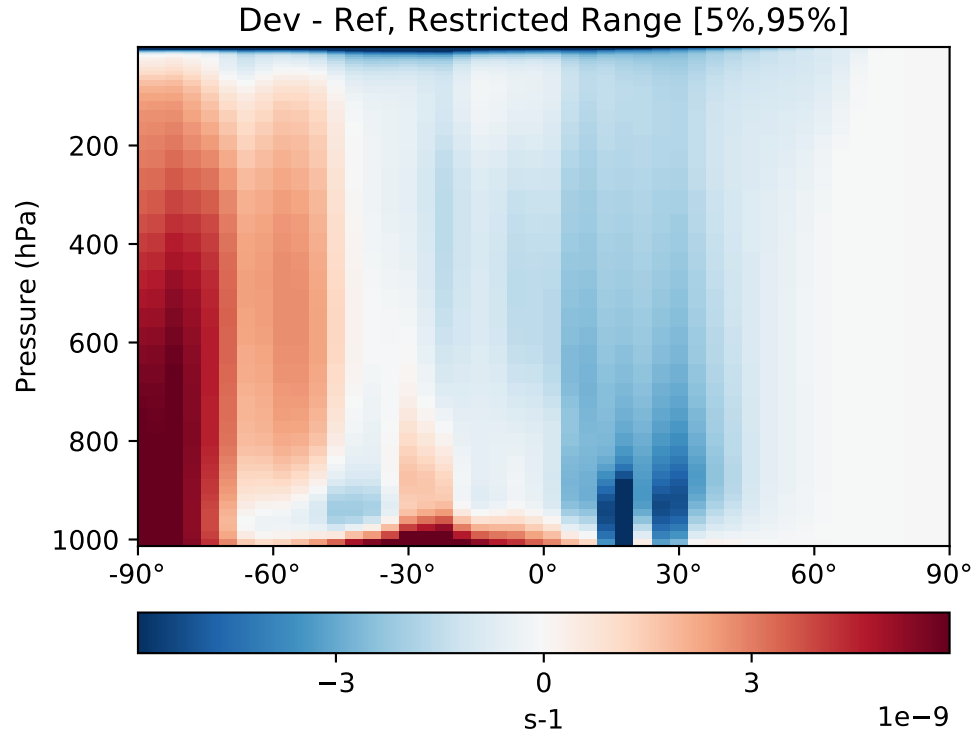
GC_12.8.0 (Dev)
4.0x5.0



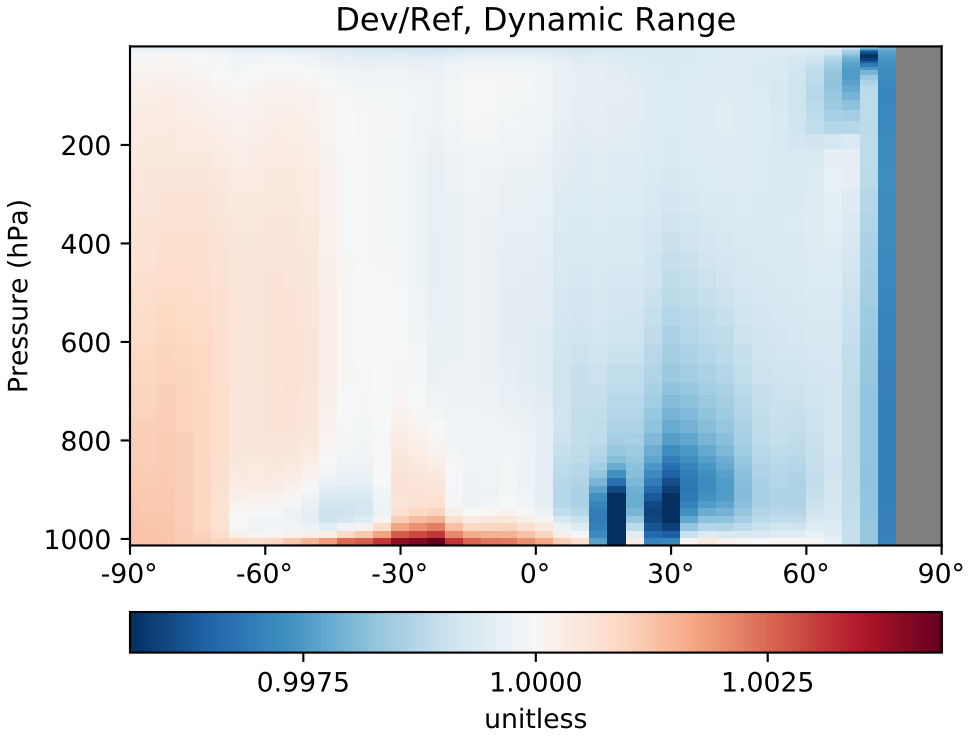
Difference
Dev - Ref, Dynamic Range



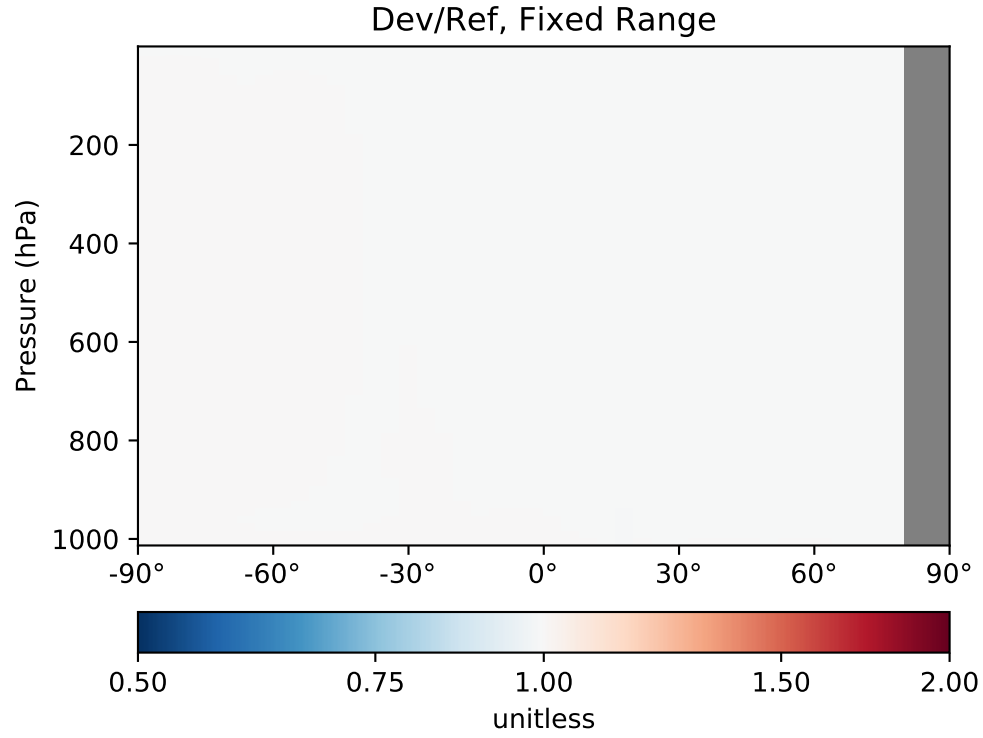
Difference
Dev - Ref, Restricted Range [5%,95%]



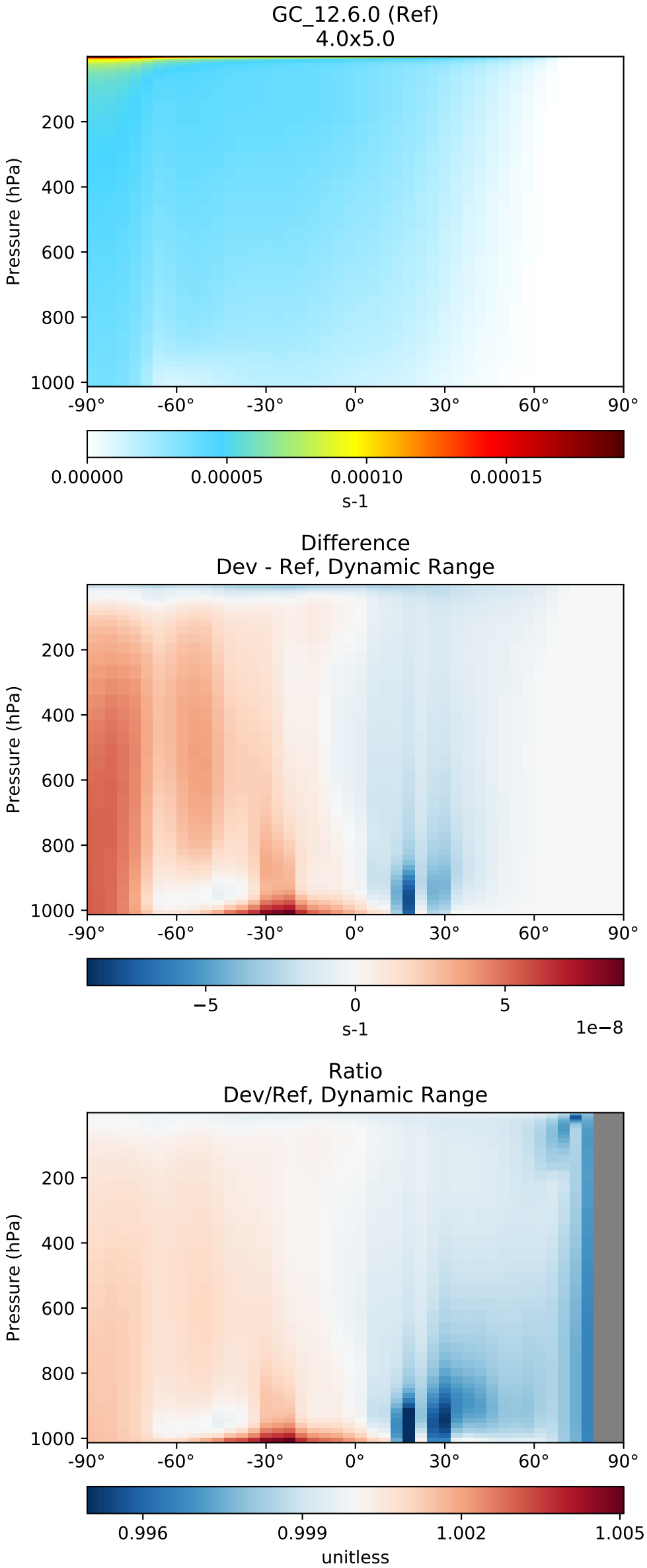
Ratio
Dev/Ref, Dynamic Range

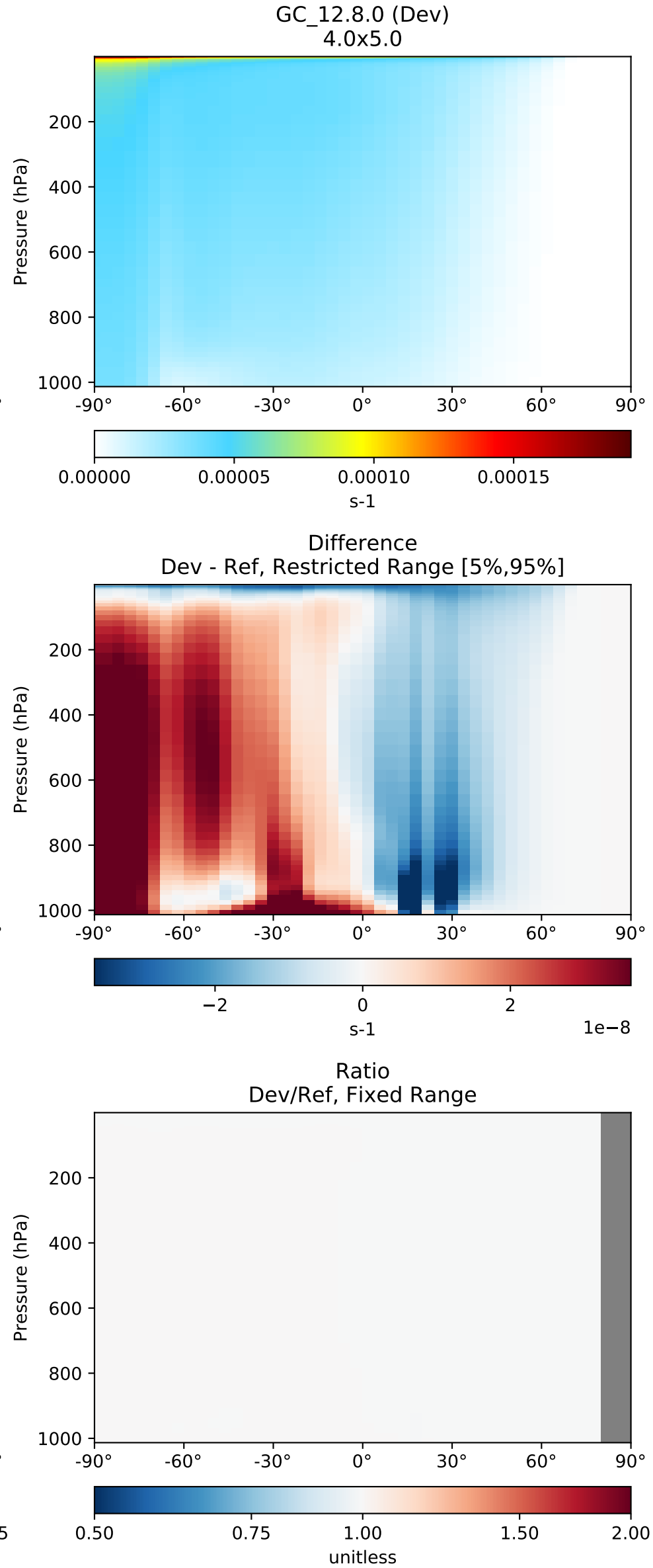


Ratio
Dev/Ref, Fixed Range



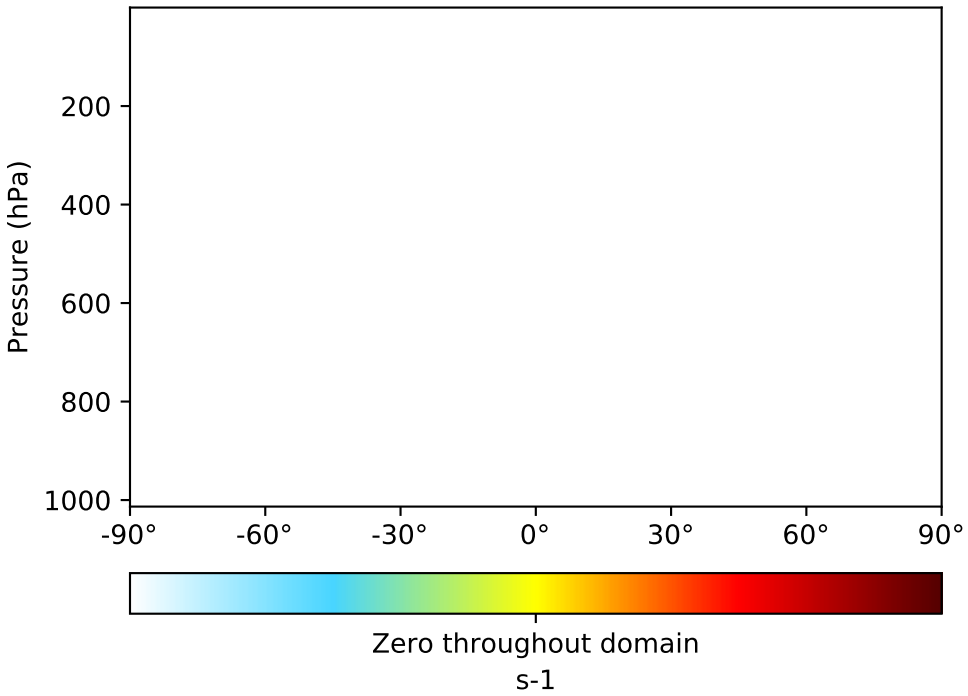
Jval_RCHO, Zonal Mean (Jan2016)



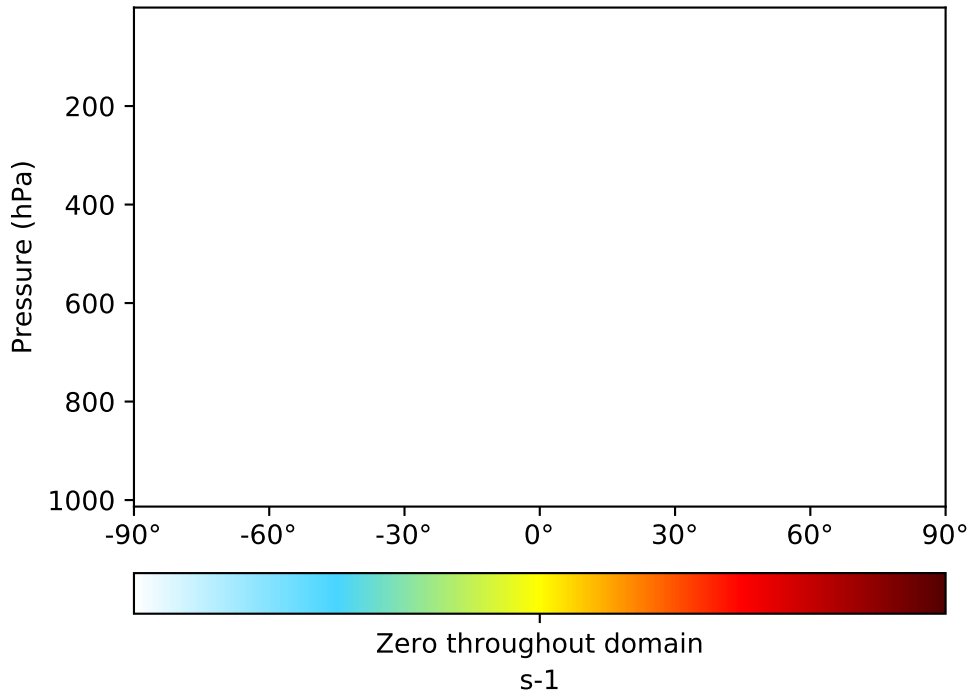


Jval_RIPA, Zonal Mean (Jan2016)

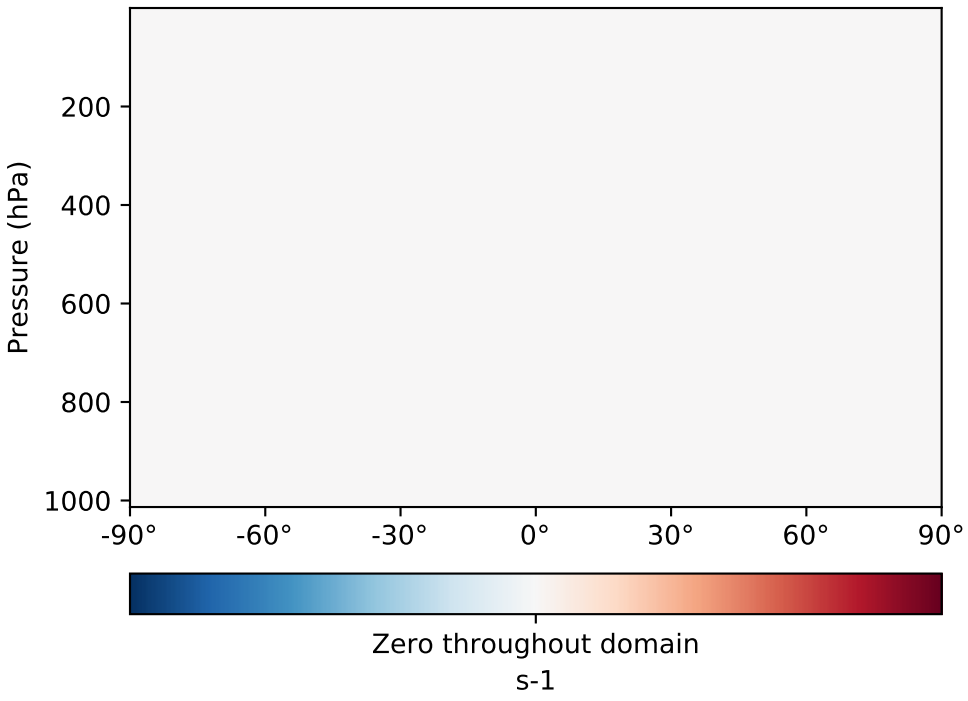
GC_12.6.0 (Ref)
4.0x5.0



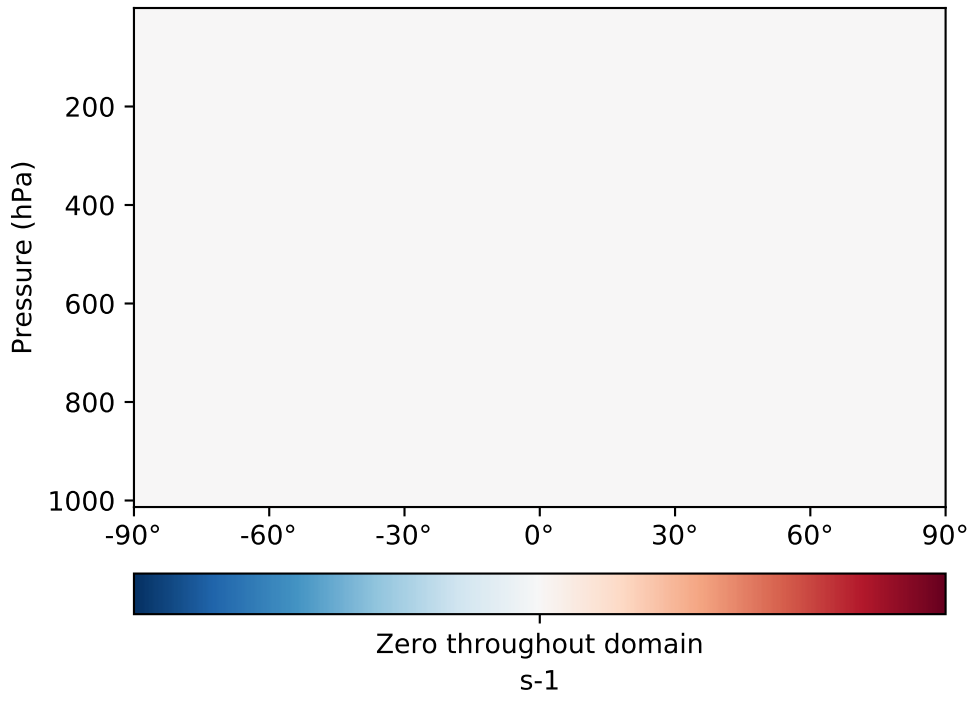
GC_12.8.0 (Dev)
4.0x5.0



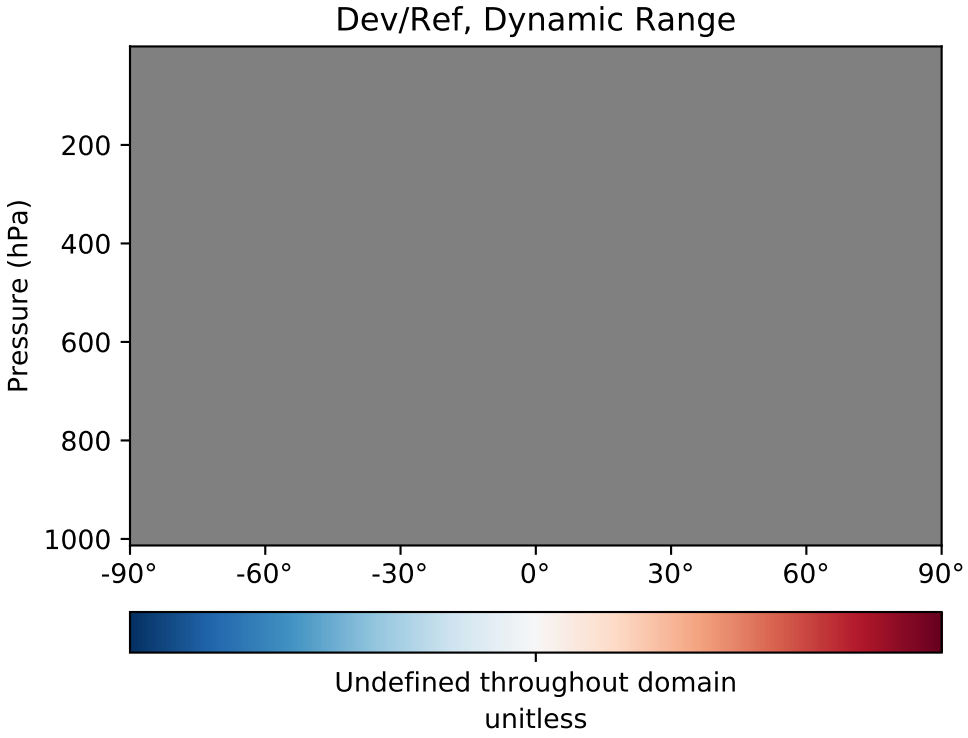
Difference
Dev - Ref, Dynamic Range



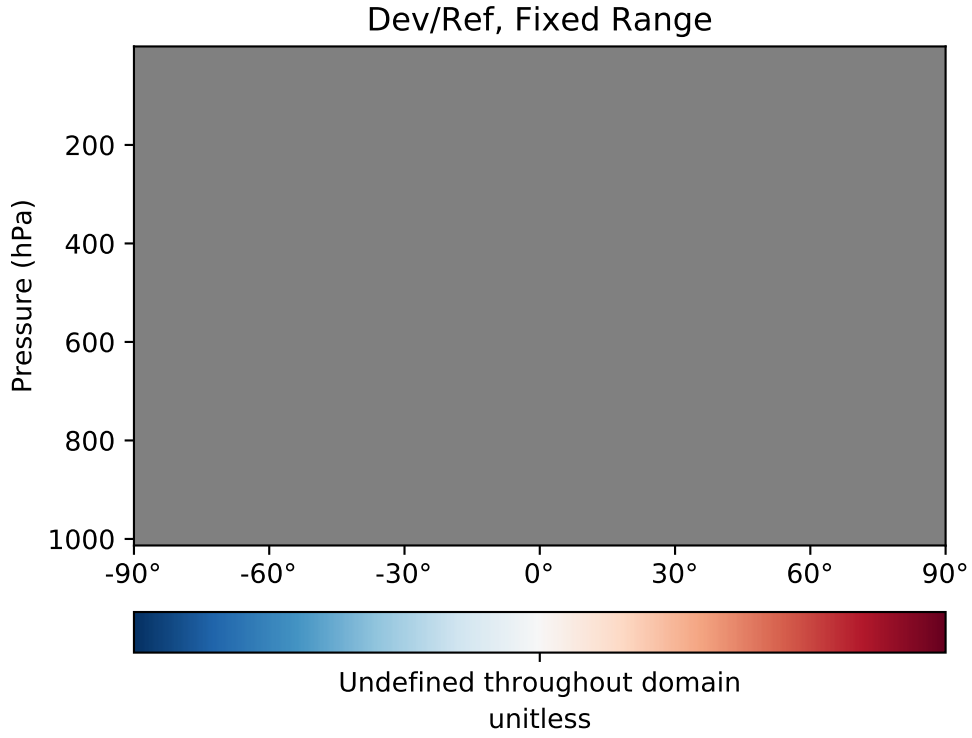
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

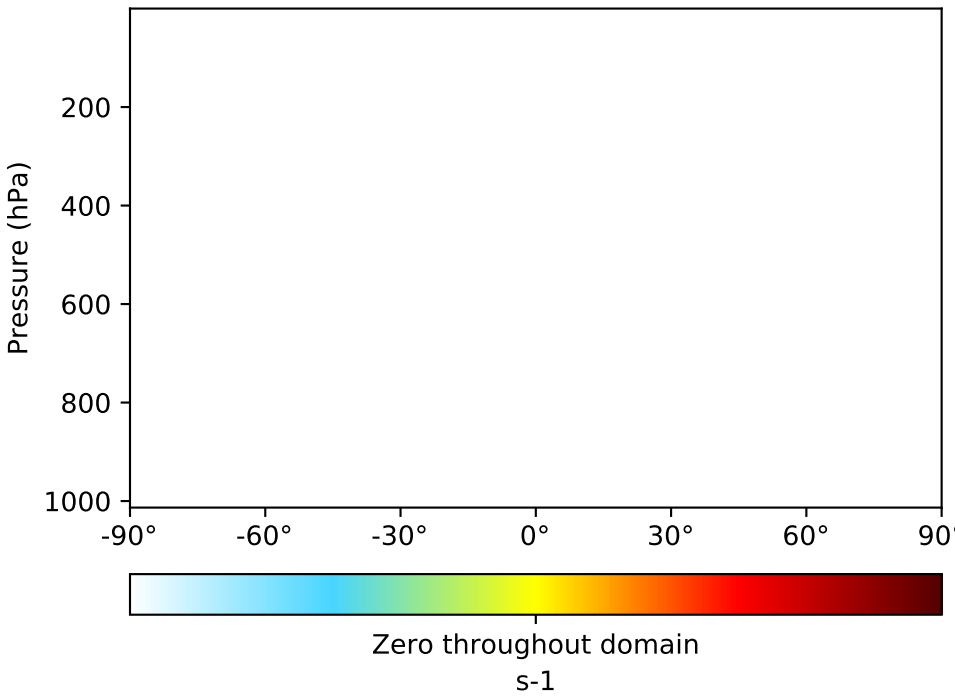


Ratio
Dev/Ref, Fixed Range

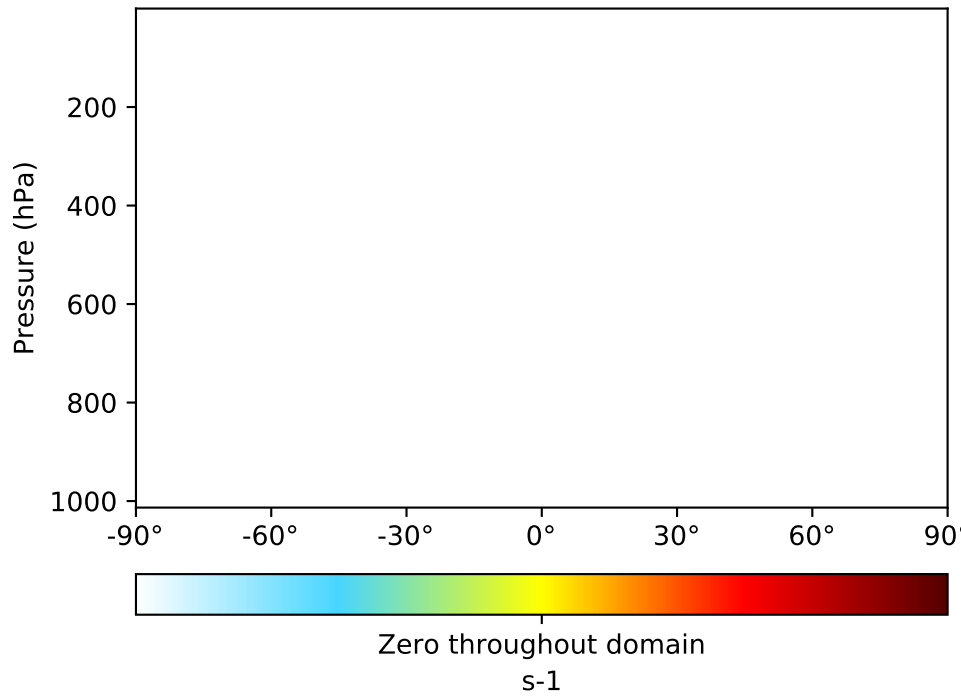


Jval_RIPB, Zonal Mean (Jan2016)

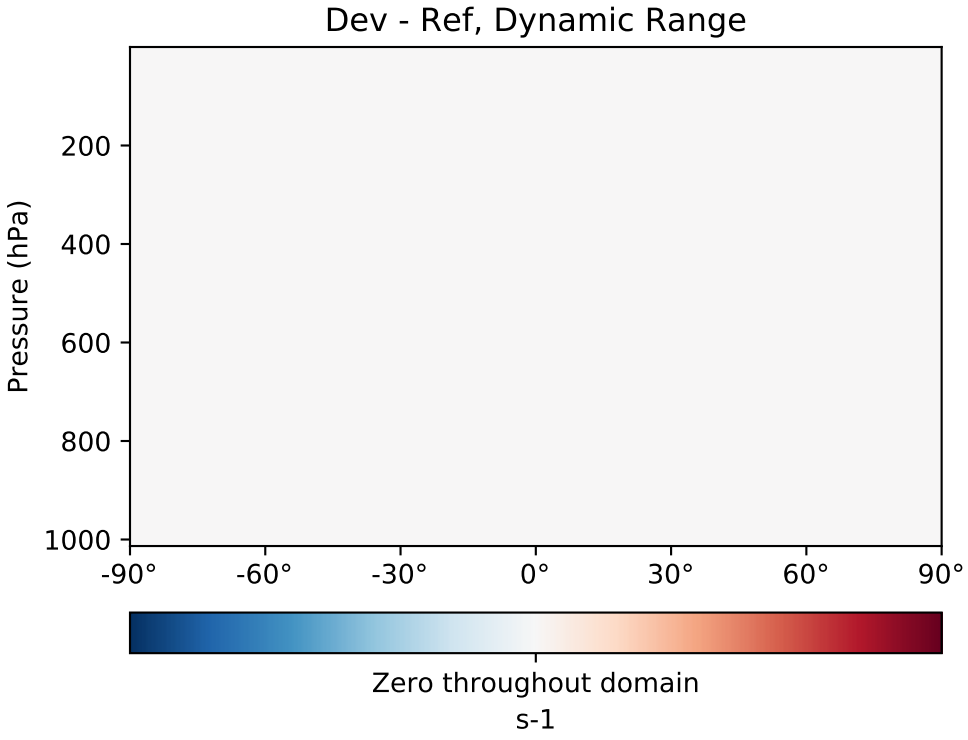
GC_12.6.0 (Ref)
4.0x5.0



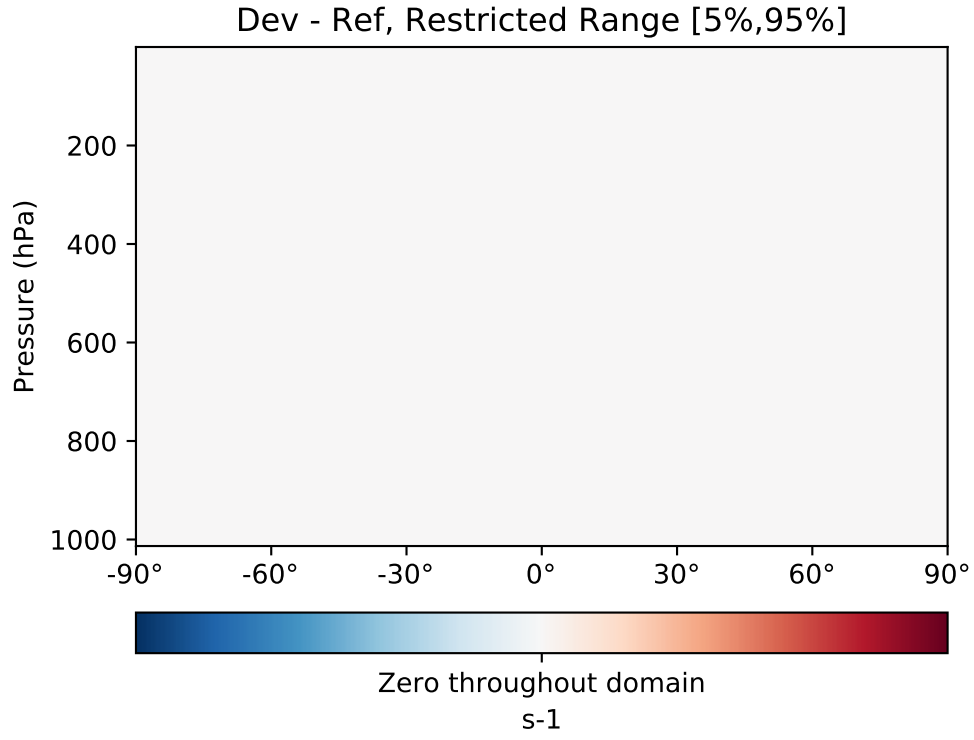
GC_12.8.0 (Dev)
4.0x5.0



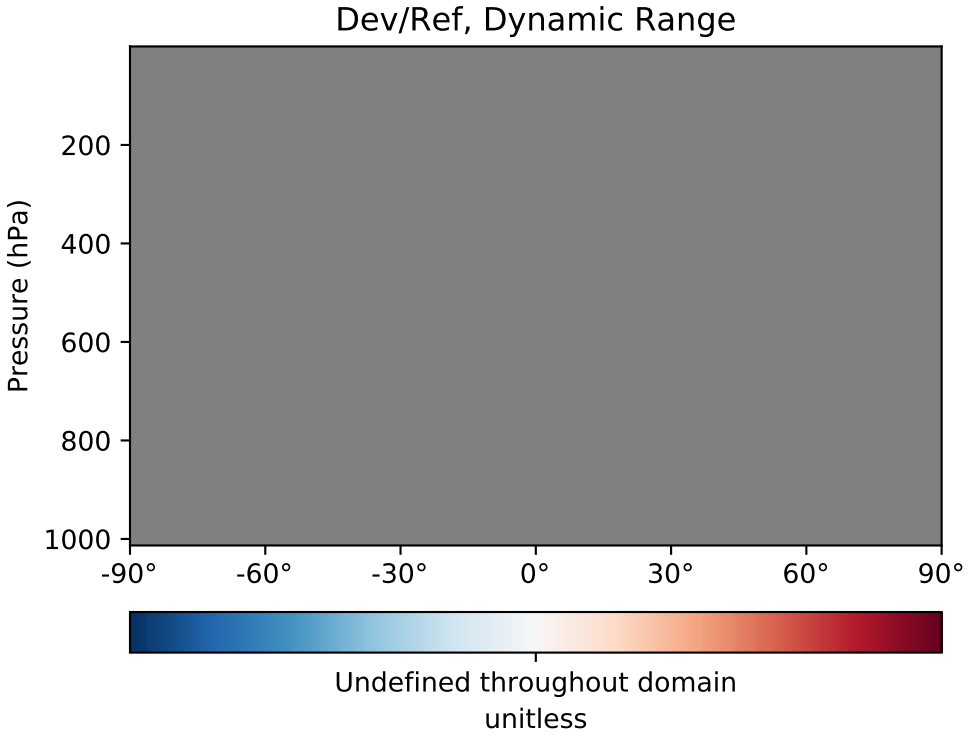
Difference
Dev - Ref, Dynamic Range



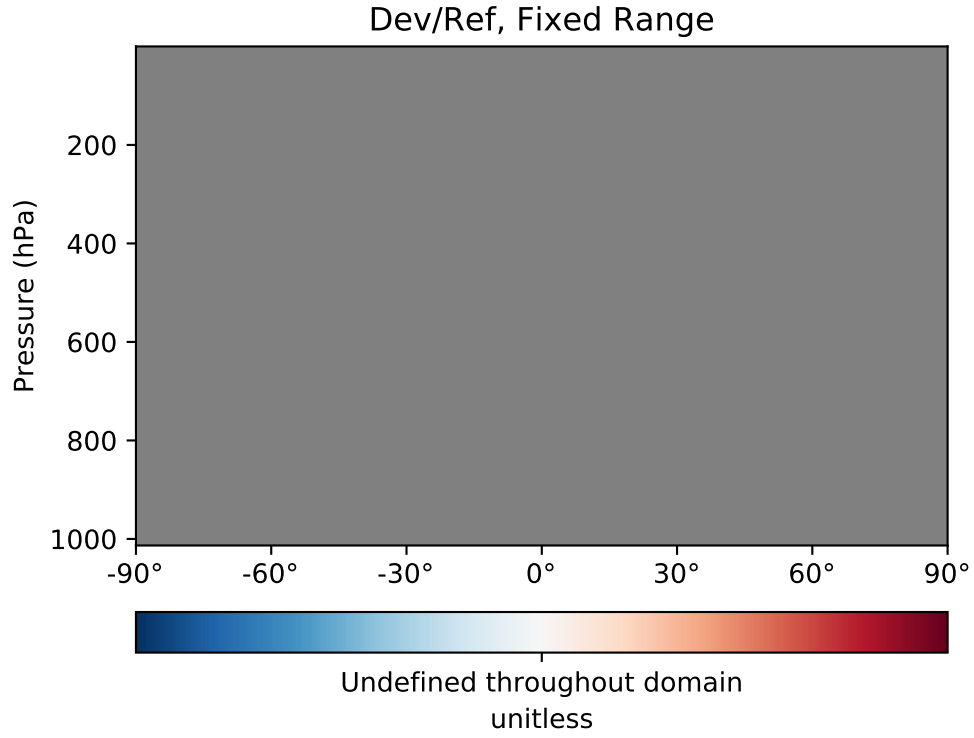
Difference
Dev - Ref, Restricted Range [5%,95%]



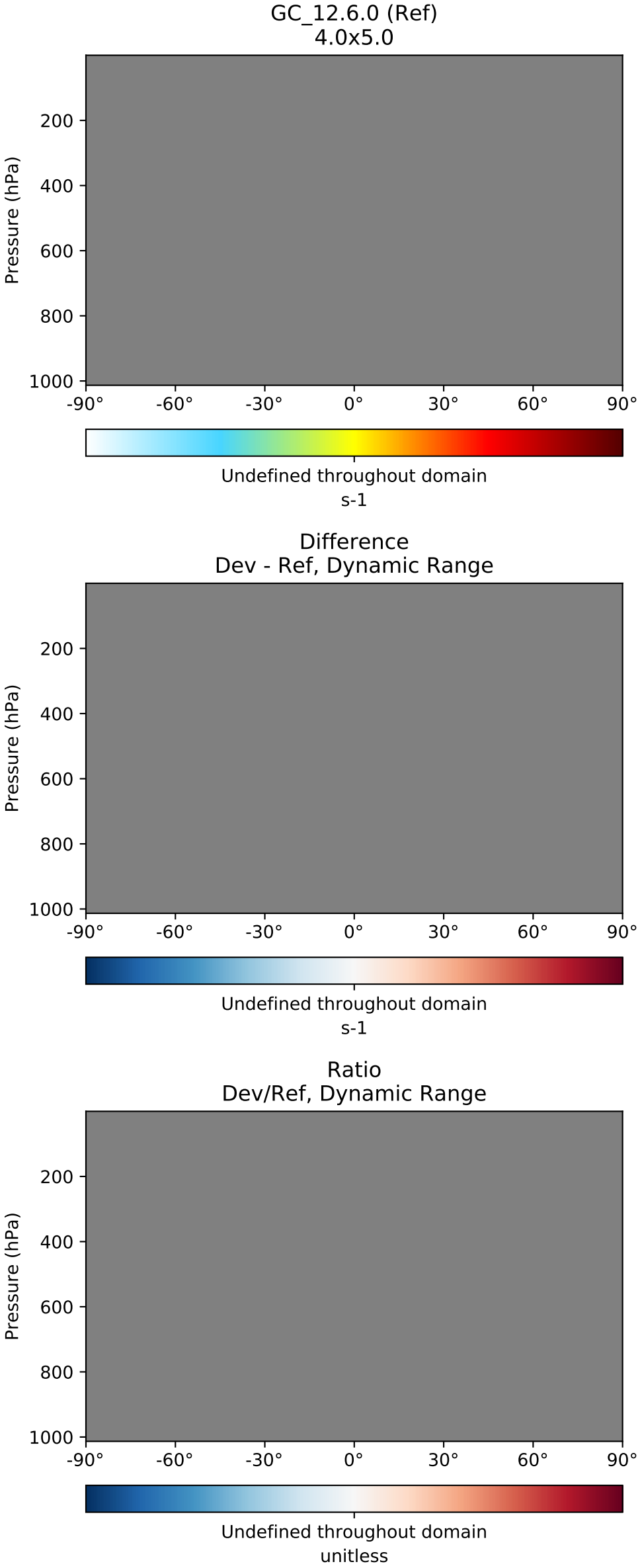
Ratio
Dev/Ref, Dynamic Range

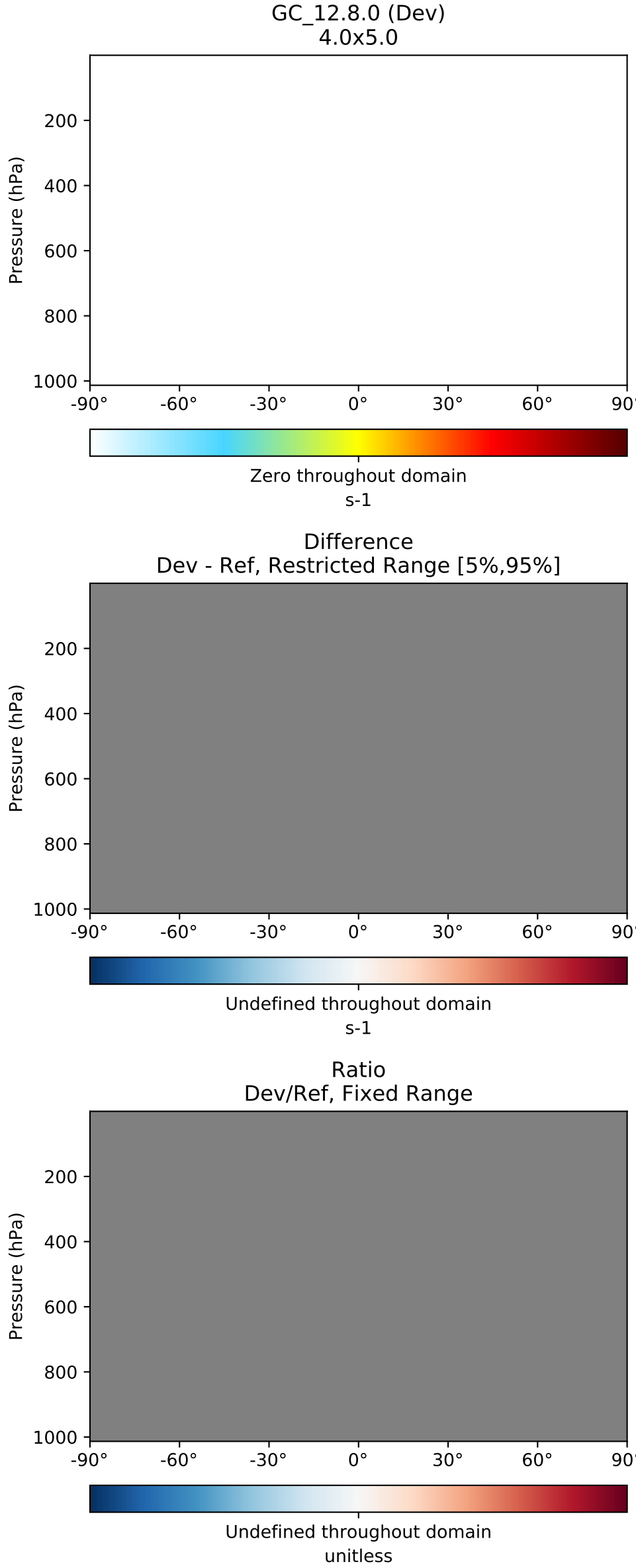


Ratio
Dev/Ref, Fixed Range



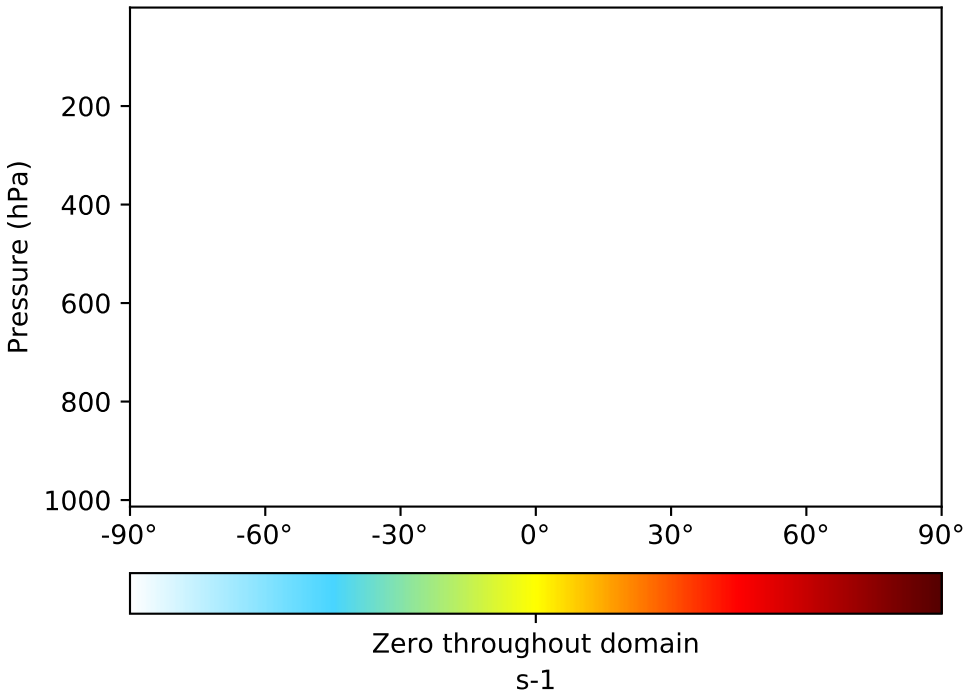
Jval_RIPC, Zonal Mean (Jan2016)



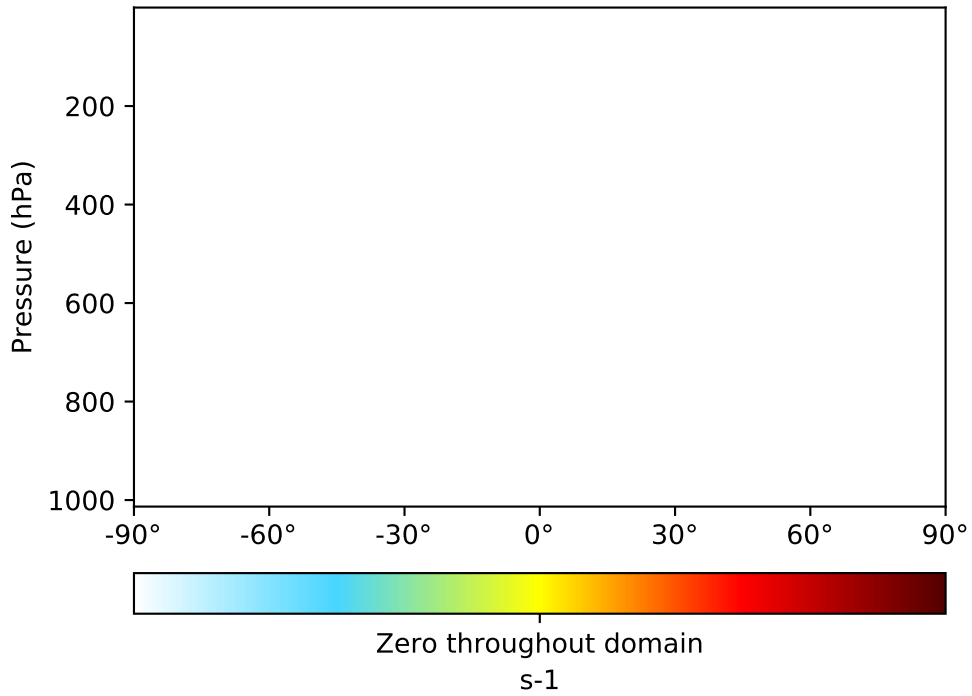


Jval_RIPD, Zonal Mean (Jan2016)

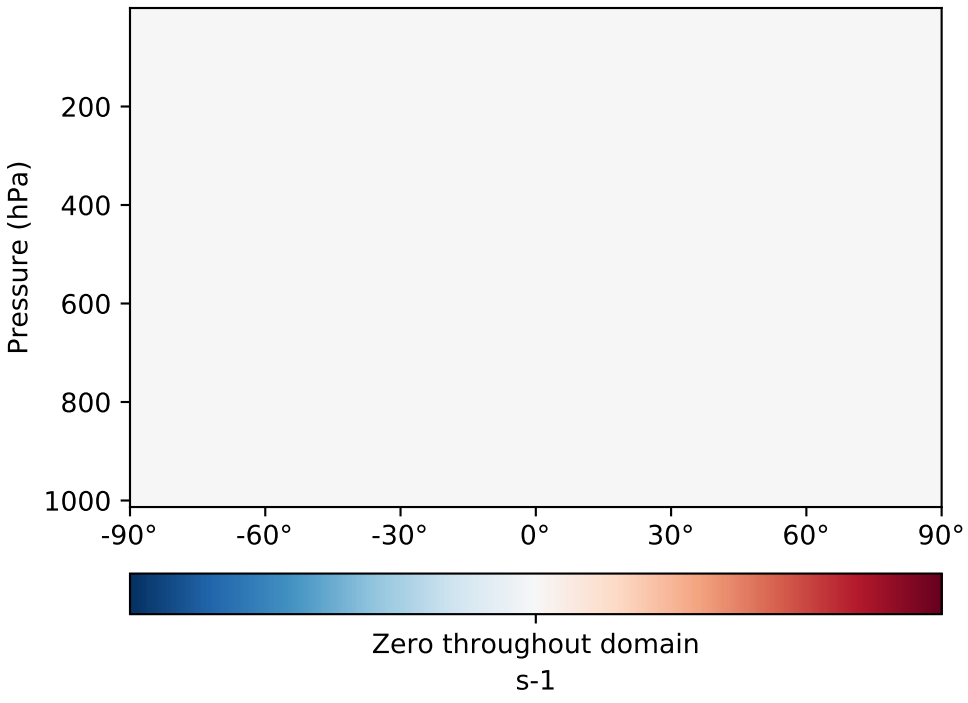
GC_12.6.0 (Ref)
4.0x5.0



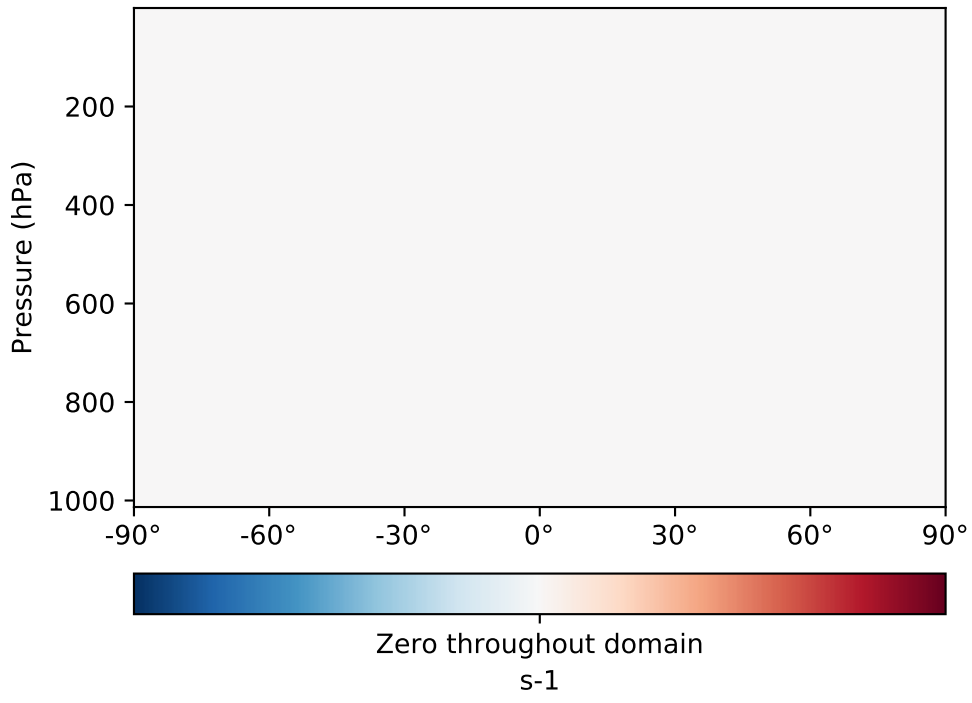
GC_12.8.0 (Dev)
4.0x5.0



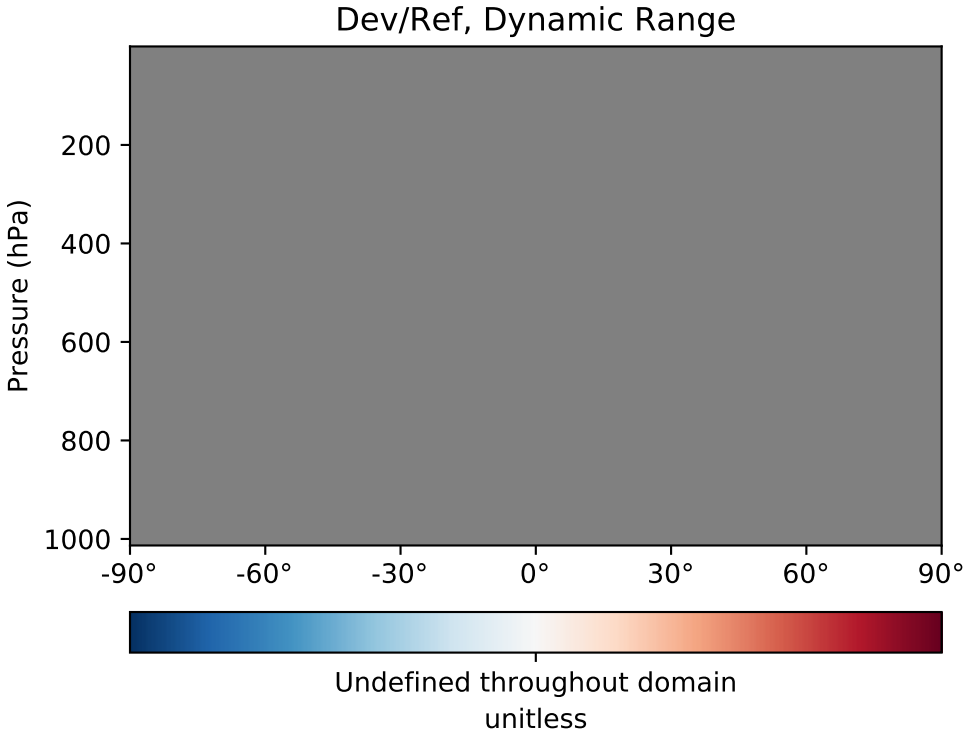
Difference
Dev - Ref, Dynamic Range



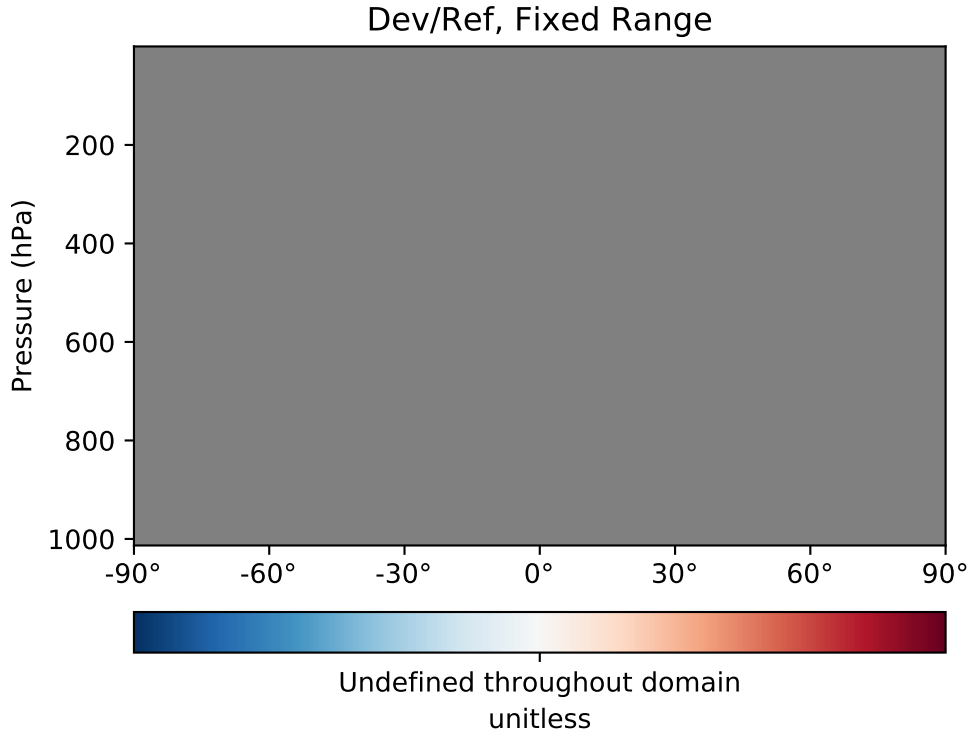
Difference
Dev - Ref, Restricted Range [5%,95%]



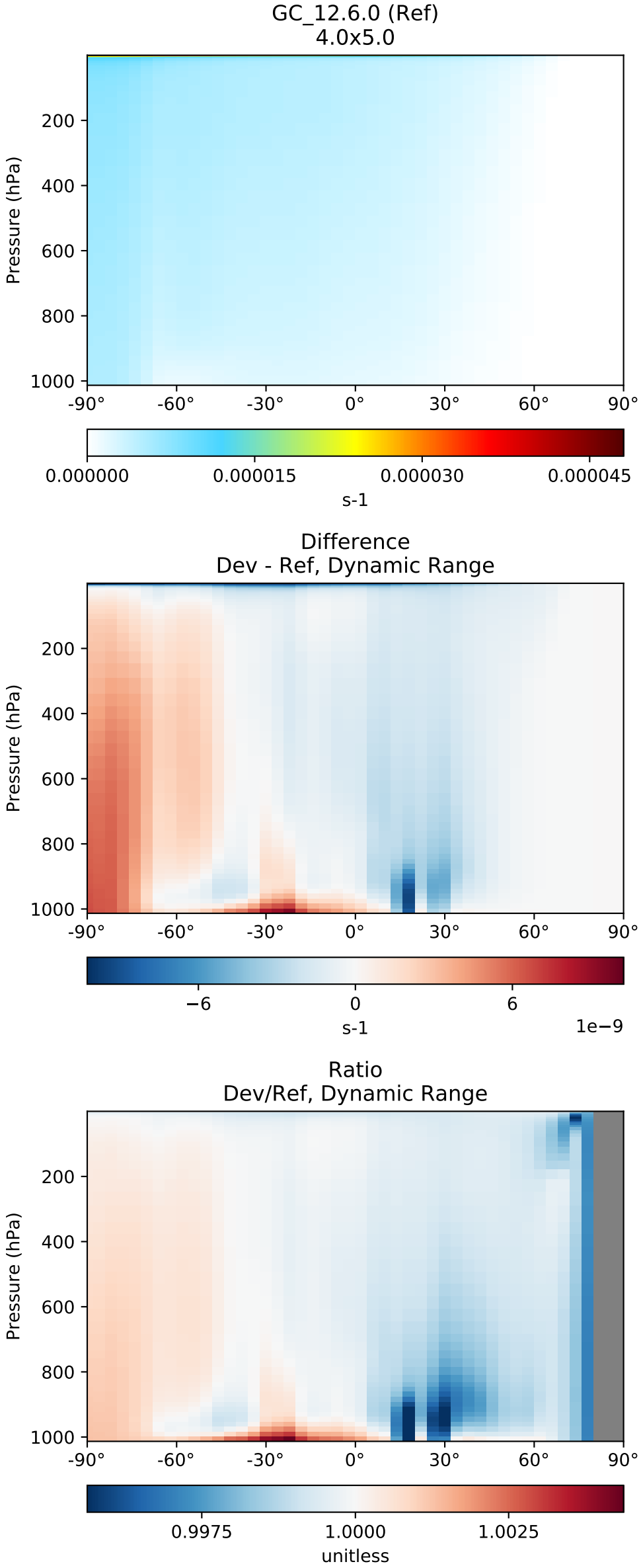
Ratio
Dev/Ref, Dynamic Range

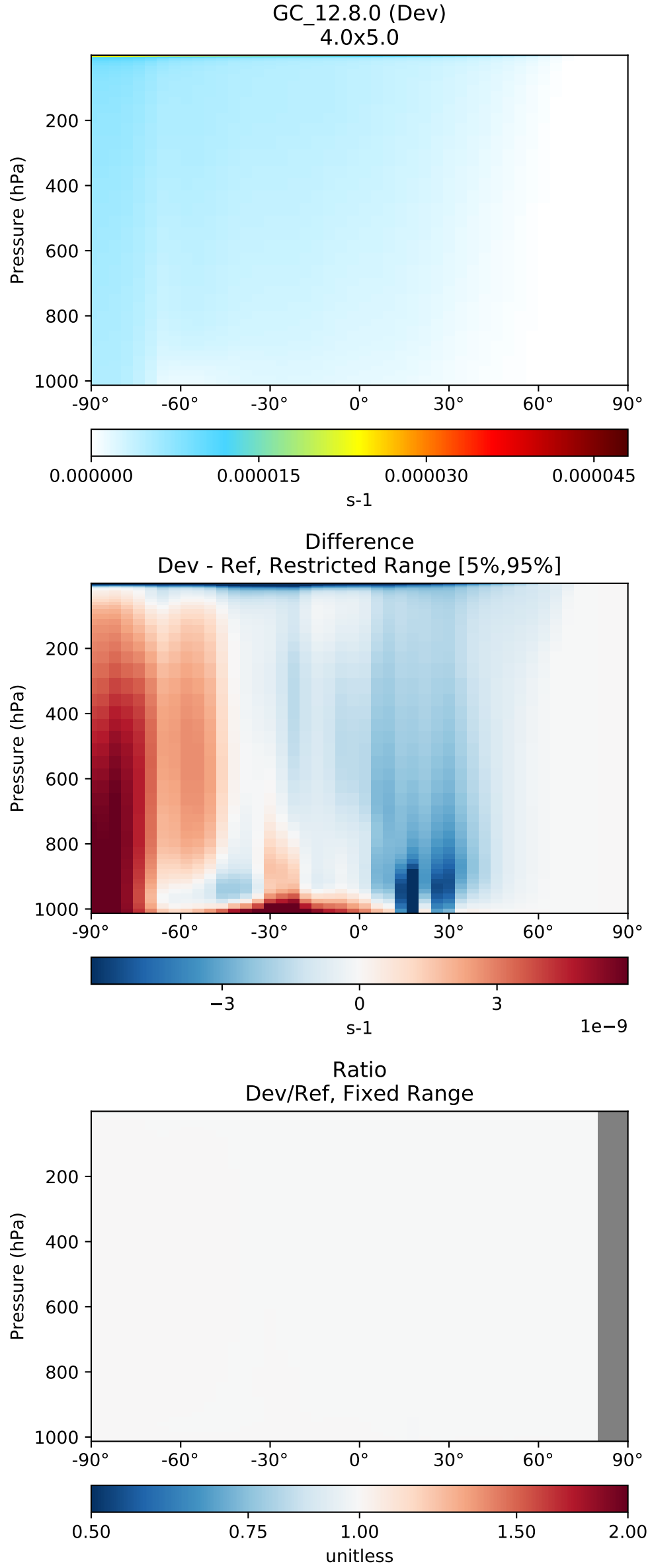


Ratio
Dev/Ref, Fixed Range

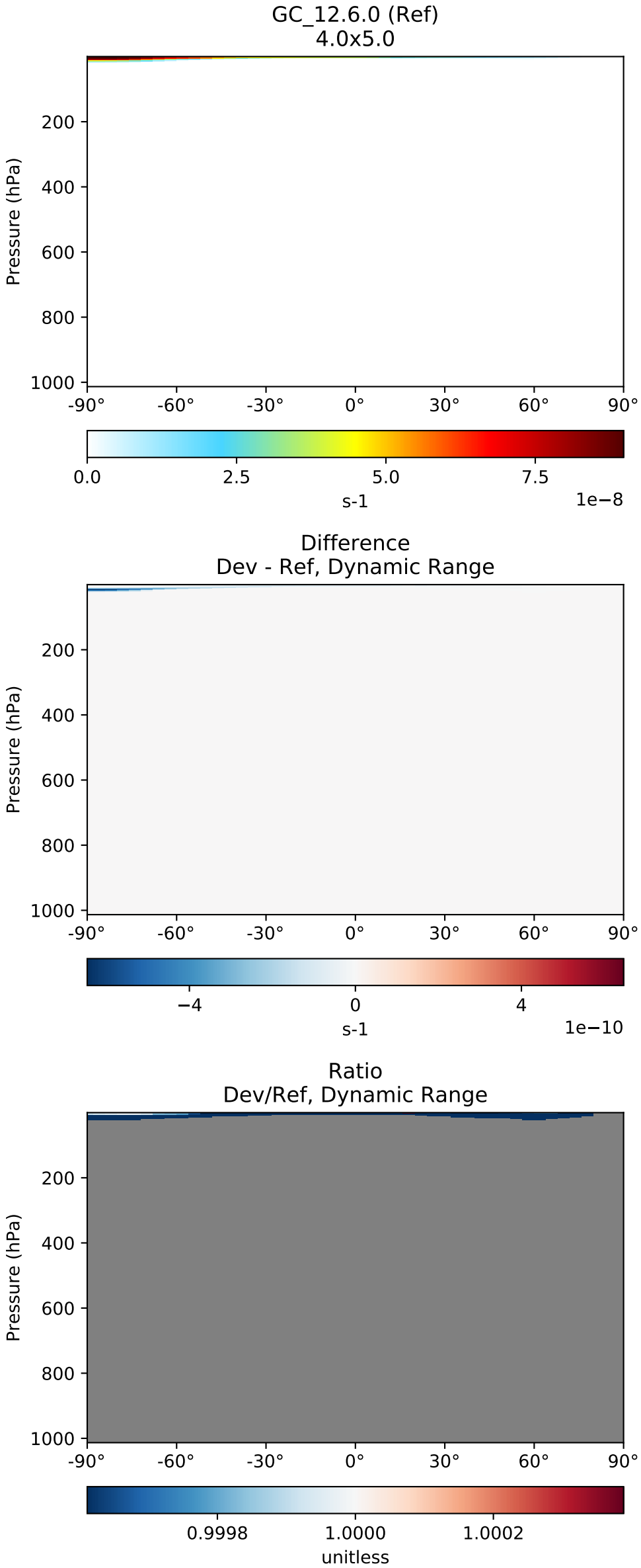


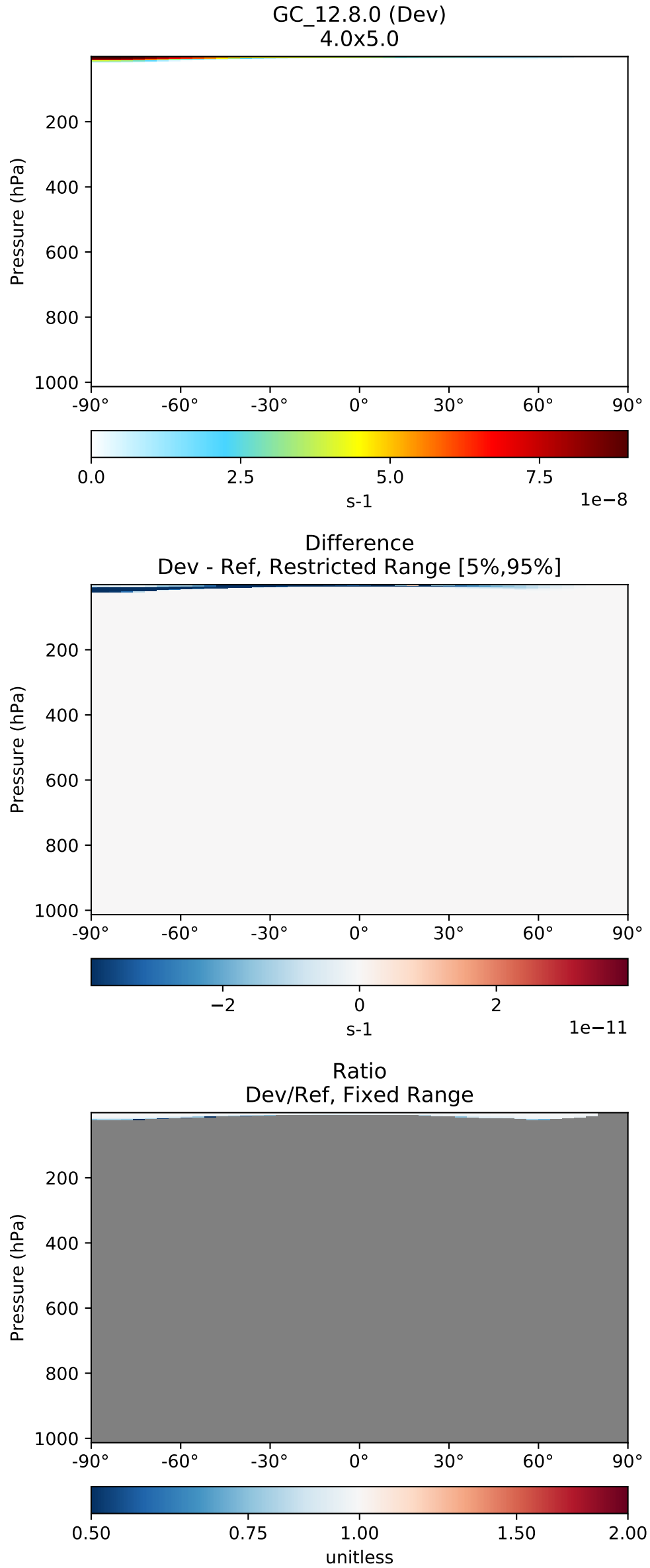
Jval_RP, Zonal Mean (Jan2016)





Jval_SO4, Zonal Mean (Jan2016)





Jval_VRP, Zonal Mean (Jan2016)

