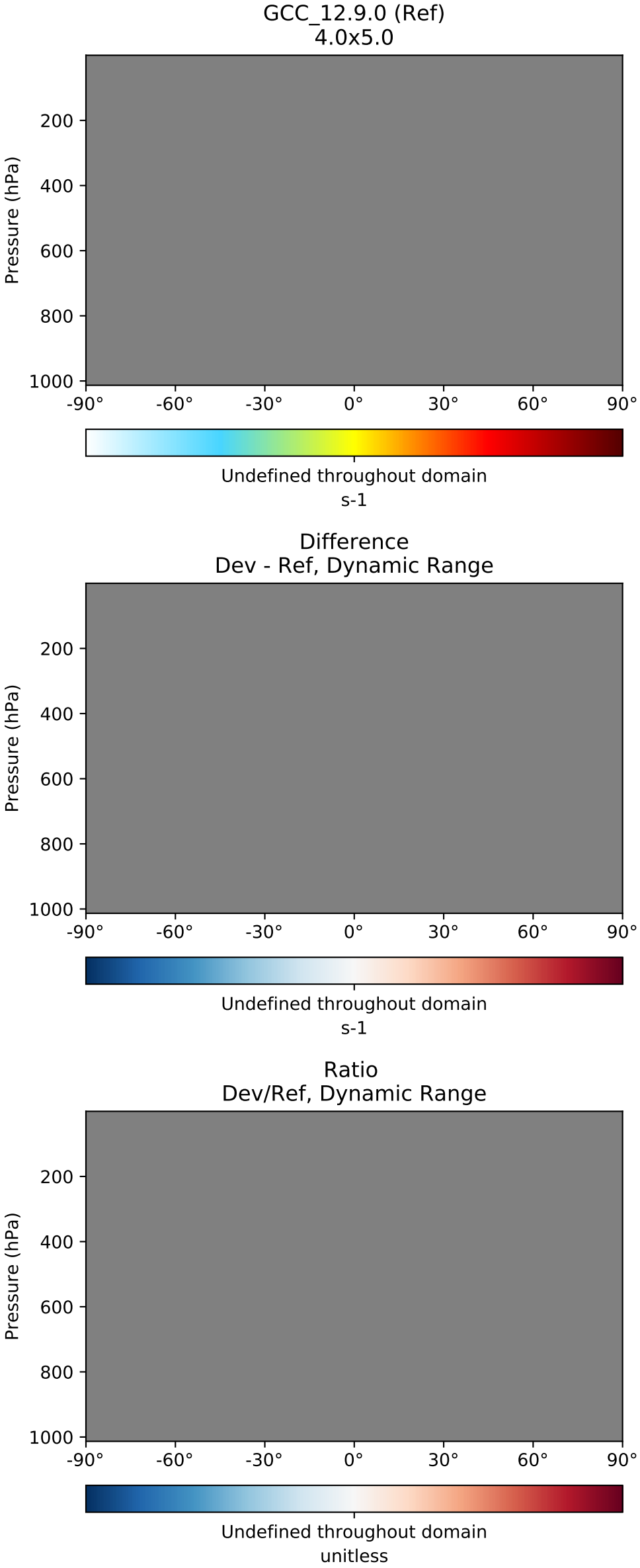
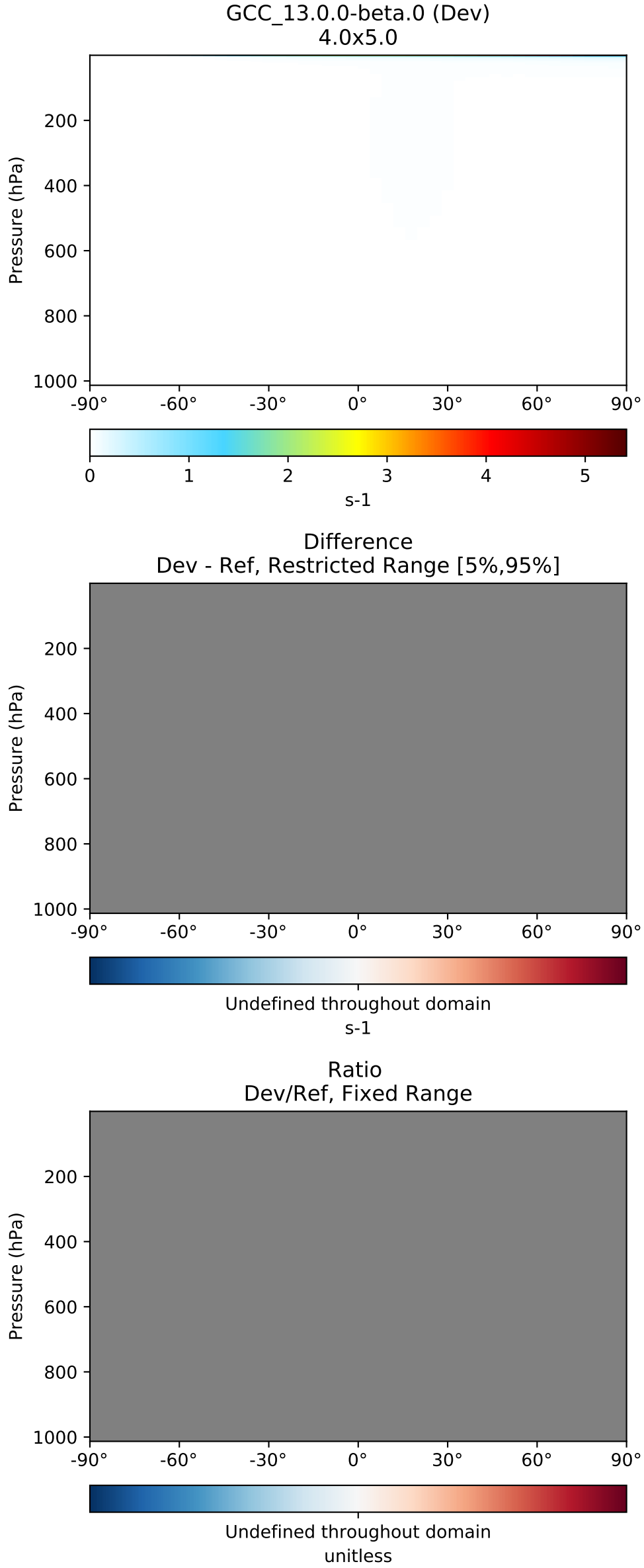
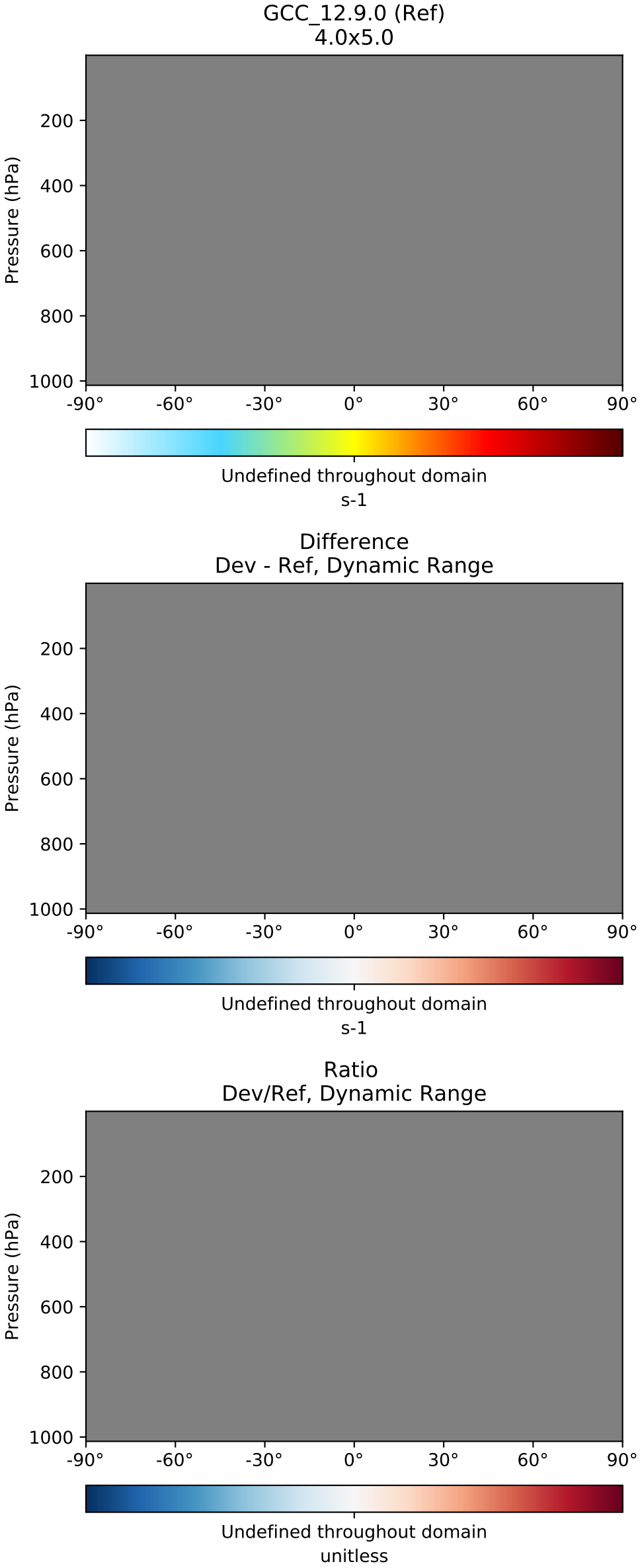
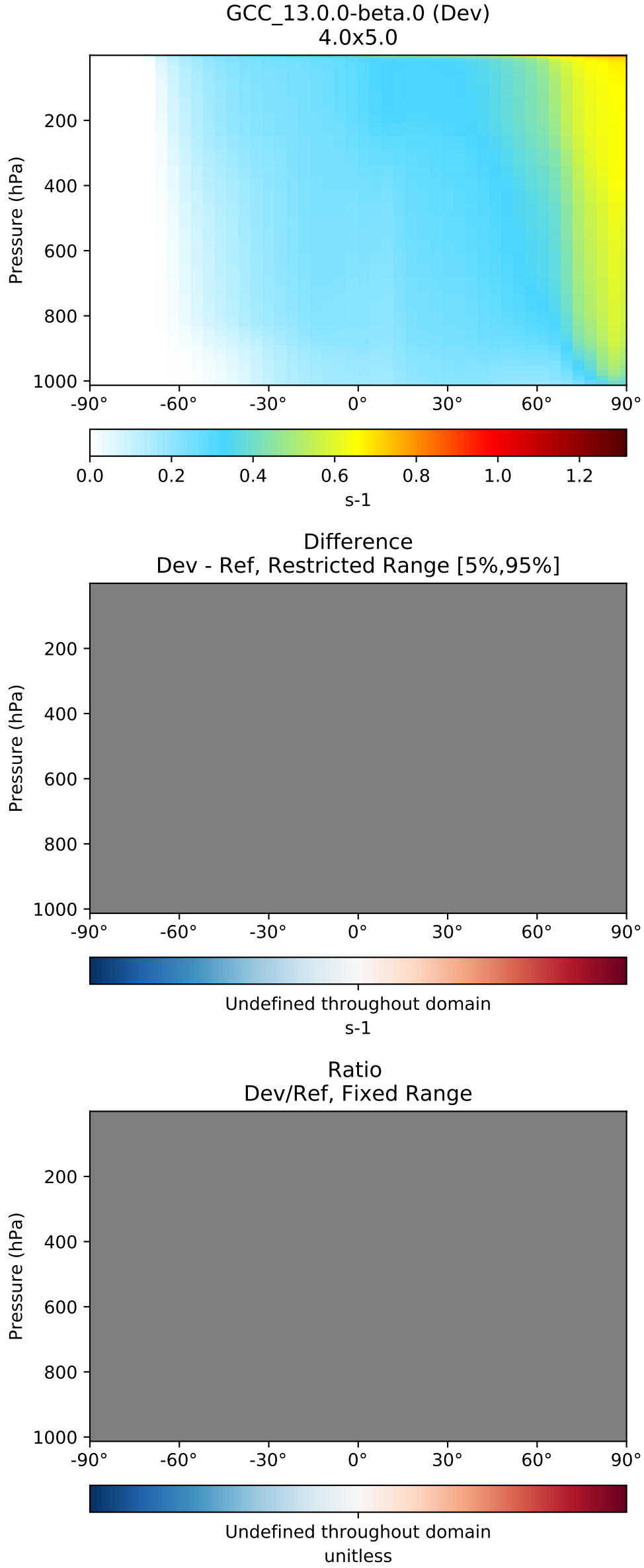
# JvalO3O1D, Zonal Mean



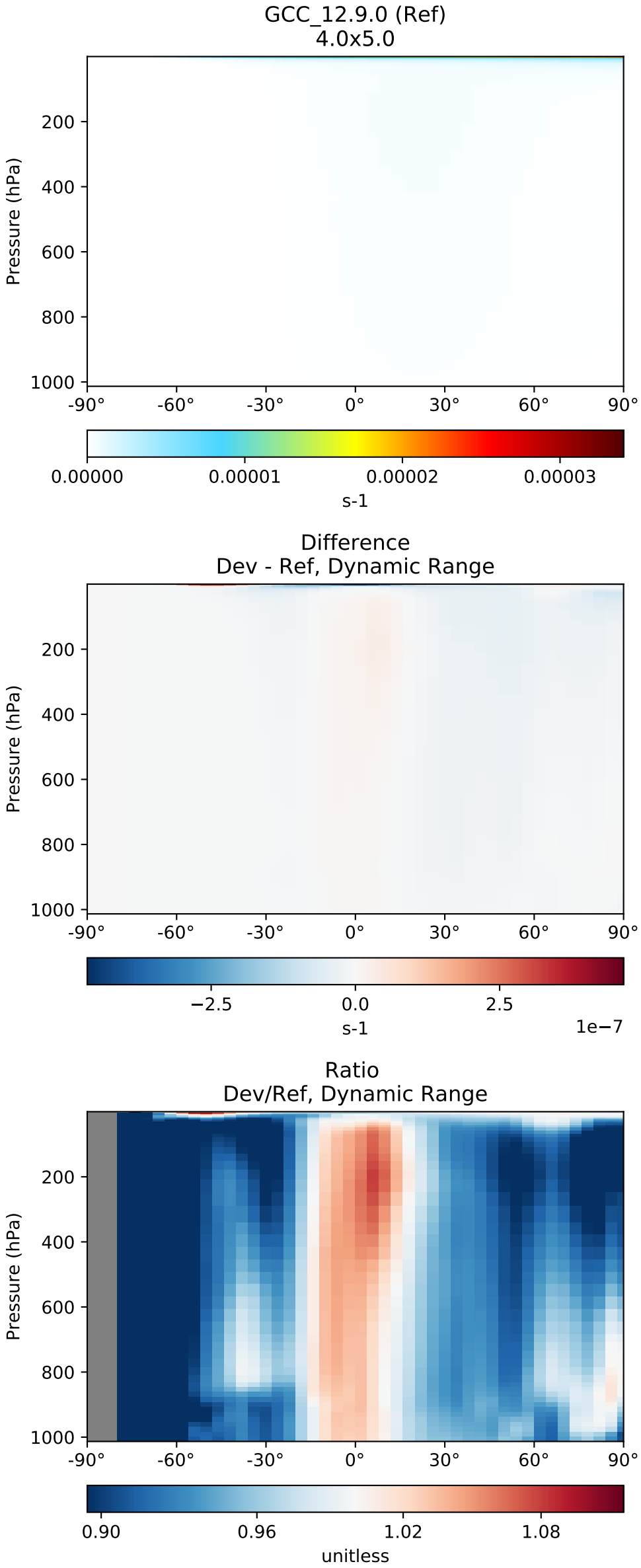



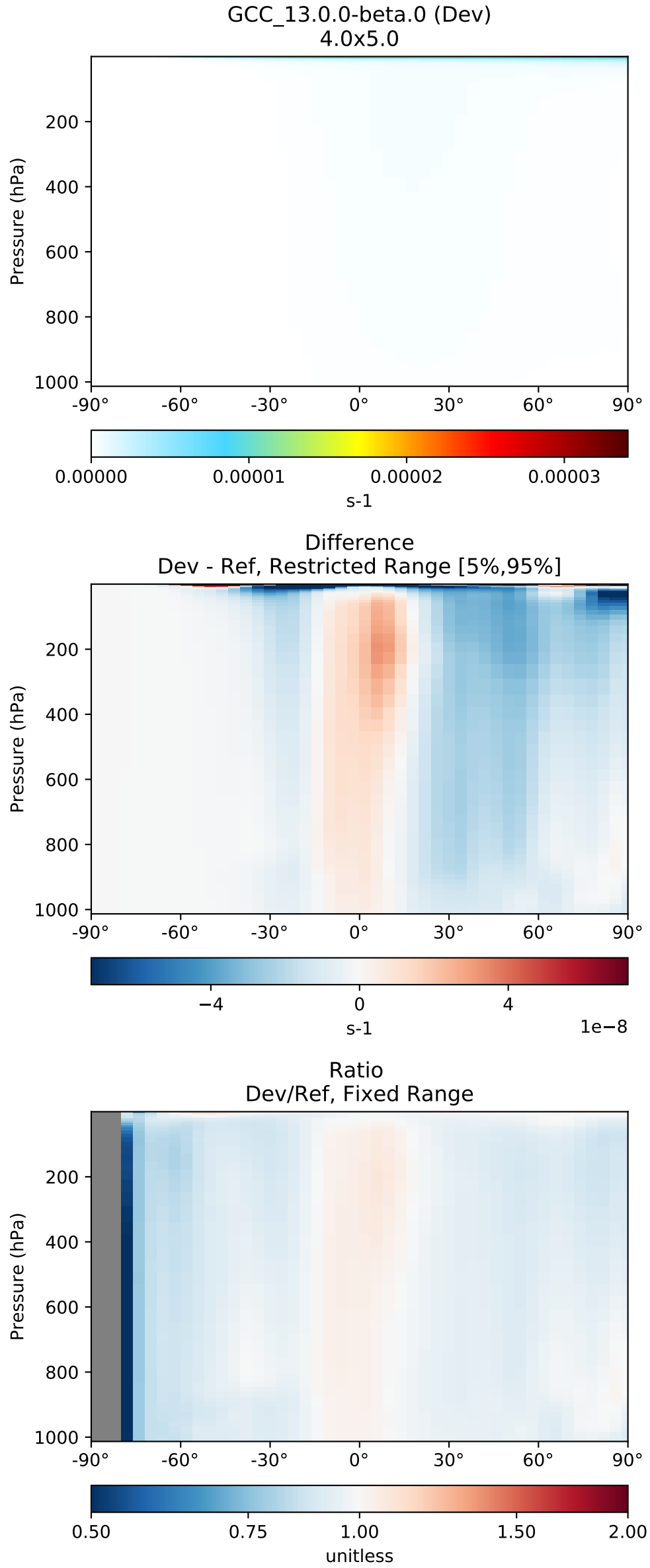
# JvalO3O3P, Zonal Mean



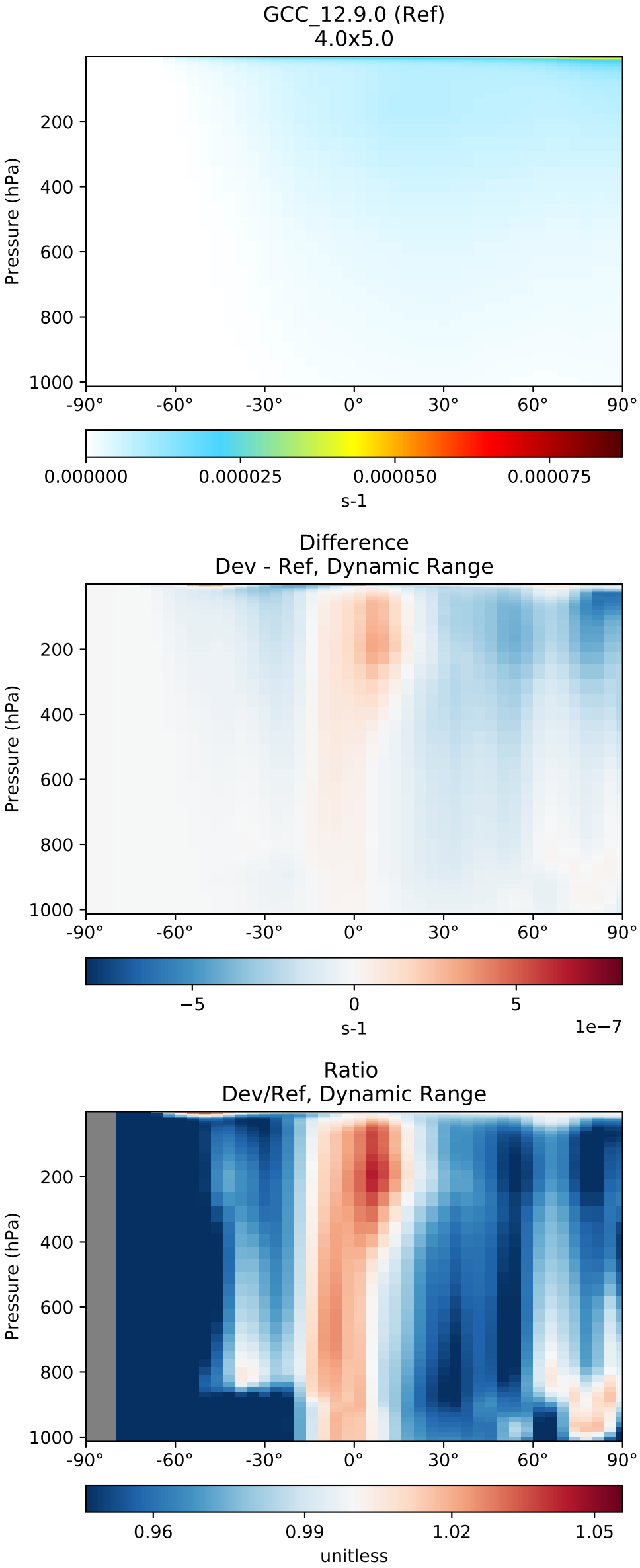



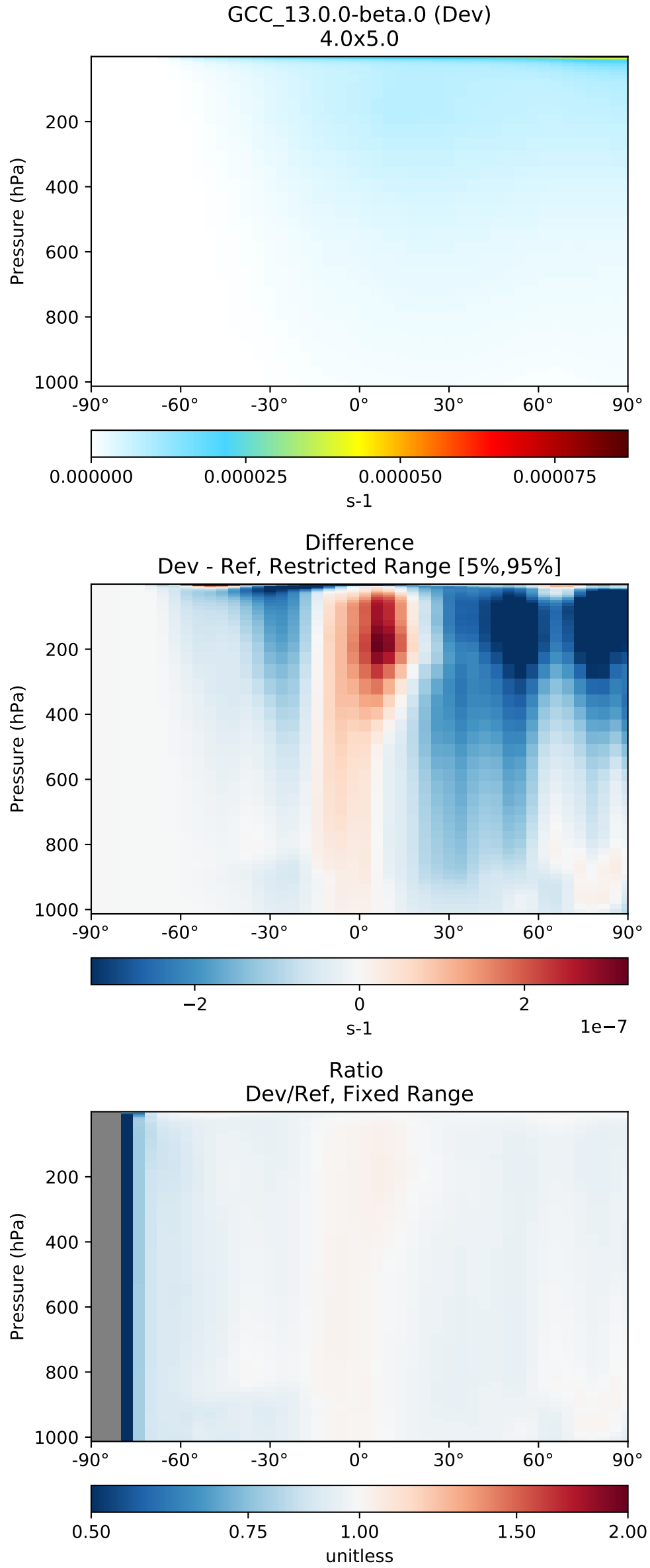
# Jval_ACET, Zonal Mean



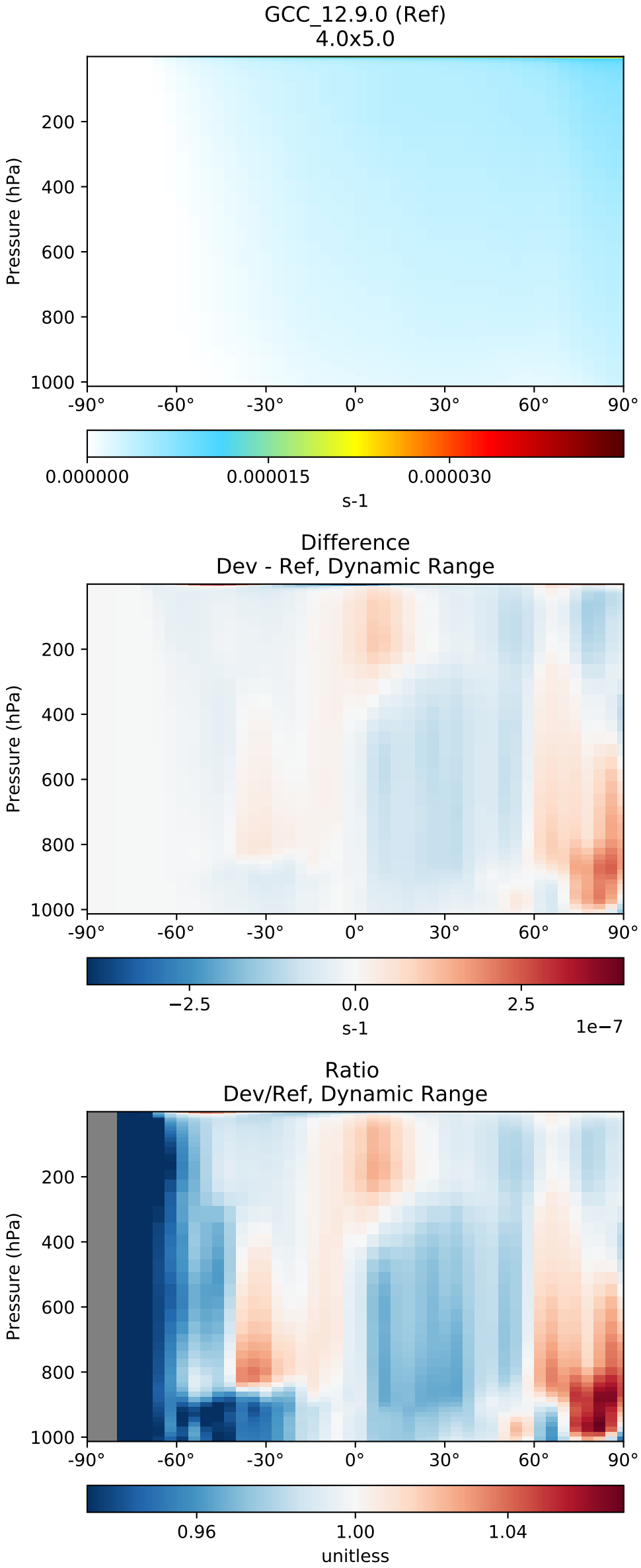



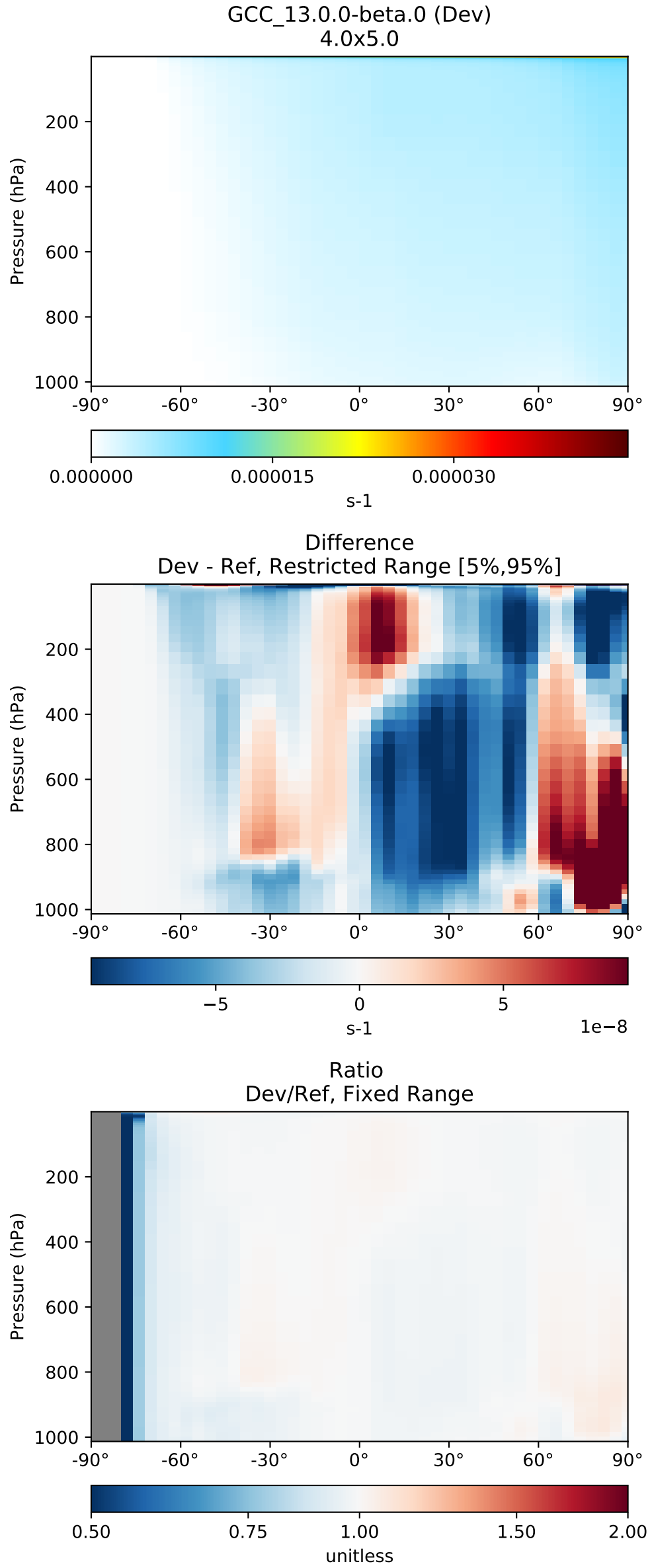
# Jval_ALD2, Zonal Mean



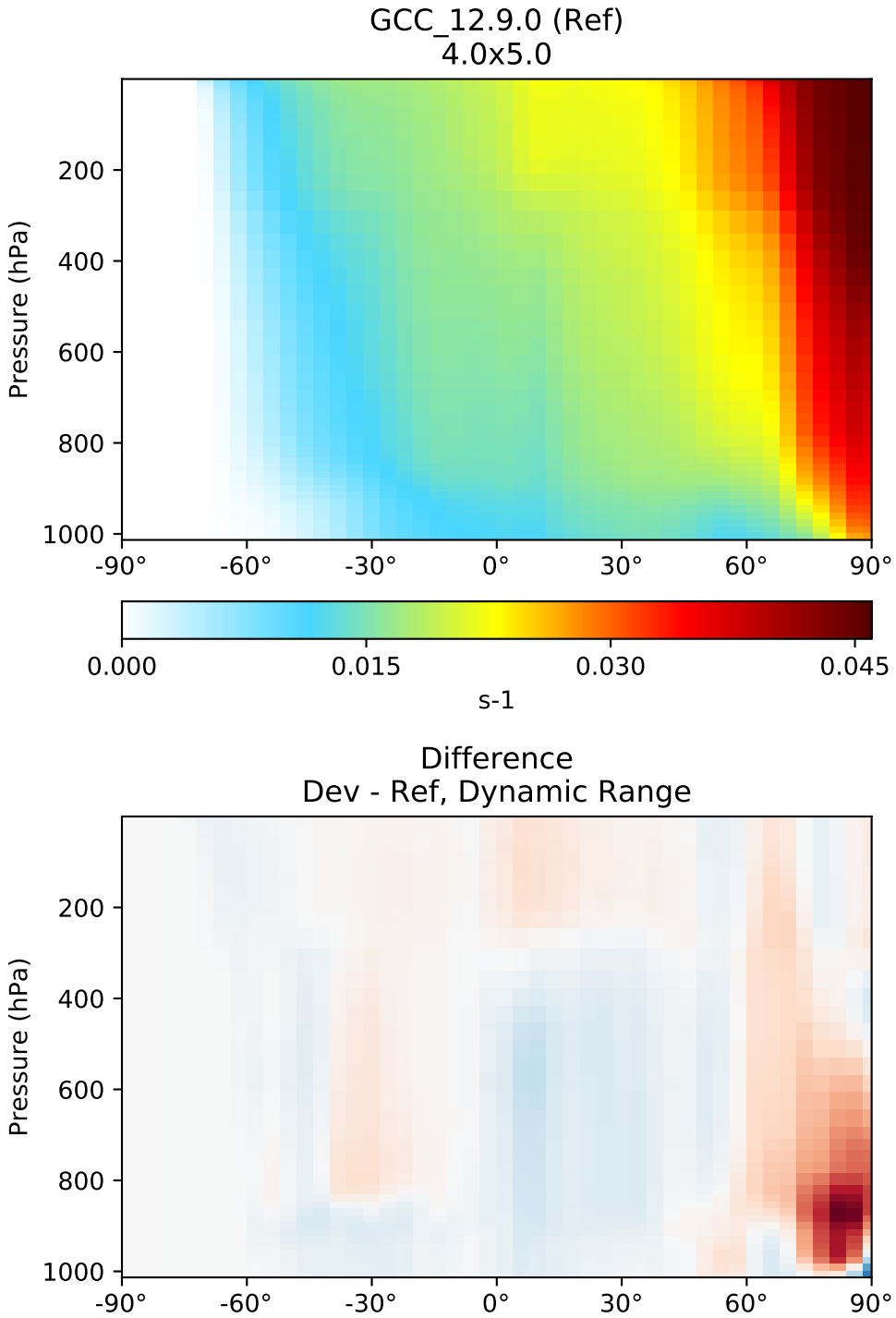



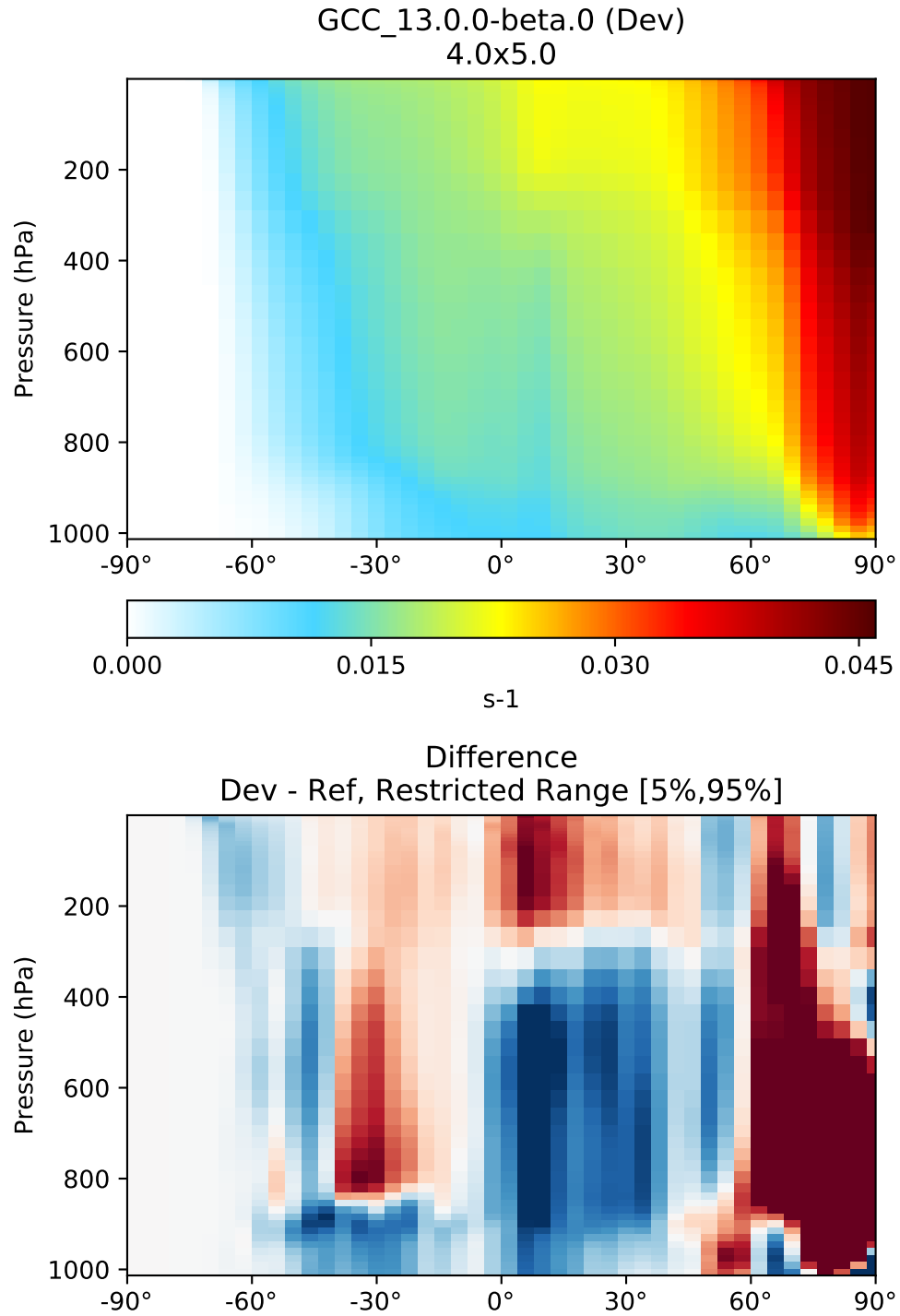
# Jval_ATOOH, Zonal Mean

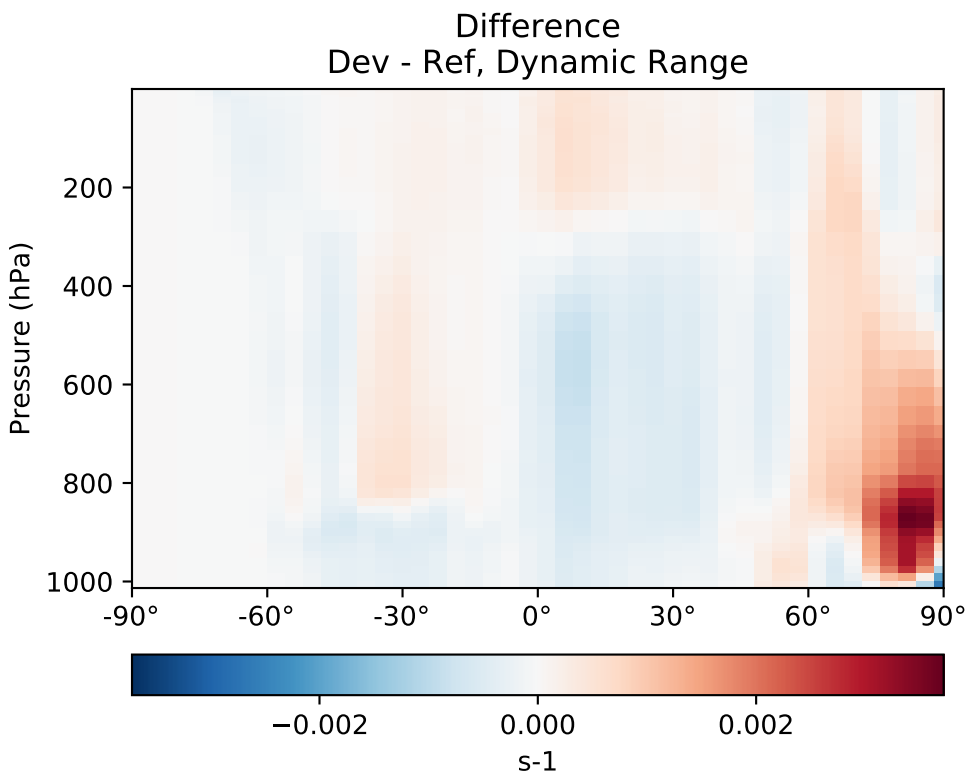


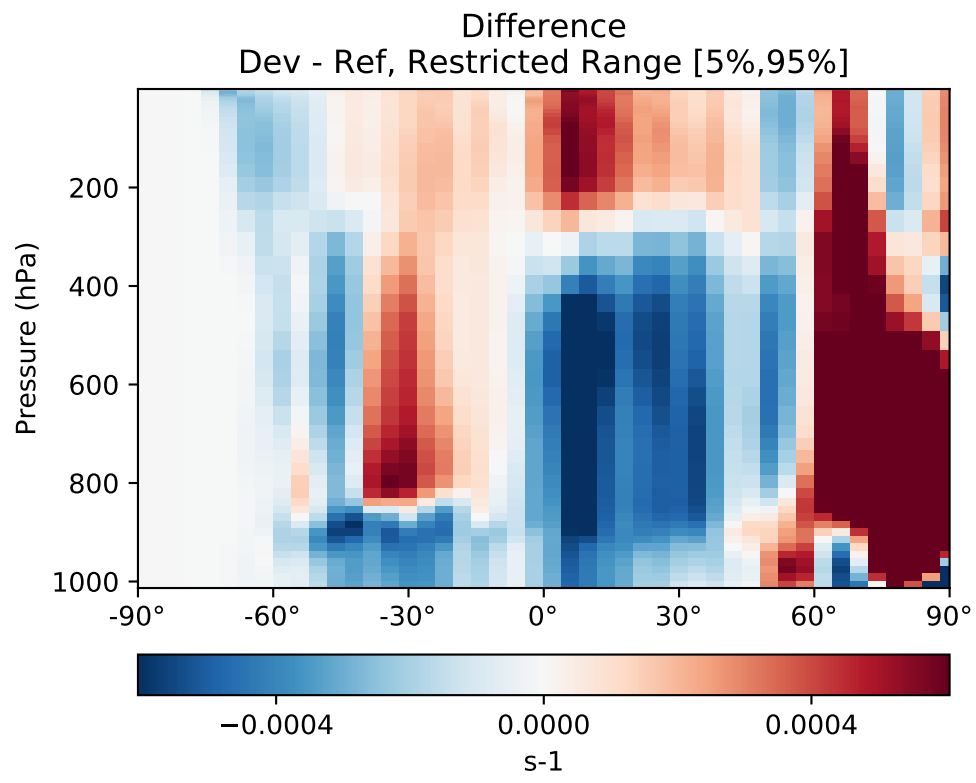



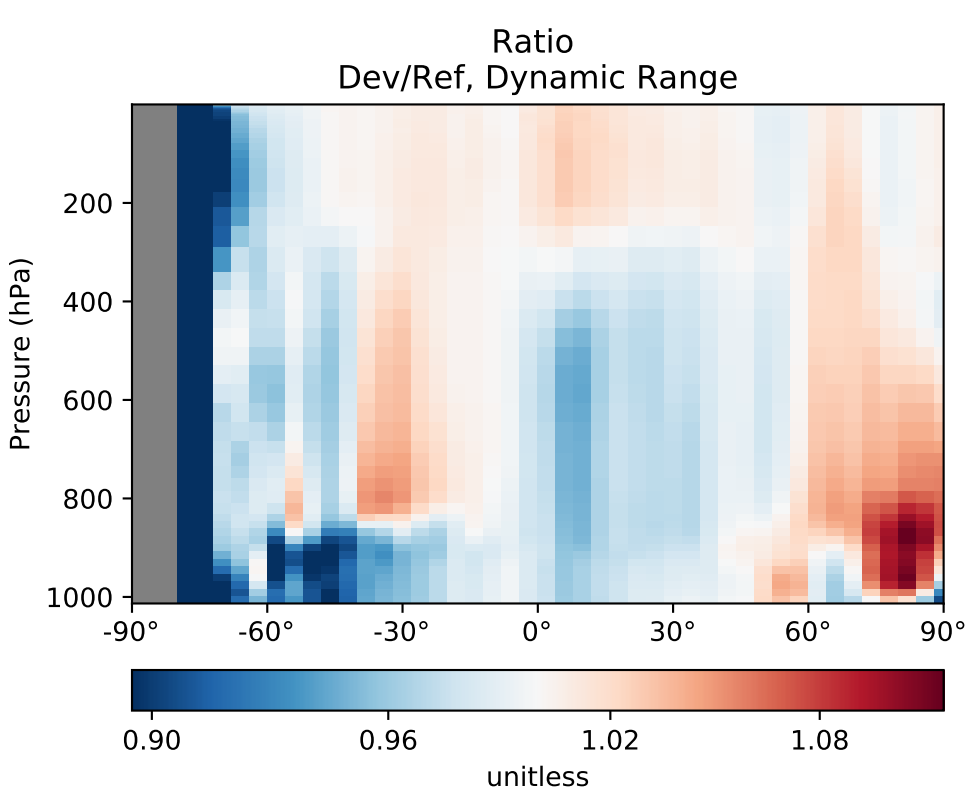
# Jval_Br2, Zonal Mean

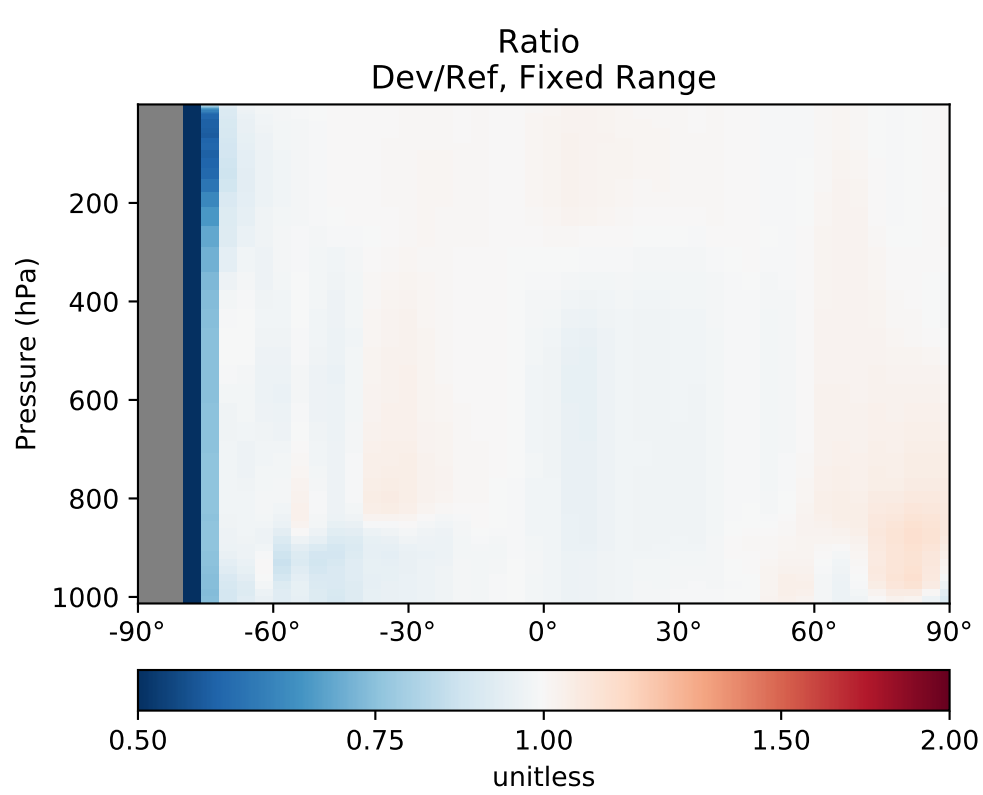


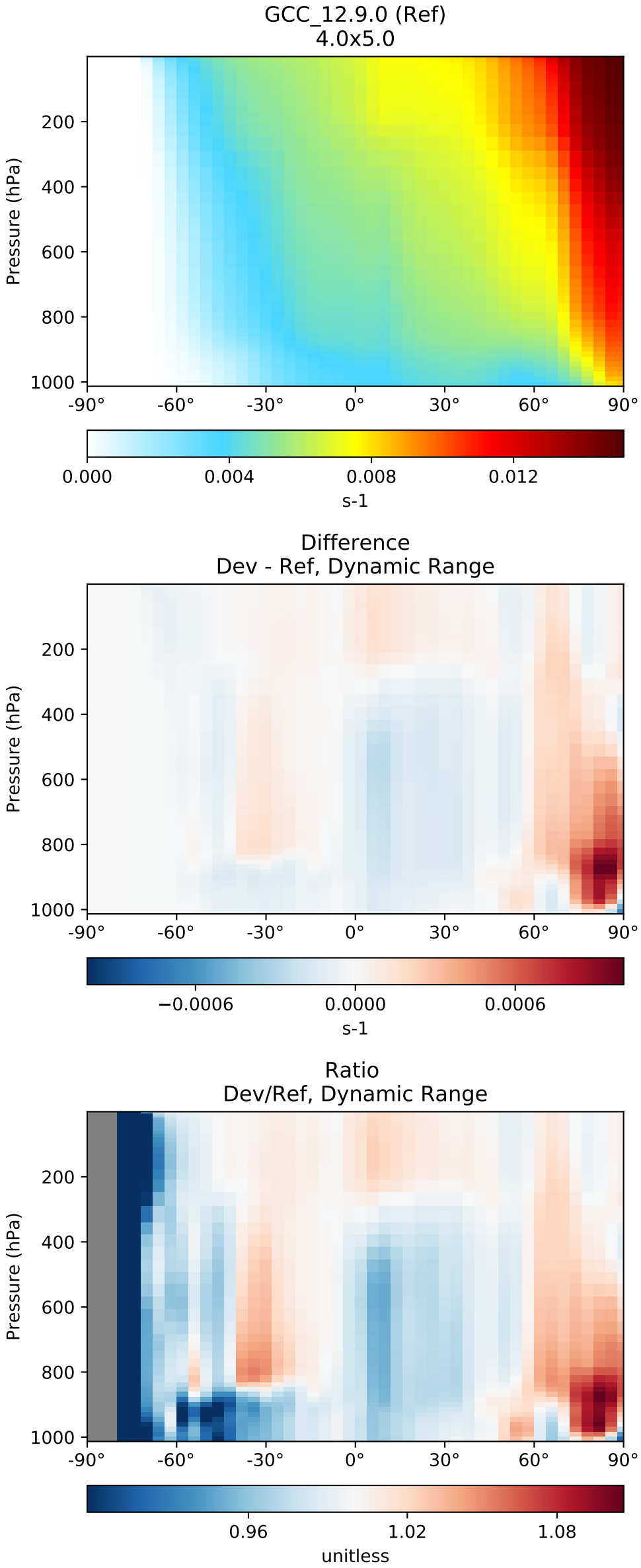



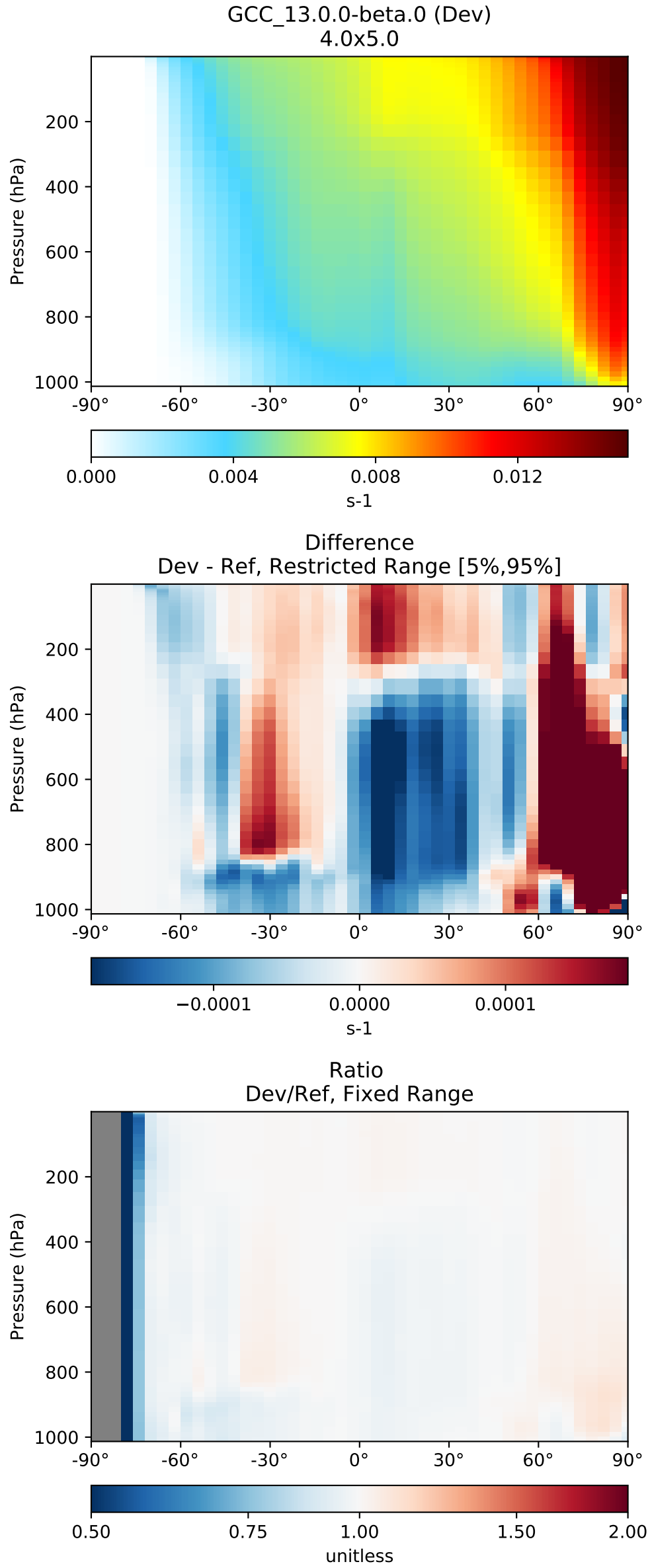



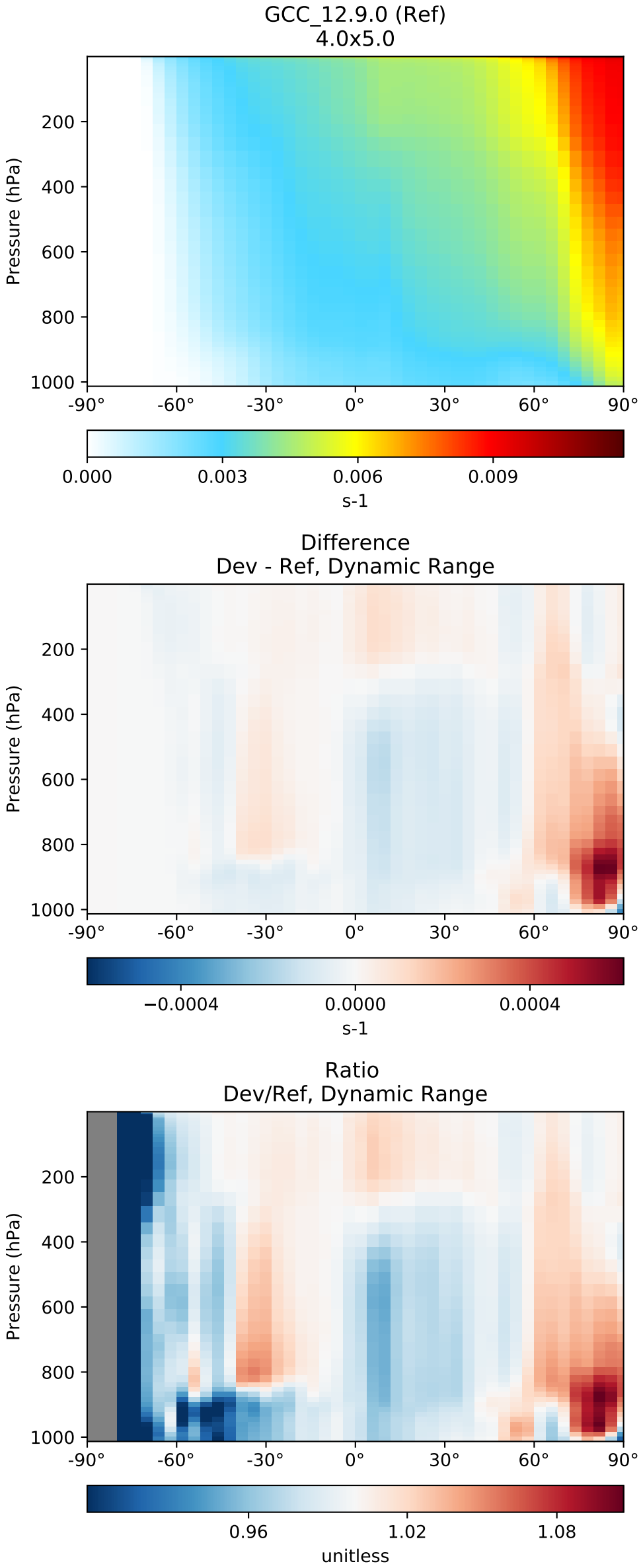



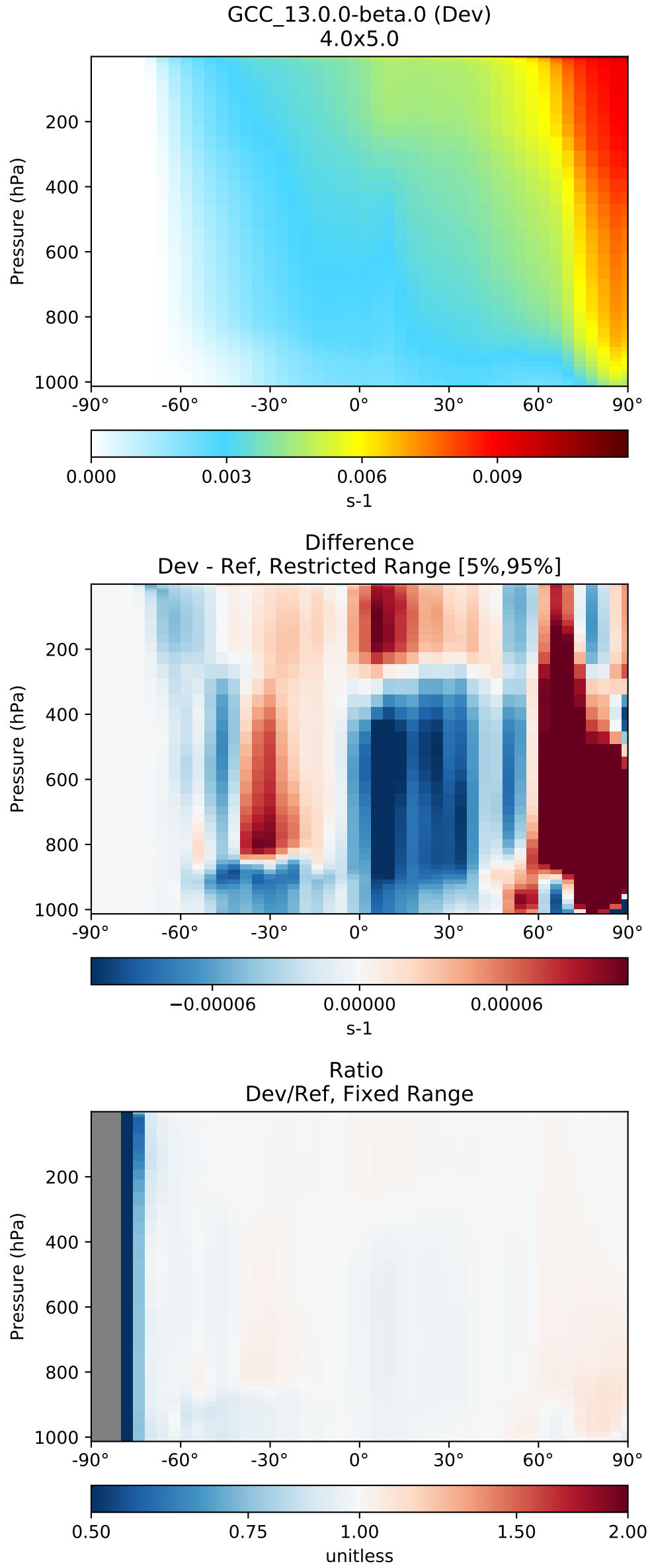
# Jval_BrCl, Zonal Mean



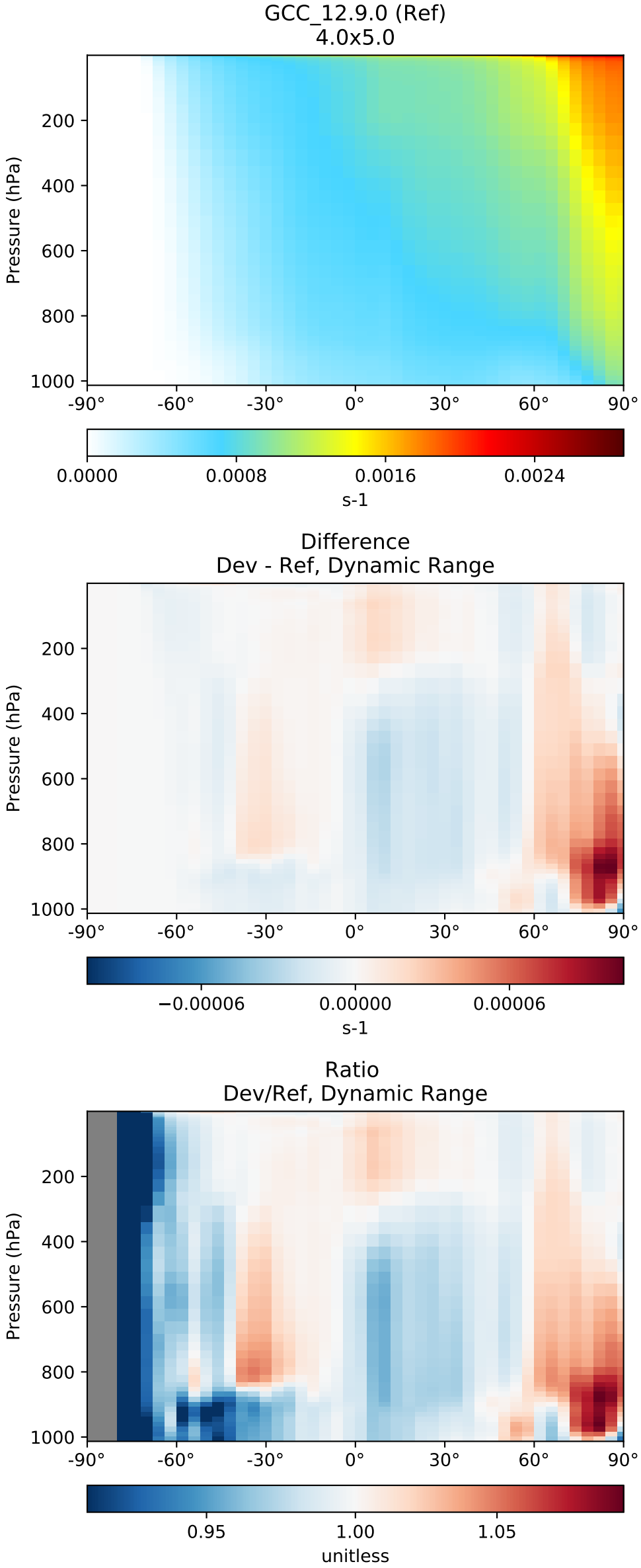



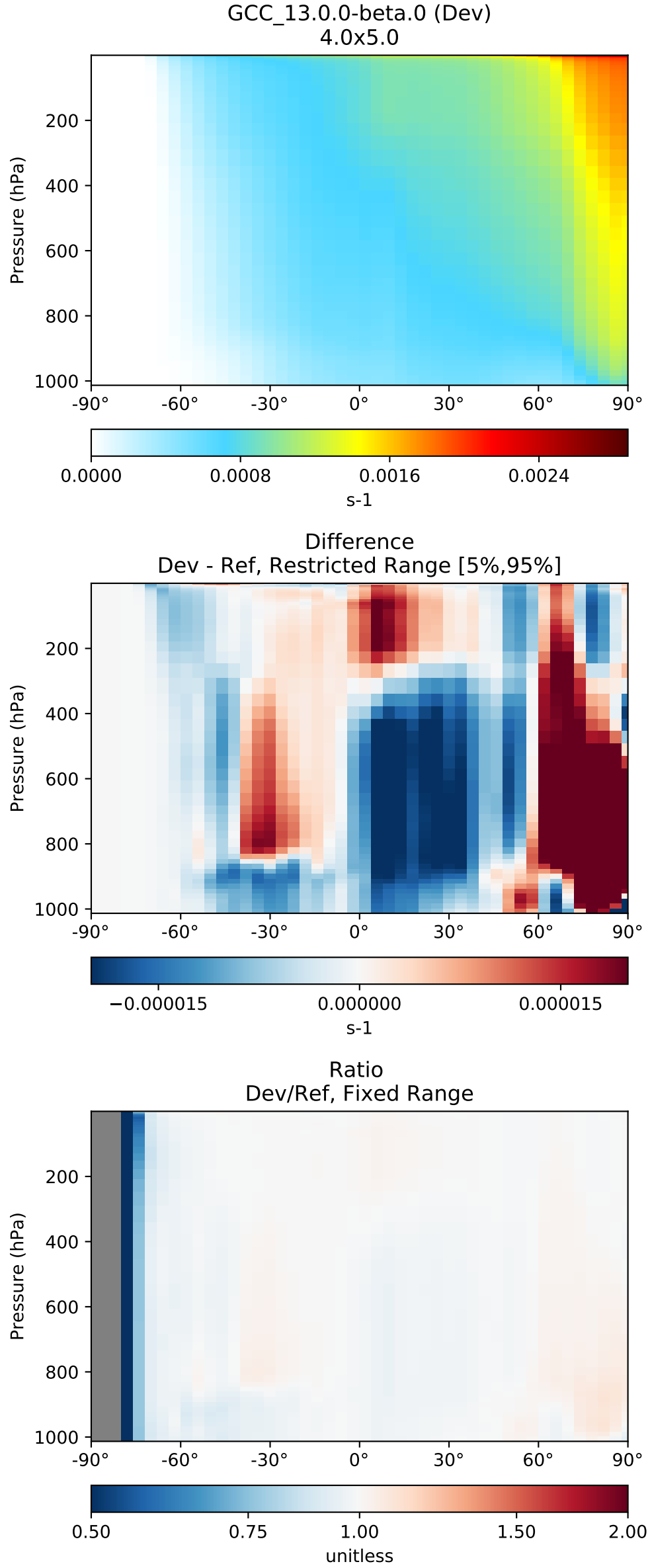
# Jval_BrNO2, Zonal Mean



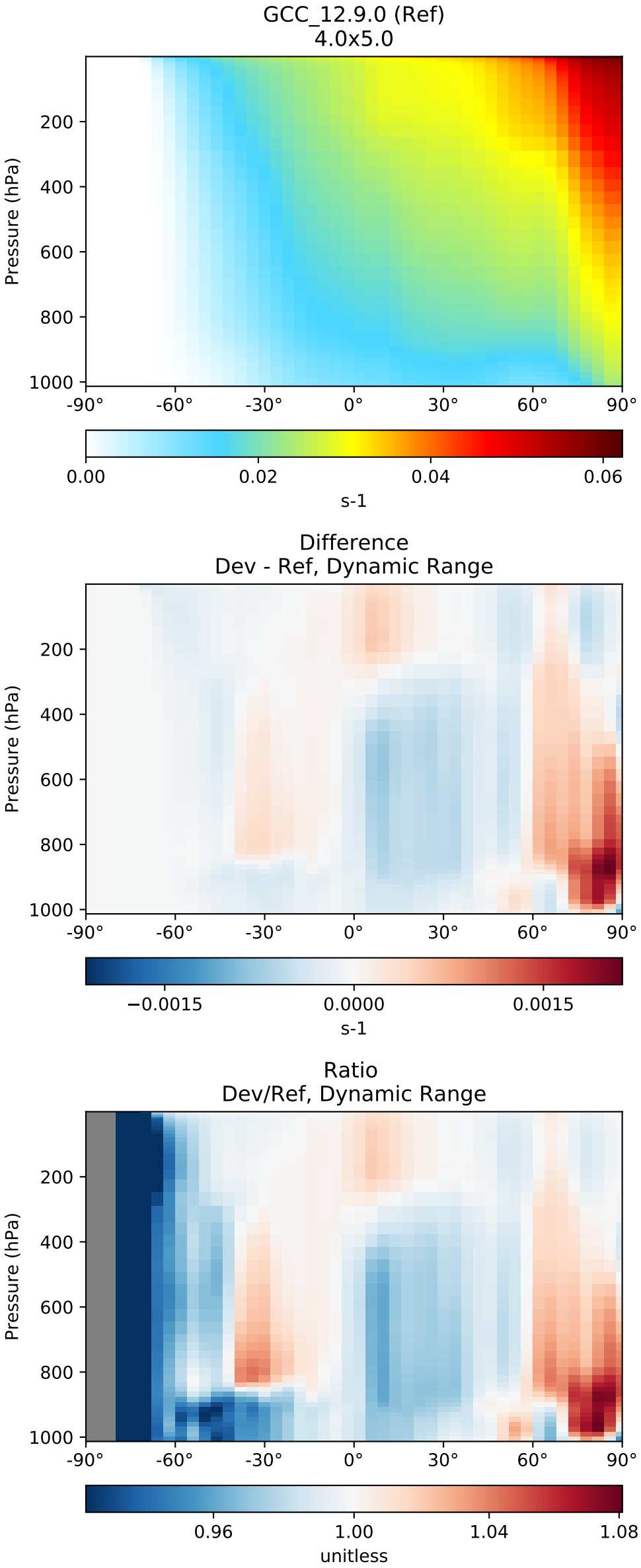



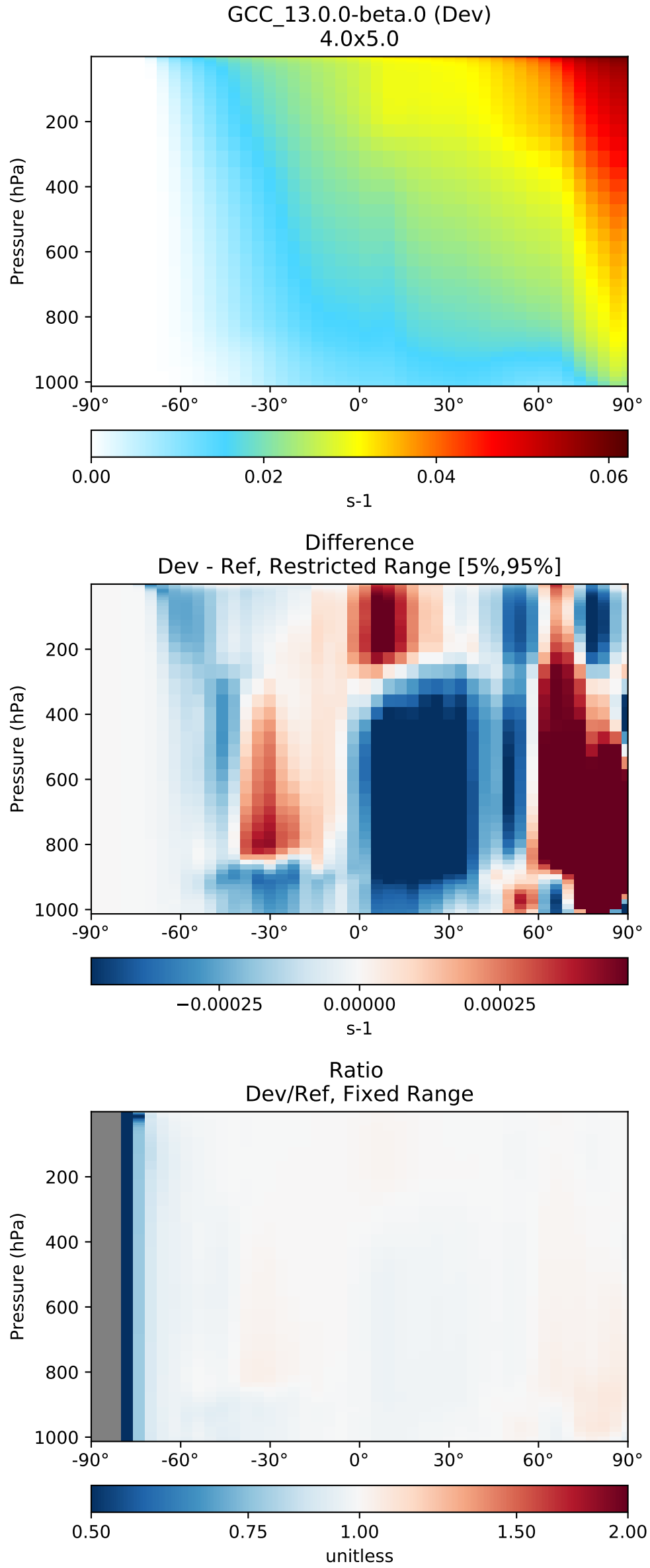
# Jval_BrNO3, Zonal Mean



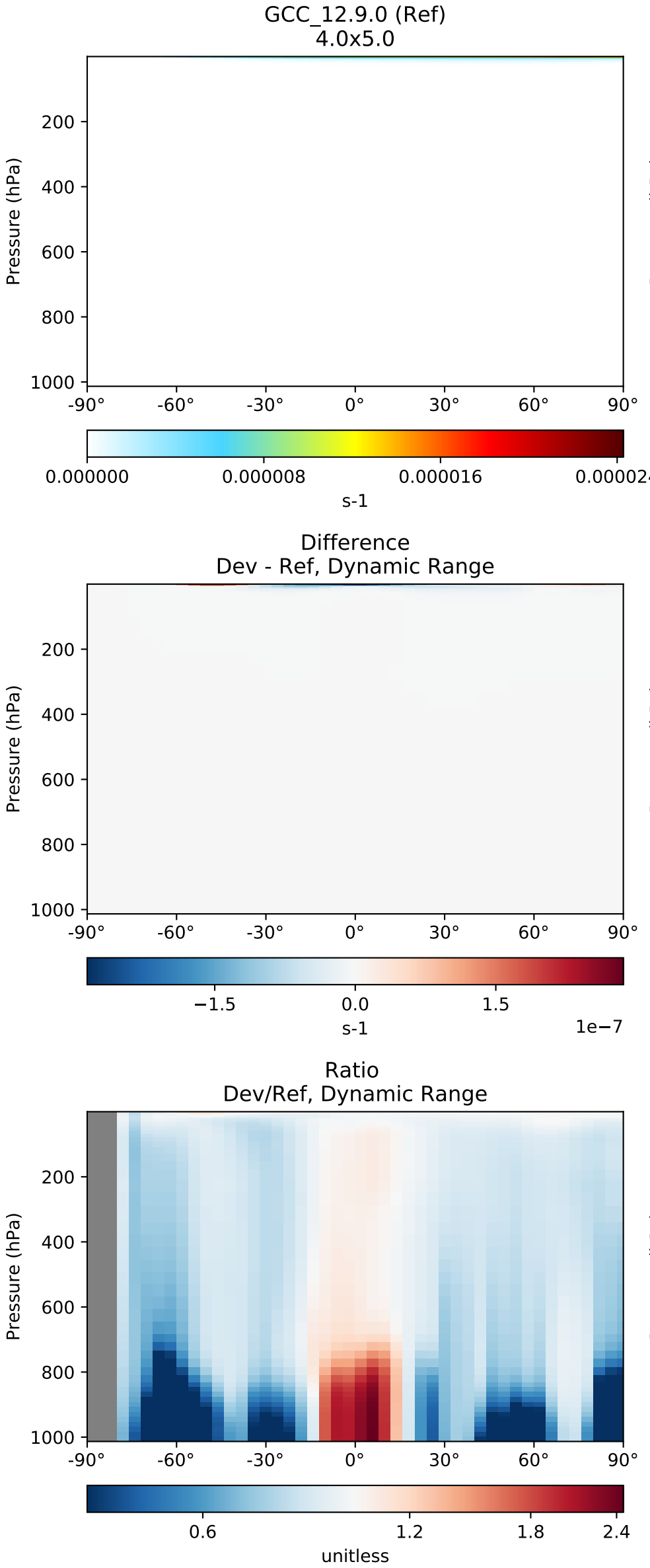



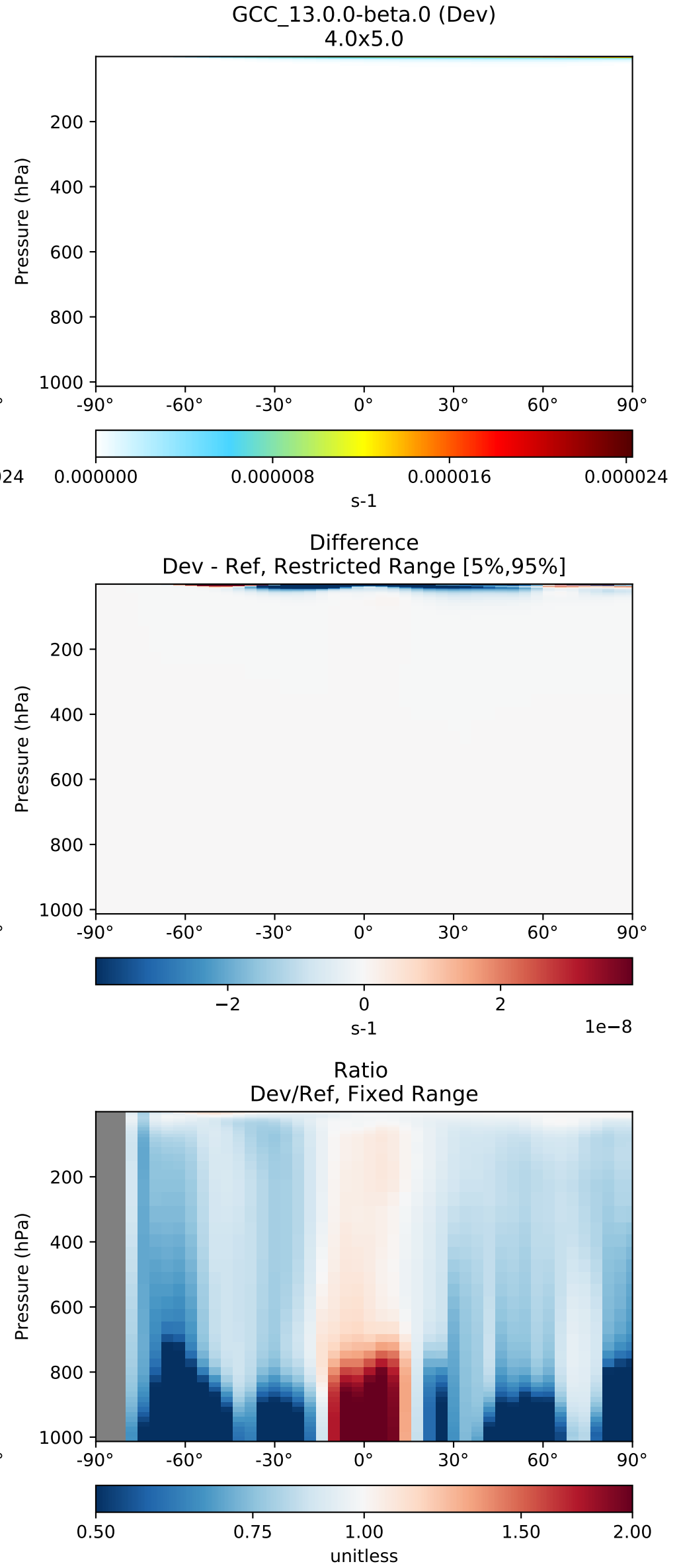
# Jval_BrO, Zonal Mean



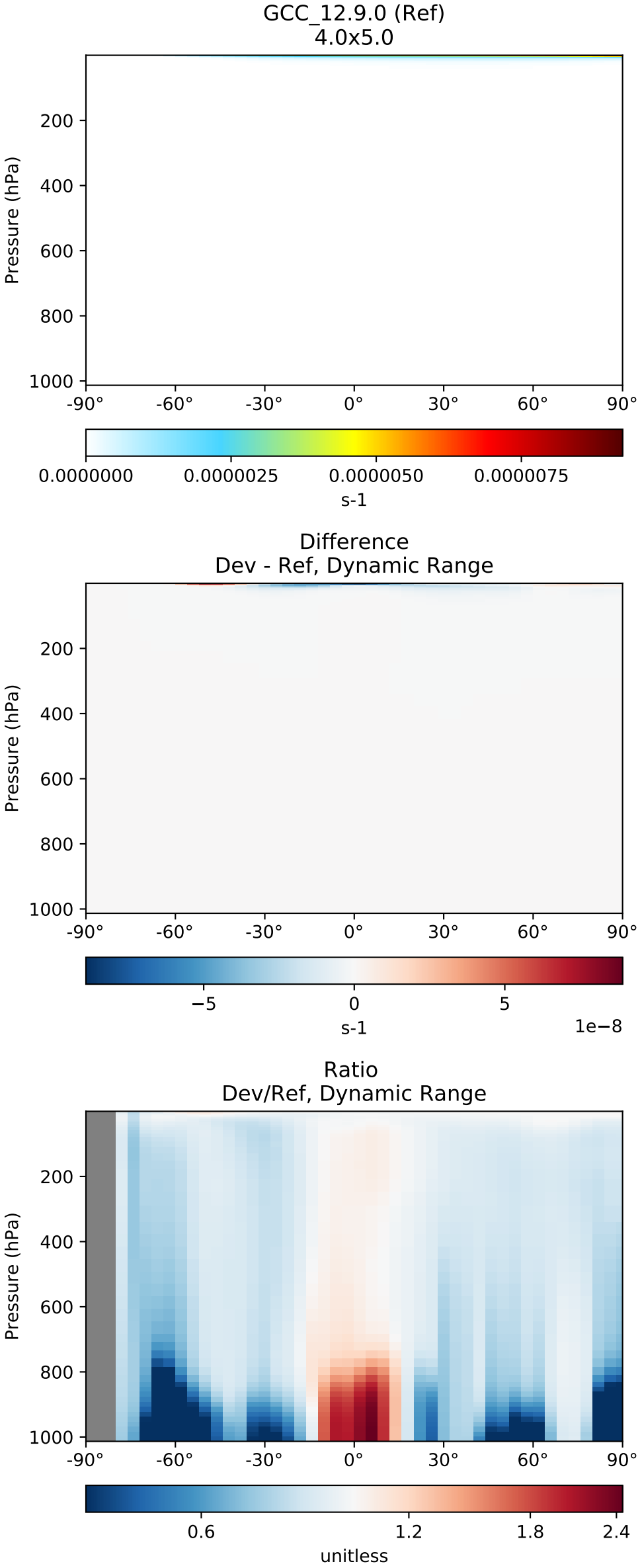



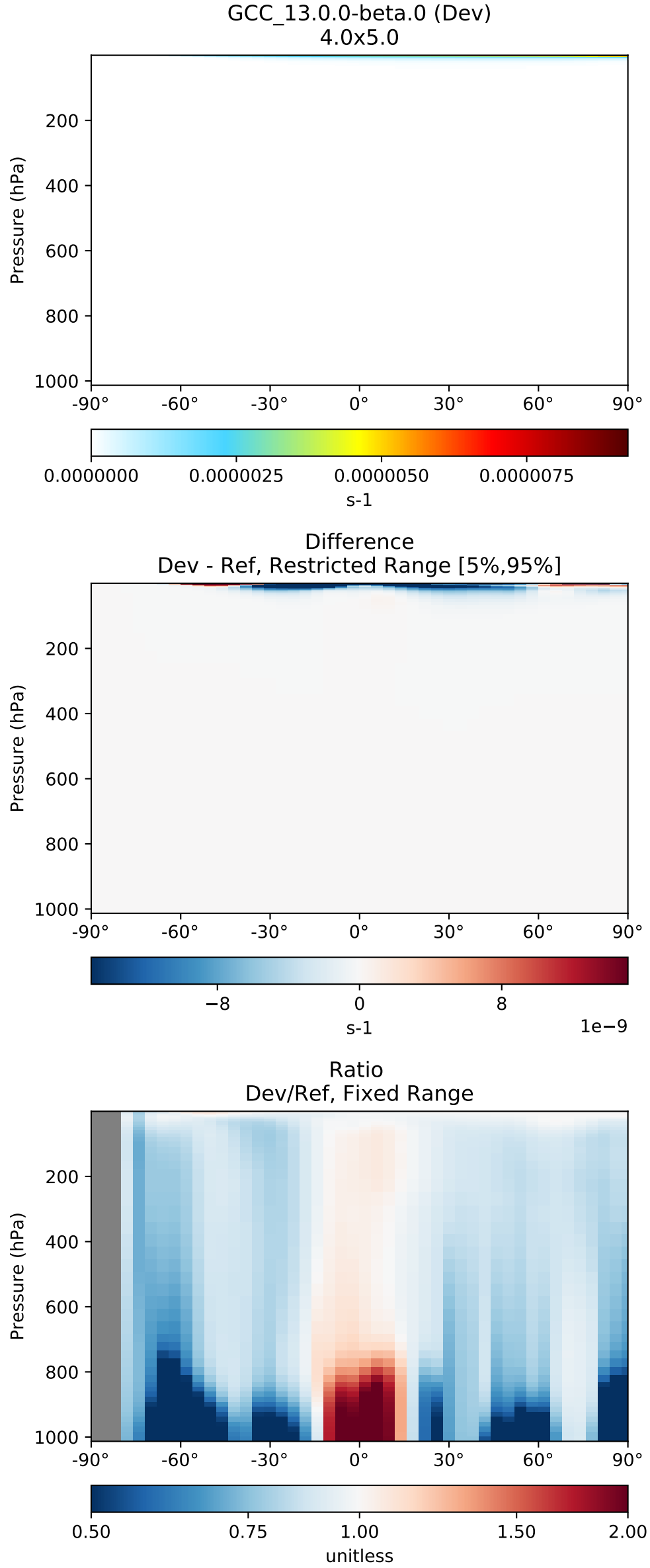
# Jval_CCl4, Zonal Mean



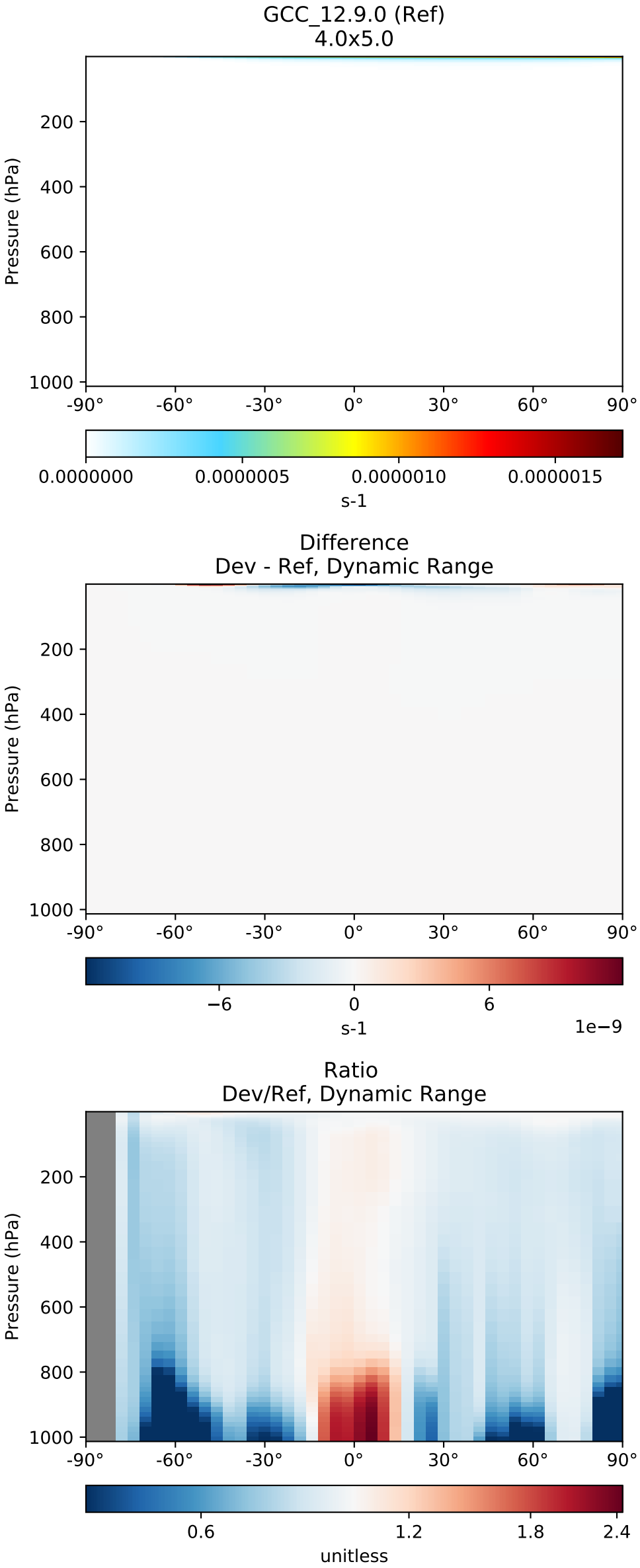



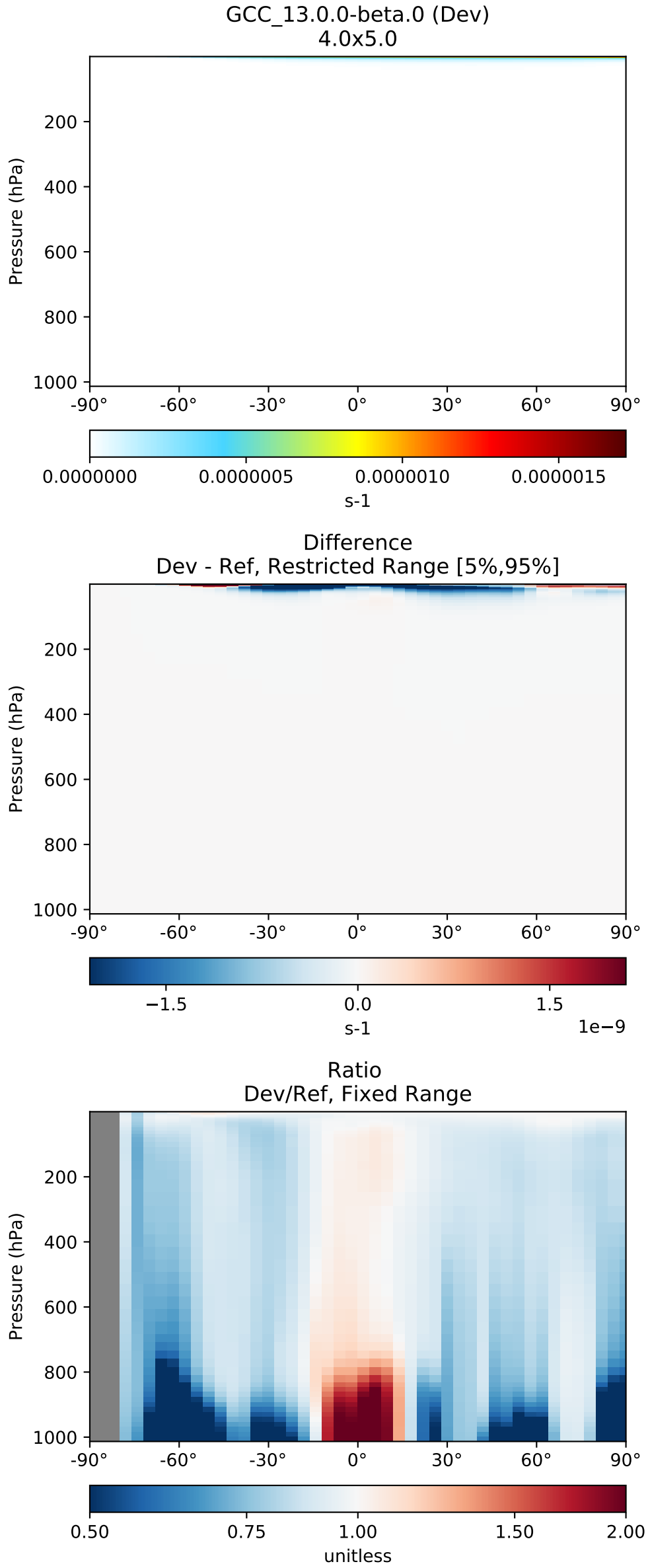
# Jval_CFC11, Zonal Mean



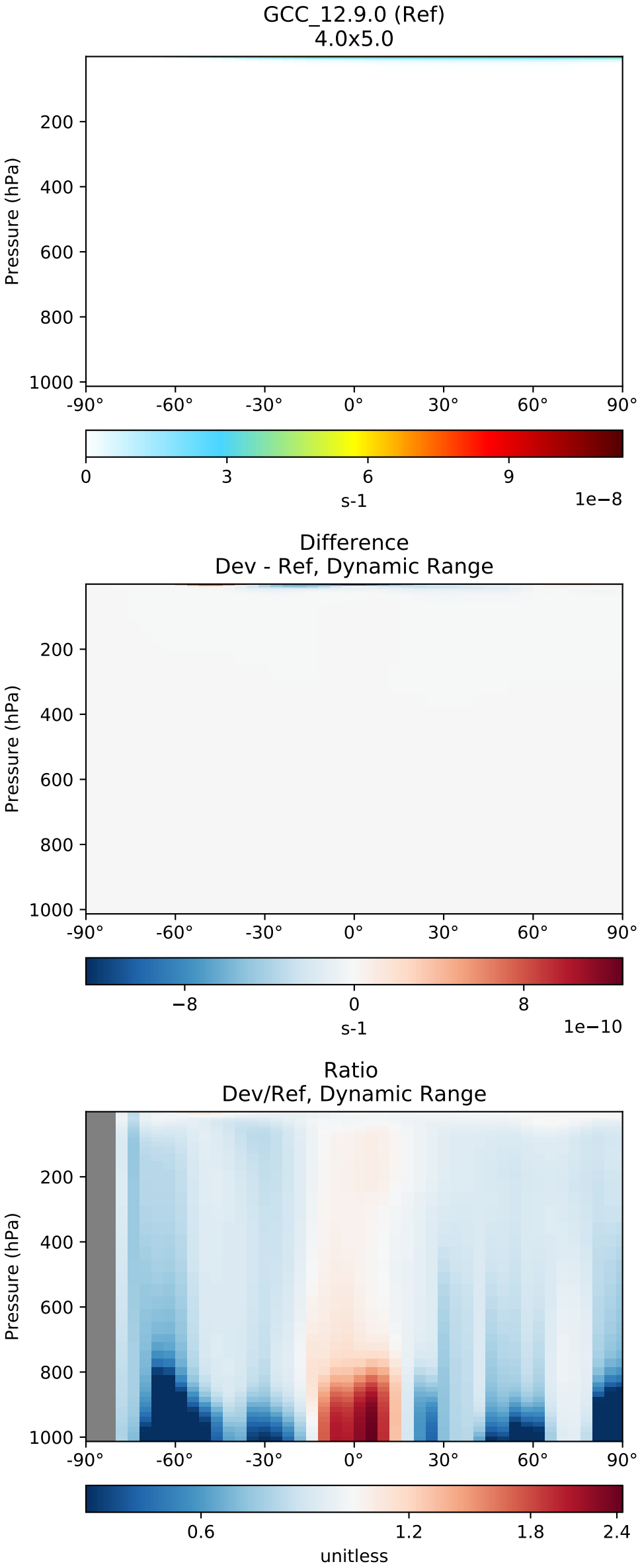



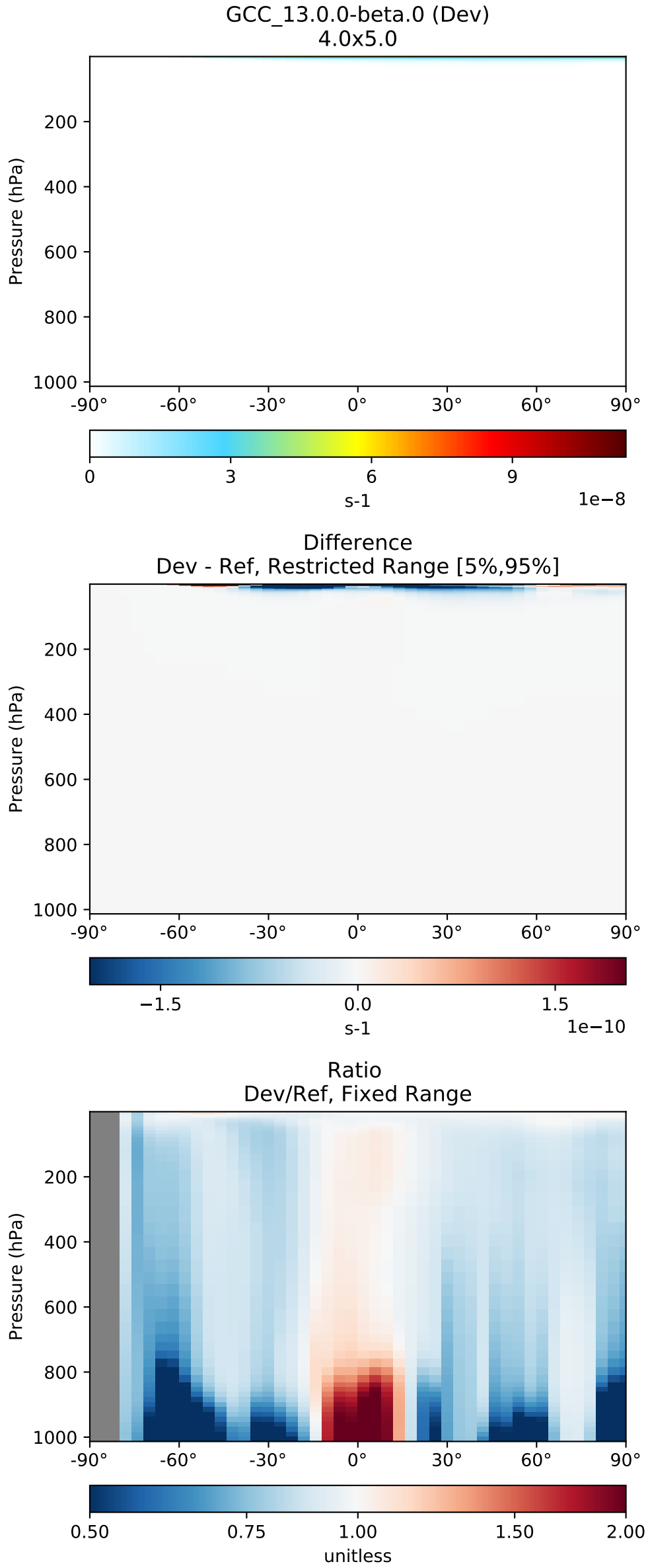
# Jval_CFC113, Zonal Mean



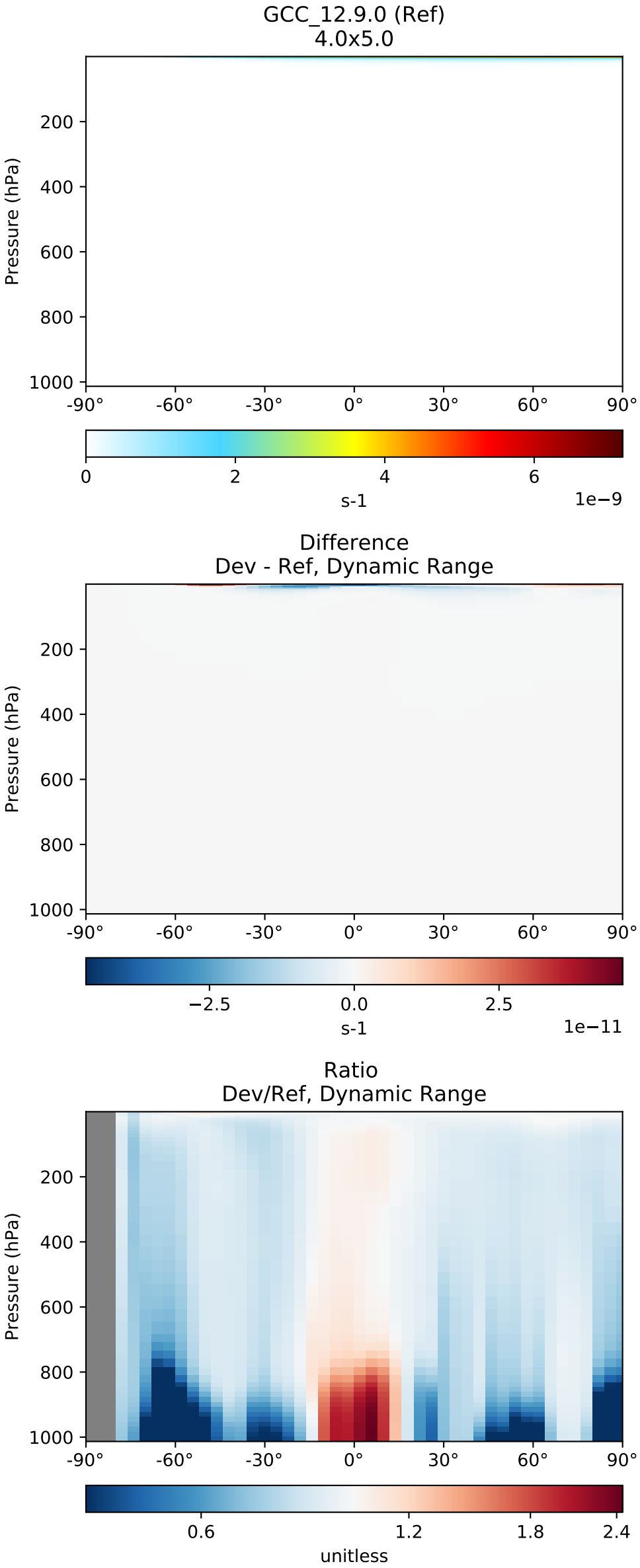



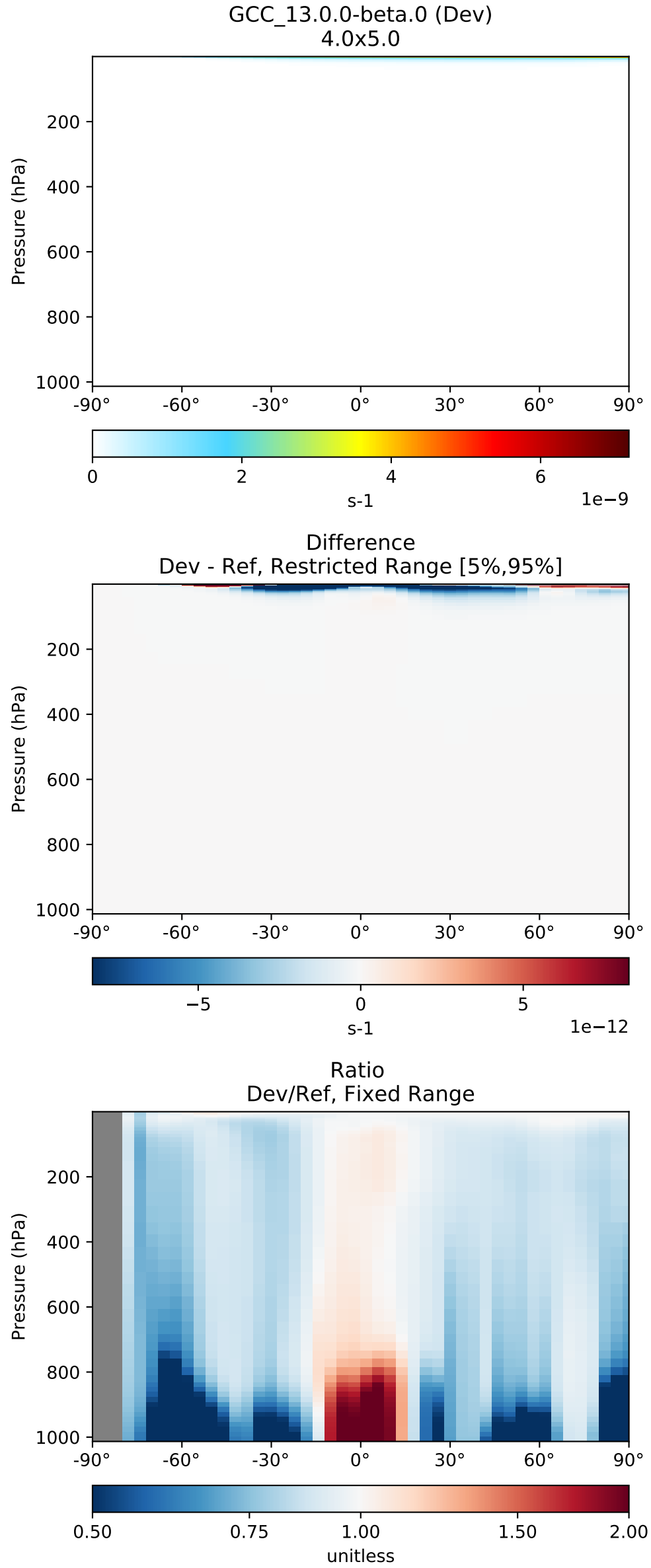
# Jval_CFC114, Zonal Mean



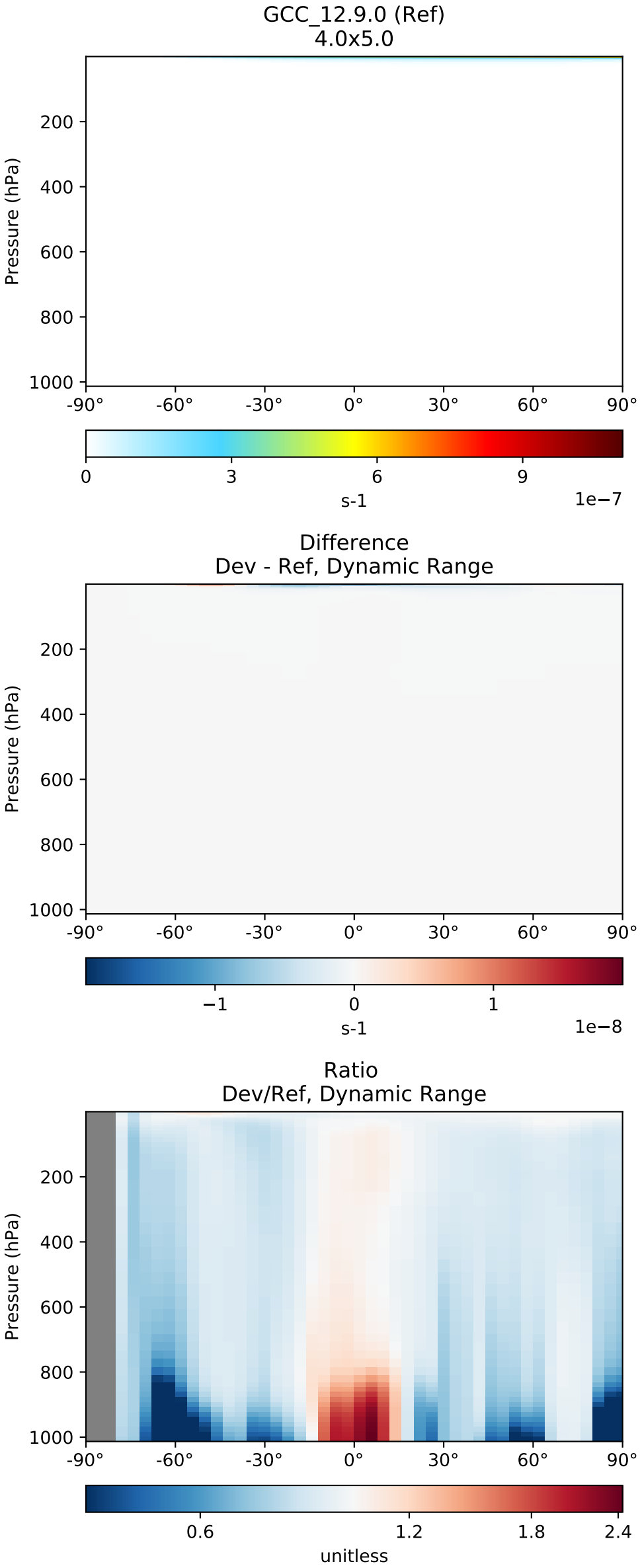



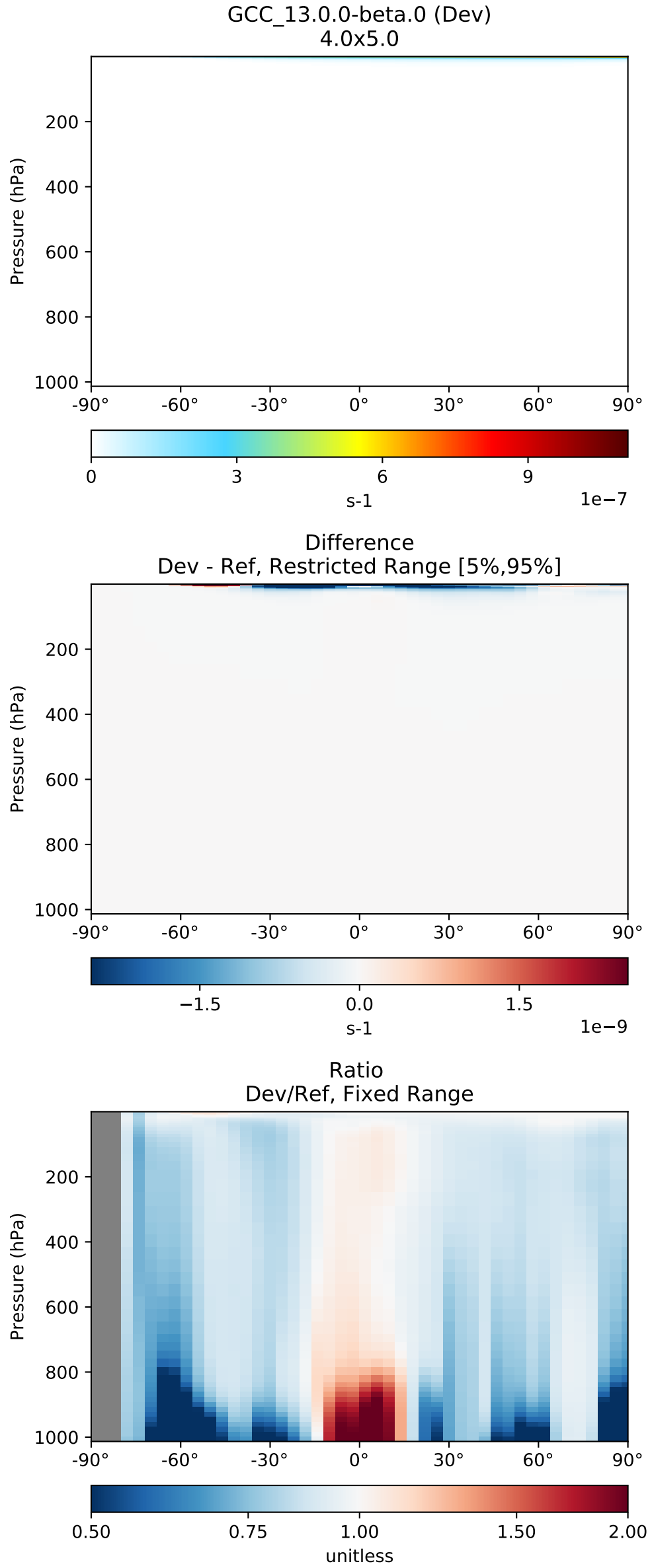
# Jval_CFC115, Zonal Mean



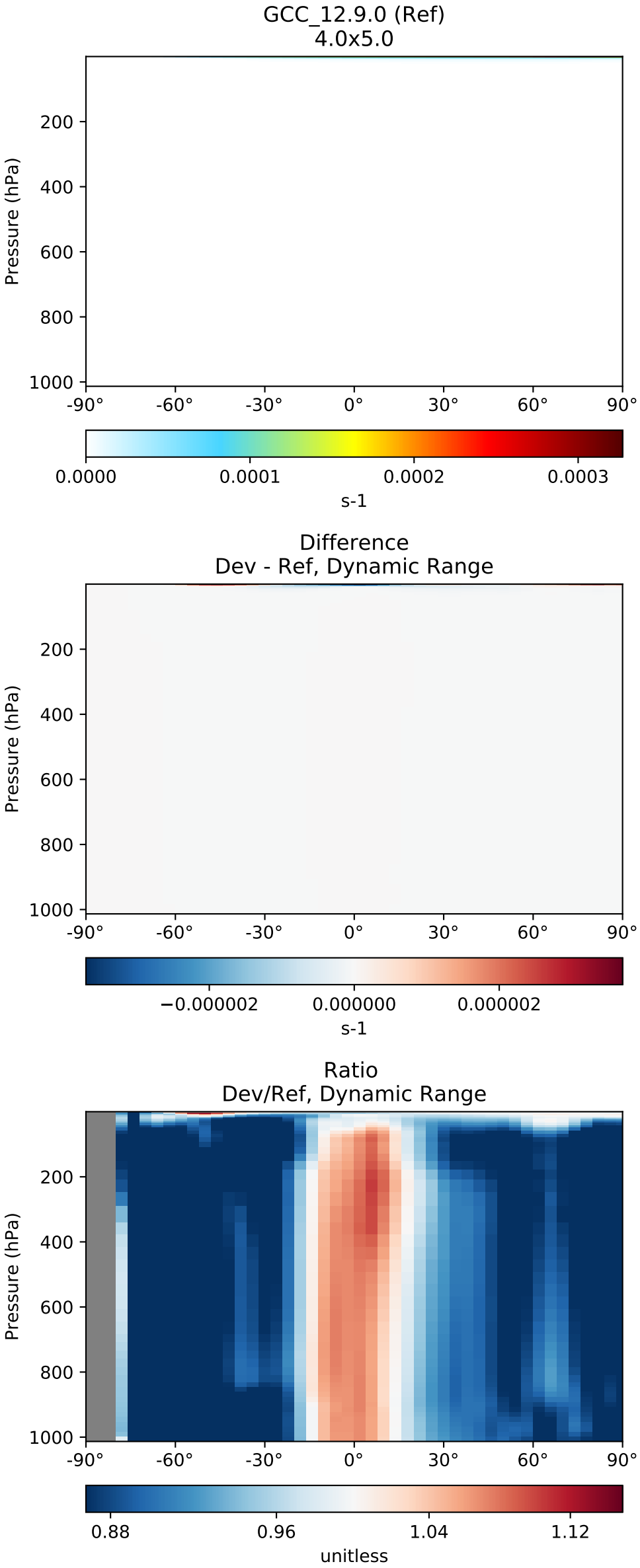



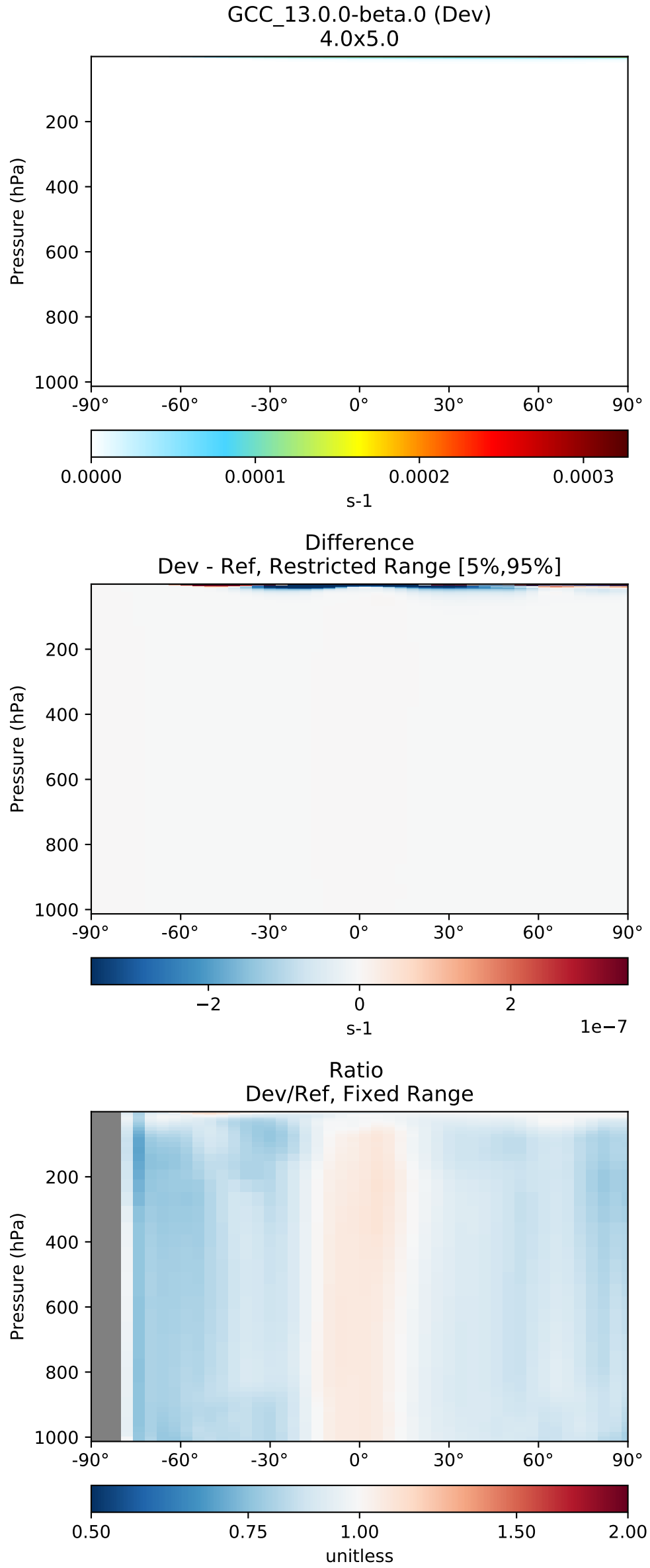
# Jval_CFC12, Zonal Mean



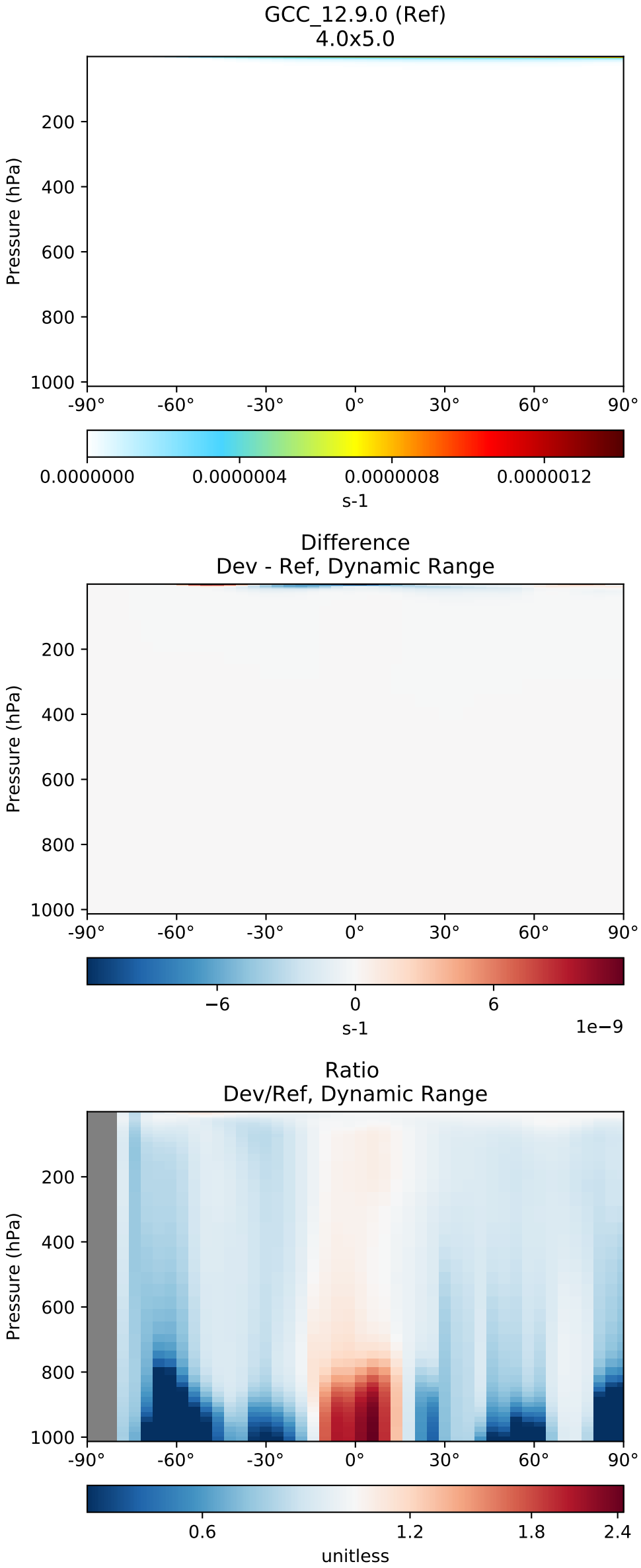



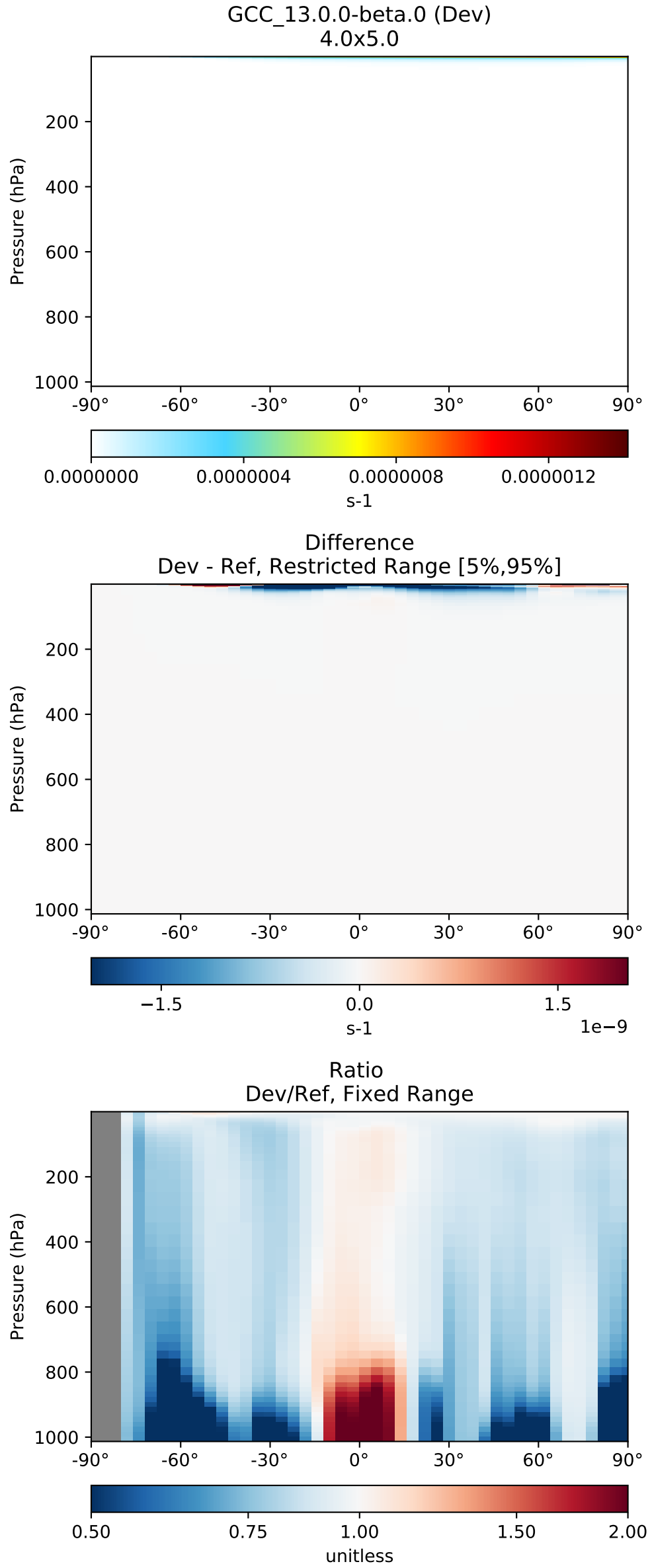
# Jval_CH2Br2, Zonal Mean



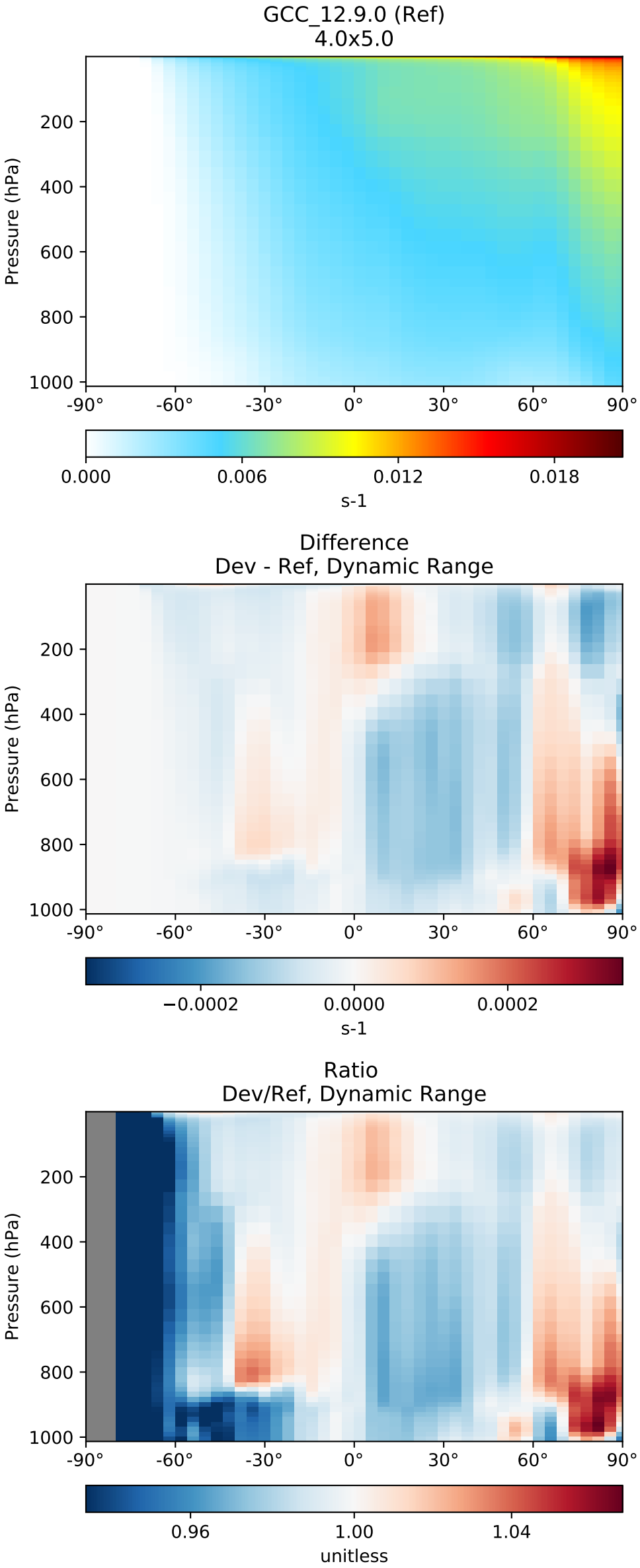



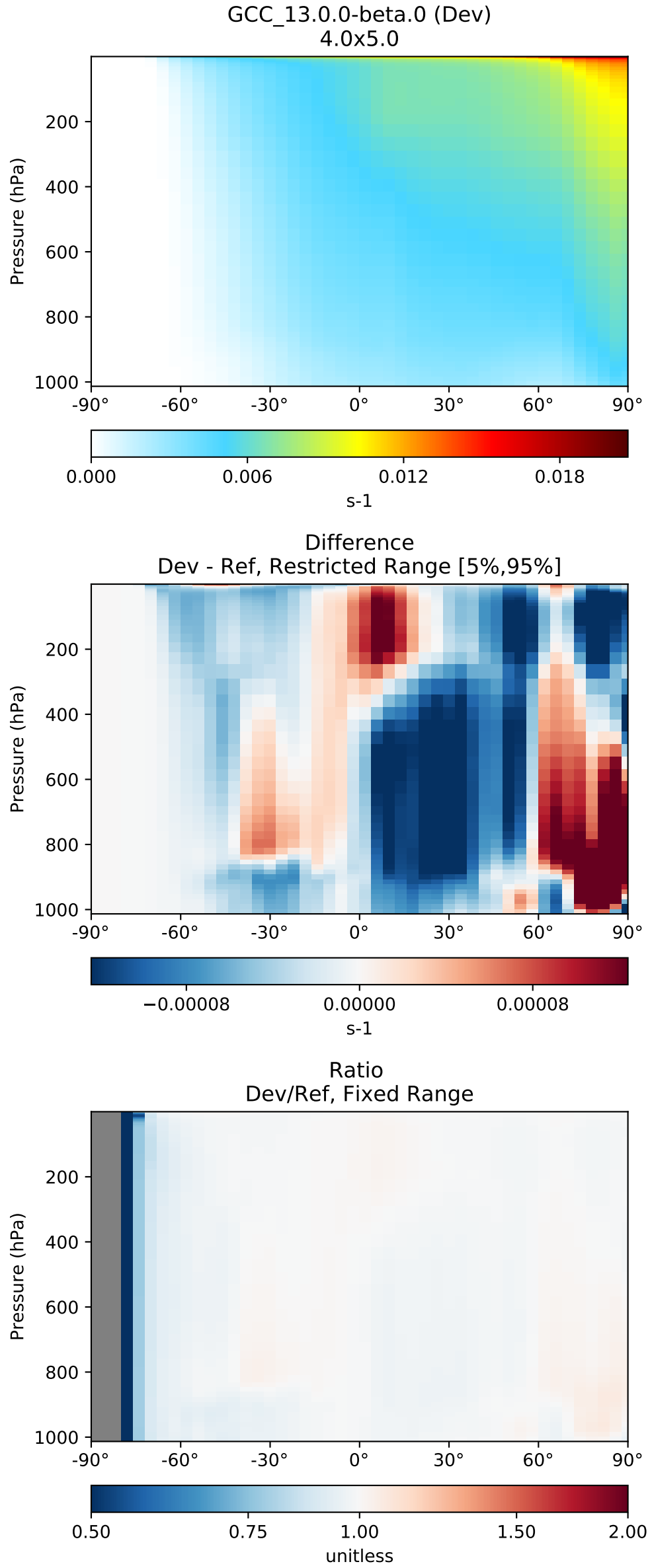
# Jval_CH2Cl2, Zonal Mean



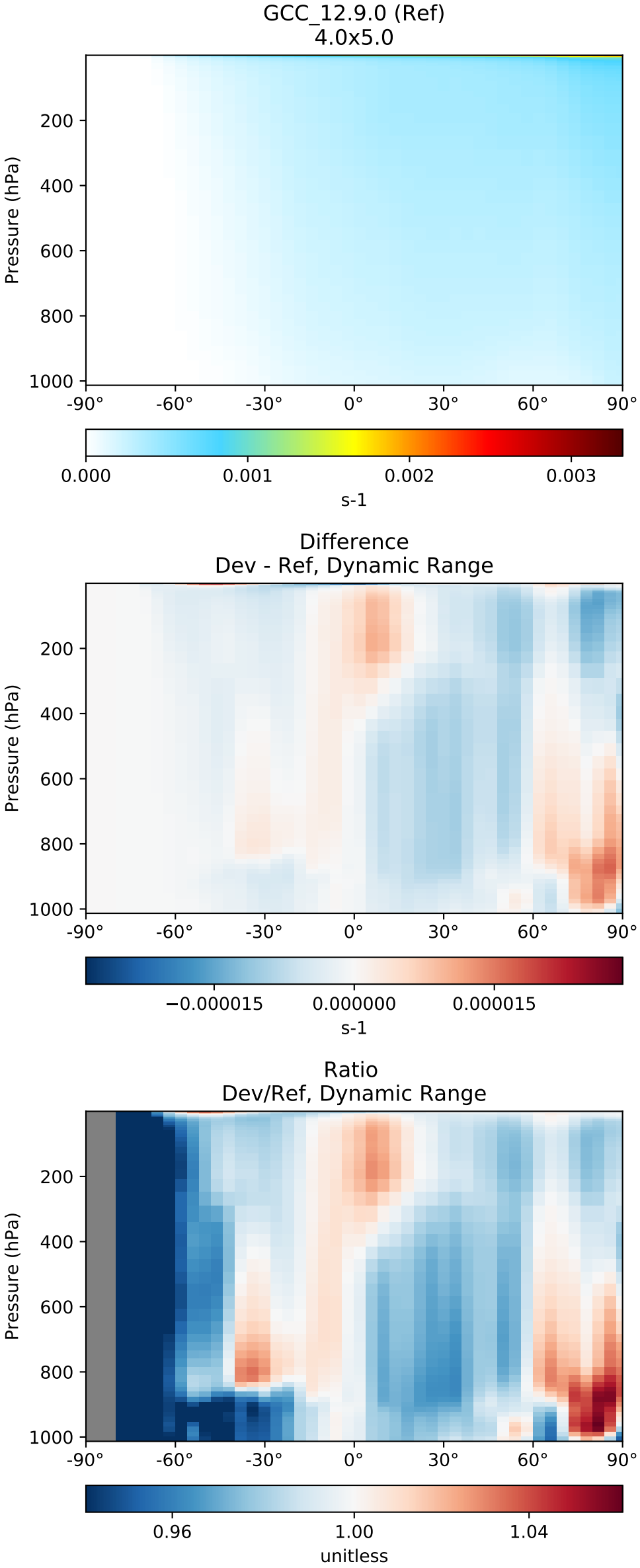



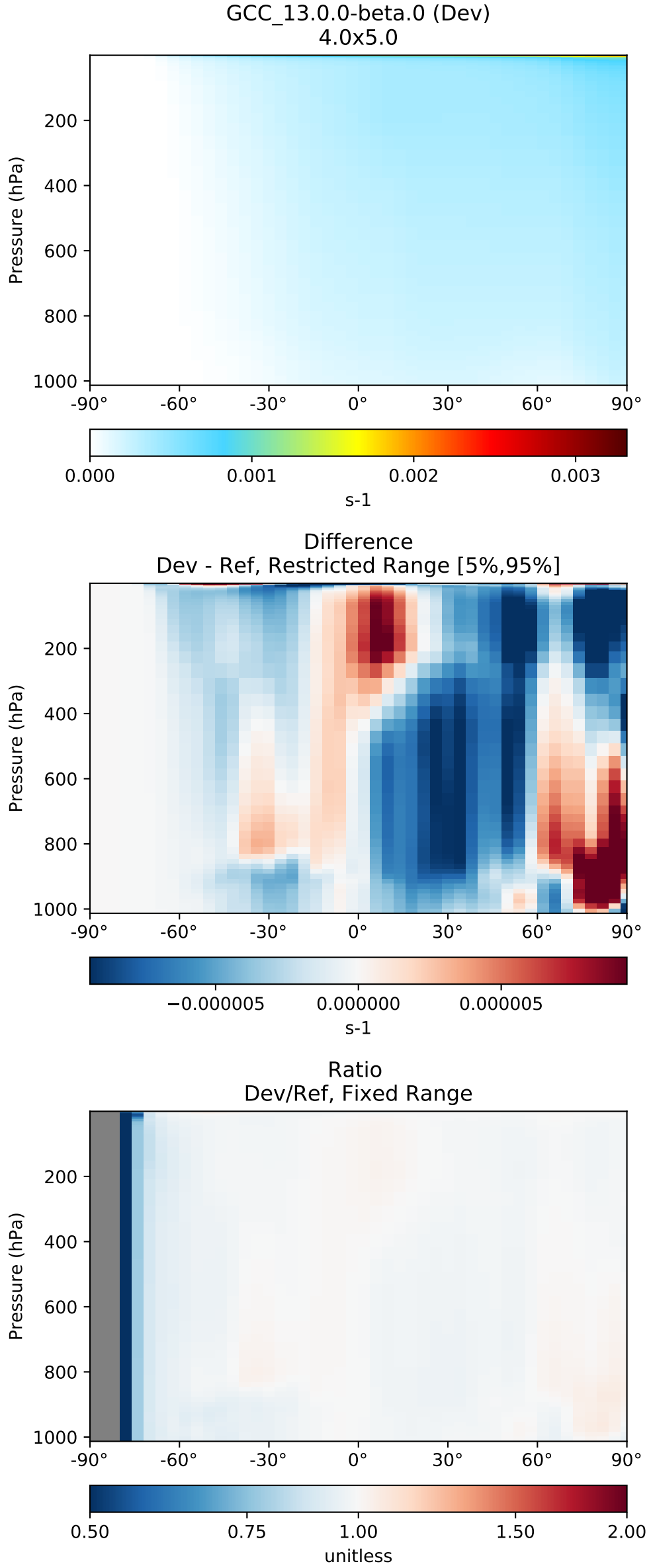
# Jval_CH2I2, Zonal Mean



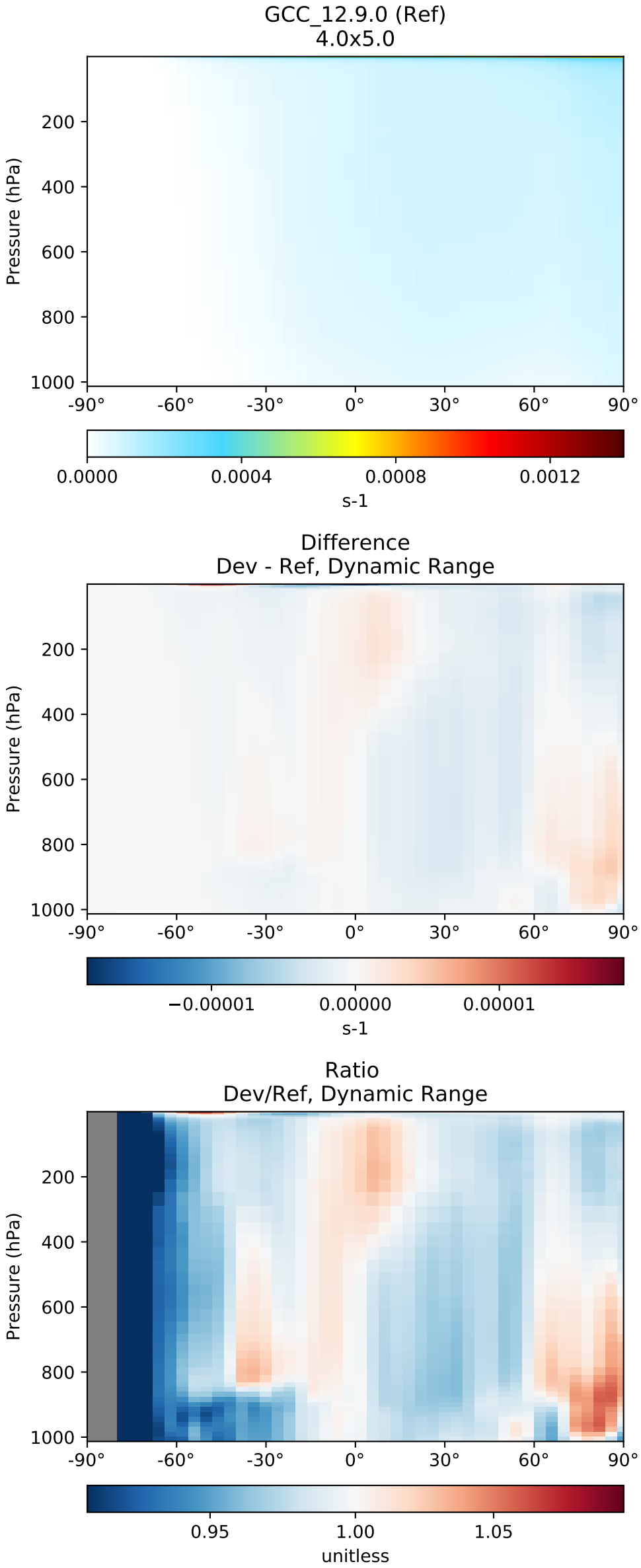



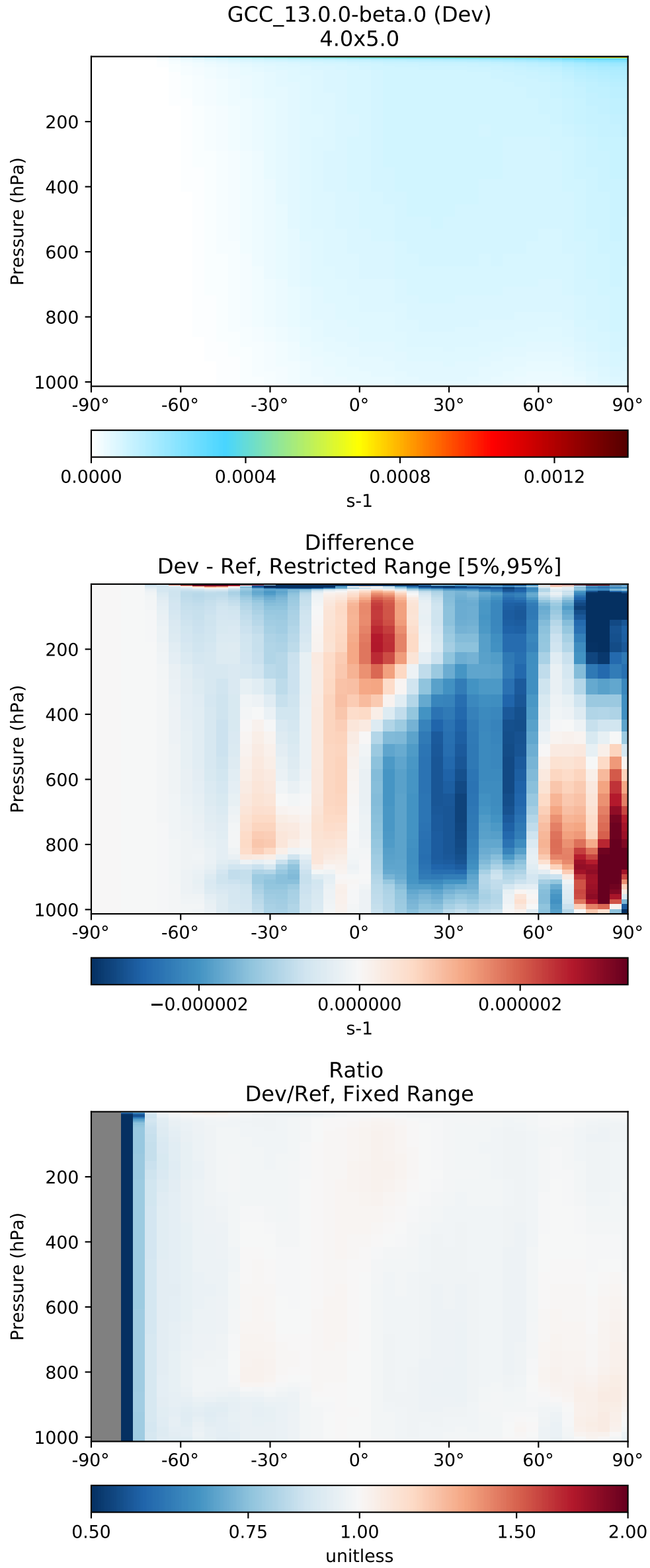
# Jval_CH2IBr, Zonal Mean



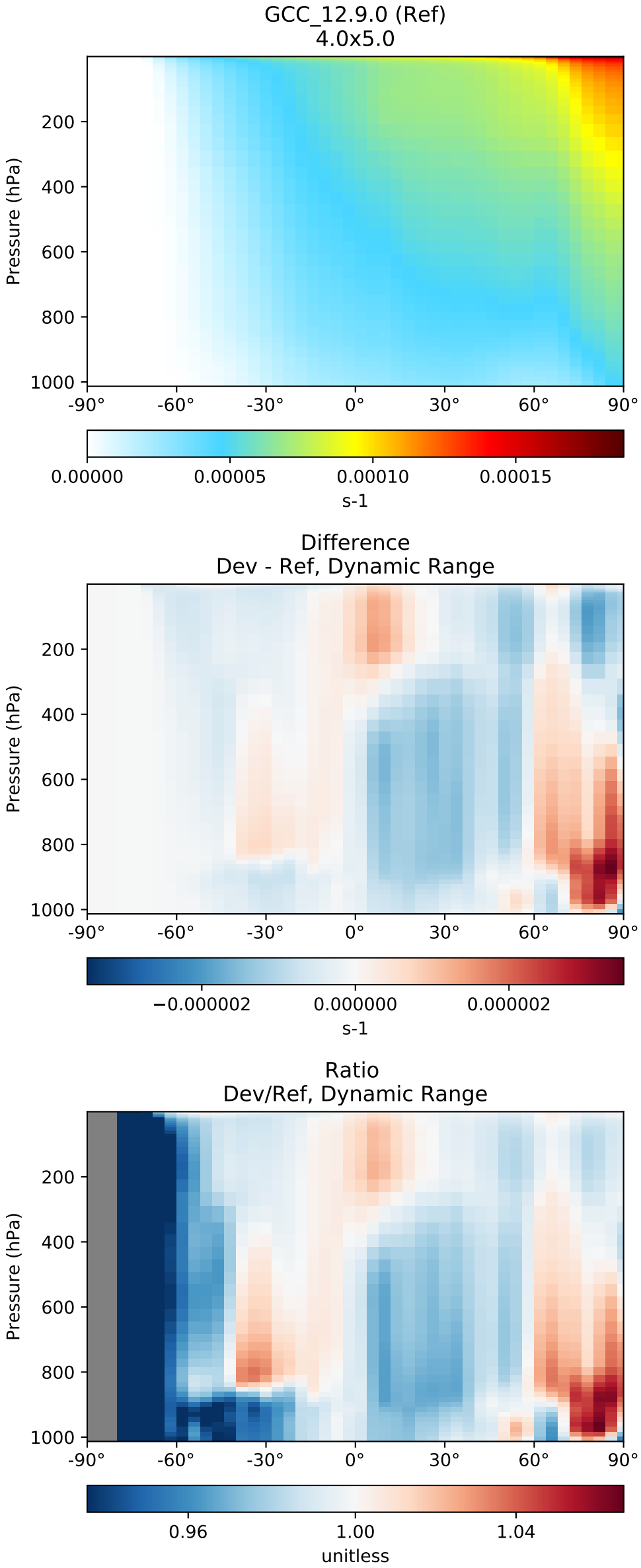



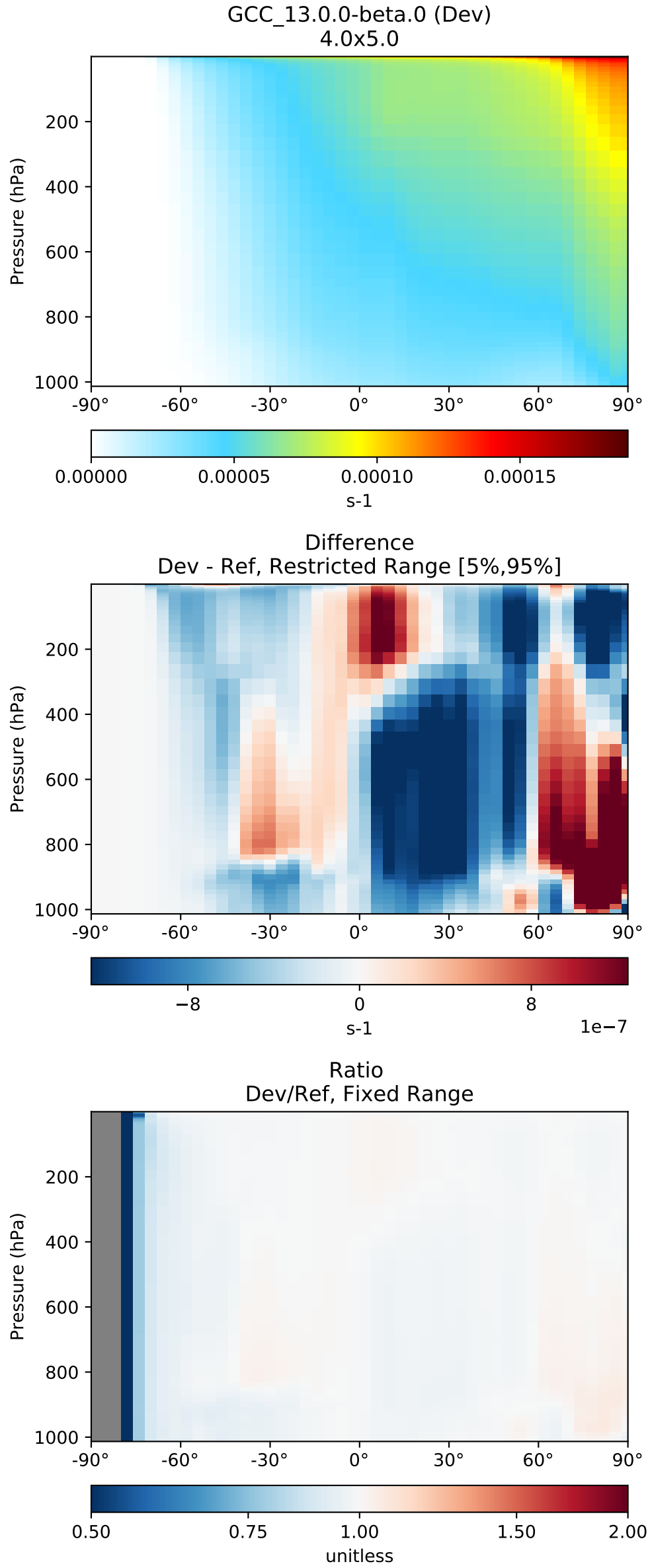
# Jval_CH2ICl, Zonal Mean



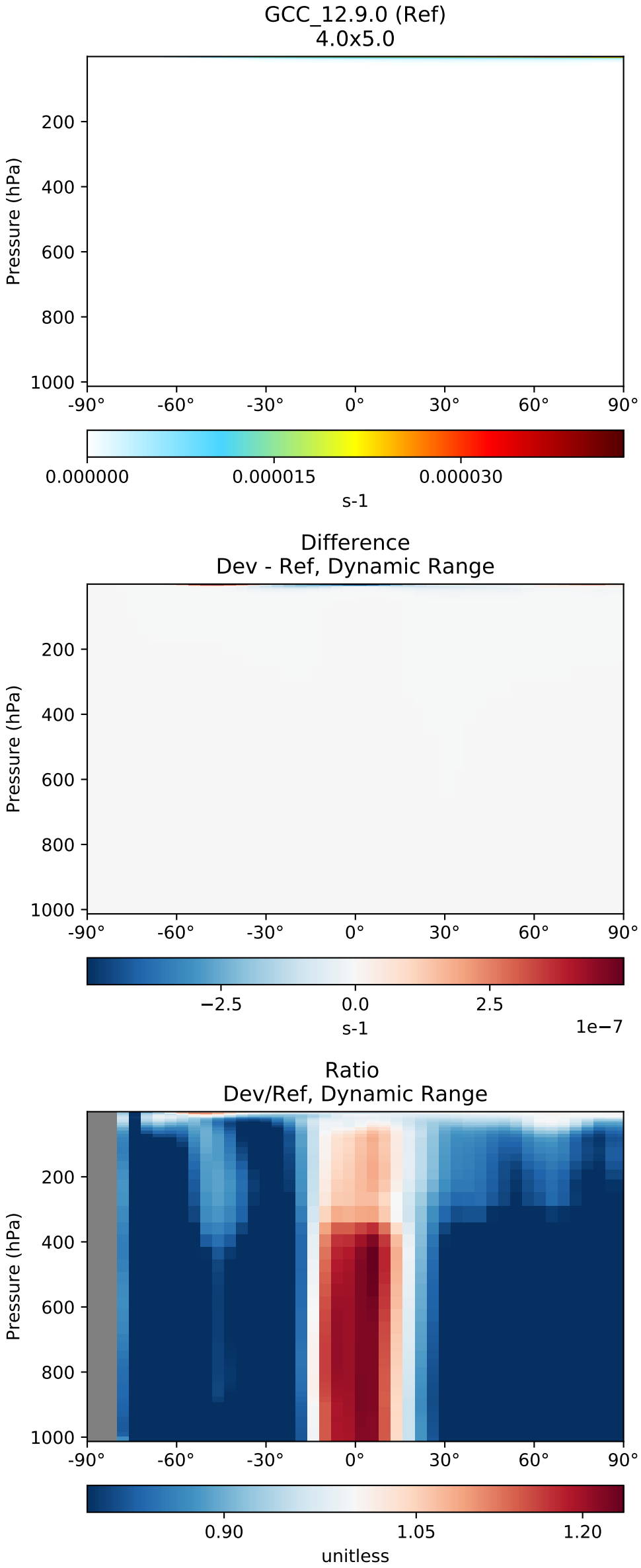



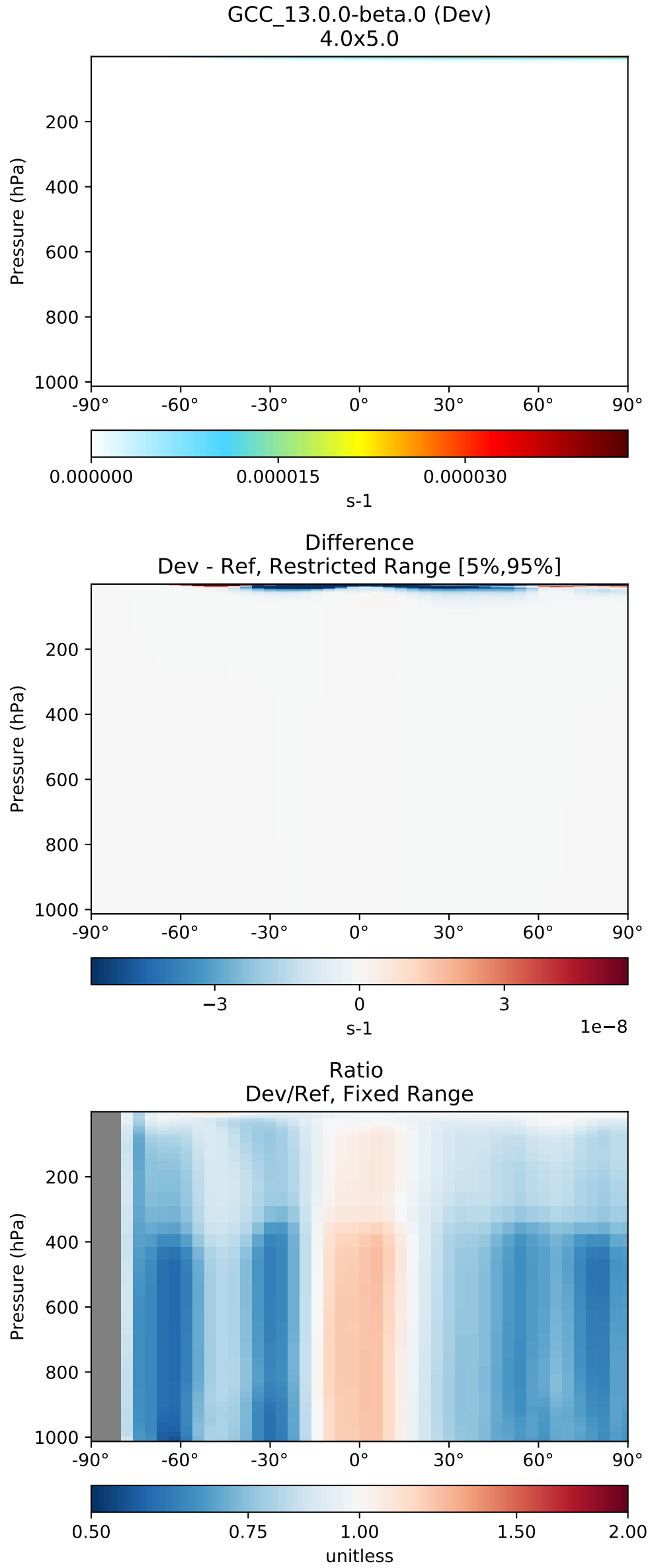
# Jval_CH2O, Zonal Mean



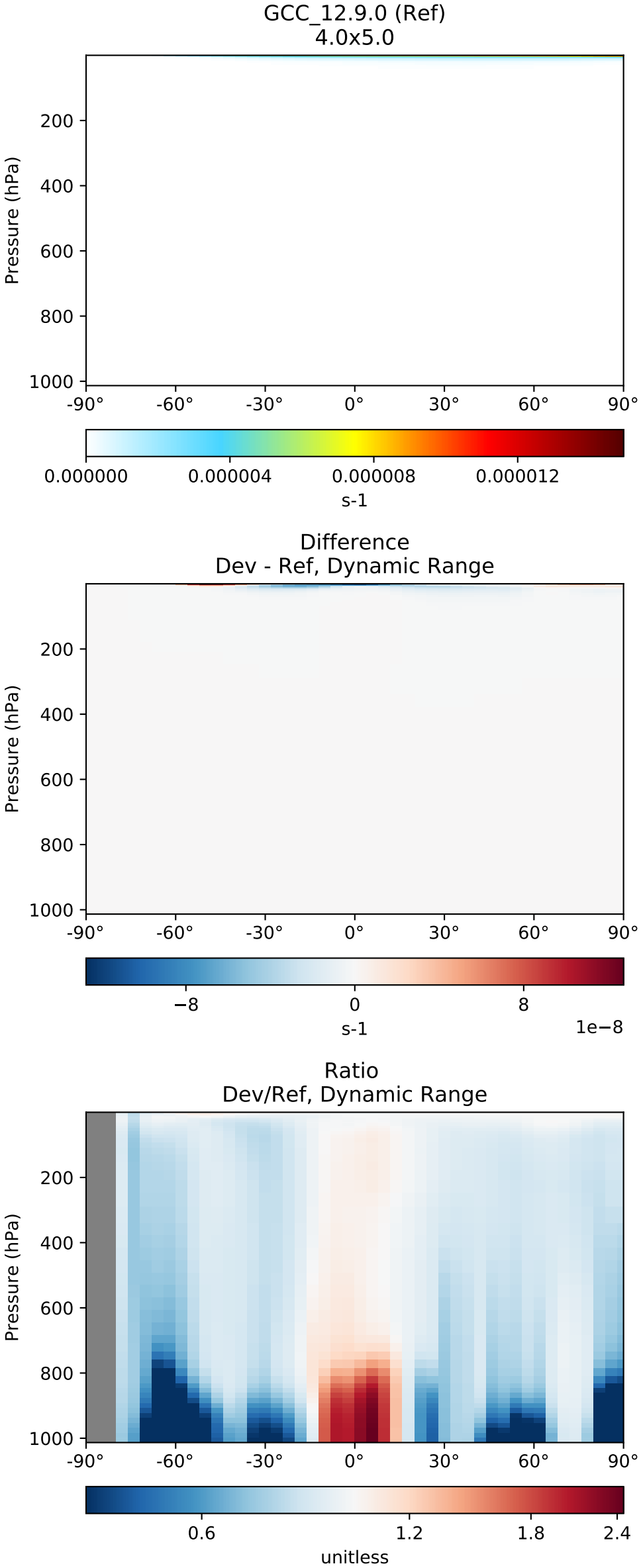



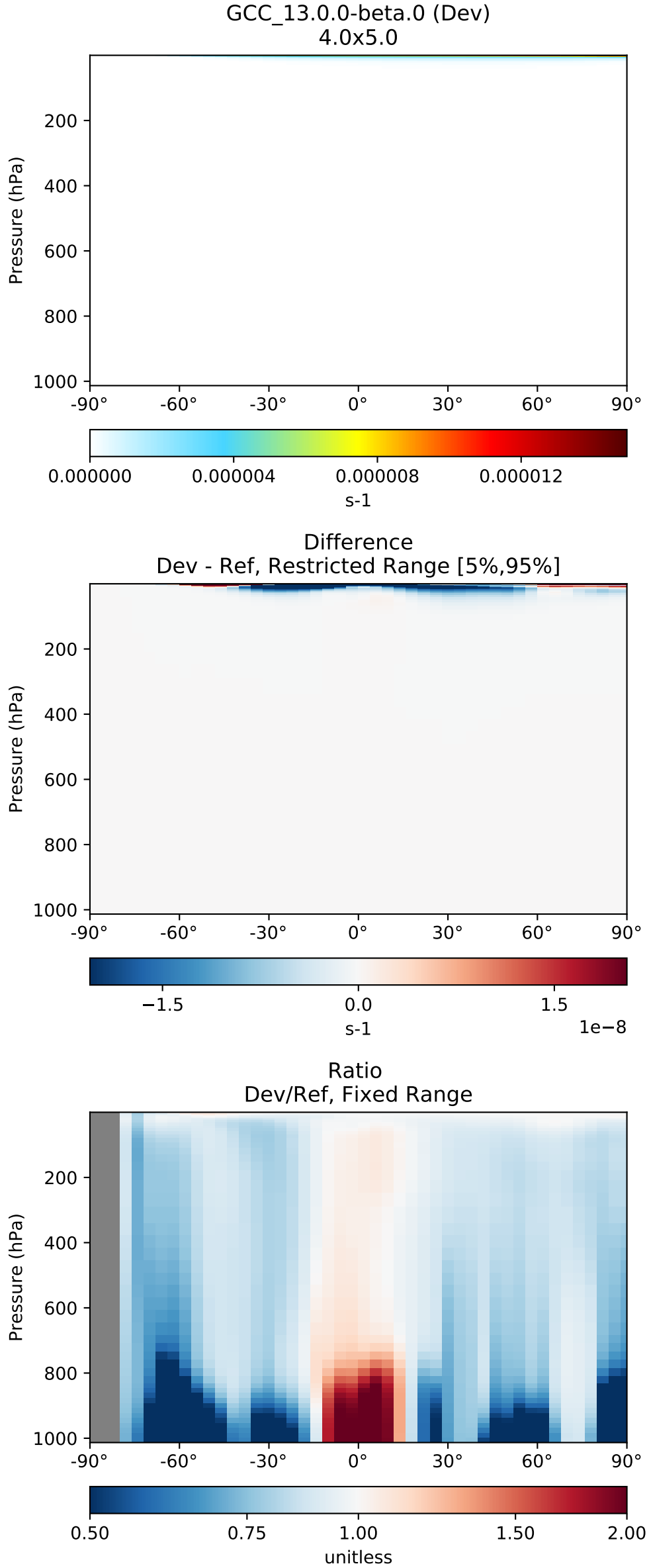
# Jval_CH3Br, Zonal Mean



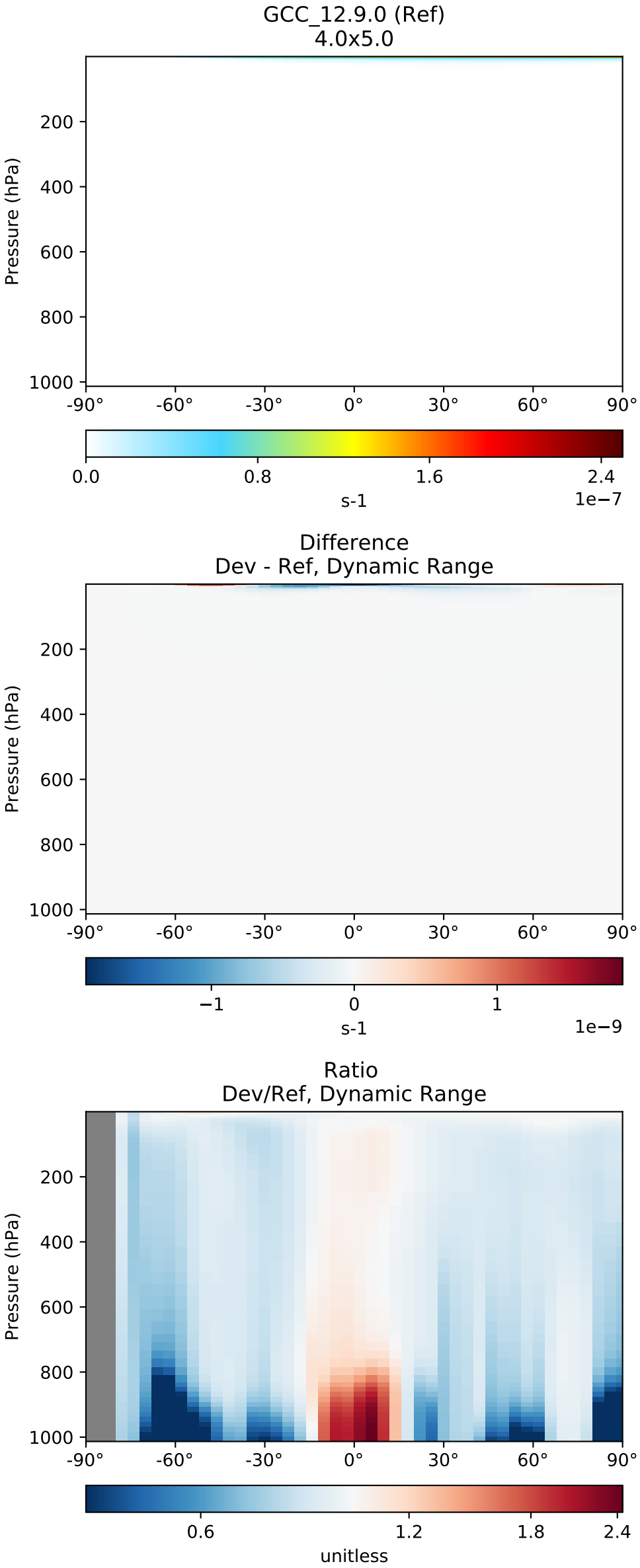



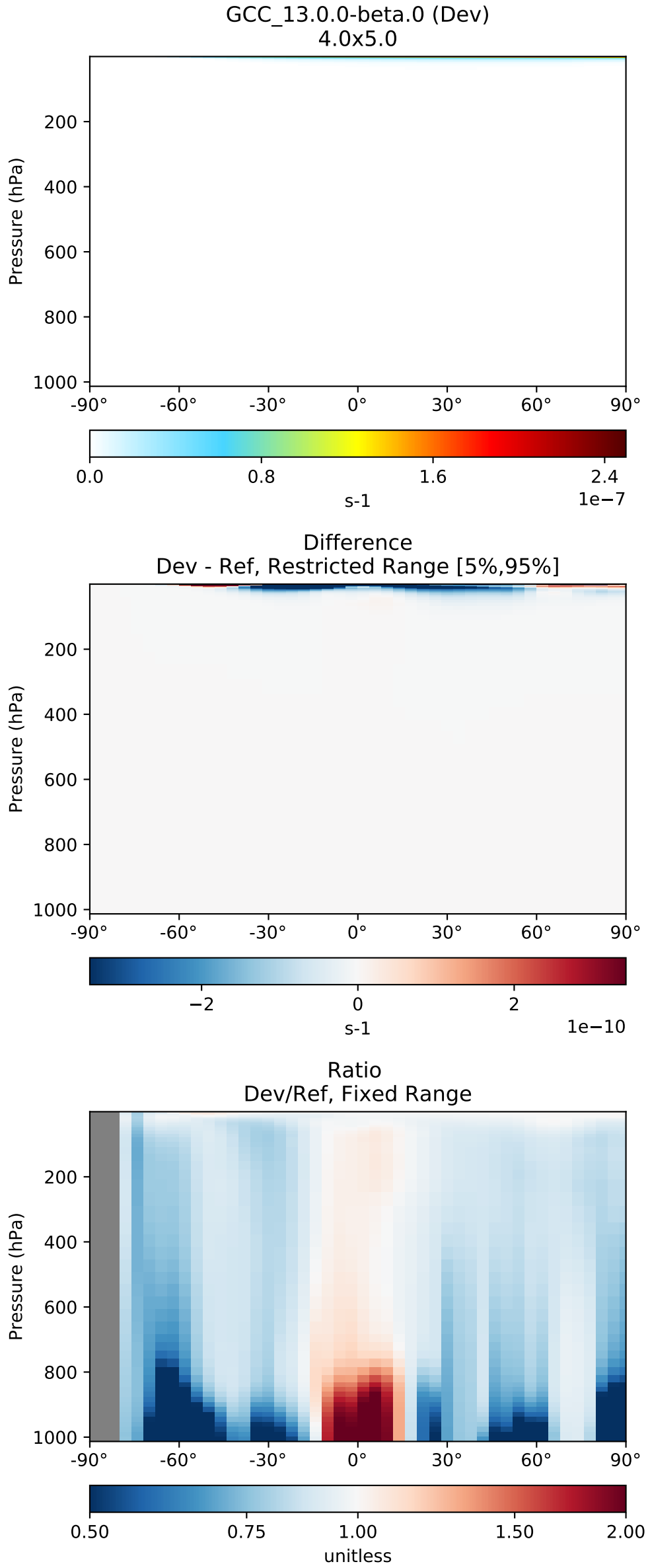
# Jval_CH3CCl3, Zonal Mean



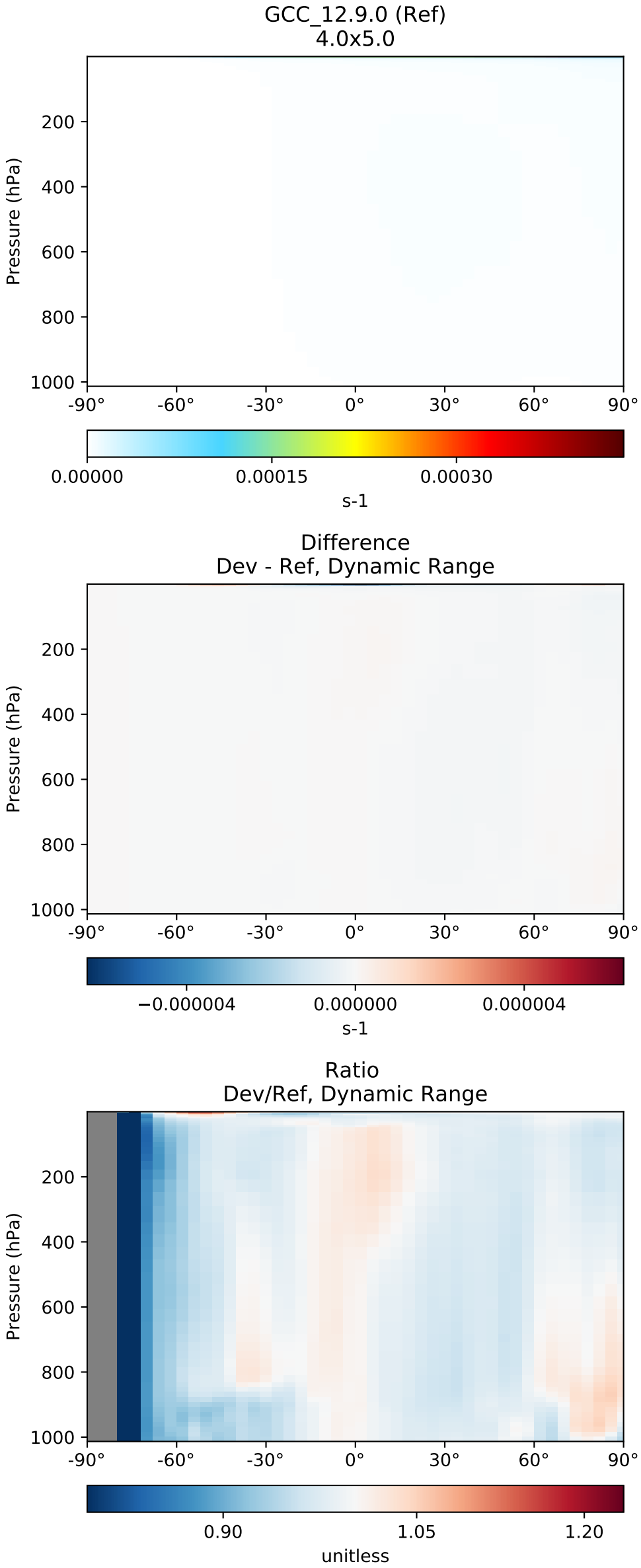



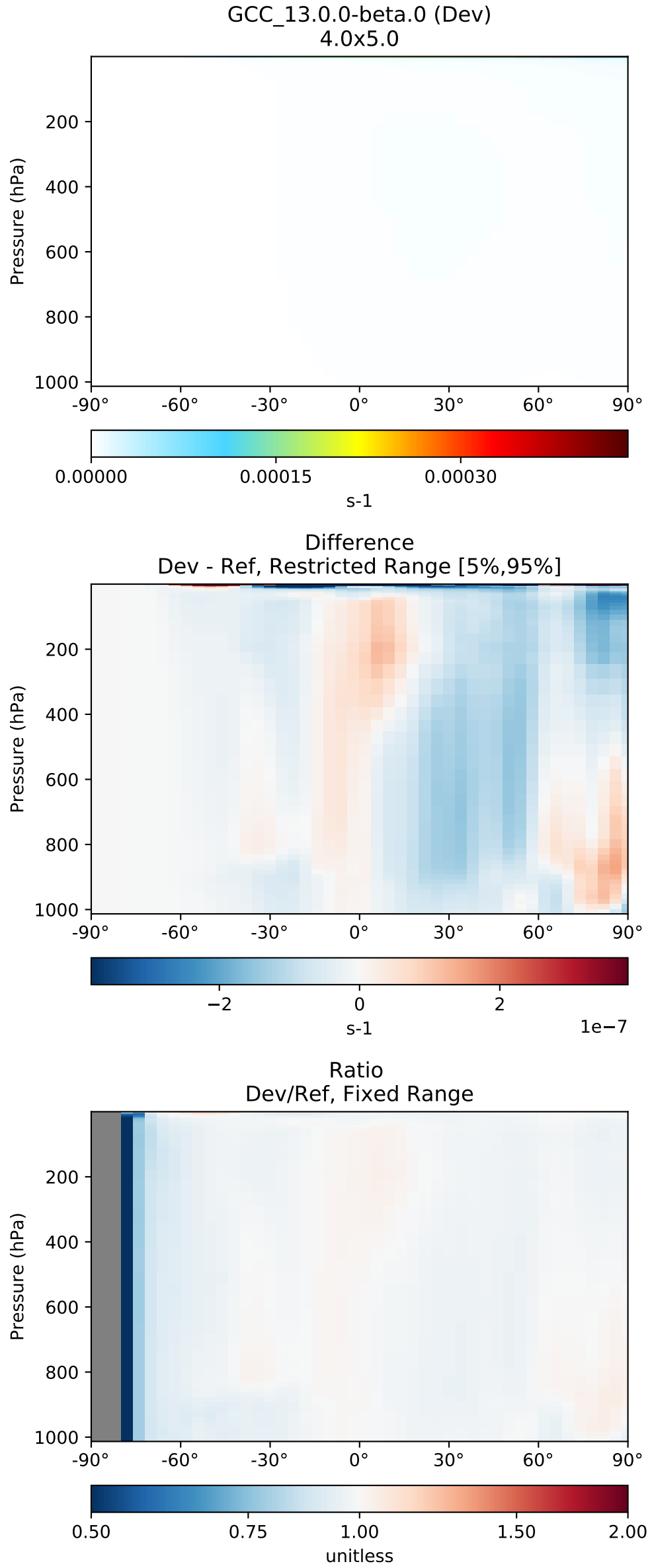
# Jval_CH3Cl, Zonal Mean



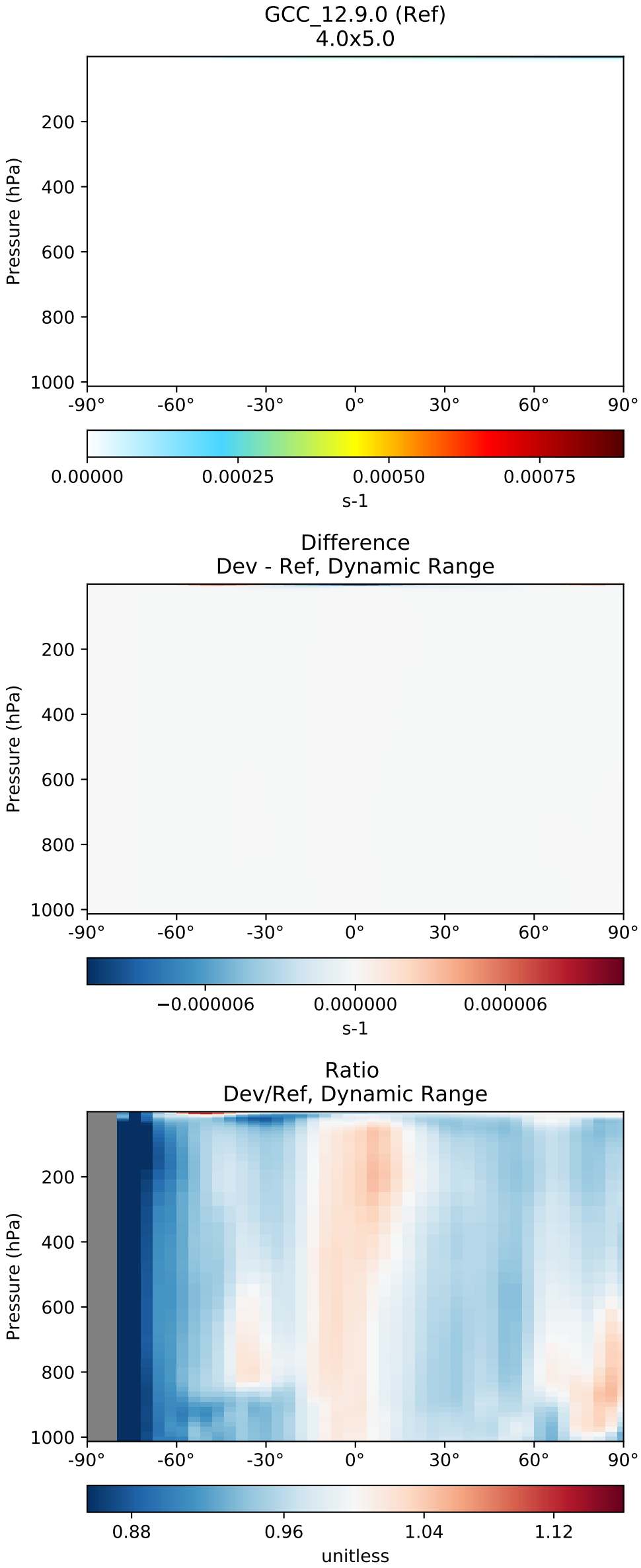



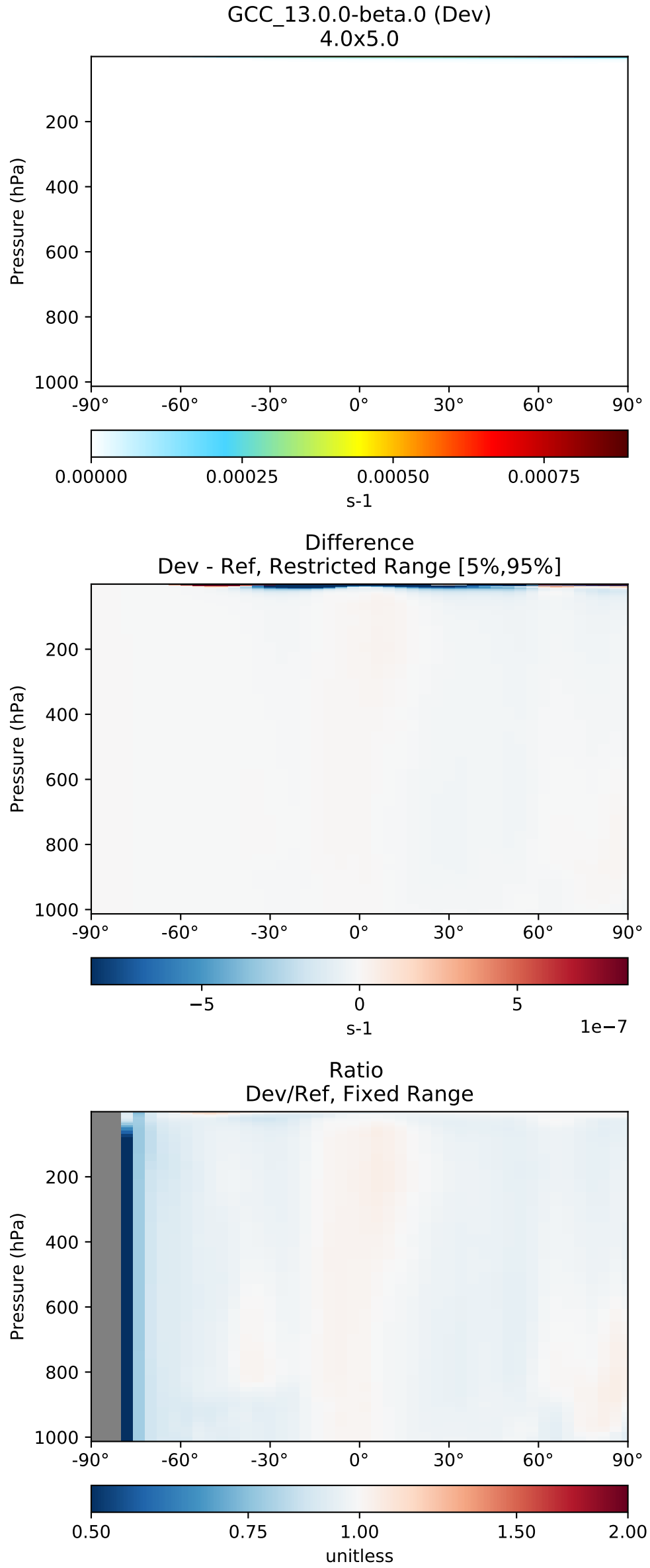
# Jval_CH3I, Zonal Mean



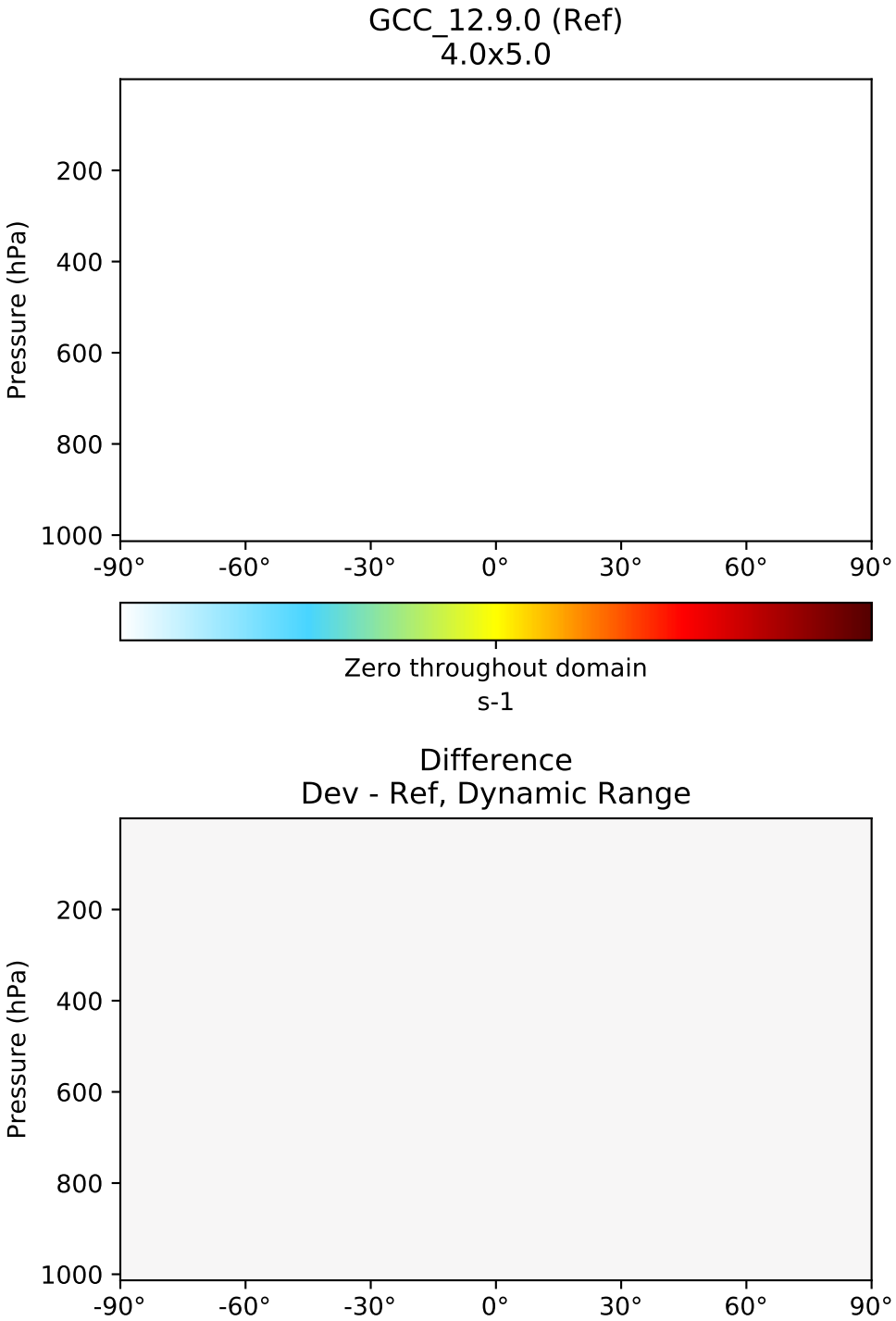



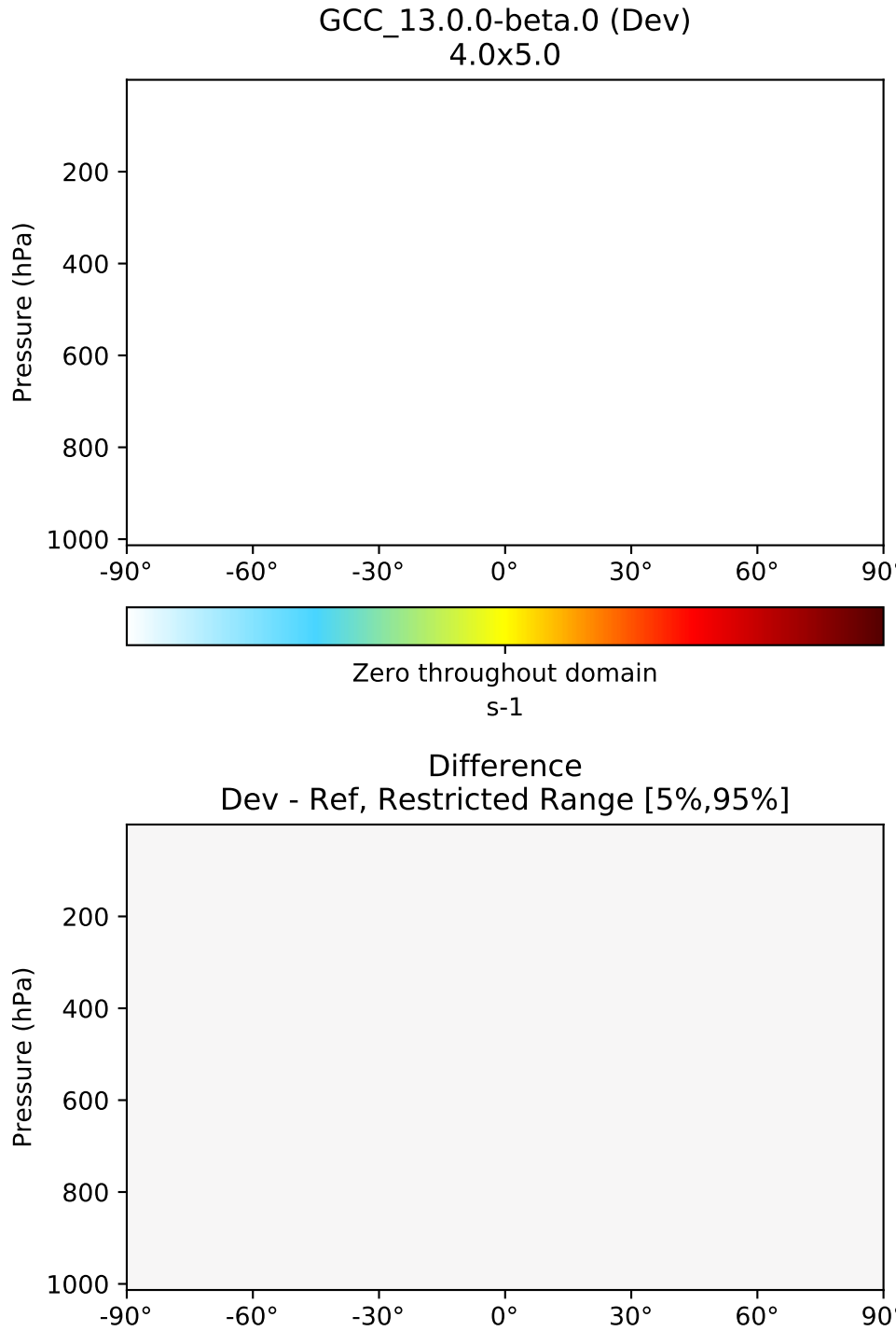
# Jval_CHBr3, Zonal Mean

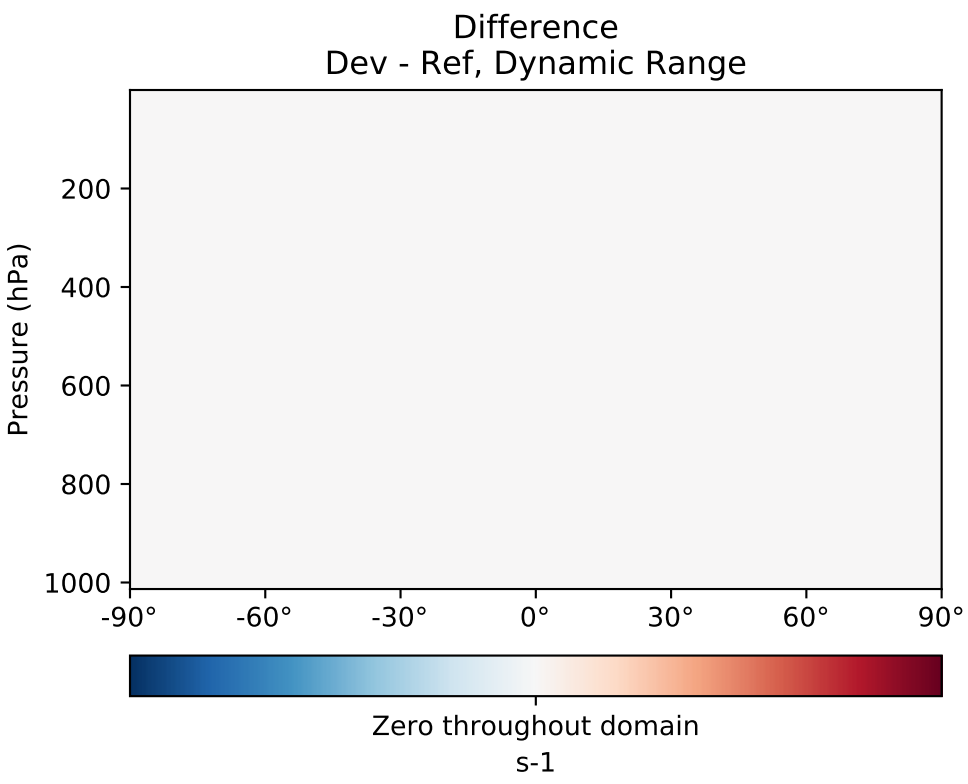


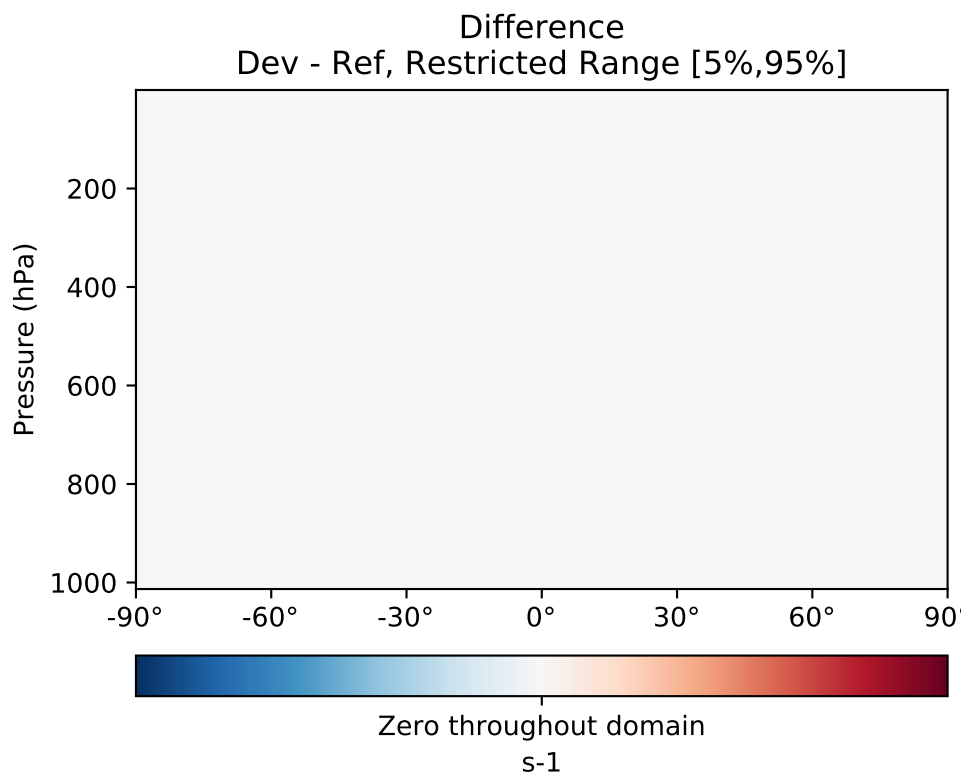



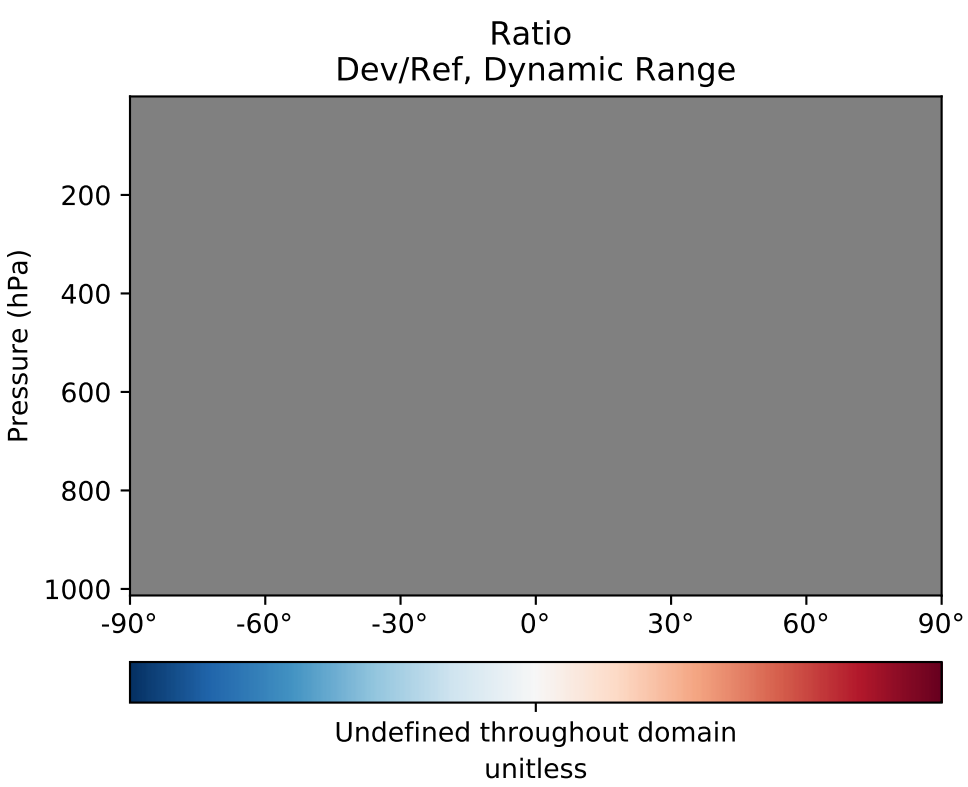
# Jval_CHCl3, Zonal Mean

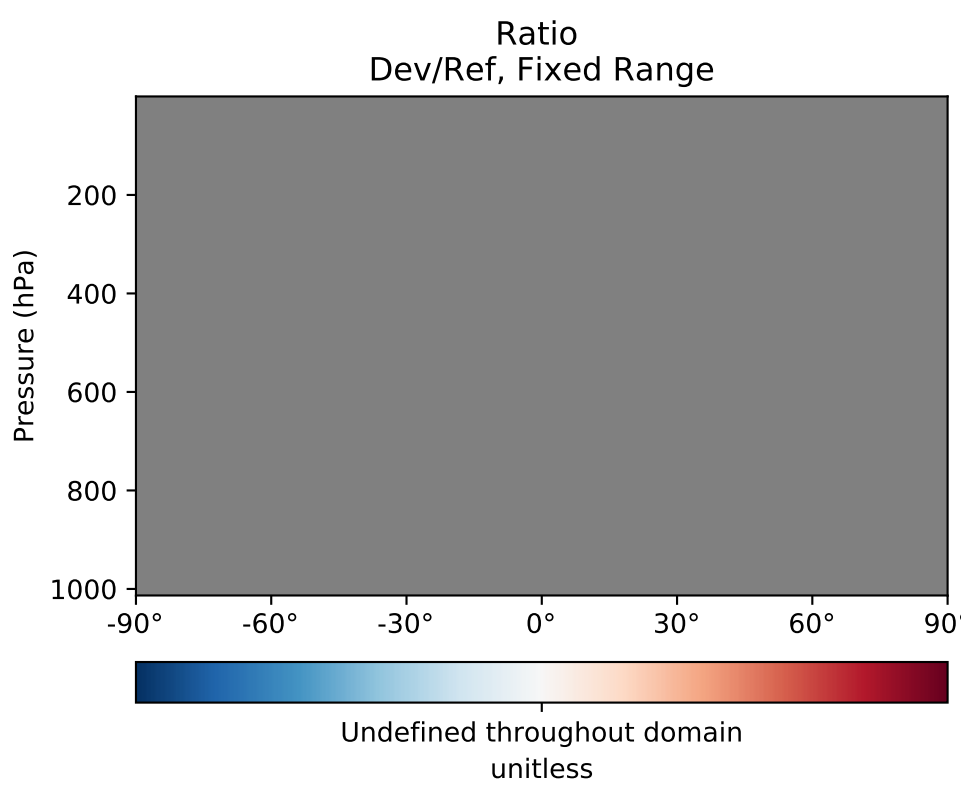


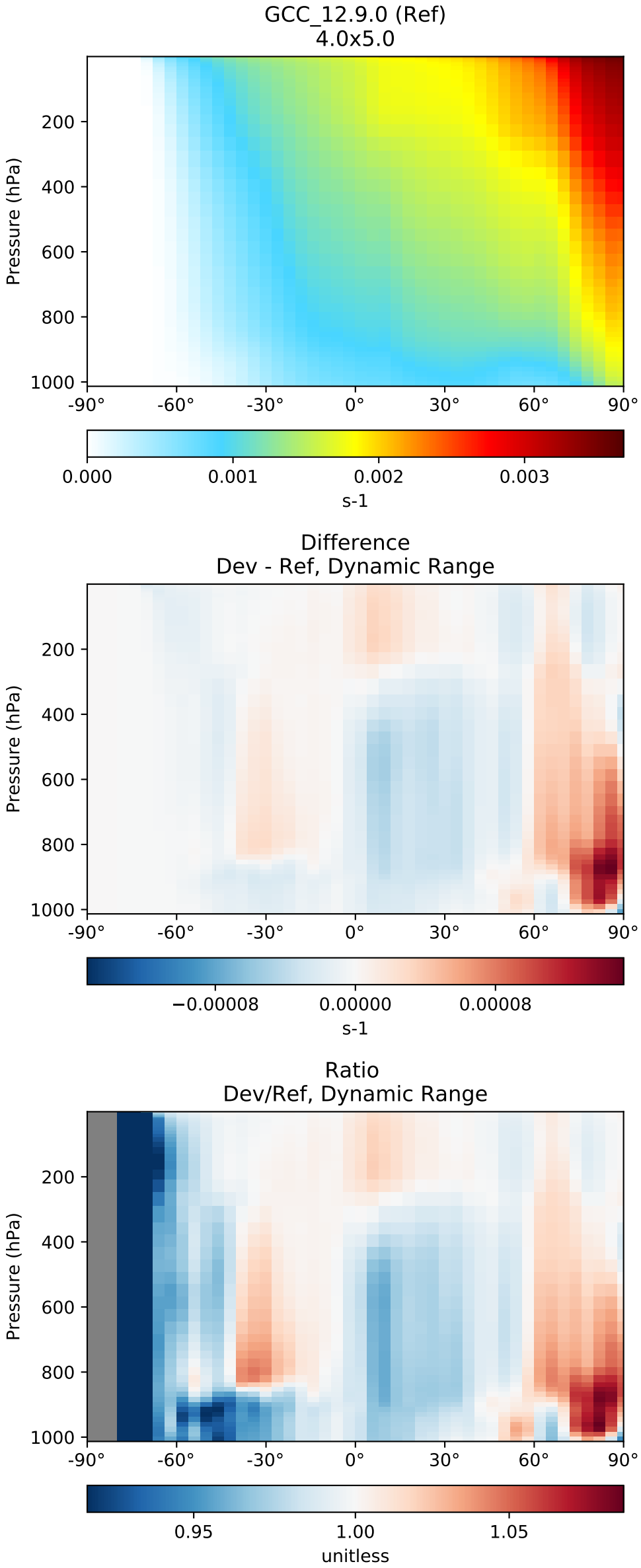



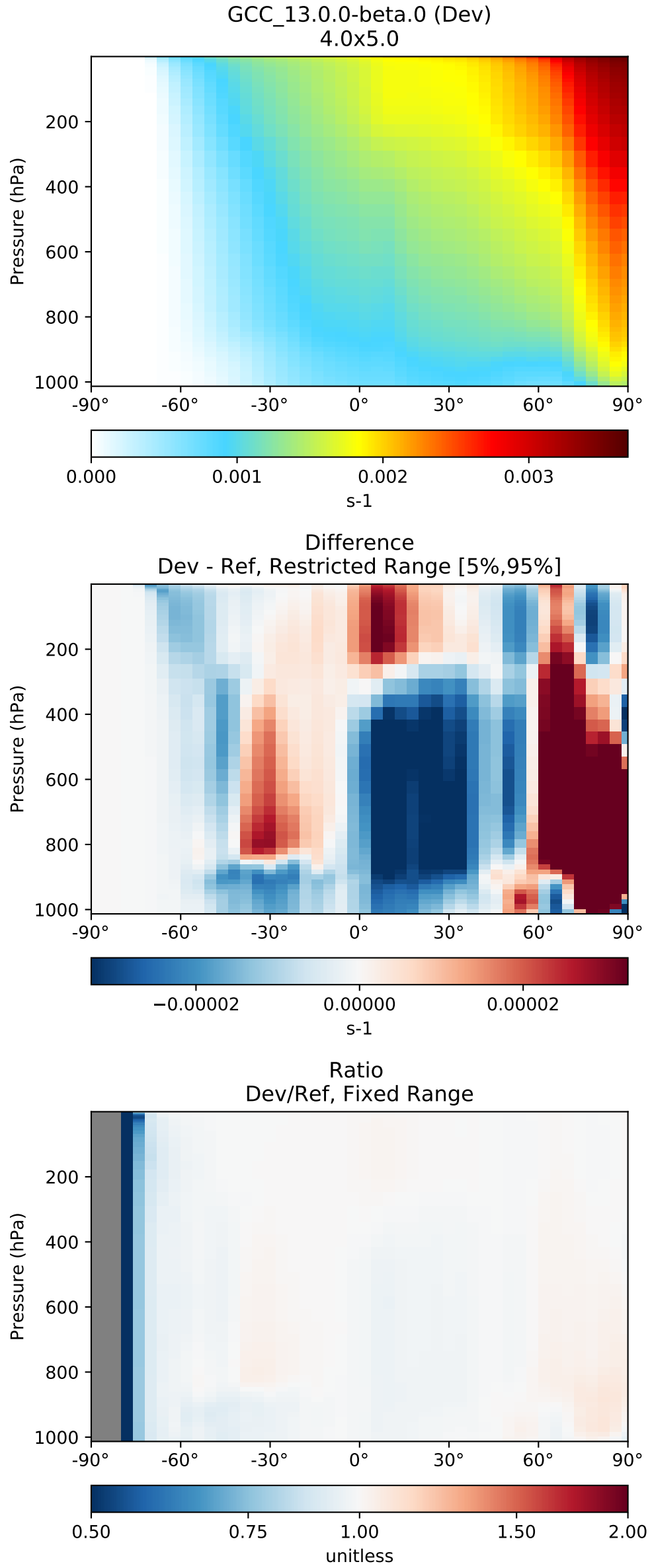



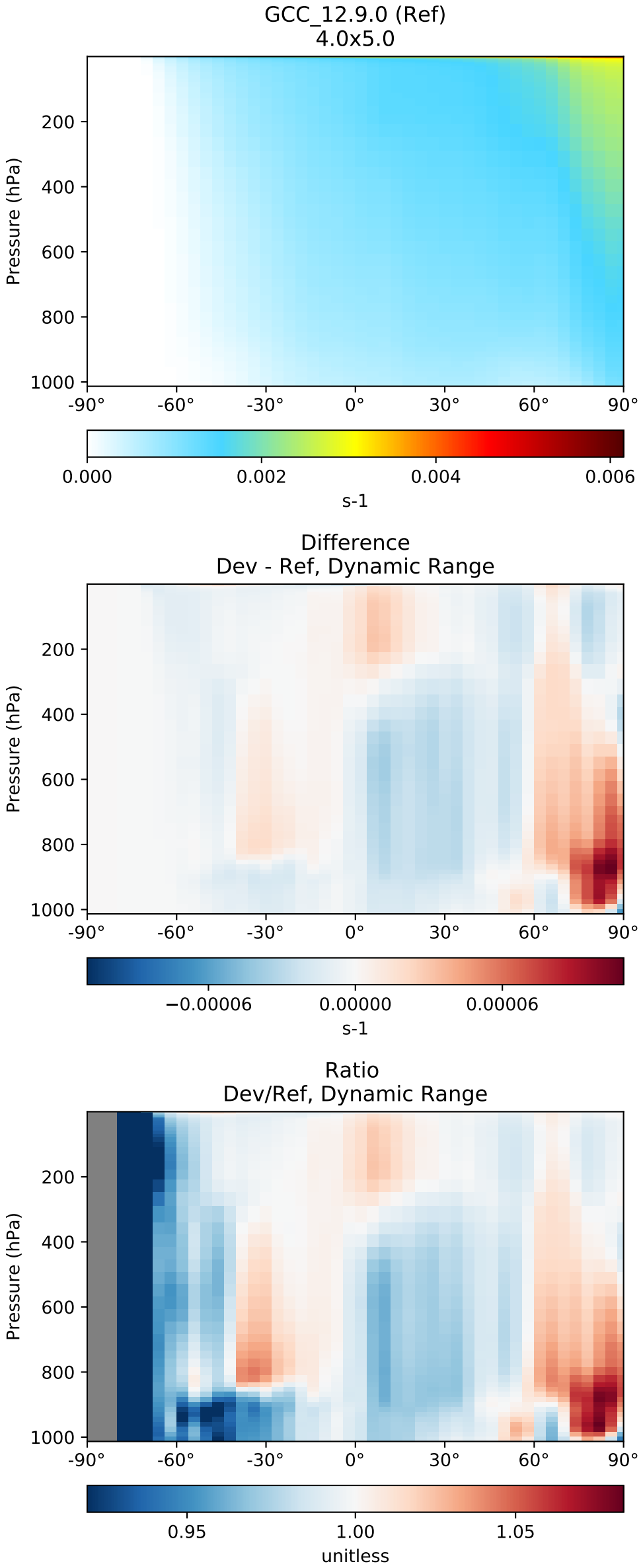



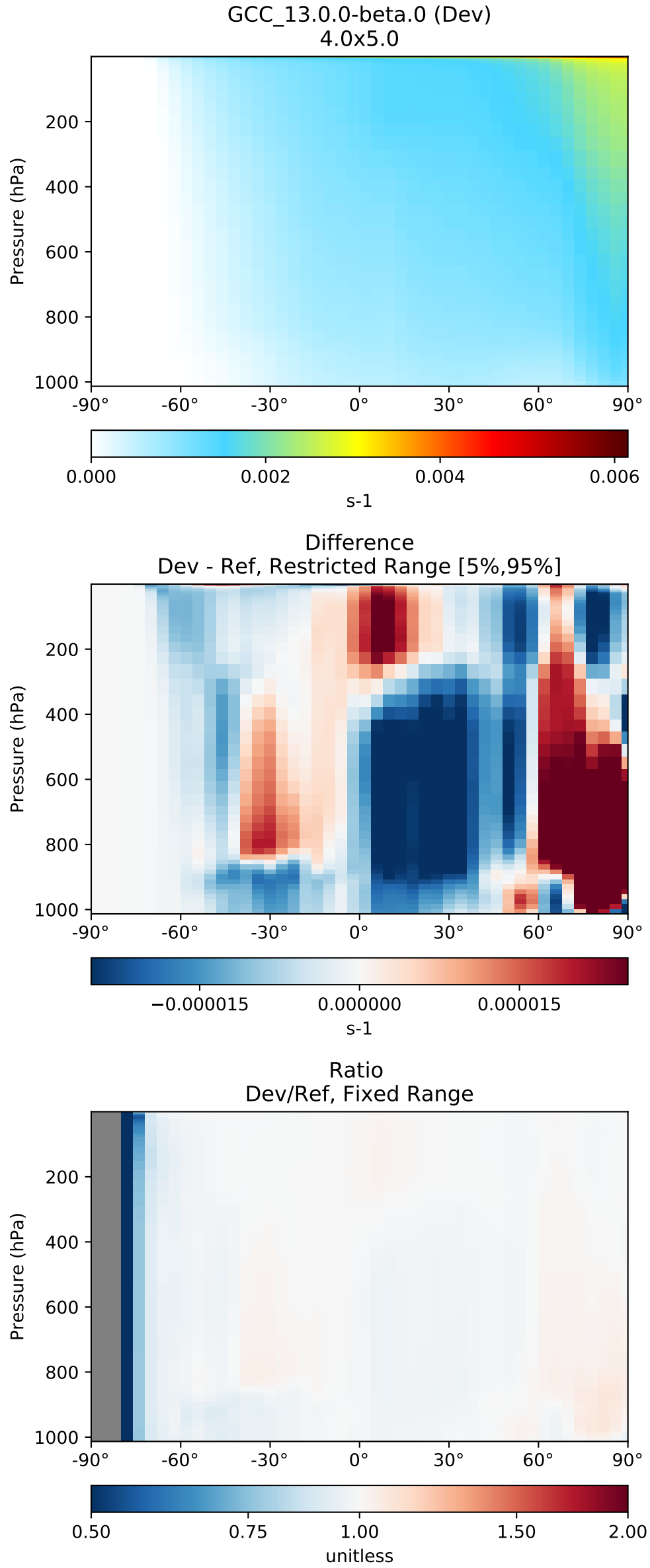
# Jval_Cl2, Zonal Mean



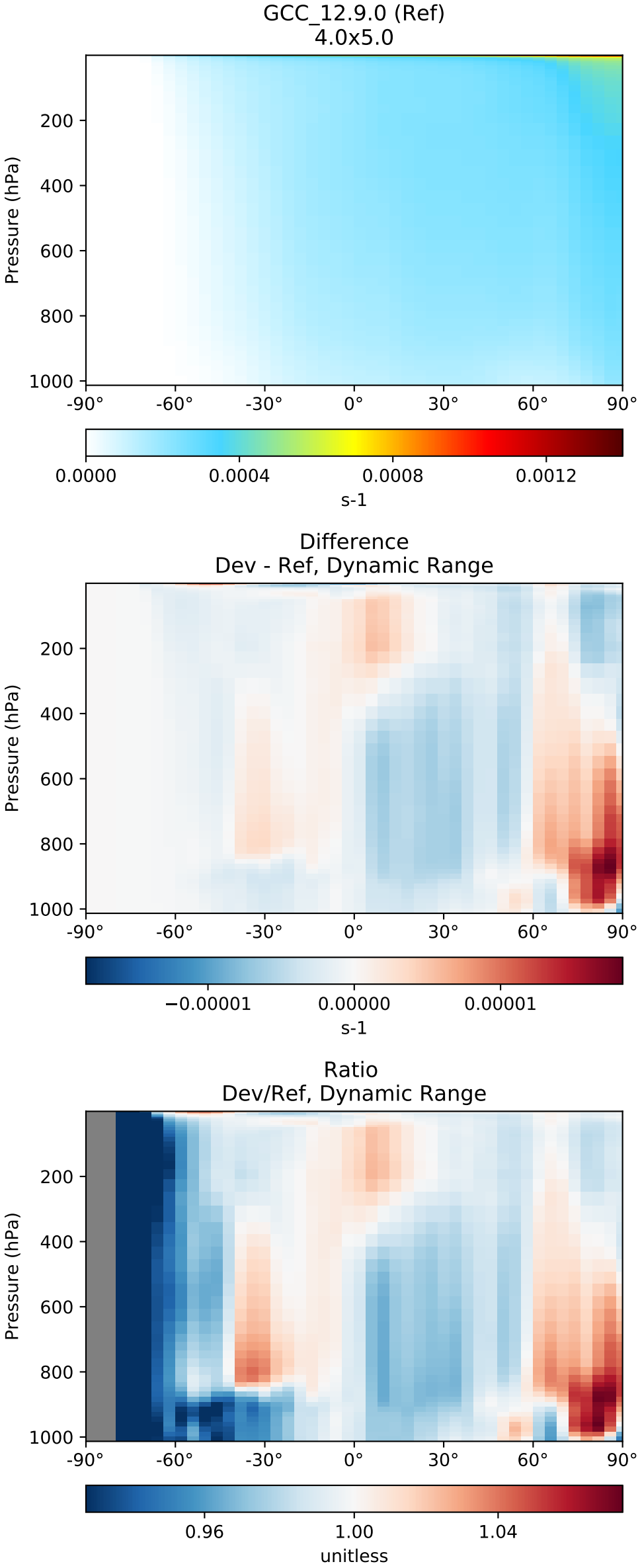



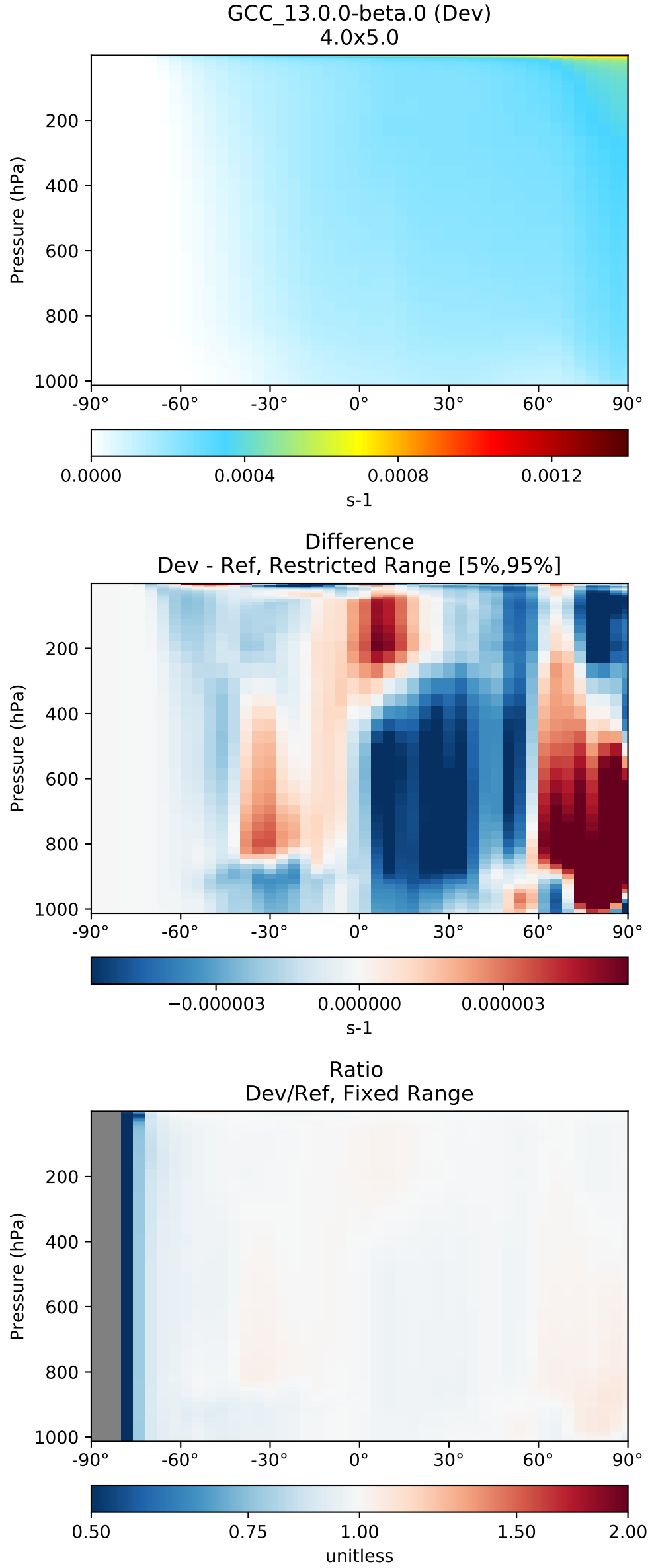
# Jval_Cl2O2, Zonal Mean



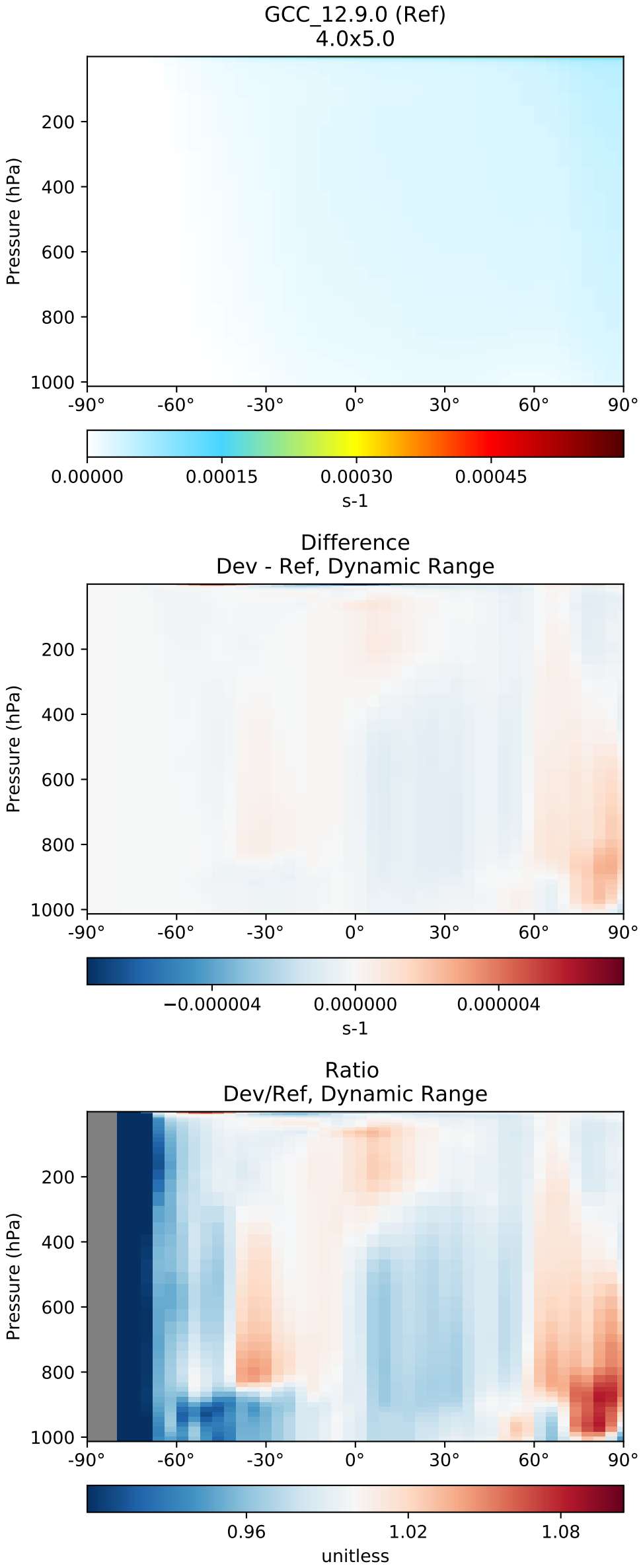



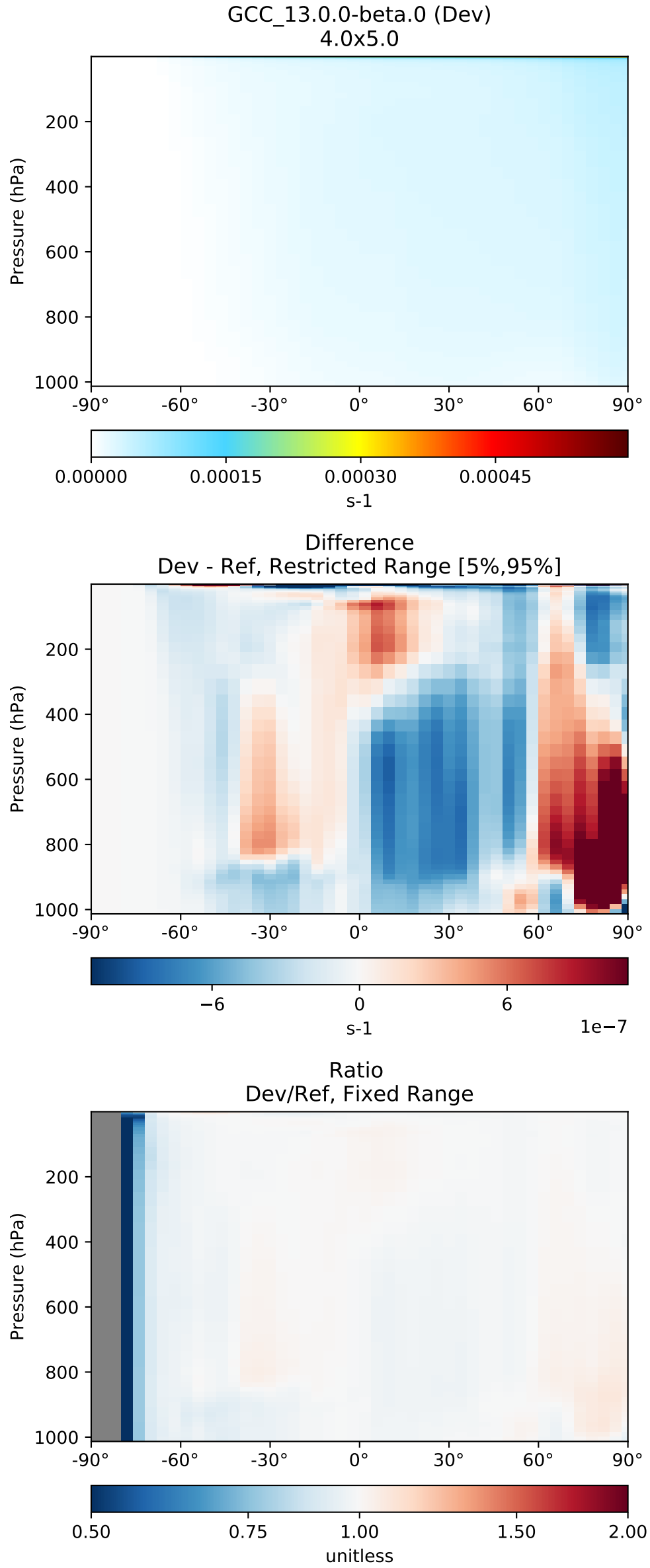
# Jval_ClNO2, Zonal Mean



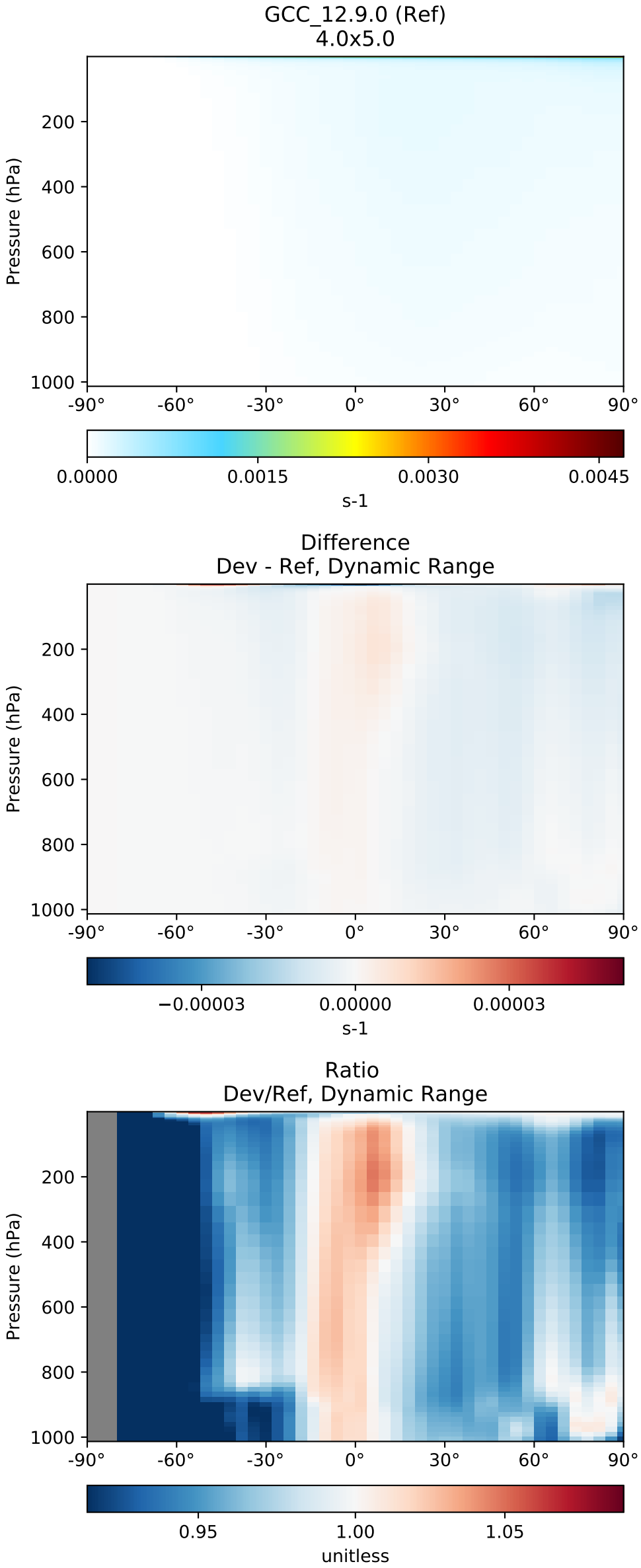



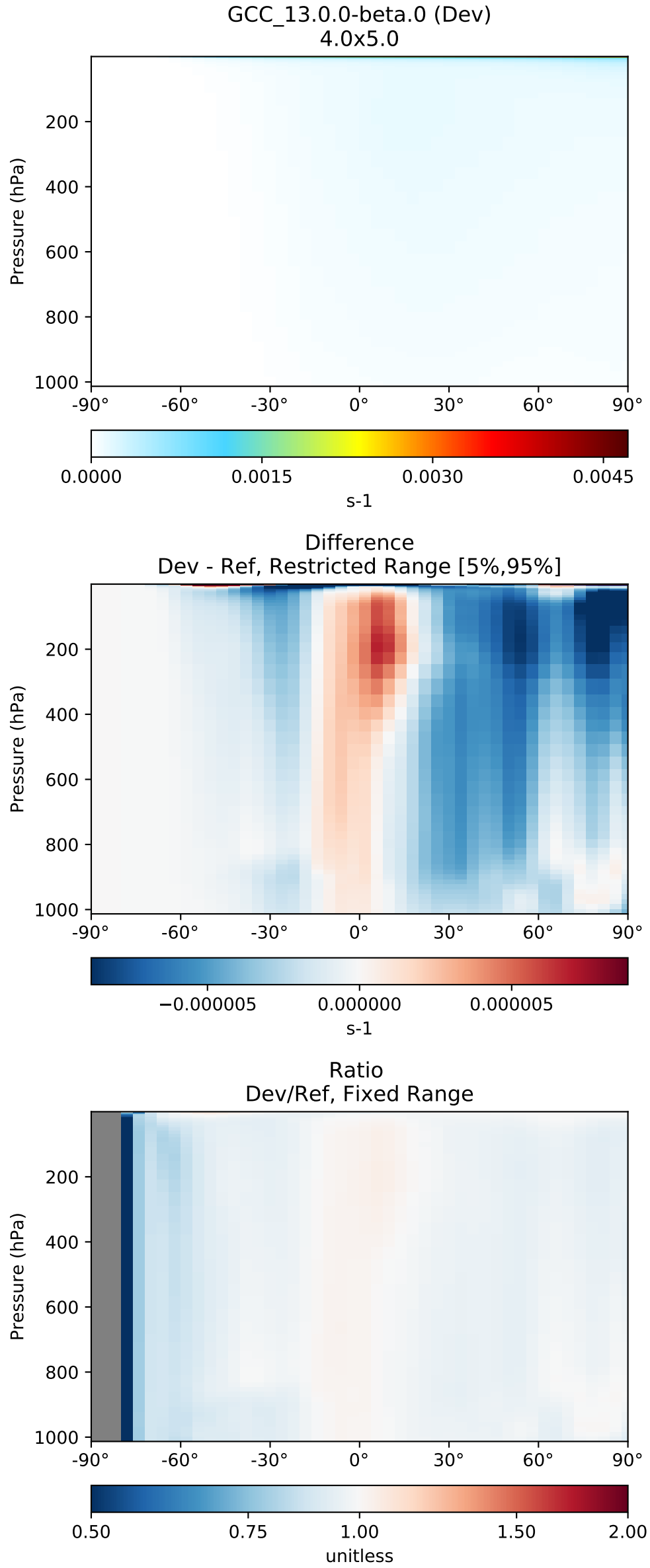
# Jval_ClNO3, Zonal Mean



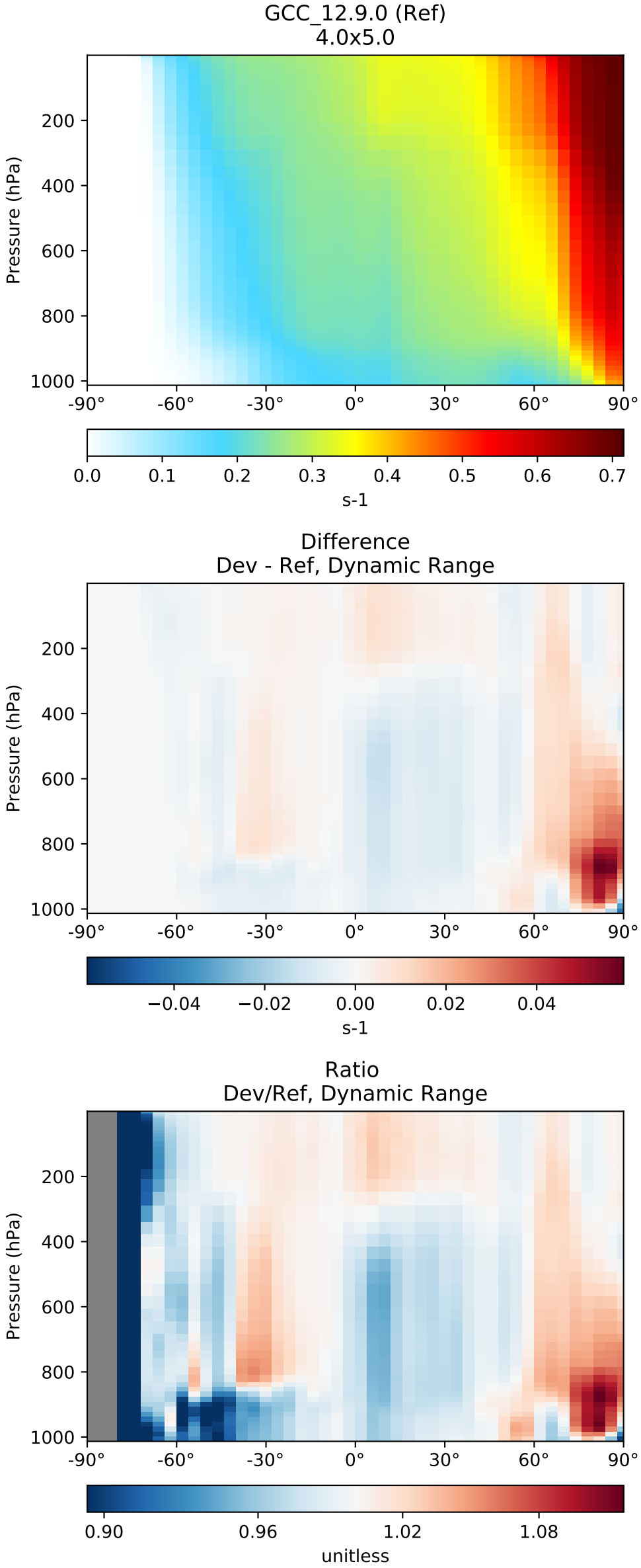



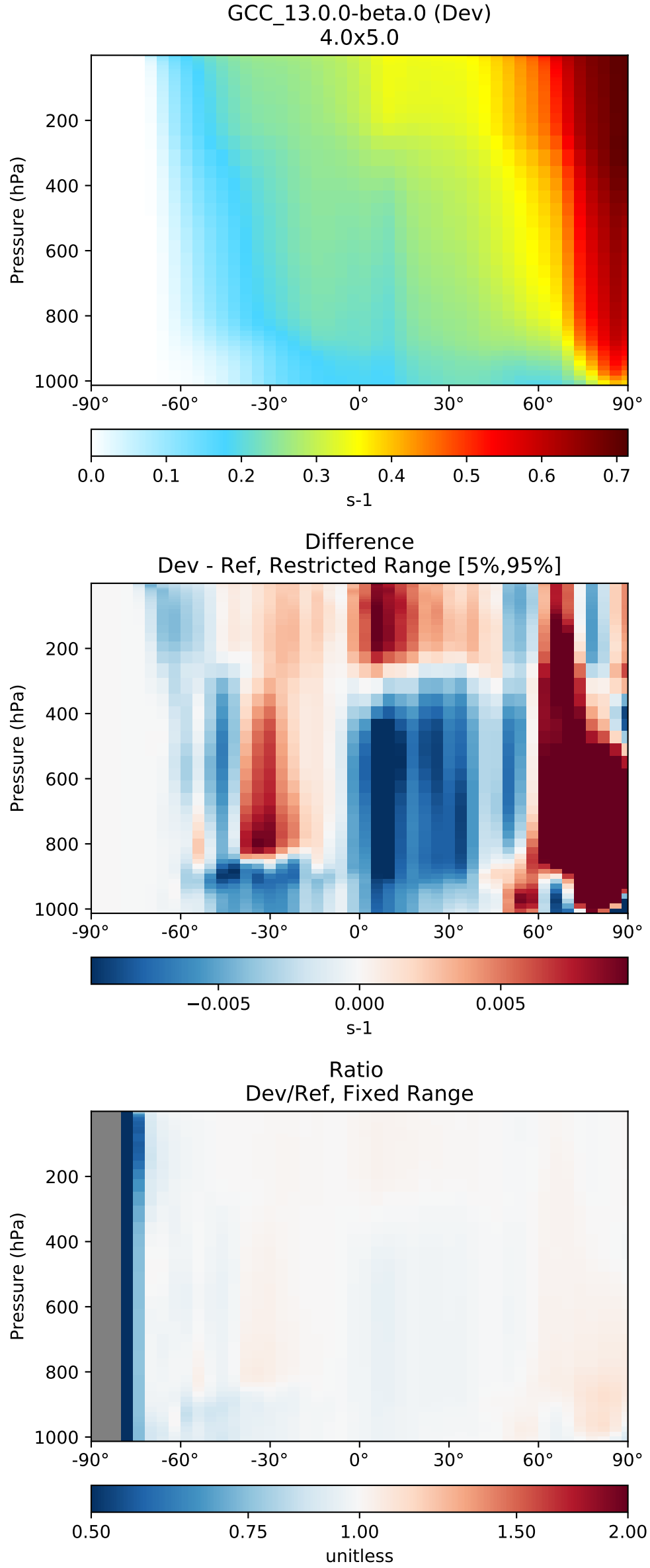
# Jval_ClO, Zonal Mean



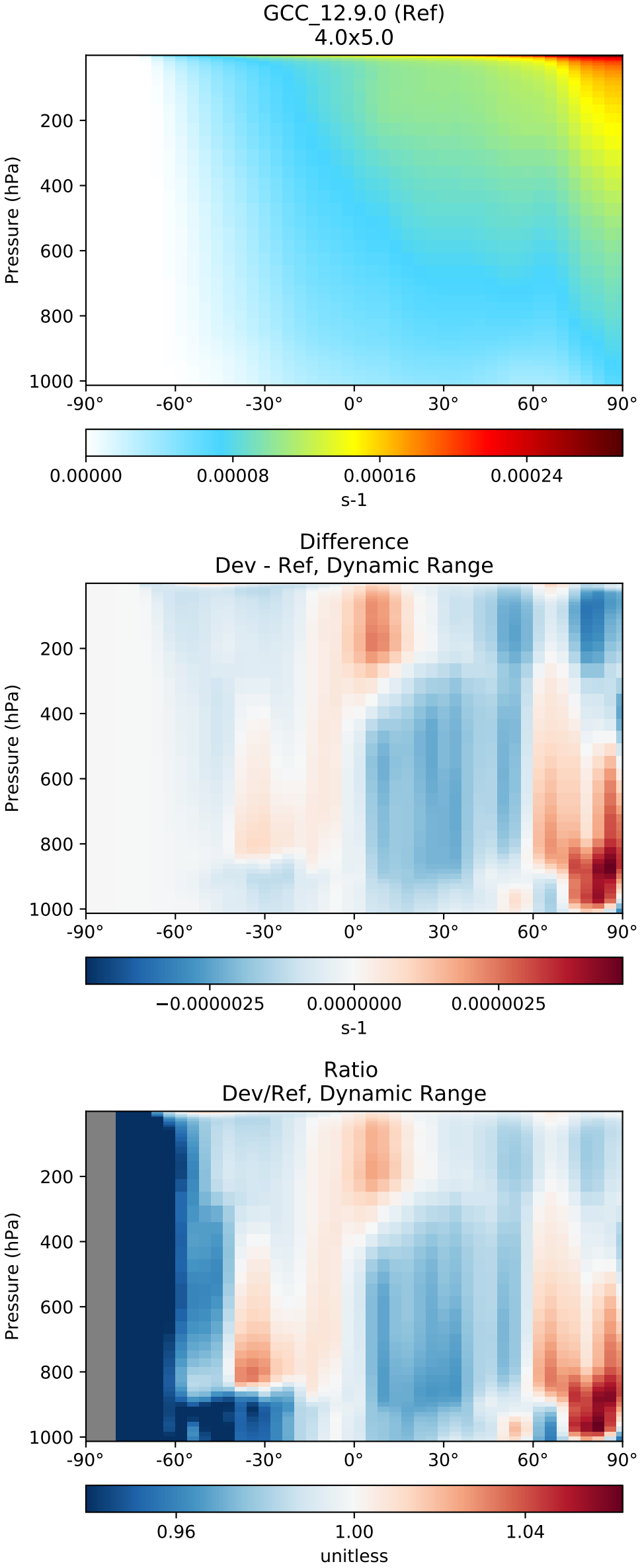



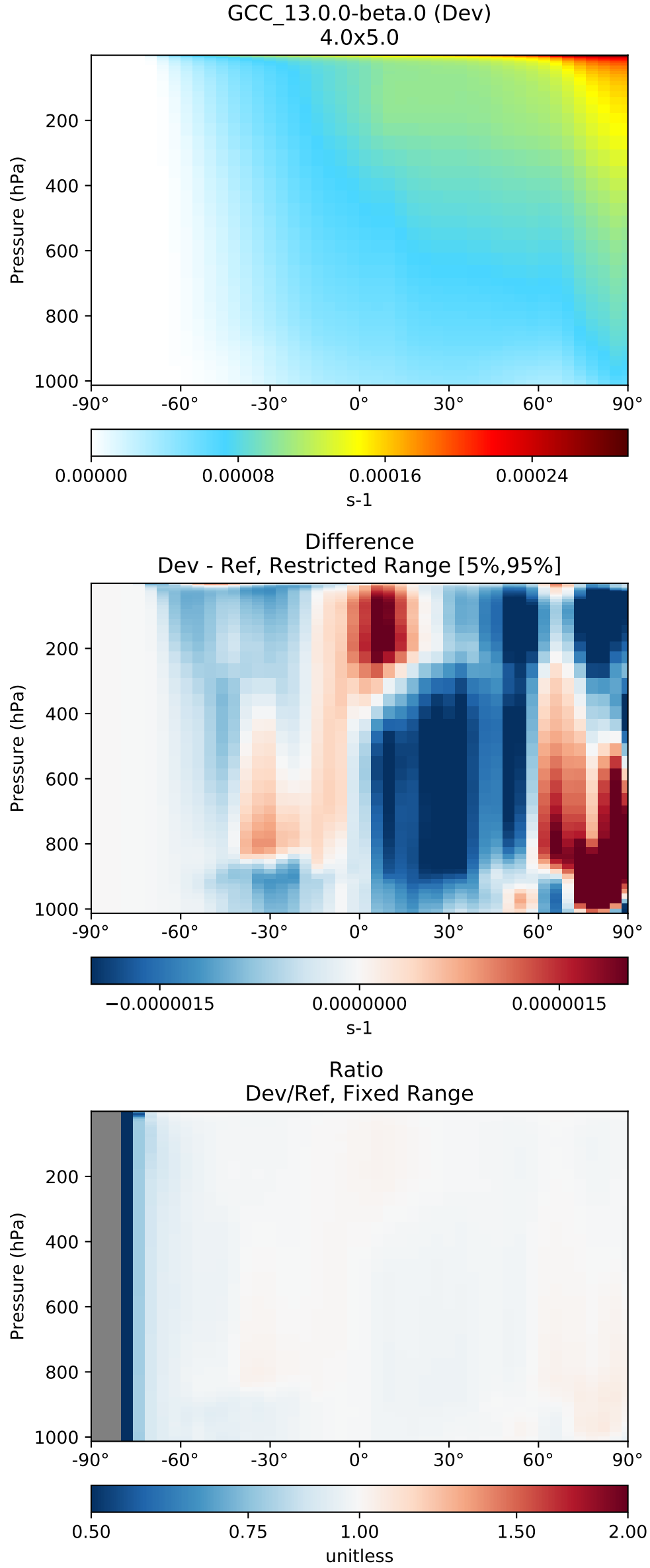
# Jval_ClOO, Zonal Mean



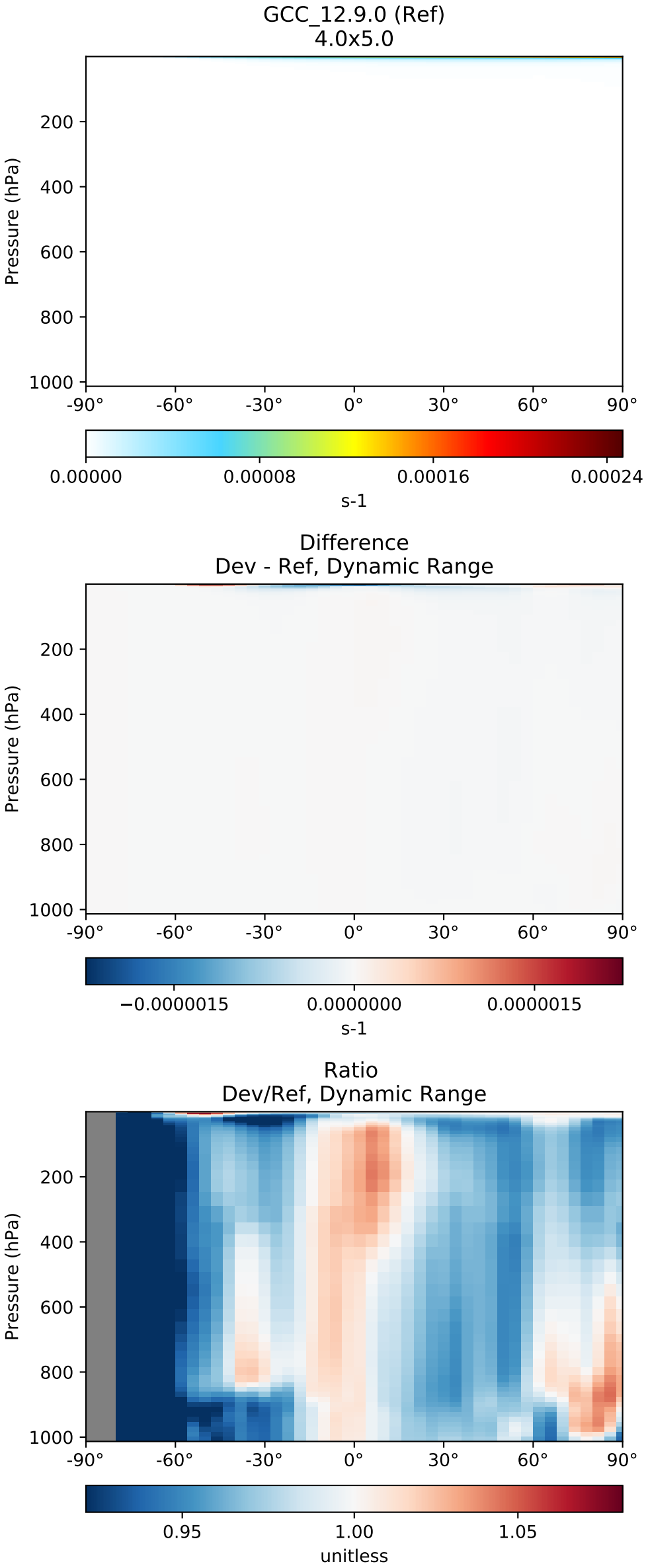



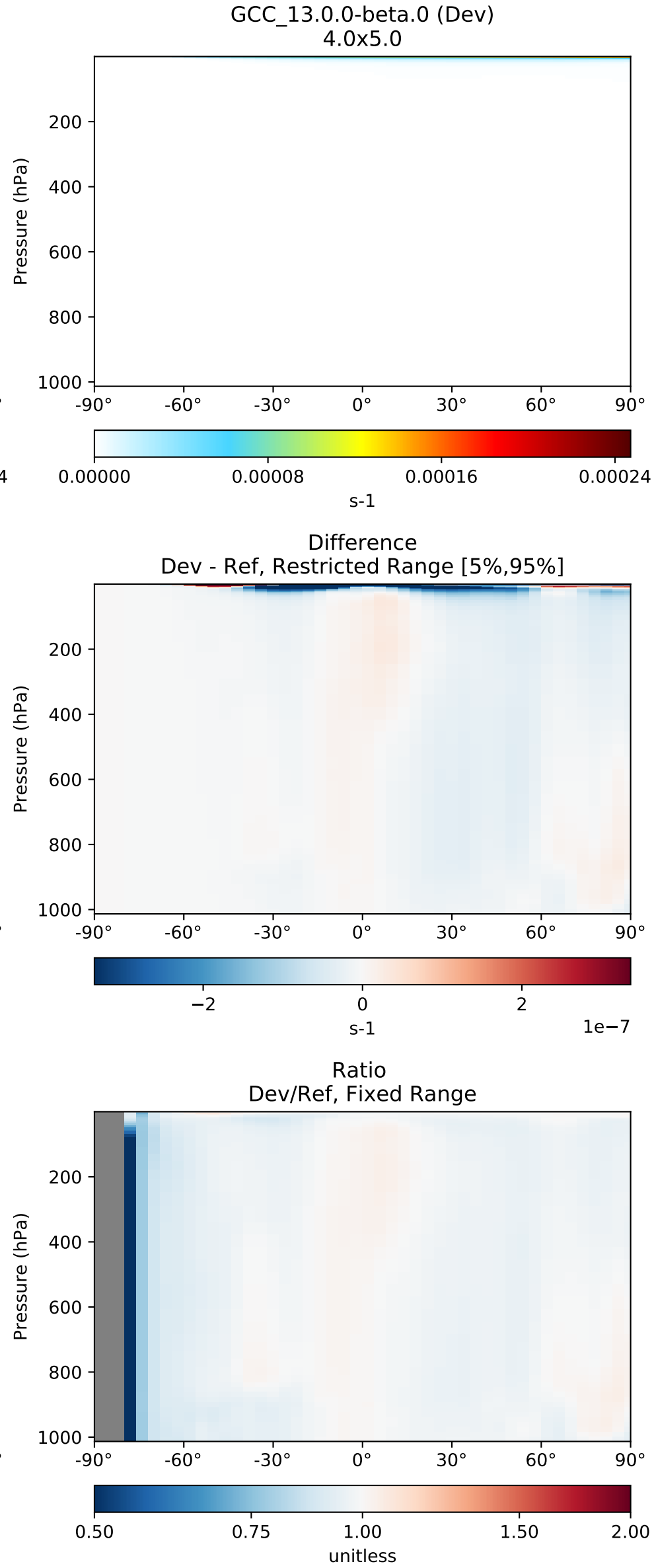
# Jval_ETHLN, Zonal Mean



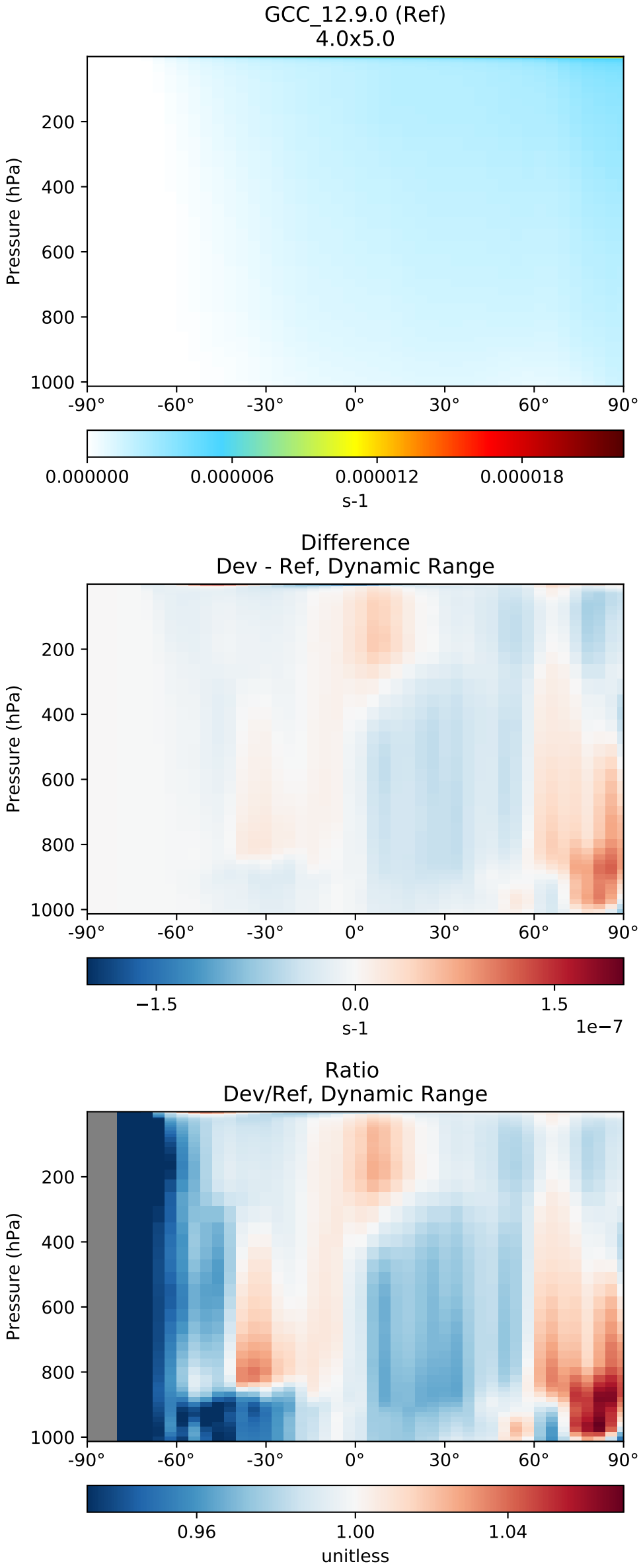



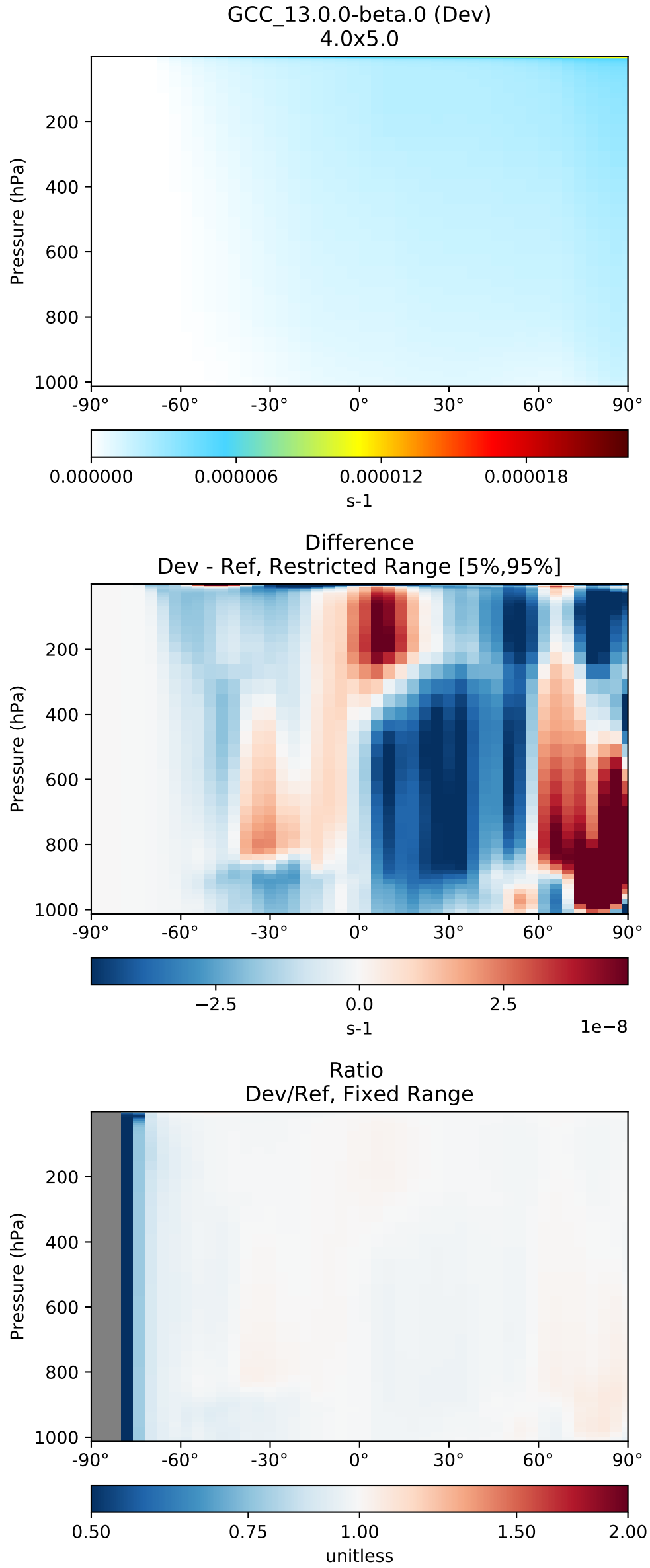
# Jval_ETNO3, Zonal Mean



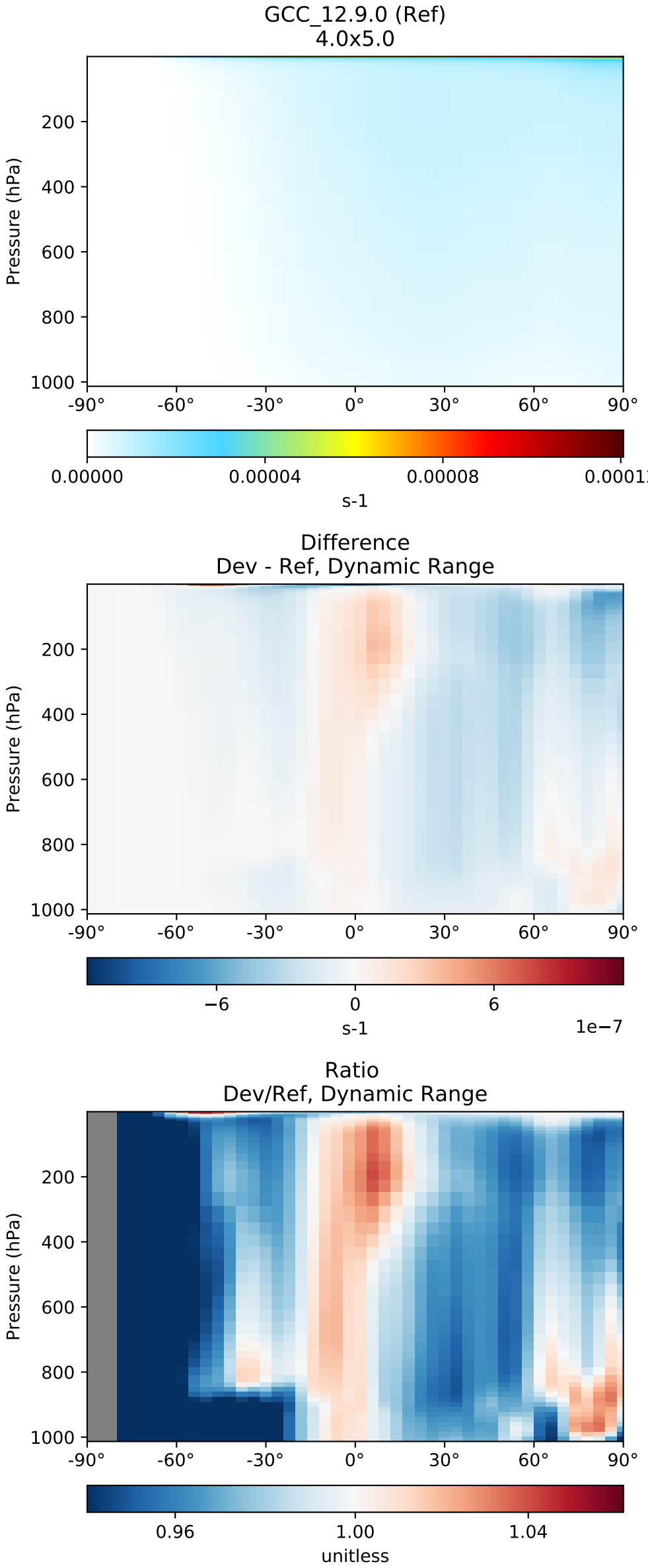



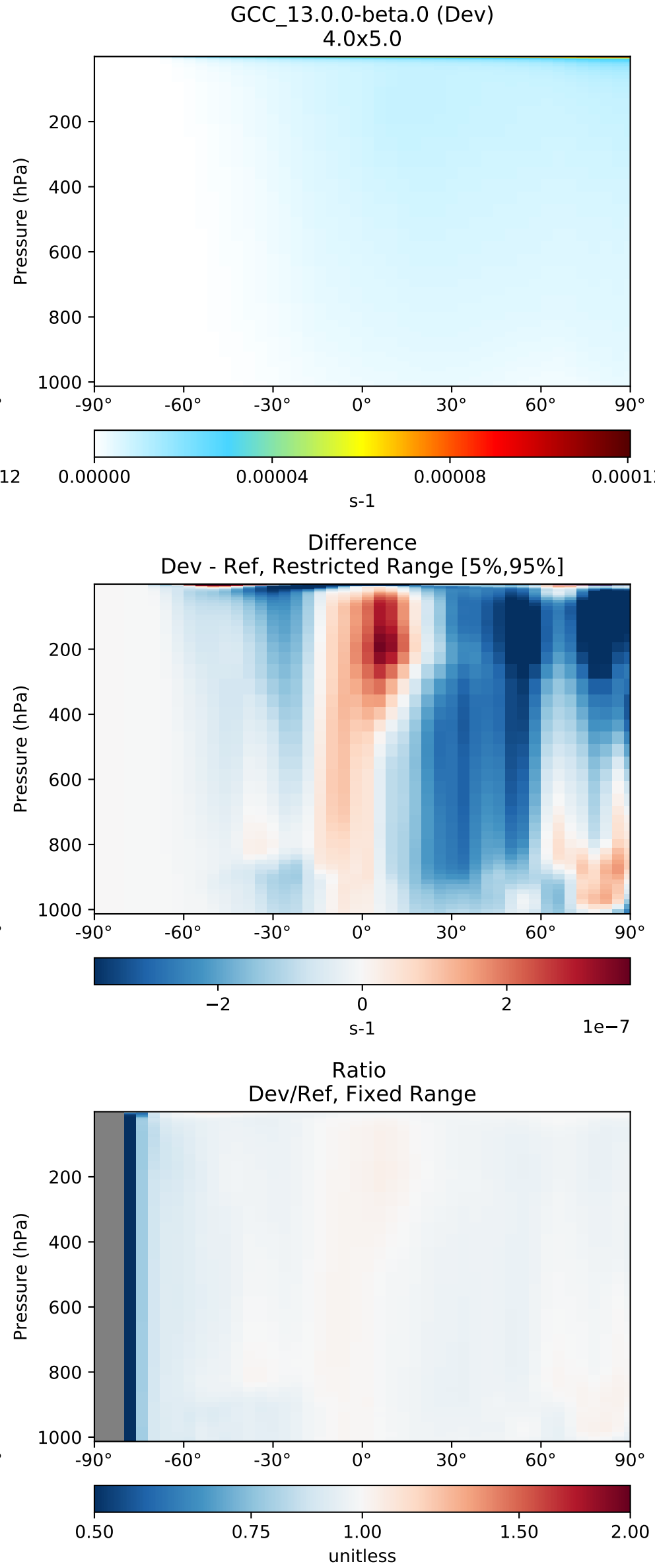
# Jval_ETP, Zonal Mean



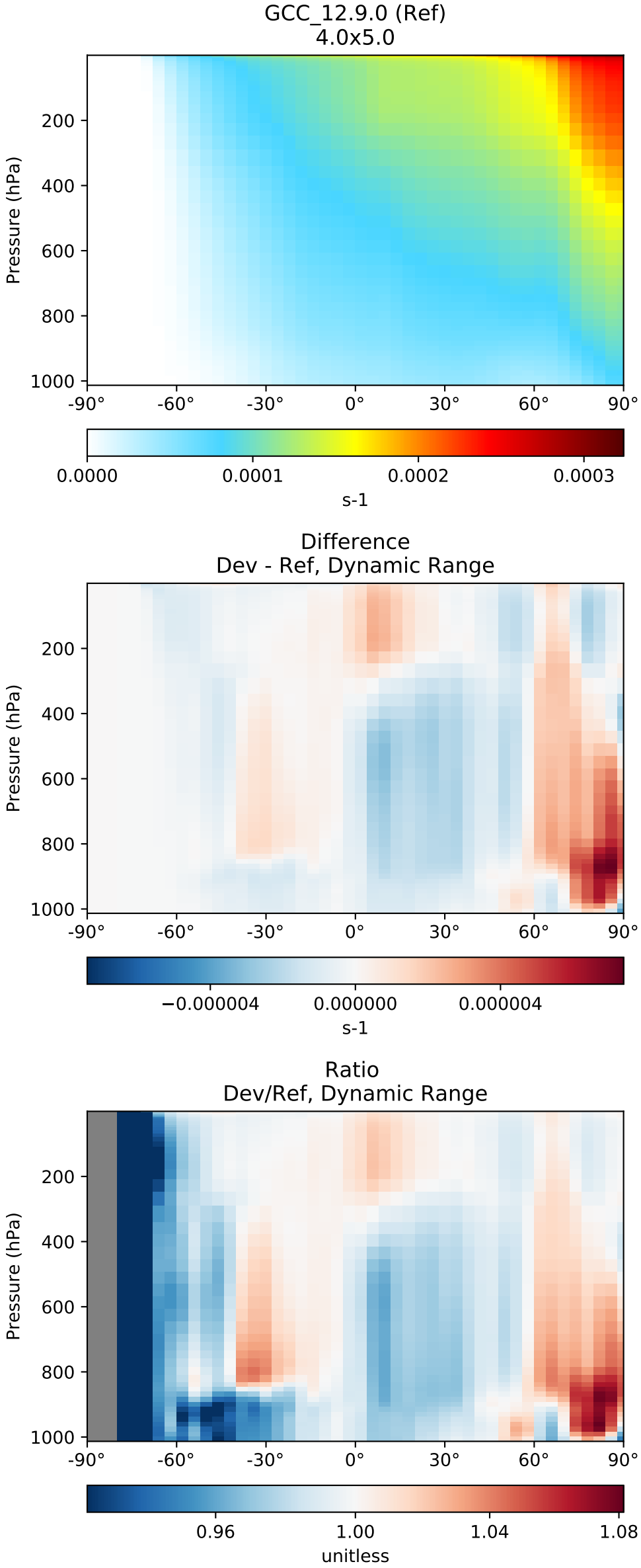



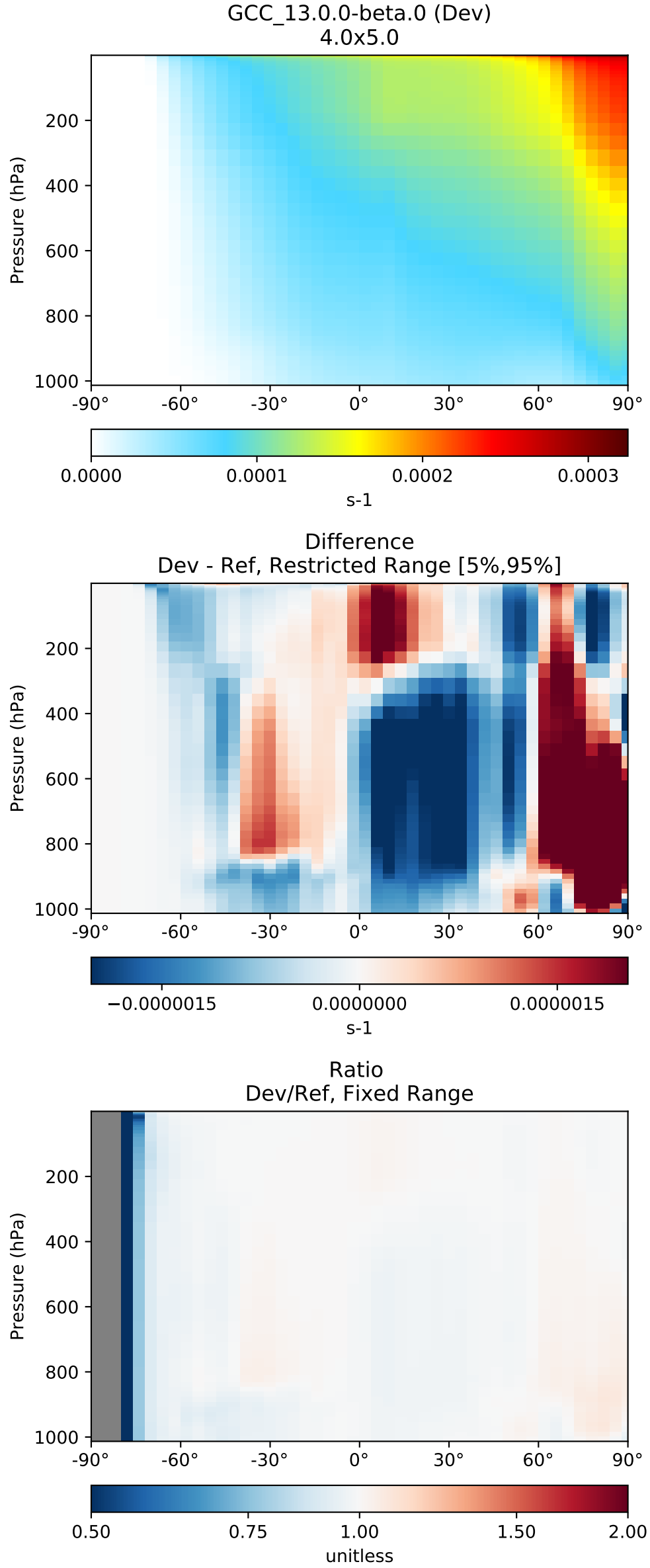
# Jval_GLYC, Zonal Mean



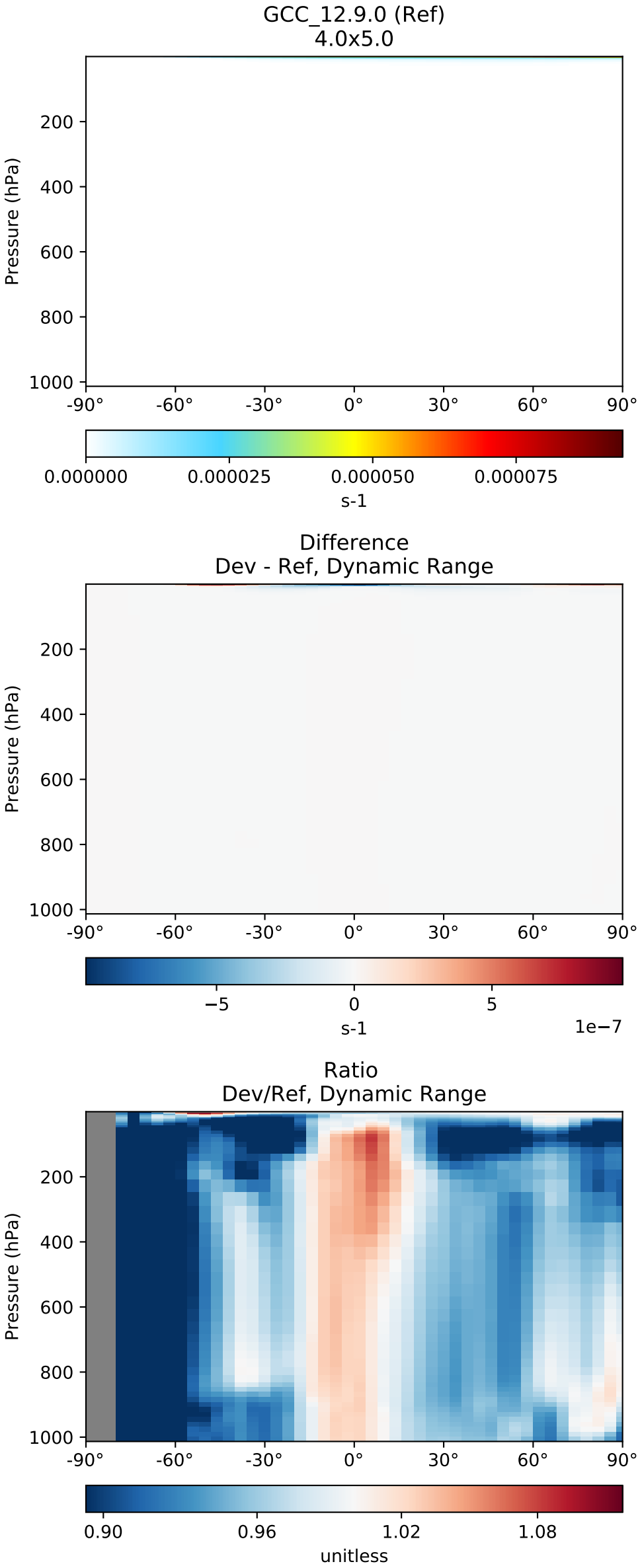



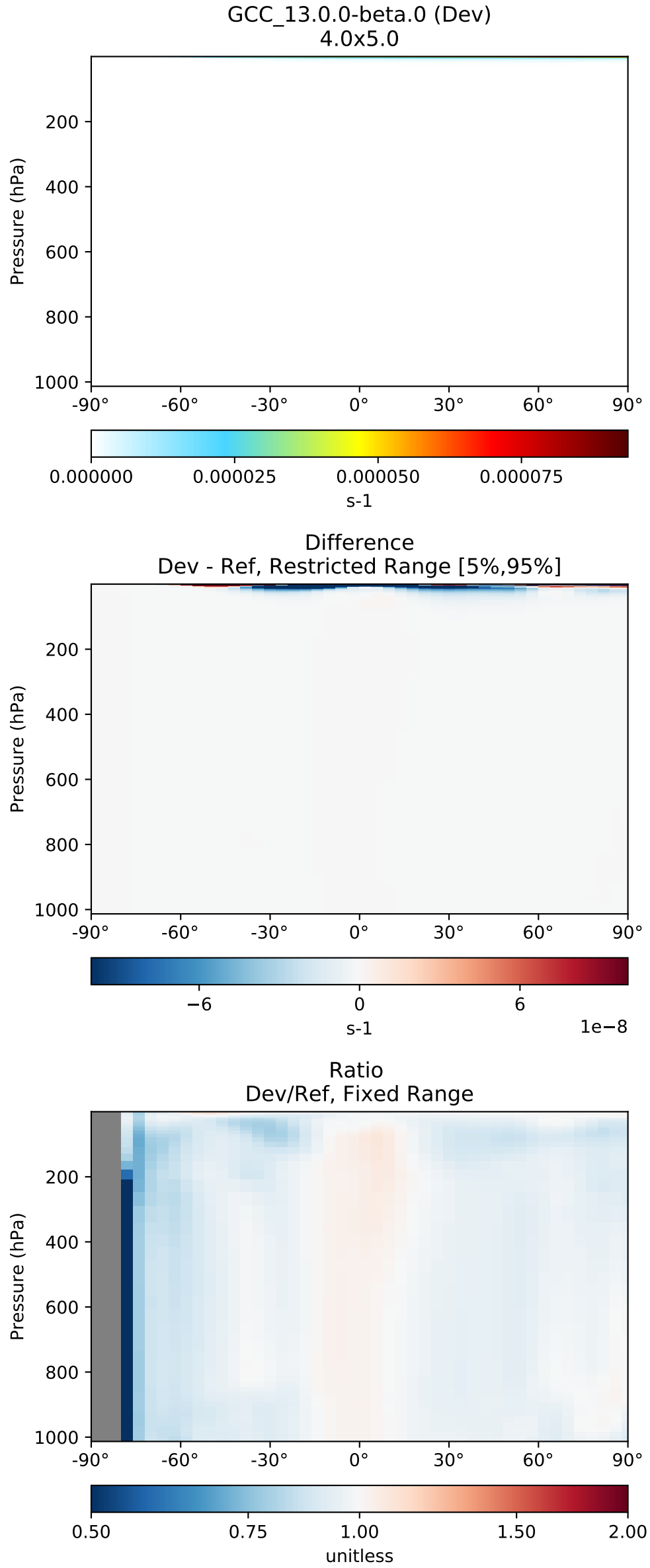
# Jval_GLYX, Zonal Mean



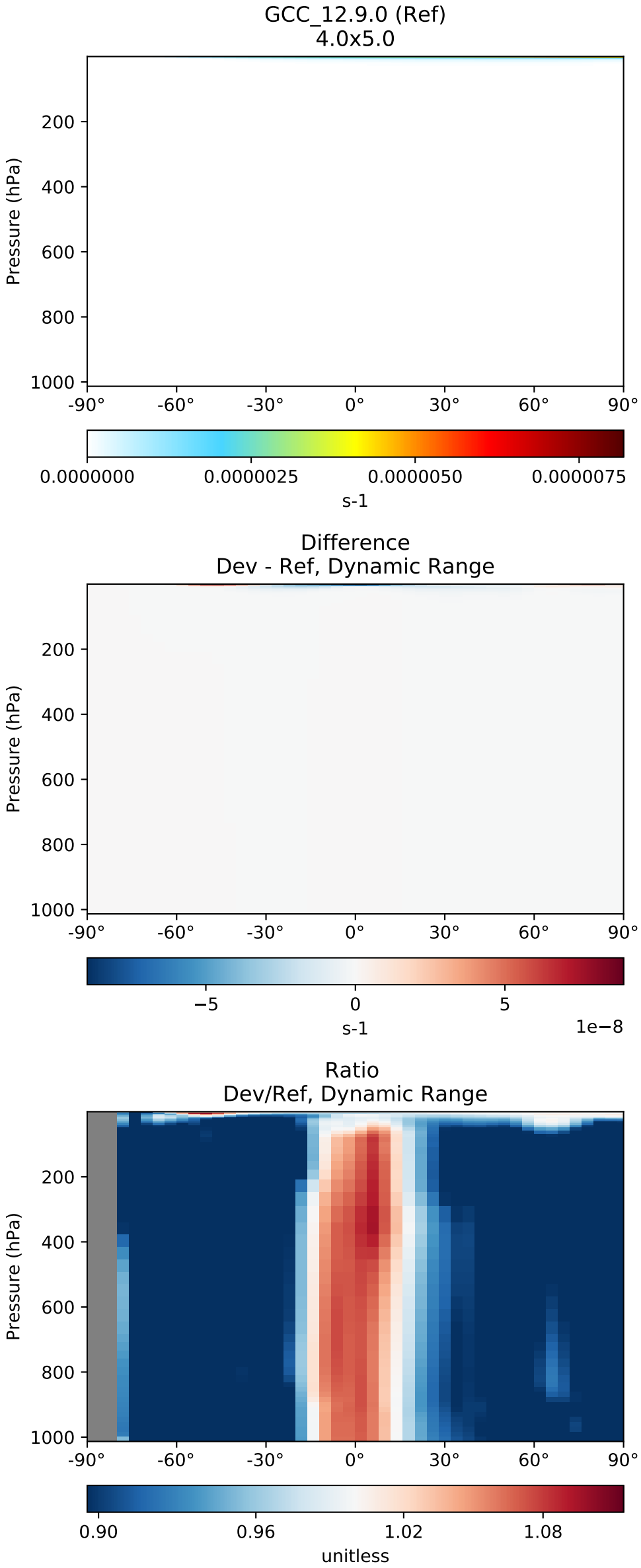



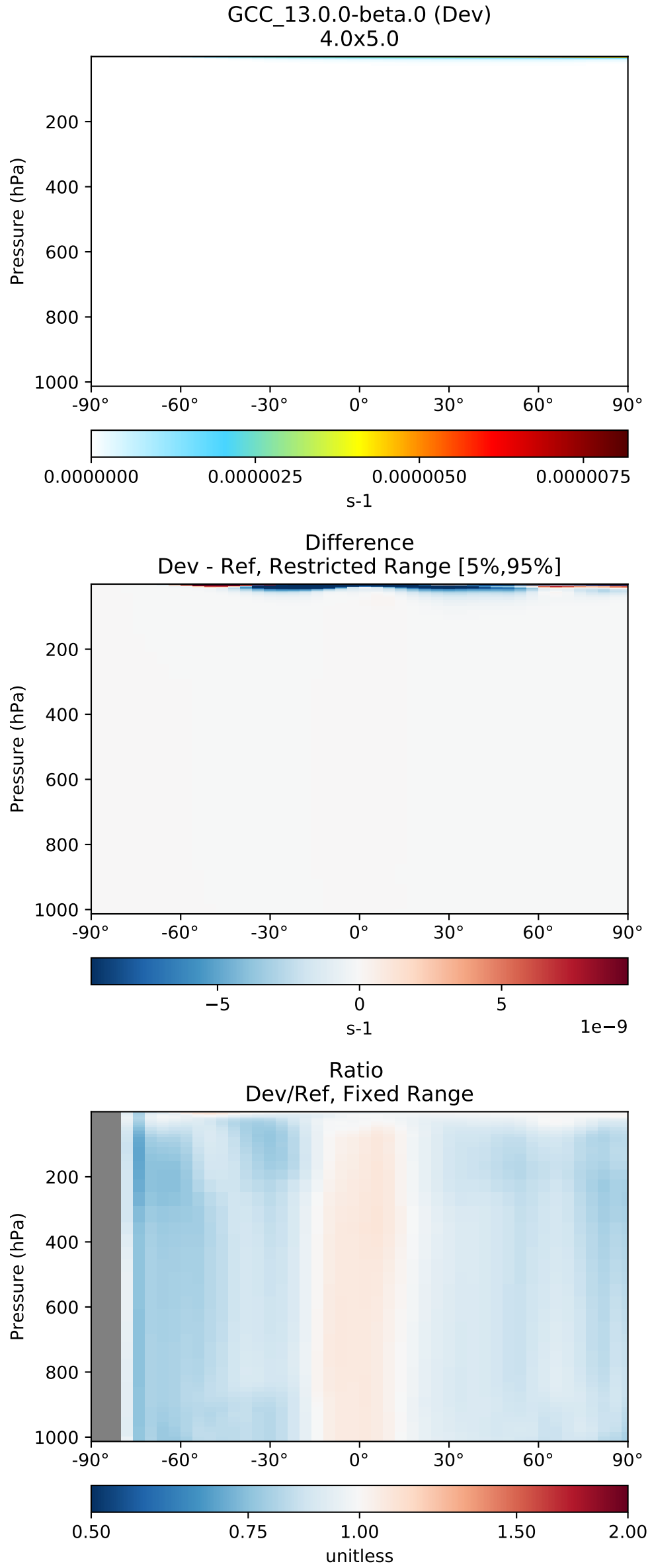
# Jval_H1211, Zonal Mean



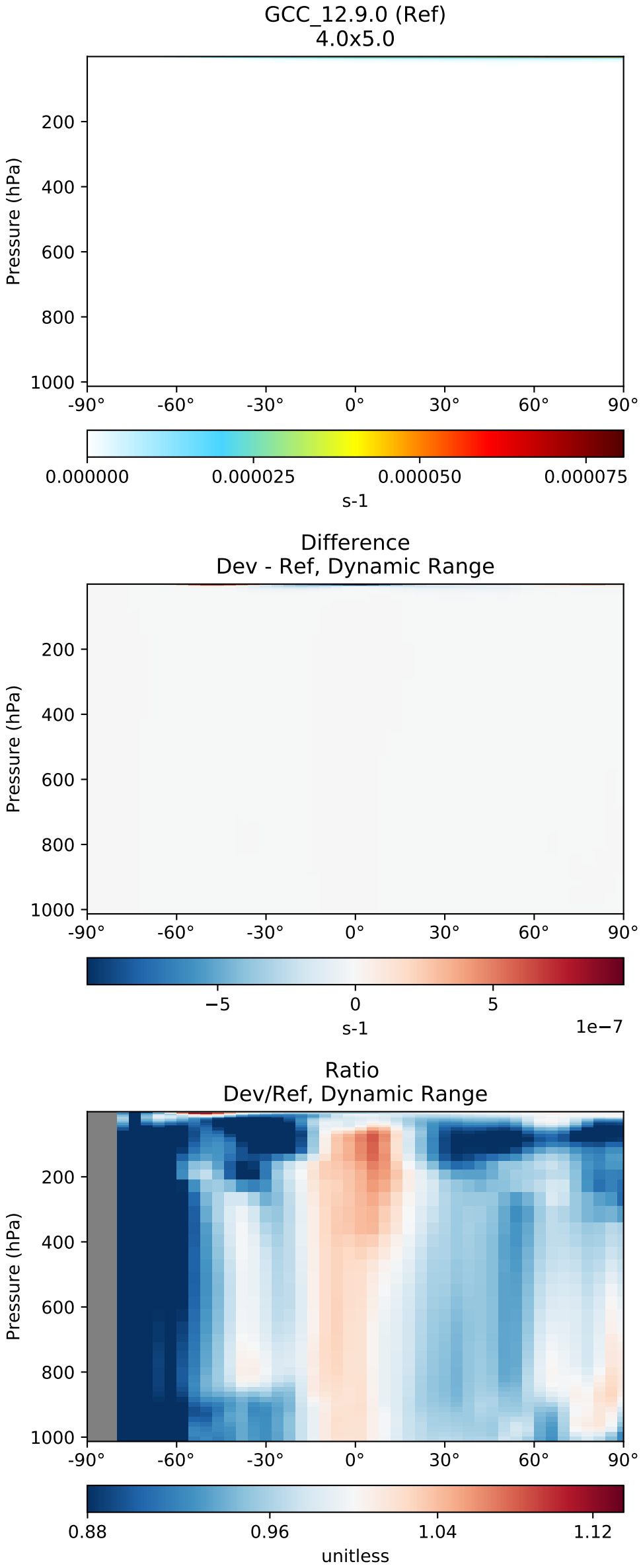



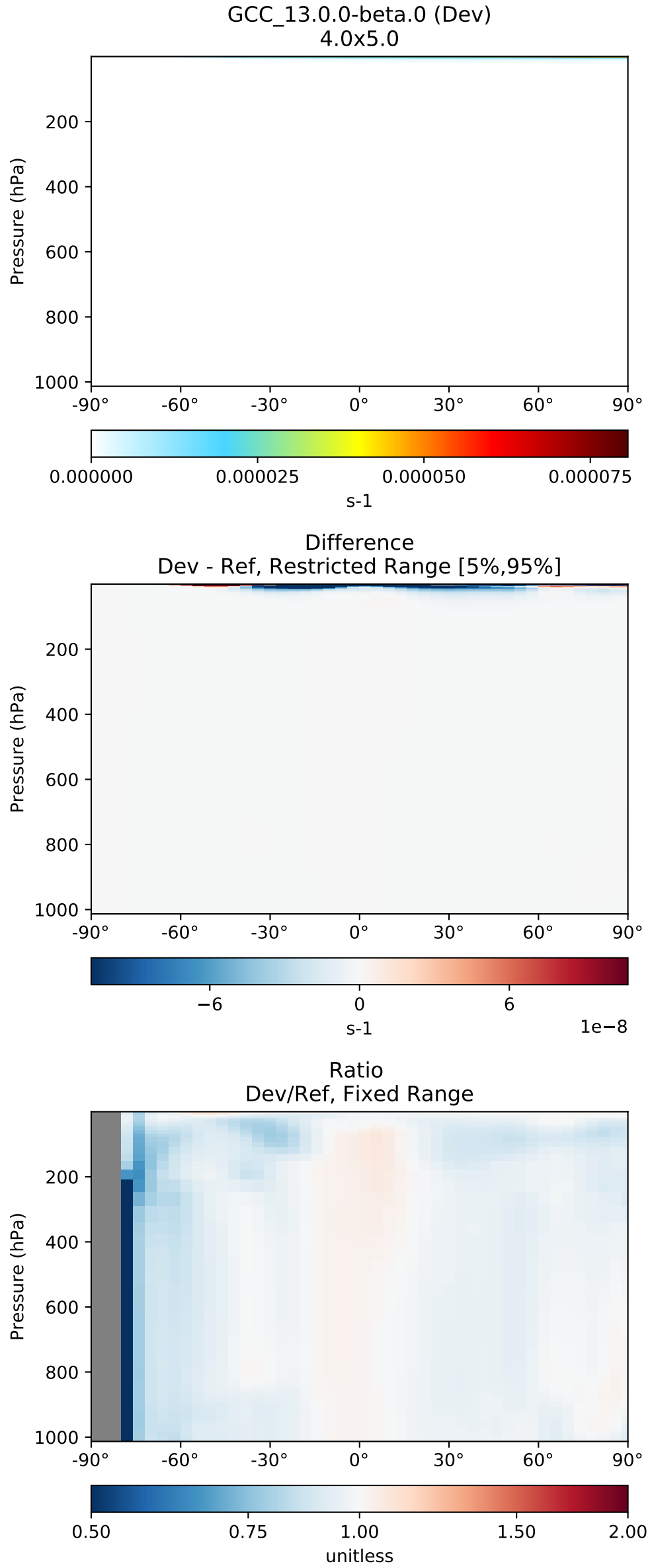
# Jval_H1301, Zonal Mean



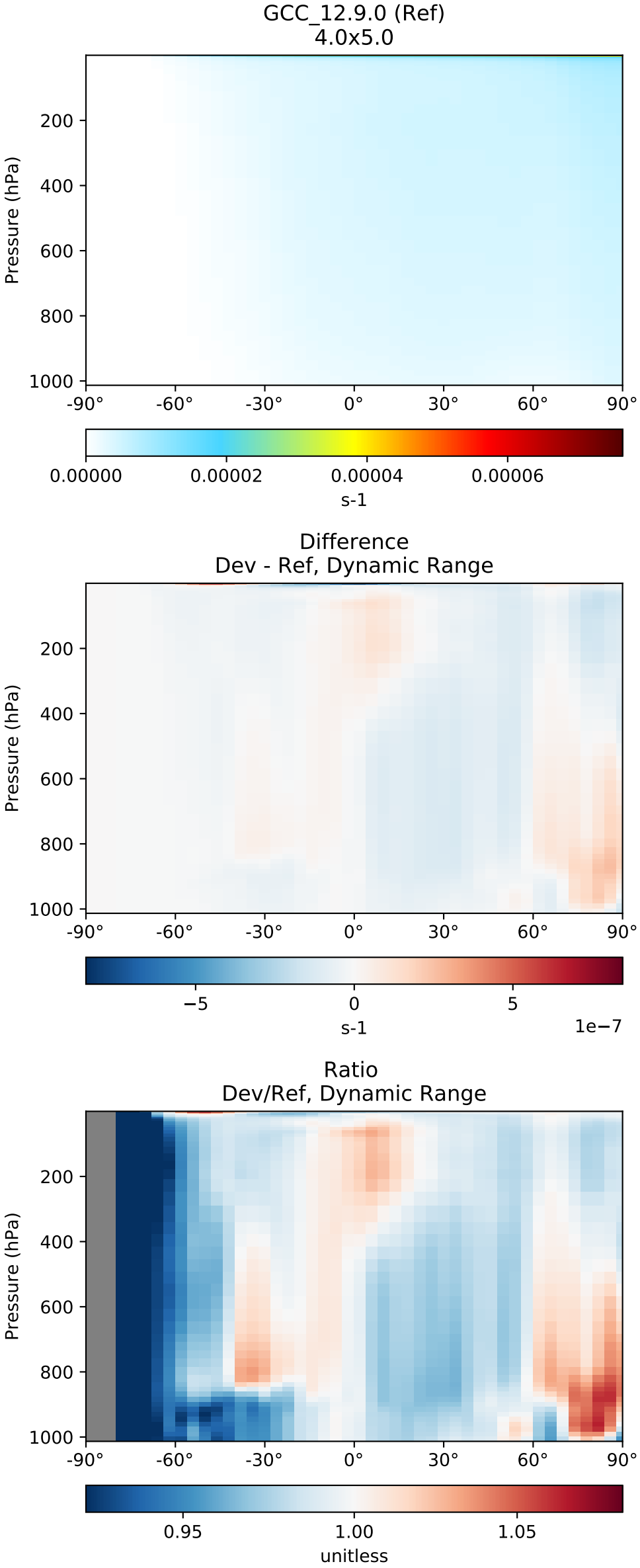



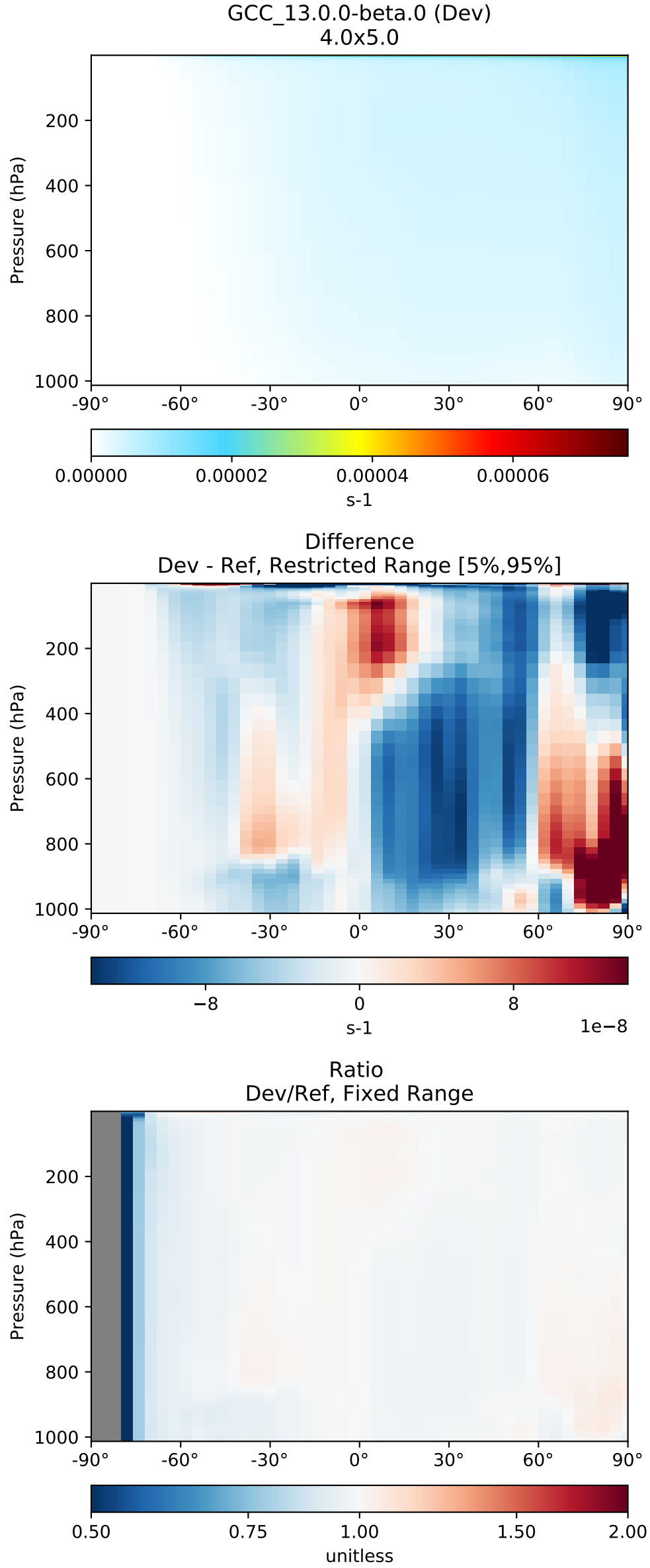
# Jval_H2402, Zonal Mean



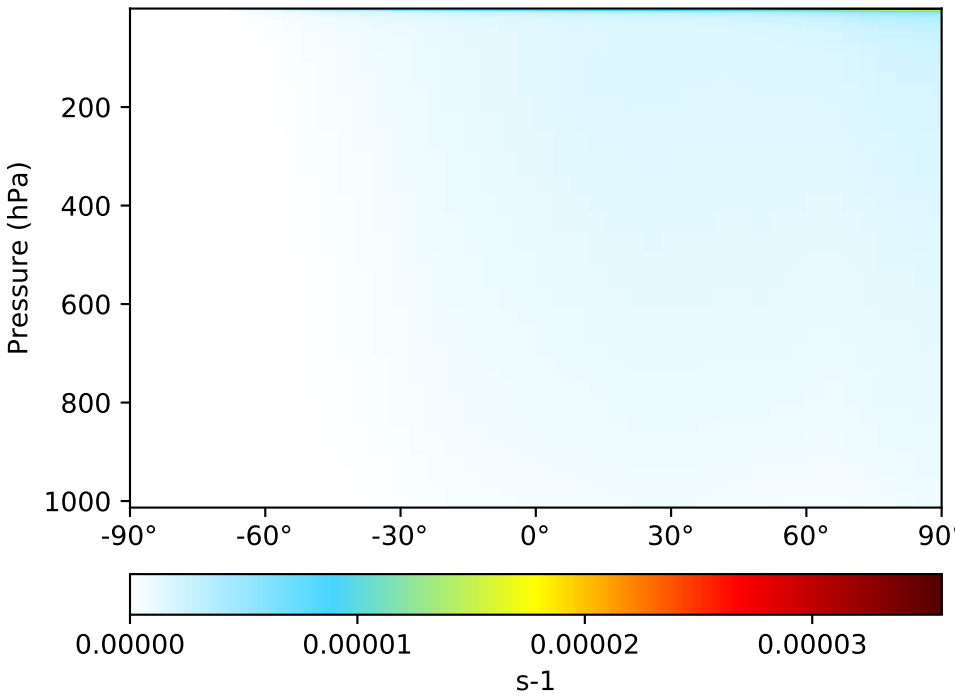
# Jval_H2O2, Zonal Mean



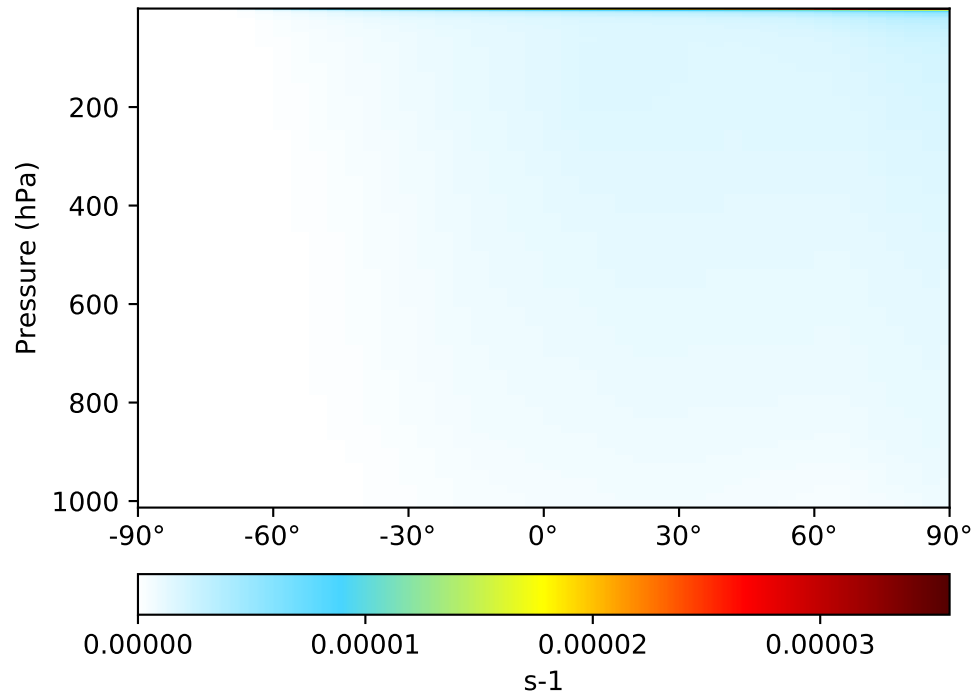



# Jval_HAC, Zonal Mean

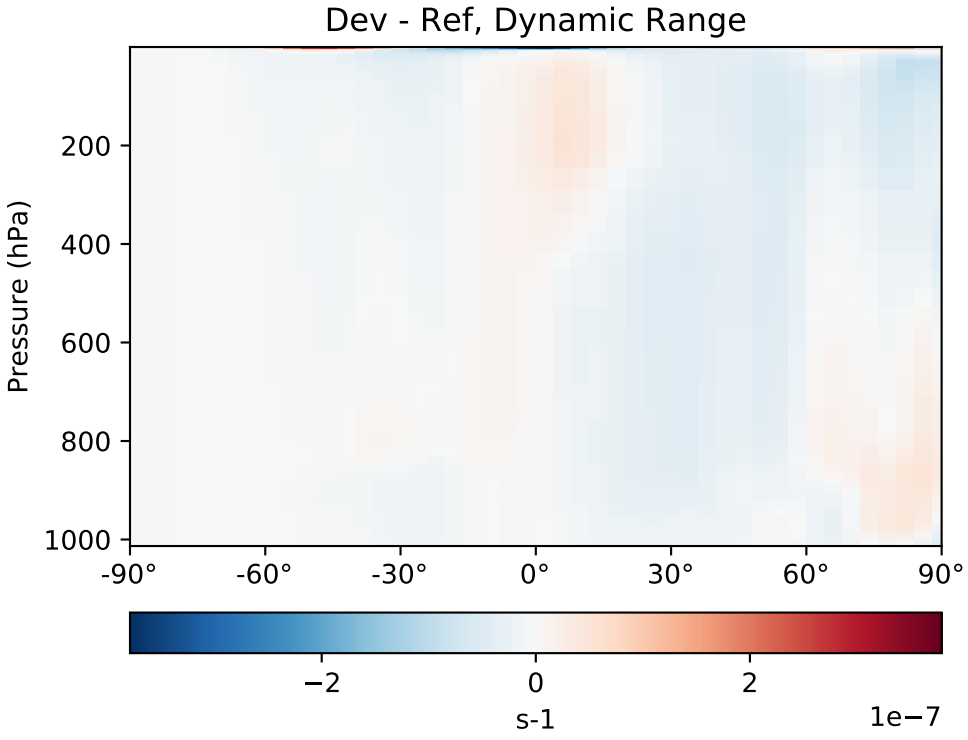
GCC_12.9.0 (Ref)
4.0x5.0



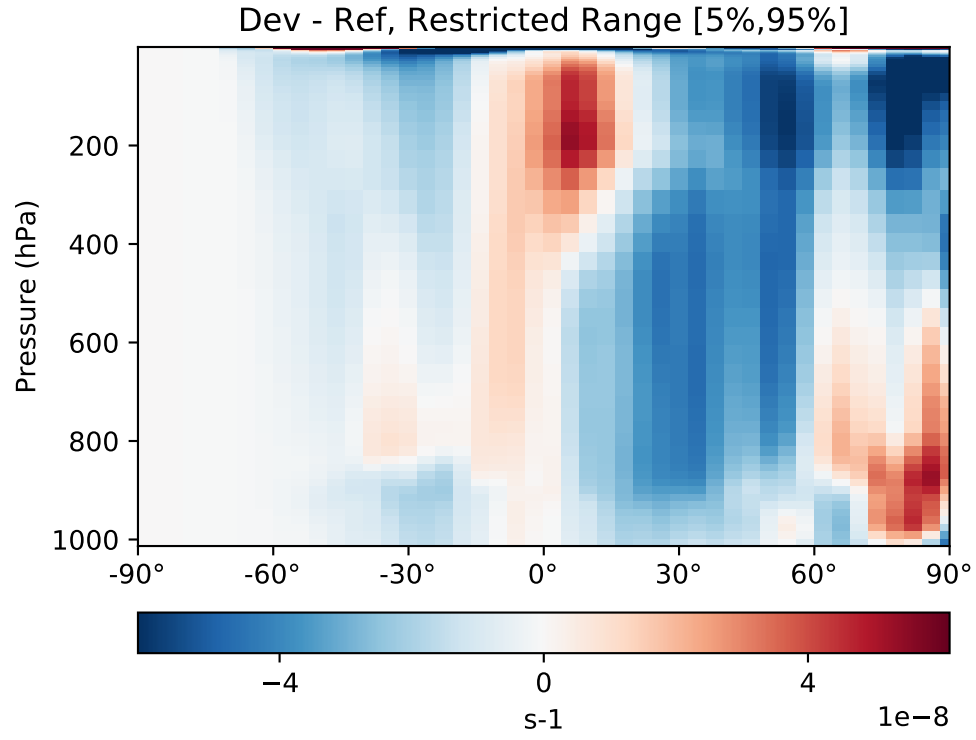

GCC_13.0.0-beta.0 (Dev)
4.0x5.0



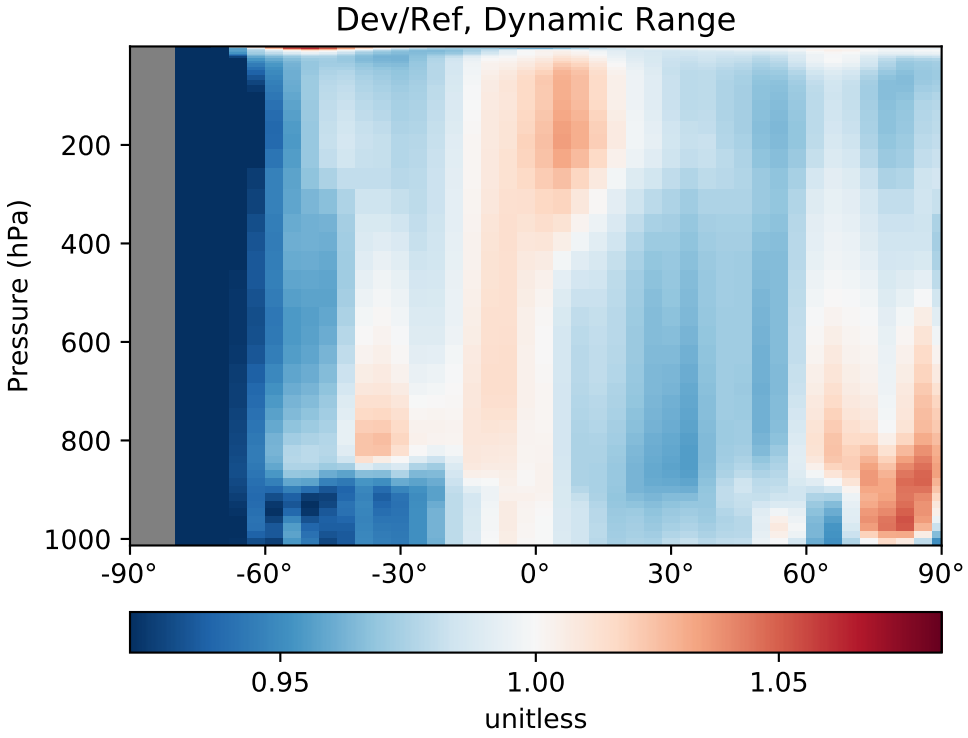

Difference
Dev - Ref, Dynamic Range



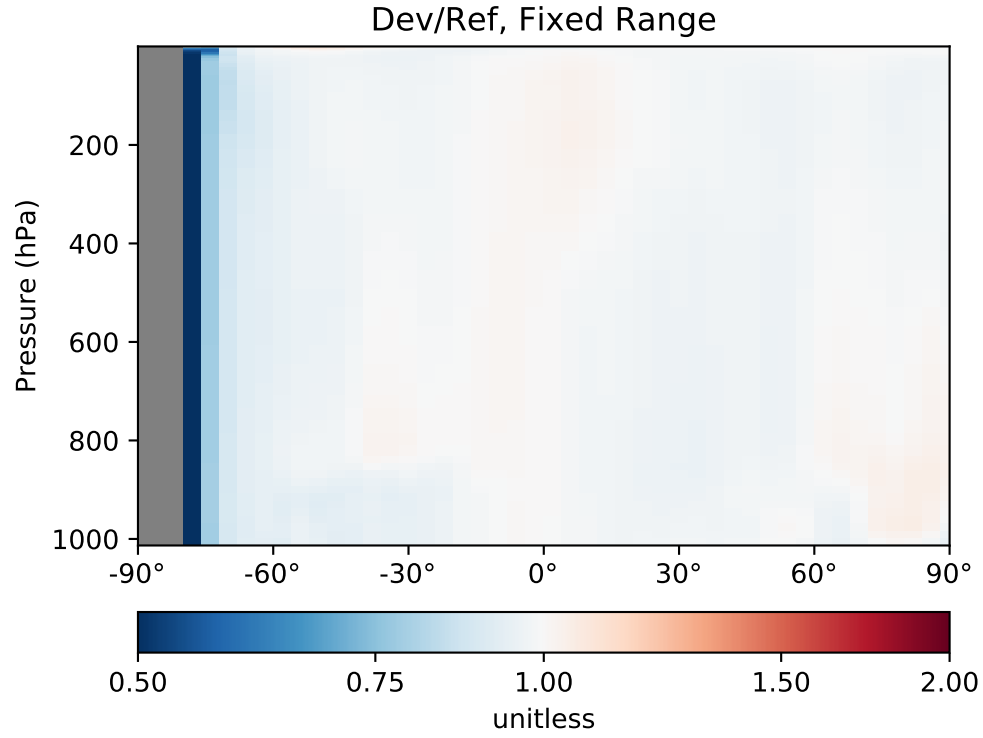

Difference
Dev - Ref, Restricted Range [5%,95%]



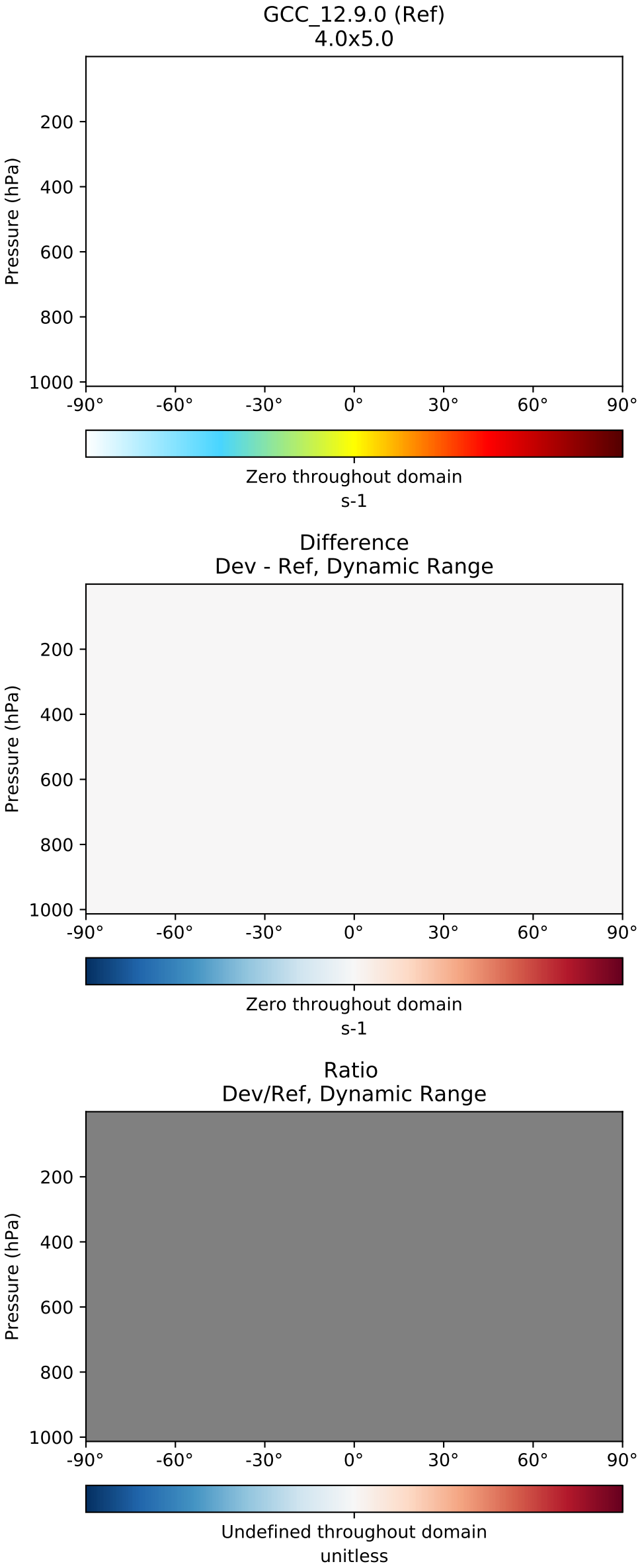

Ratio
Dev/Ref, Dynamic Range

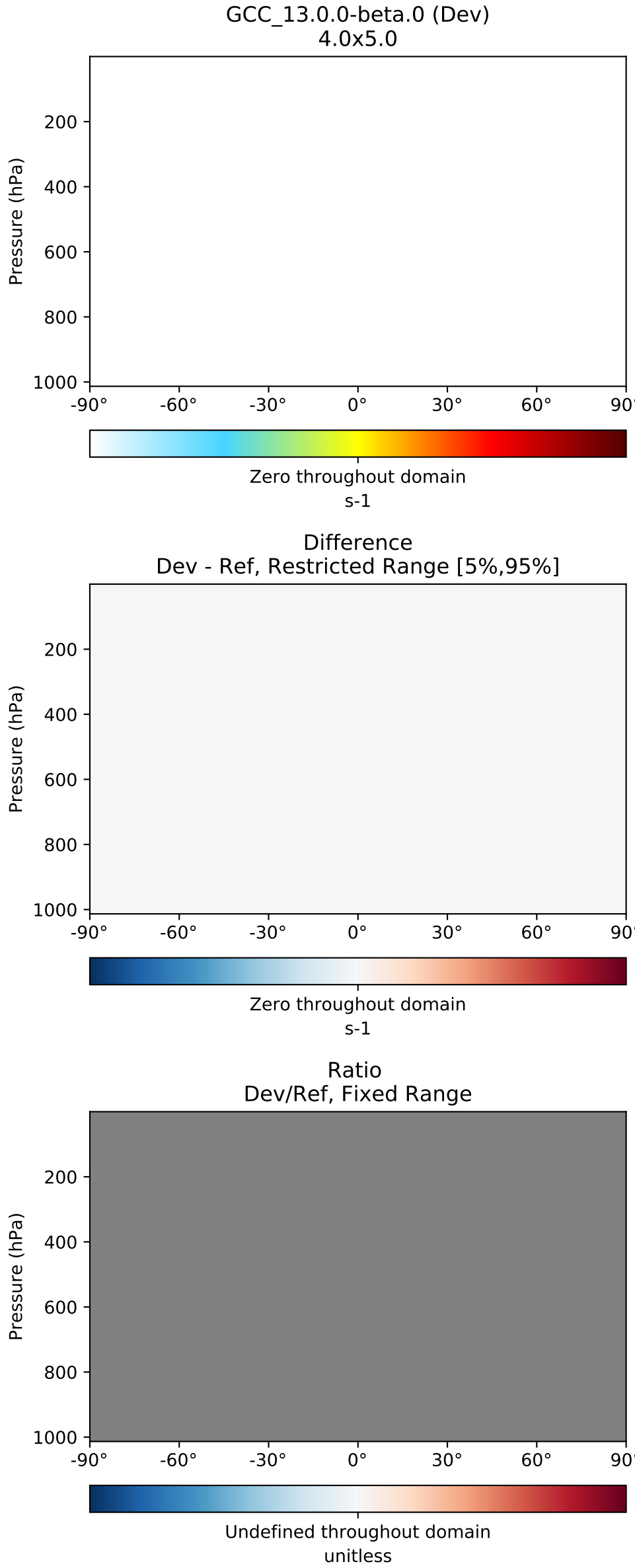



Ratio
Dev/Ref, Fixed Range

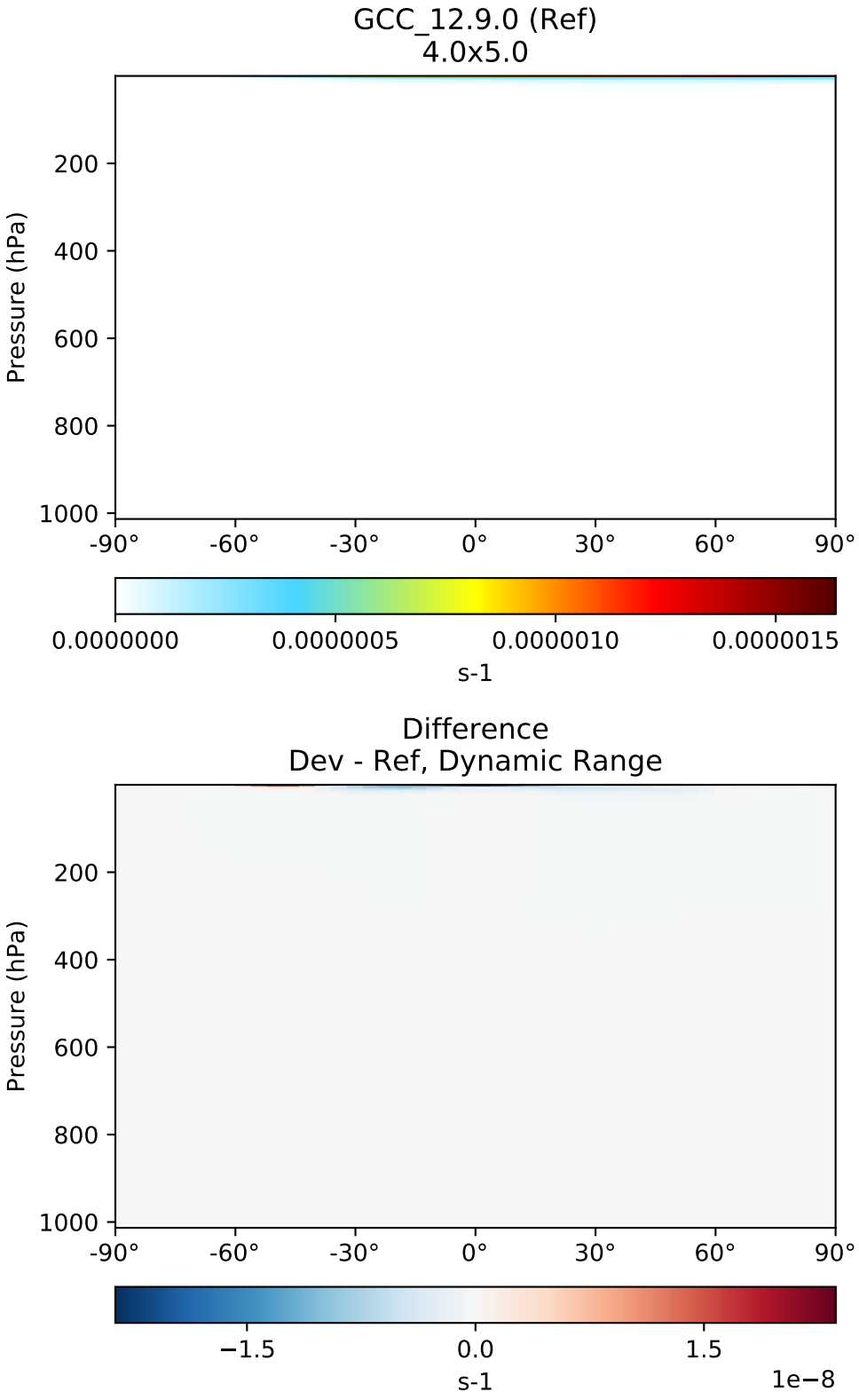


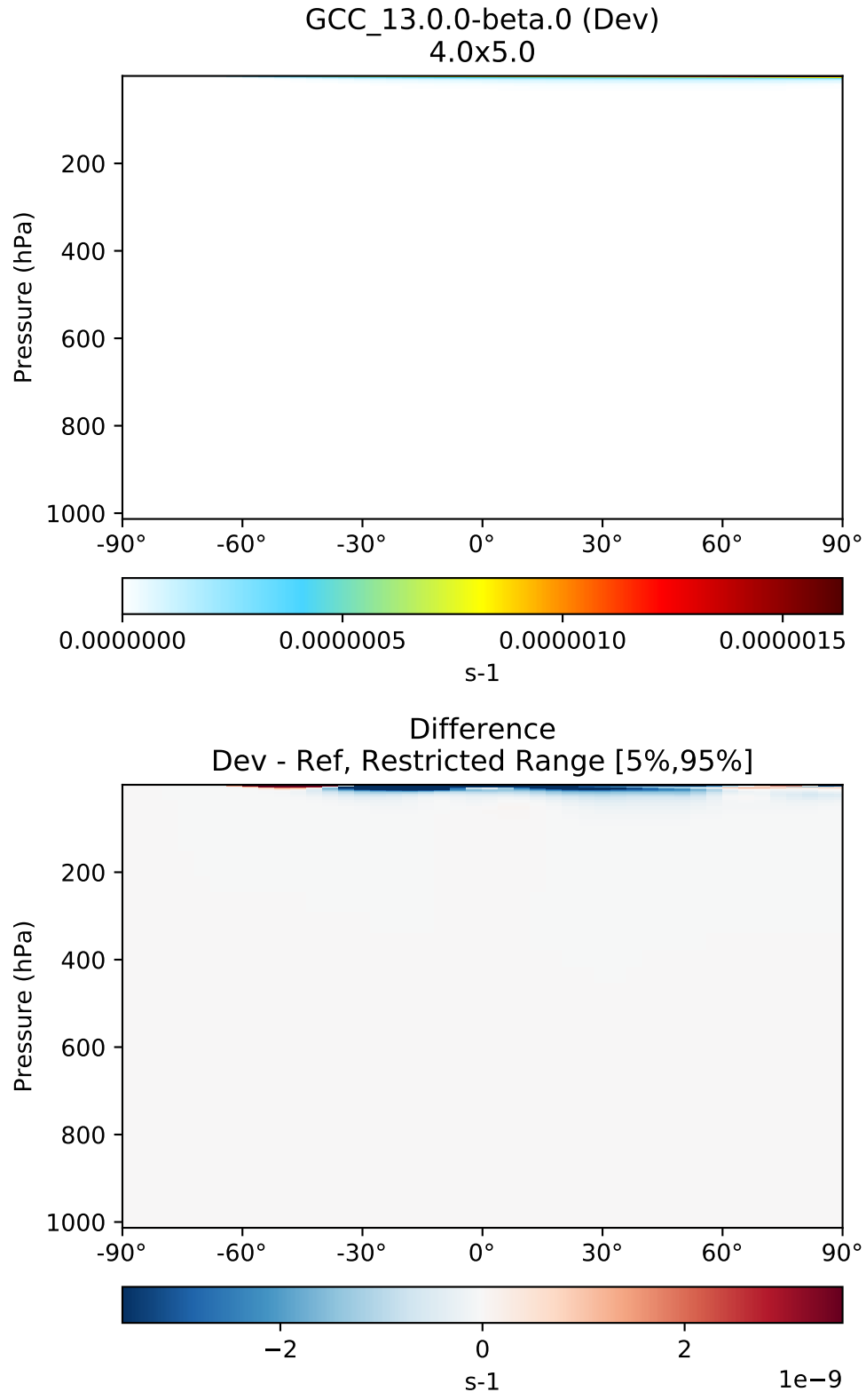
# Jval_HC5A, Zonal Mean



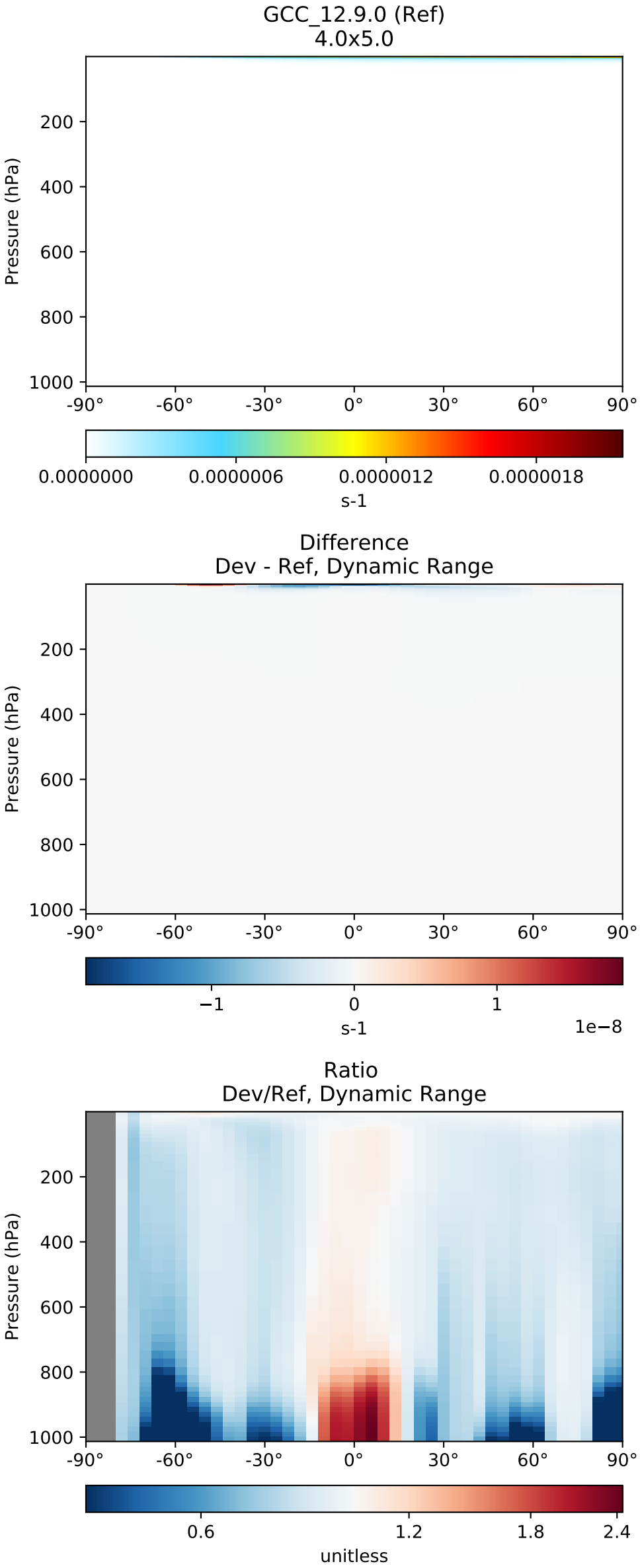



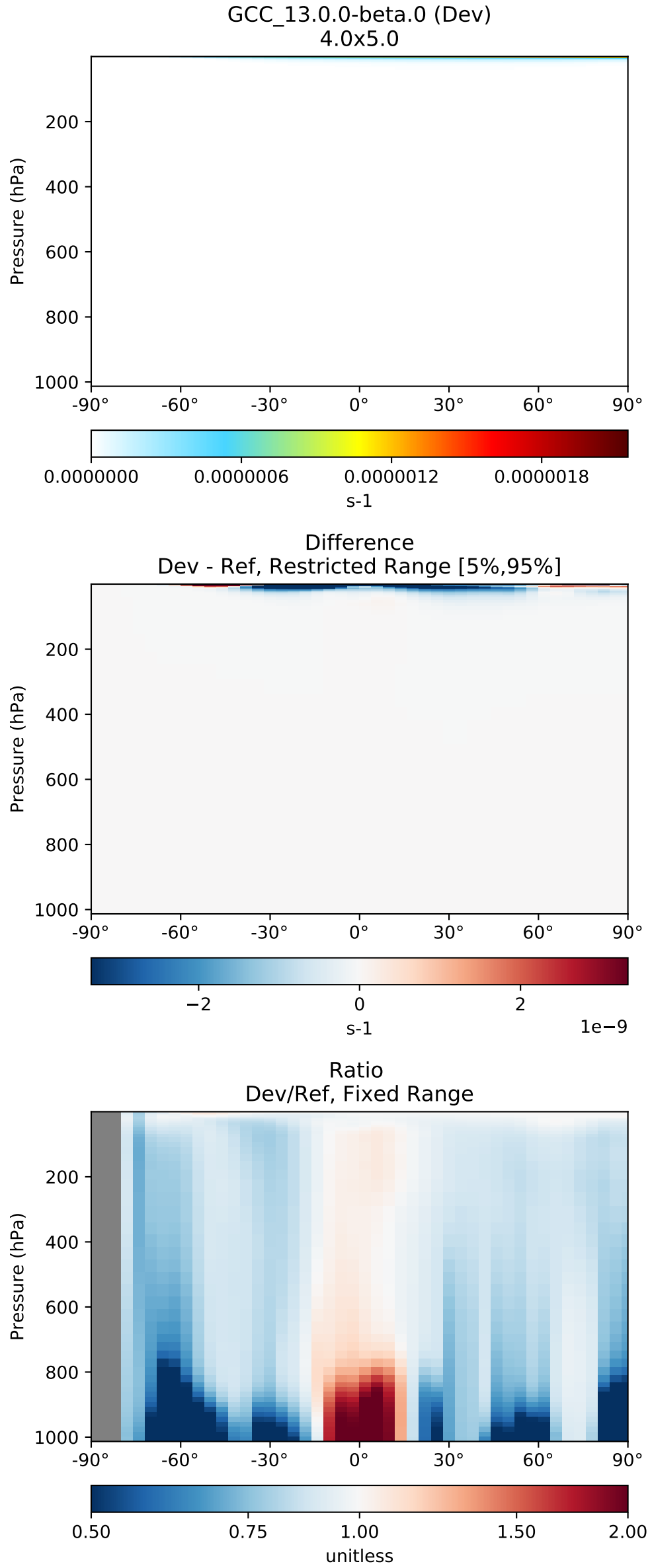
# Jval_HCFC123, Zonal Mean



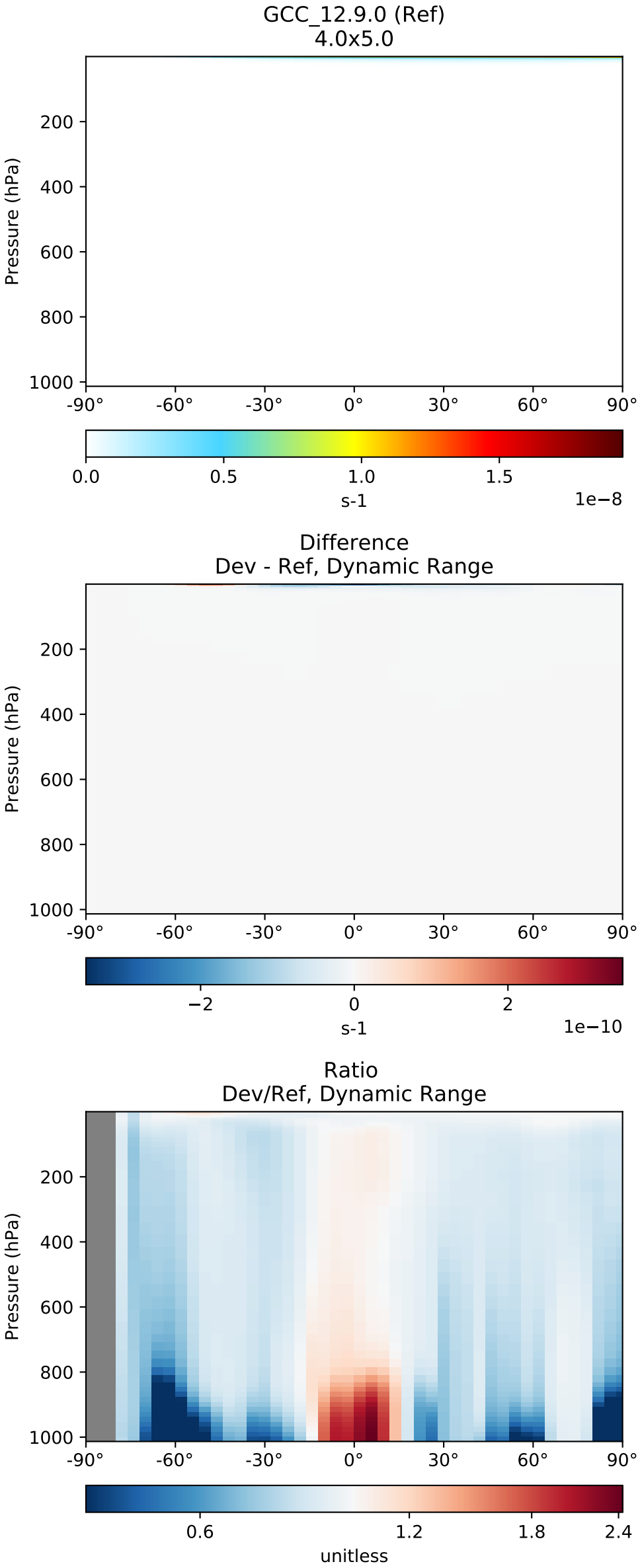



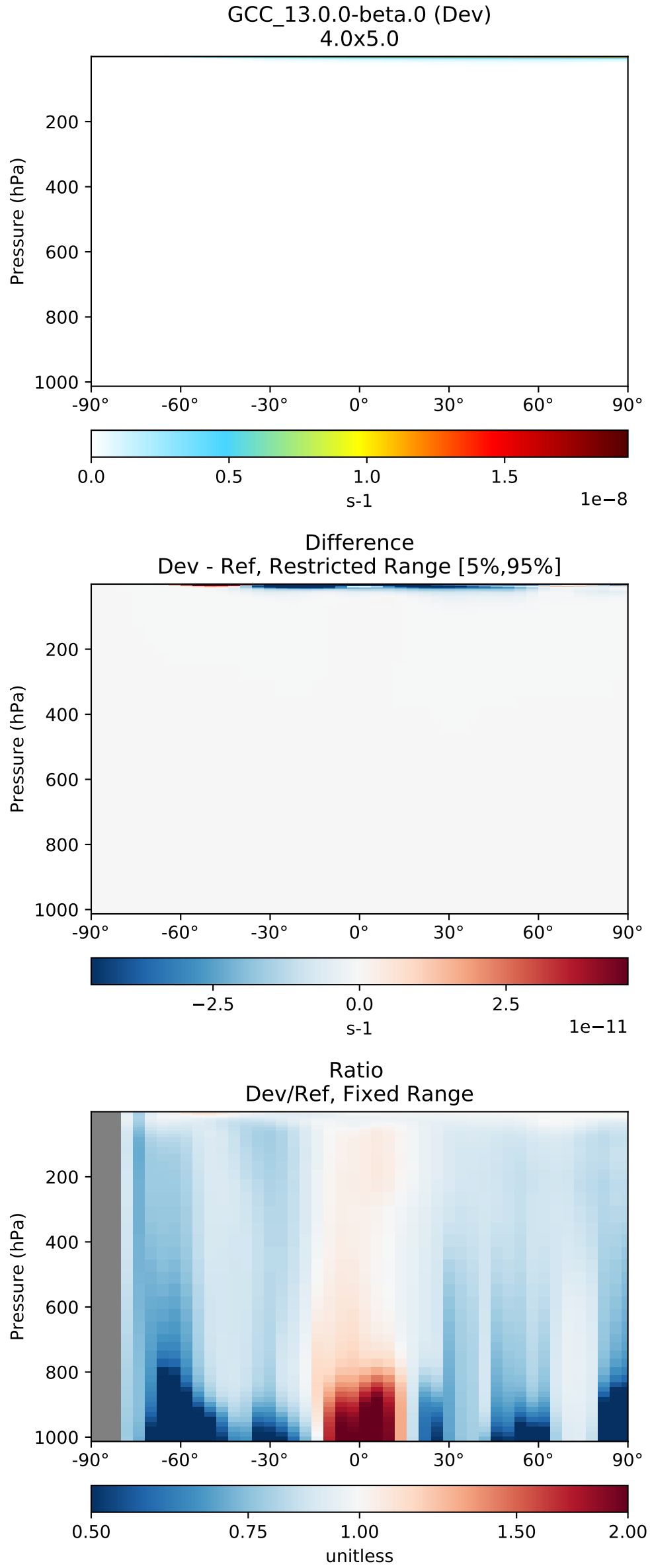
# Jval_HCFC141b, Zonal Mean



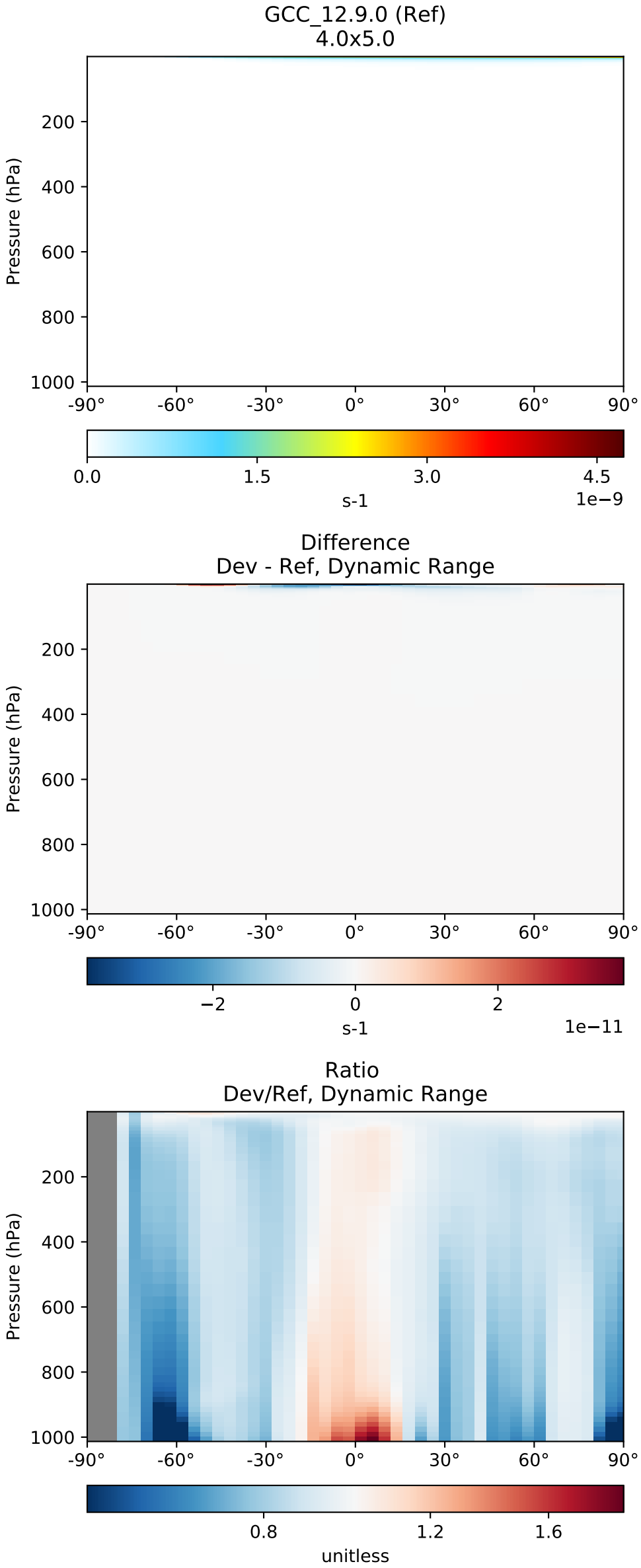



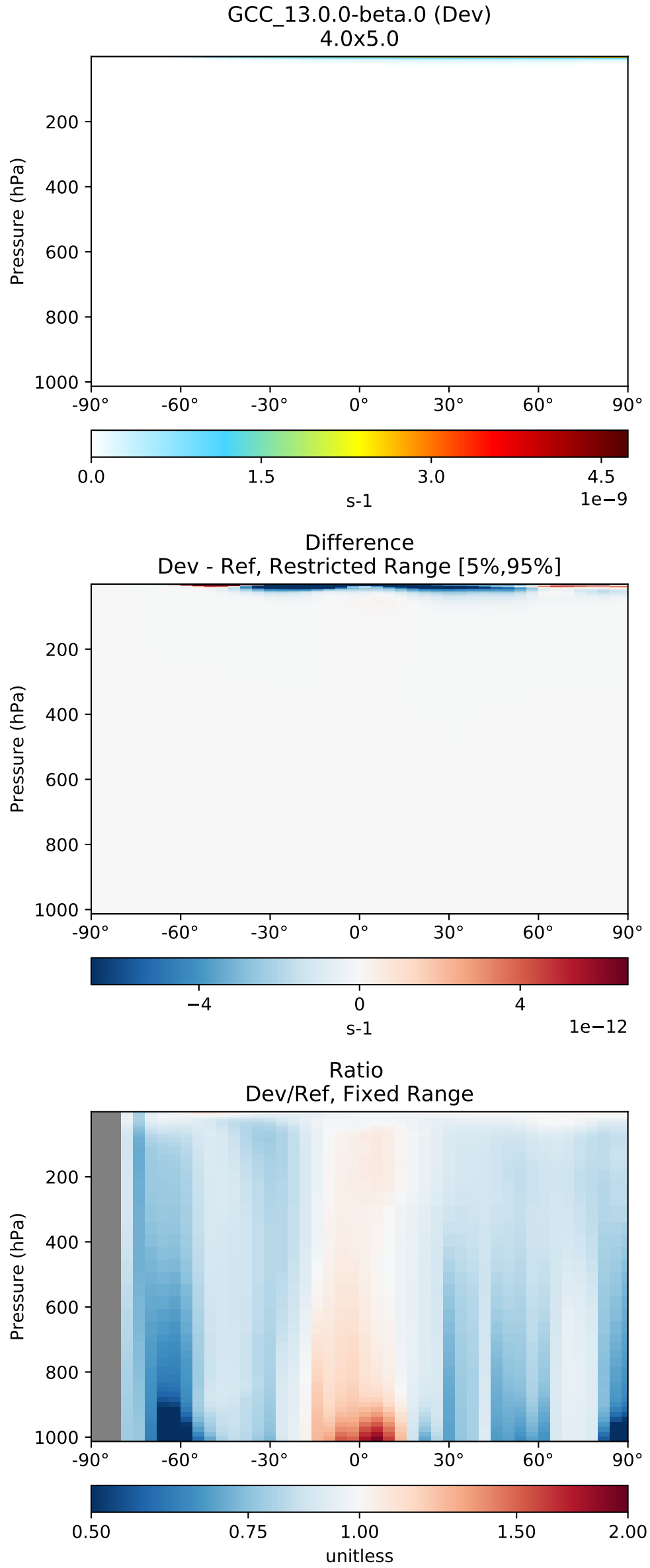
# Jval_HCFC142b, Zonal Mean



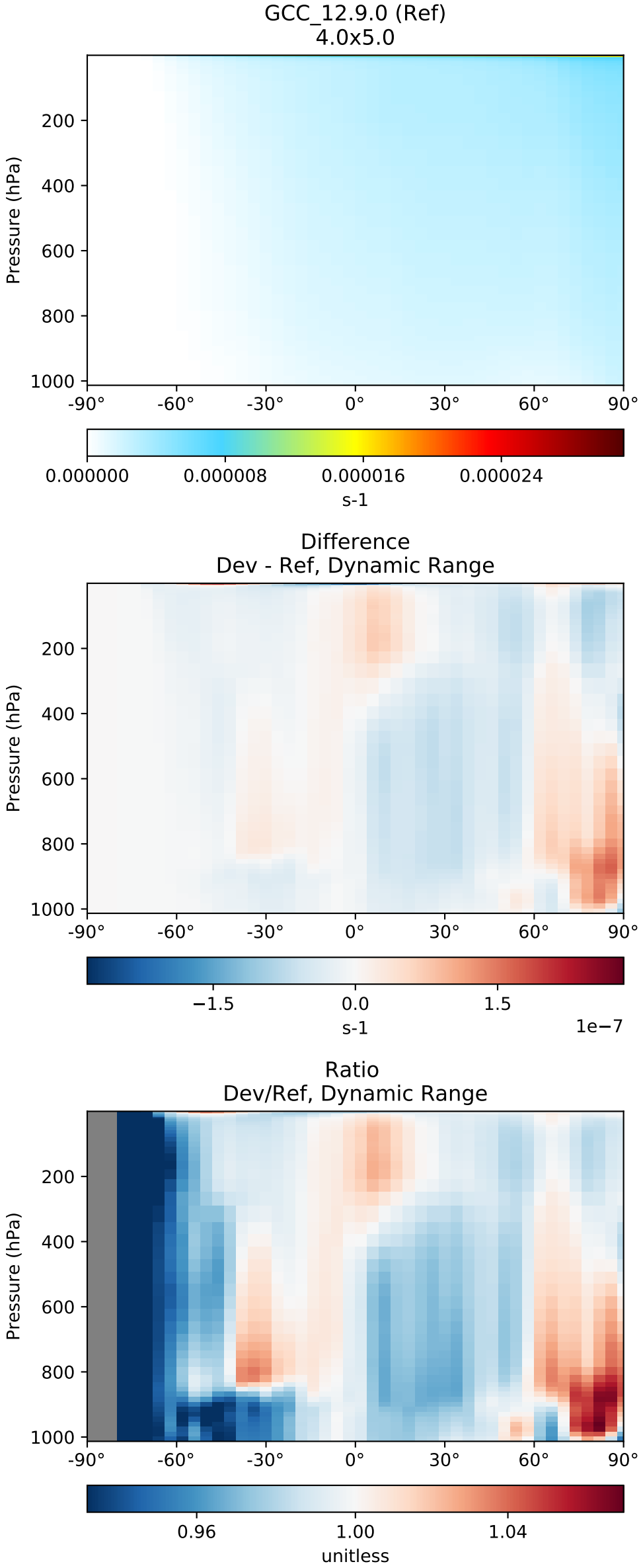



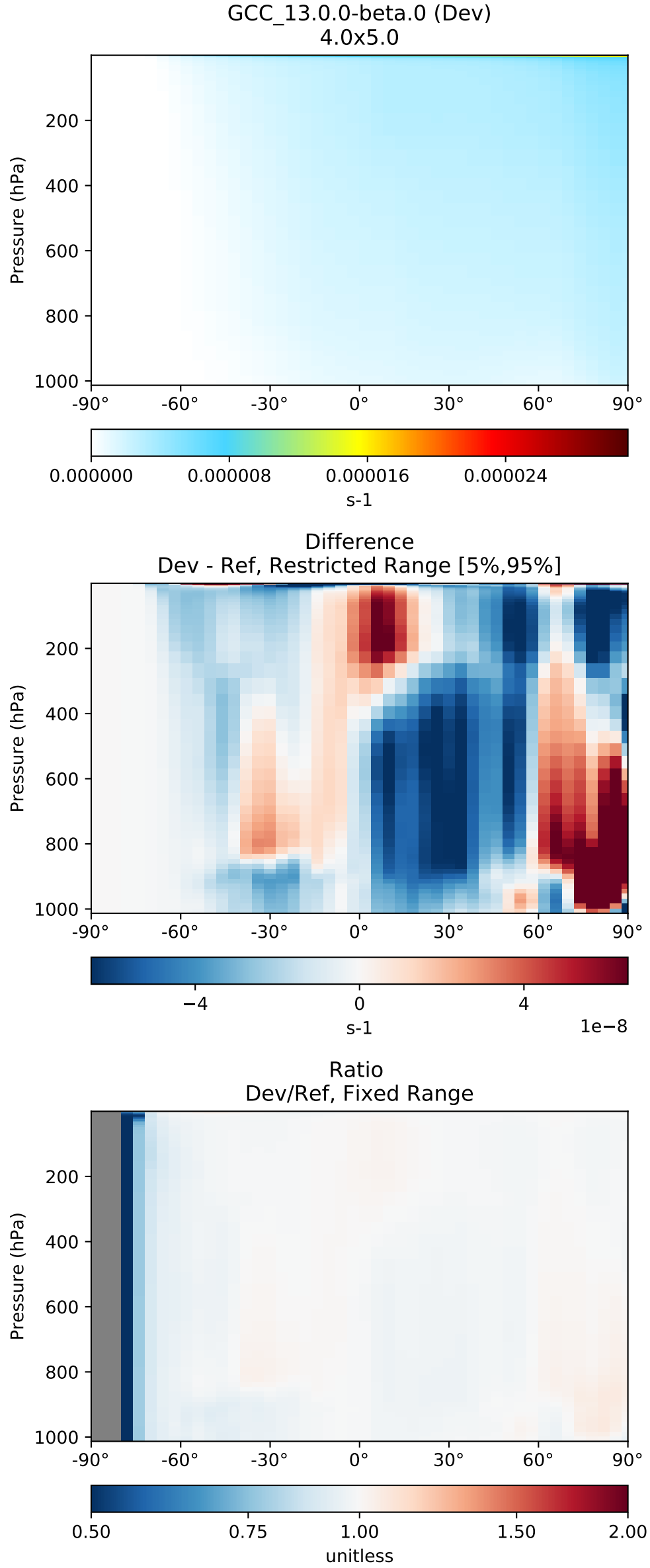
# Jval_HCFC22, Zonal Mean



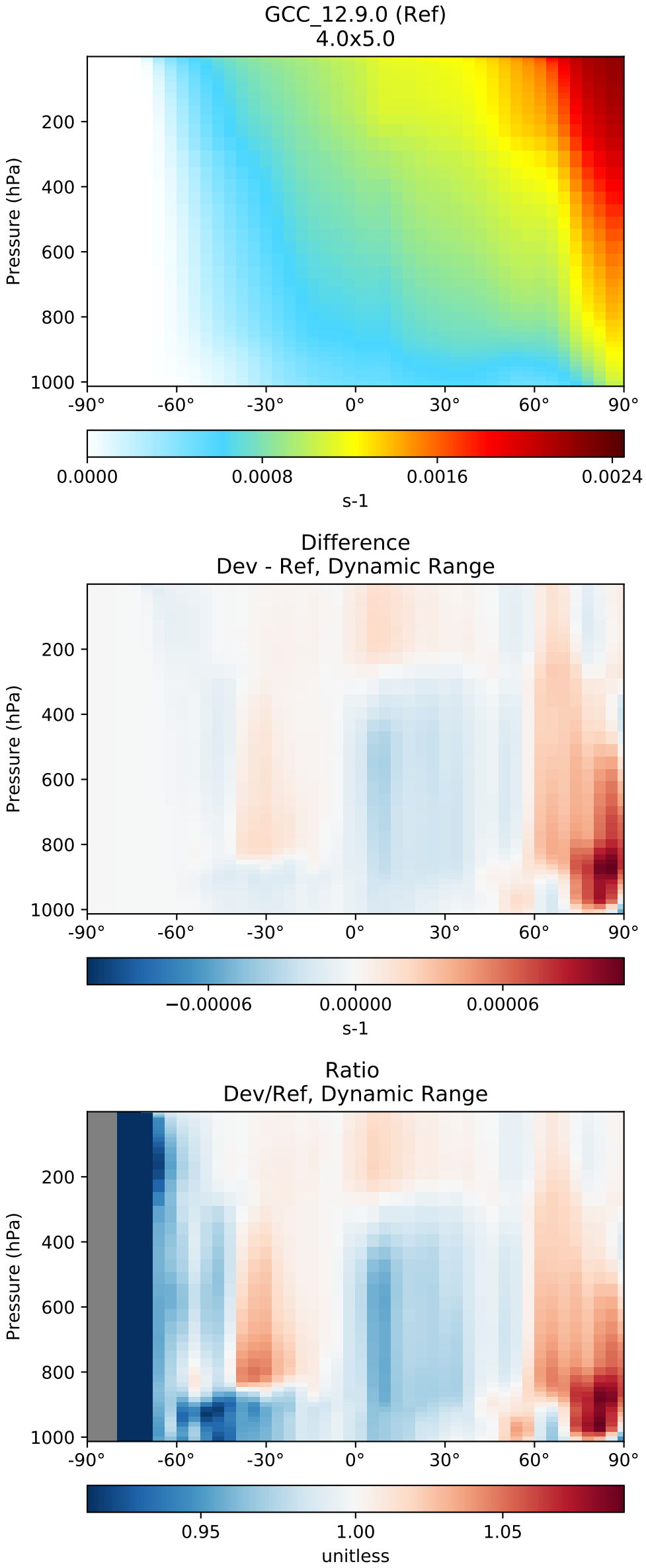



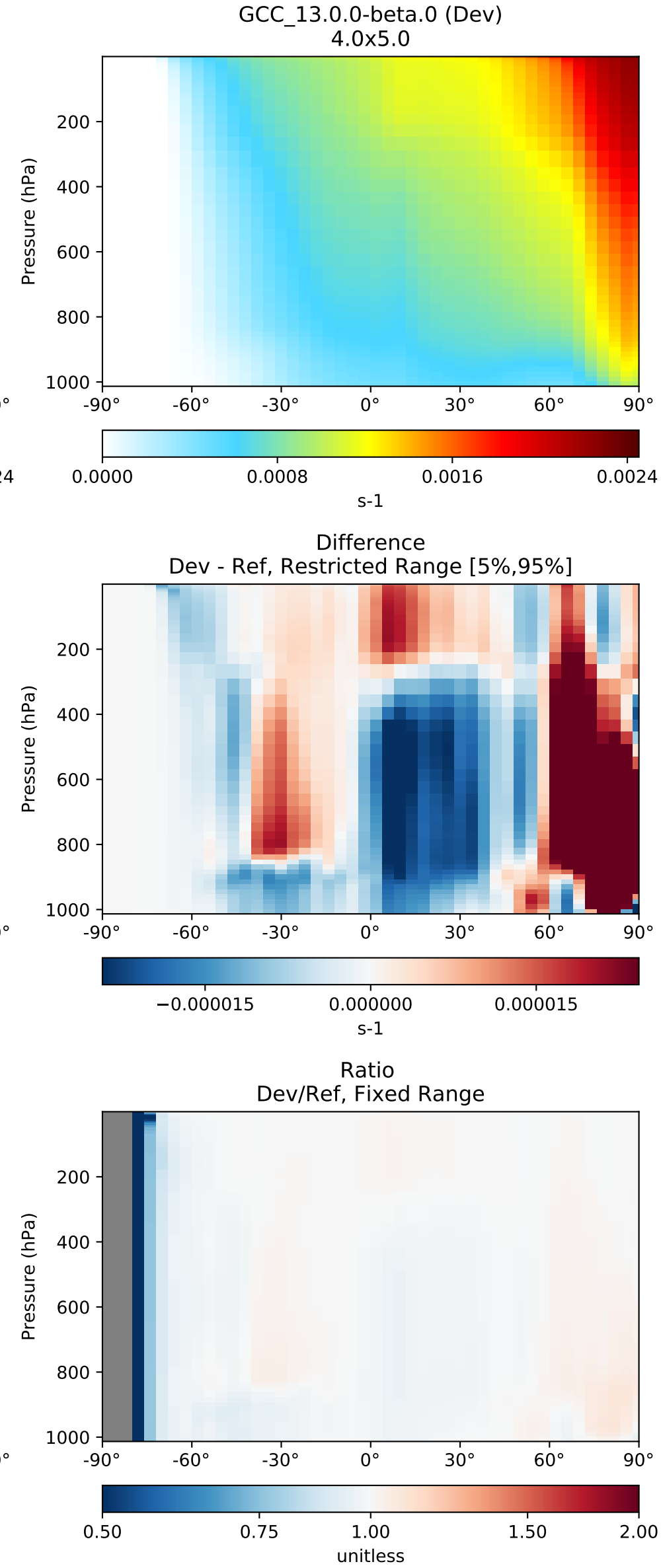
# Jval_HMHP, Zonal Mean



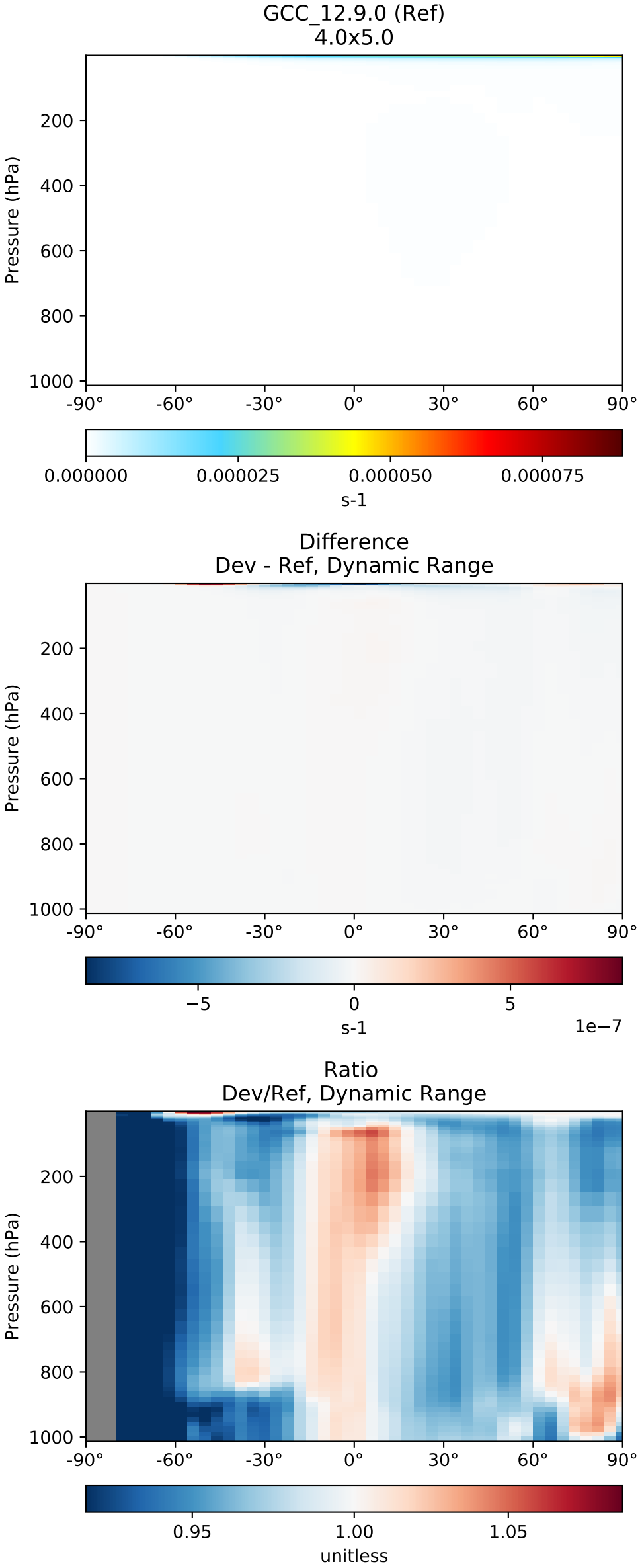



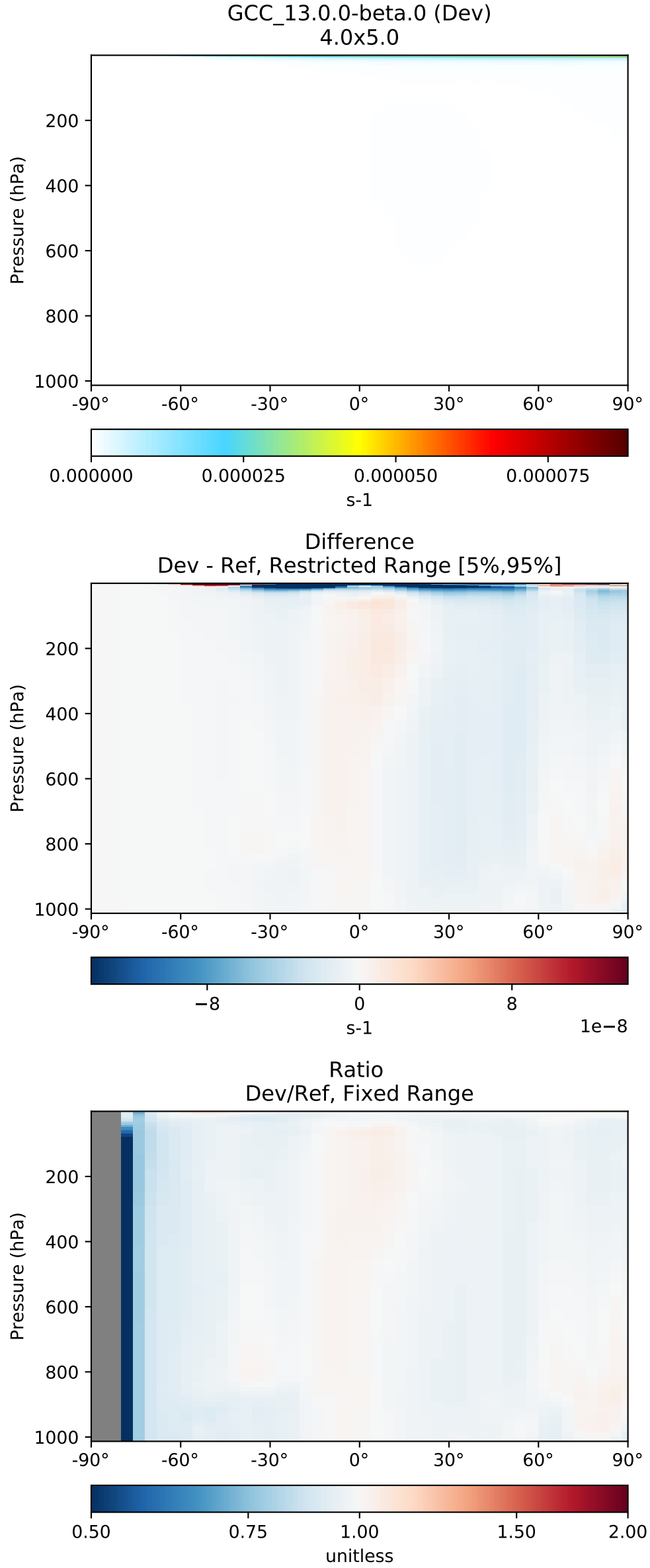
# Jval_HNO2, Zonal Mean



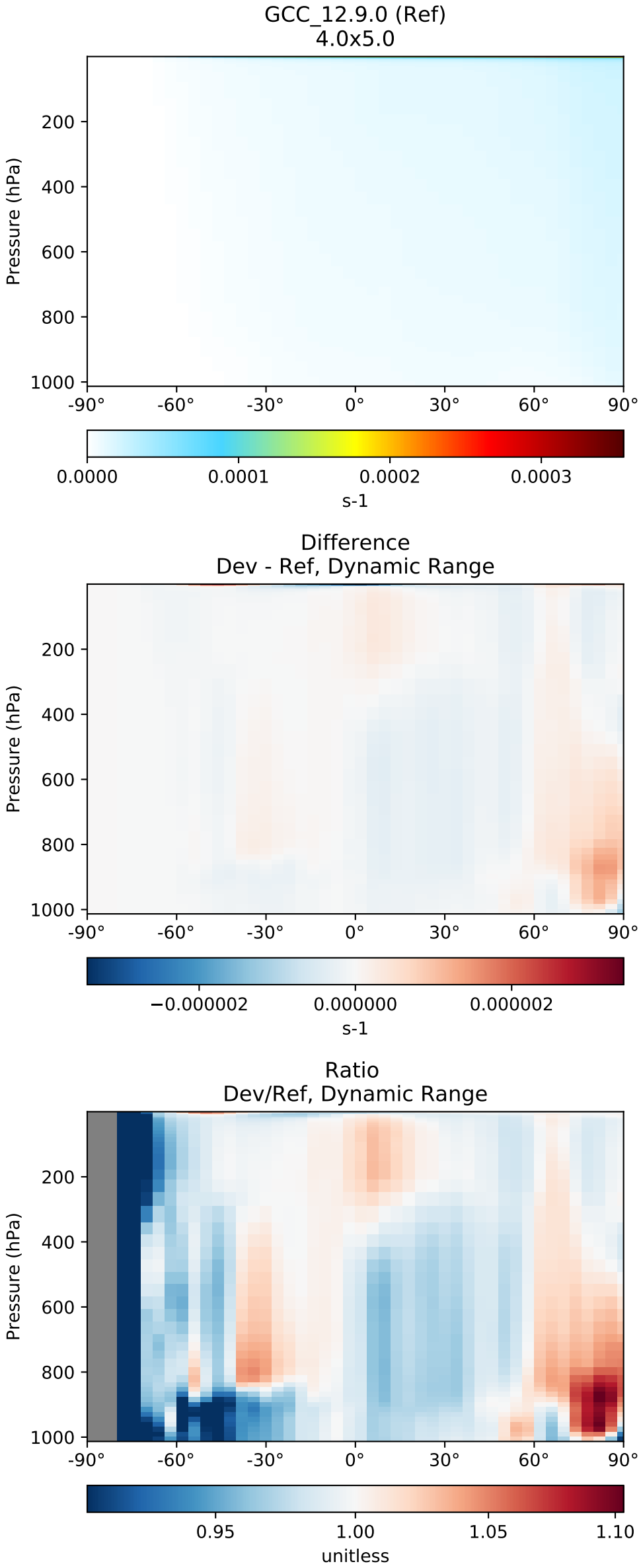



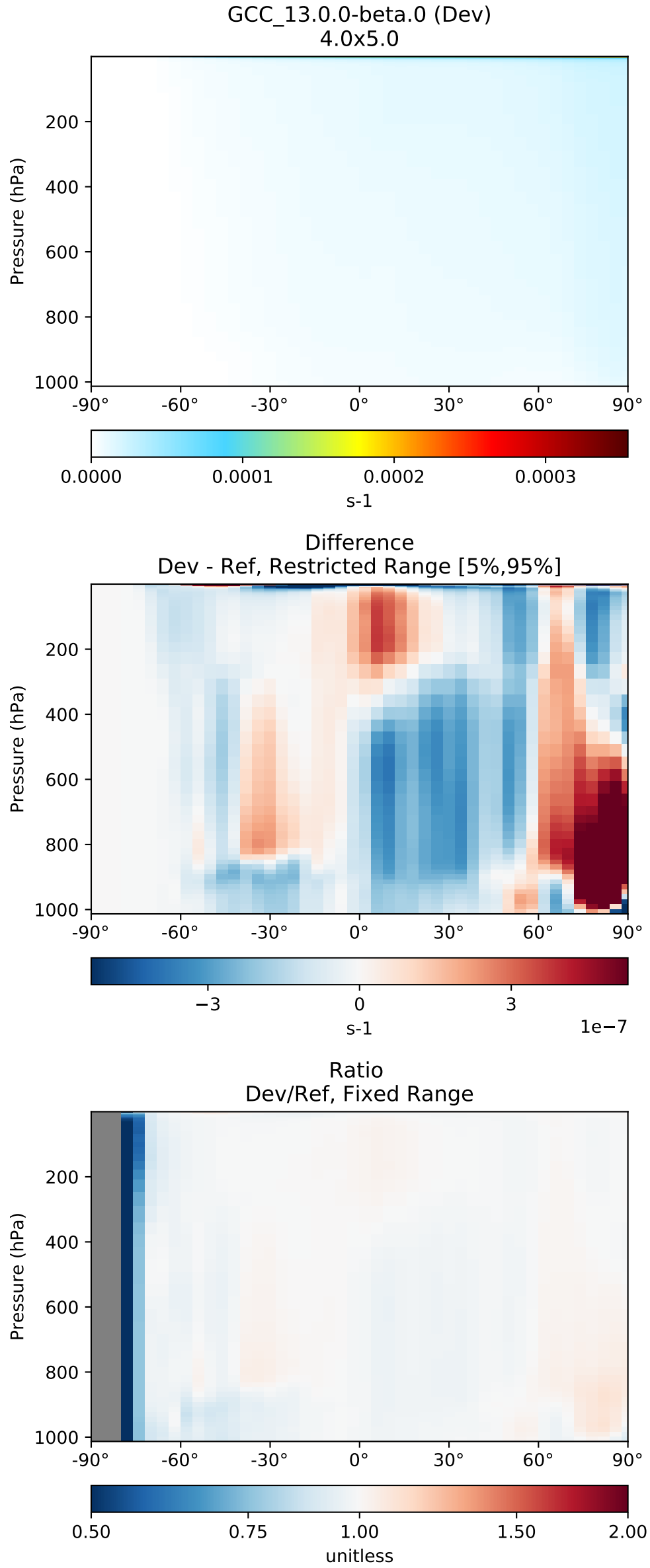
# Jval_HNO3, Zonal Mean



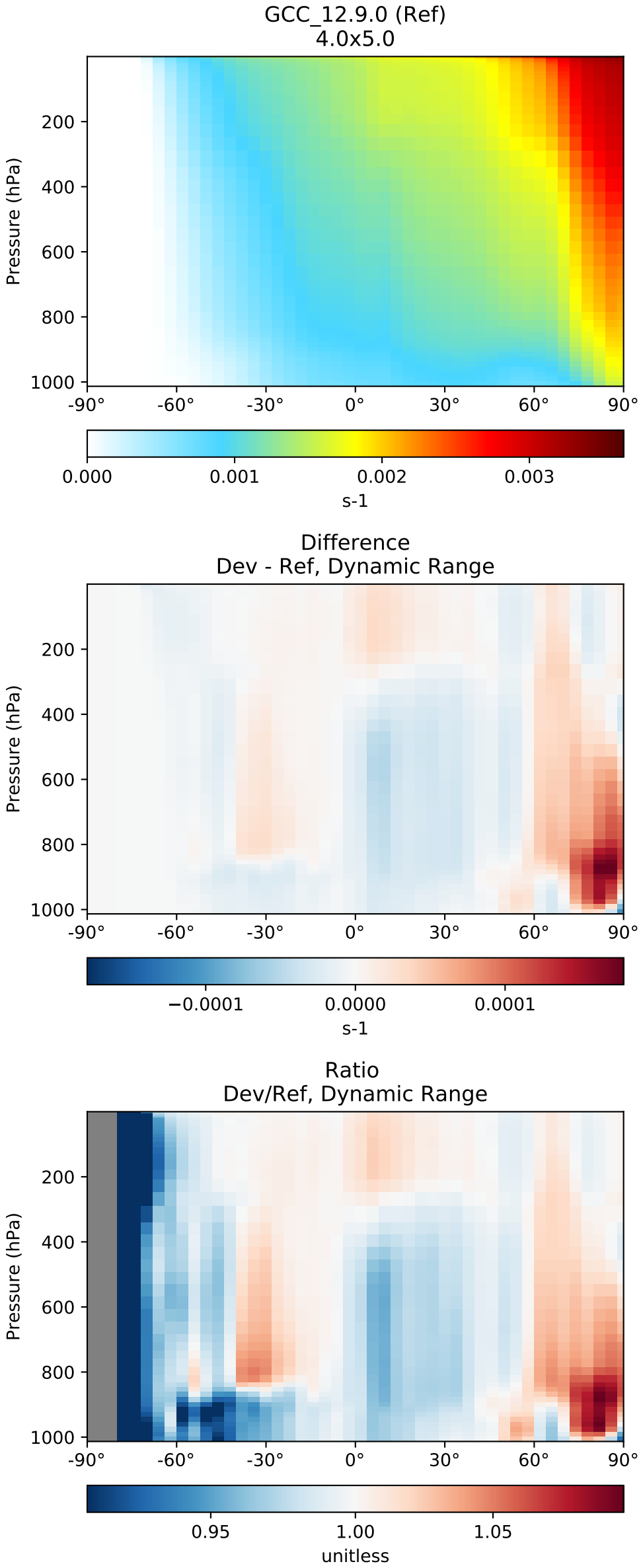



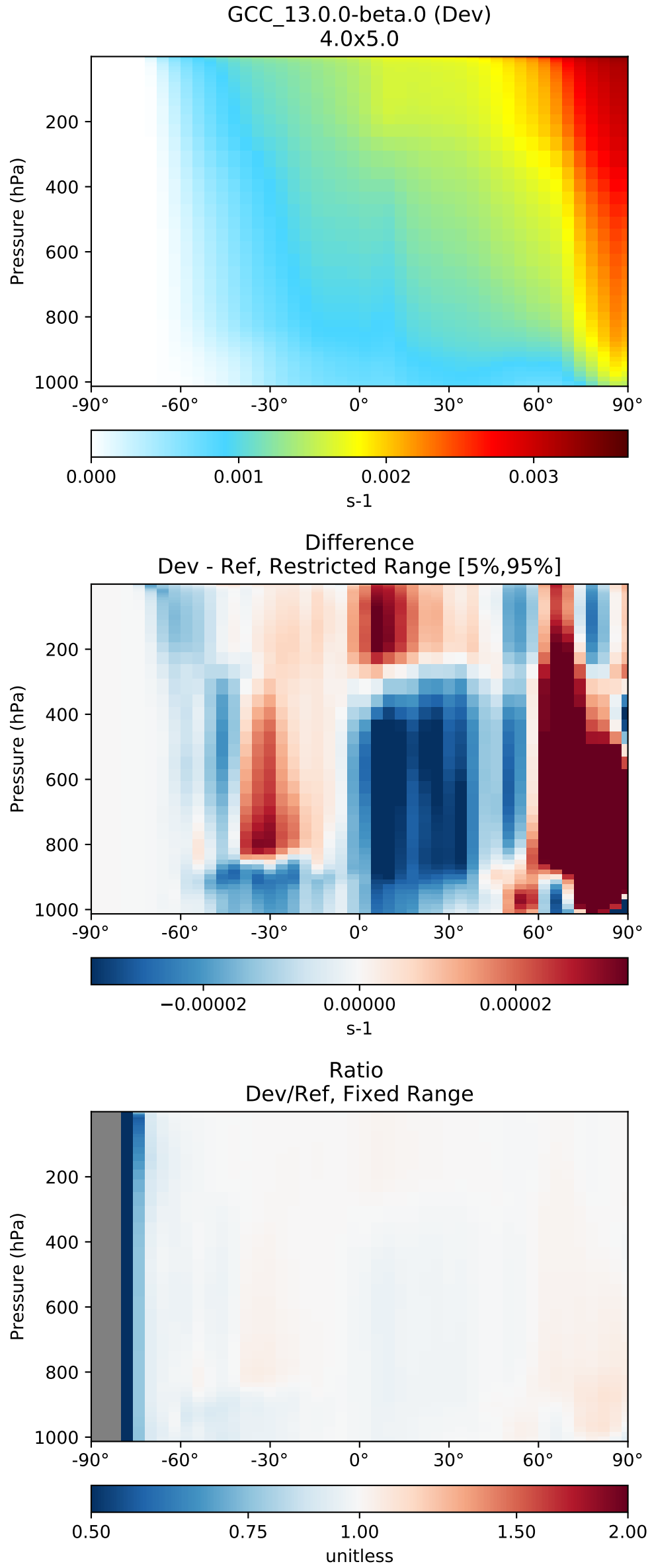
# Jval_HNO4, Zonal Mean



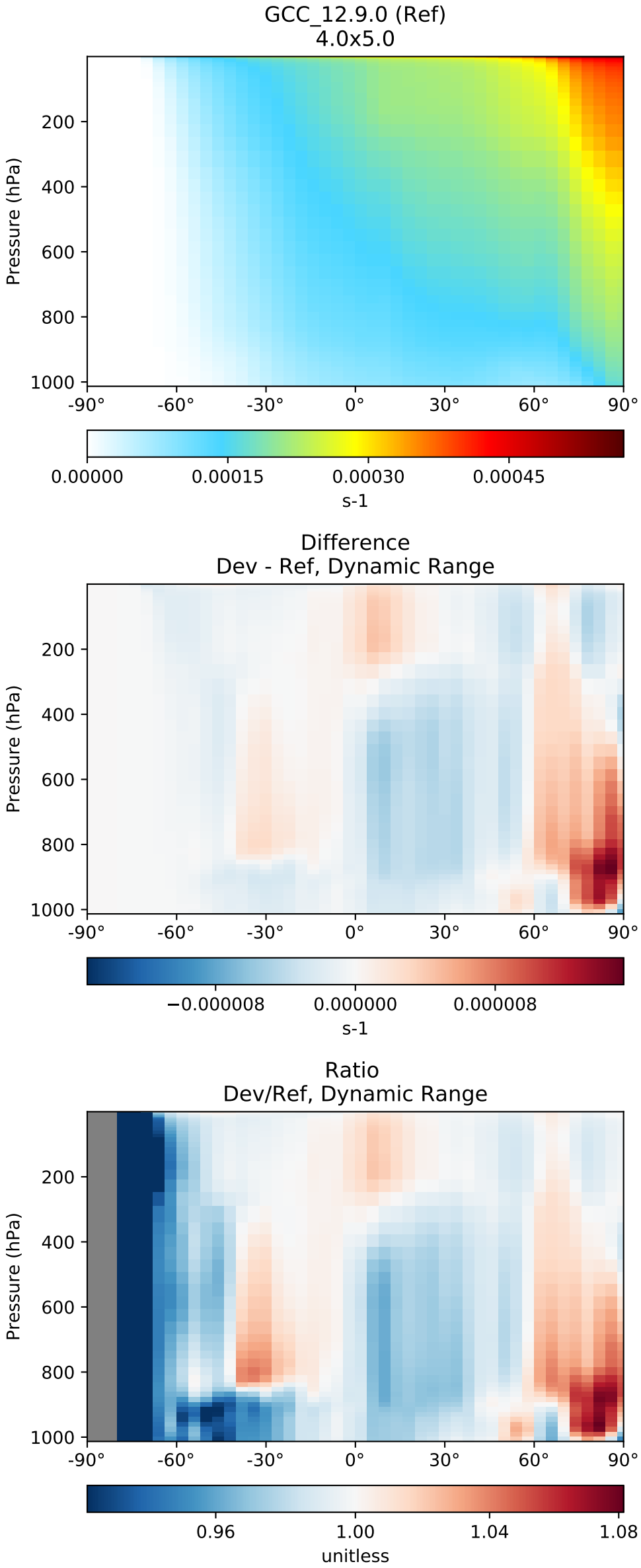



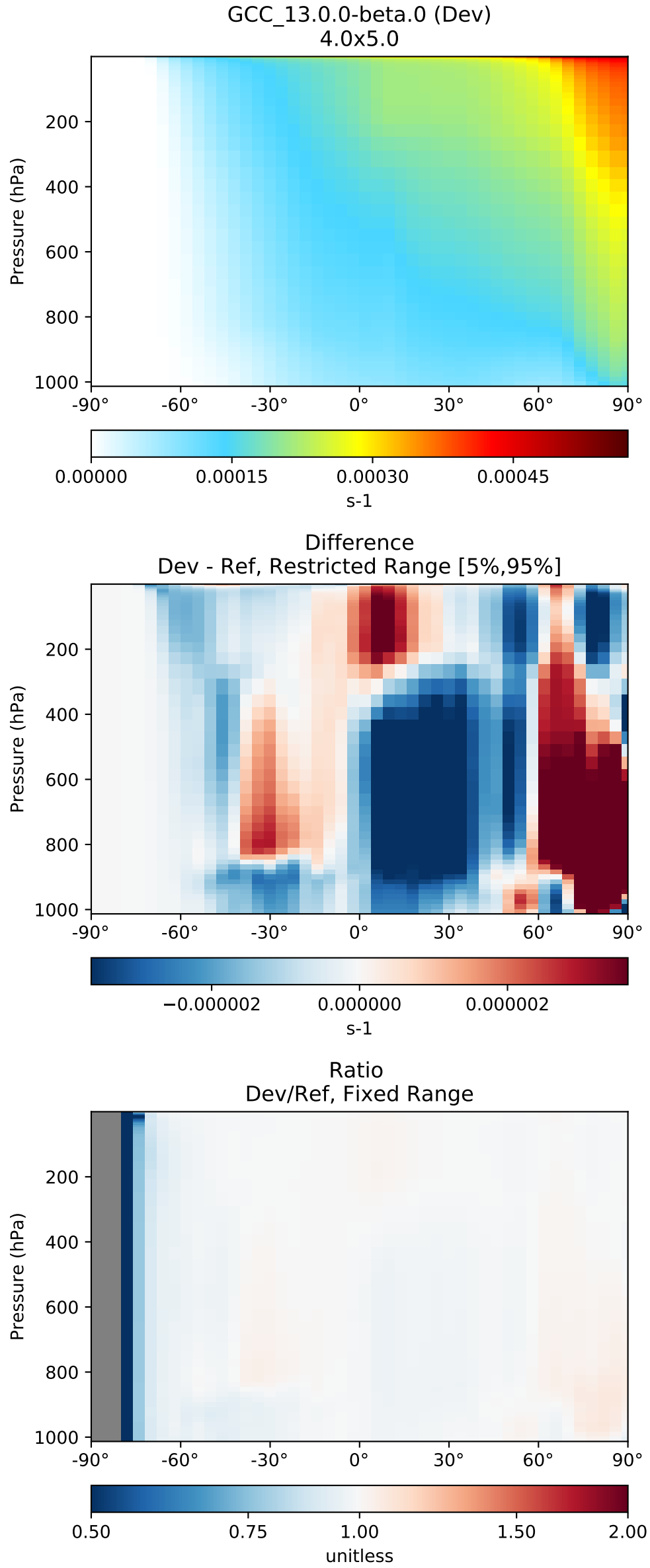
# Jval_HOBr, Zonal Mean



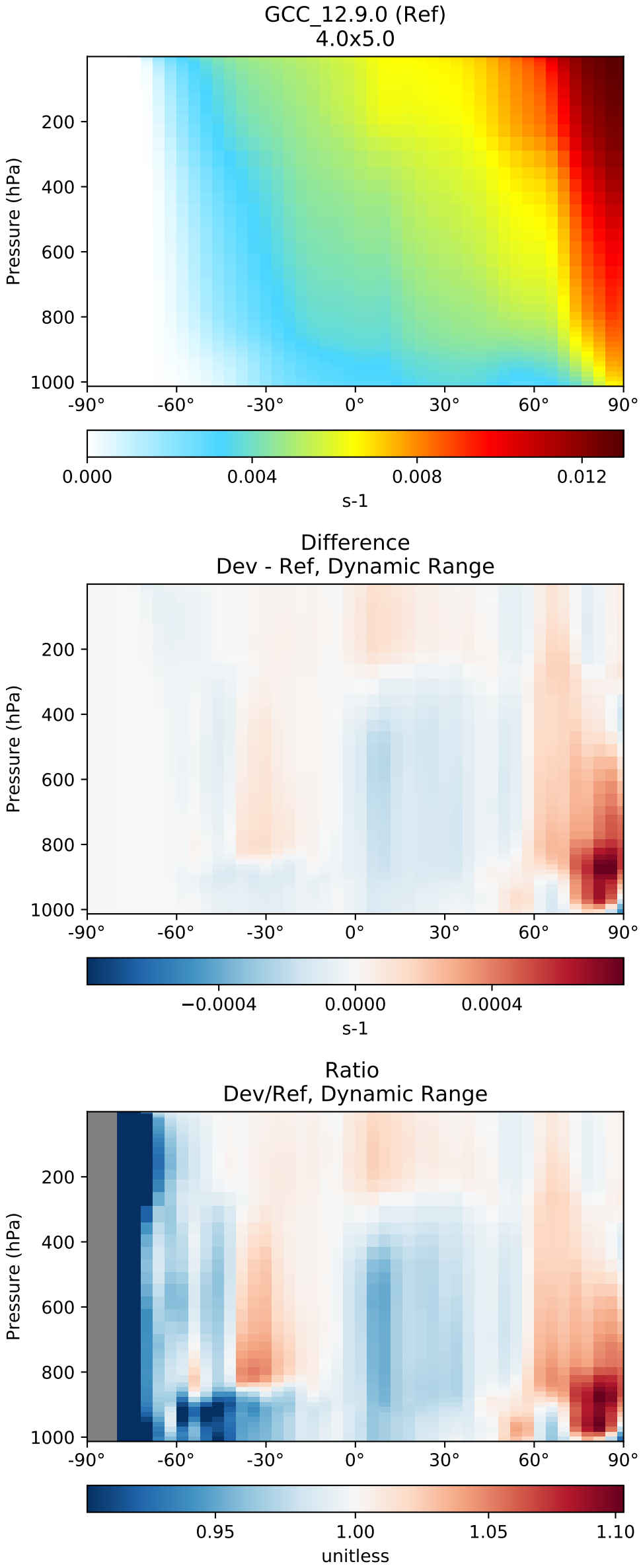



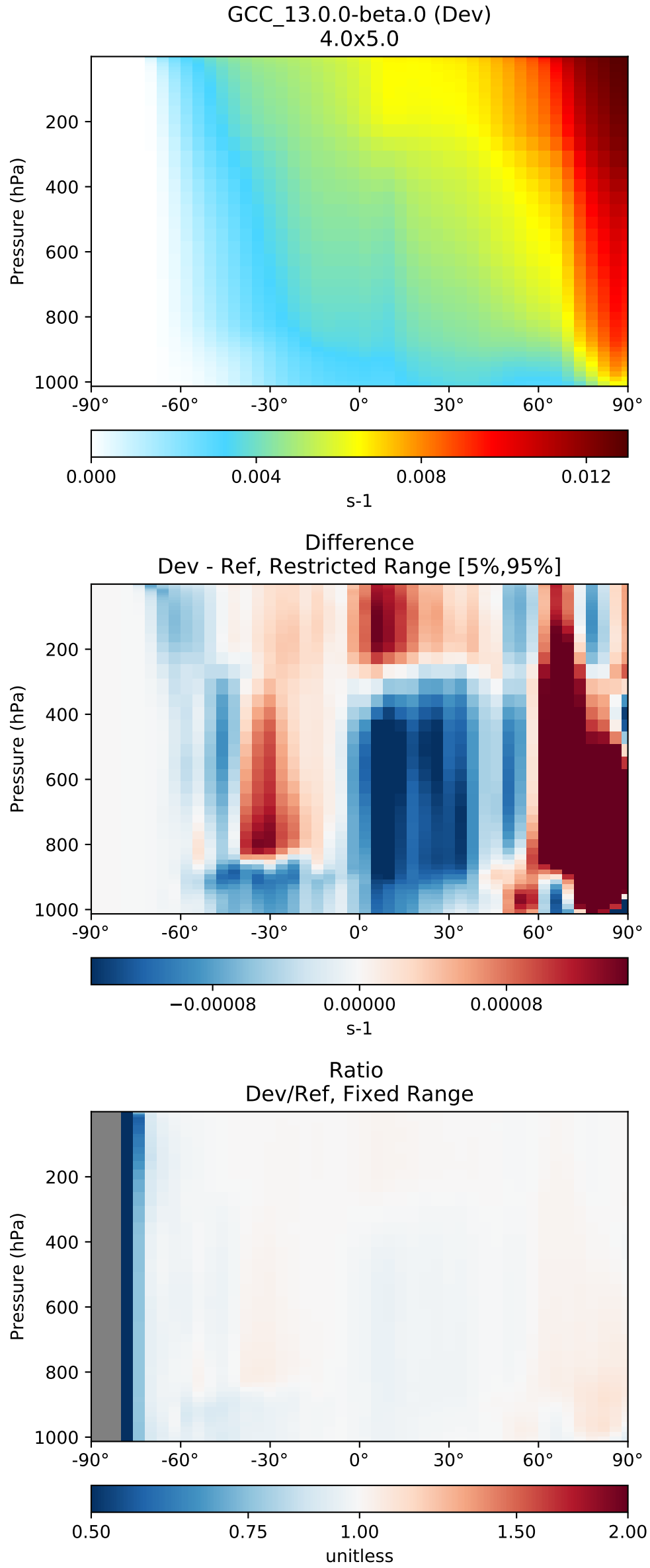
# Jval_HOCl, Zonal Mean



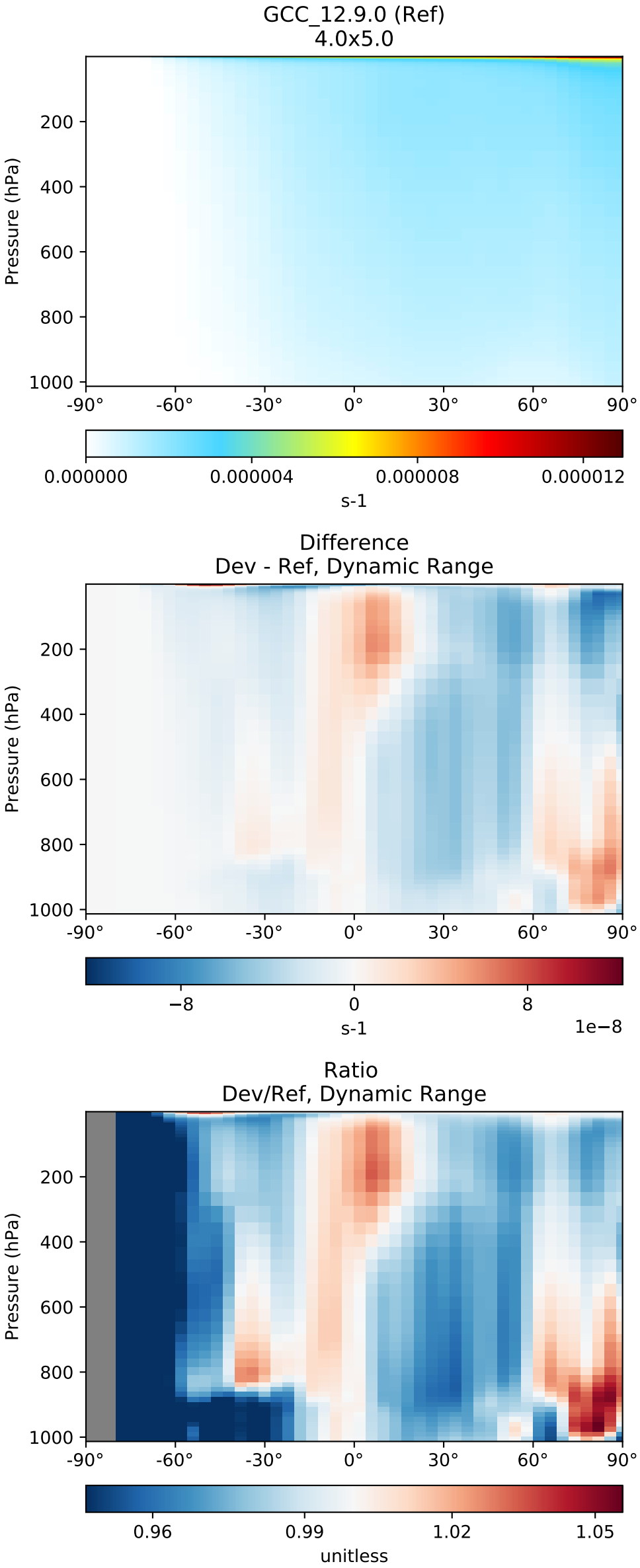



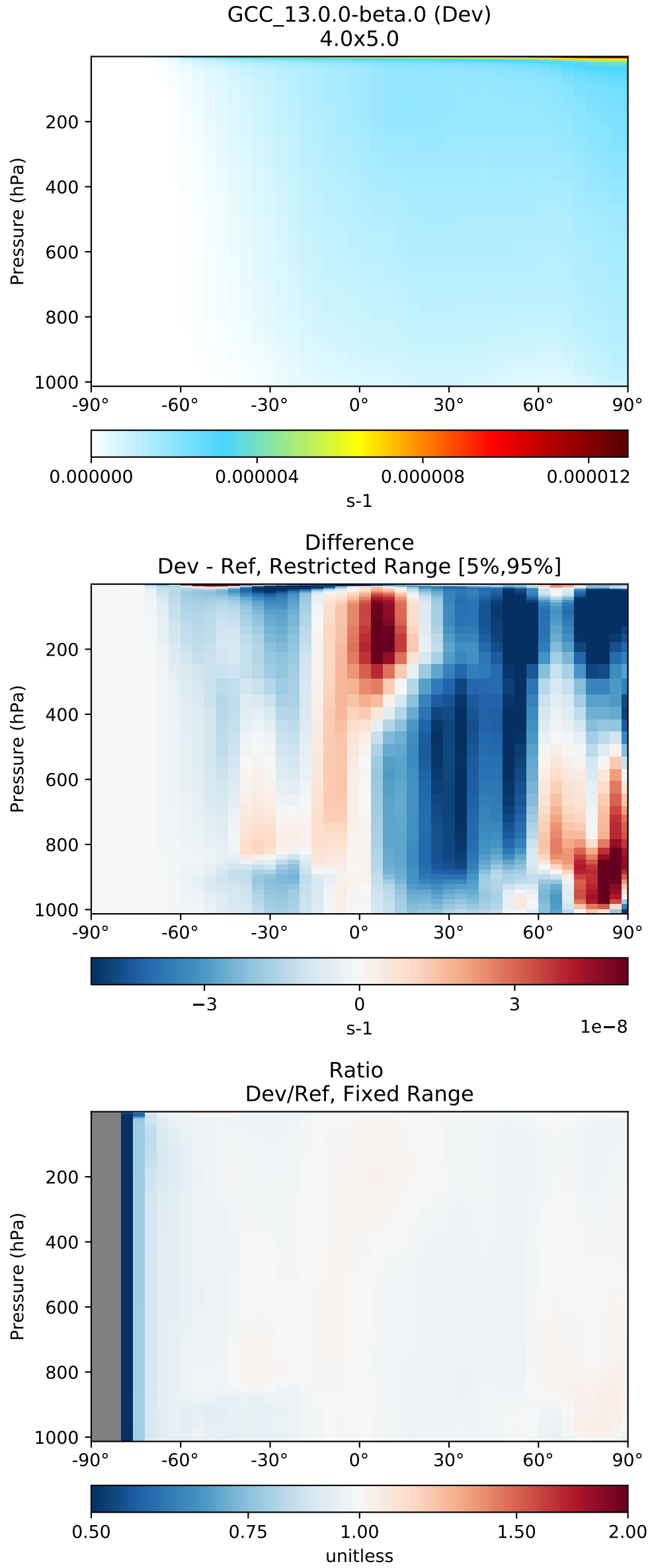
# Jval_HOI, Zonal Mean



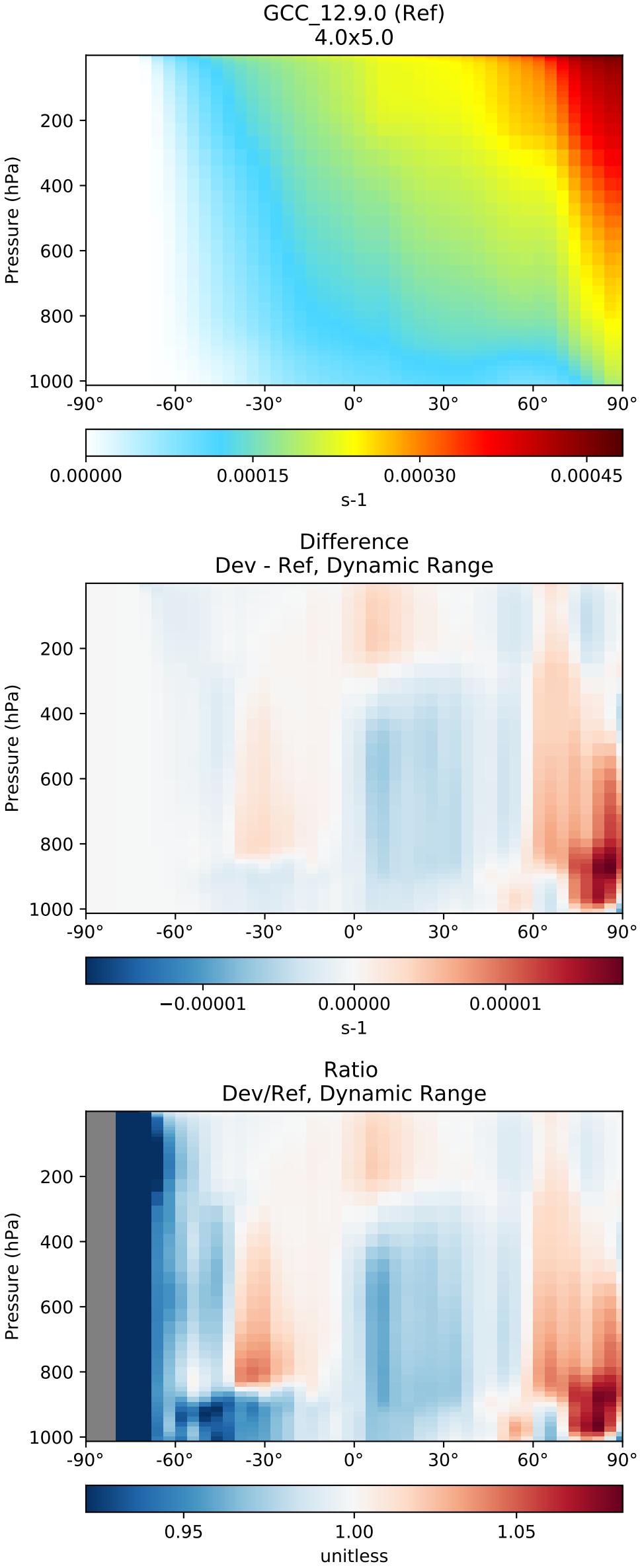



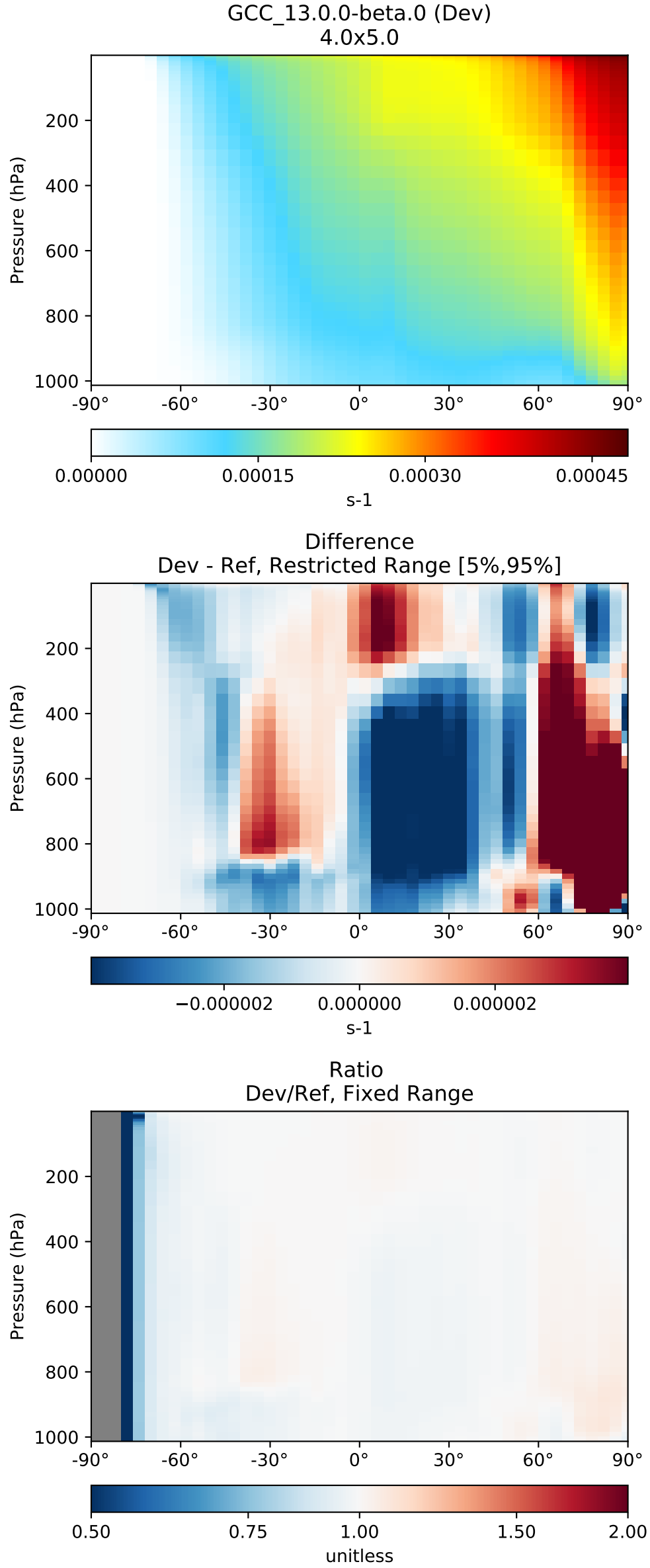
# Jval_HONIT, Zonal Mean



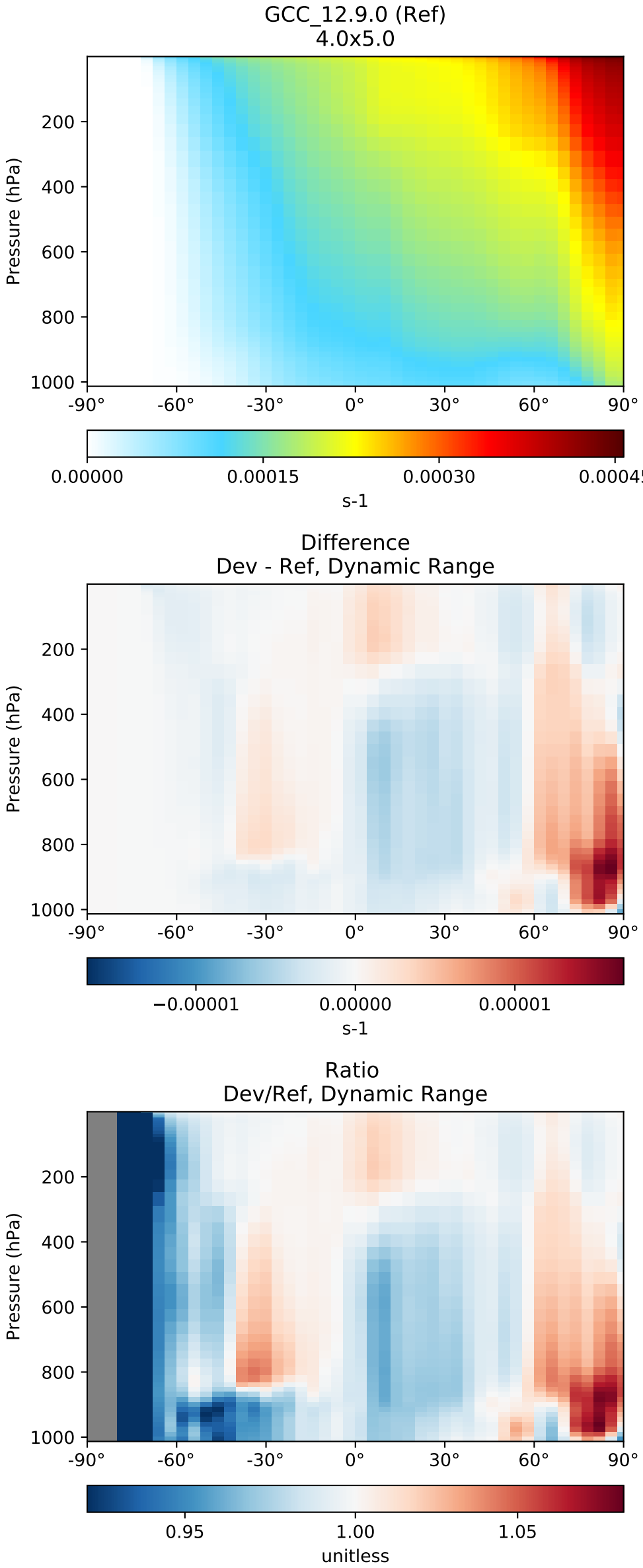



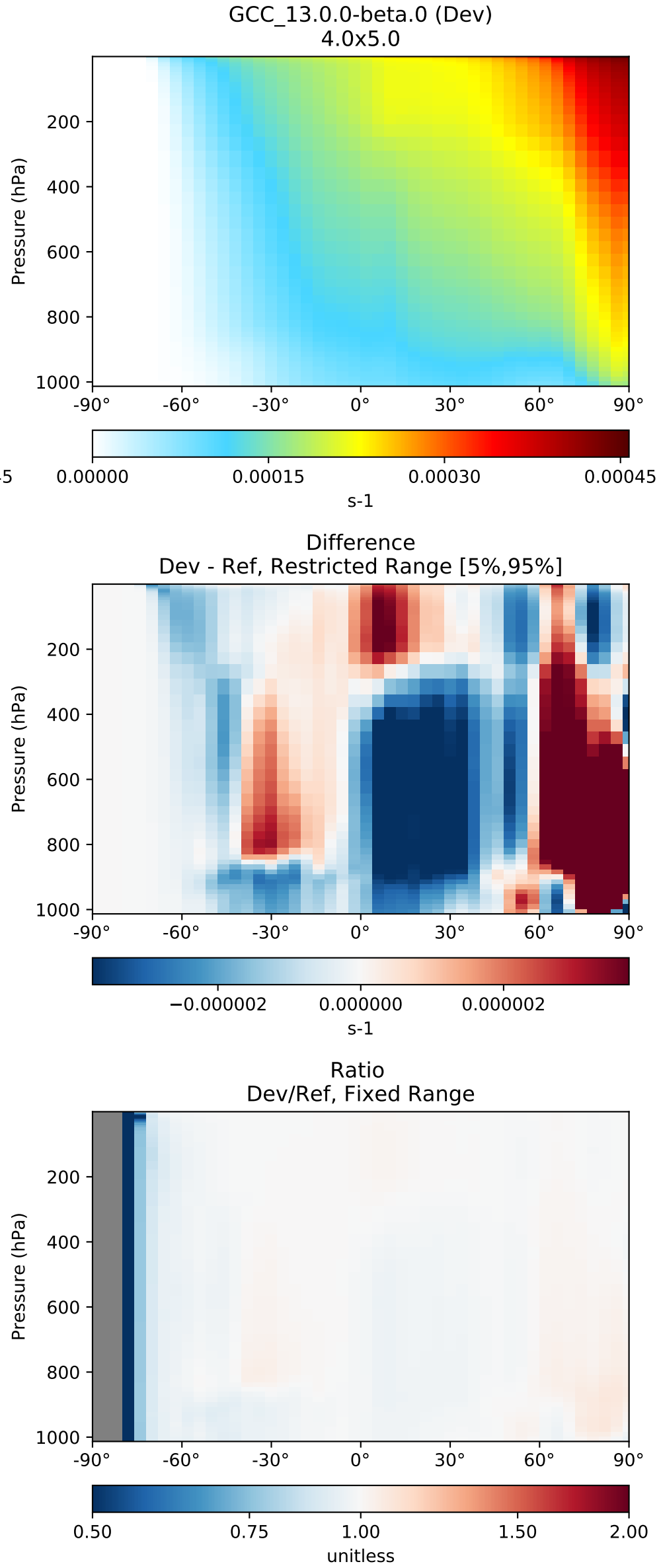
# Jval_HPALD1, Zonal Mean



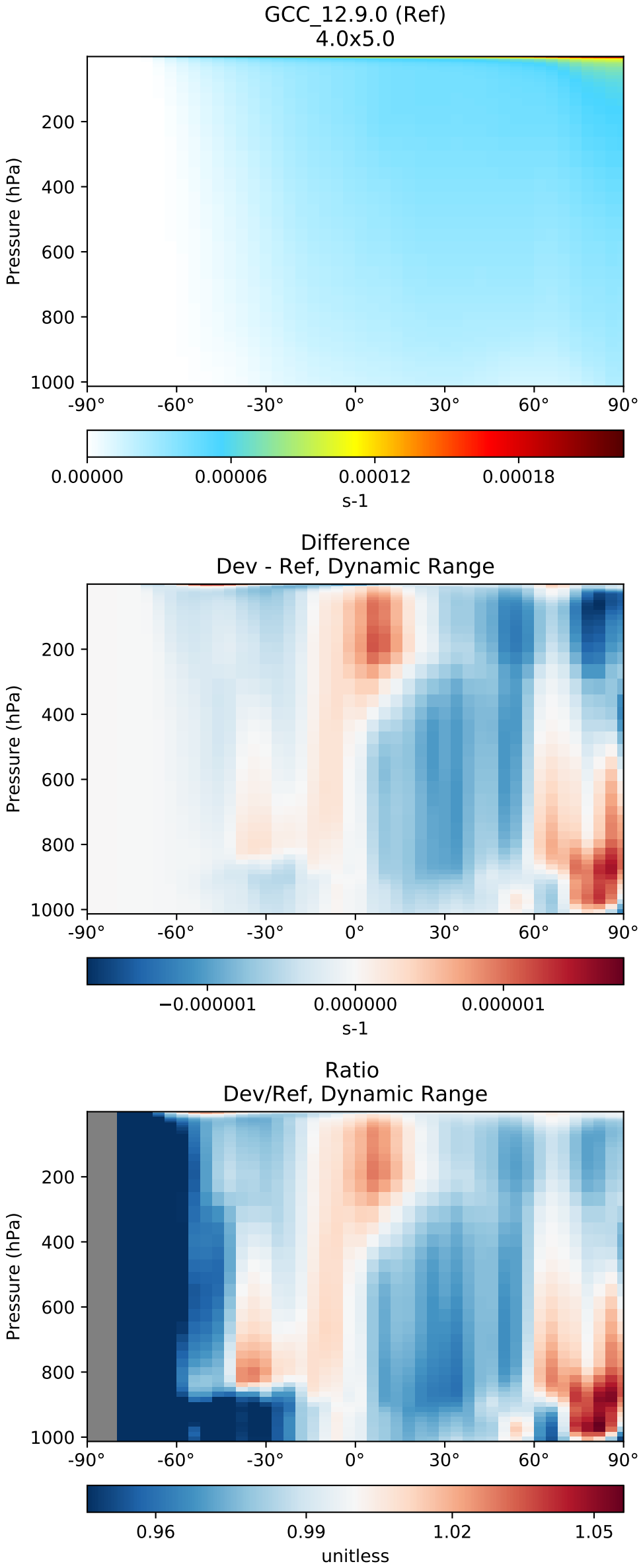



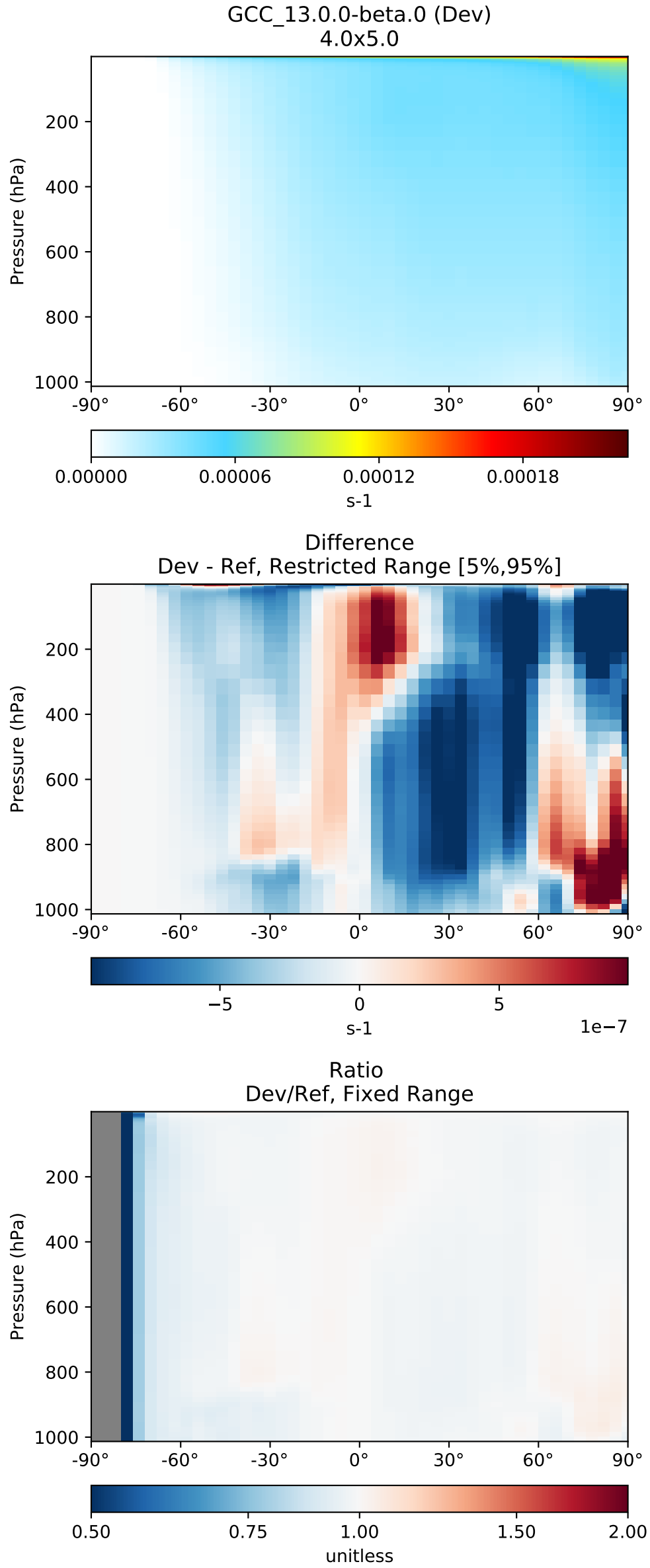
# Jval_HPALD2, Zonal Mean



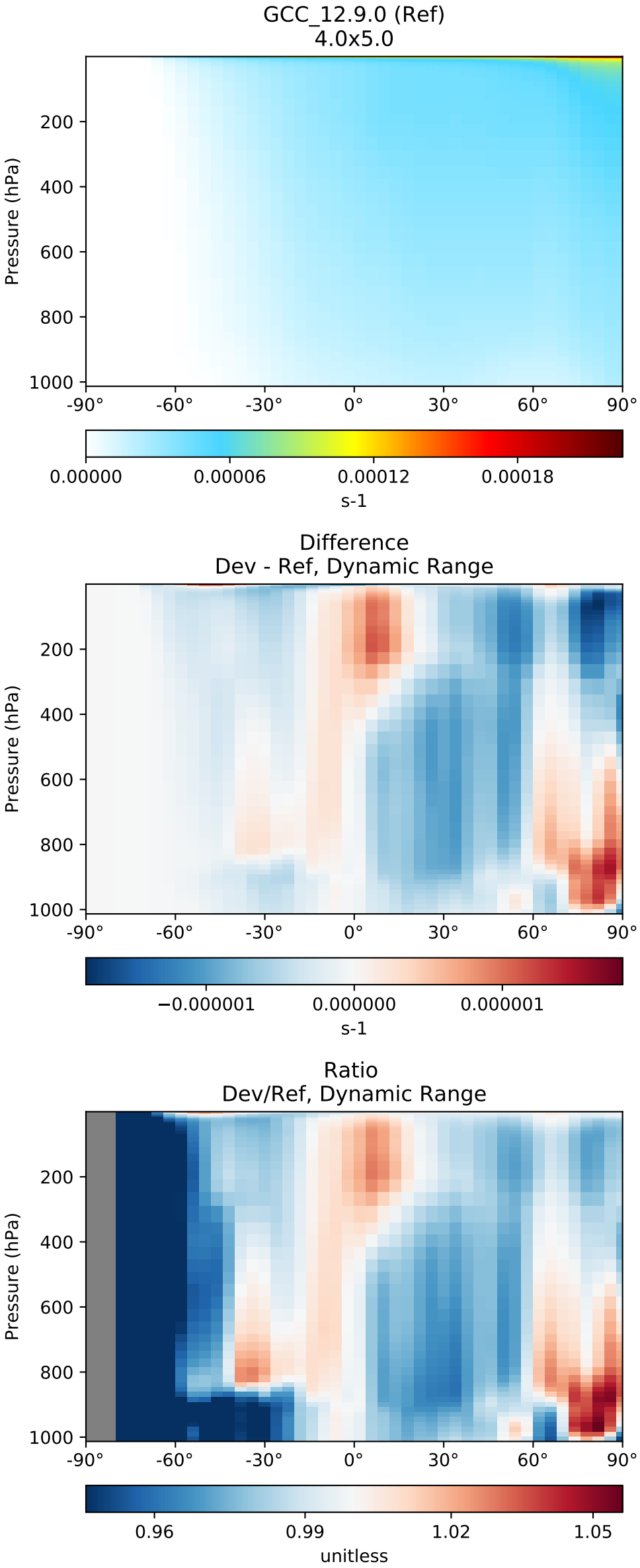



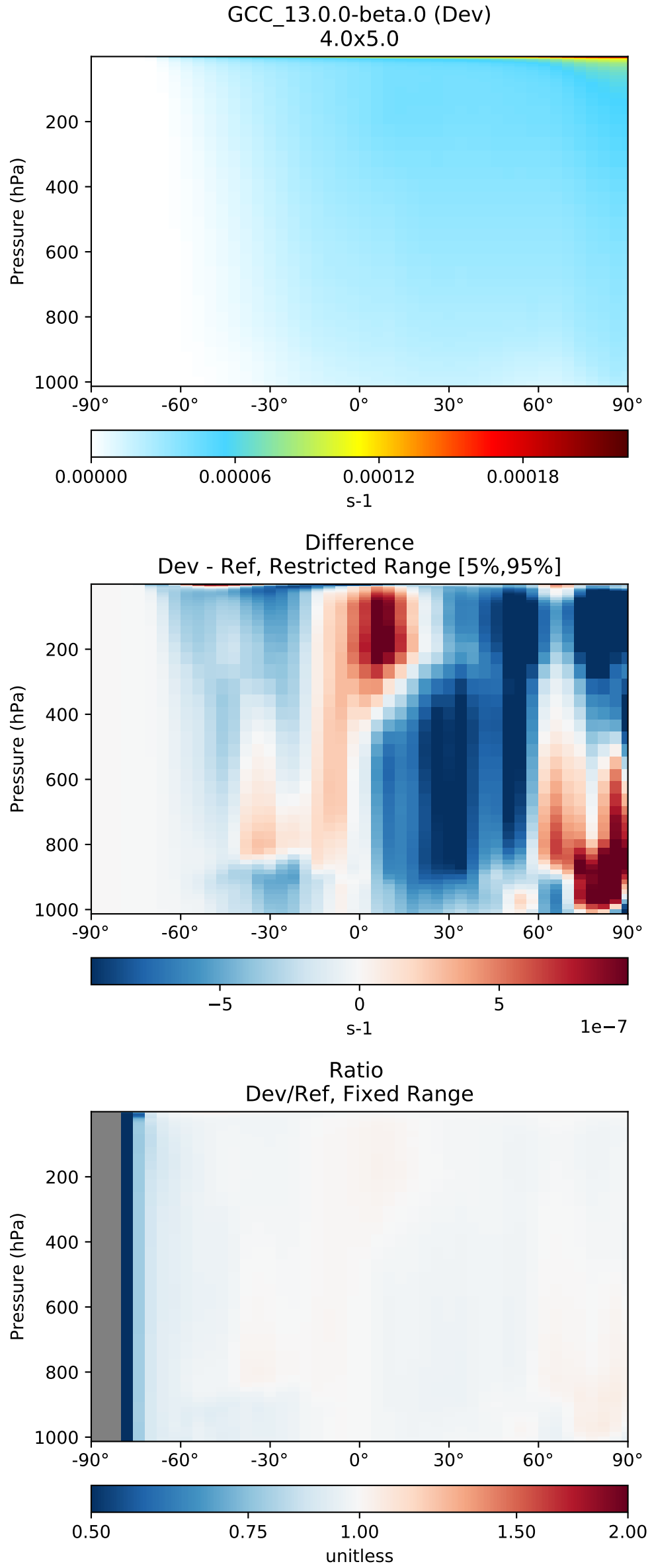
# Jval_HPALD3, Zonal Mean



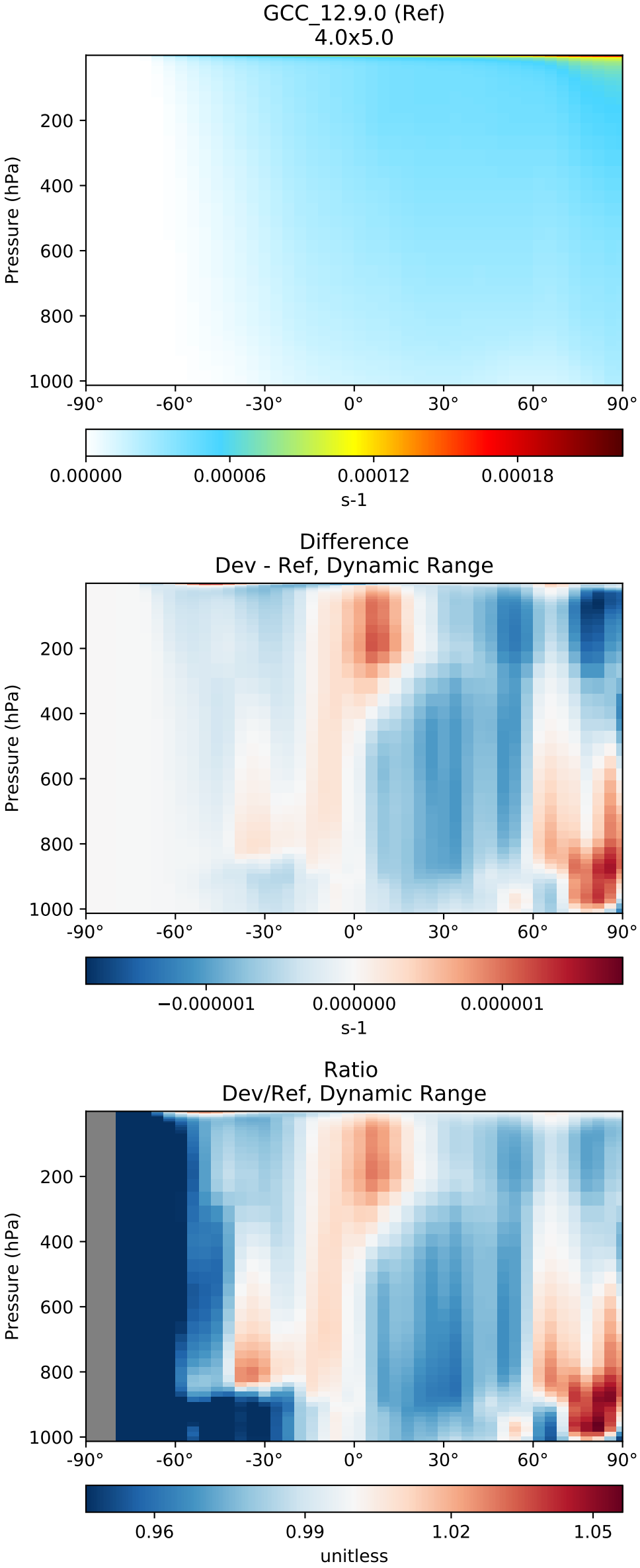



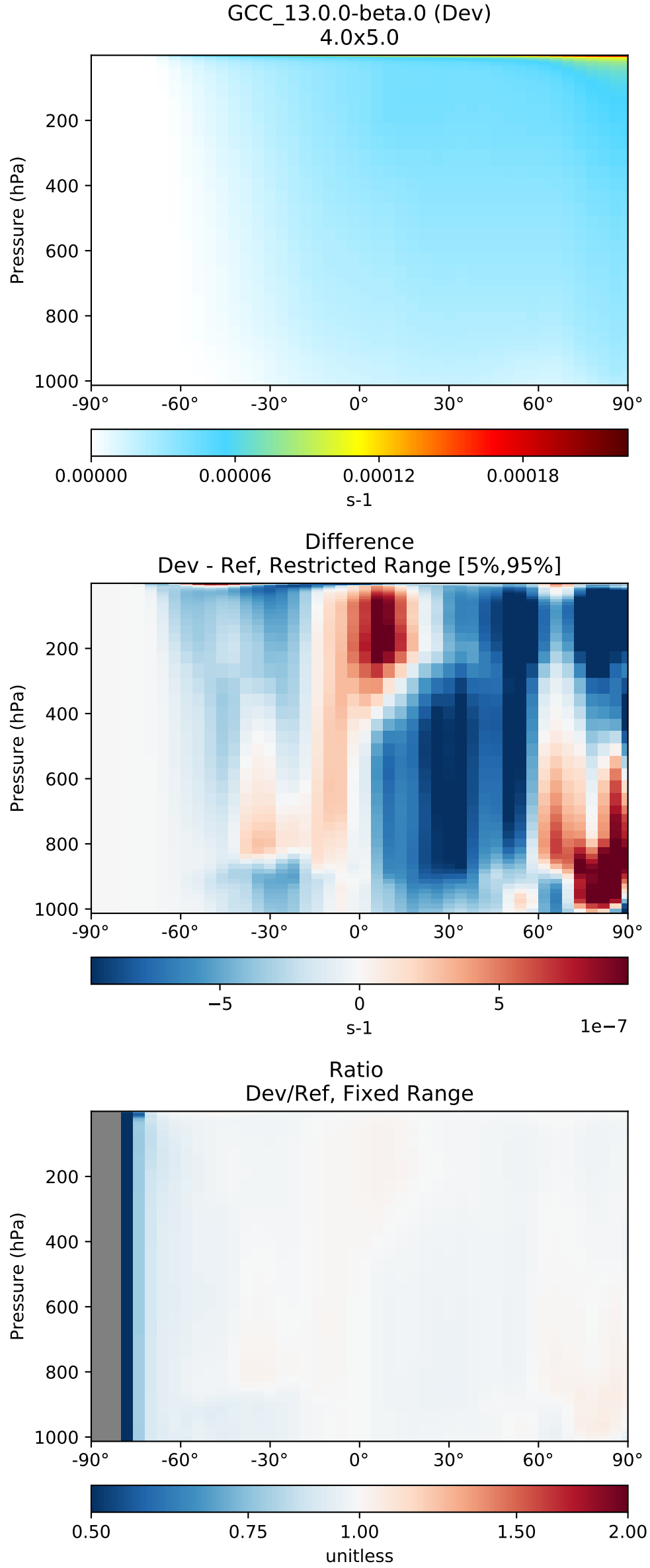
# Jval_HPALD4, Zonal Mean



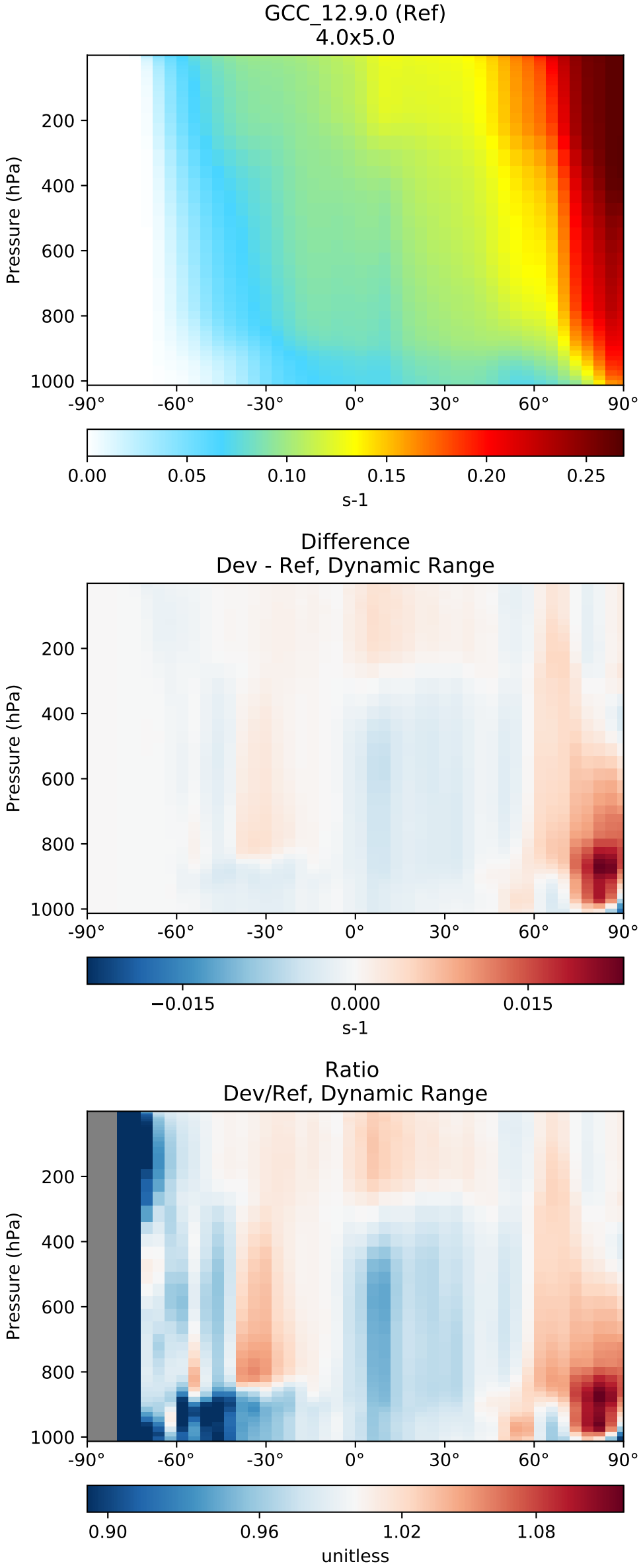



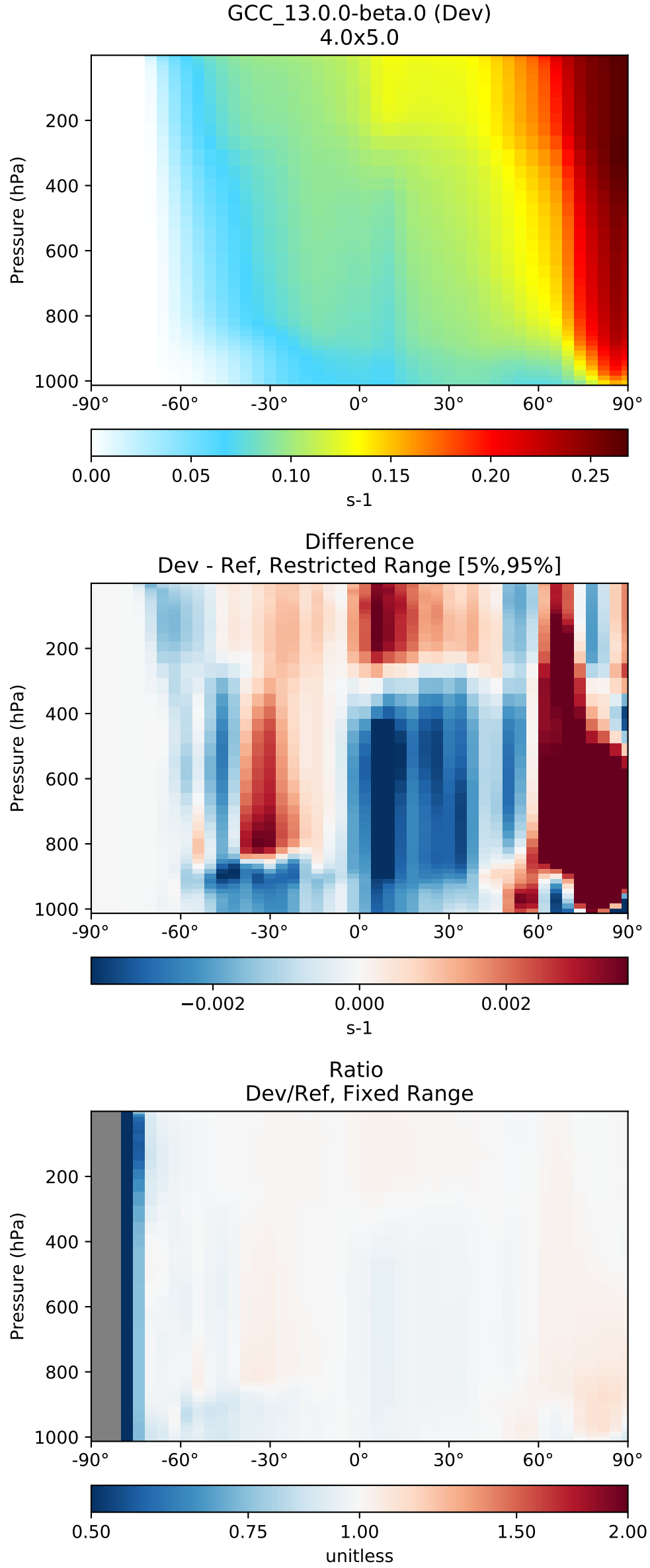
# Jval_HPETHNL, Zonal Mean



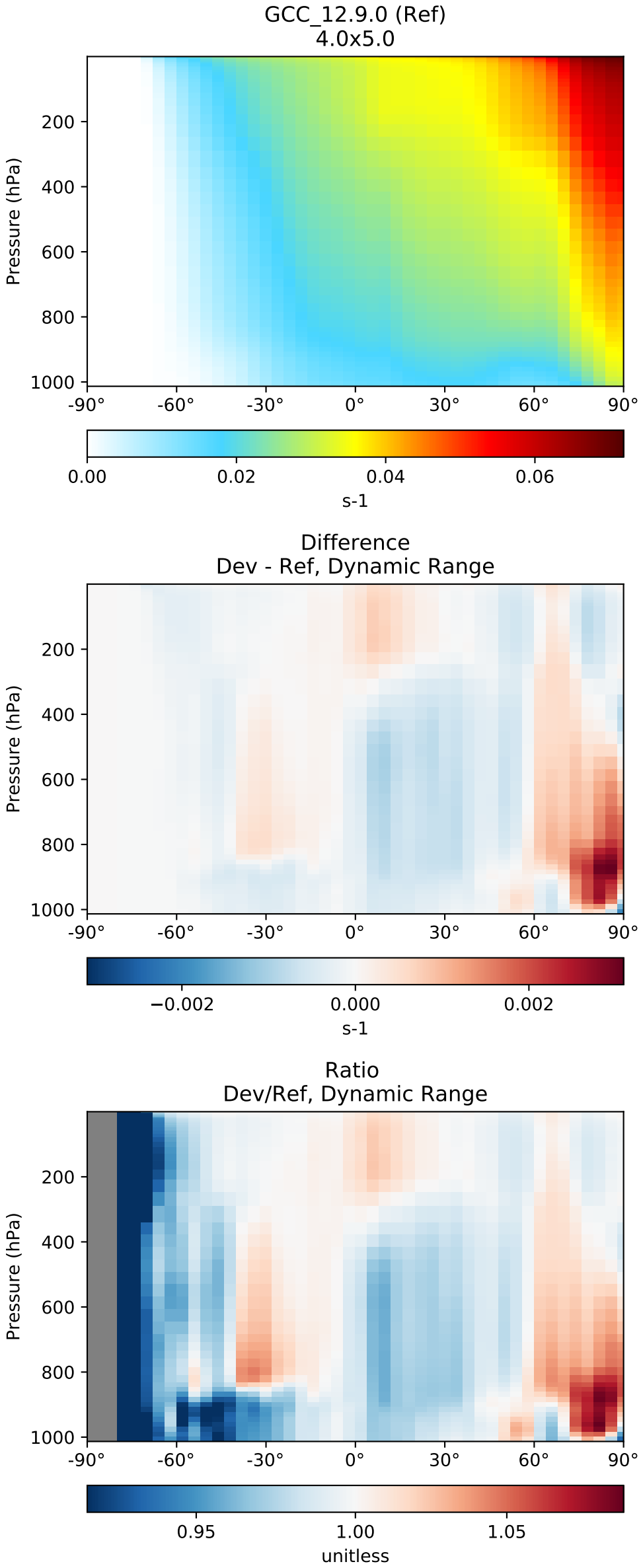



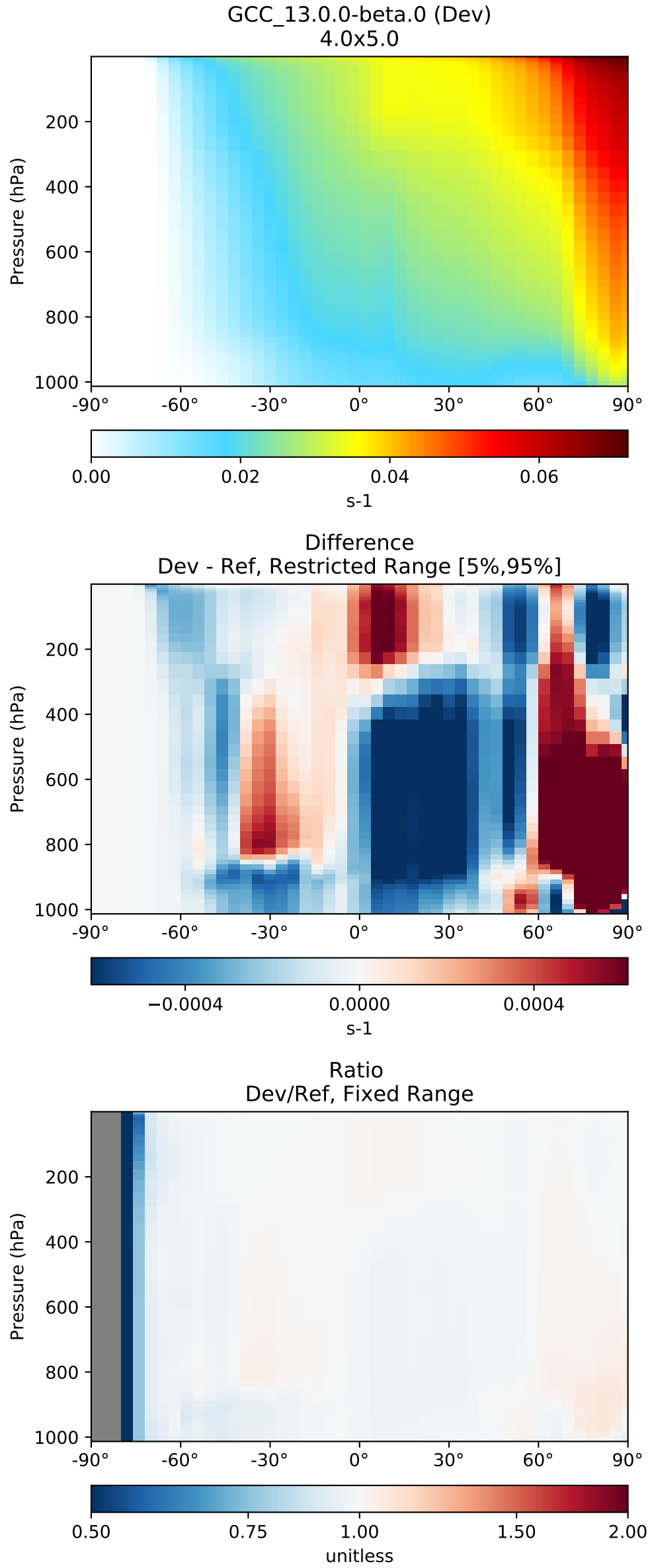
# Jval_I2, Zonal Mean



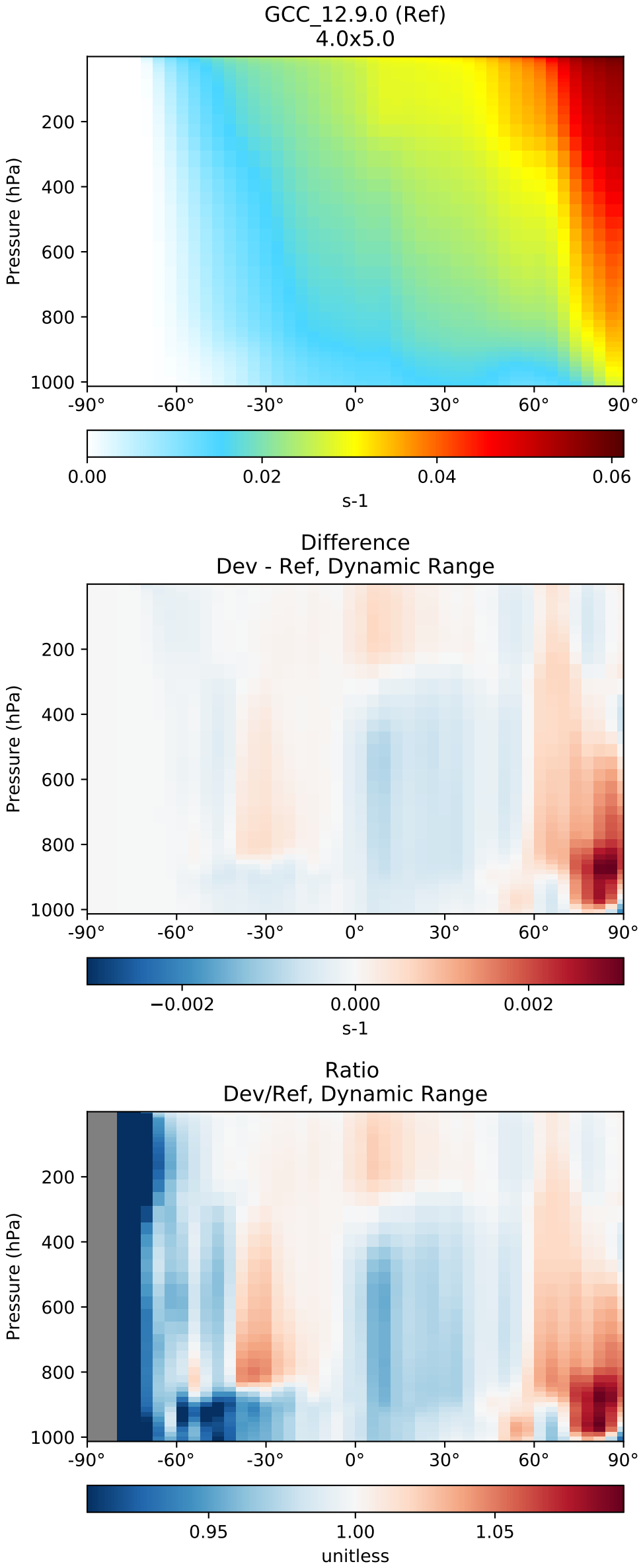



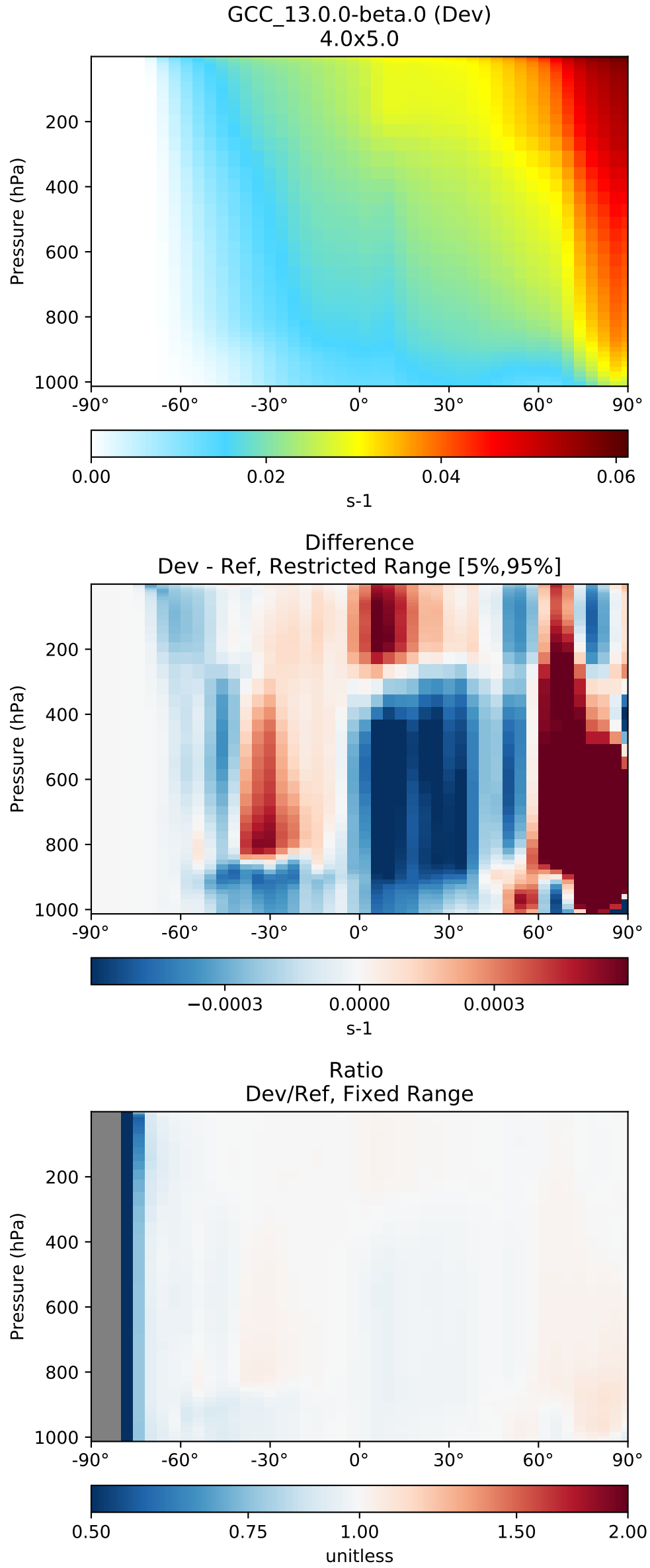
# Jval_I2O2, Zonal Mean



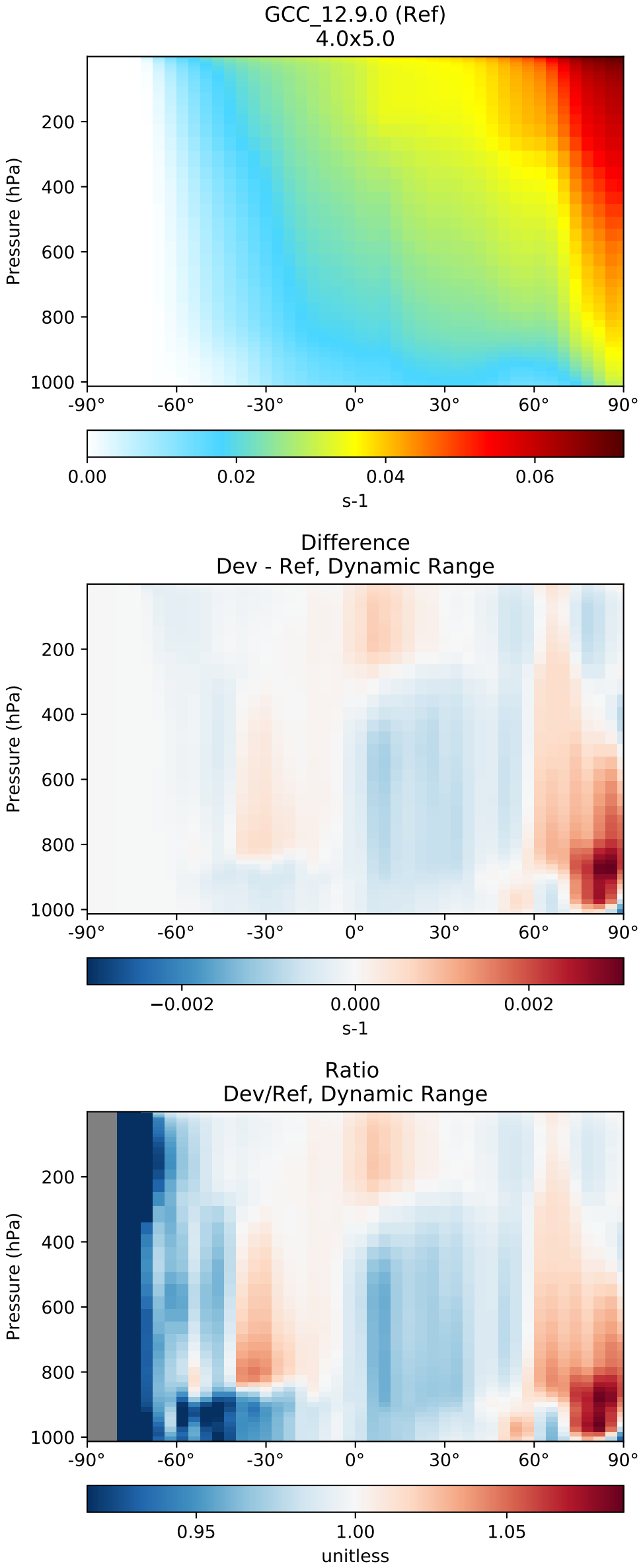



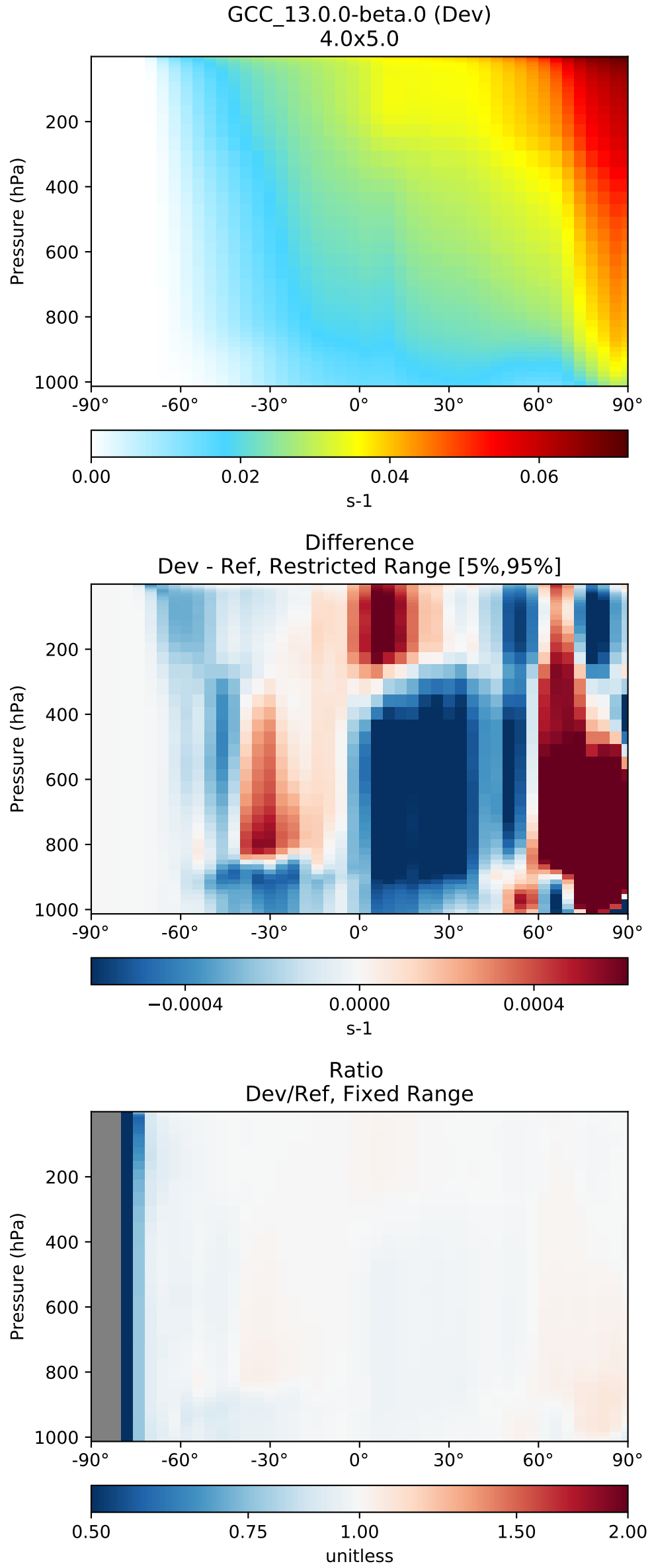
# Jval_I2O3, Zonal Mean



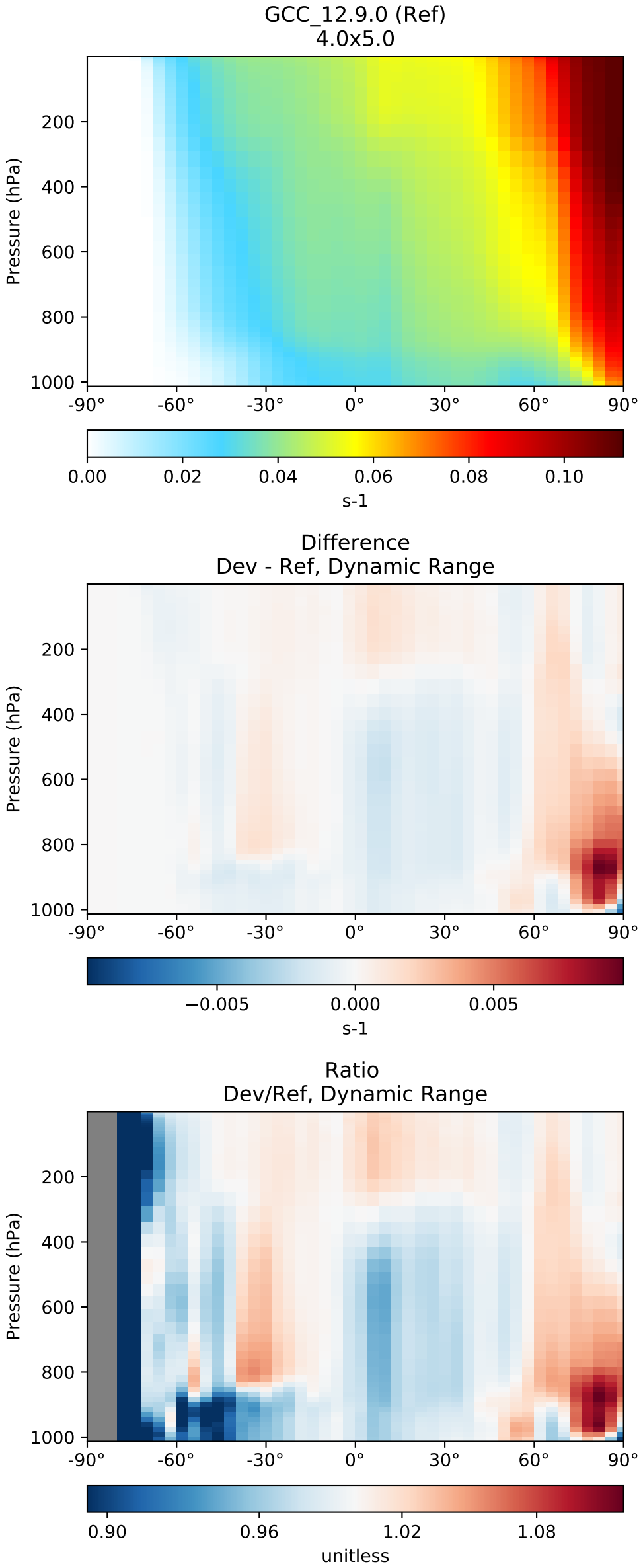



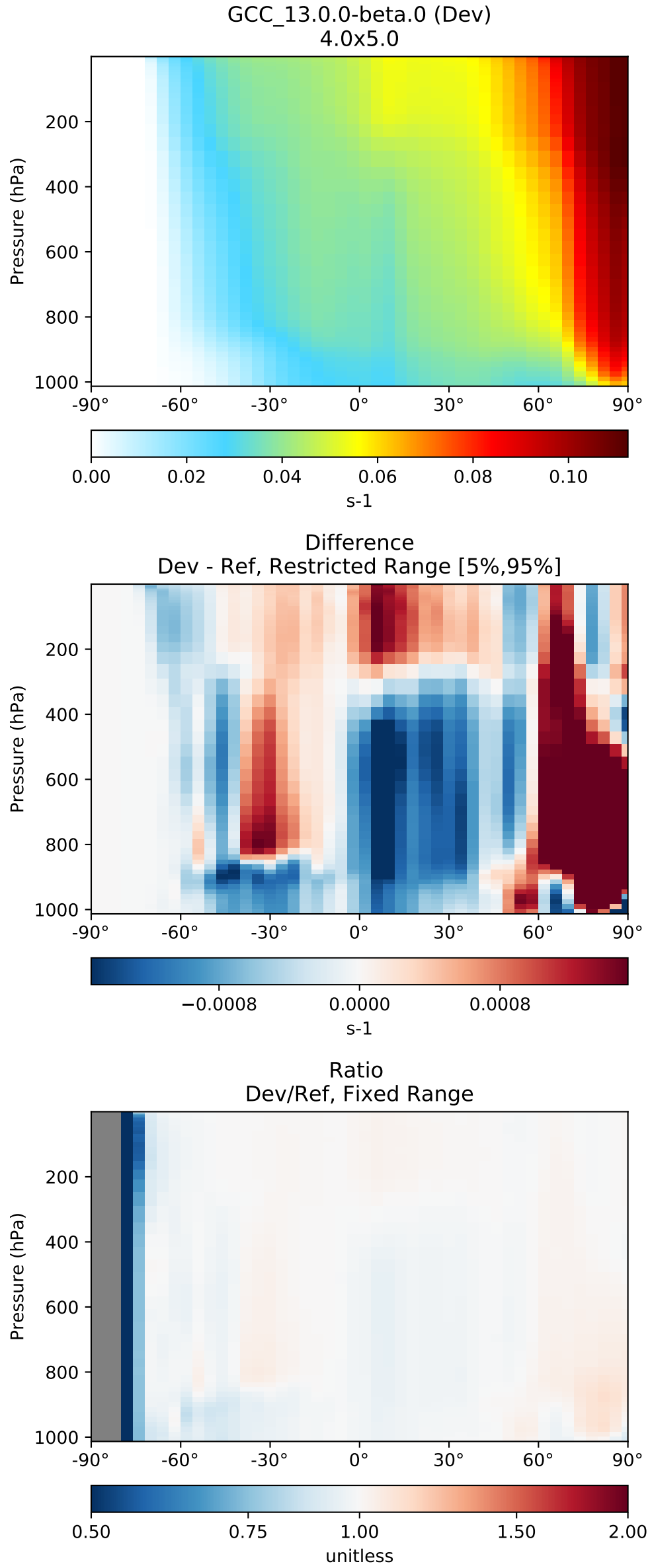
# Jval_I2O4, Zonal Mean



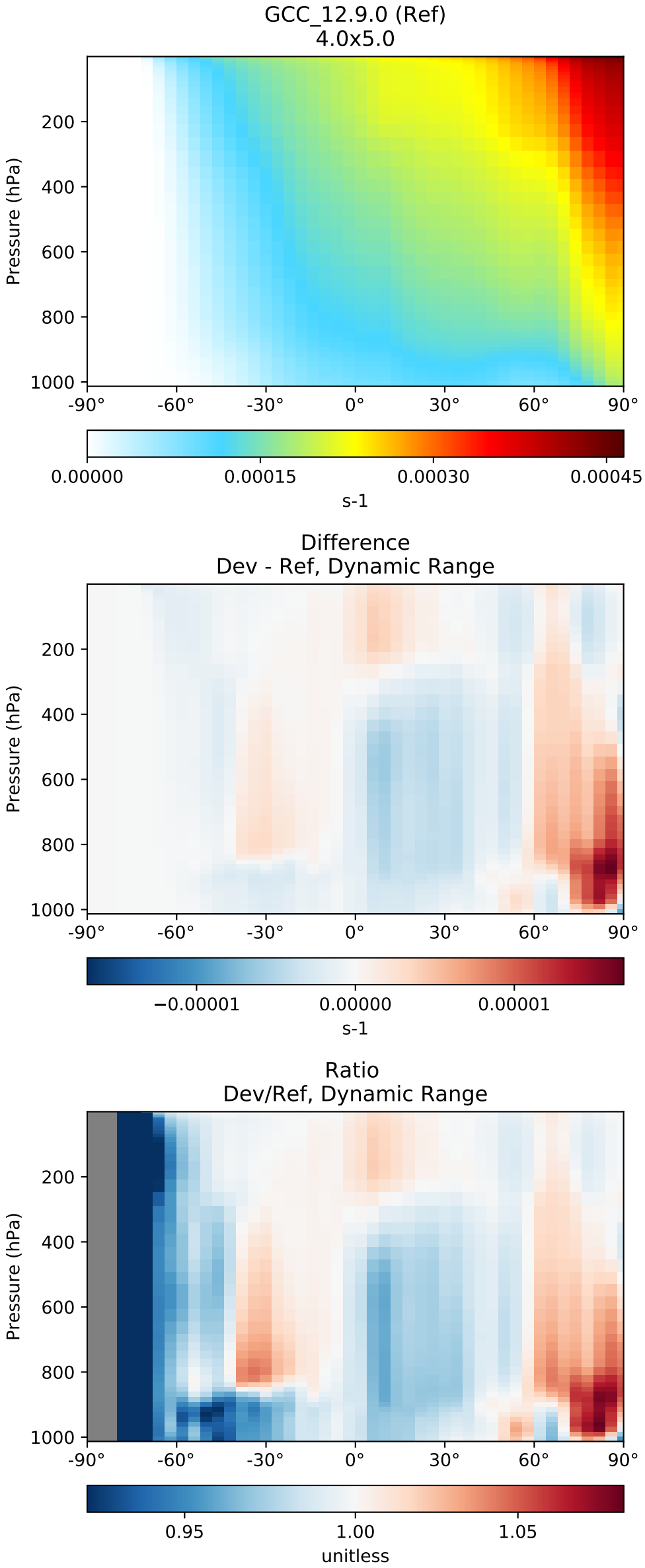



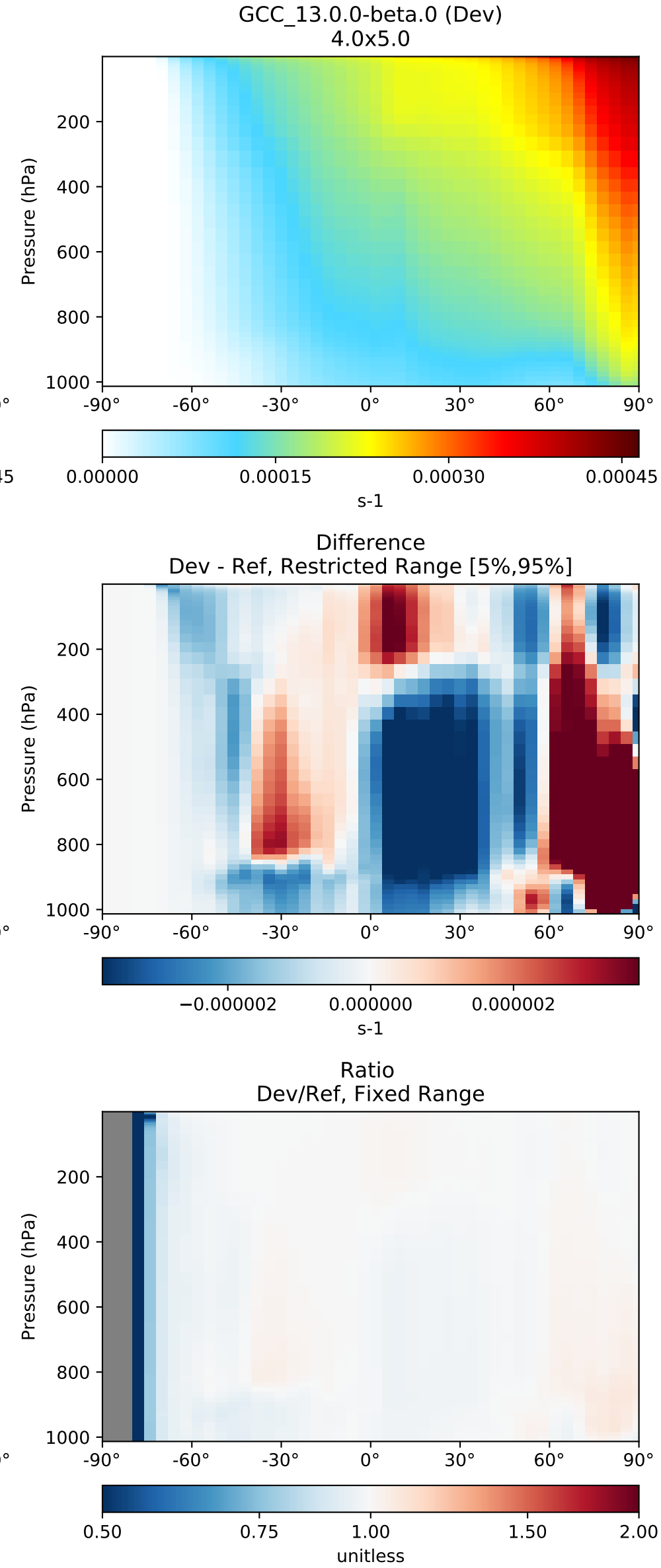
# Jval_IBr, Zonal Mean



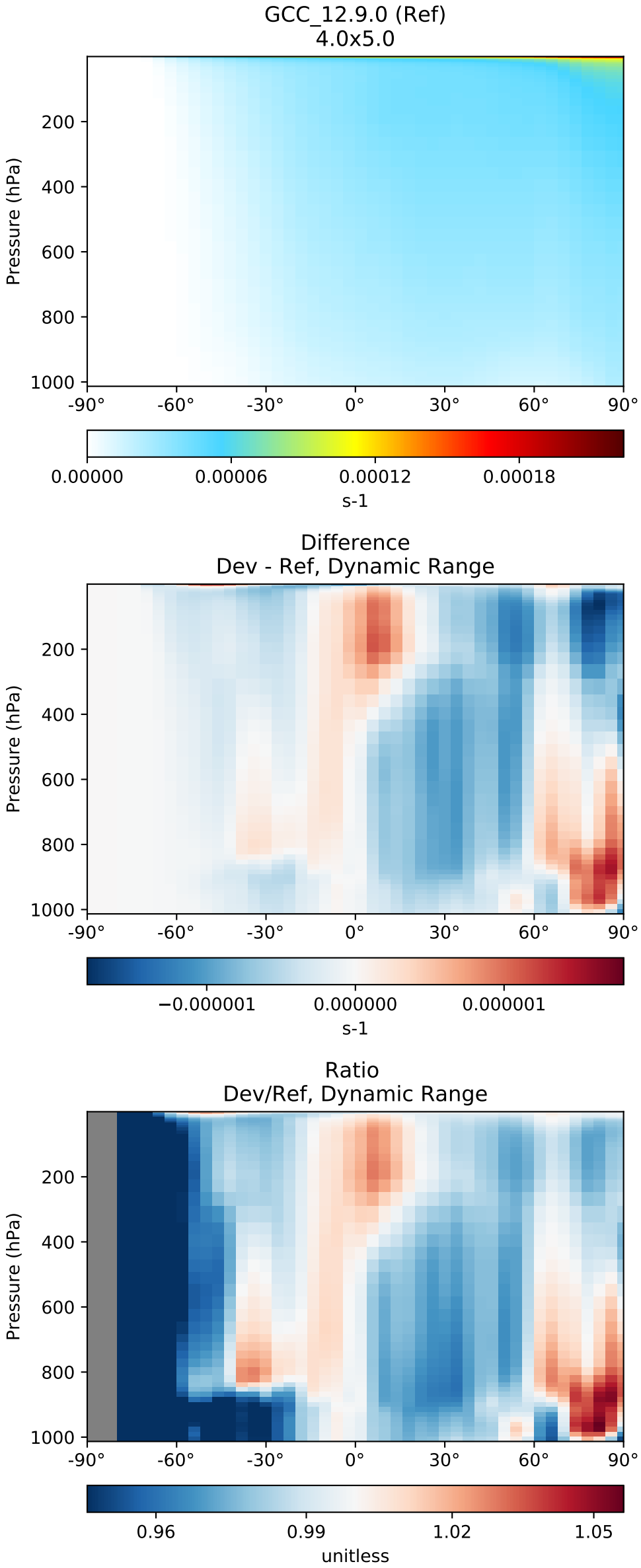



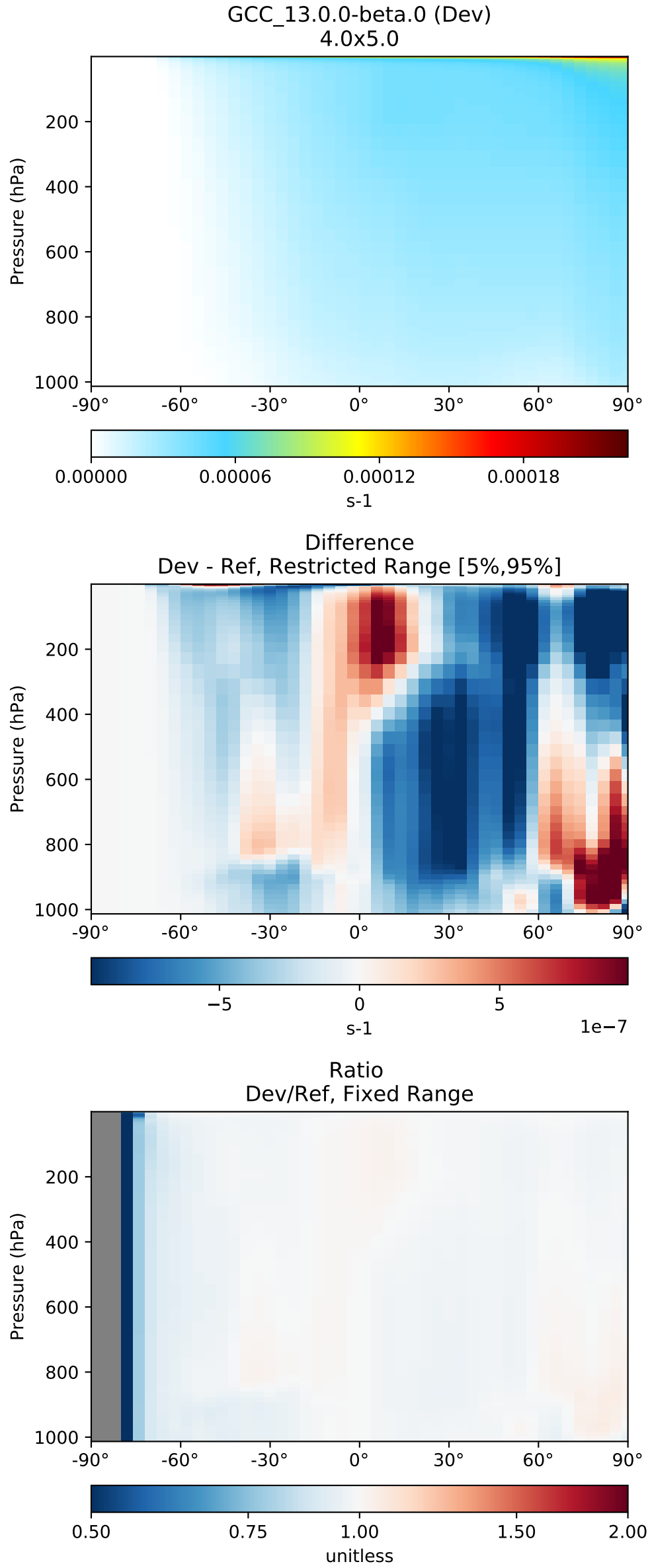
# Jval_ICN, Zonal Mean



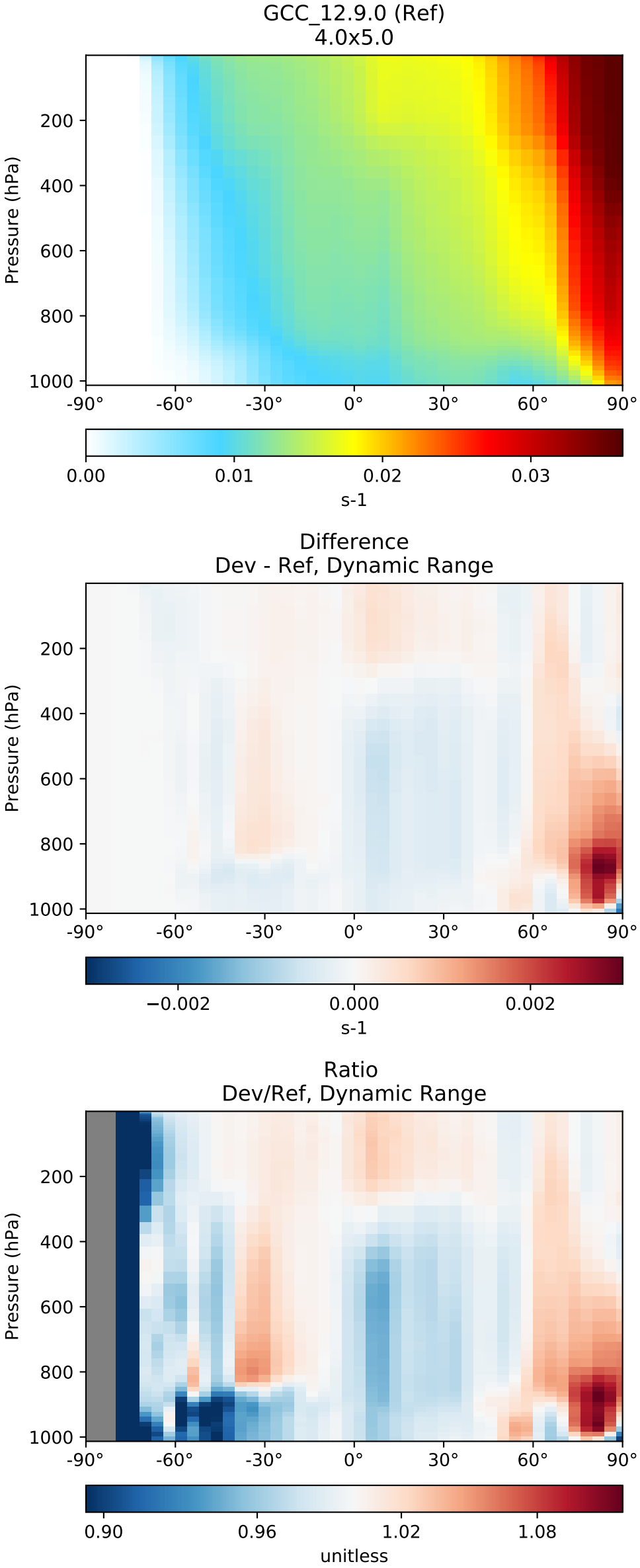



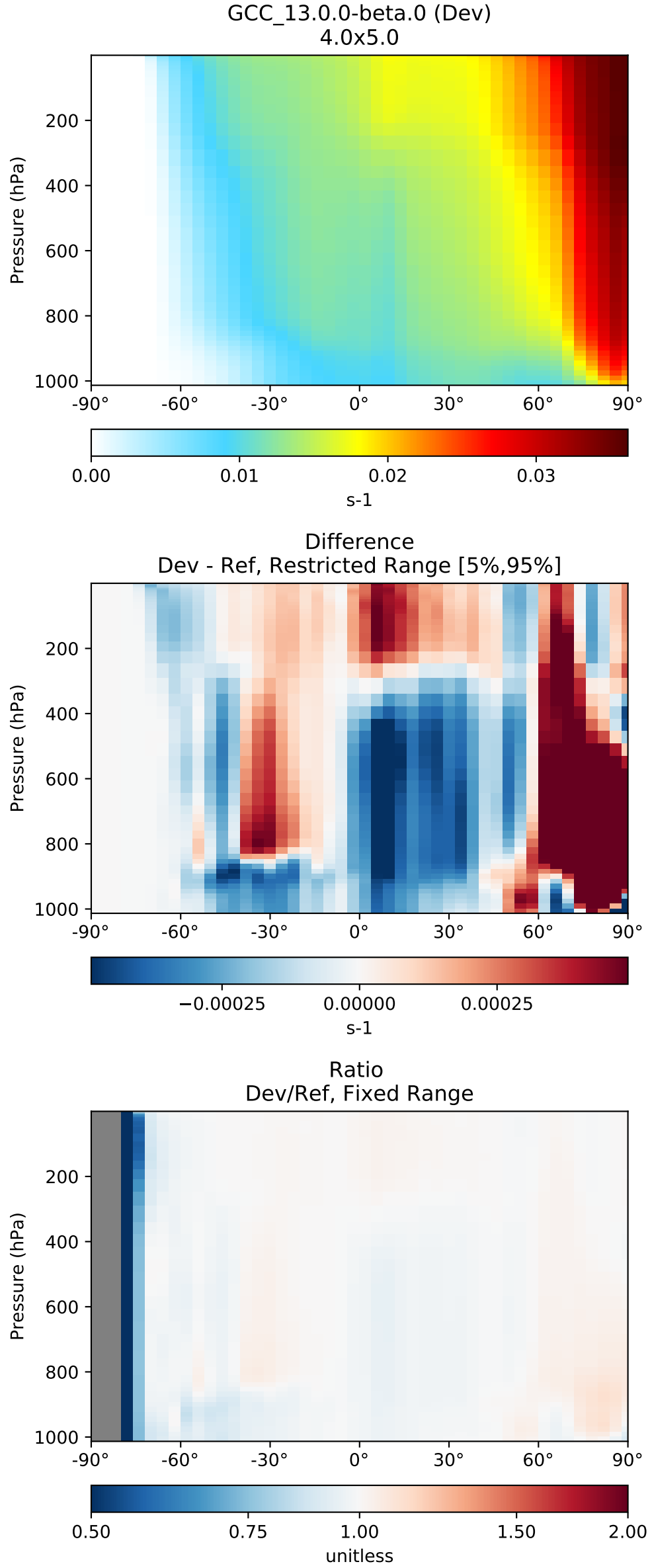
# Jval_ICPDH, Zonal Mean



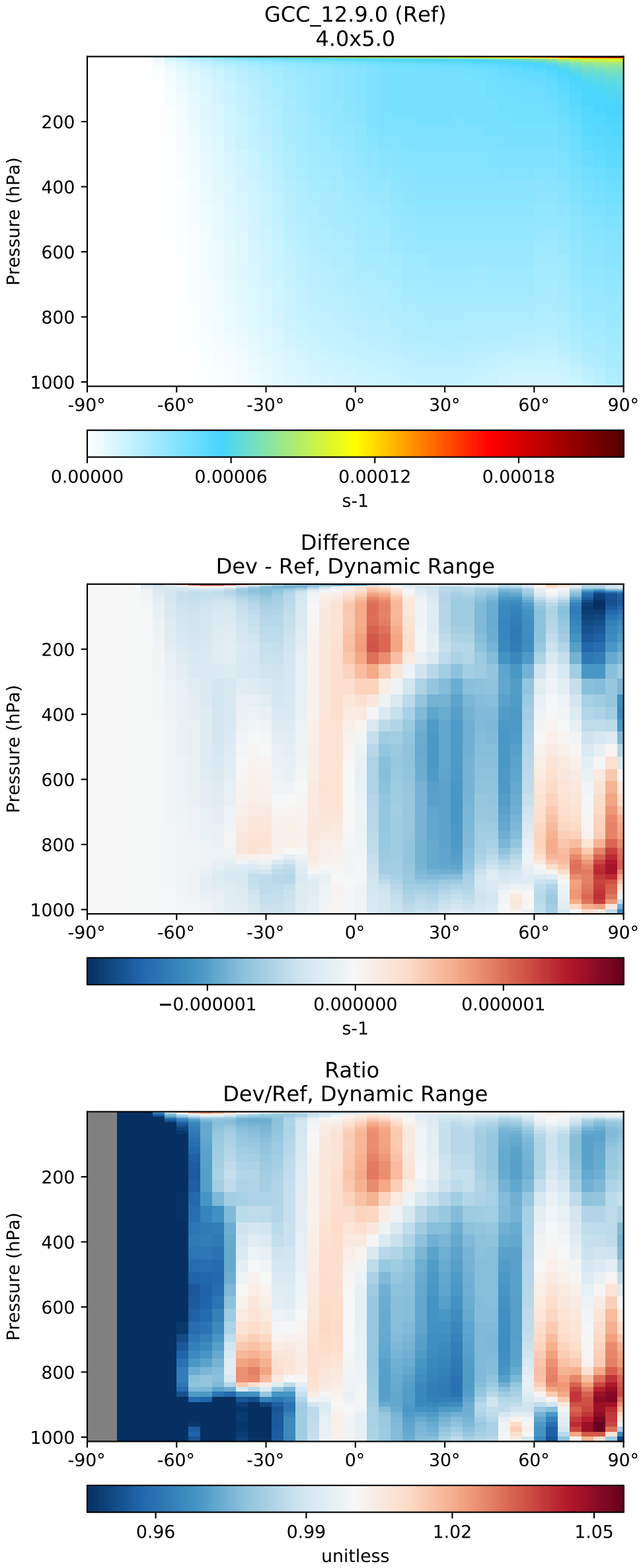



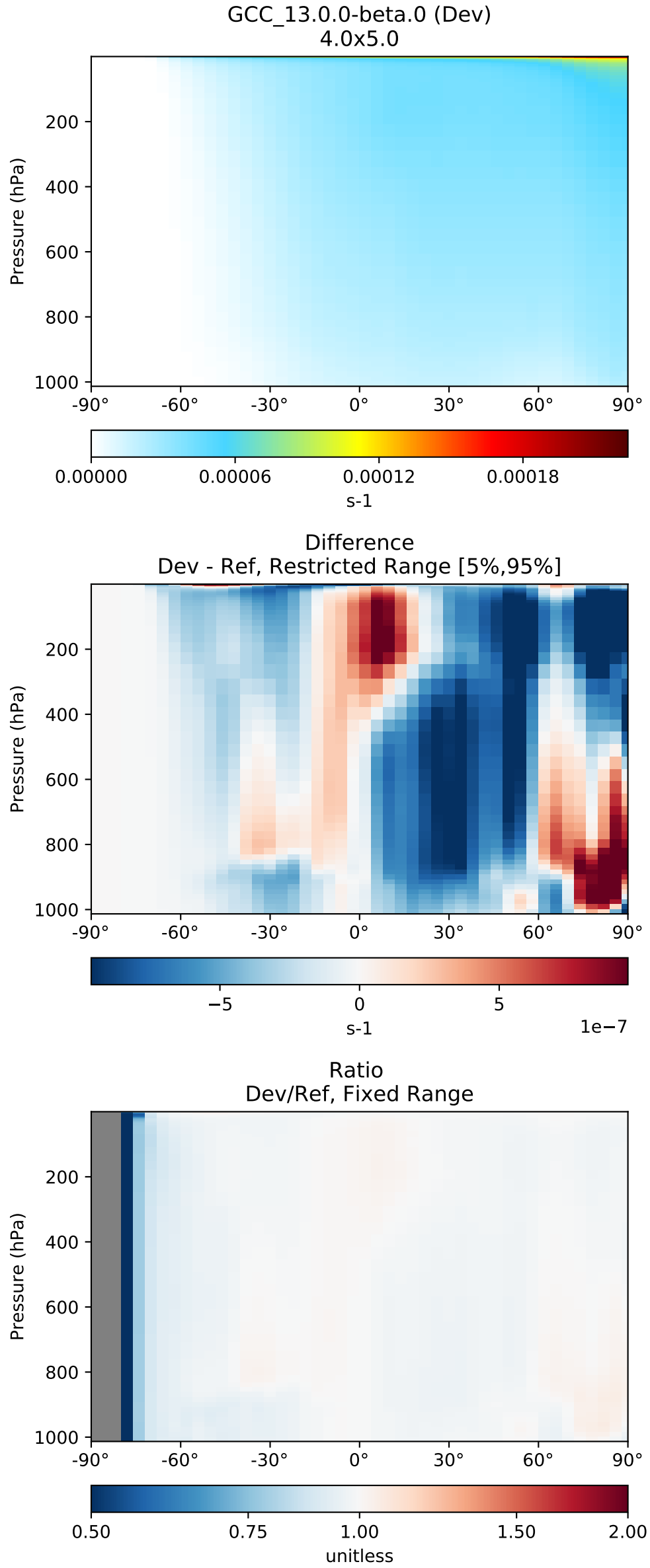
# Jval_ICl, Zonal Mean



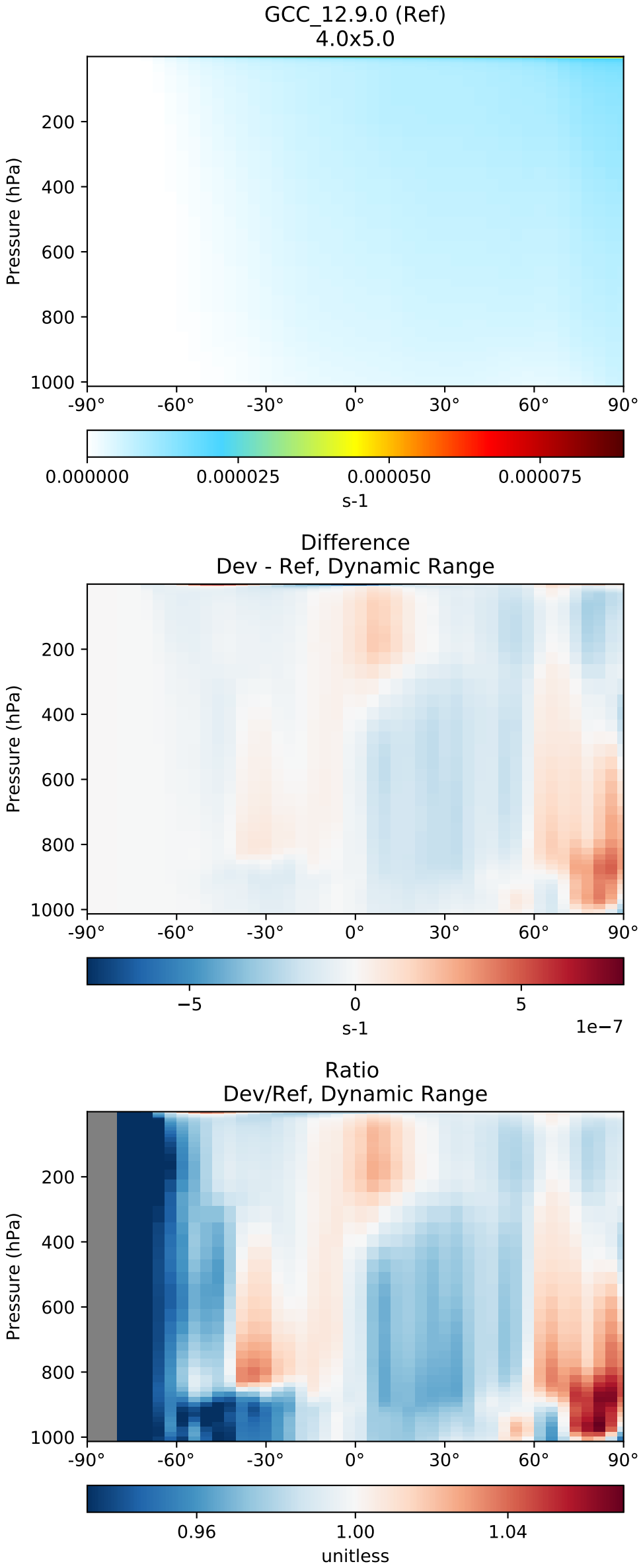



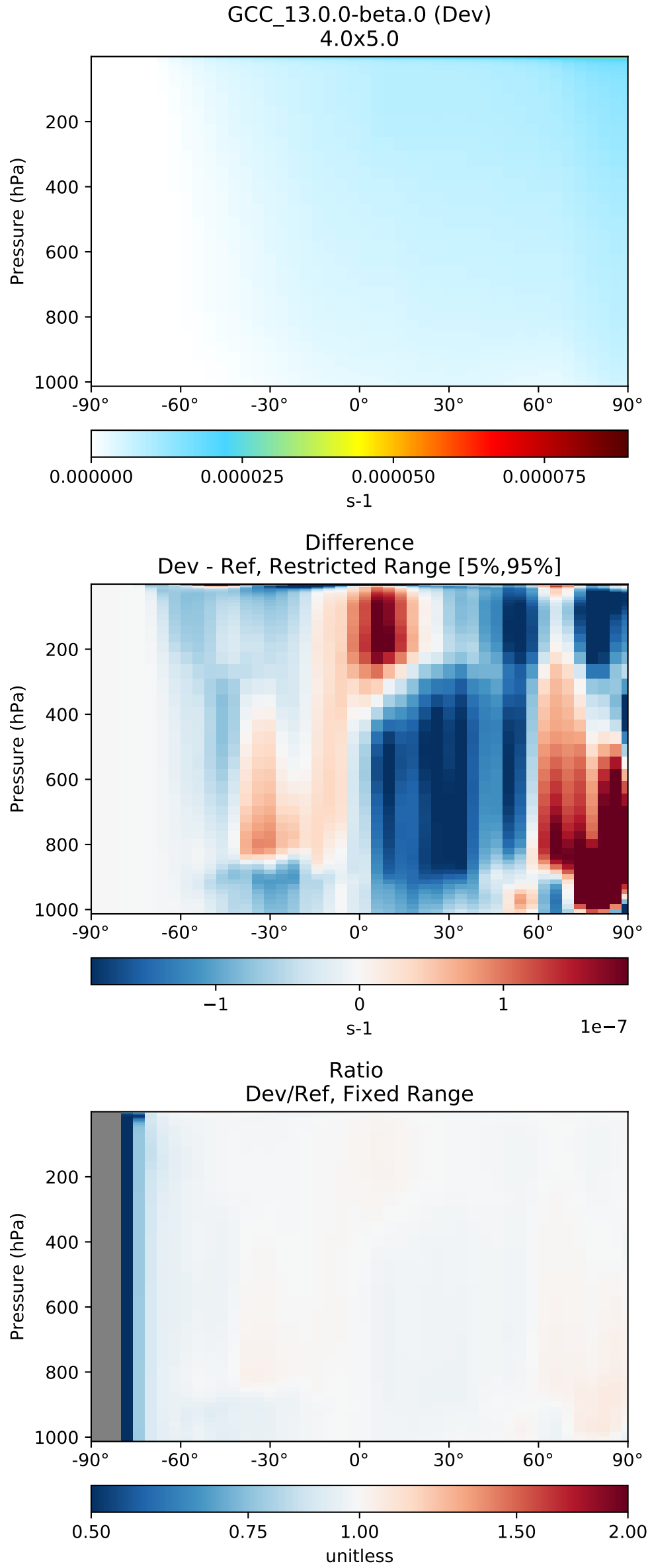
# Jval_IDCHP, Zonal Mean



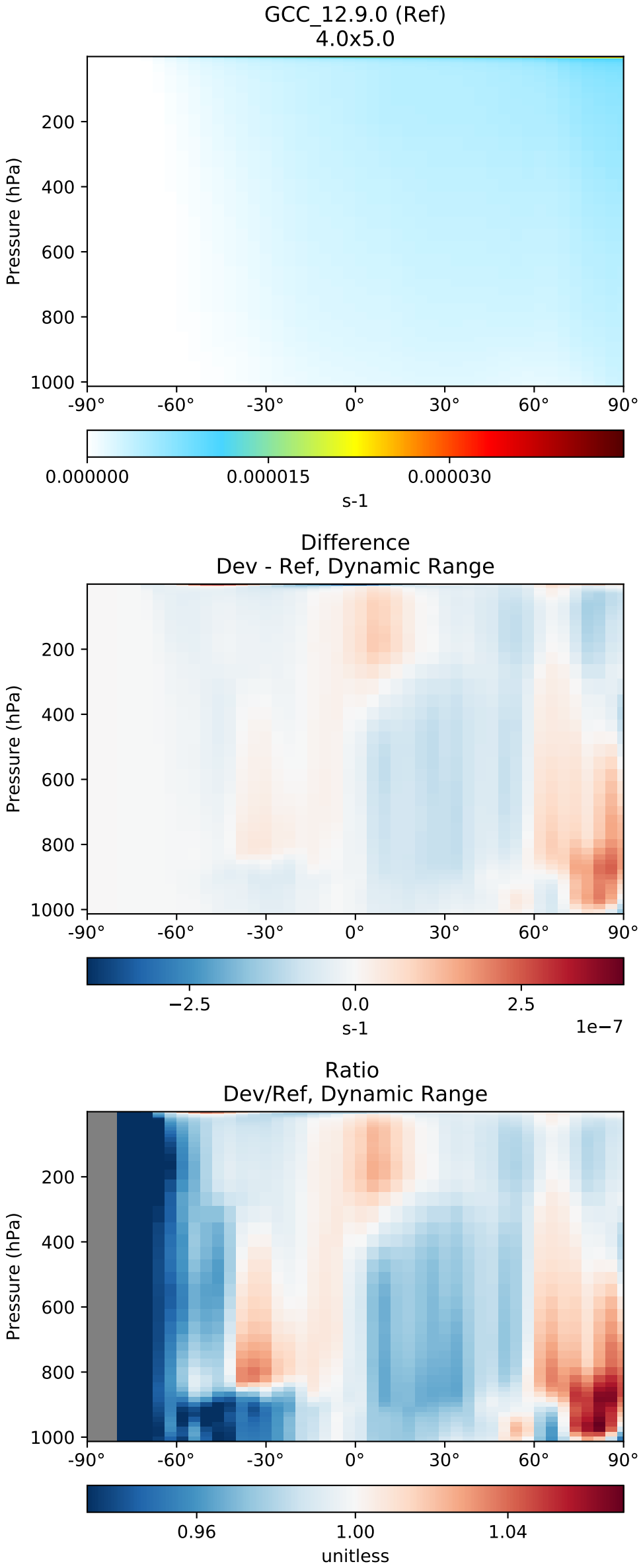



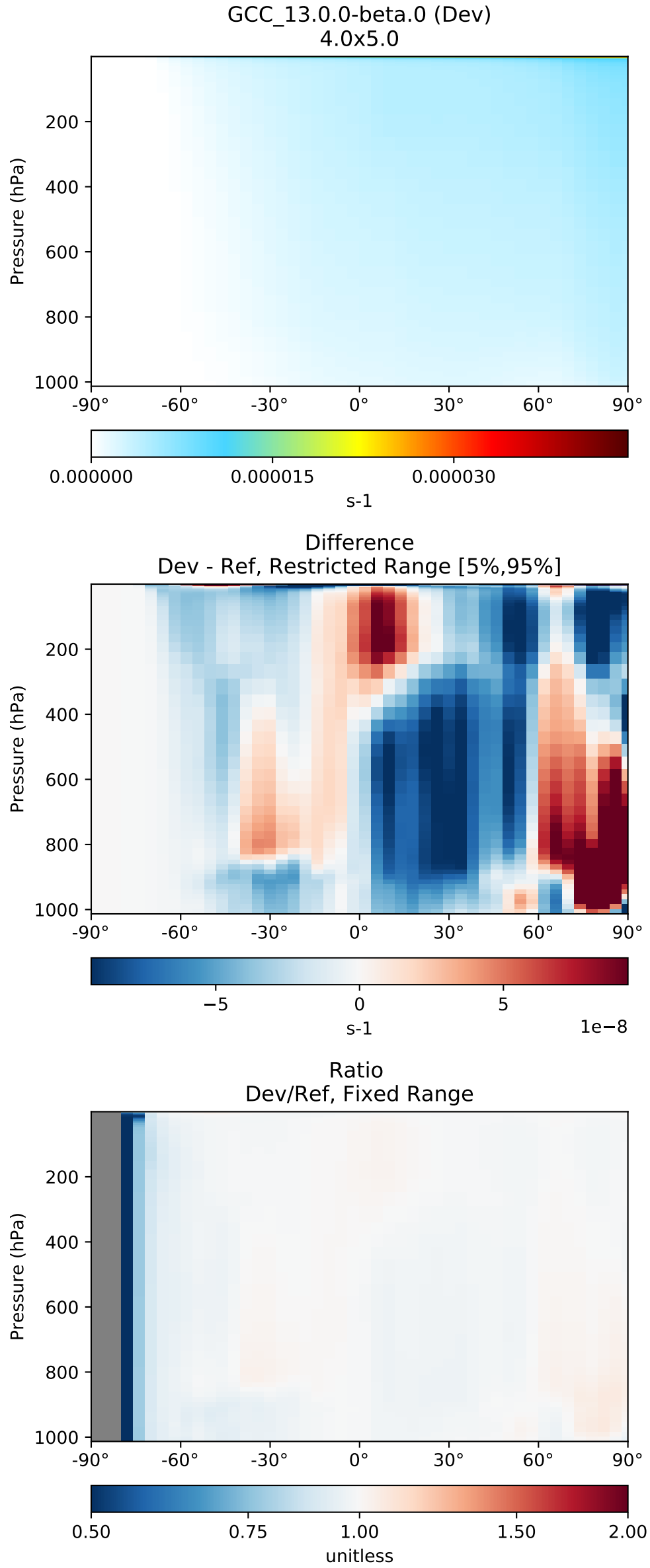
# Jval_IDHDP, Zonal Mean



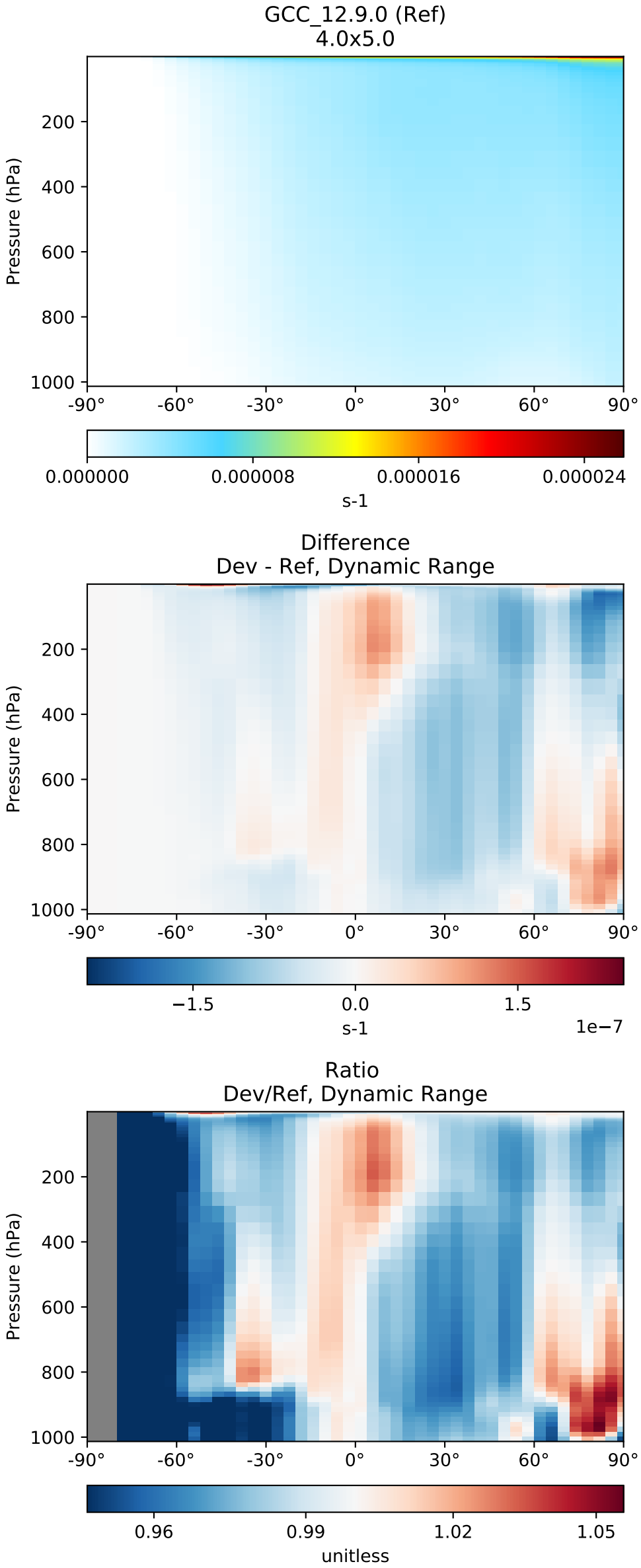



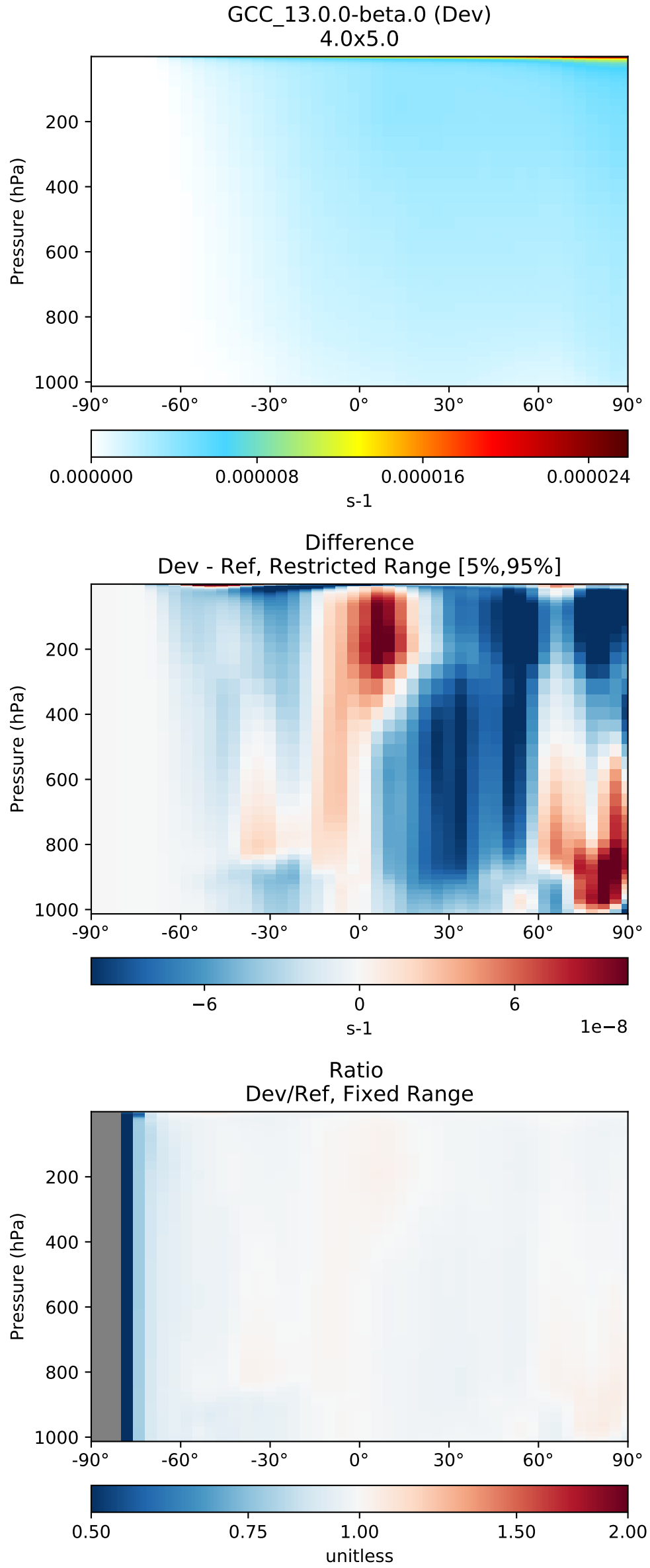
# Jval_IDHPE, Zonal Mean



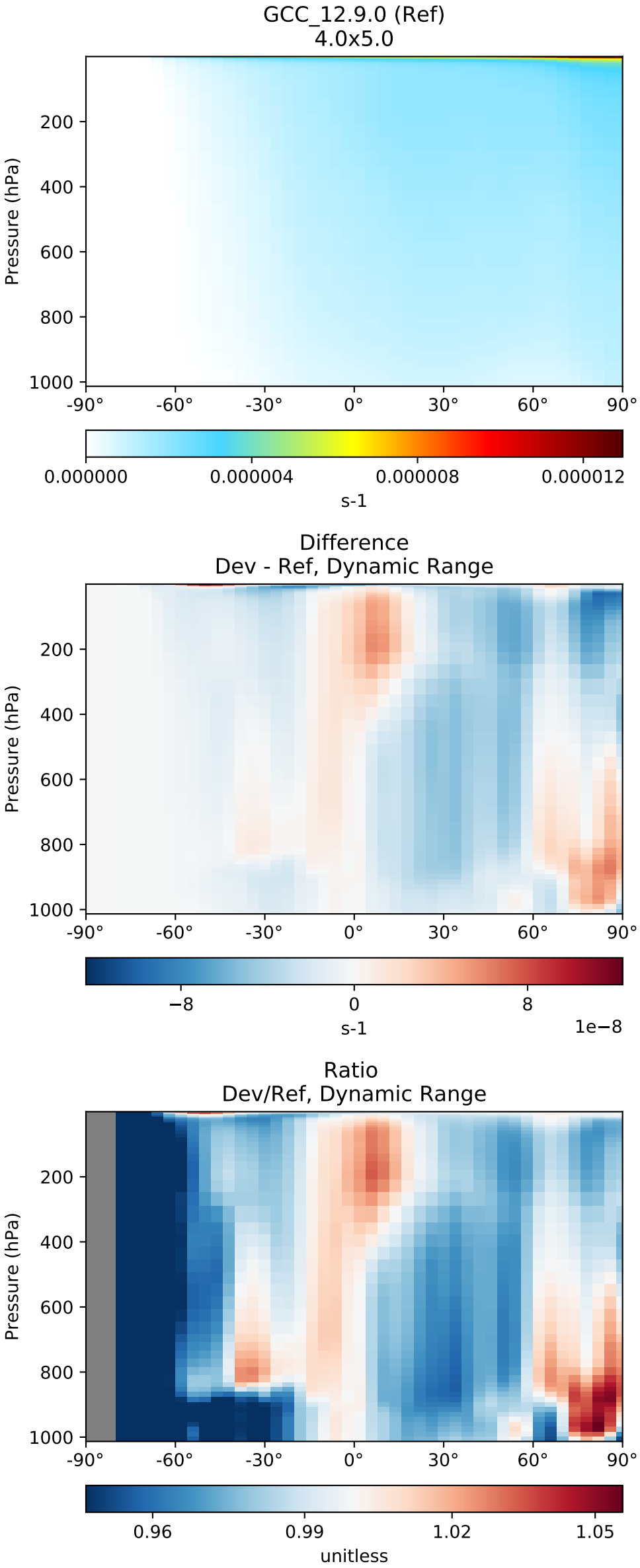



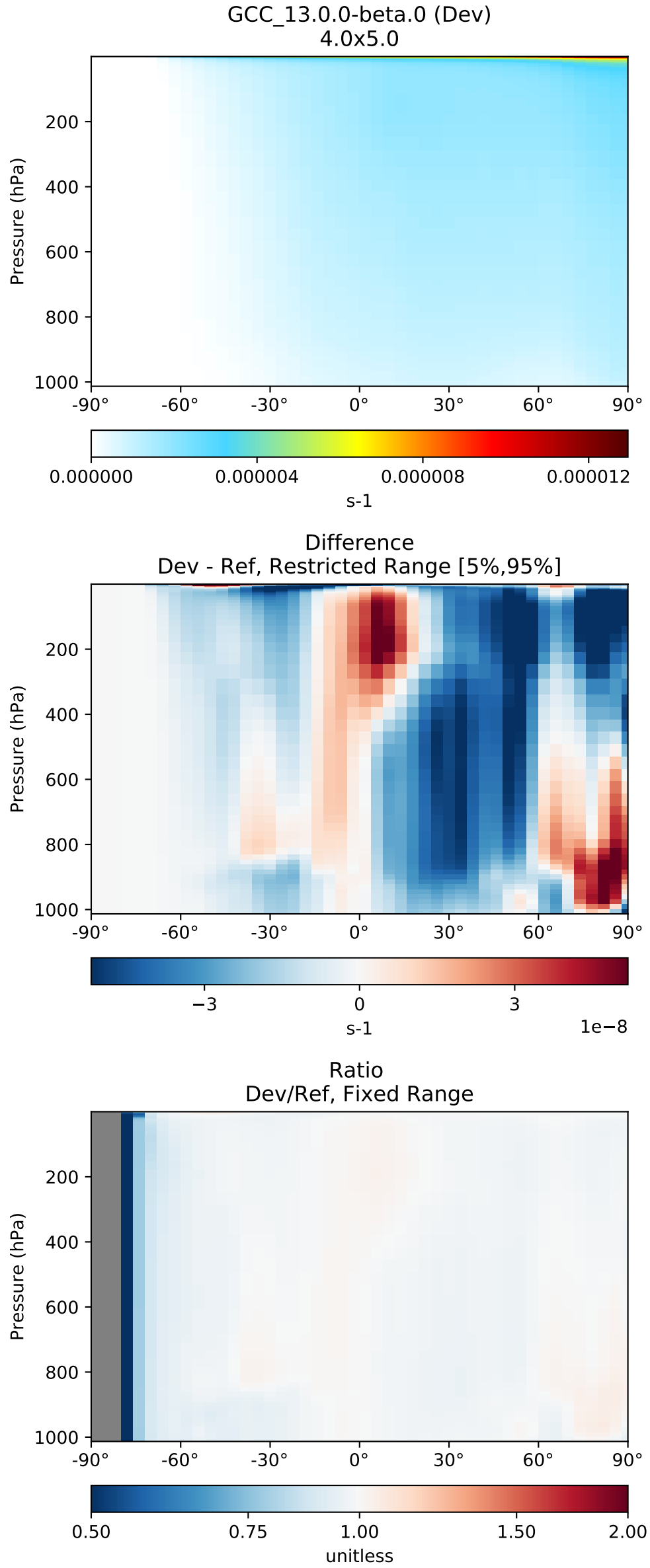
# Jval_IDN, Zonal Mean



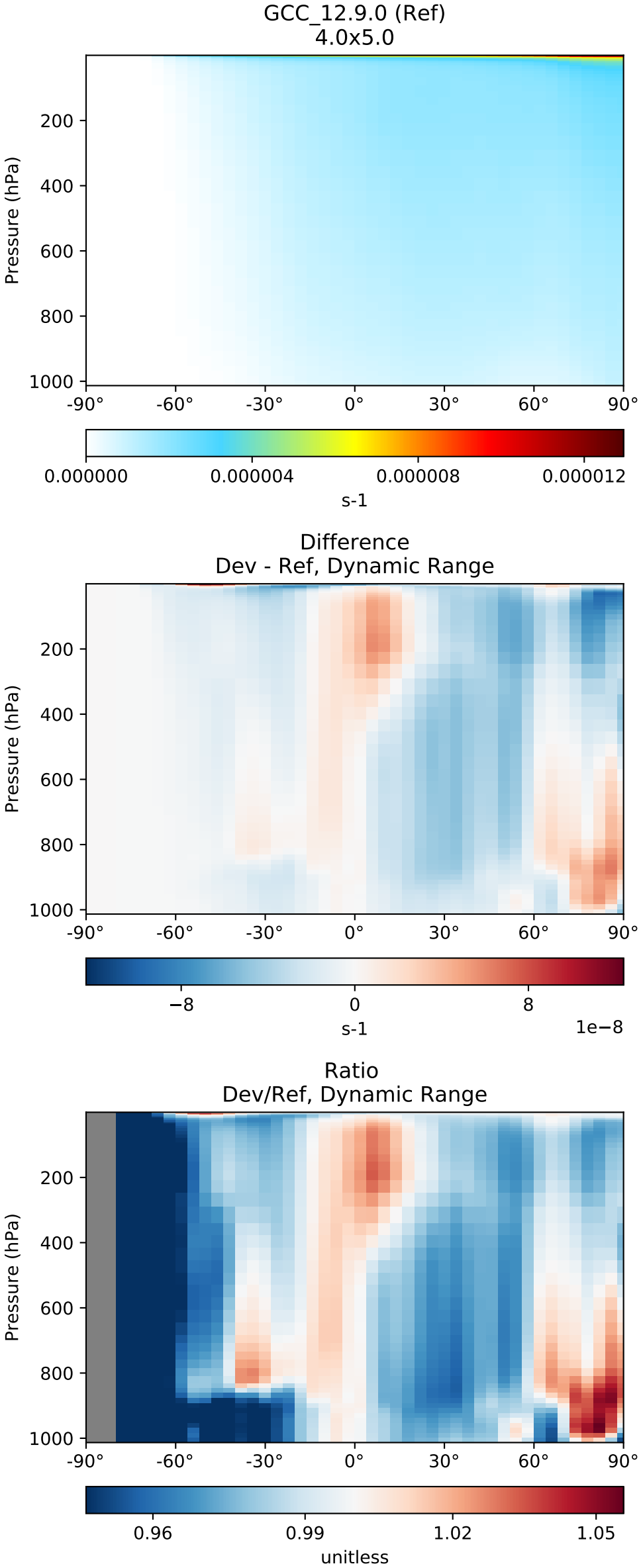



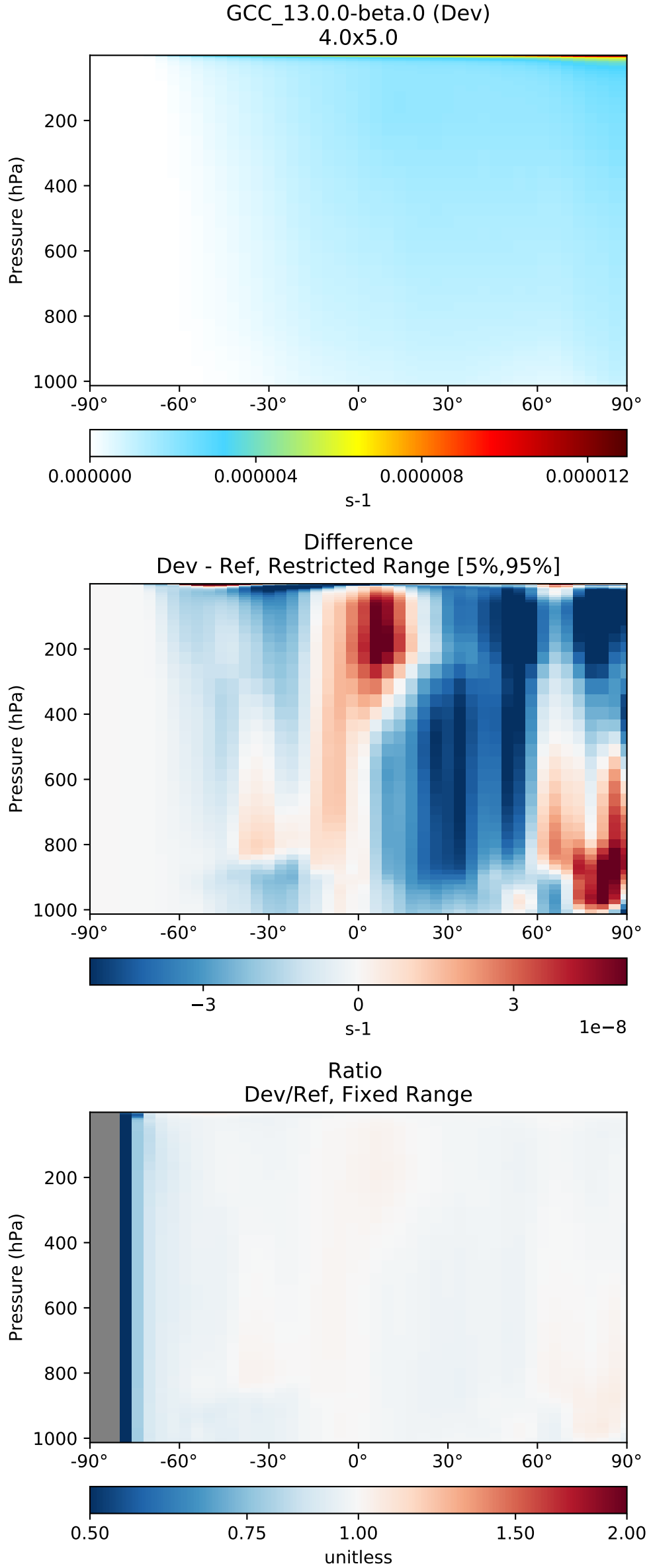
# Jval_IHN1, Zonal Mean



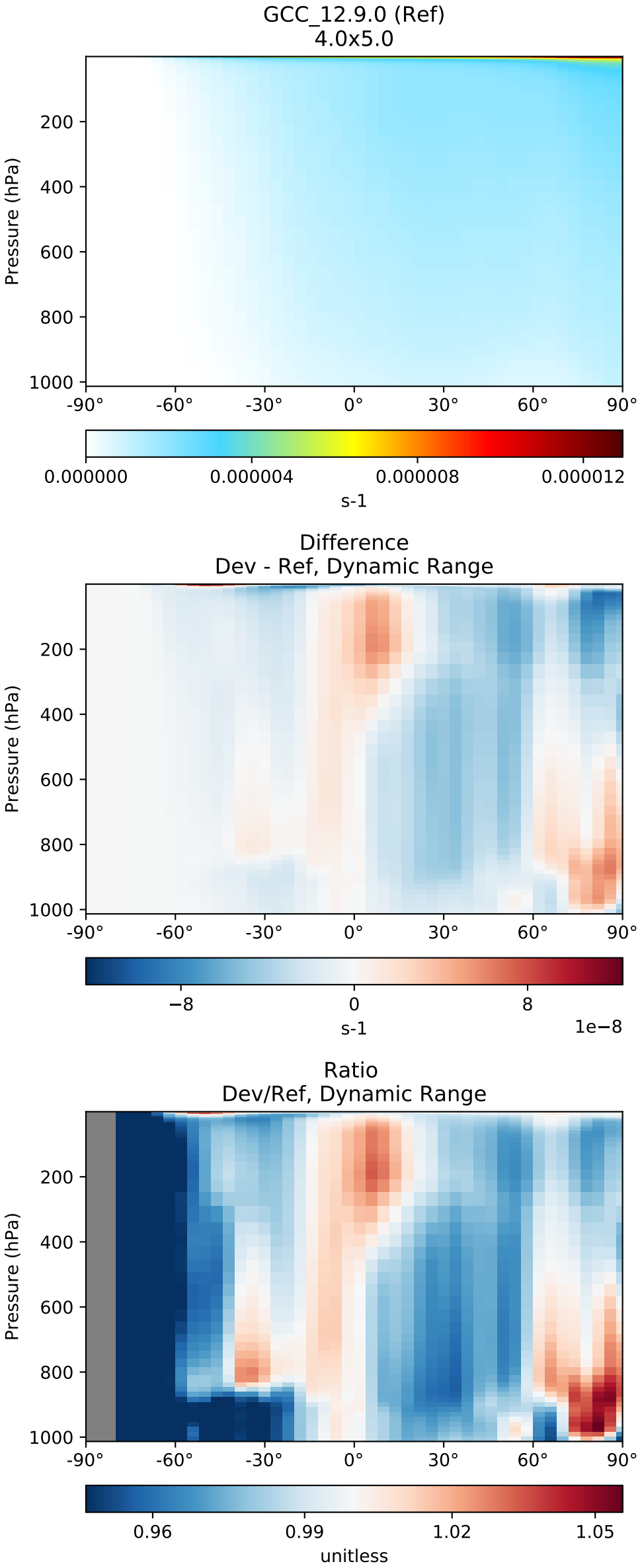



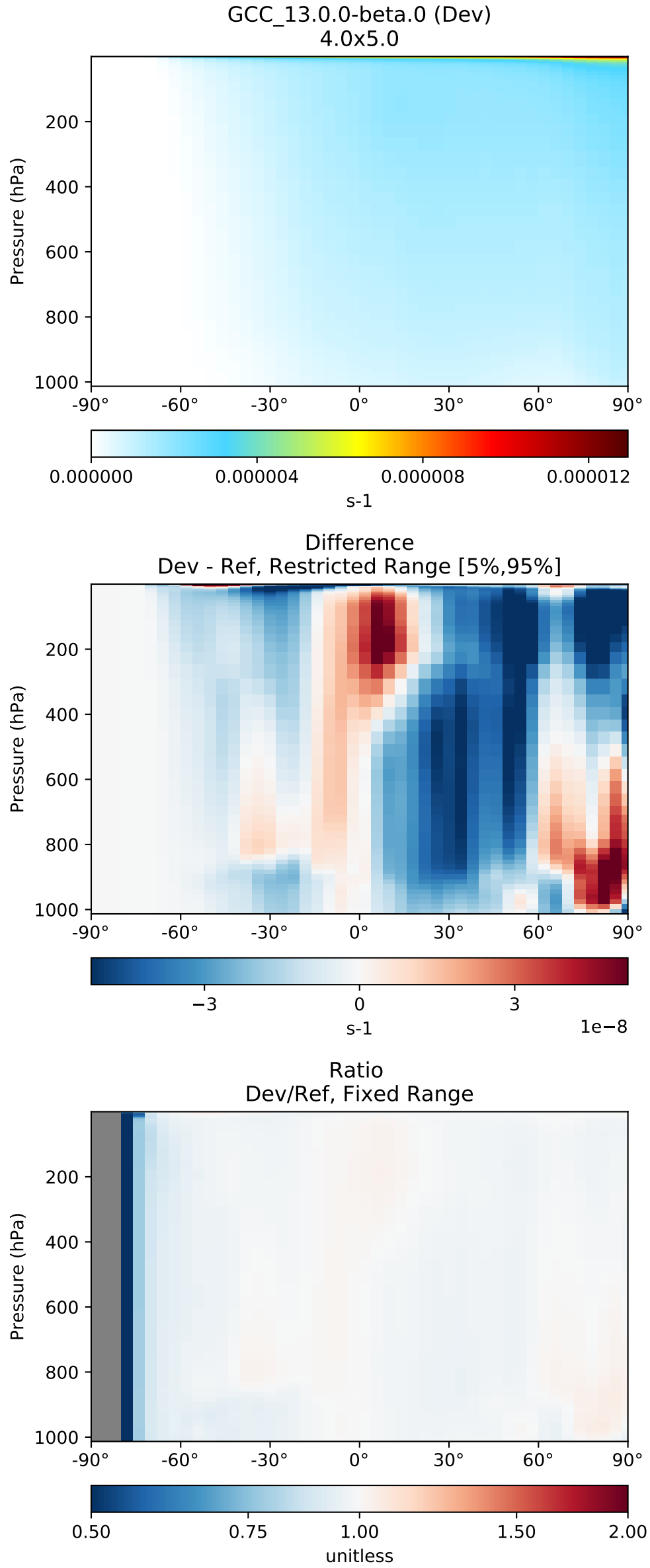
# Jval_IHN2, Zonal Mean



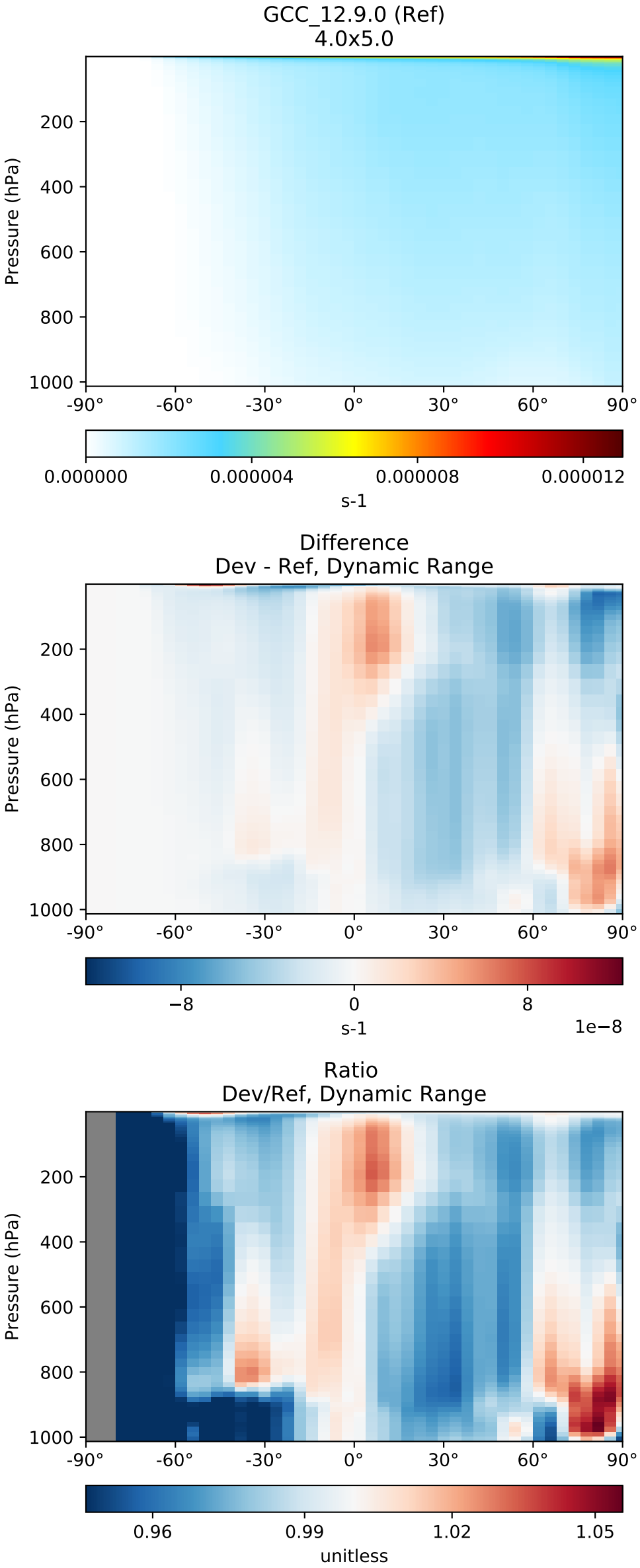



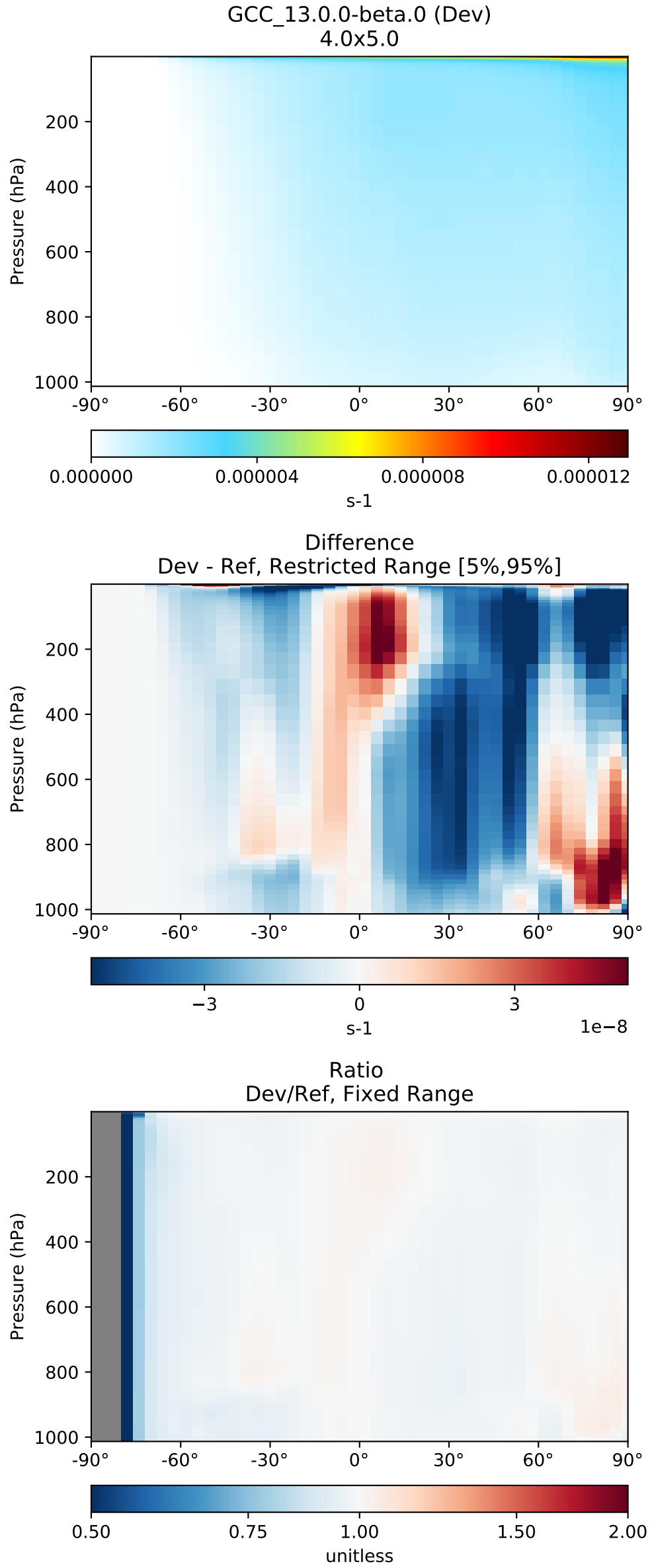
# Jval_IHN3, Zonal Mean



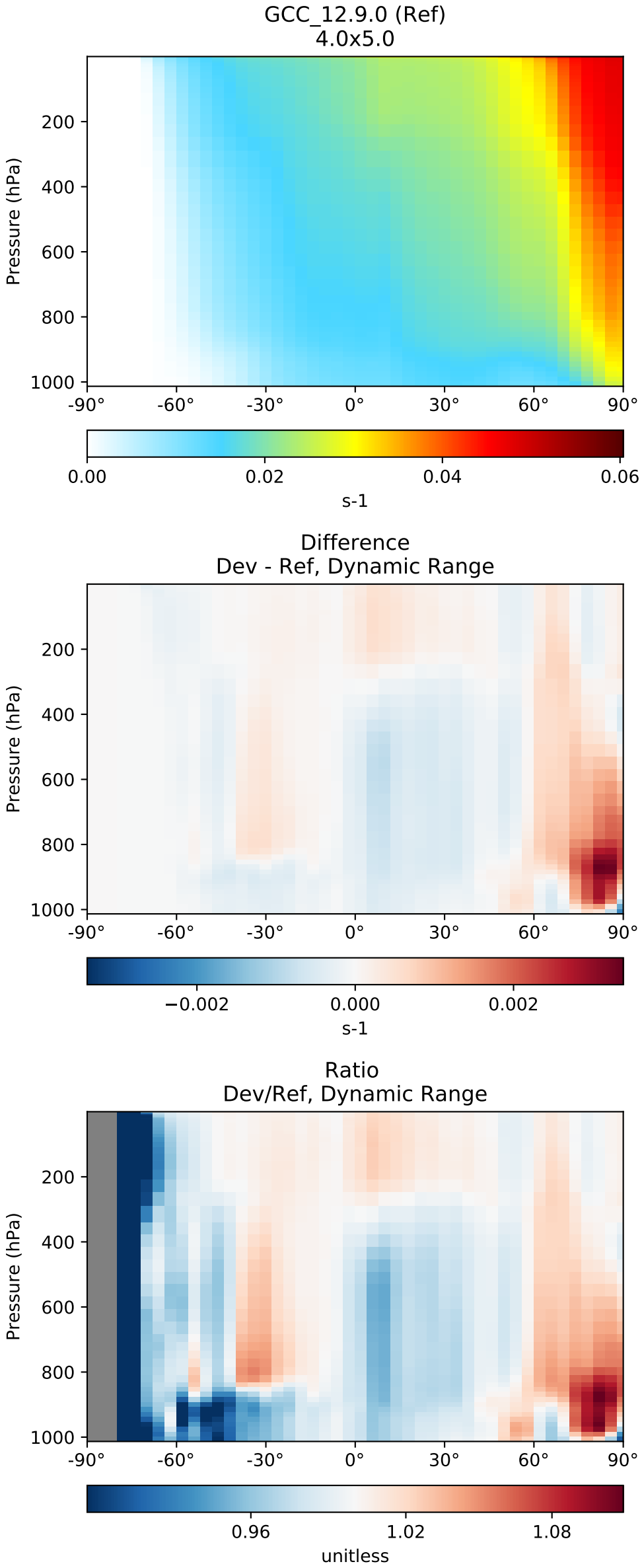



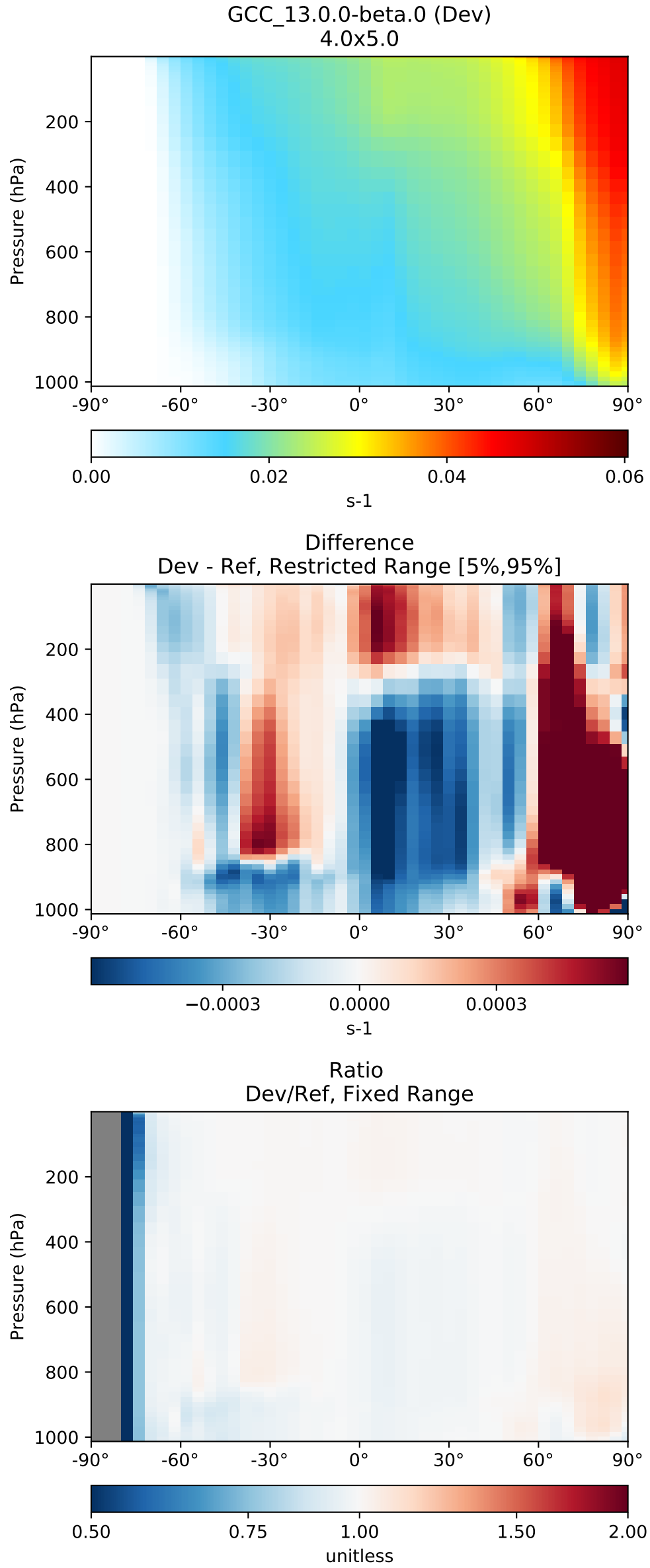
# Jval_IHN4, Zonal Mean



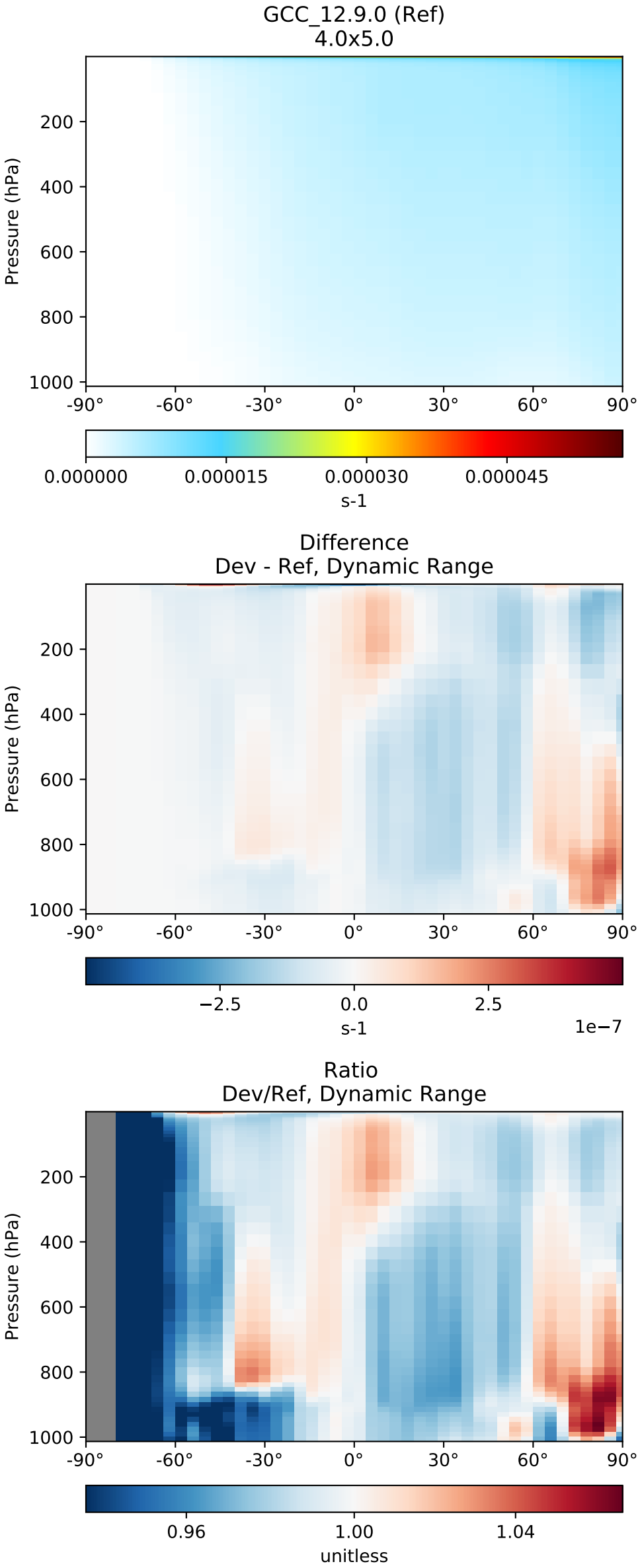



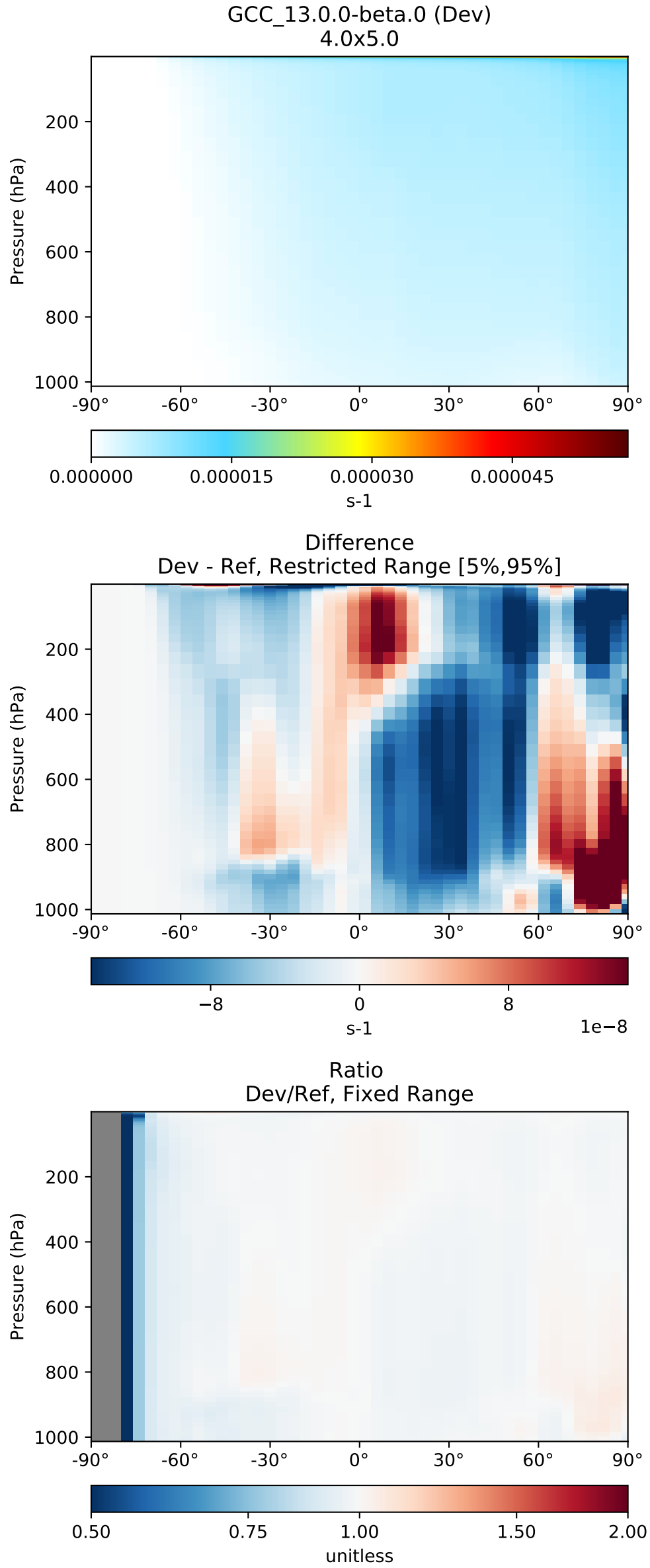
# Jval_INO, Zonal Mean



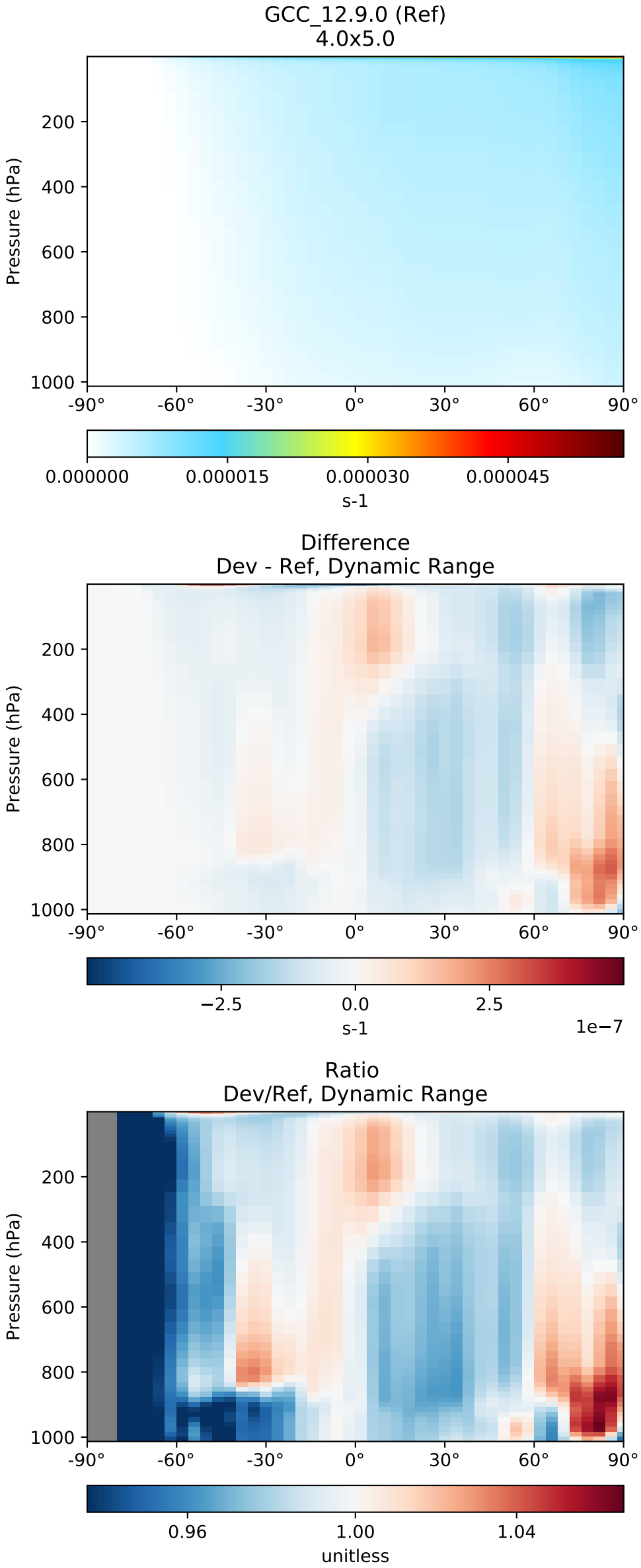



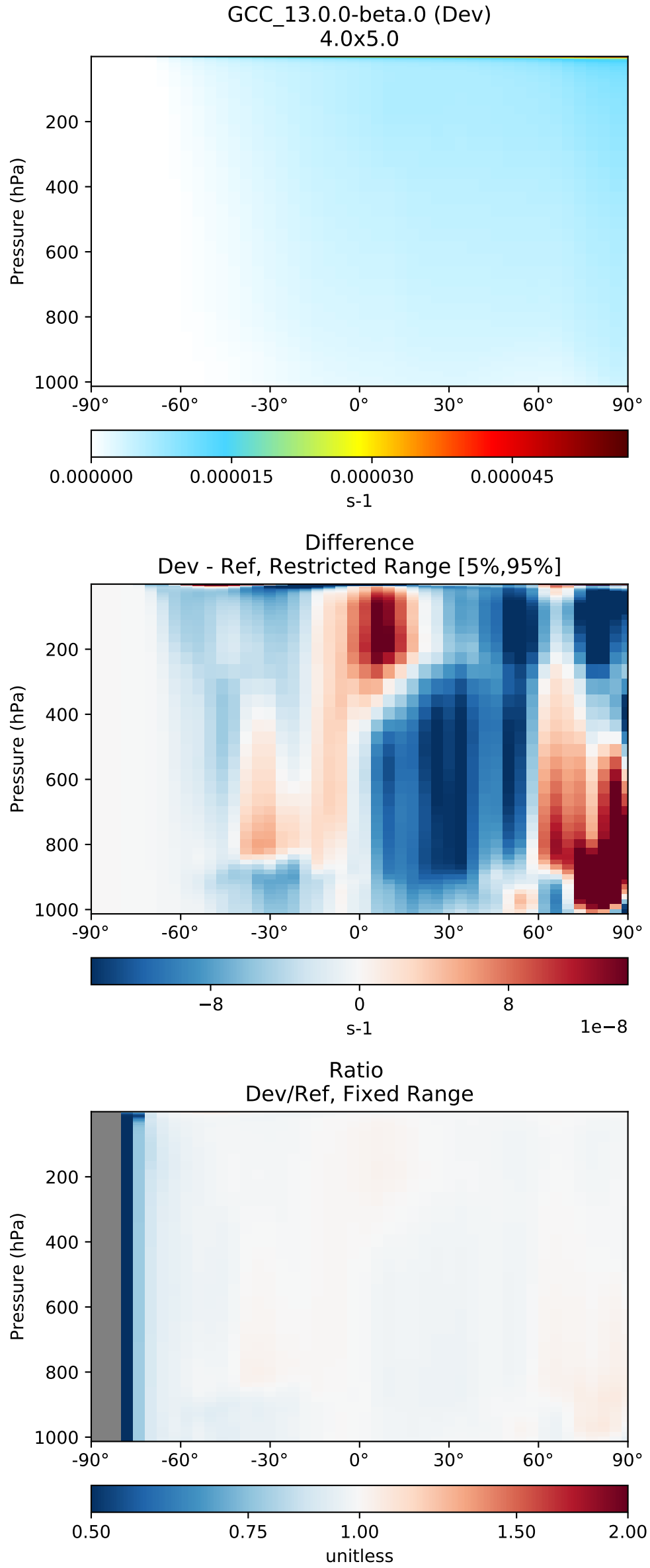
# Jval_INPB, Zonal Mean



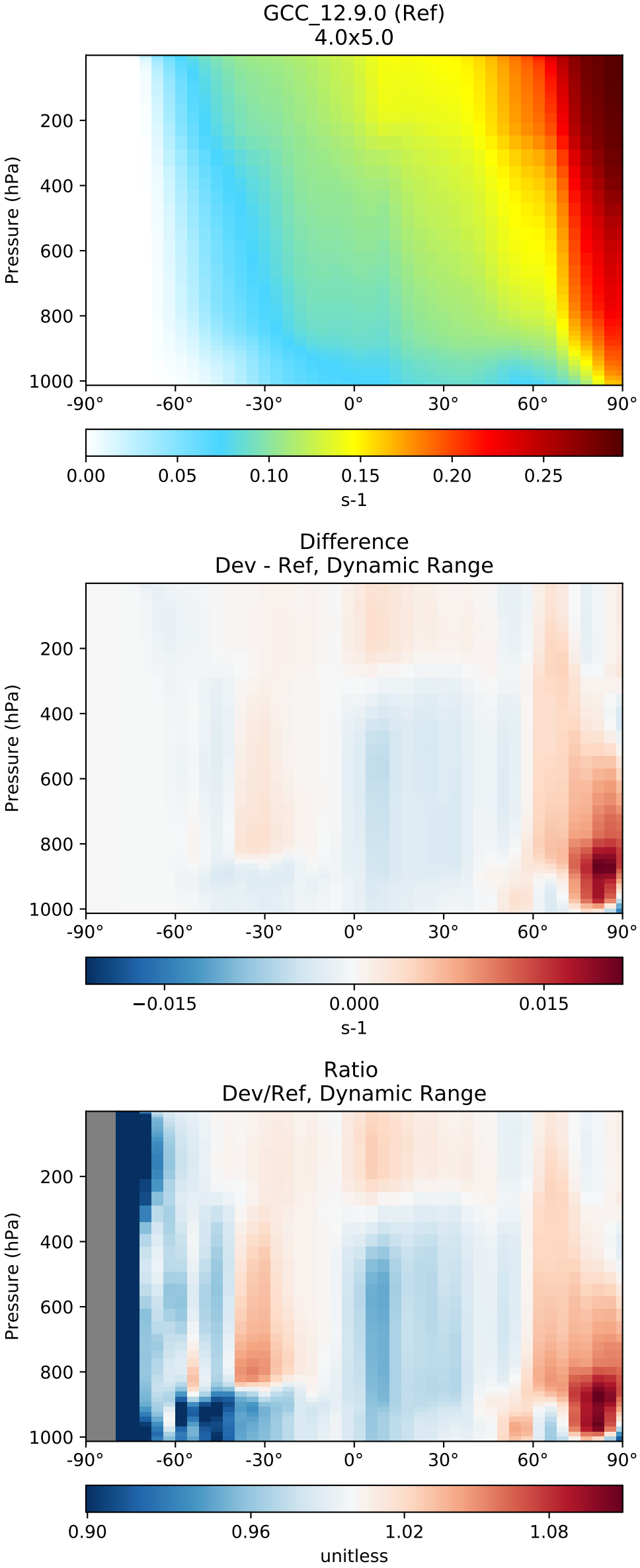



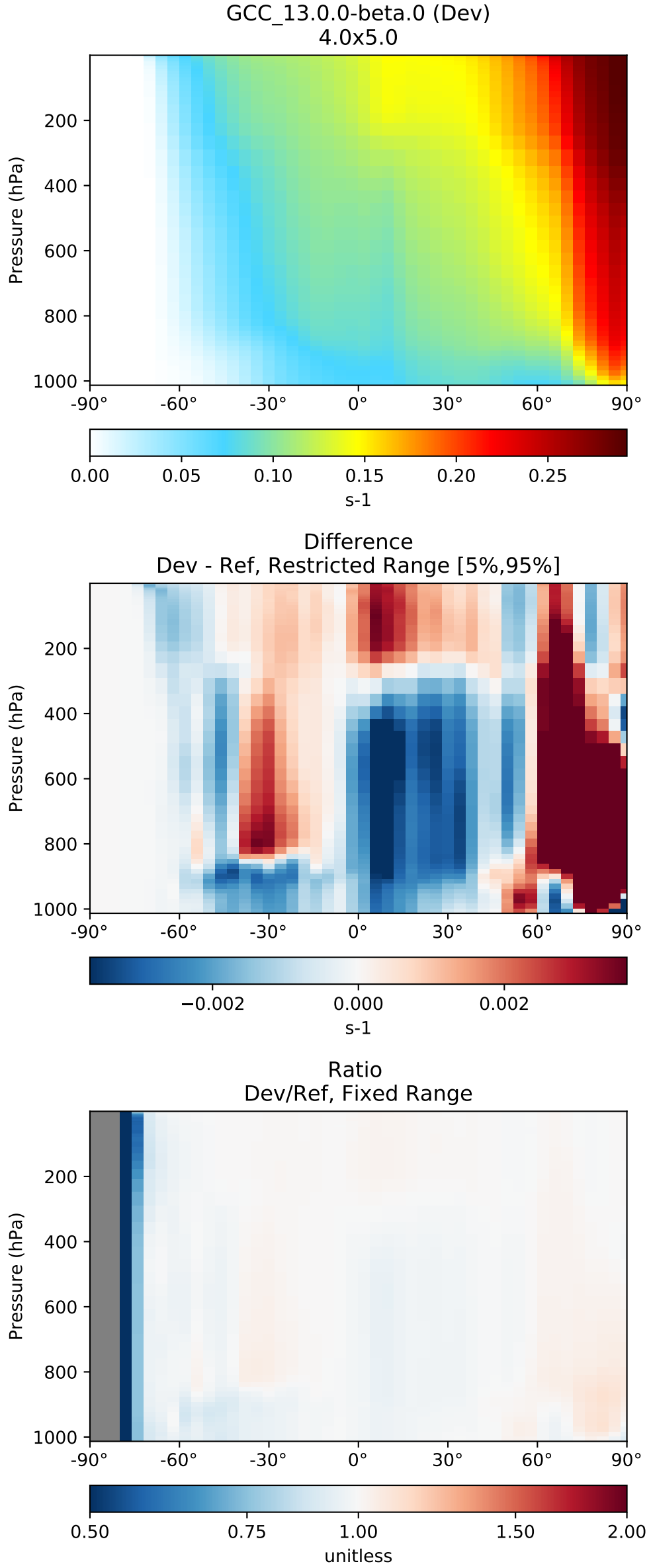
# Jval_INPD, Zonal Mean



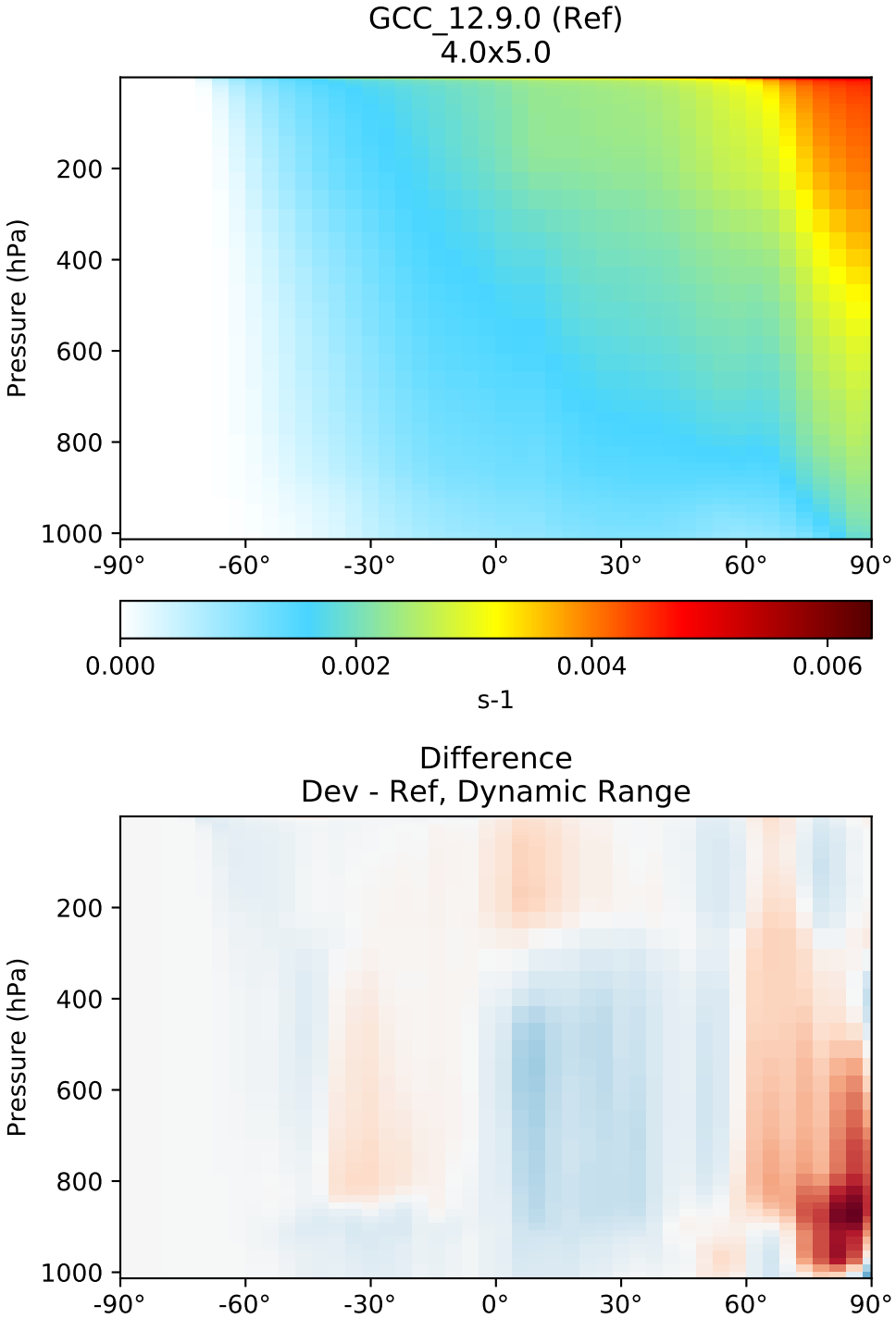



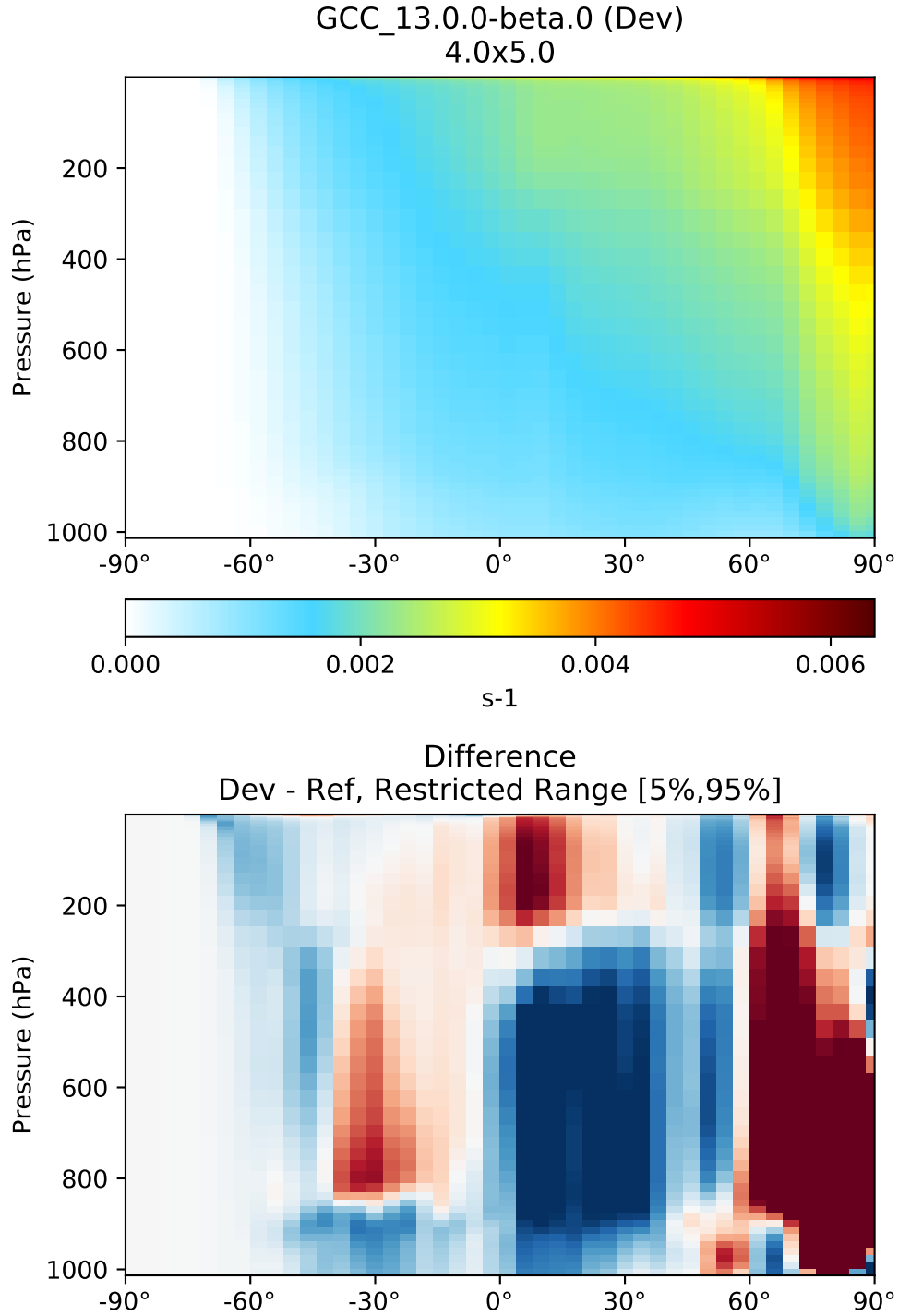
# Jval_IO, Zonal Mean

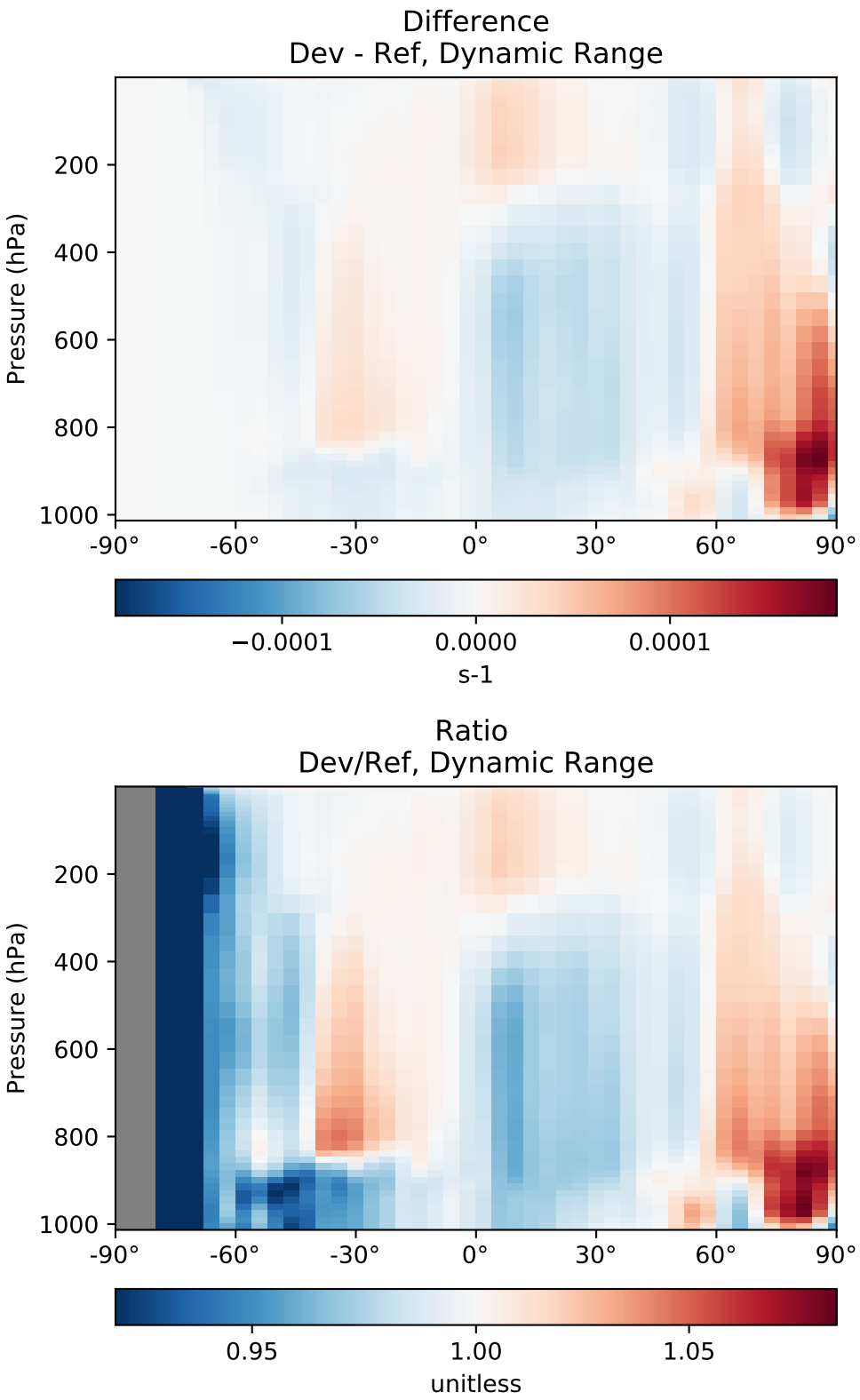


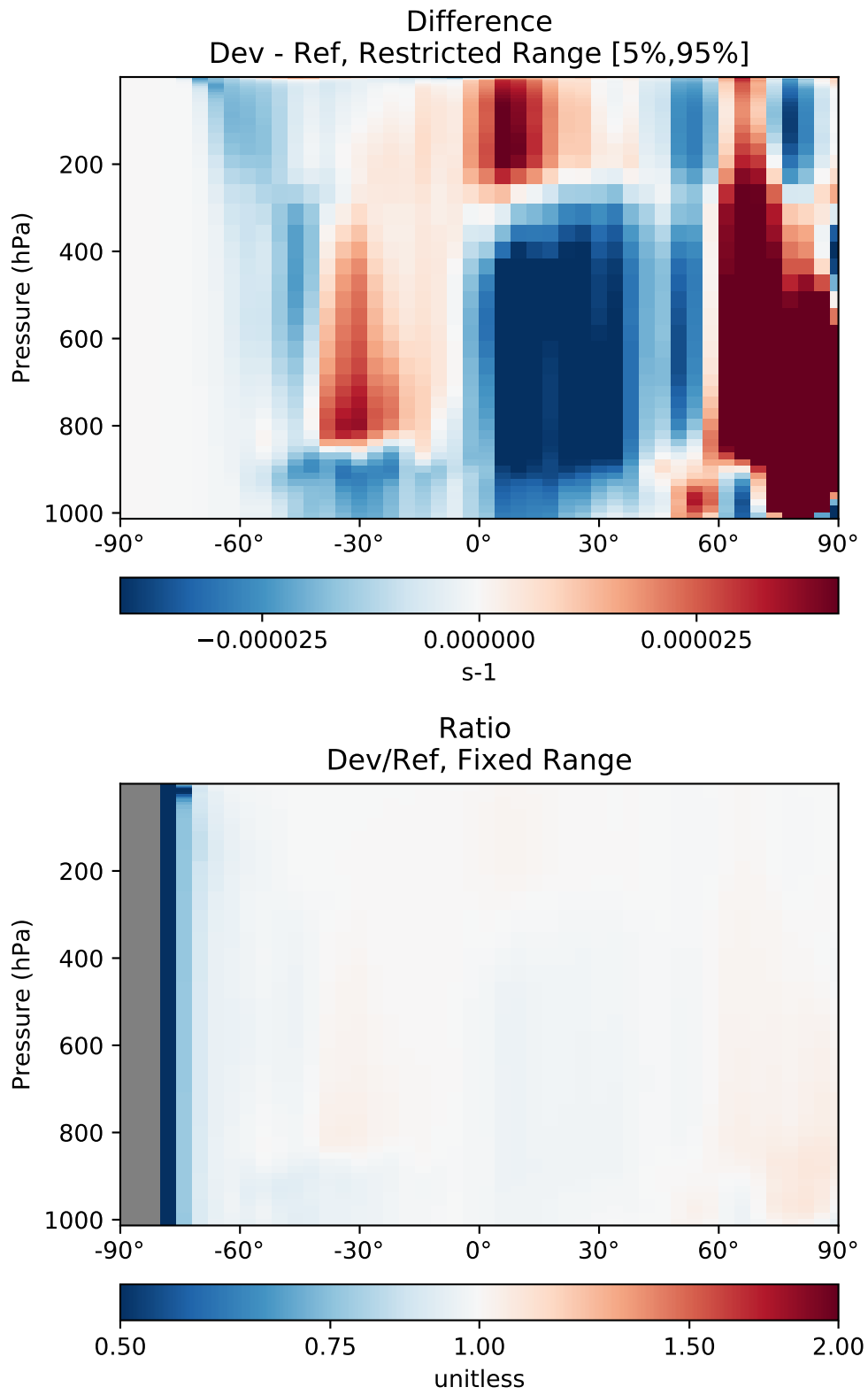



# Jval_IONO, Zonal Mean

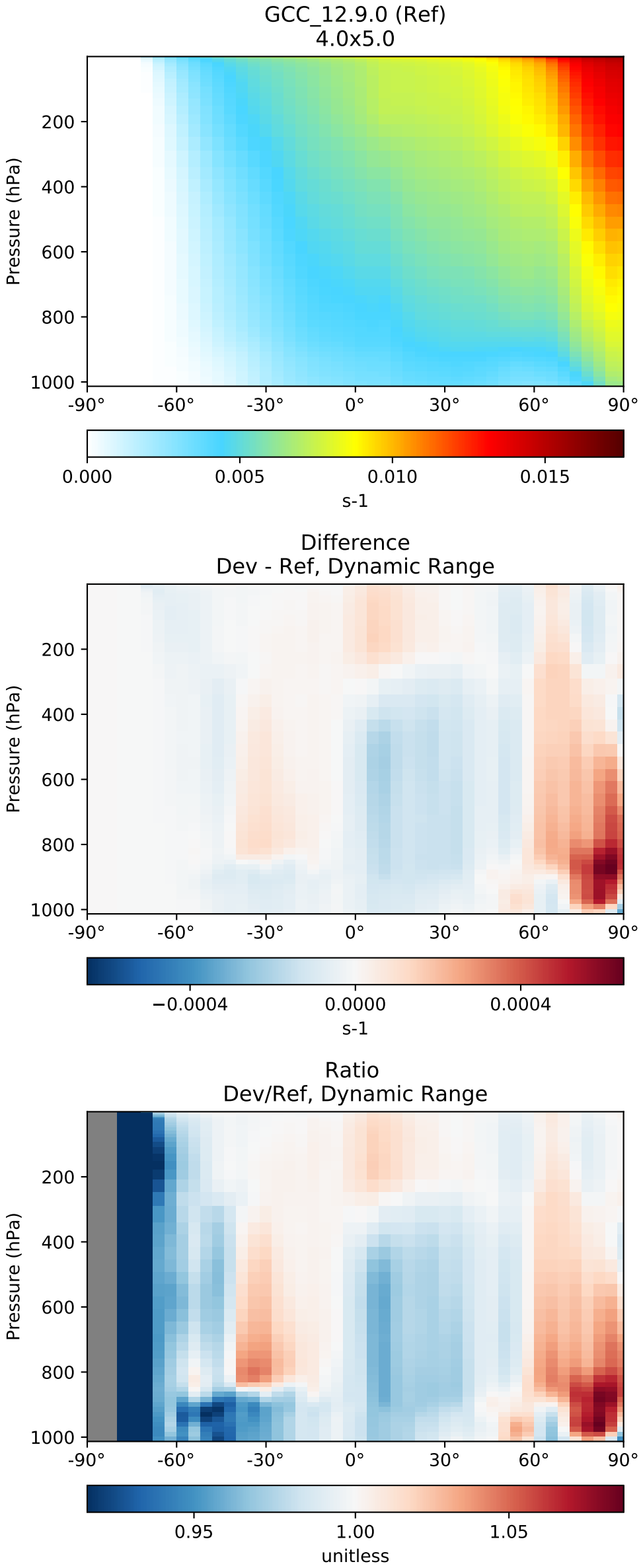


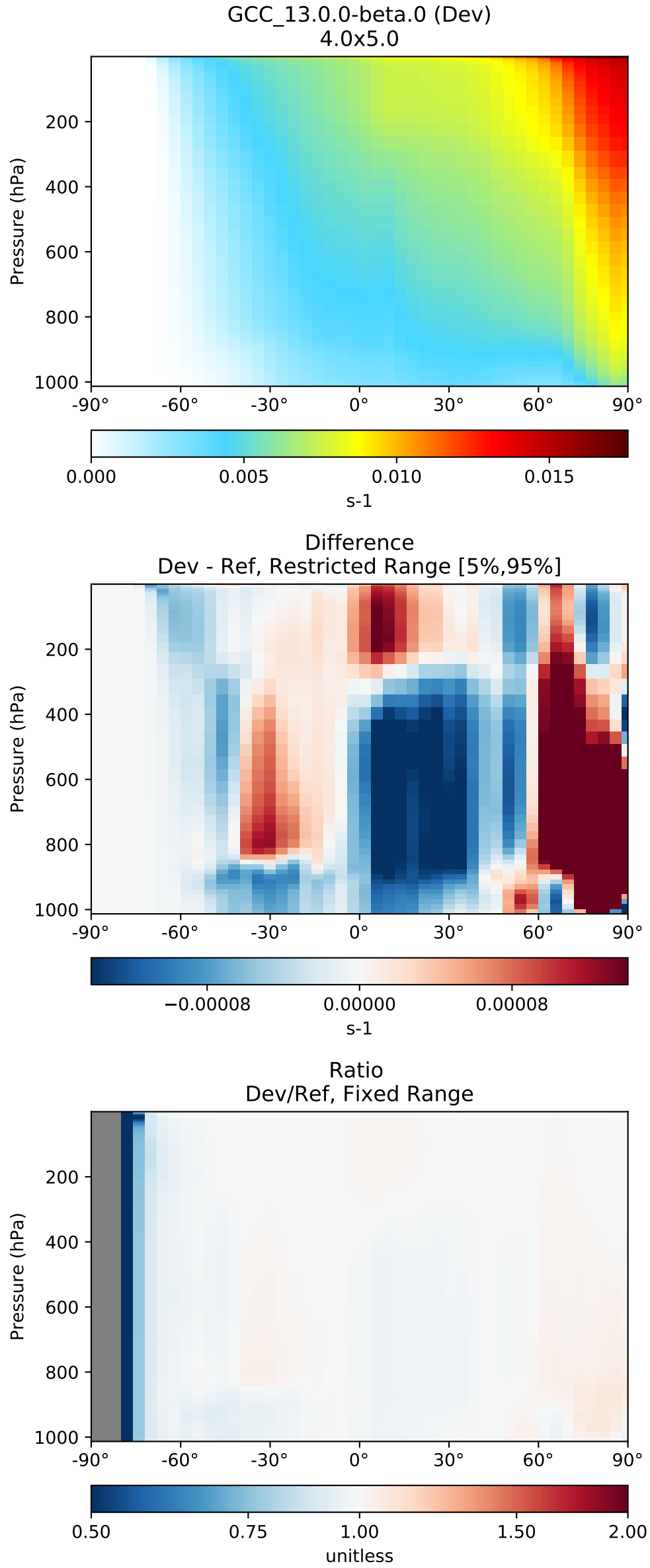



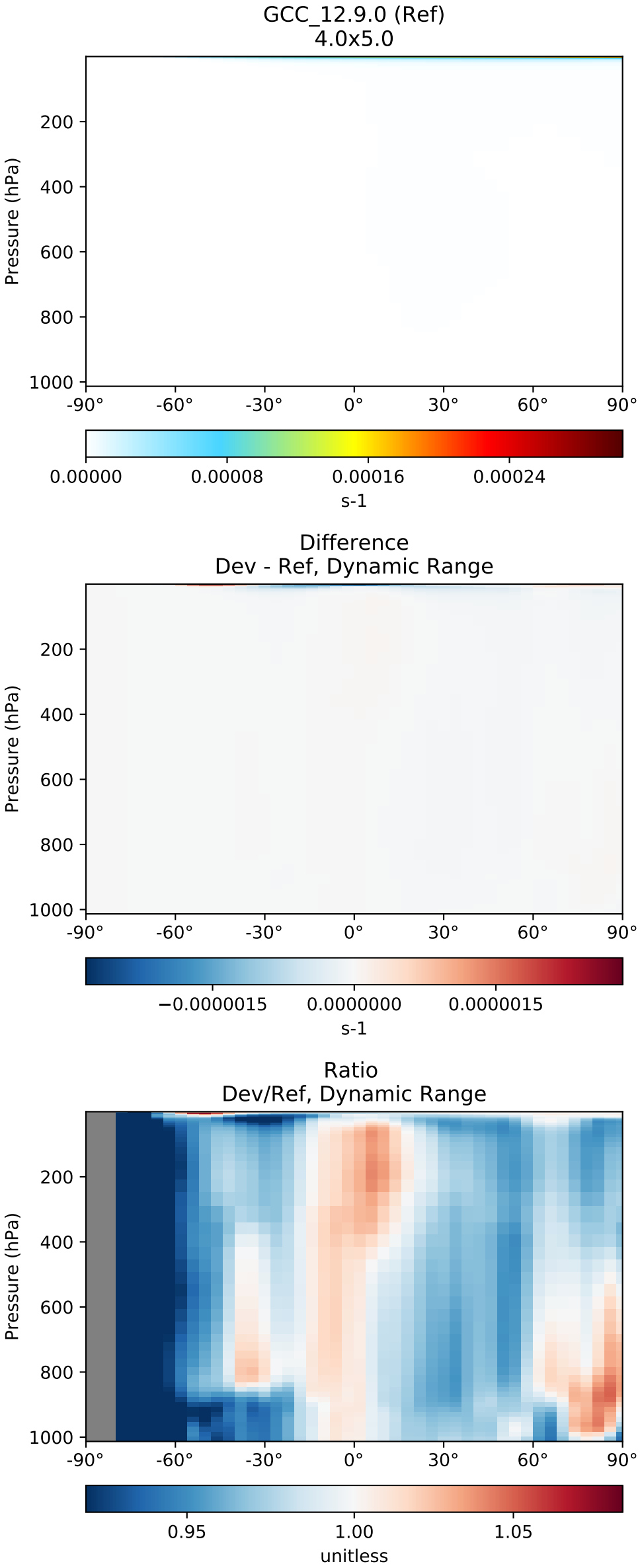



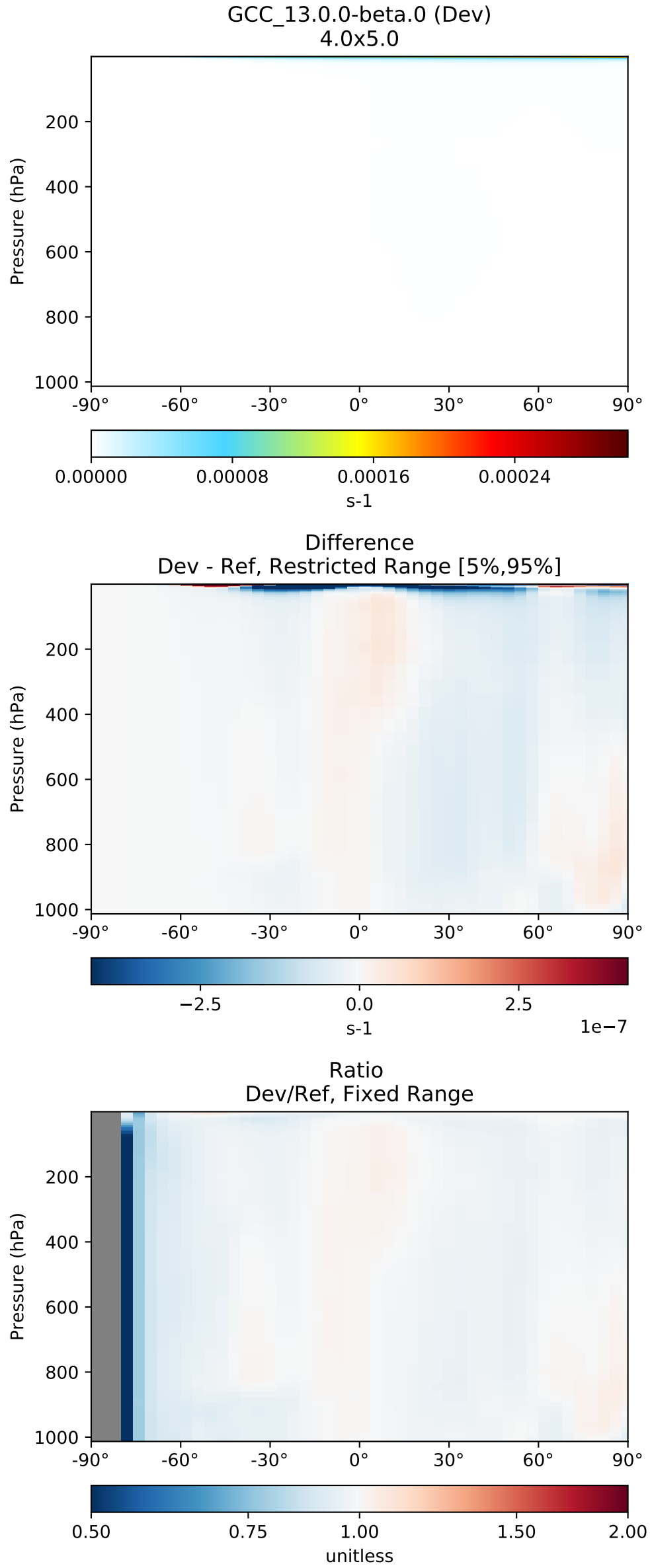
# Jval_IONO2, Zonal Mean



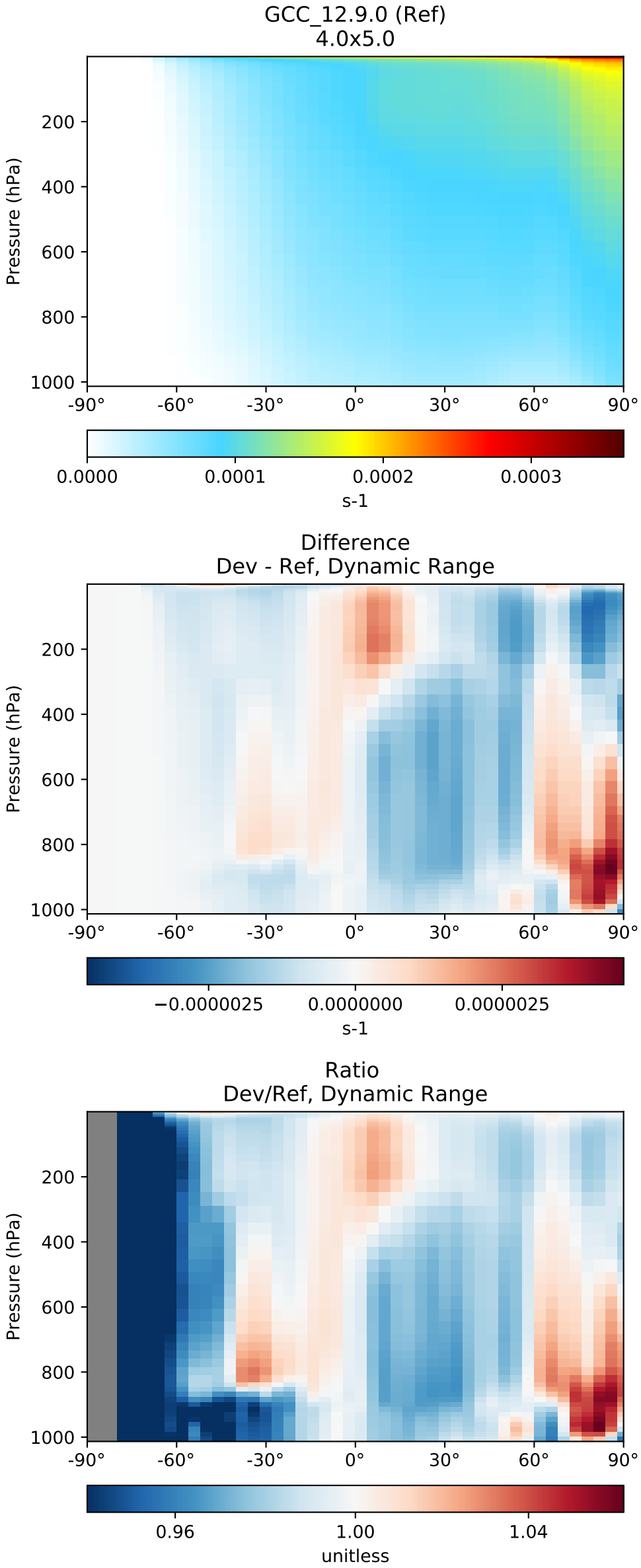



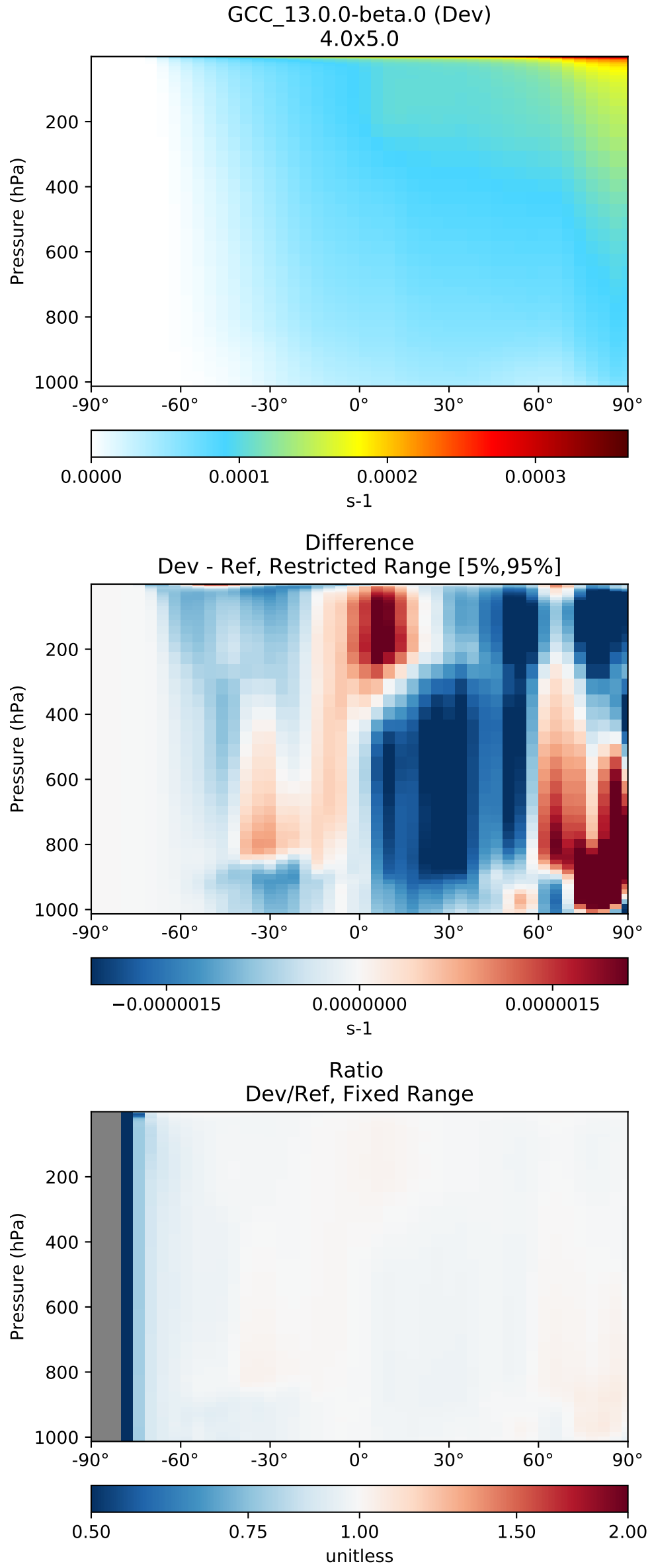
# Jval_IPRNO3, Zonal Mean



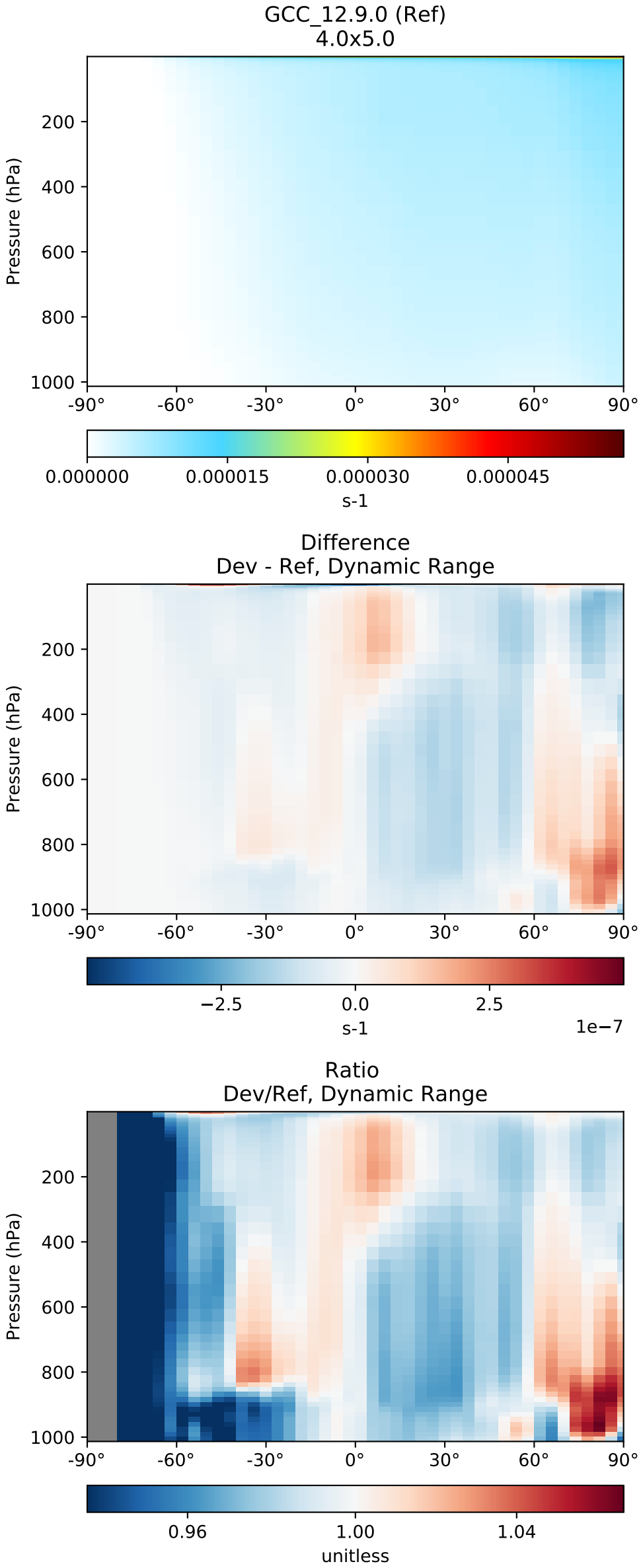



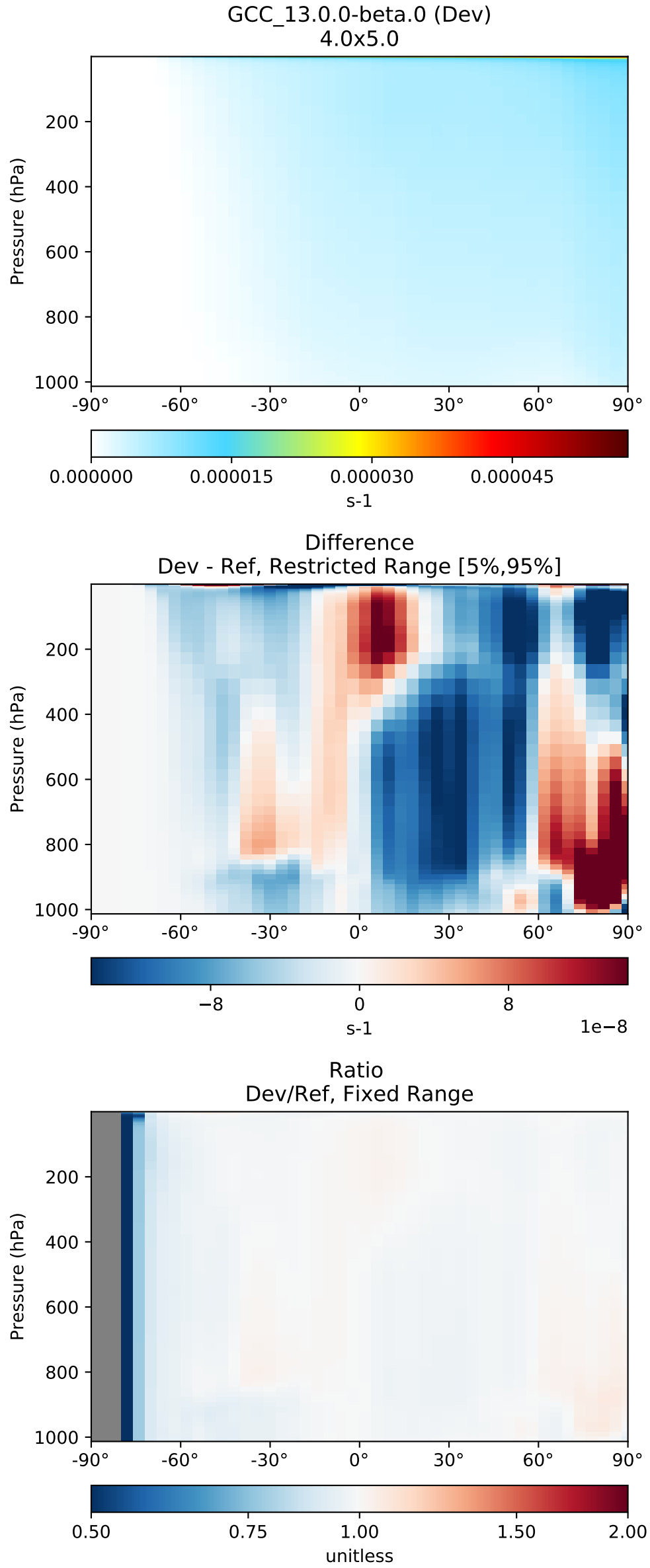
# Jval_ITCN, Zonal Mean



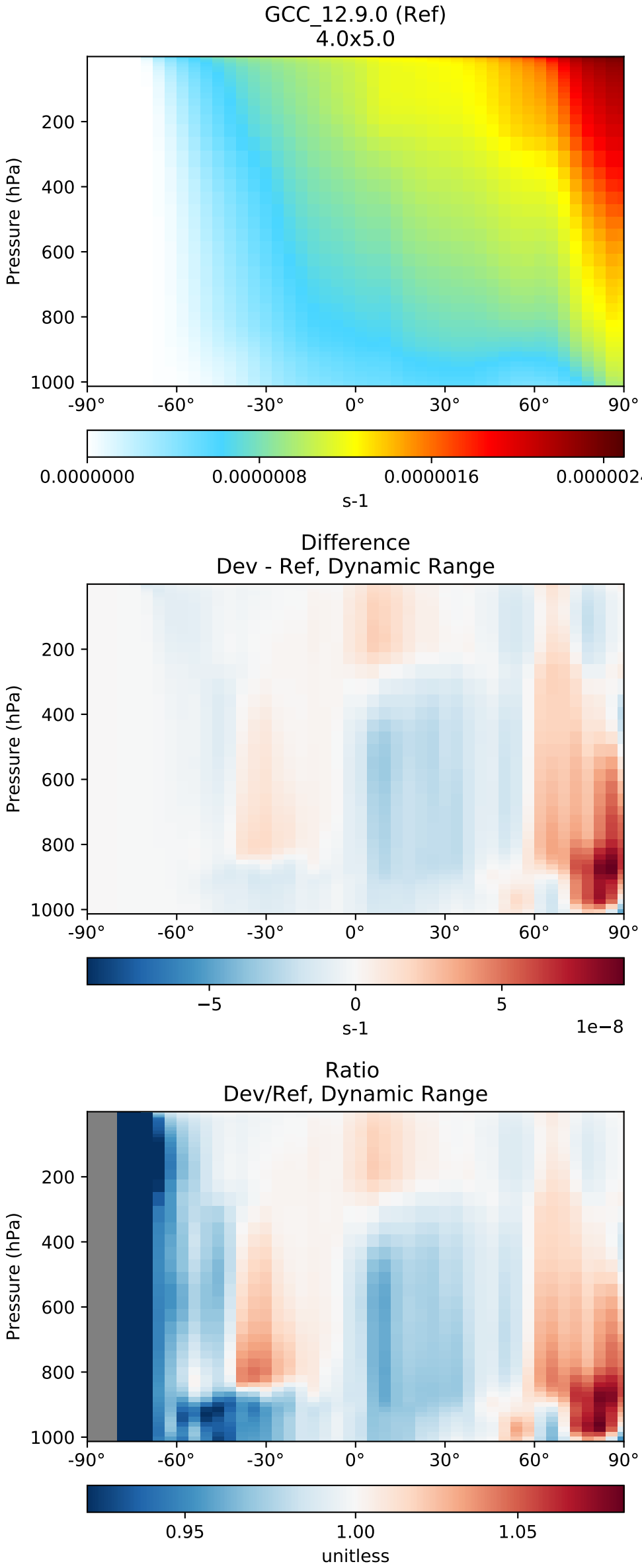



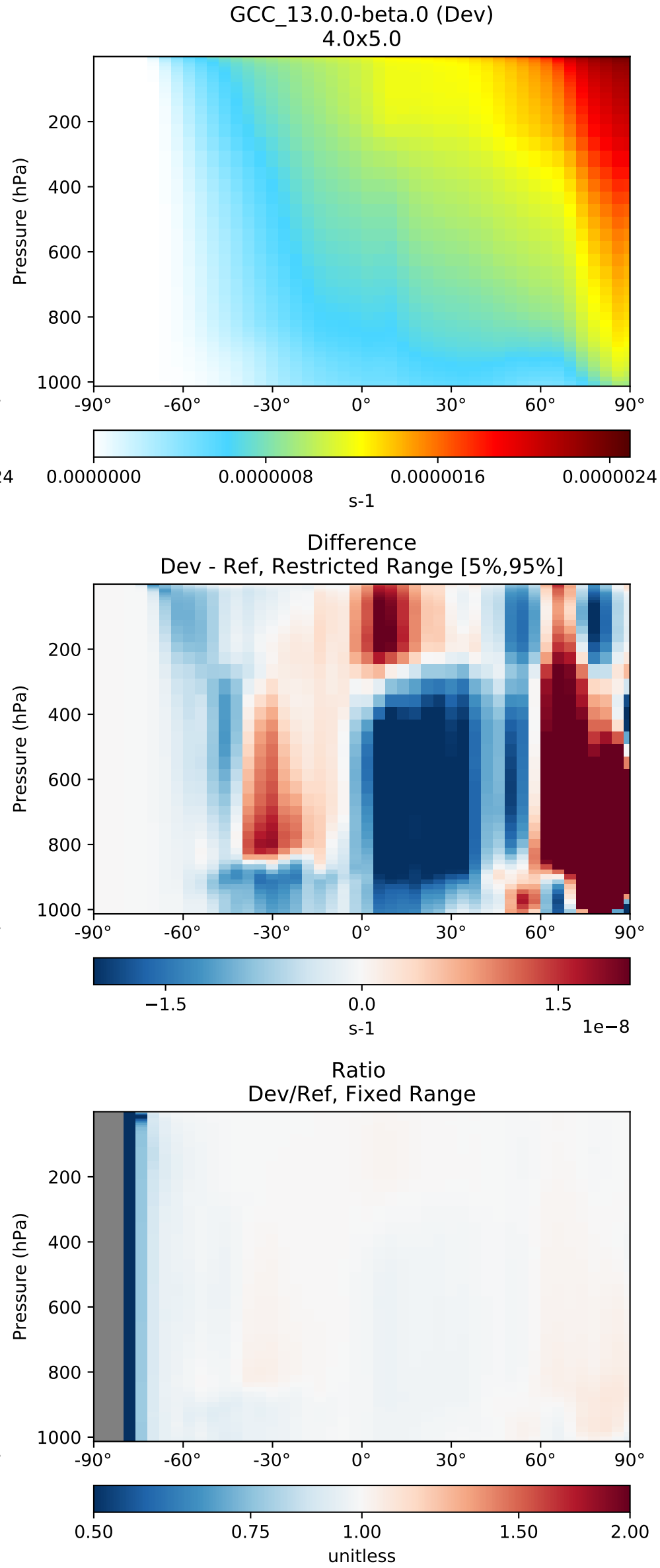
# Jval_ITHN, Zonal Mean



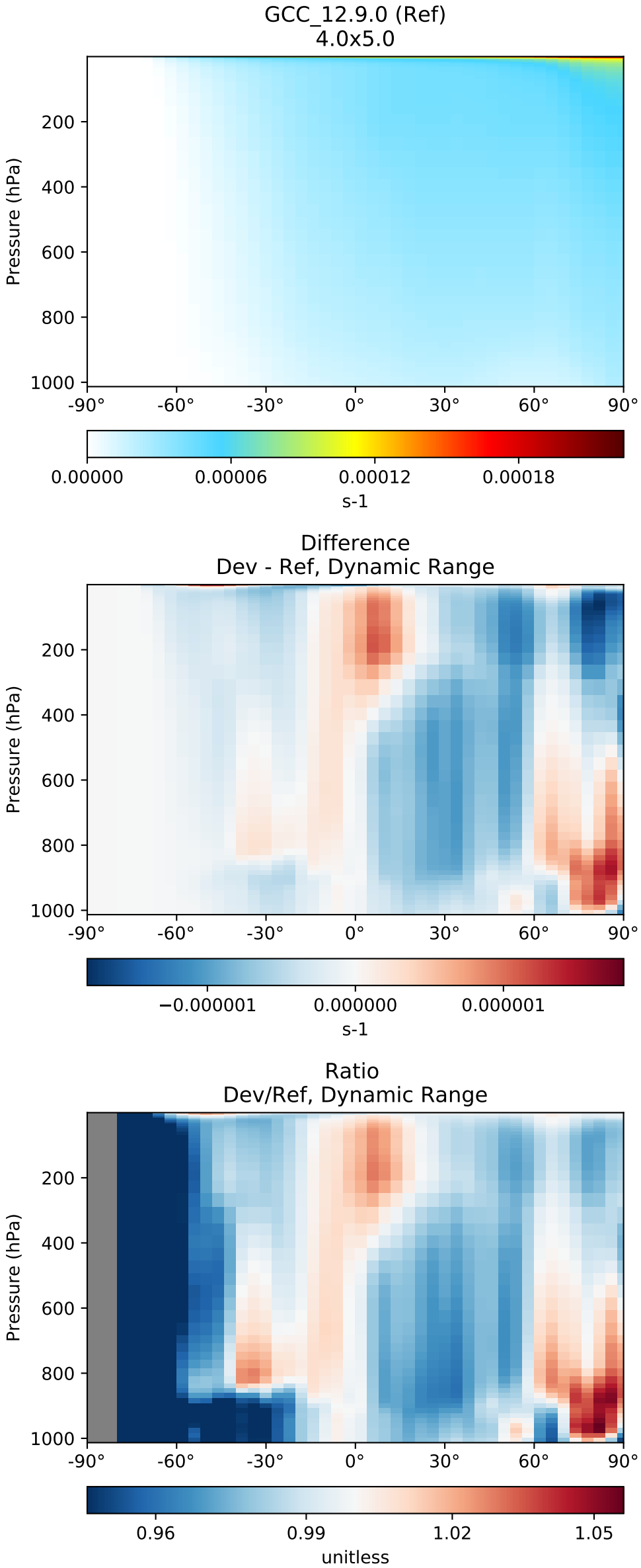



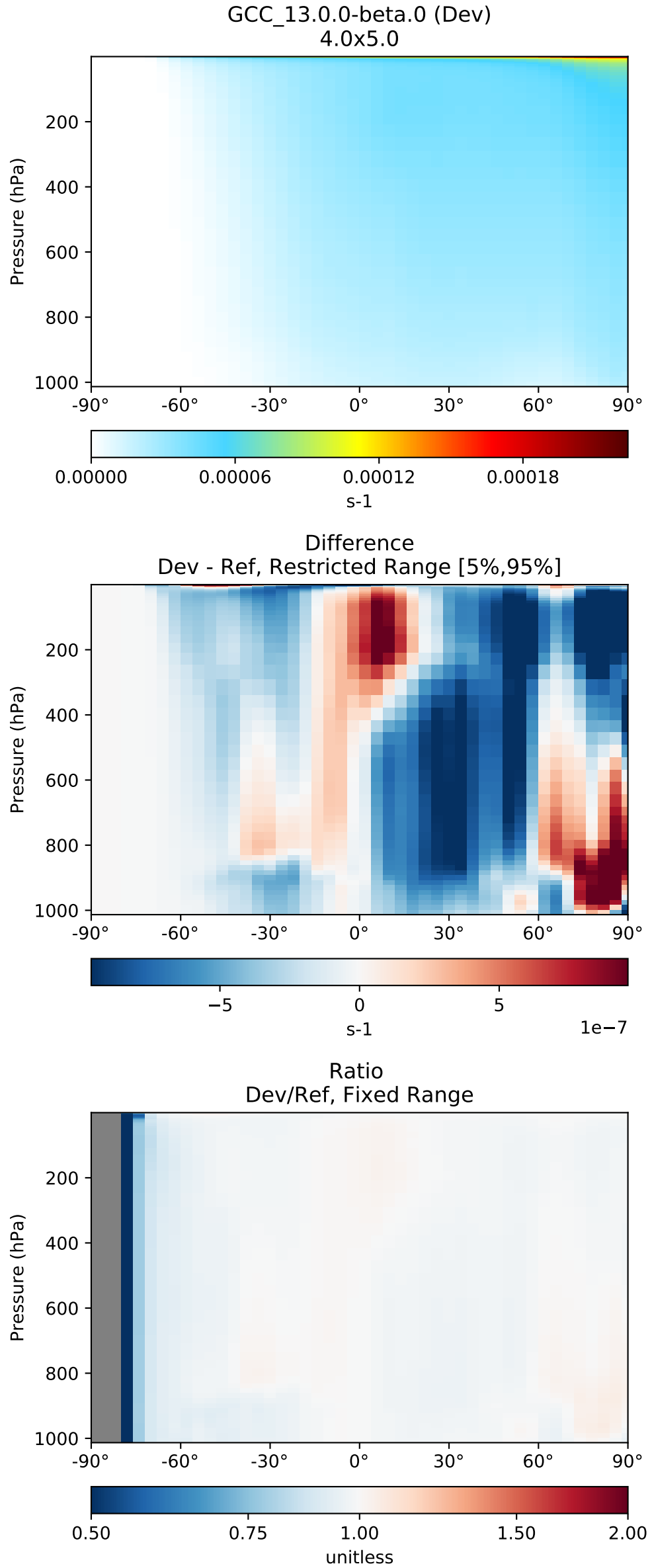
# Jval_MACR, Zonal Mean



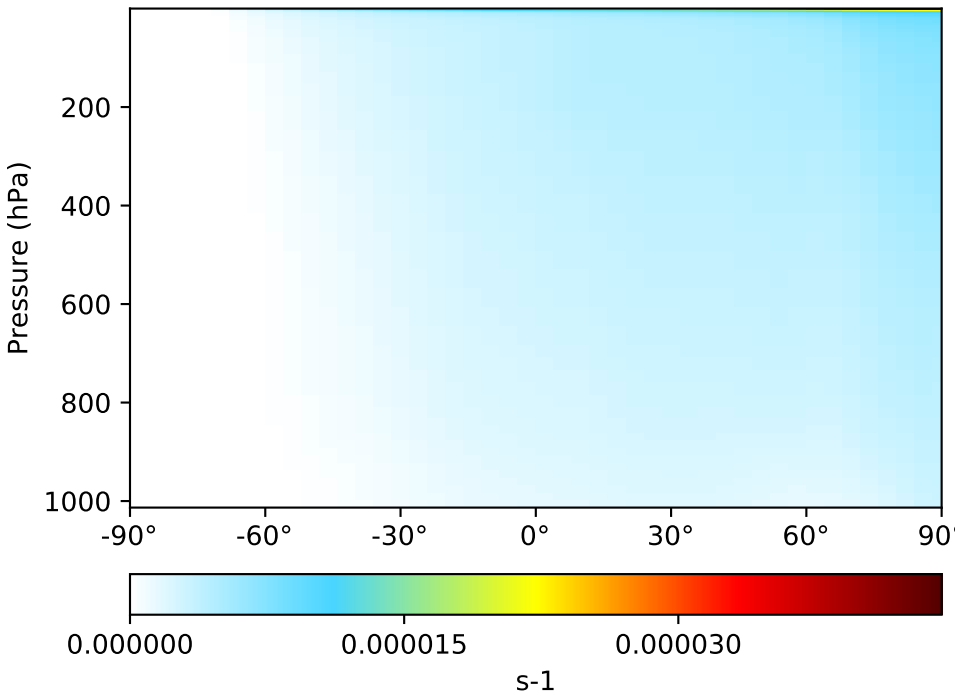
# Jval_MACR1OOH, Zonal Mean



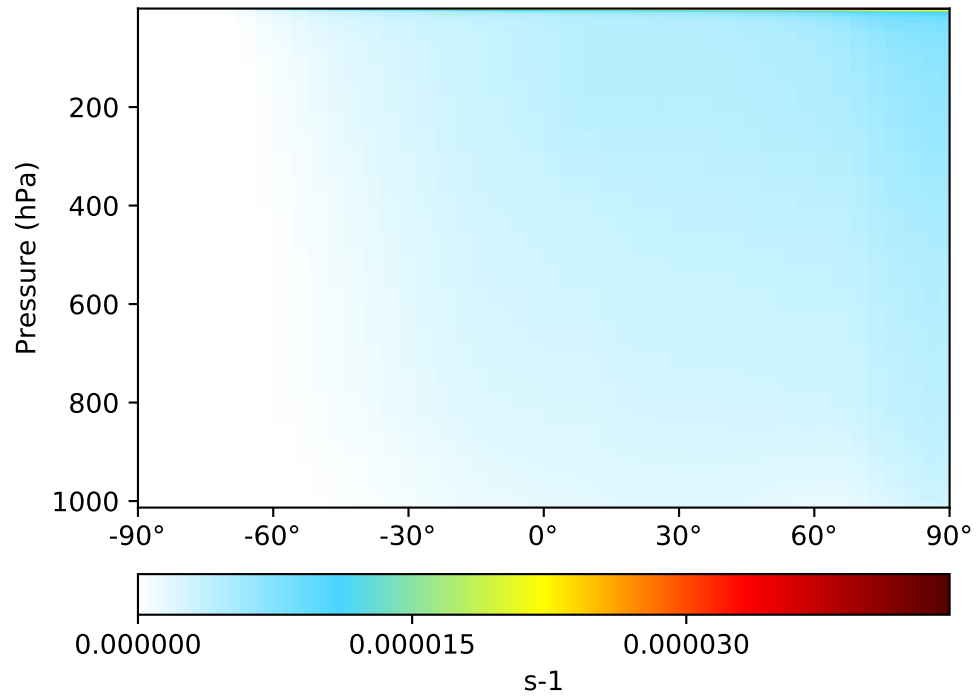



# Jval_MAP, Zonal Mean

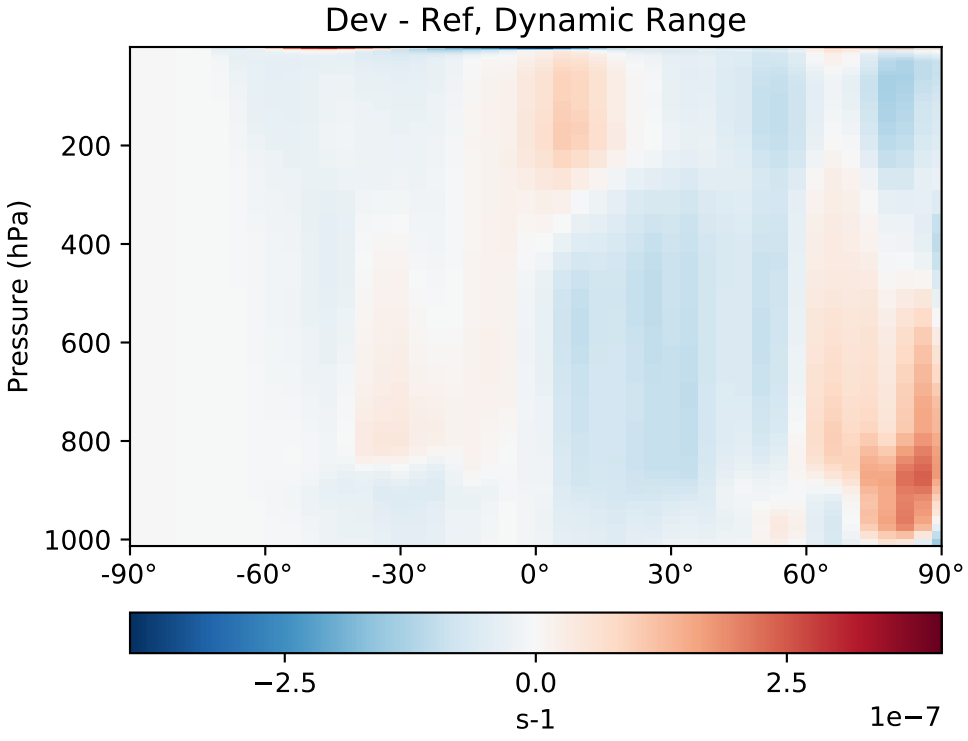
GCC_12.9.0 (Ref)
4.0x5.0



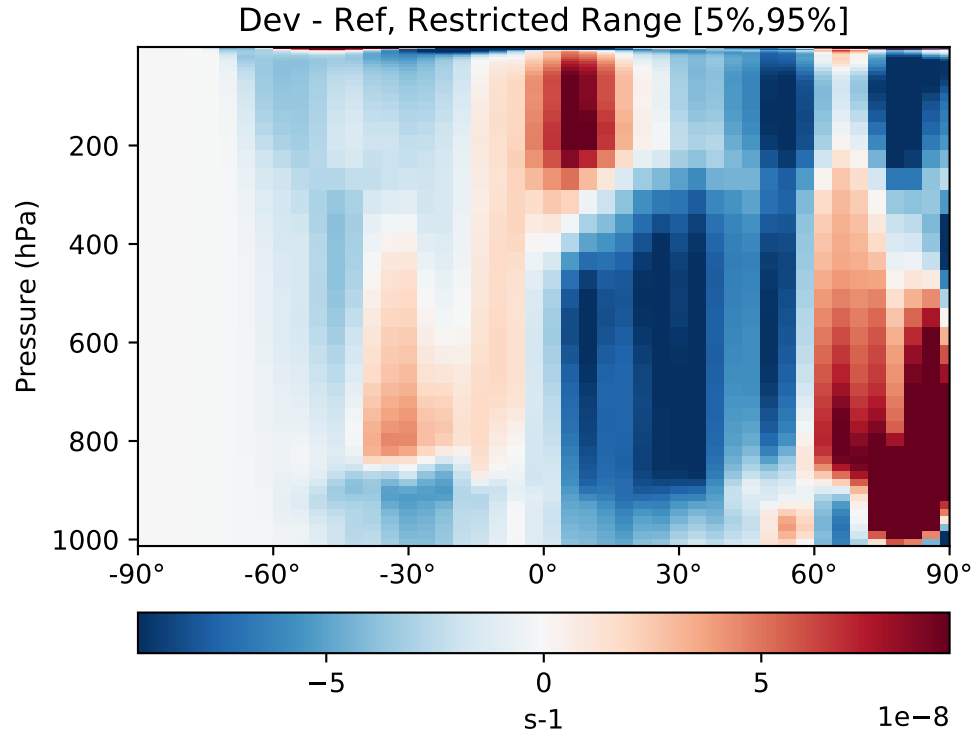

GCC_13.0.0-beta.0 (Dev)
4.0x5.0



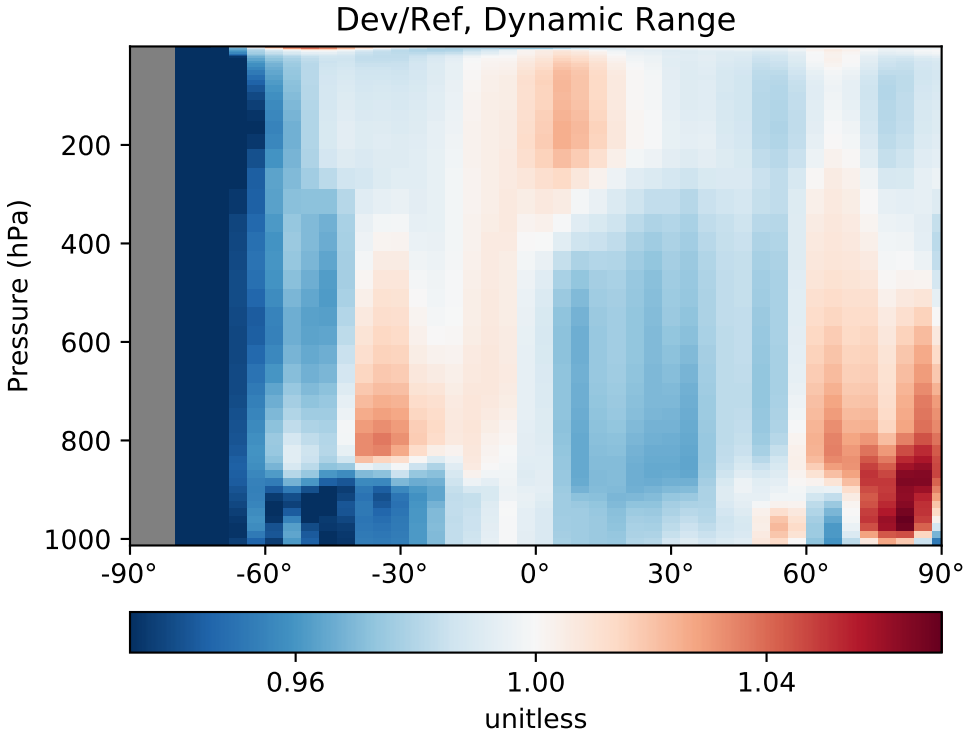

Difference
Dev - Ref, Dynamic Range



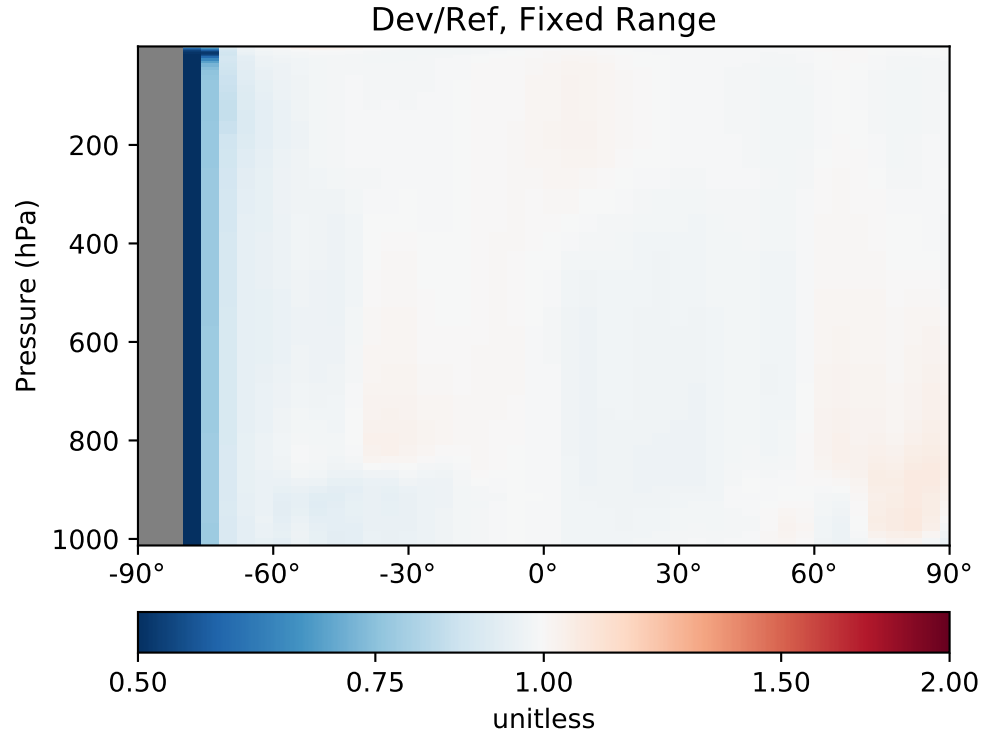

Difference
Dev - Ref, Restricted Range [5%,95%]



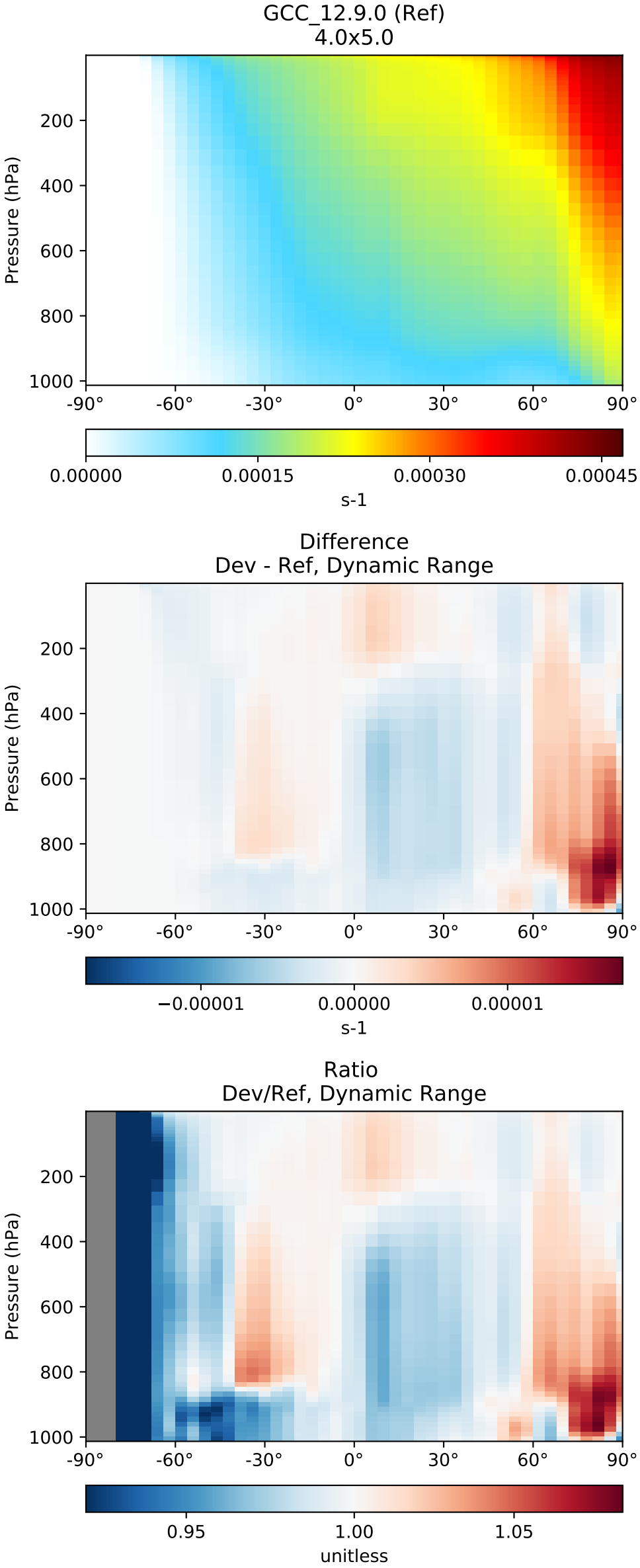

Ratio
Dev/Ref, Dynamic Range

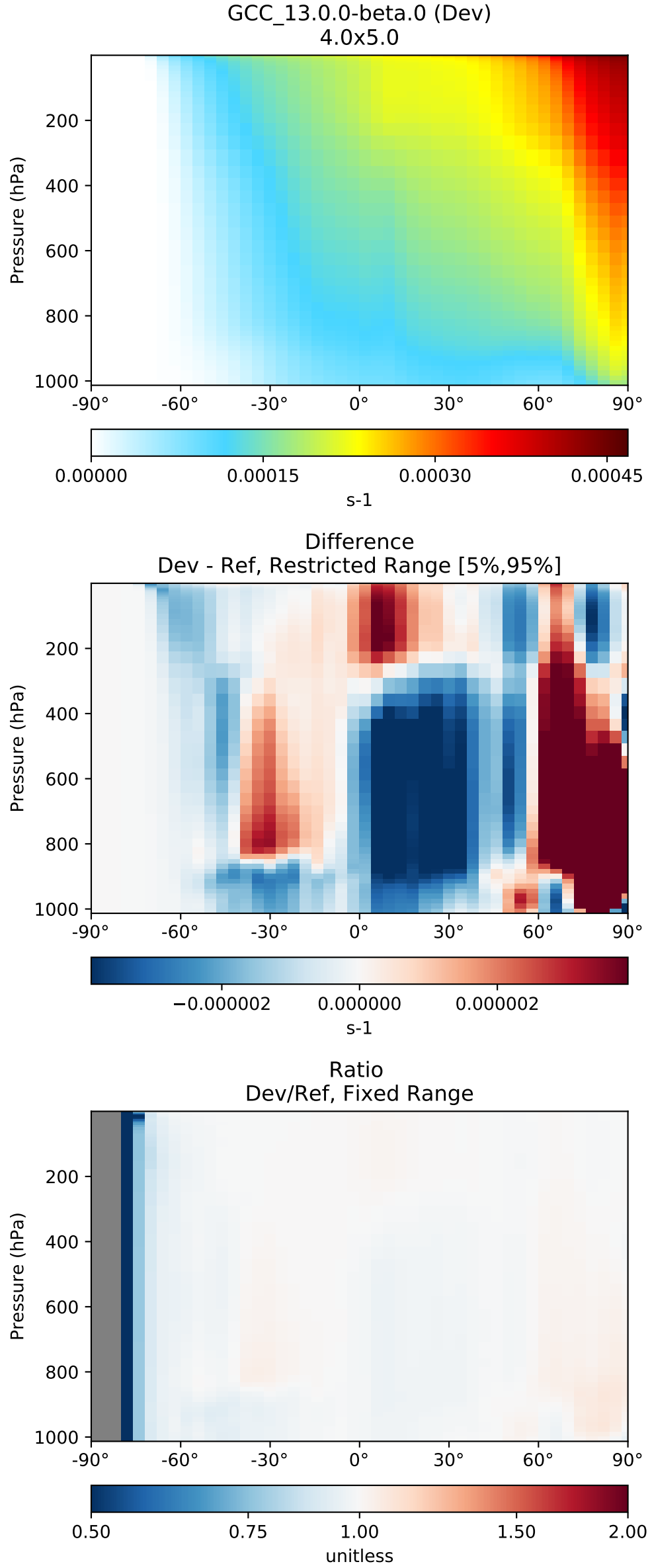



Ratio
Dev/Ref, Fixed Range

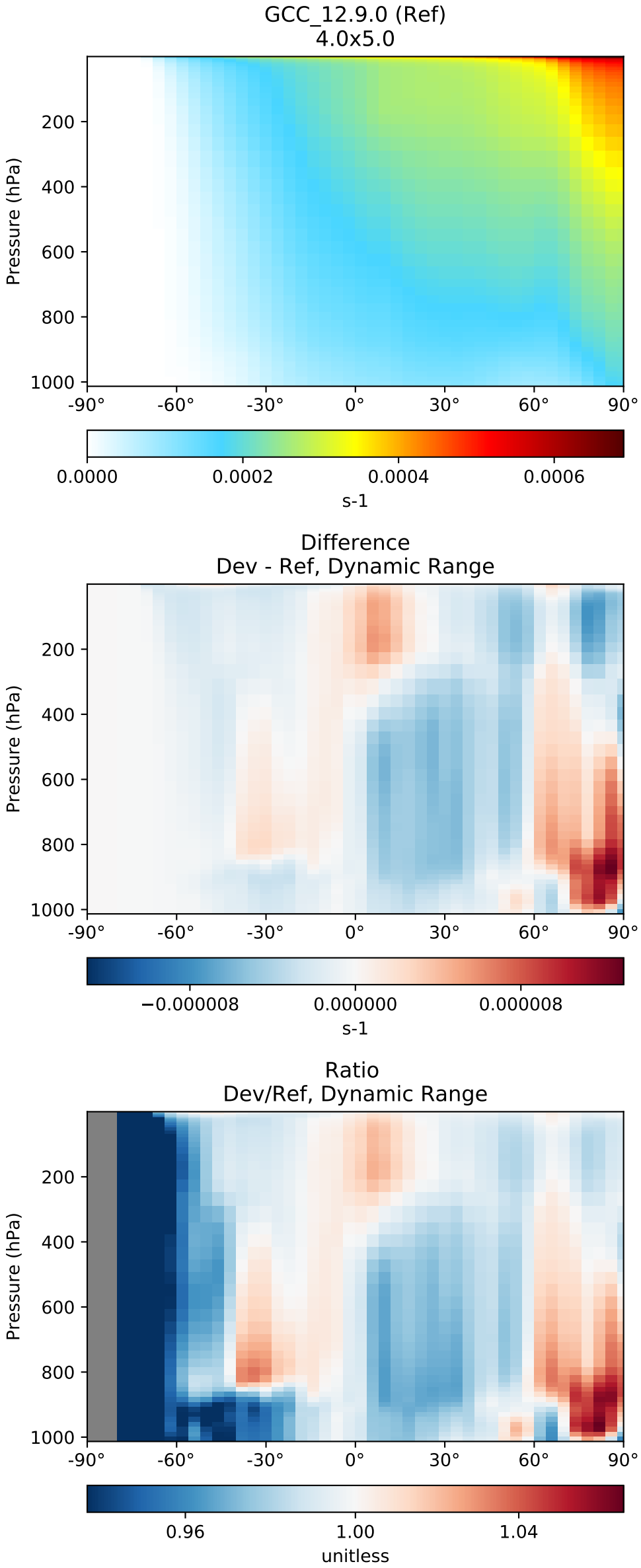


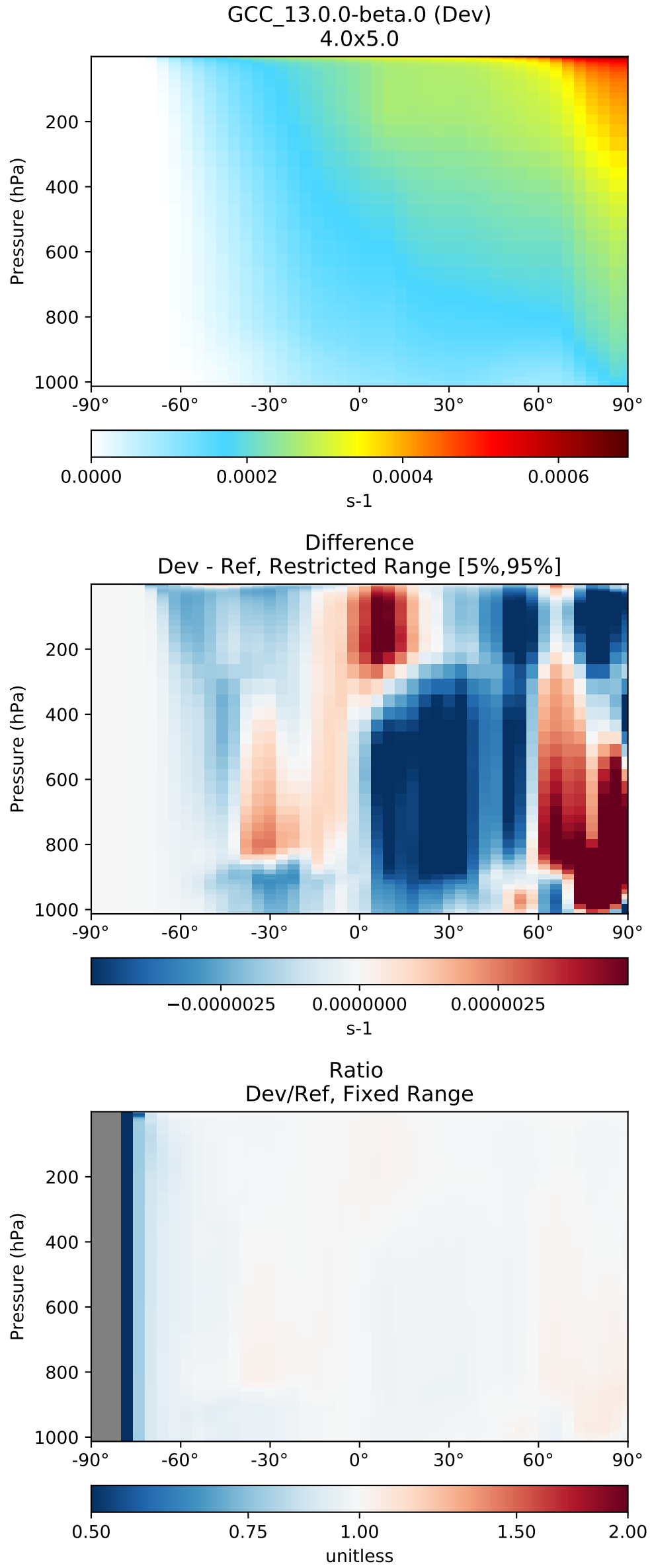
# Jval_MCRENOL, Zonal Mean



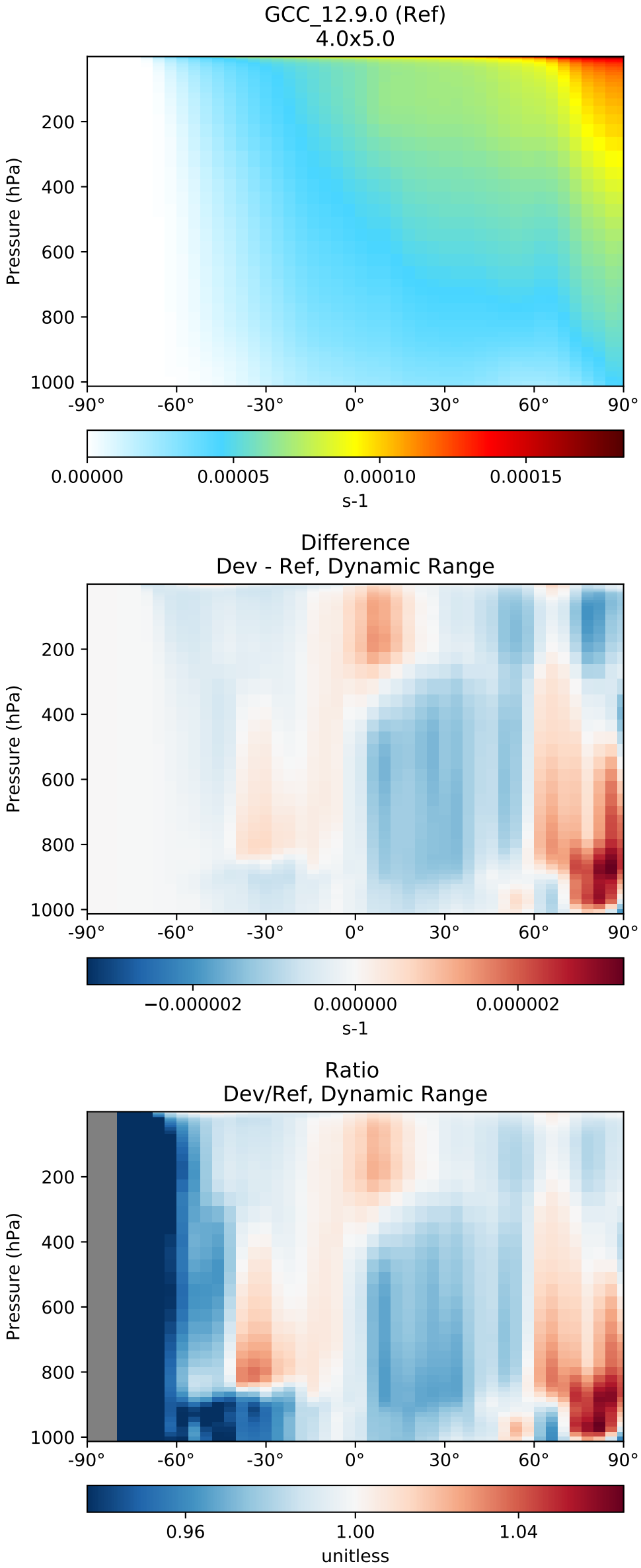



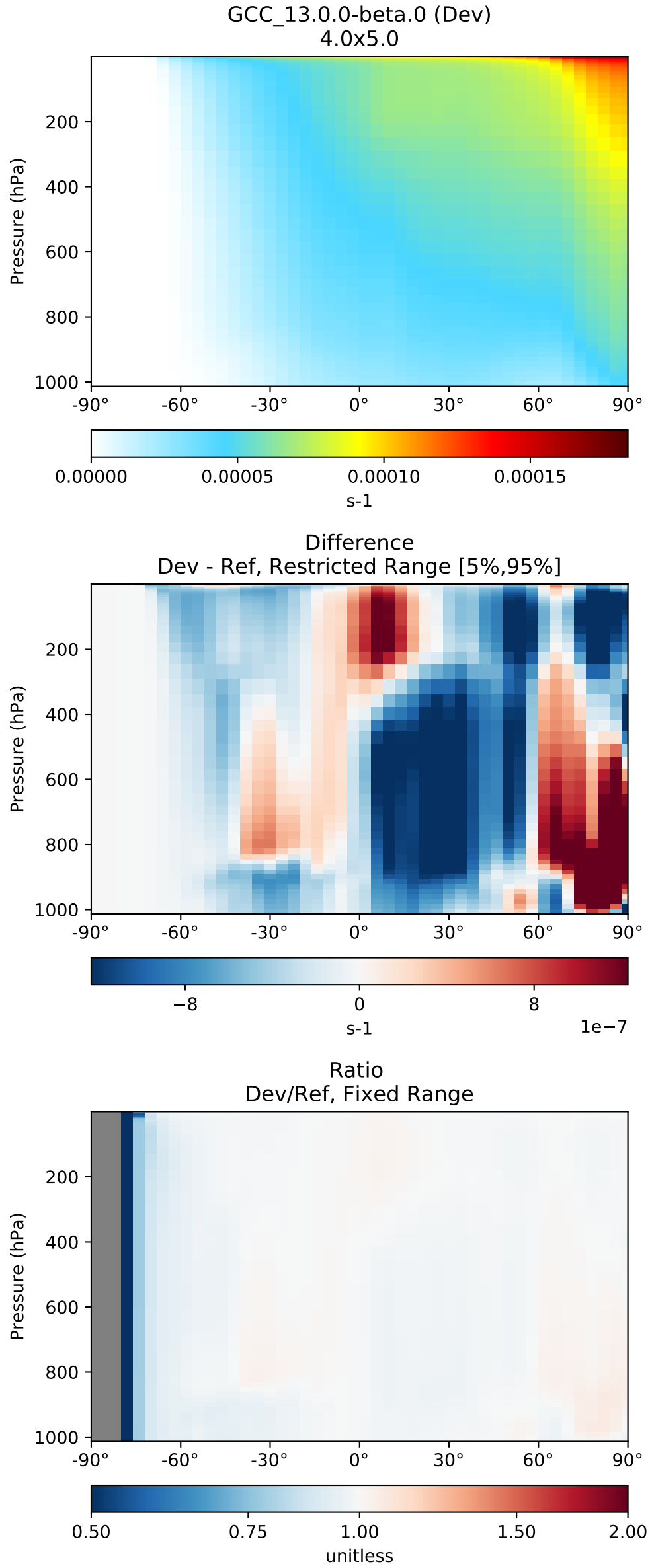
# Jval_MCRHN, Zonal Mean



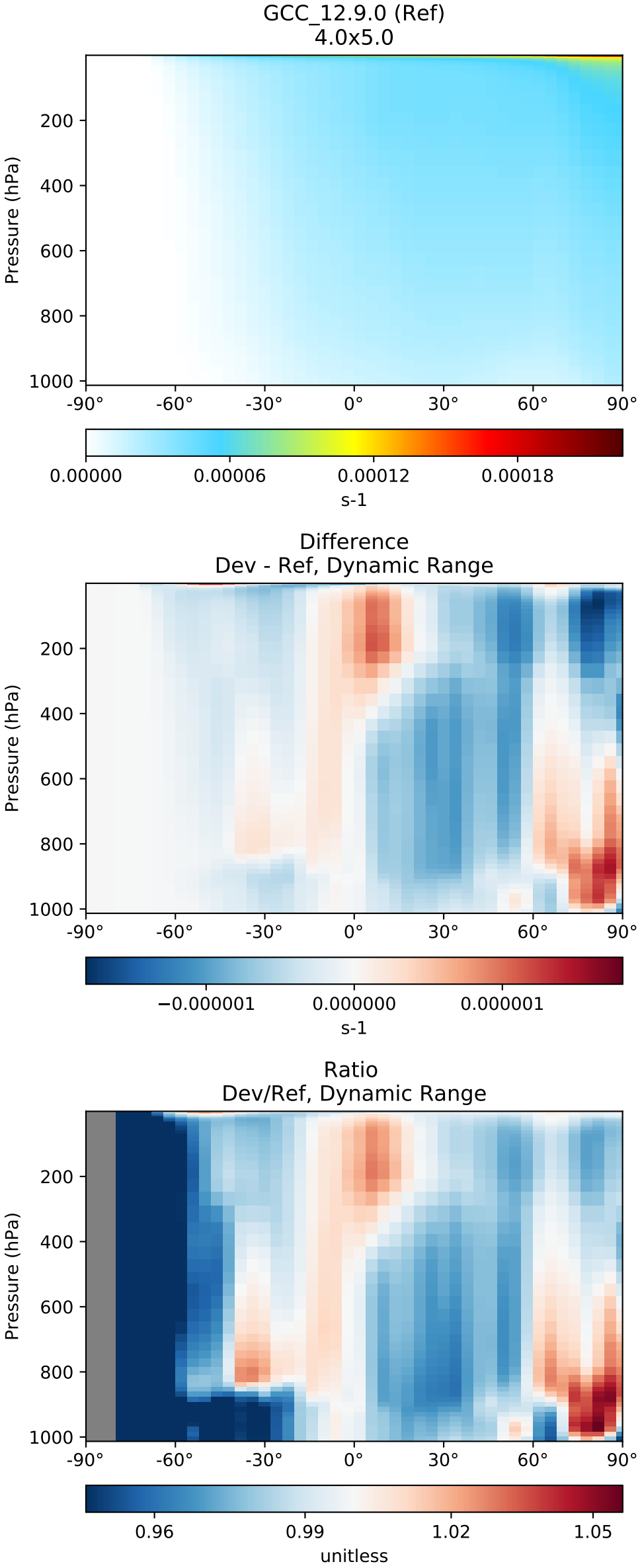



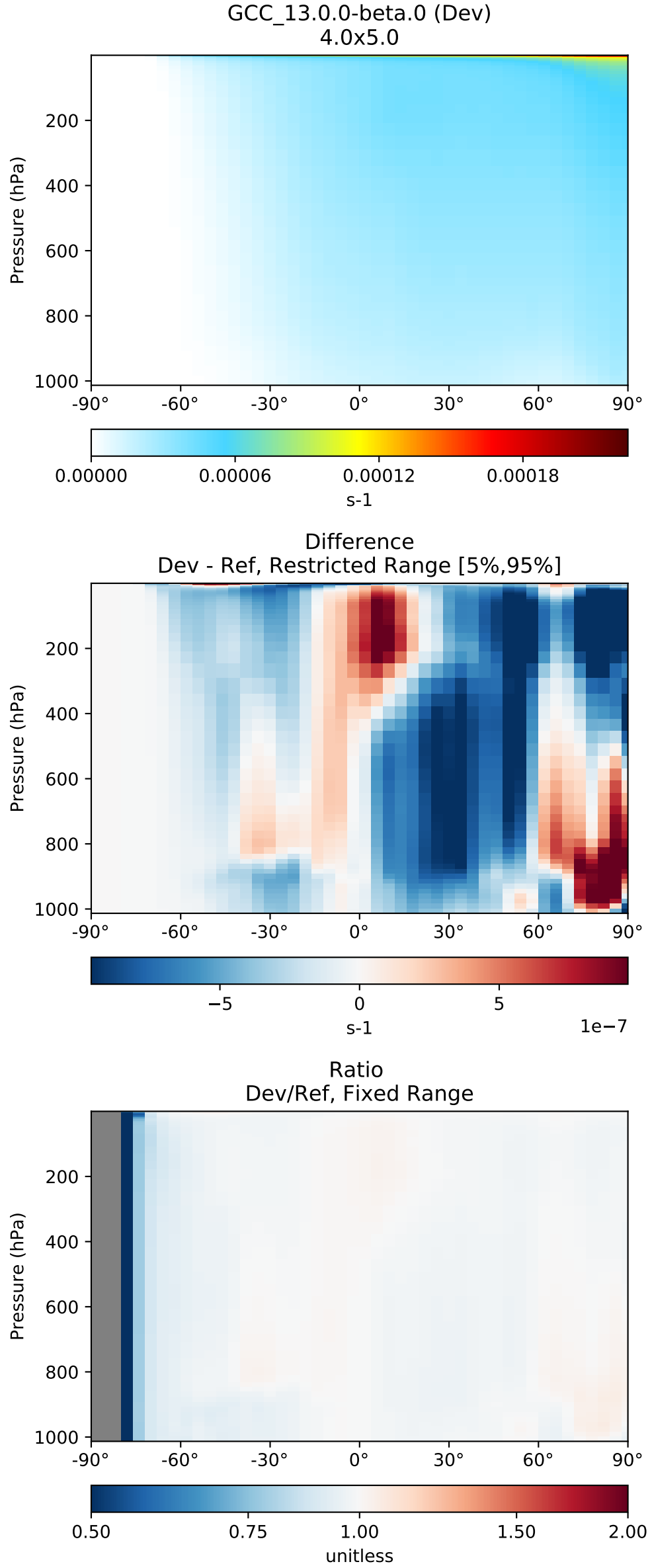
# Jval_MCRHNB, Zonal Mean



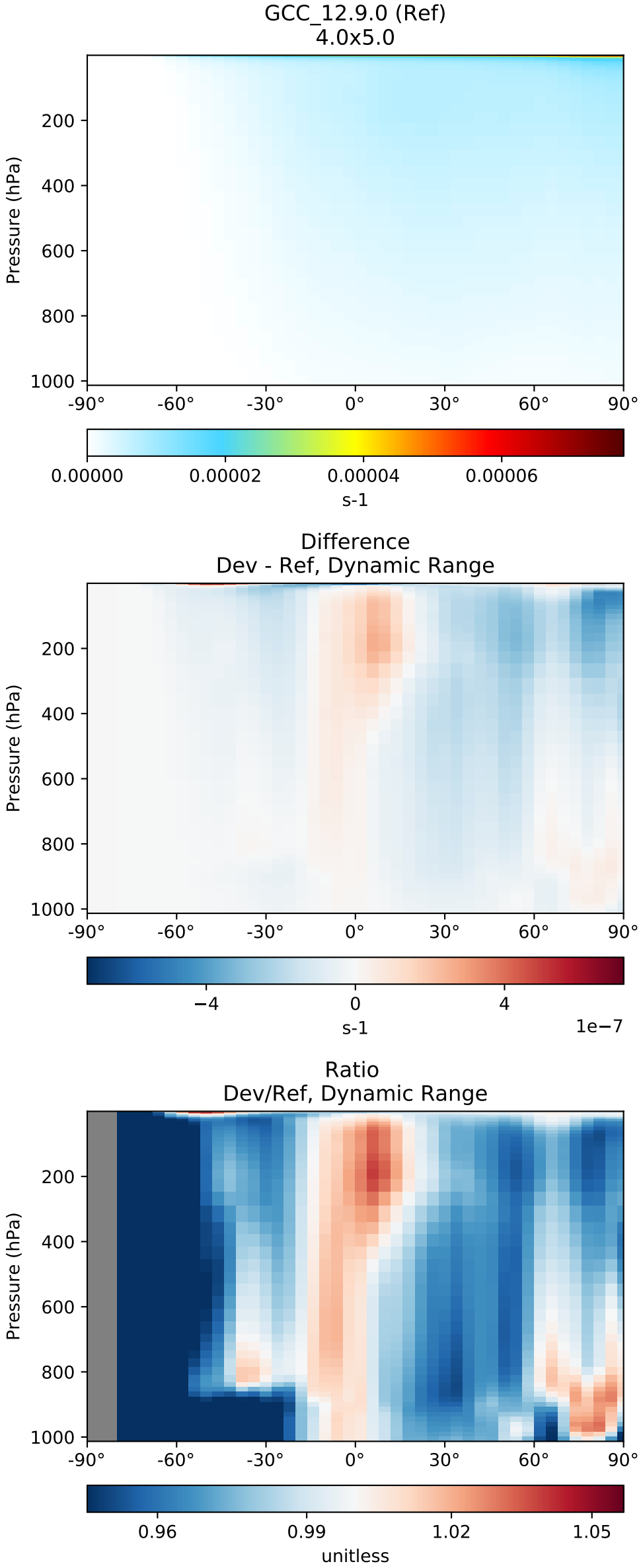



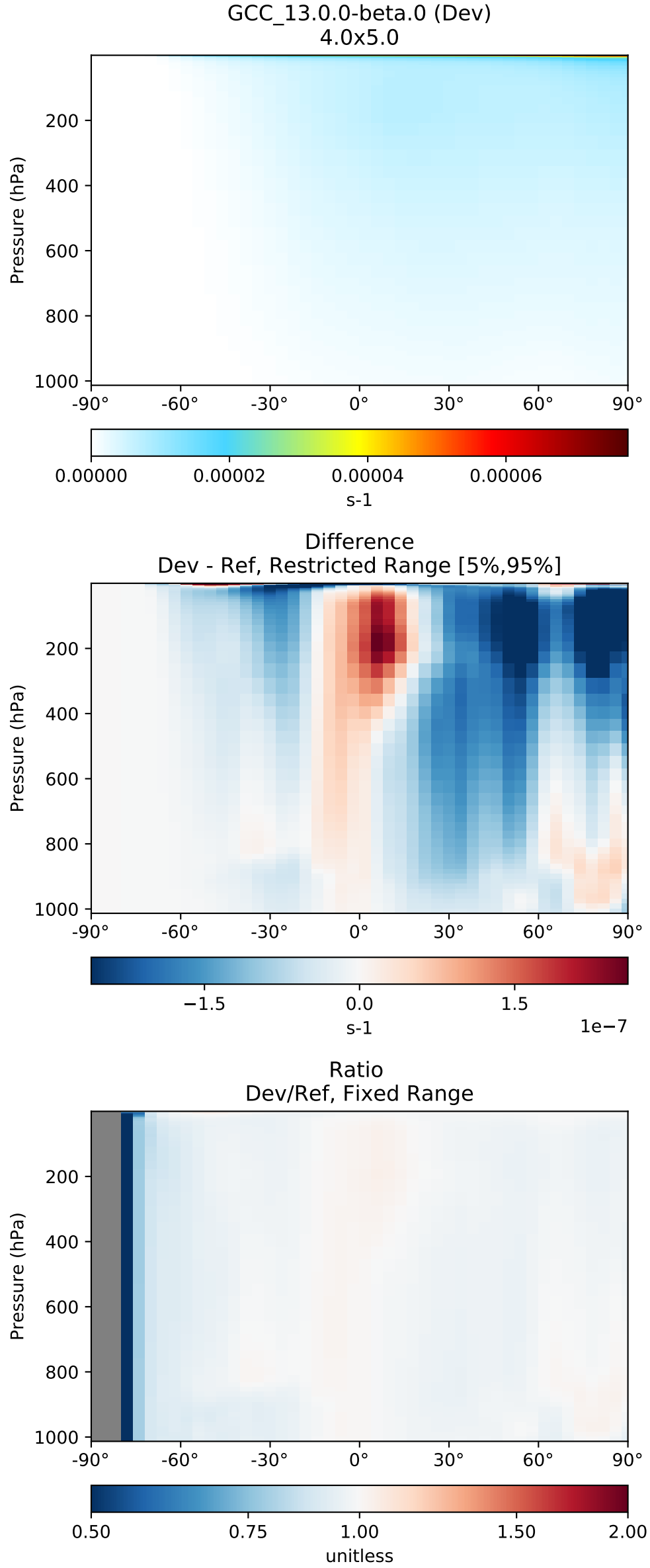
# Jval_MCRHP, Zonal Mean



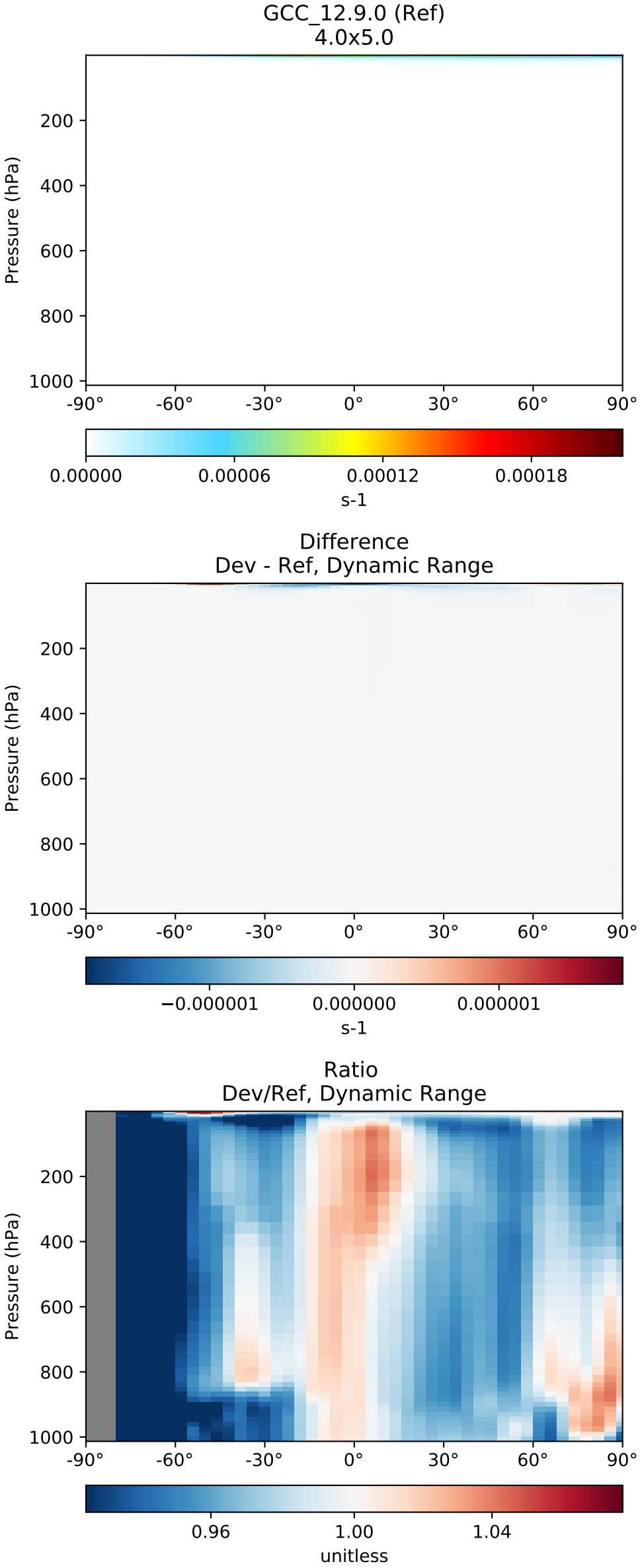



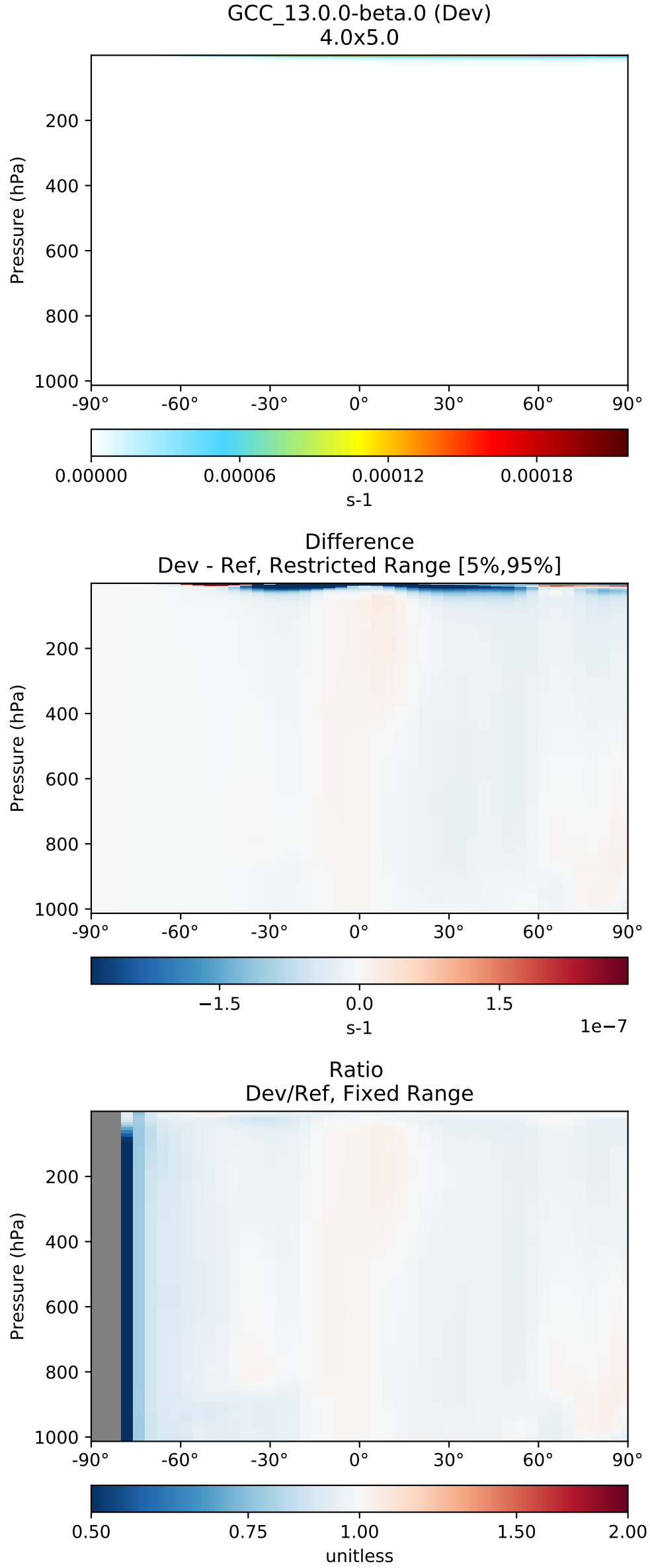
# Jval_MEK, Zonal Mean



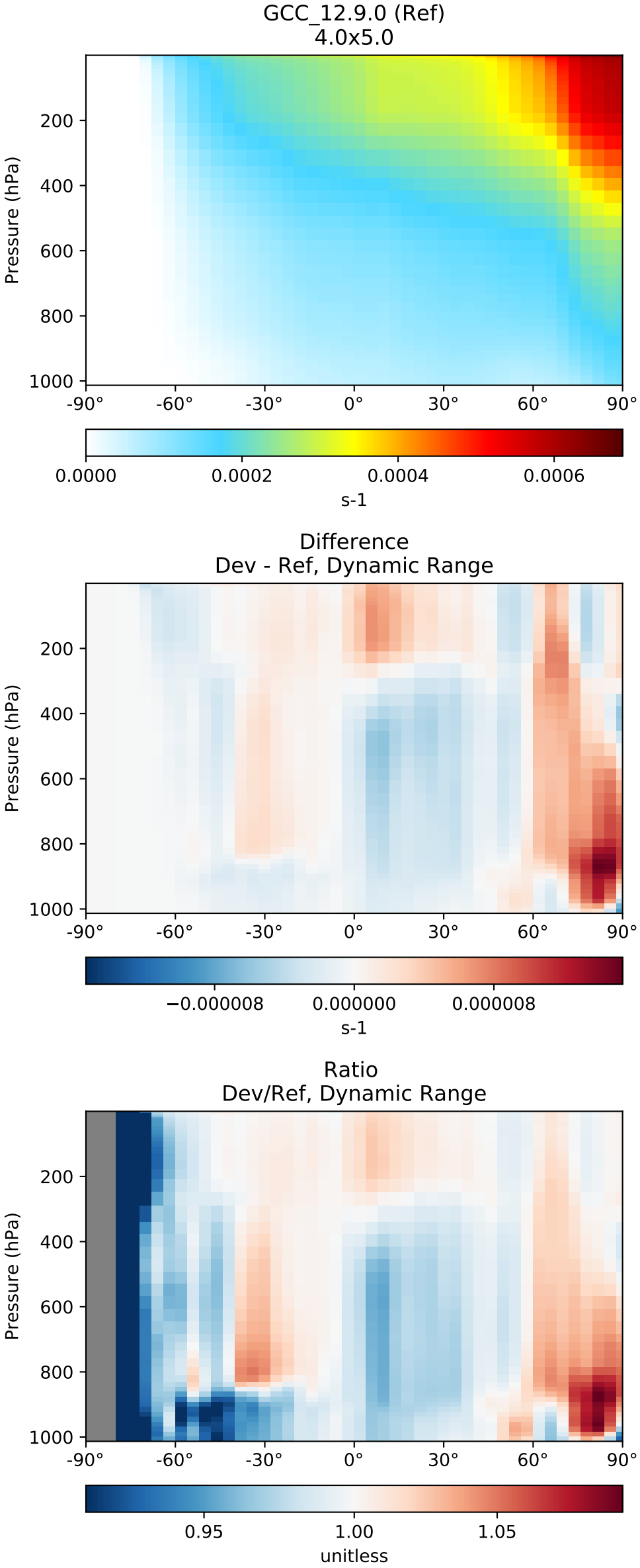



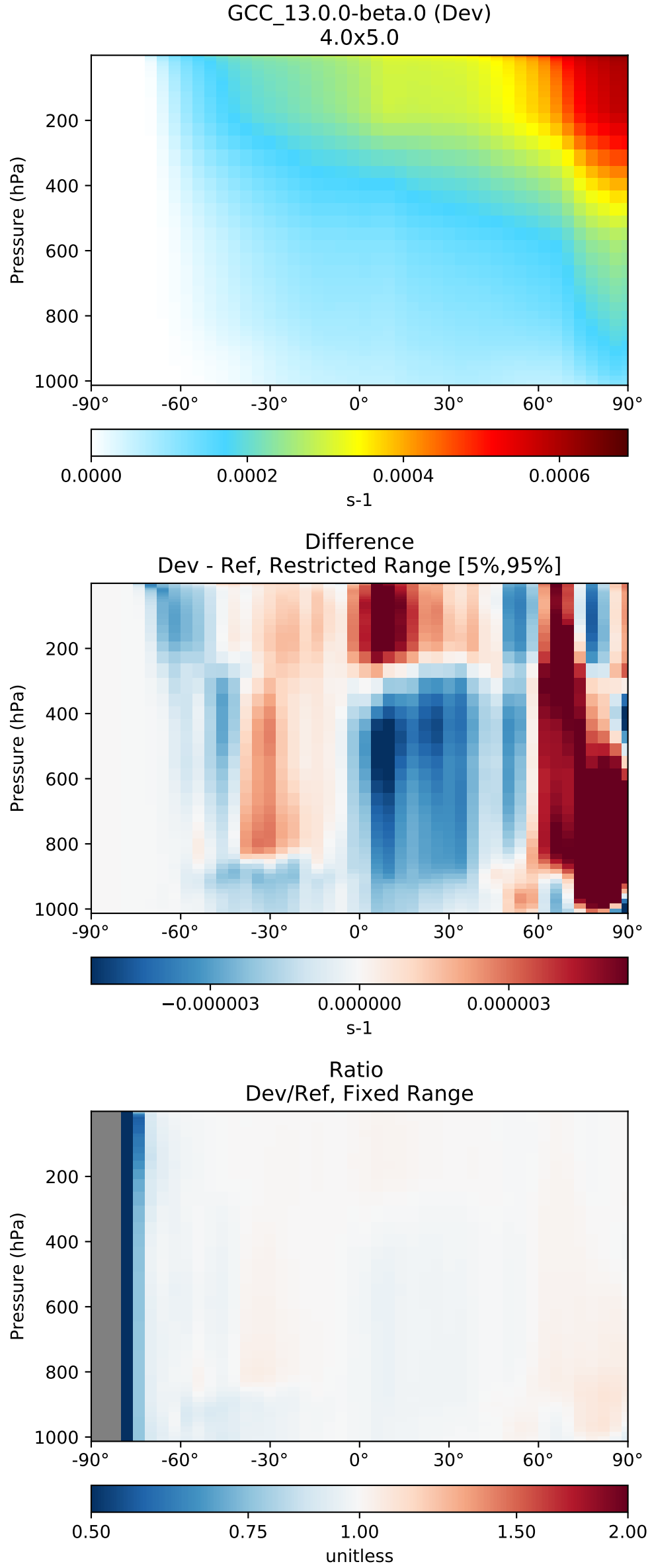
# Jval_MENO3, Zonal Mean



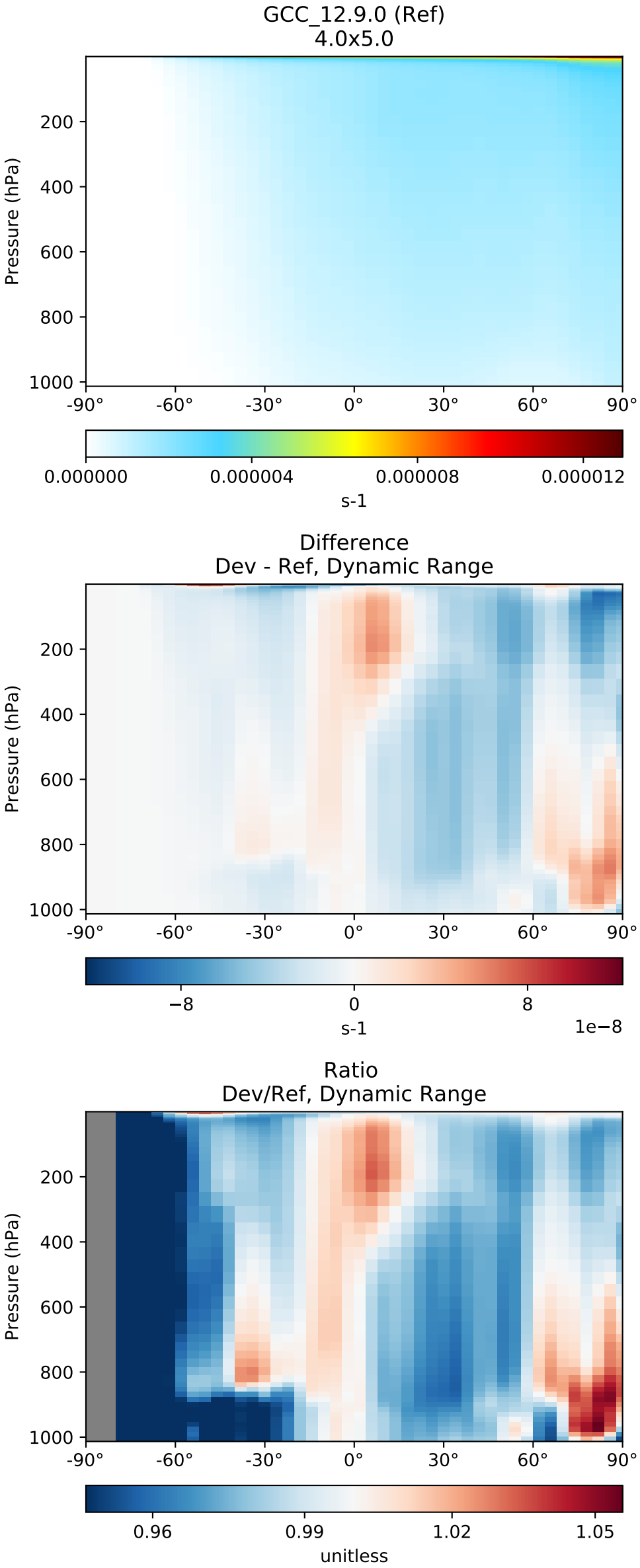



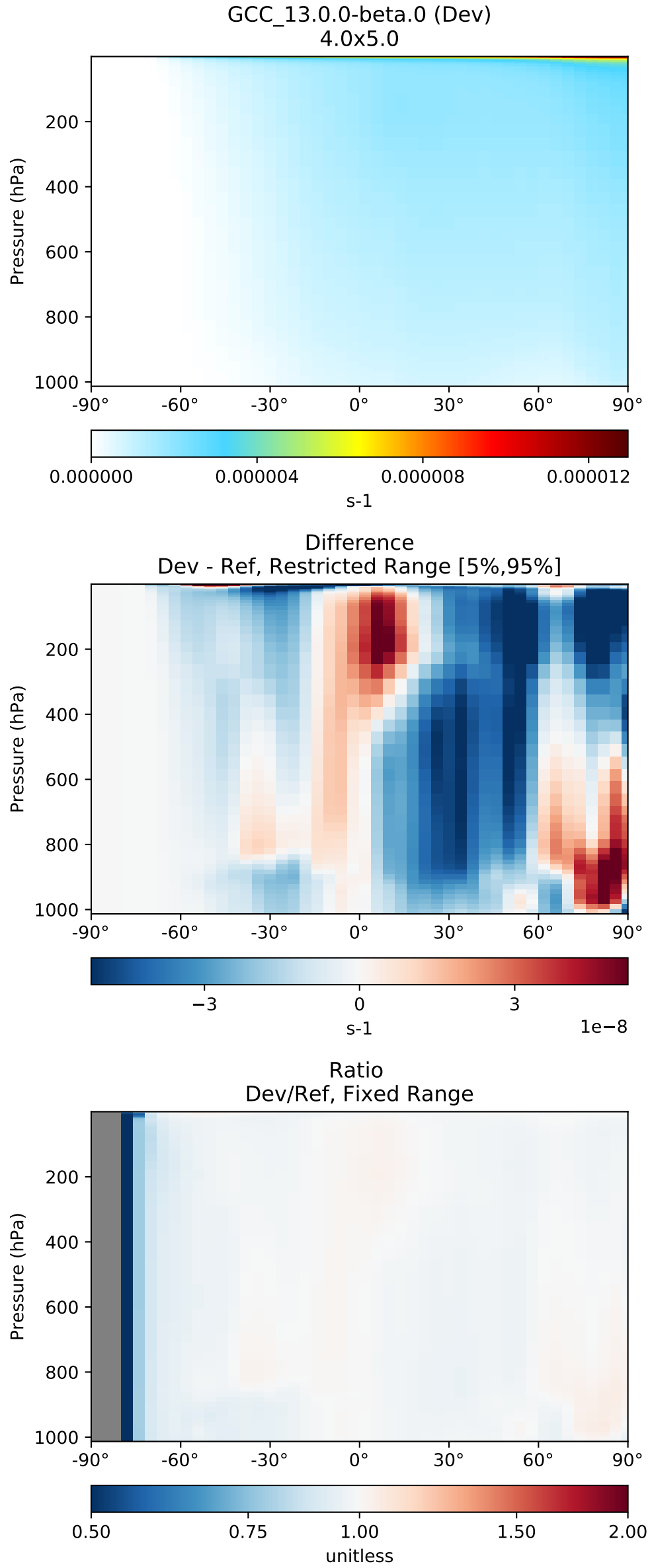
# Jval_MGLY, Zonal Mean



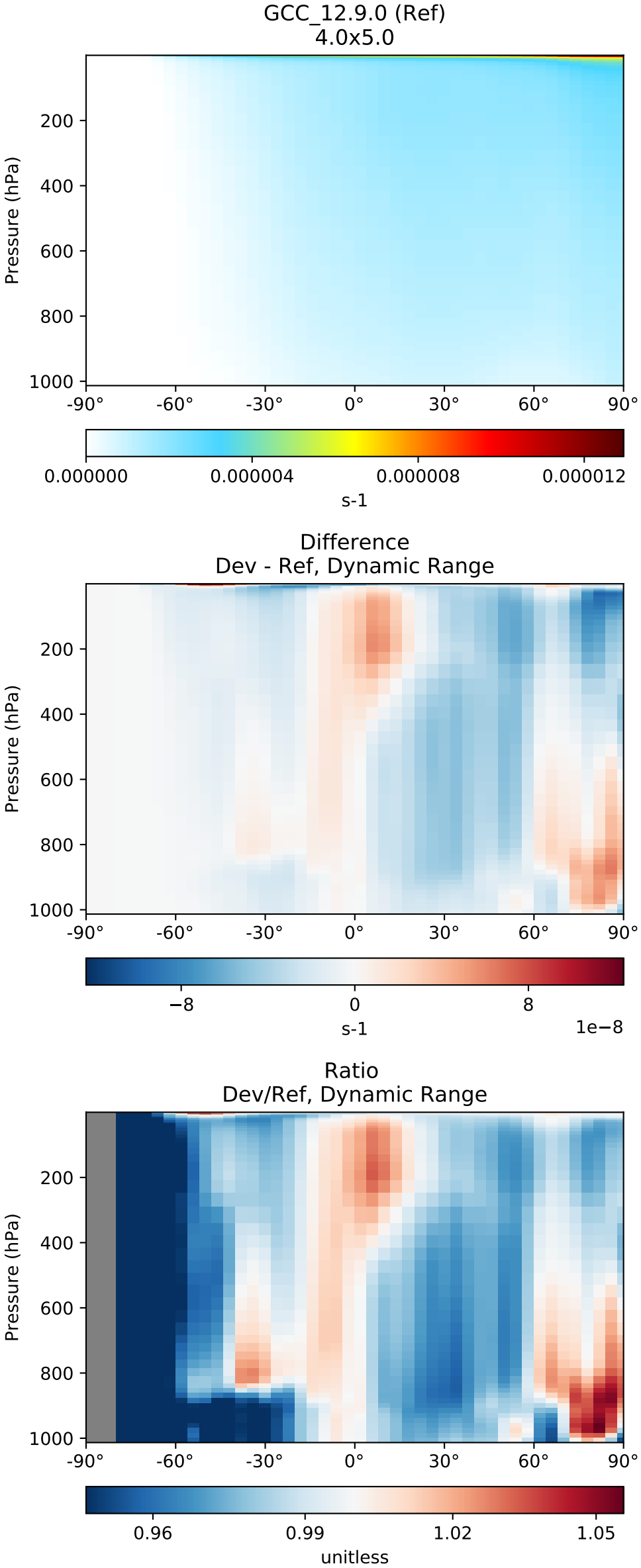



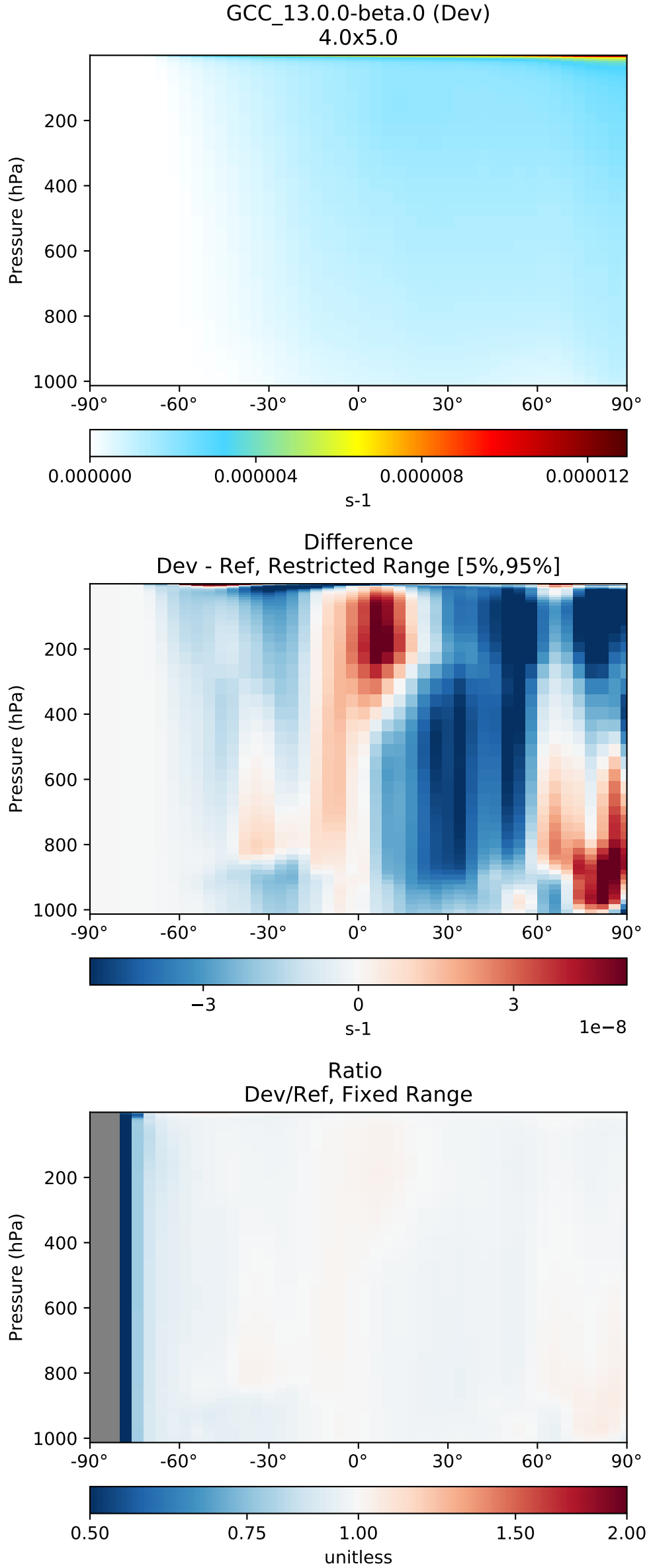
# Jval_MONITS, Zonal Mean



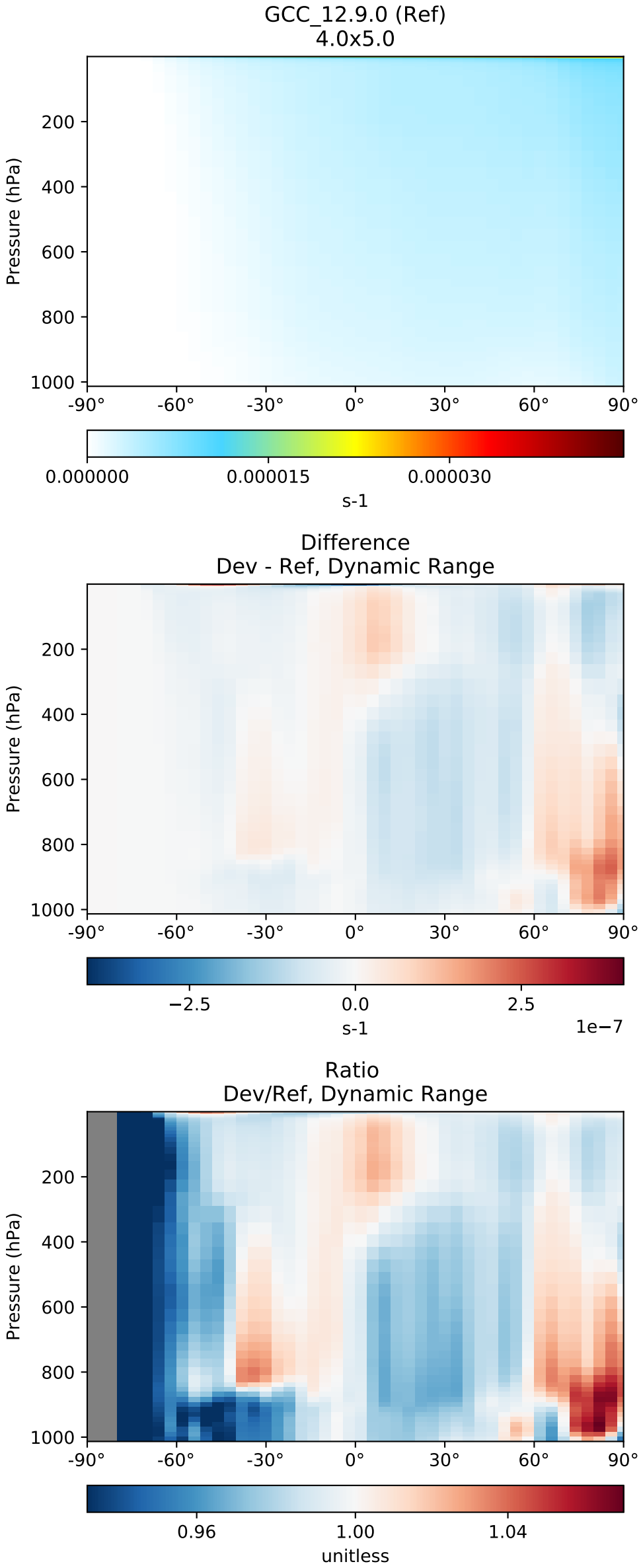



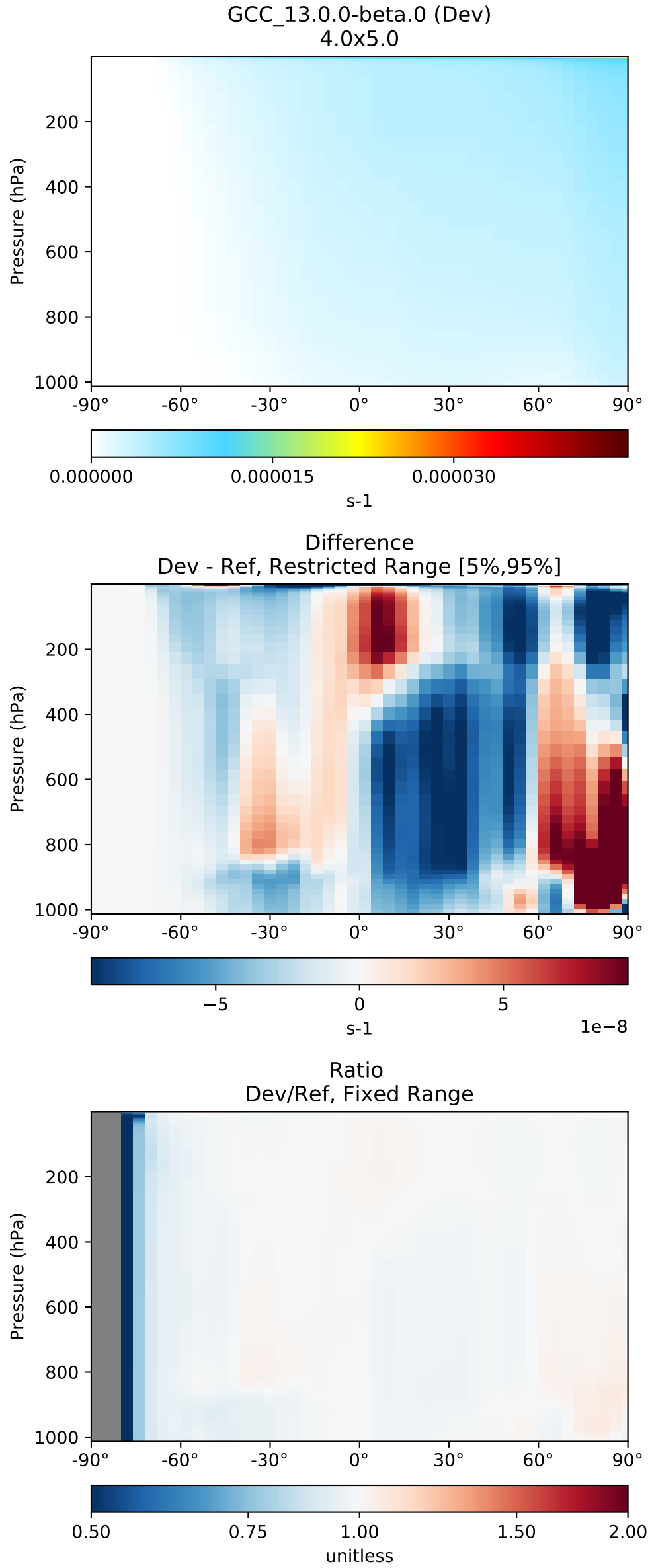
# Jval_MONITU, Zonal Mean



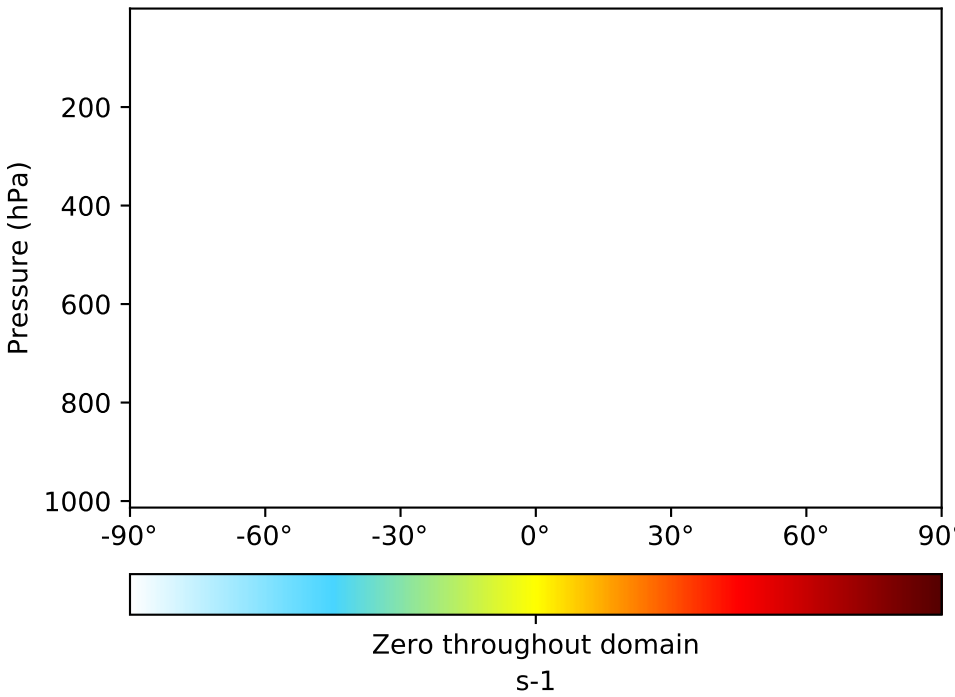
# Jval_MP, Zonal Mean



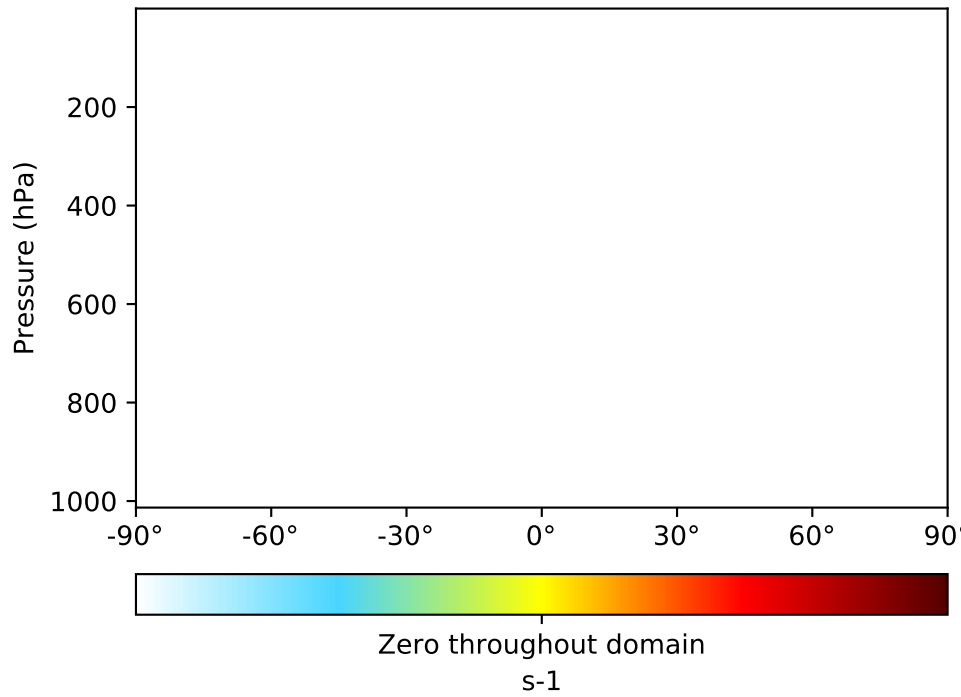



# Jval_MPAN, Zonal Mean

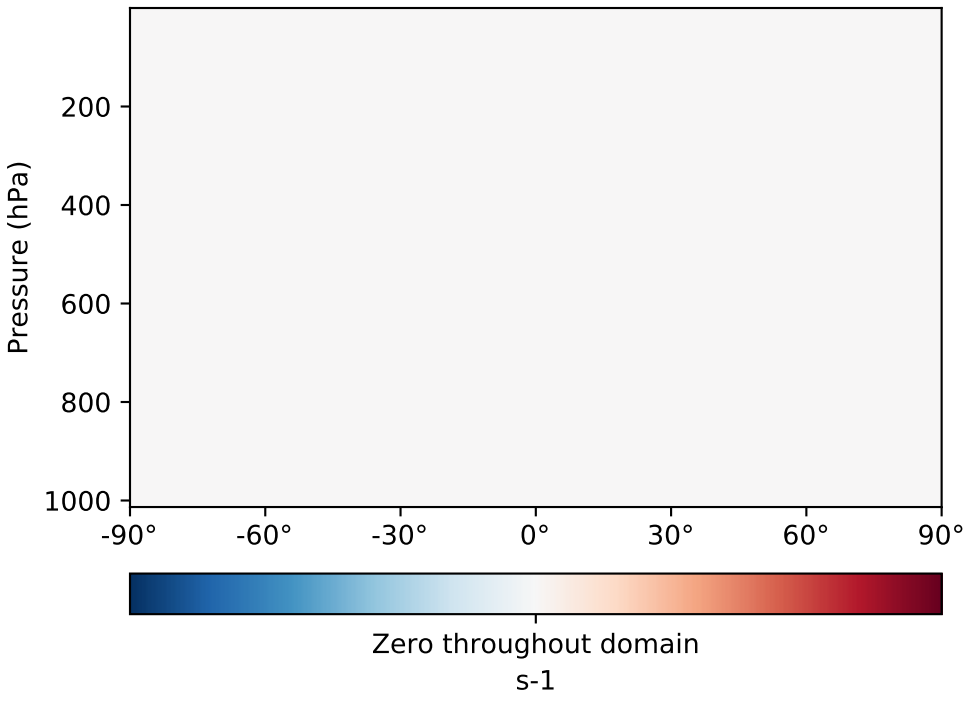
GCC_12.9.0 (Ref)
4.0x5.0



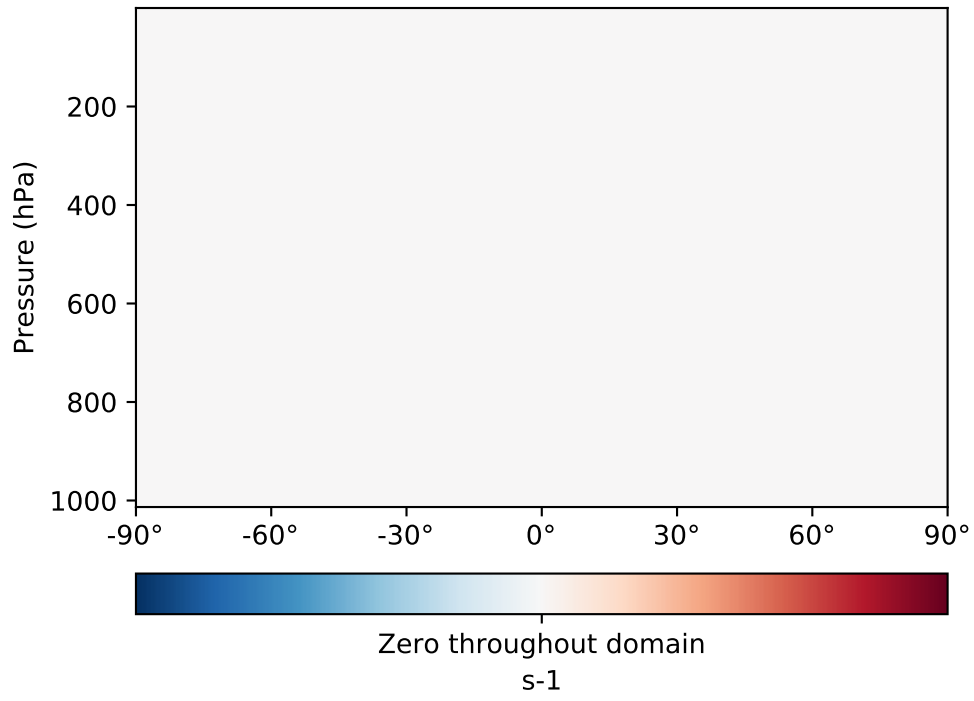

GCC_13.0.0-beta.0 (Dev)
4.0x5.0



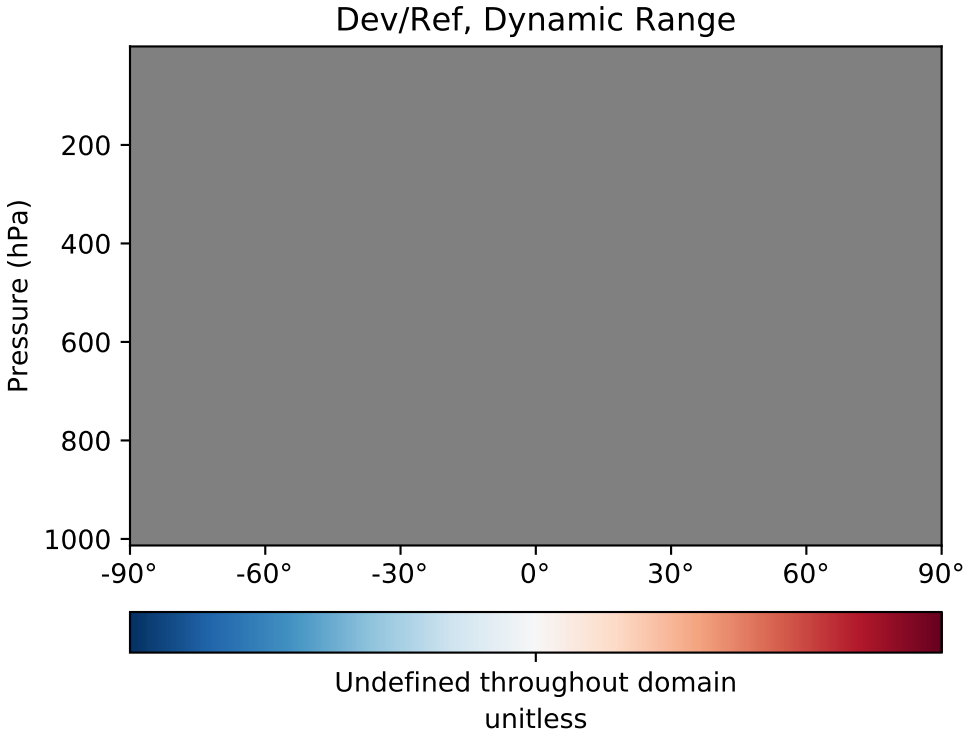

Difference
Dev - Ref, Dynamic Range



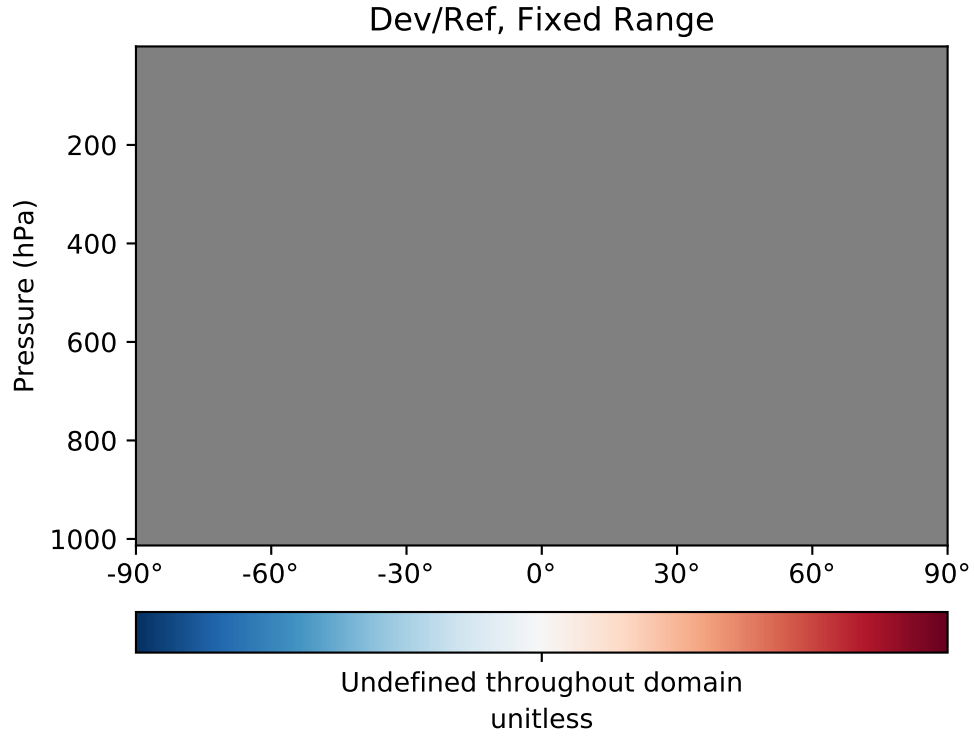

Difference
Dev - Ref, Restricted Range [5%,95%]



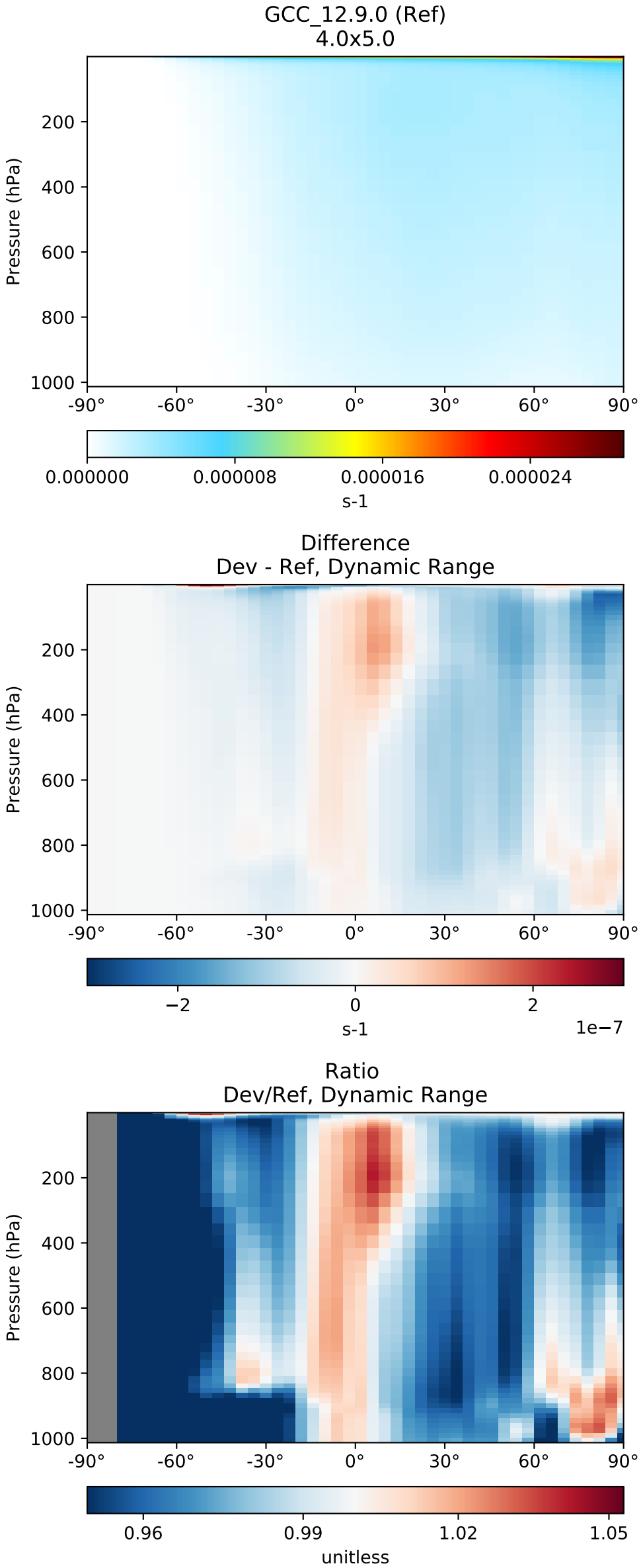

Ratio
Dev/Ref, Dynamic Range

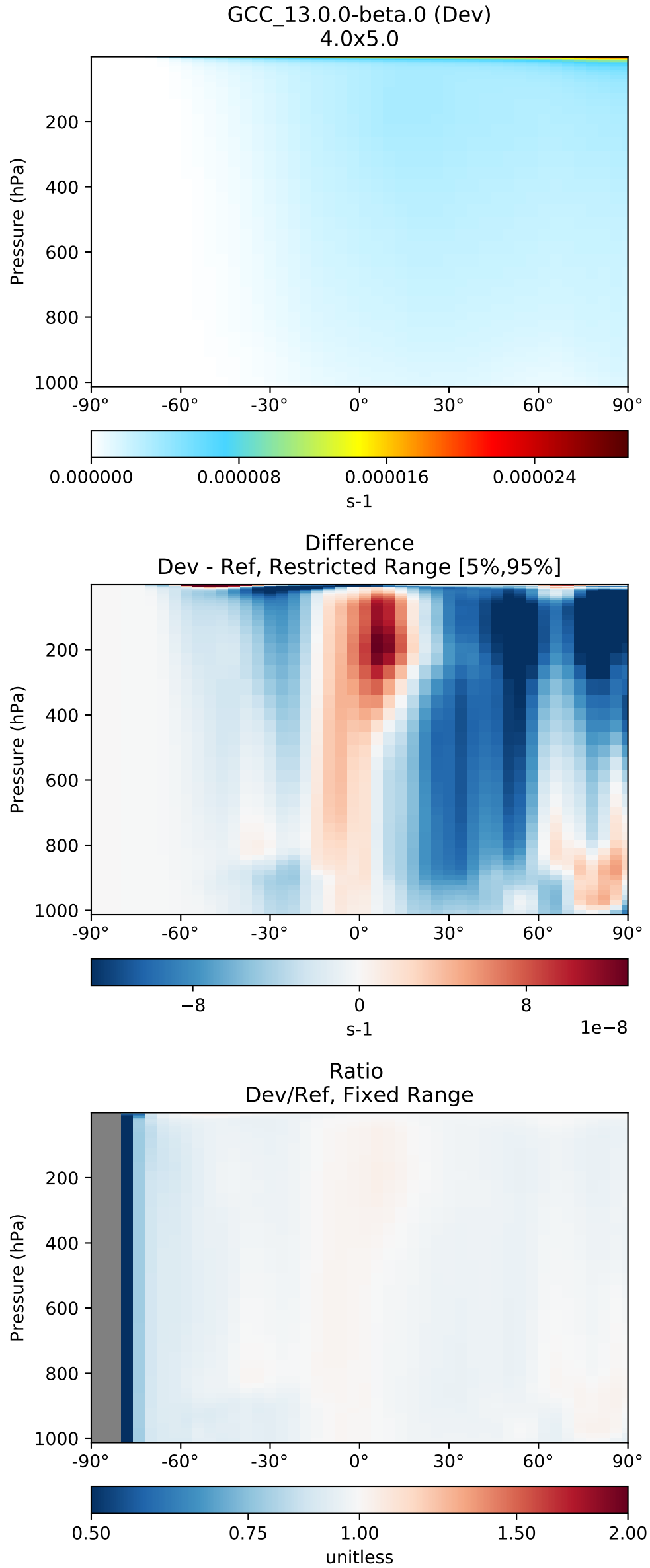



Ratio
Dev/Ref, Fixed Range

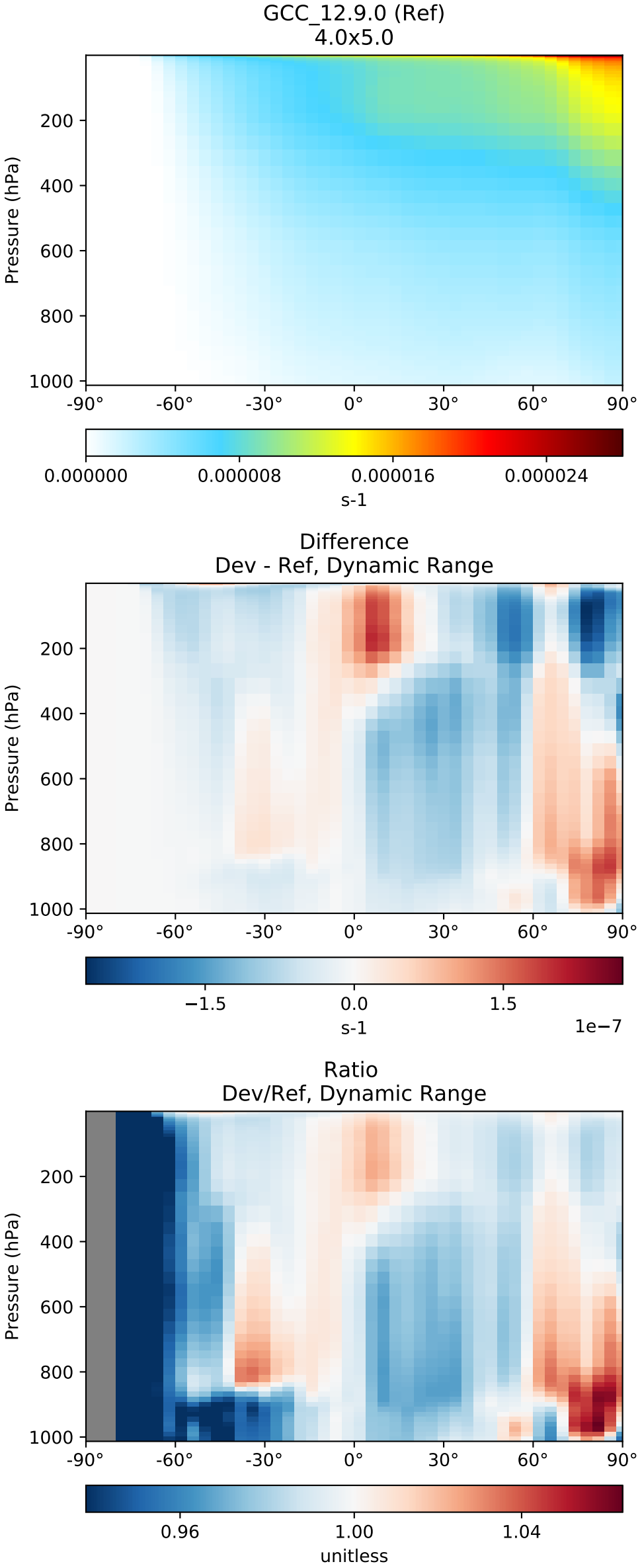


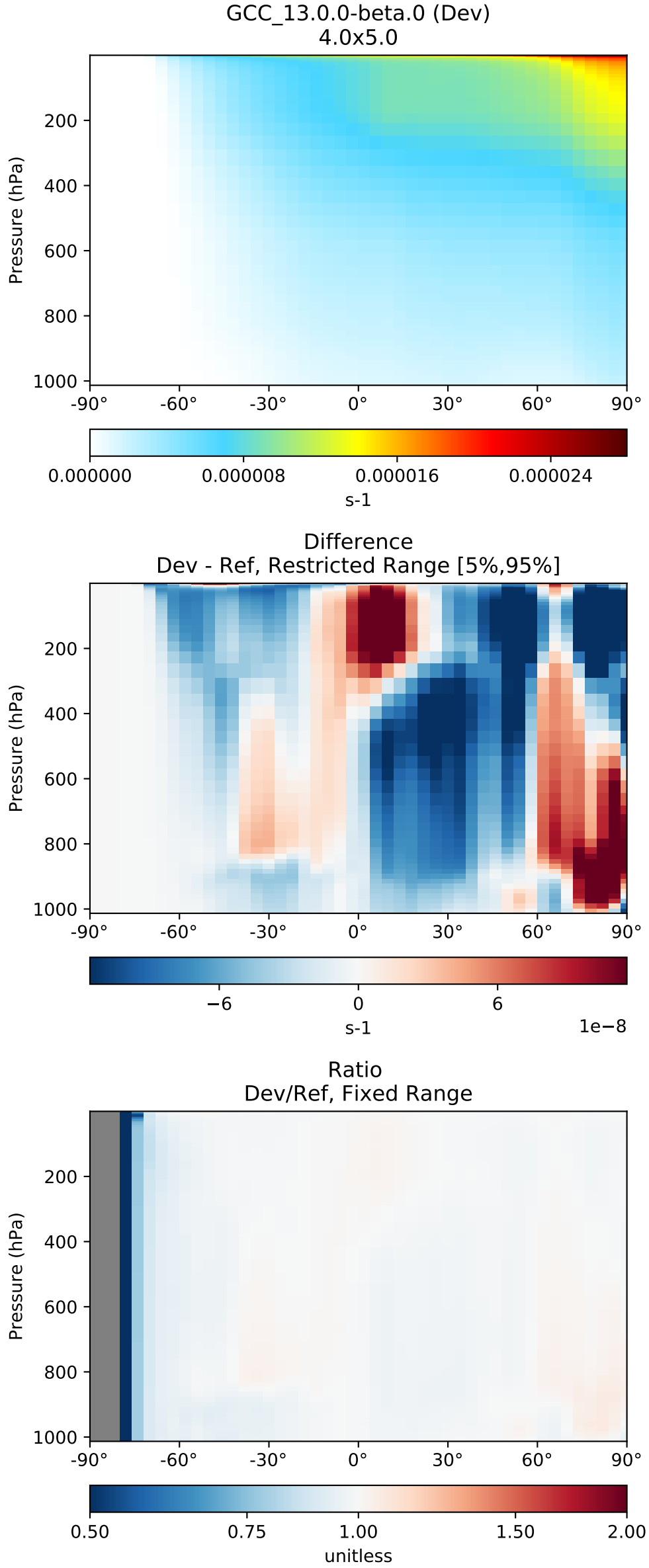
# Jval_MPN, Zonal Mean



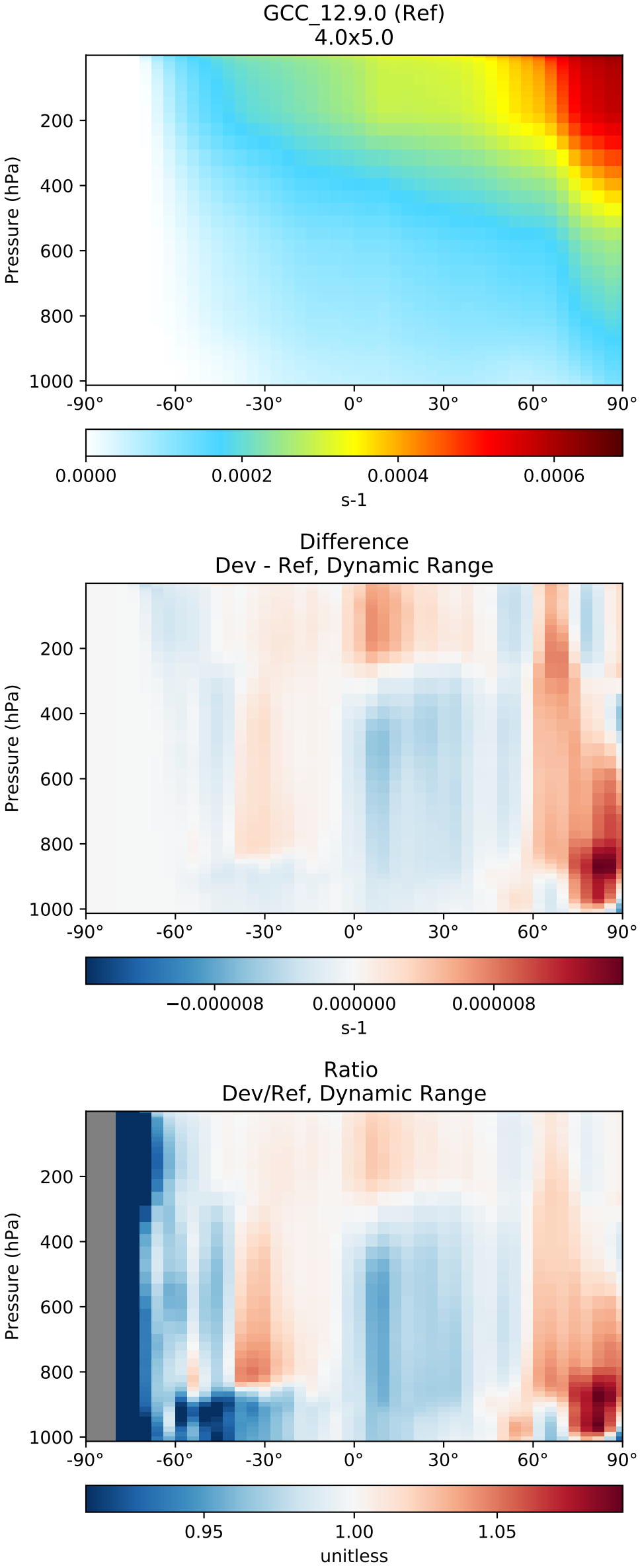



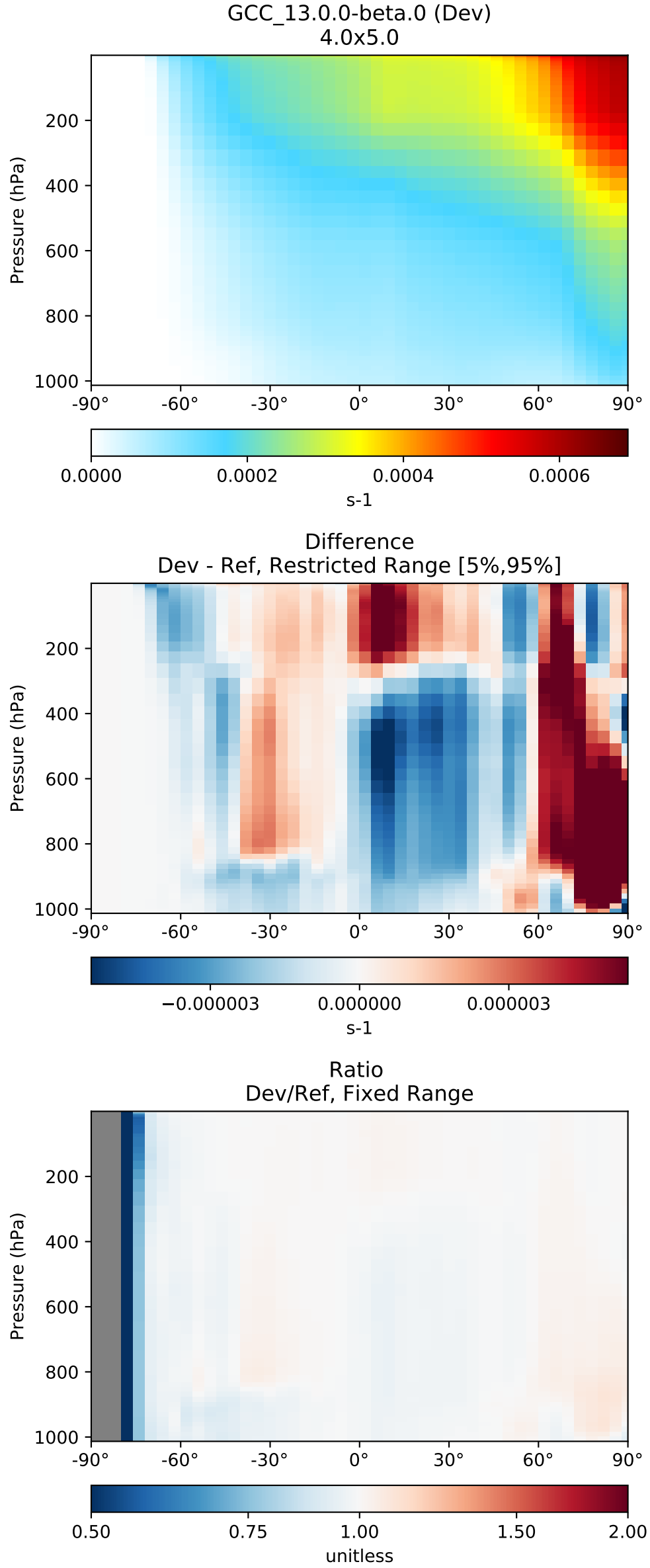
# Jval_MVK, Zonal Mean



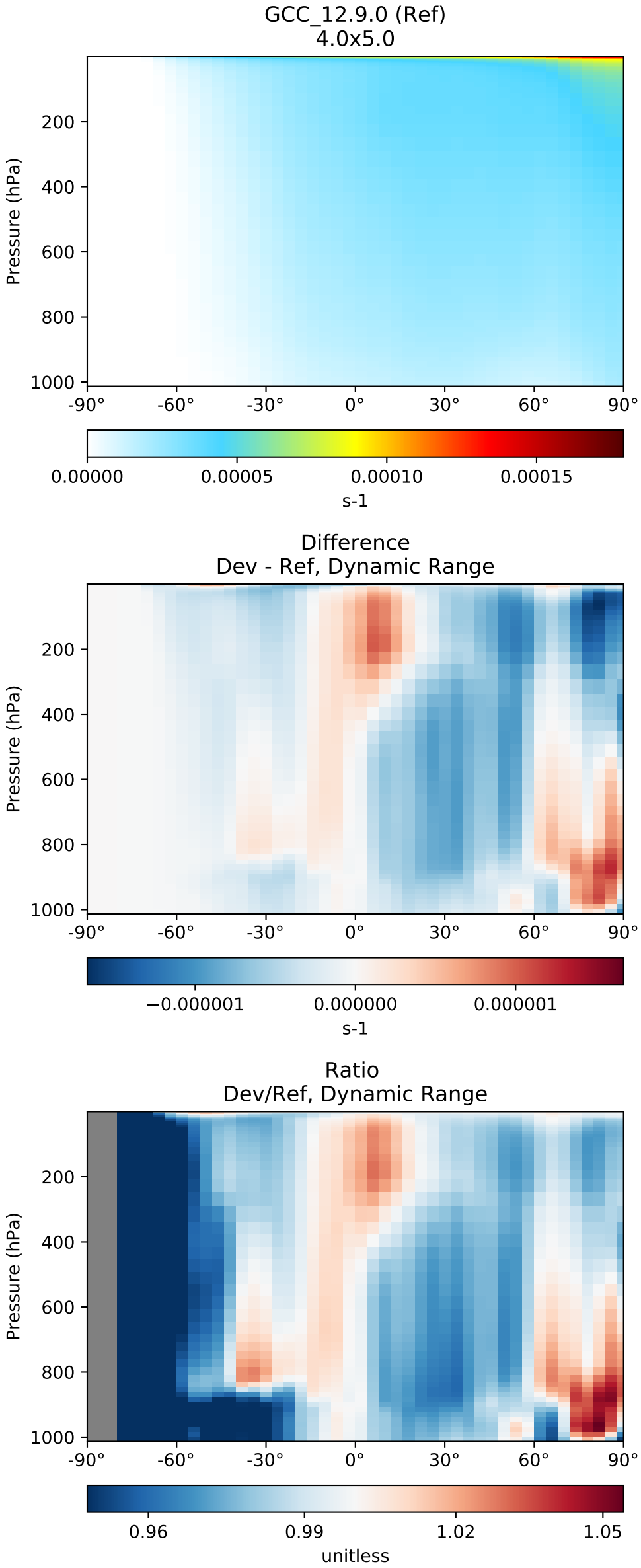



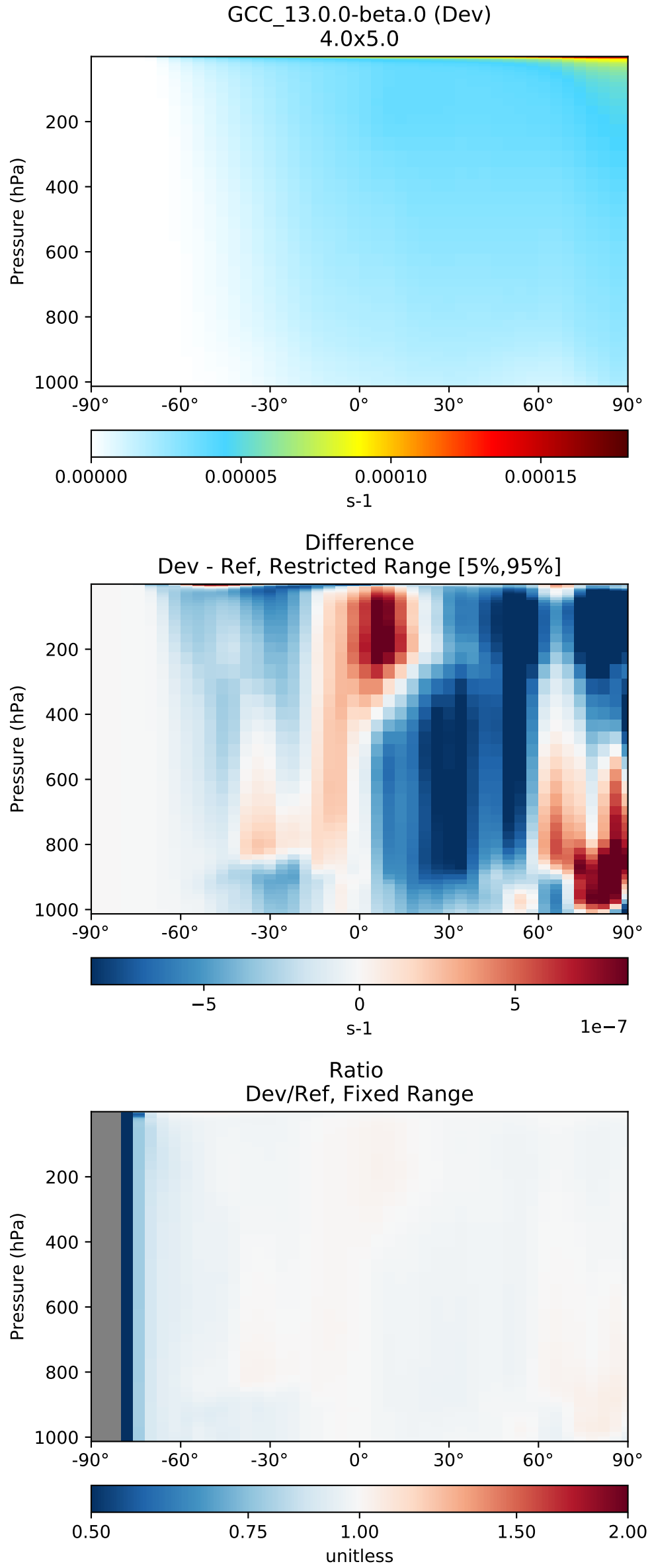
# Jval_MVKHC, Zonal Mean



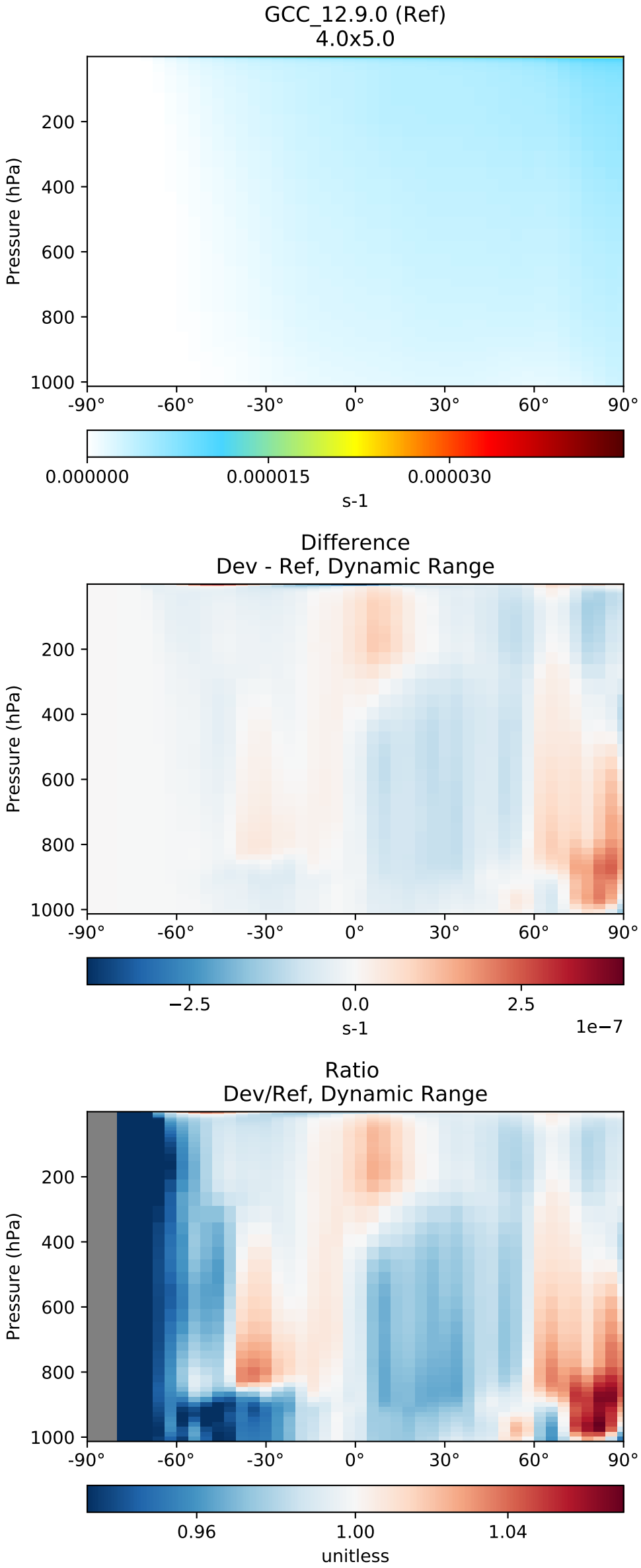



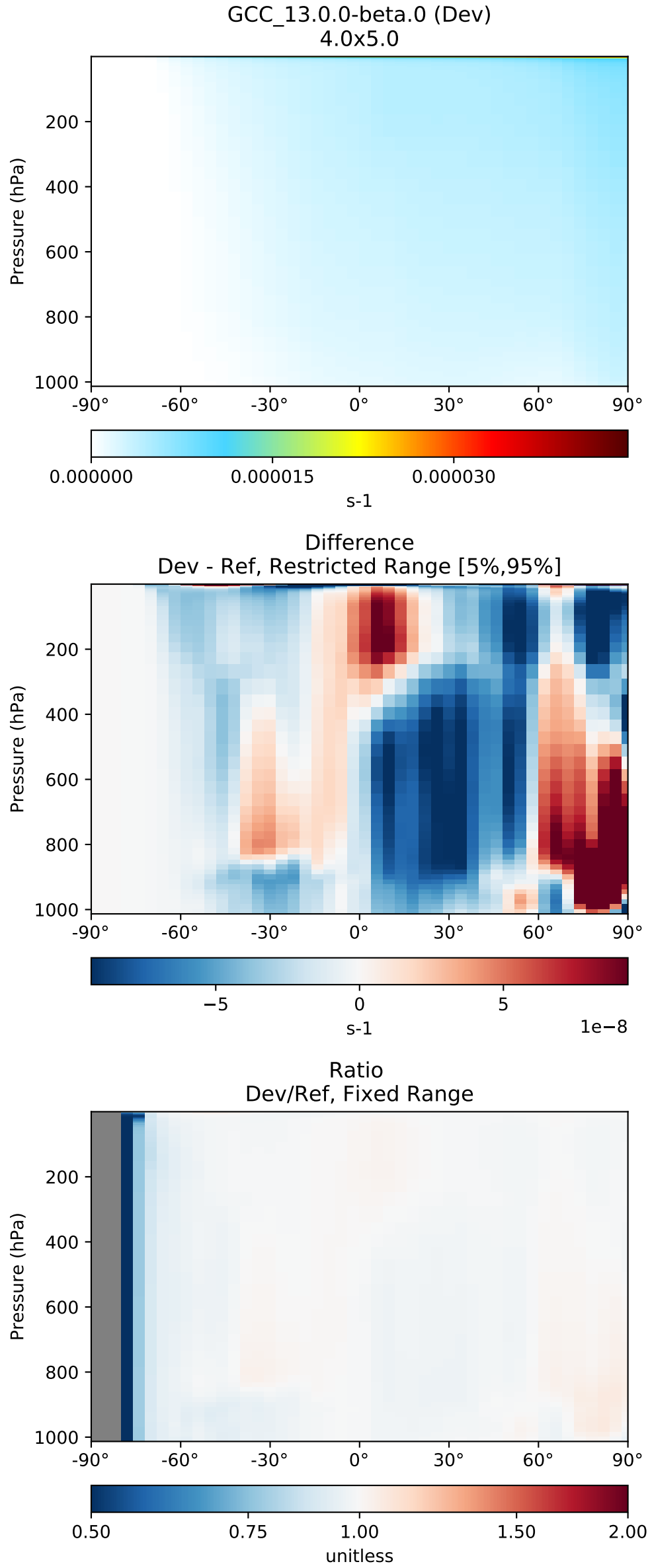
# Jval_MVKHCB, Zonal Mean



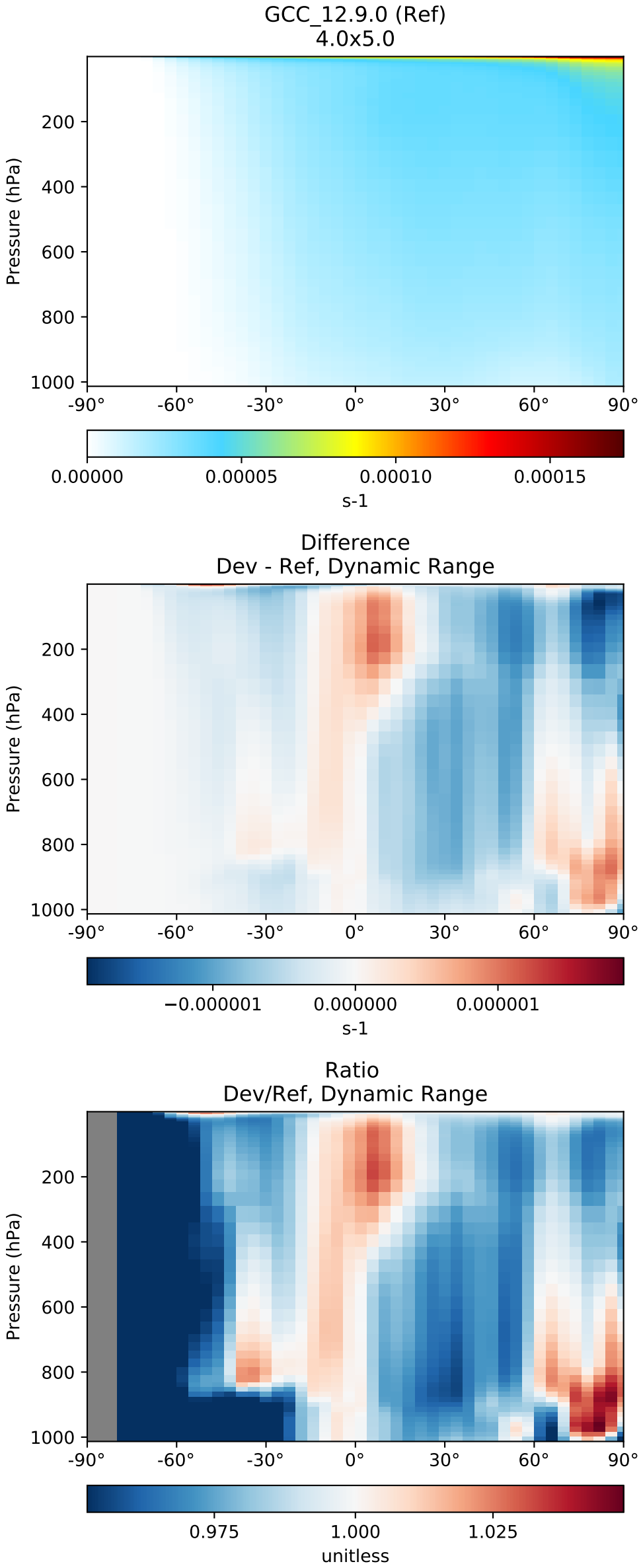



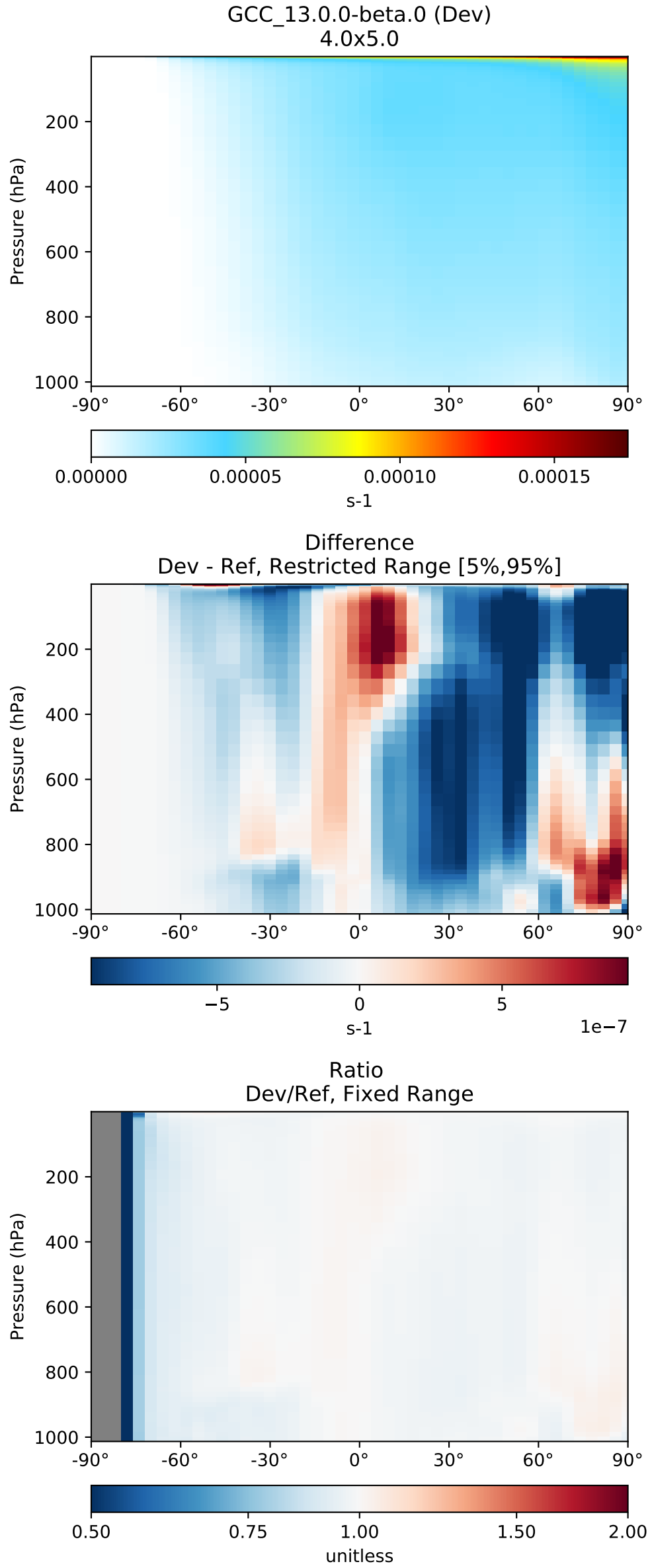
# Jval_MVKHP, Zonal Mean



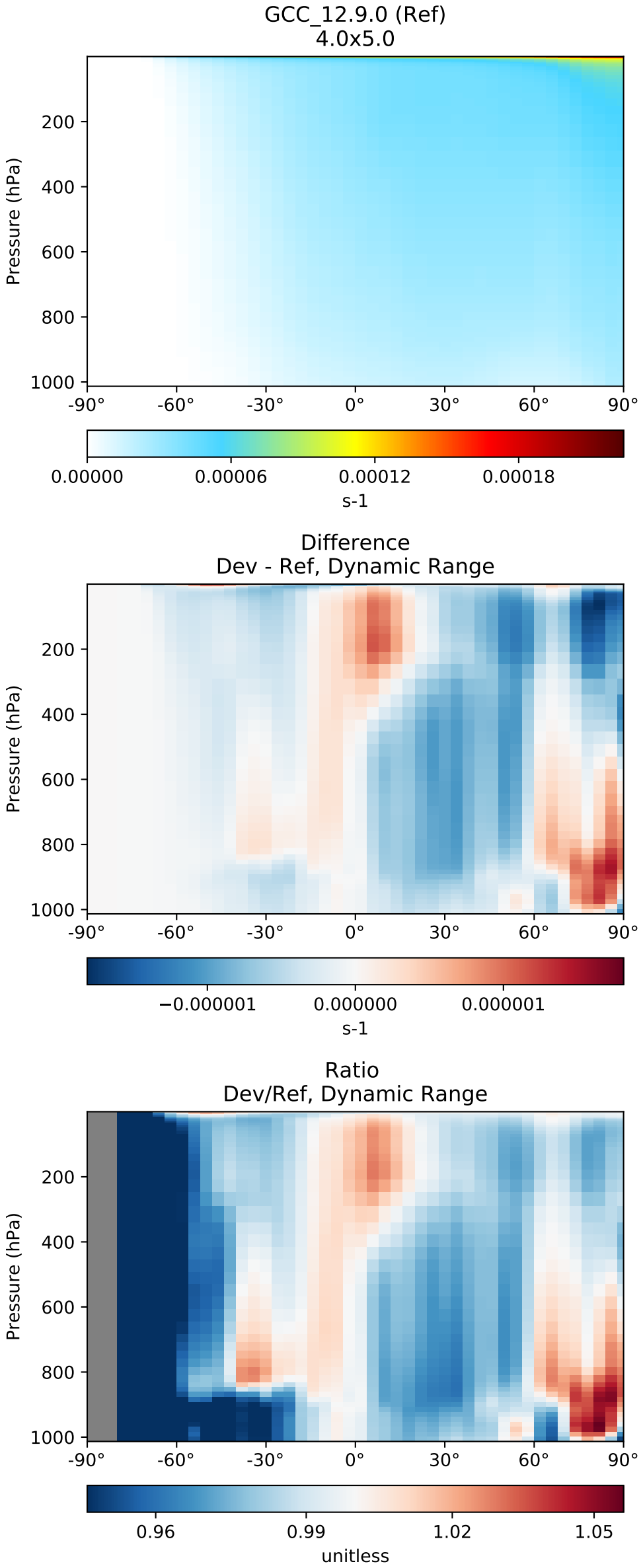



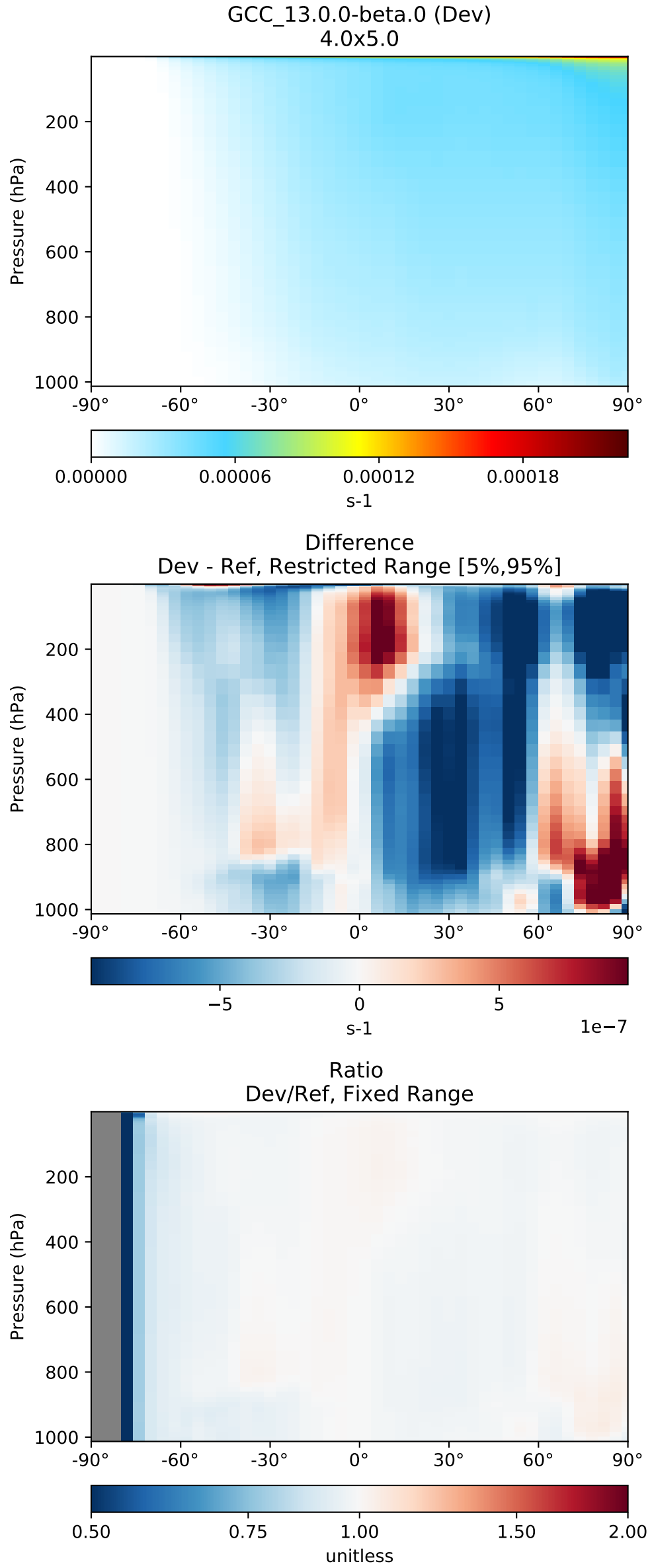
# Jval_MVKN, Zonal Mean



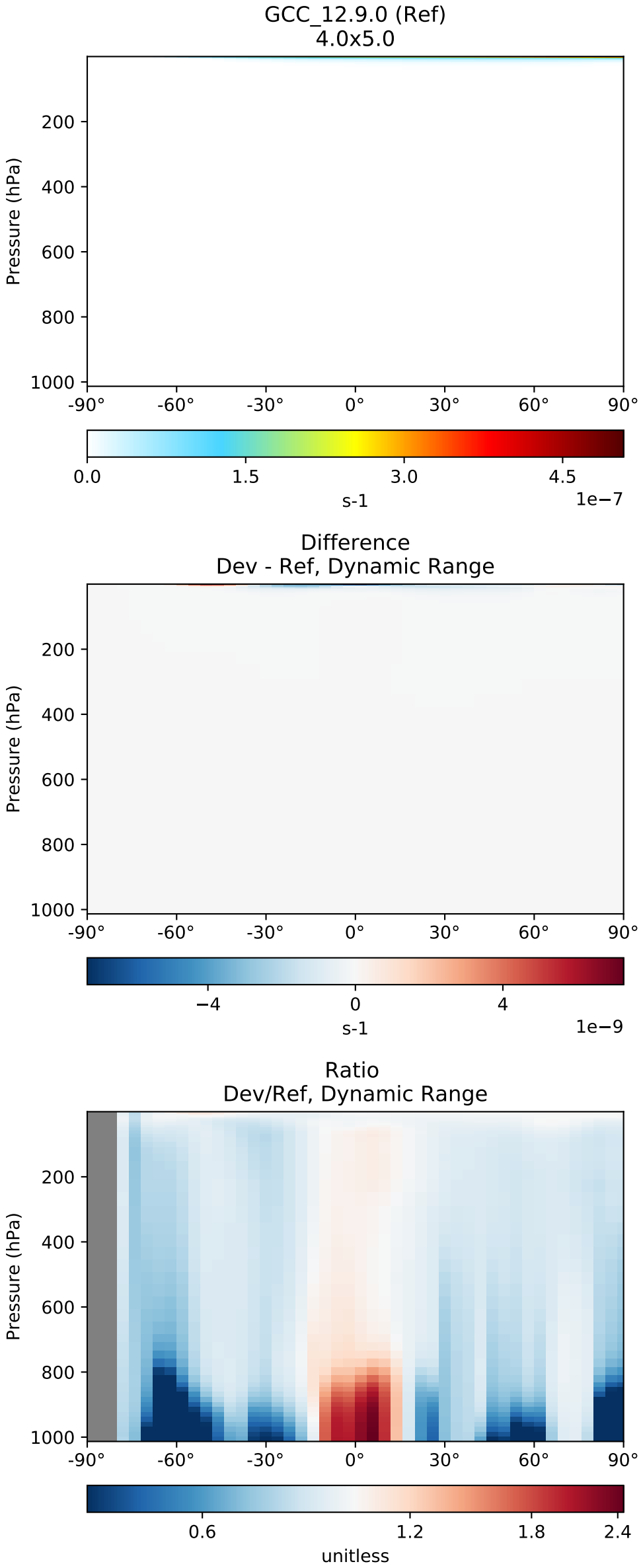



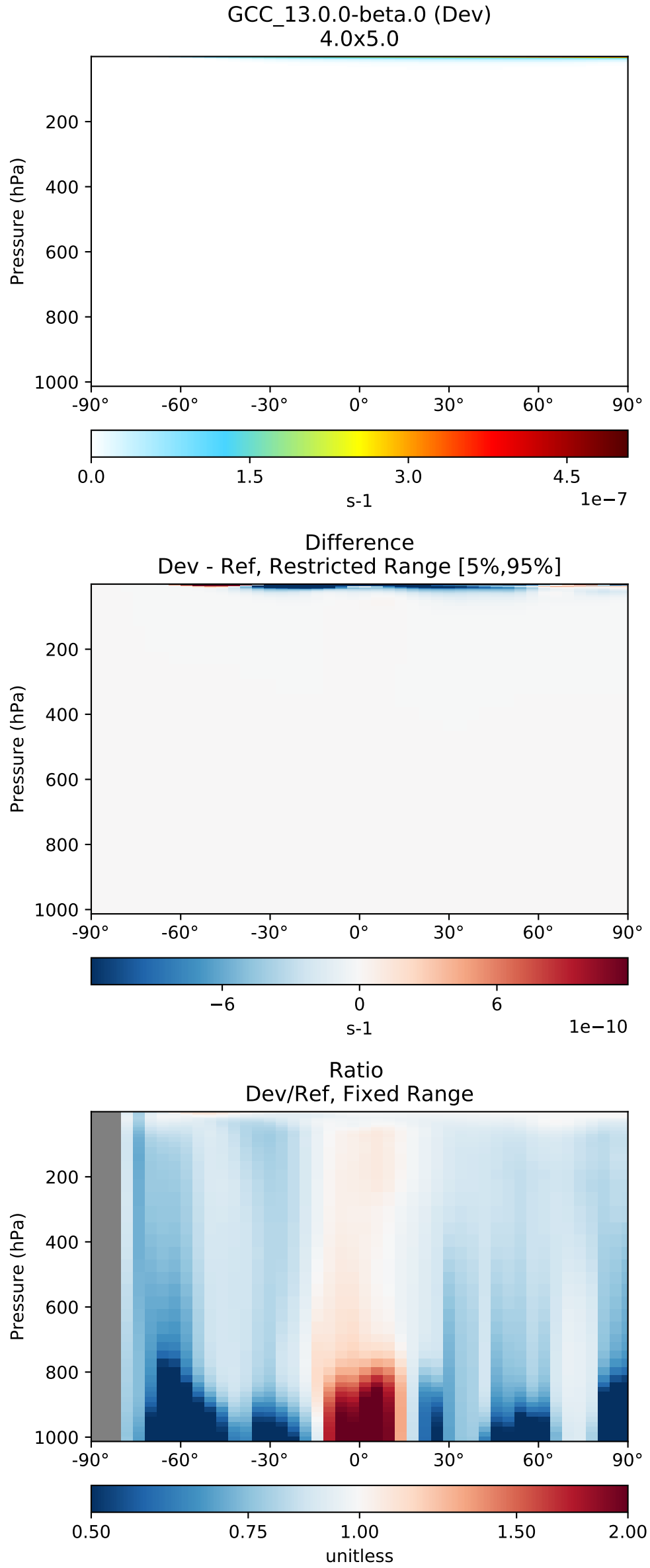
# Jval_MVKPC, Zonal Mean



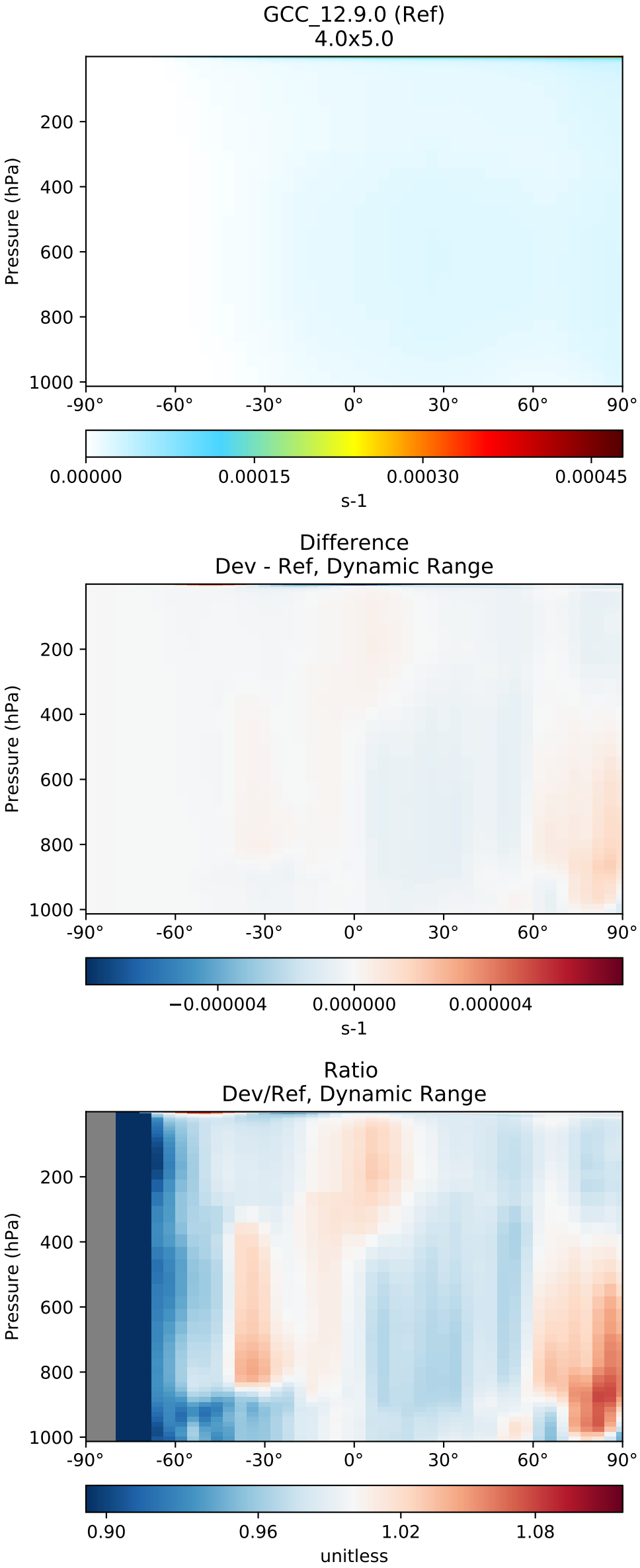



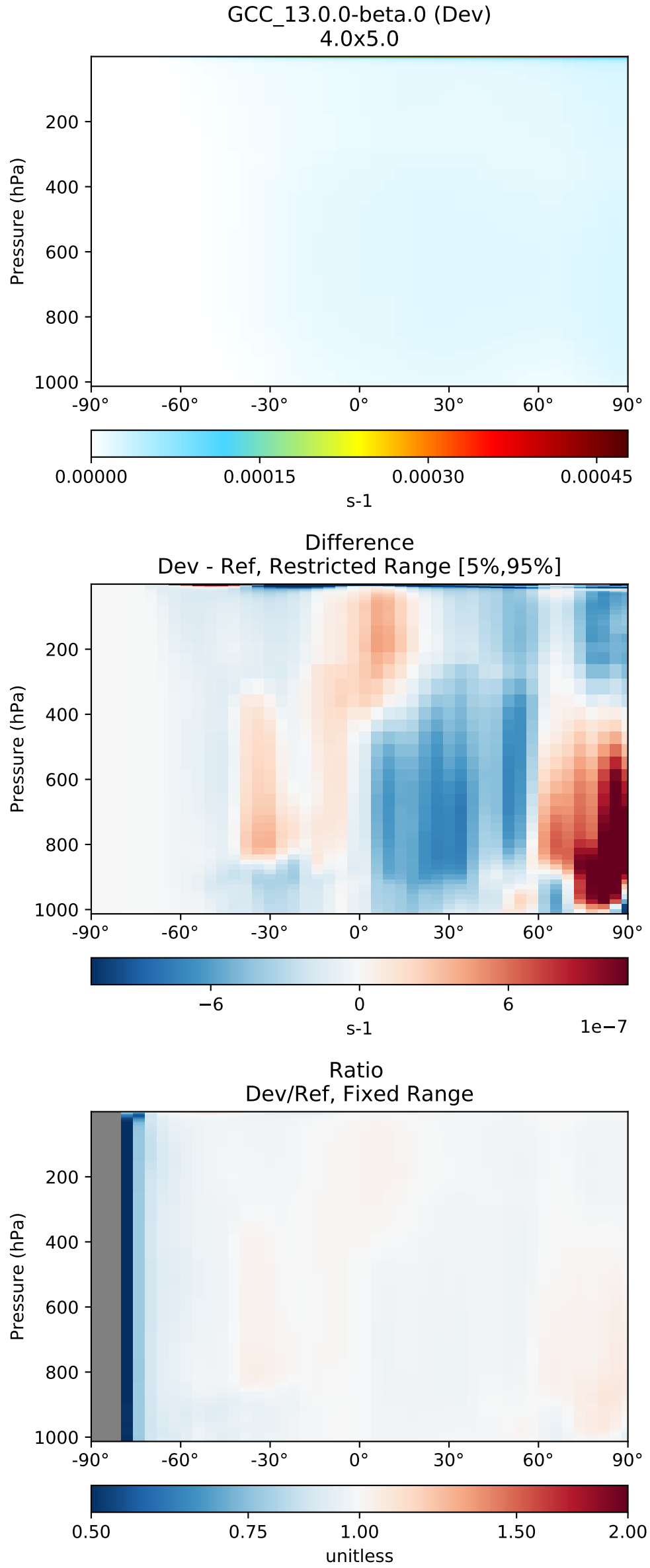
# Jval_N2O, Zonal Mean



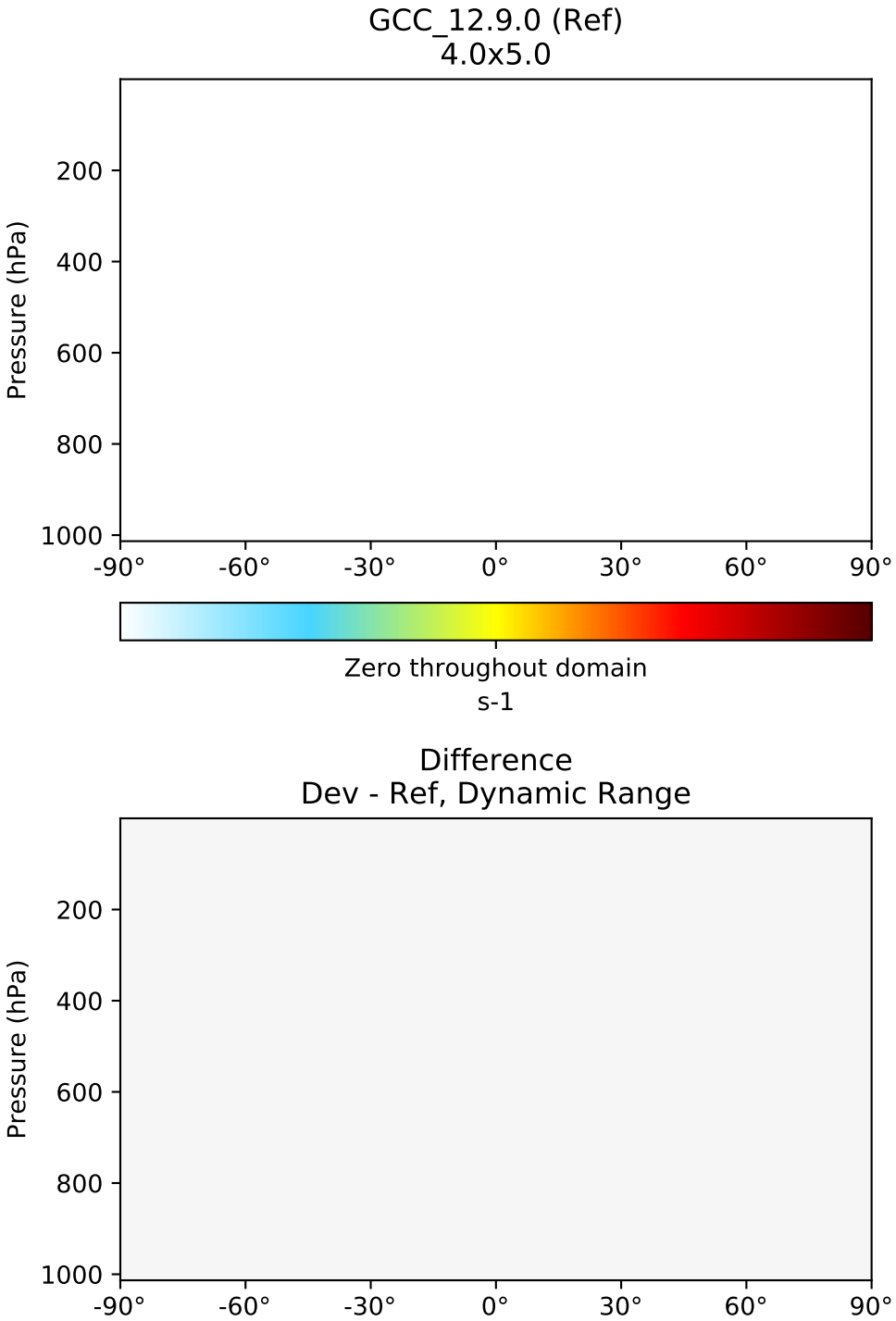



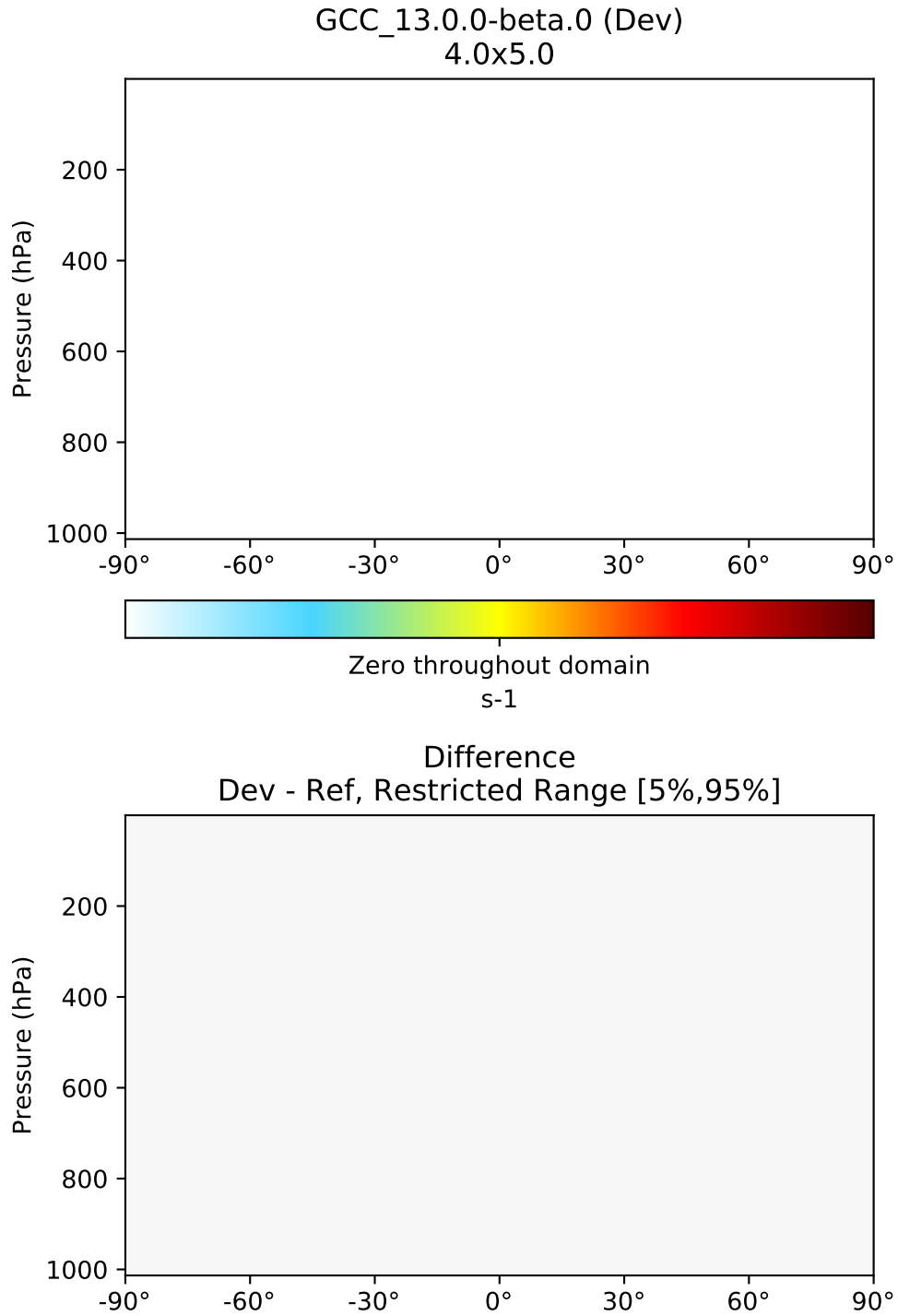
# Jval_N2O5, Zonal Mean

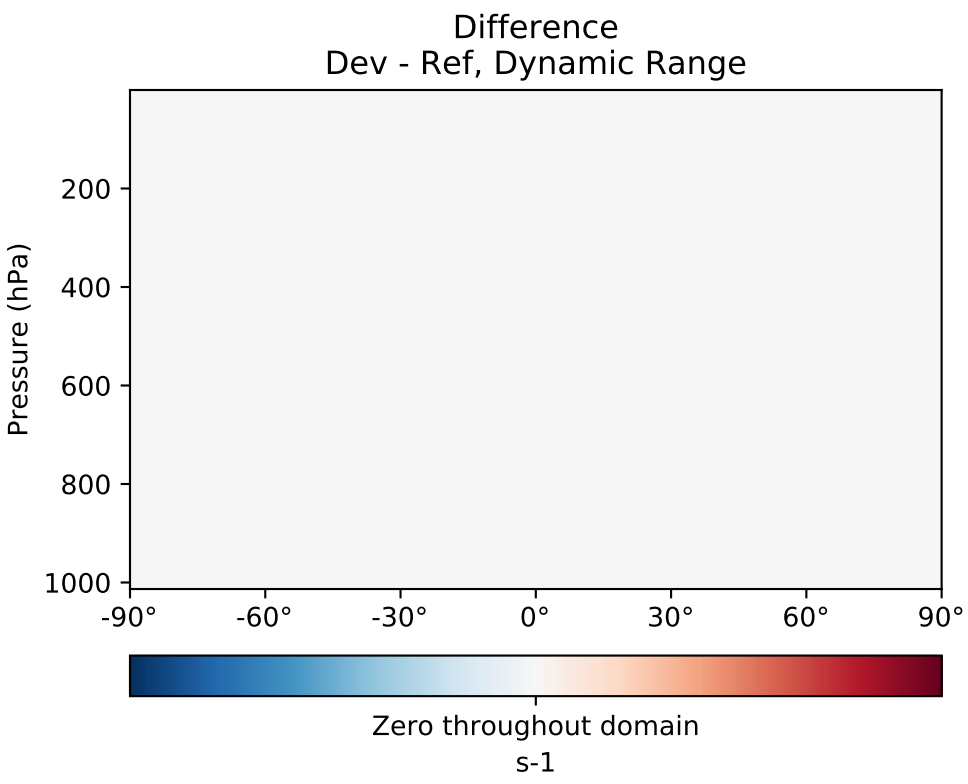


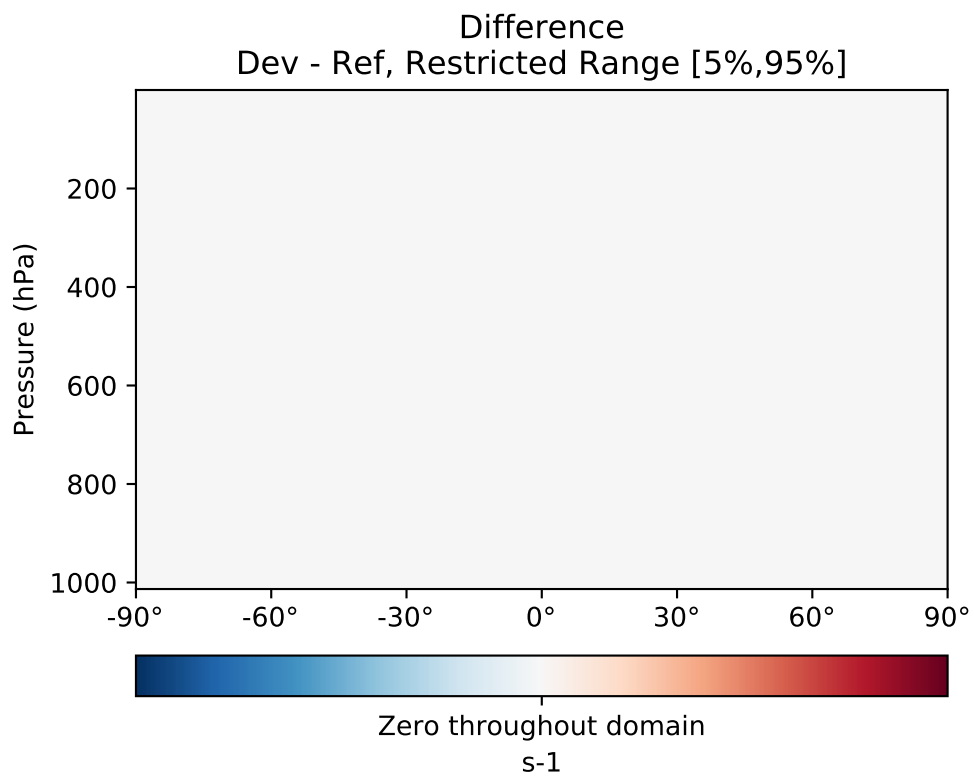



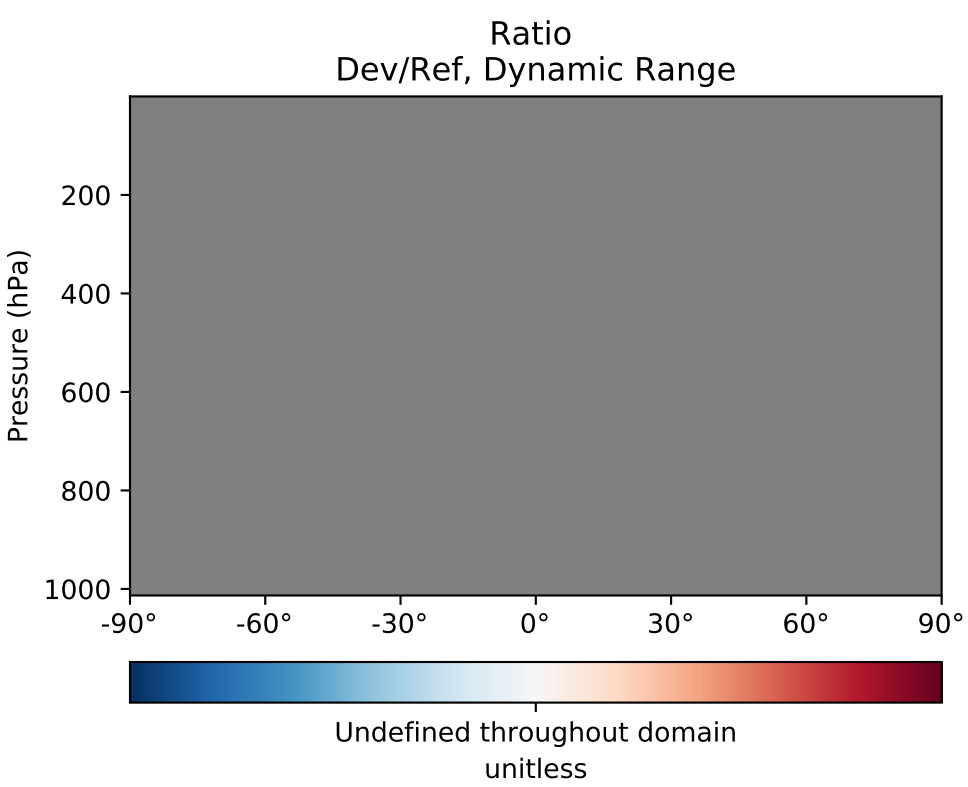
# Jval_NIT, Zonal Mean

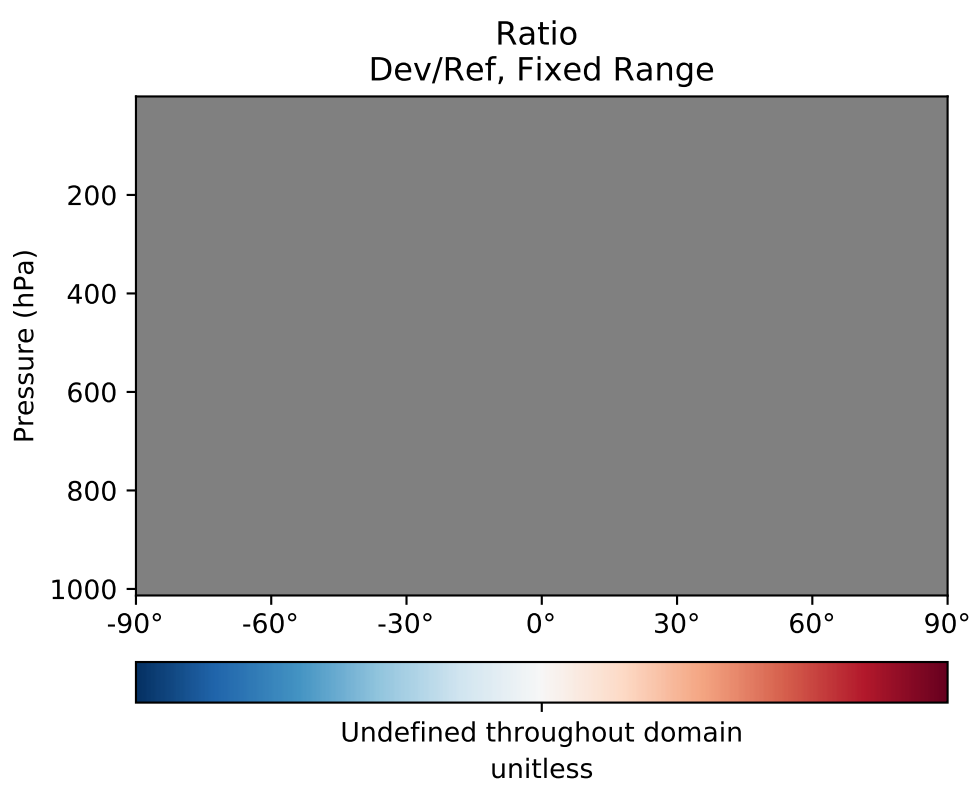


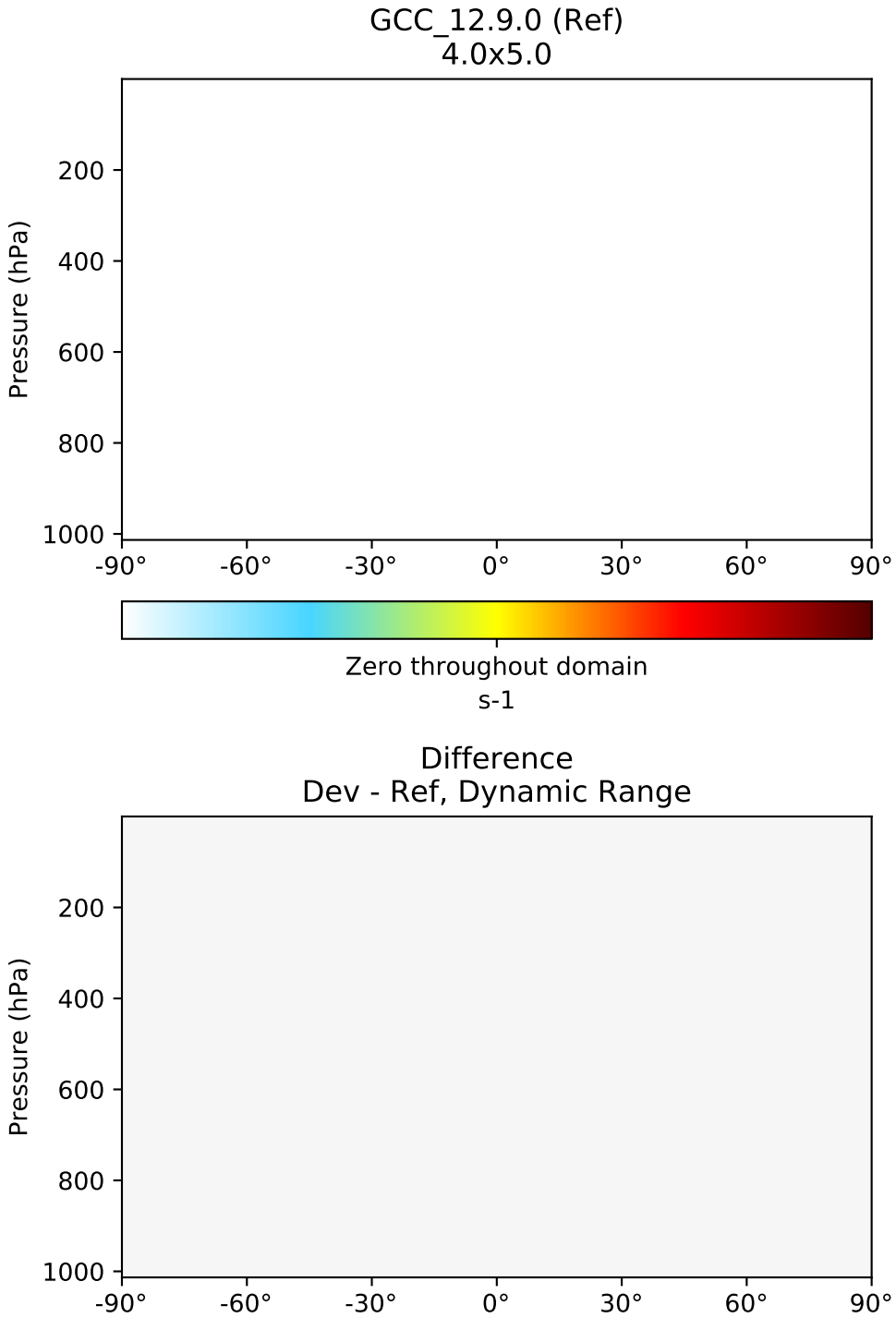



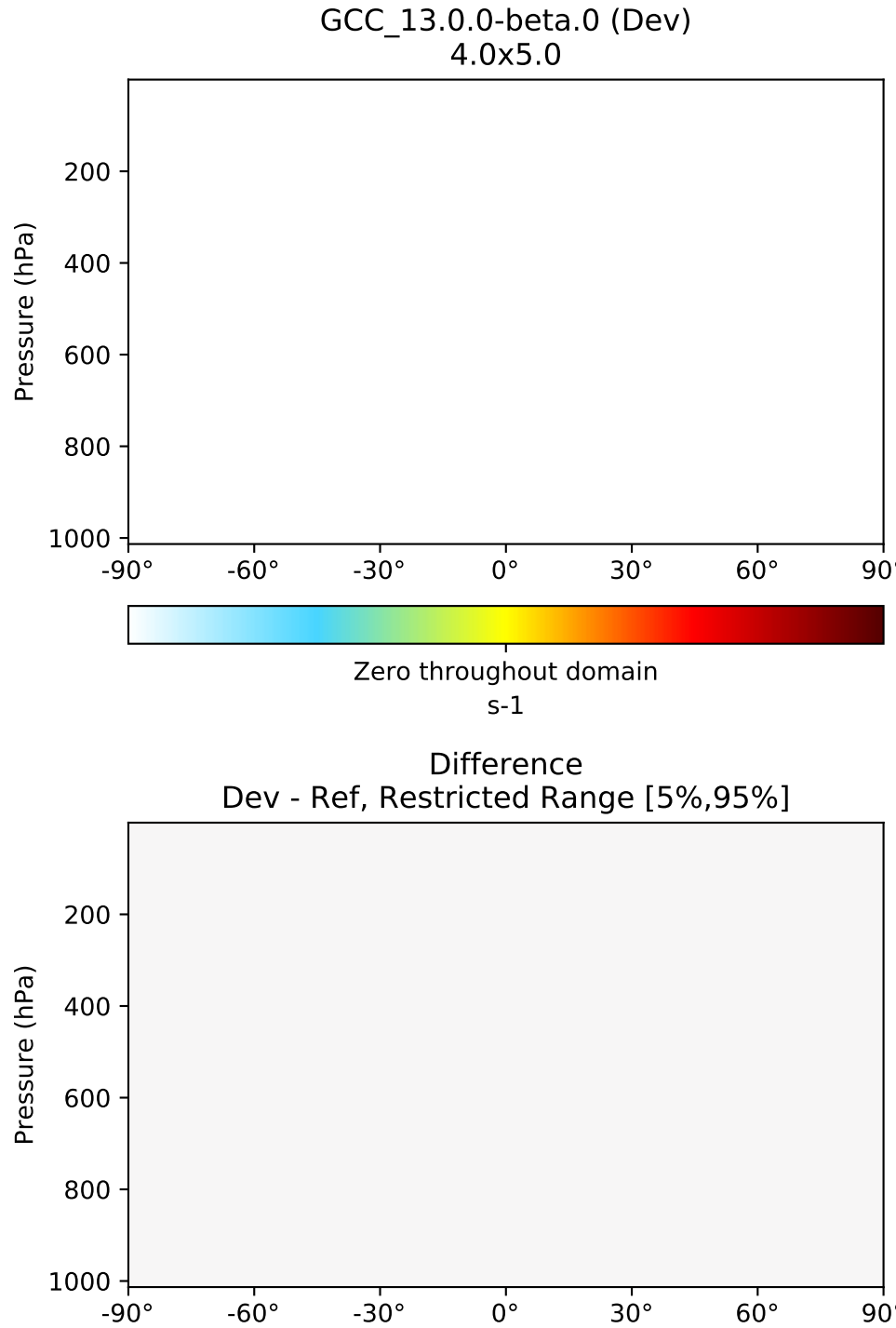



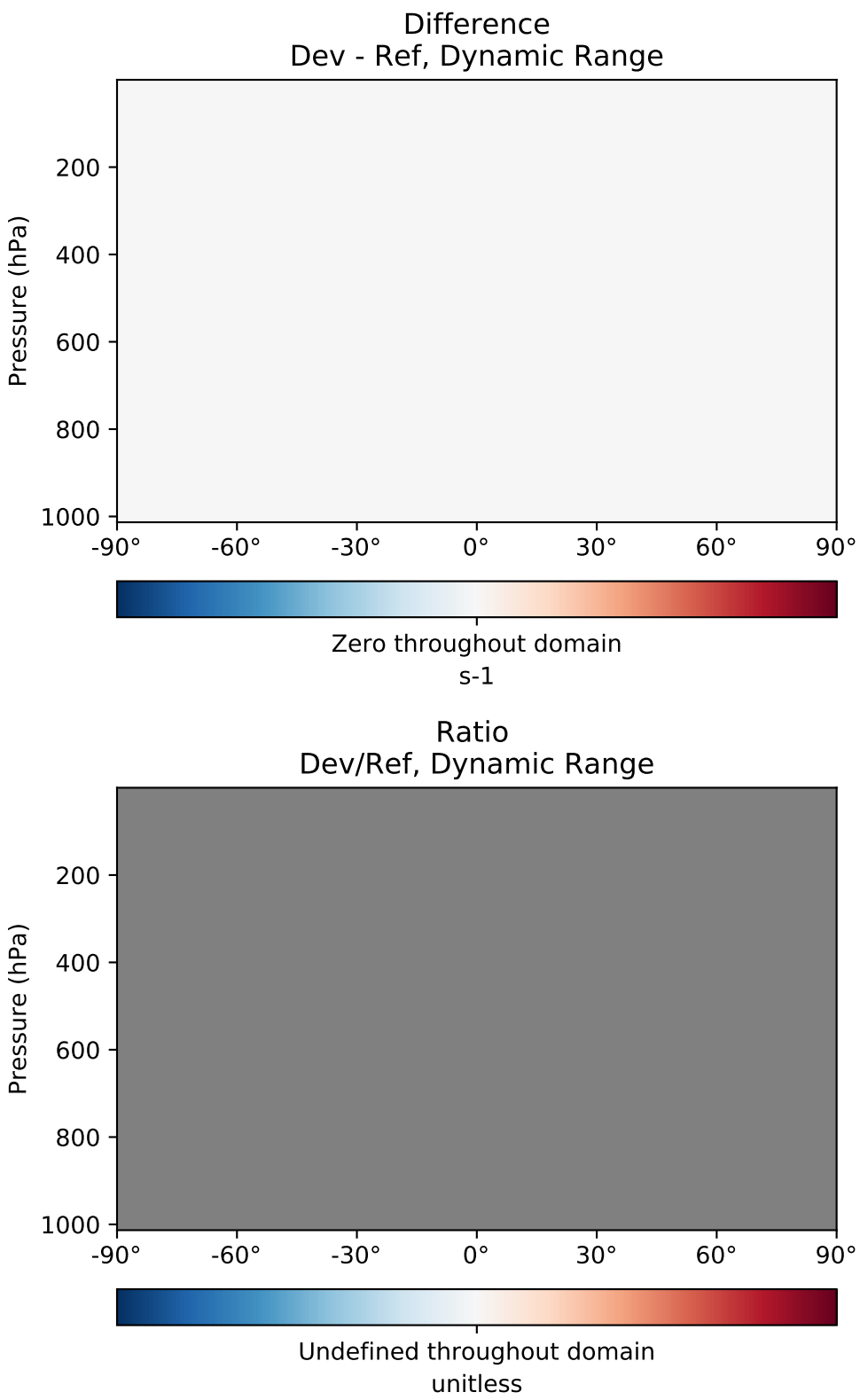



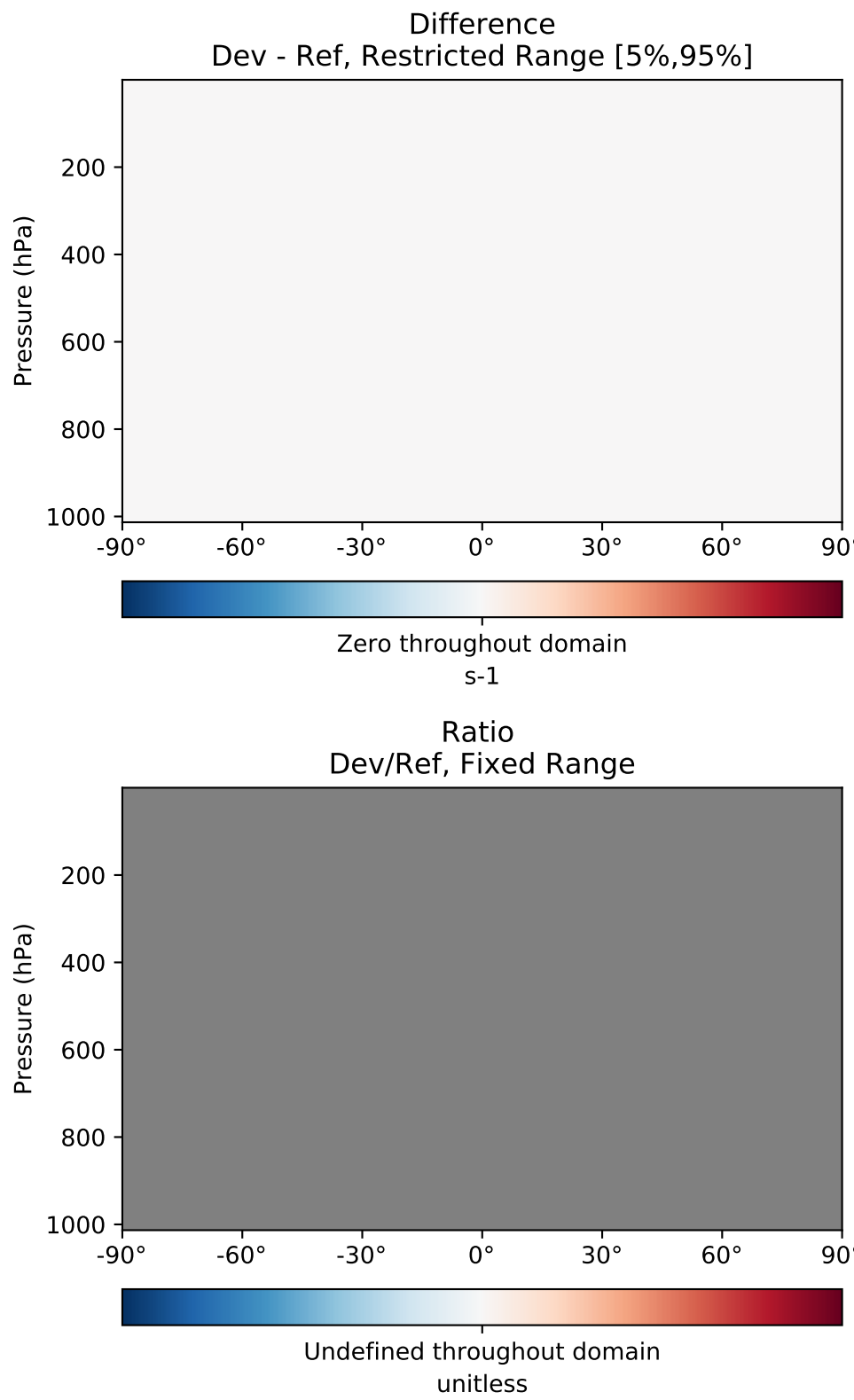



# Jval_NITs, Zonal Mean

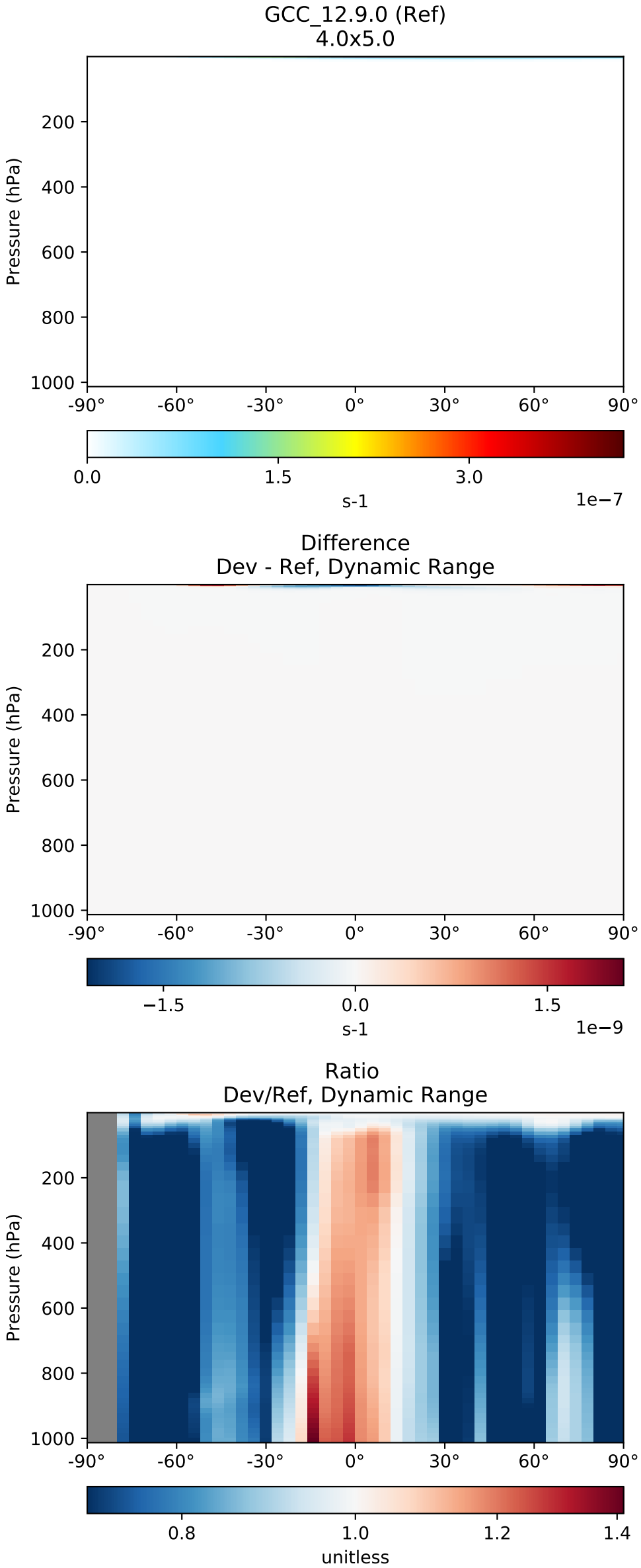


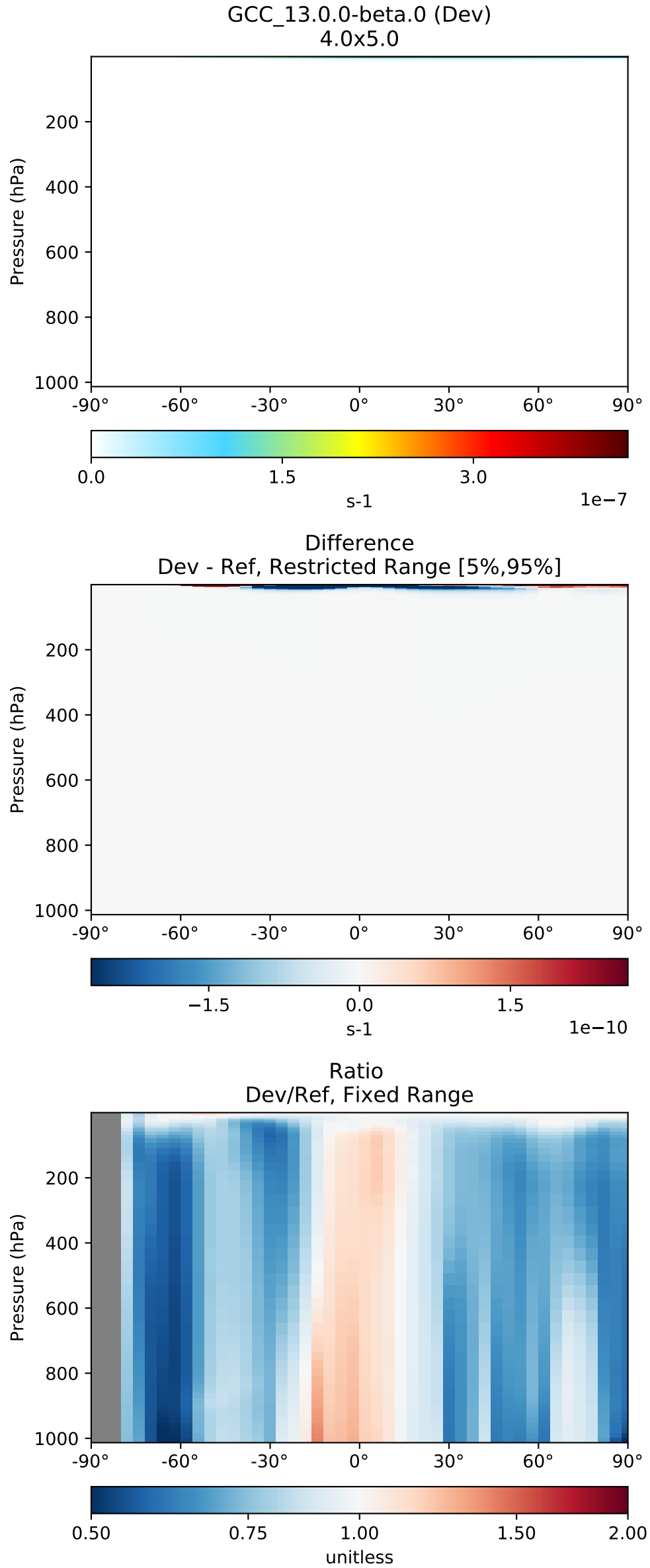



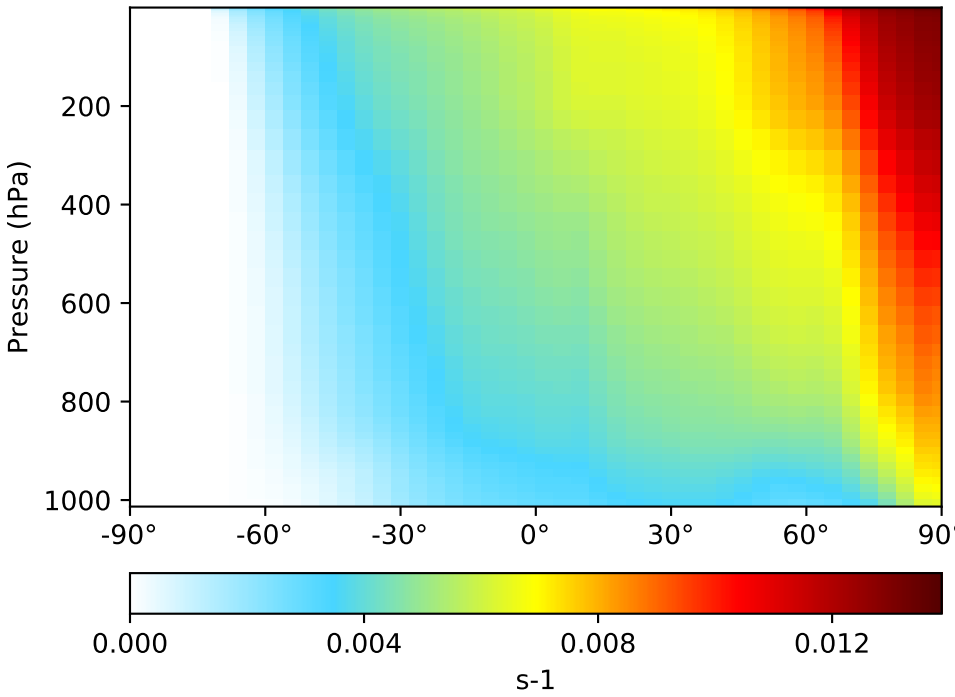
# Jval_NO, Zonal Mean



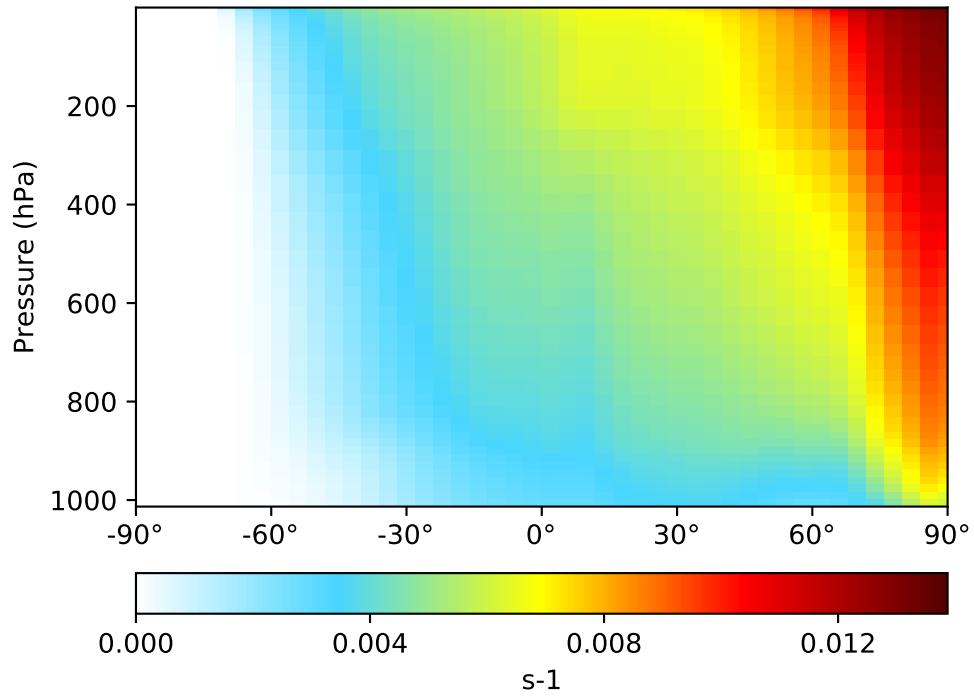



# Jval_NO2, Zonal Mean

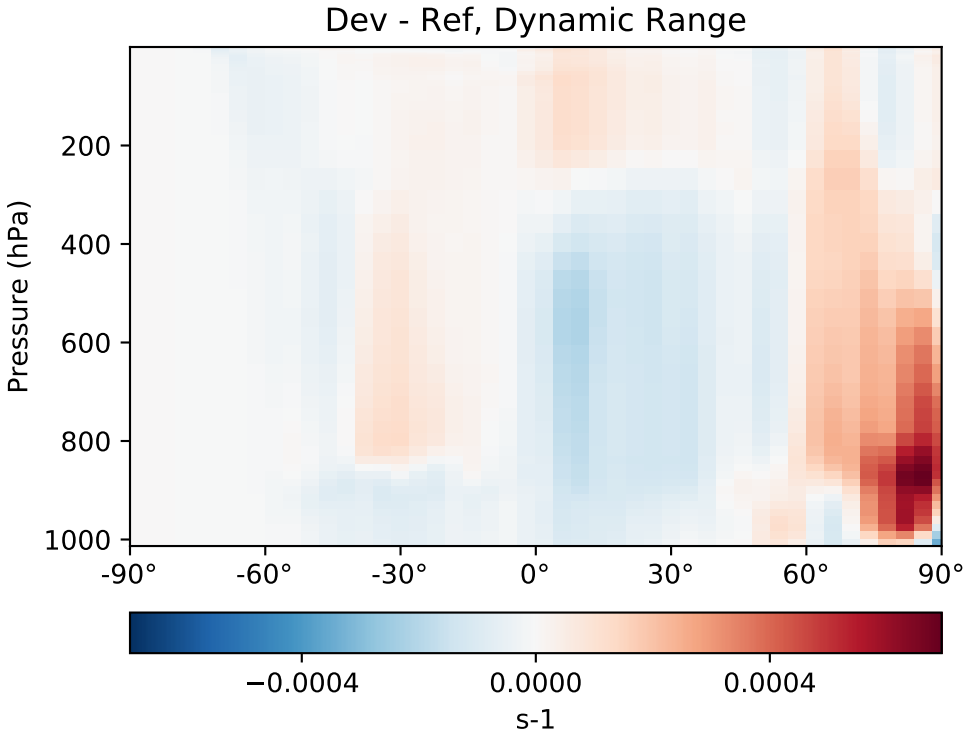
GCC_12.9.0 (Ref)
4.0x5.0



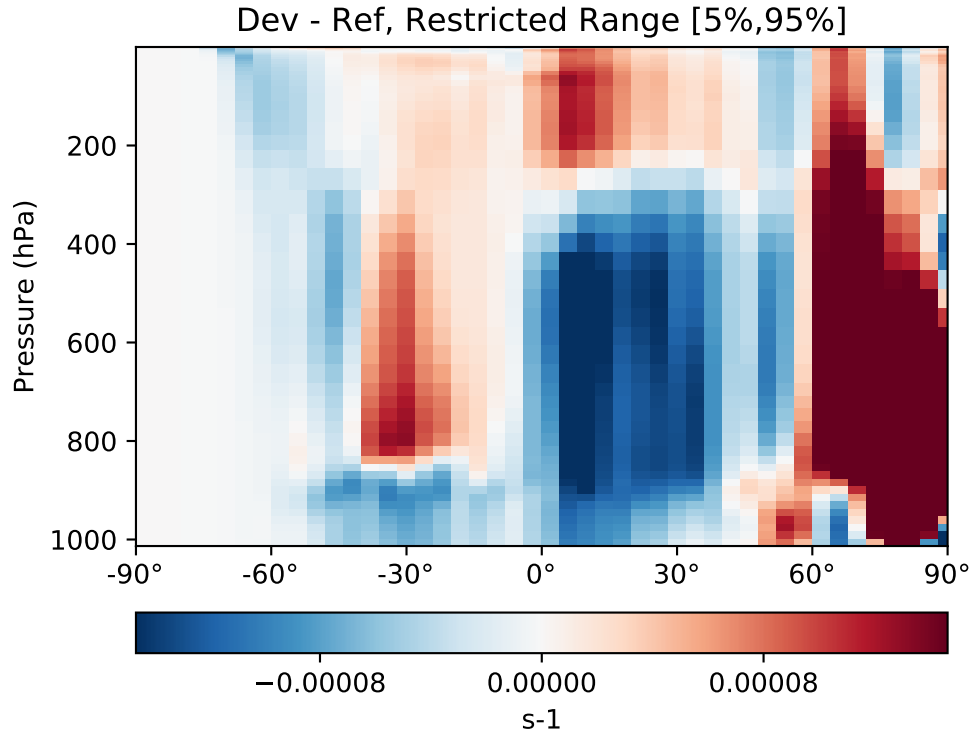

GCC_13.0.0-beta.0 (Dev)
4.0x5.0



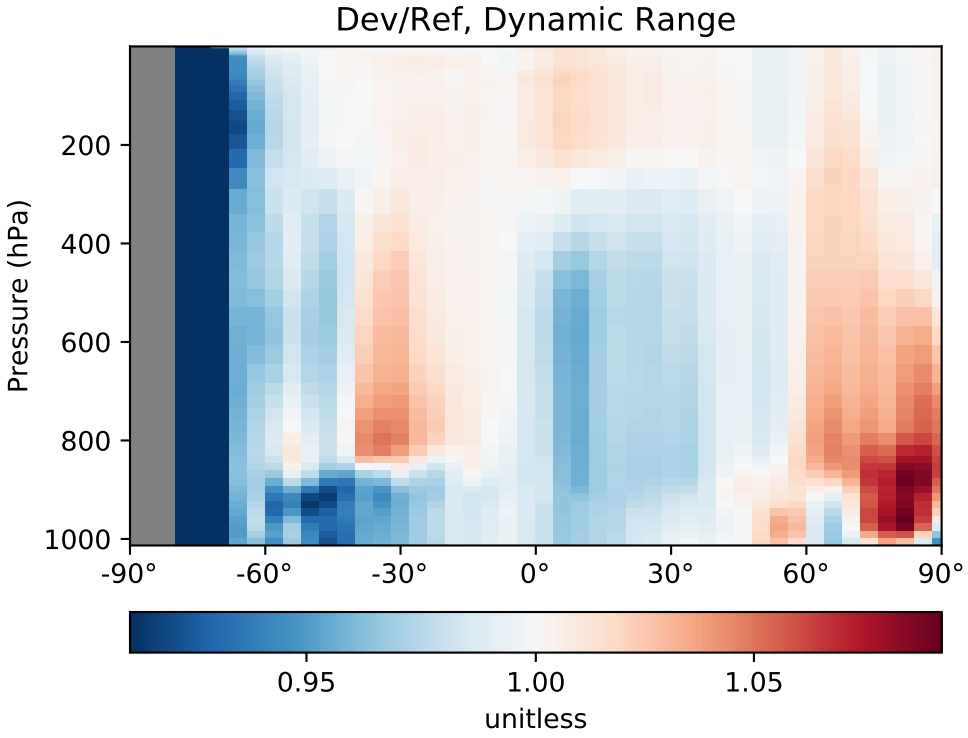

Difference
Dev - Ref, Dynamic Range



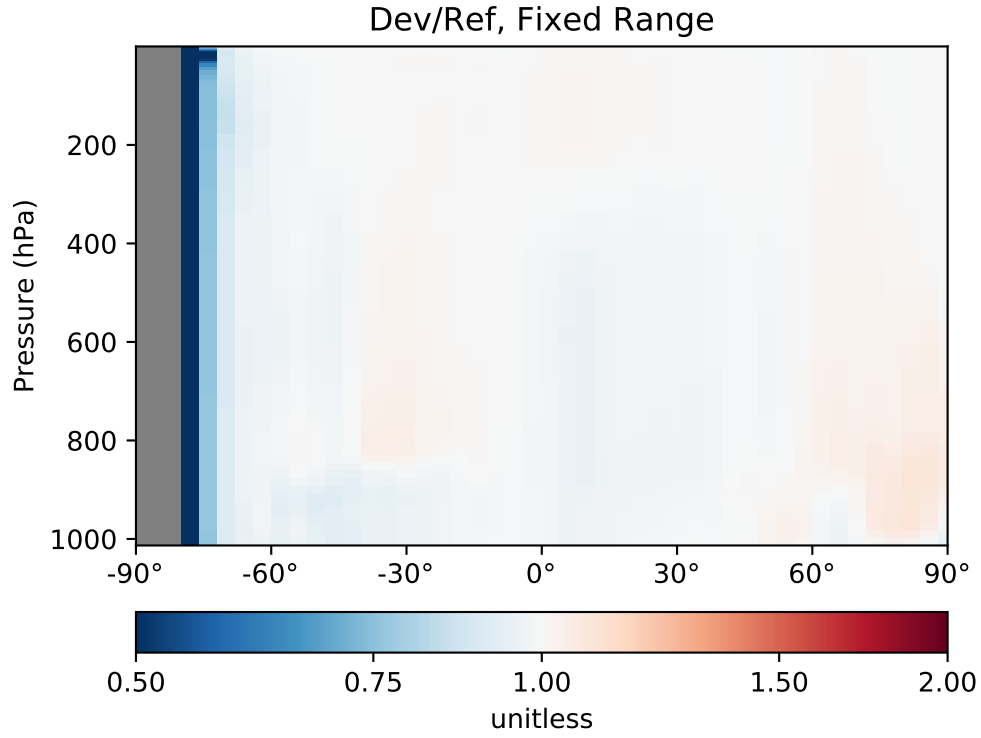

Difference
Dev - Ref, Restricted Range [5%,95%]



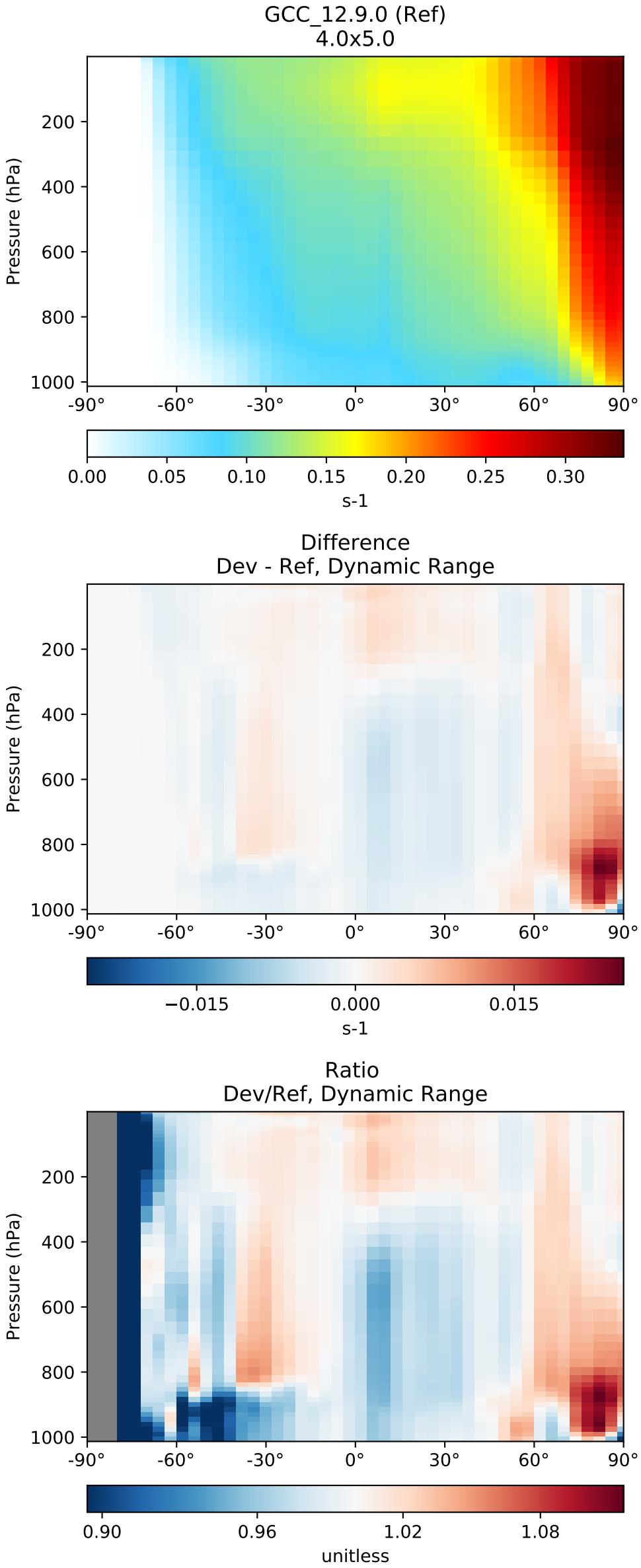

Ratio
Dev/Ref, Dynamic Range

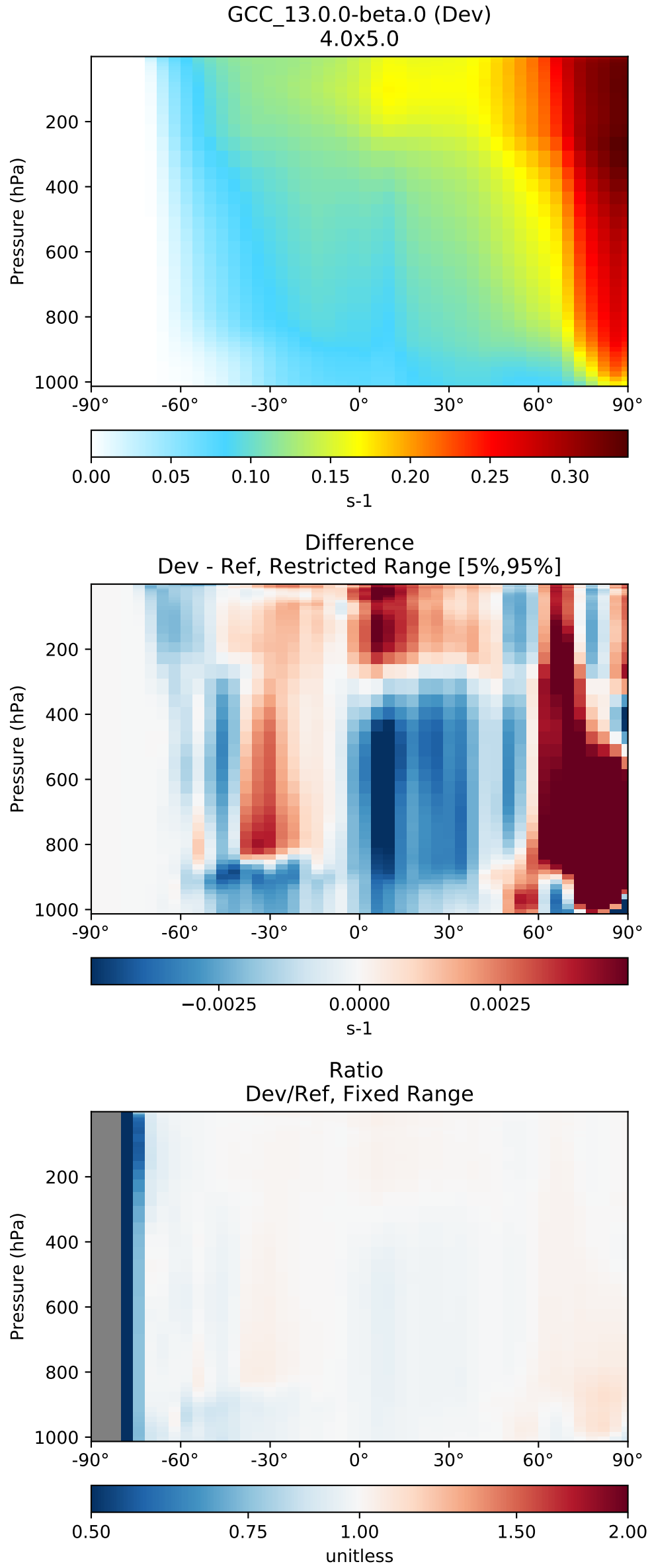



Ratio
Dev/Ref, Fixed Range

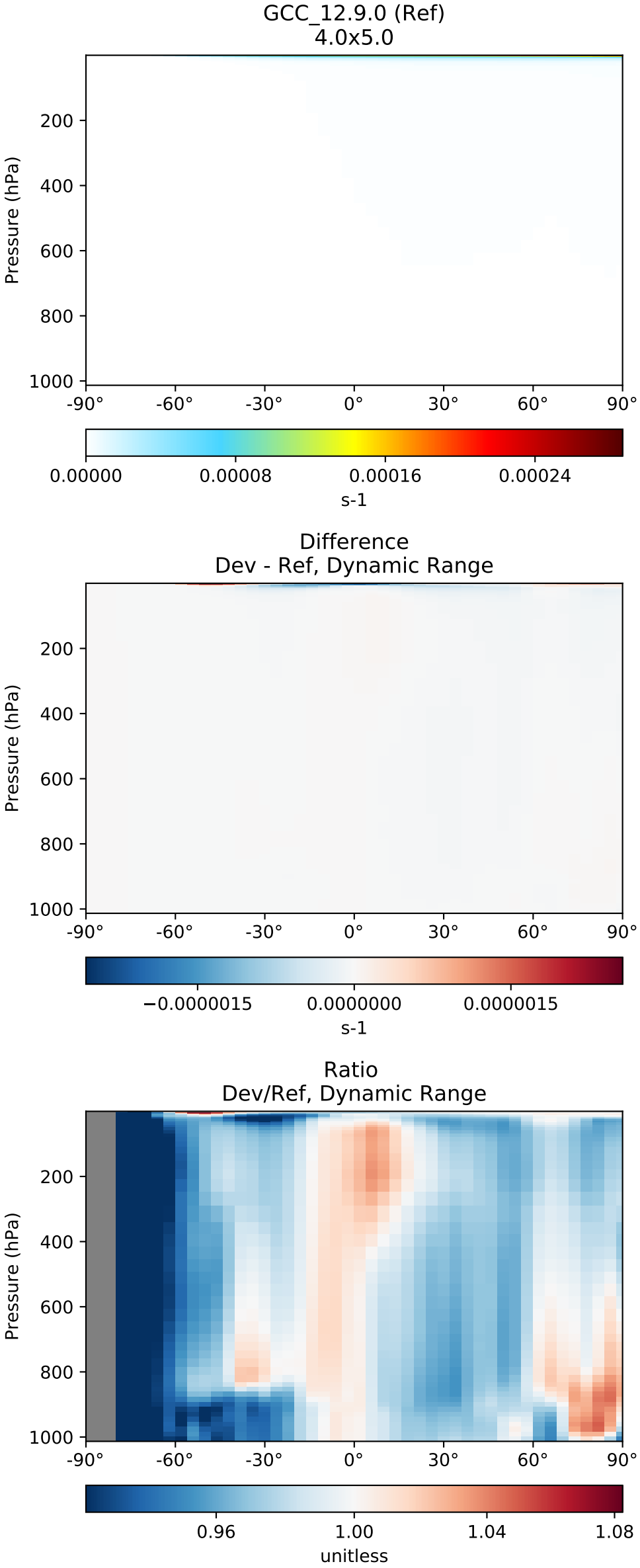


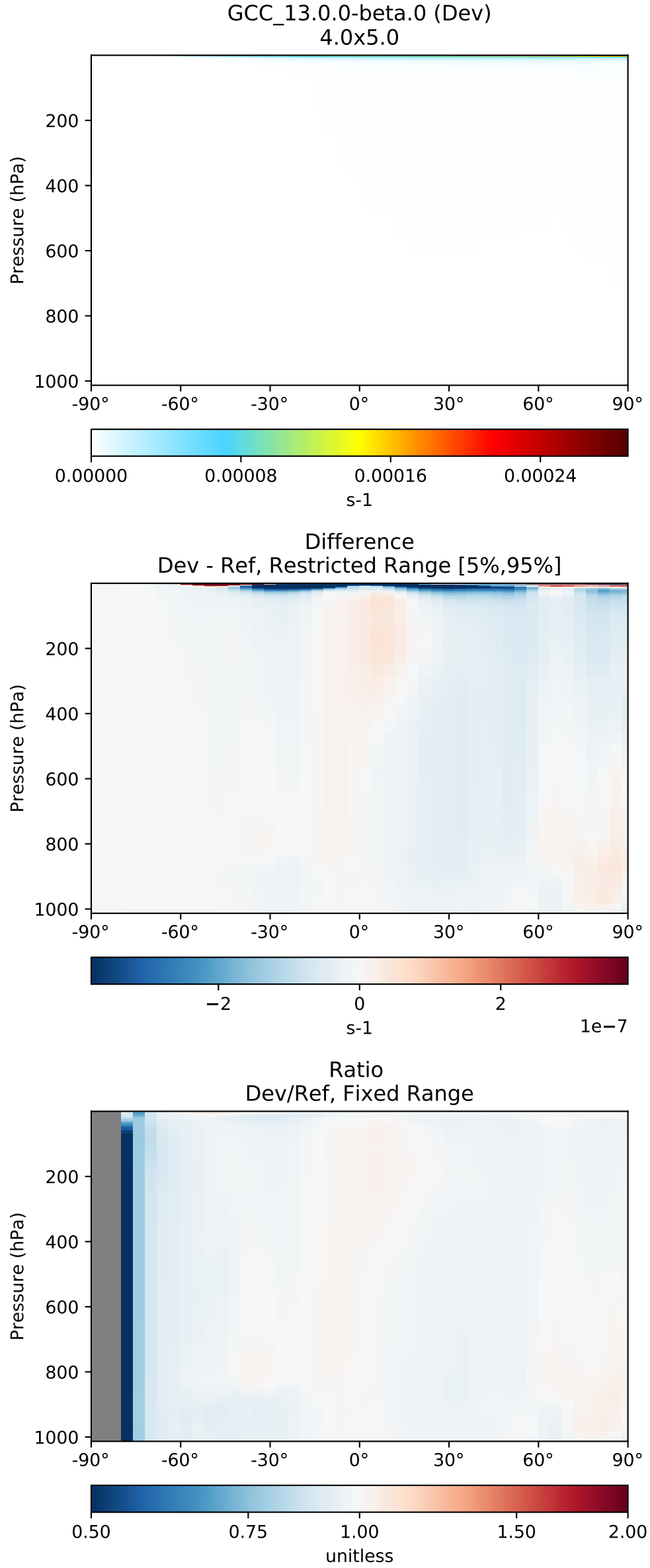
# Jval_NO3, Zonal Mean



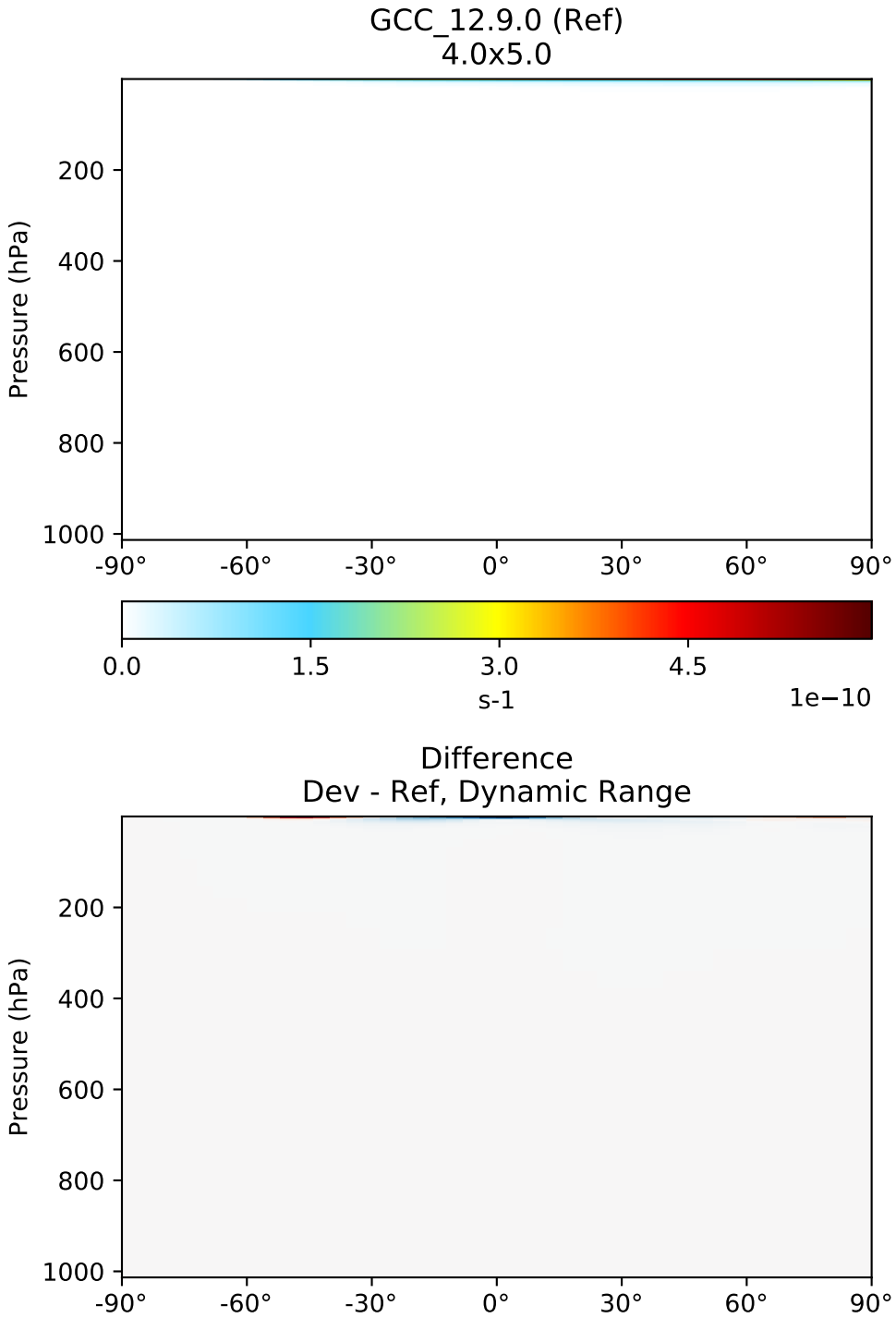



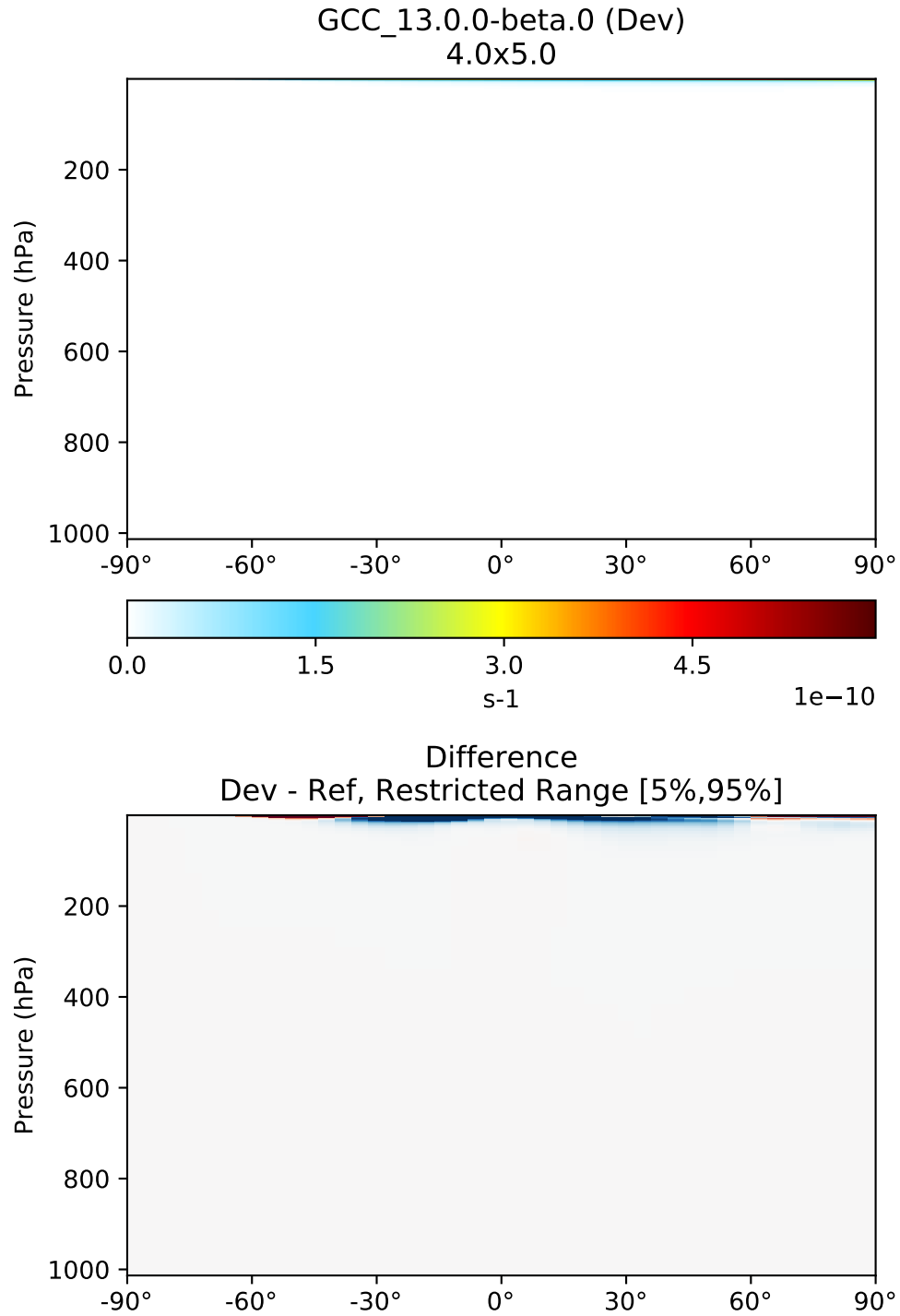
# Jval_NPRNO3, Zonal Mean

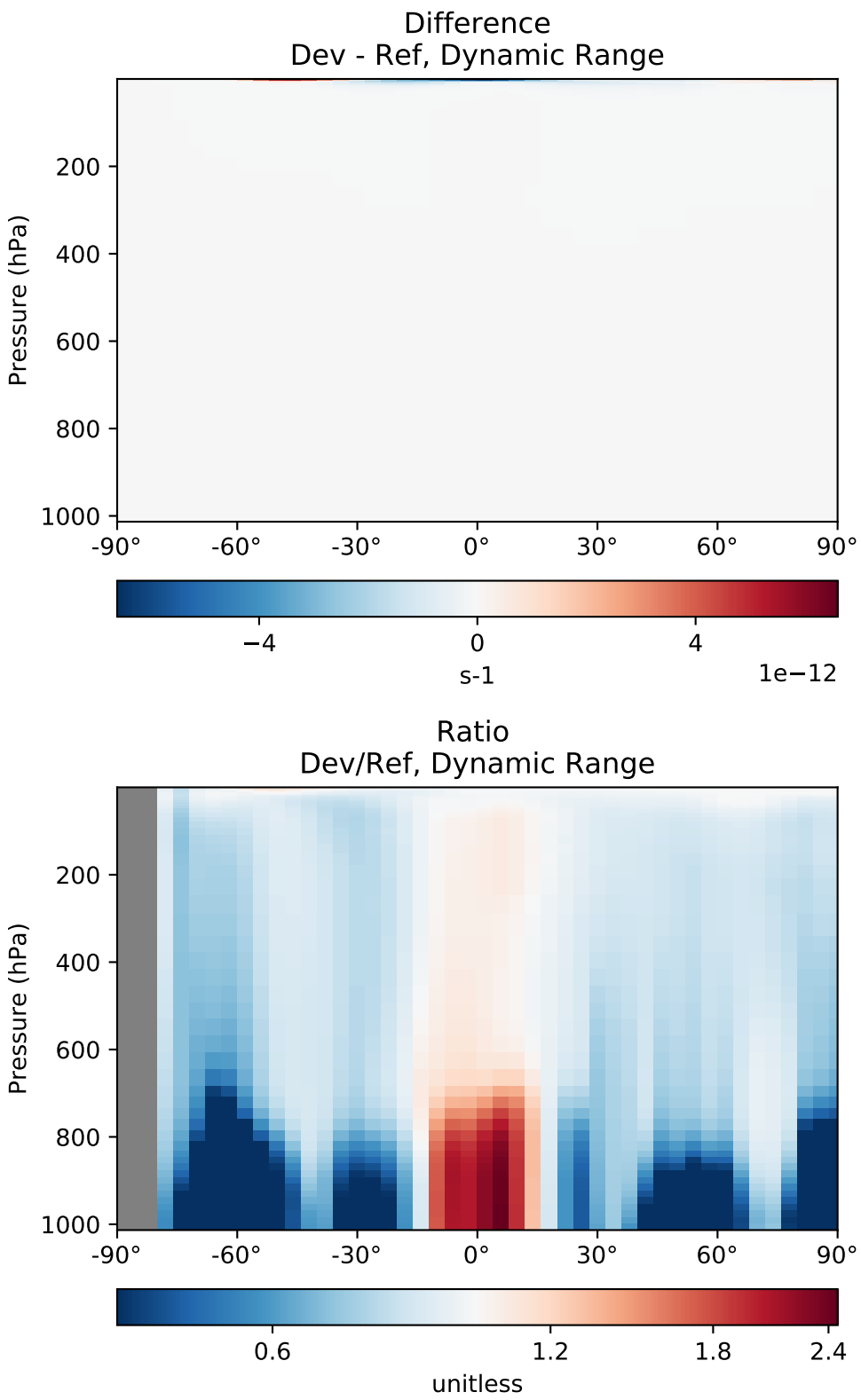


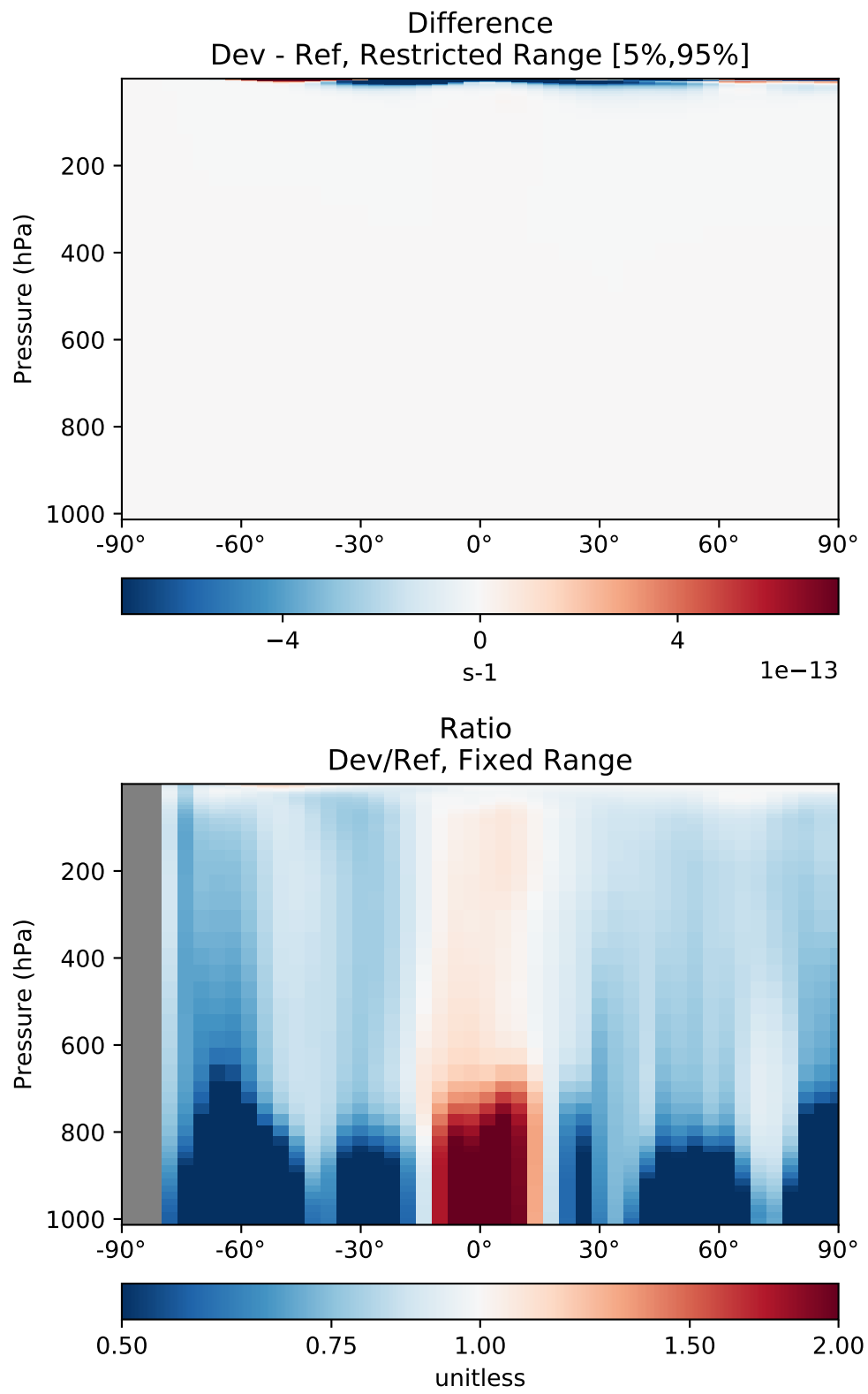



# Jval_O2, Zonal Mean

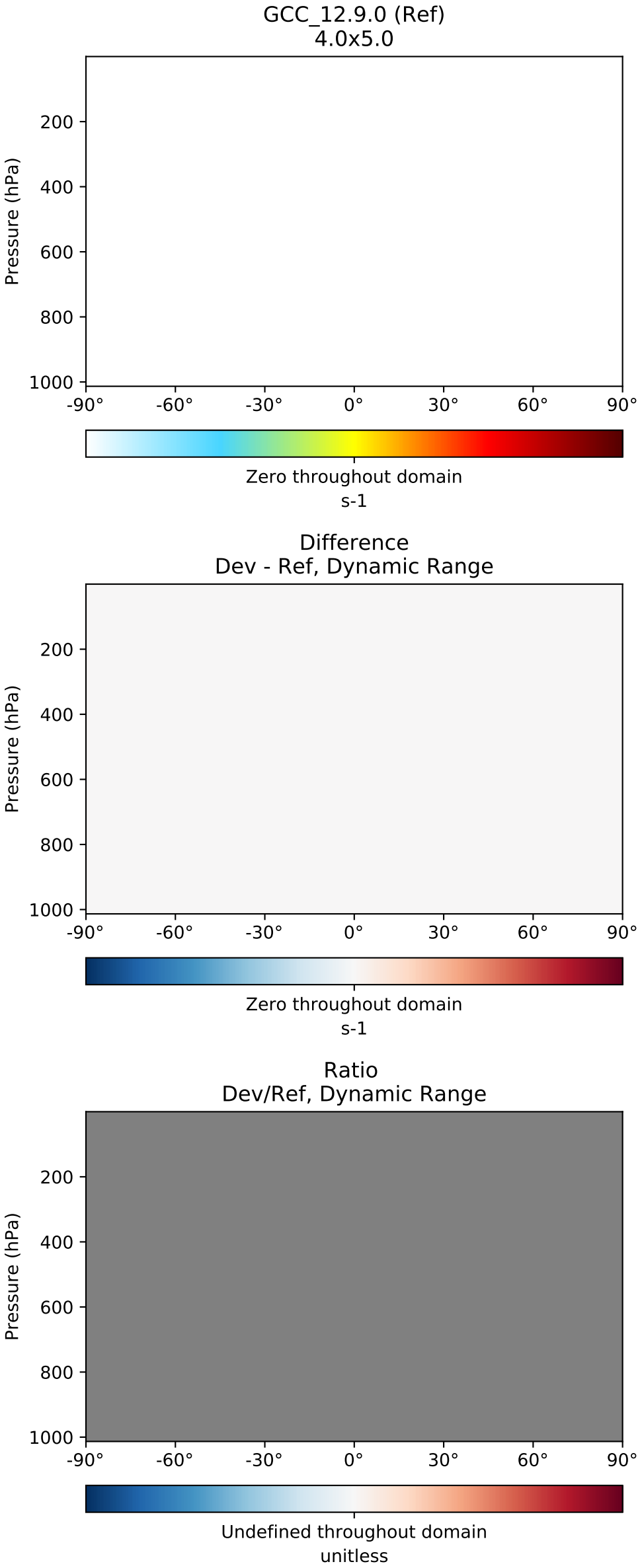


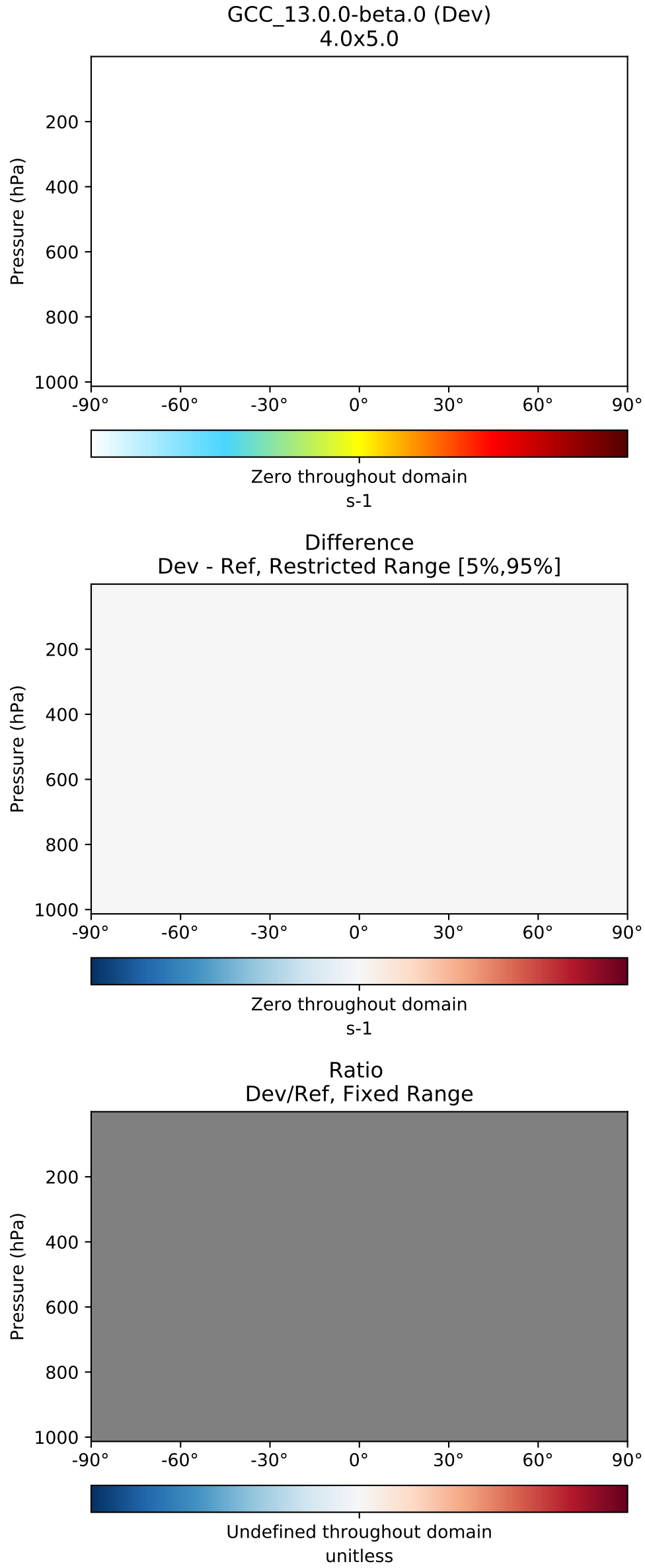



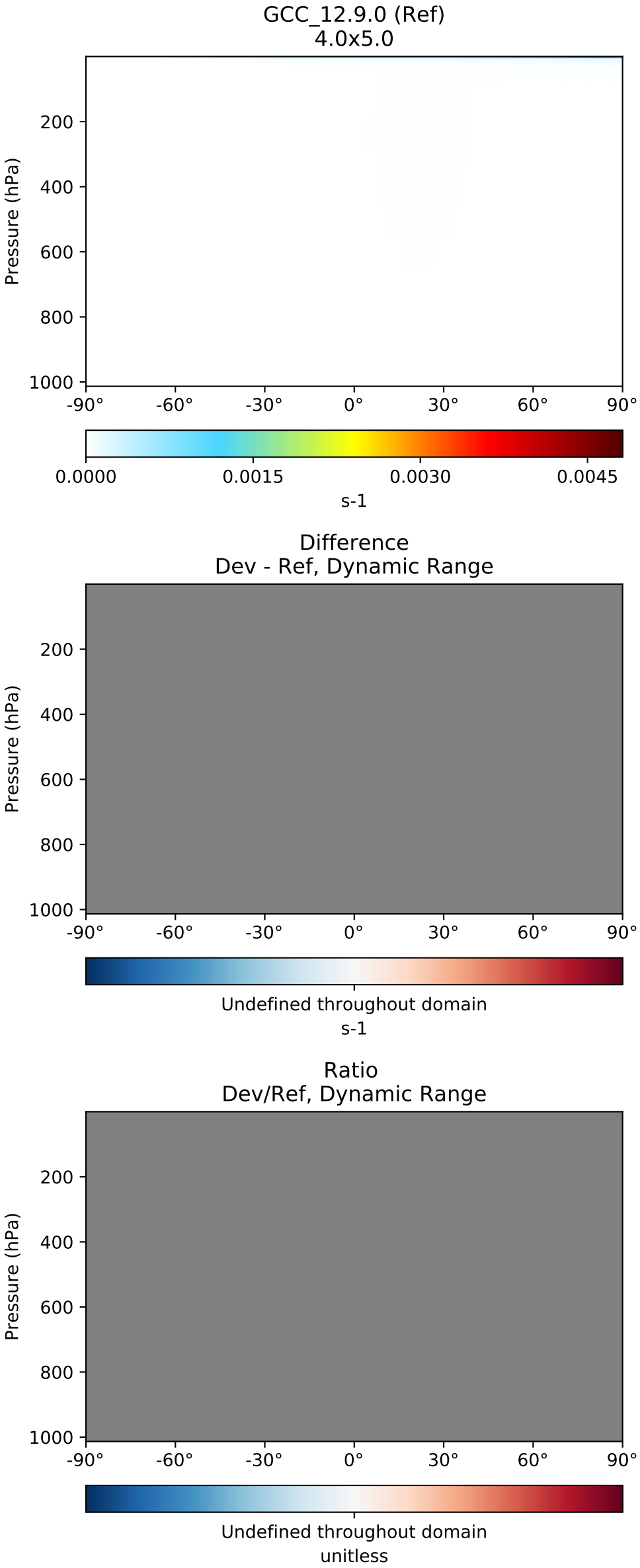



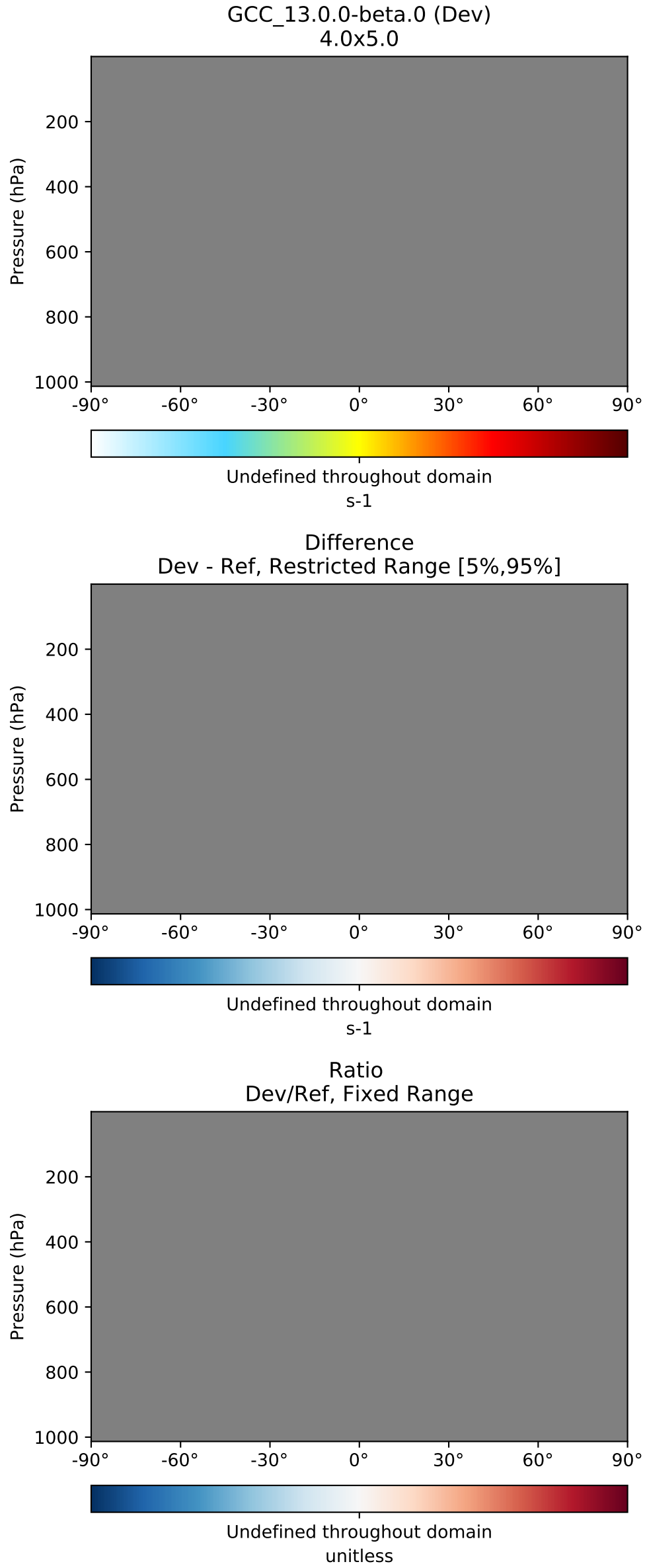
# Jval_O3, Zonal Mean



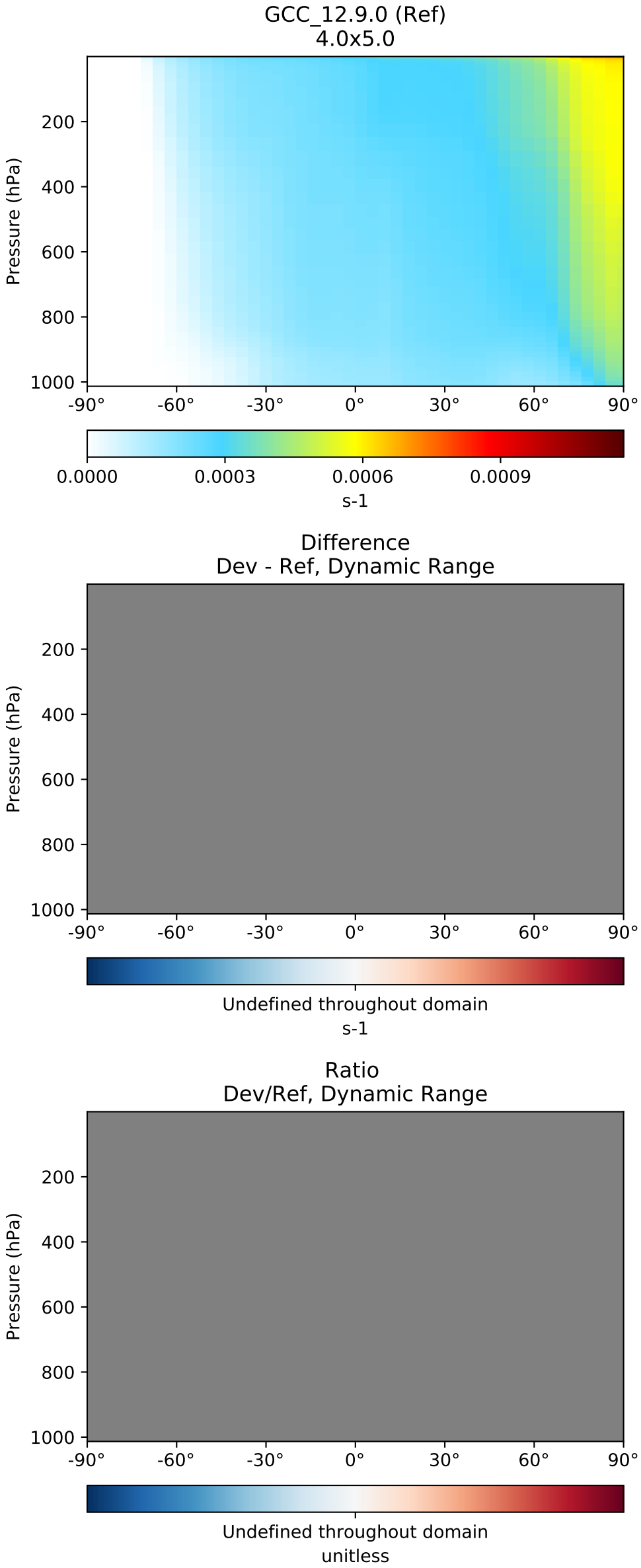



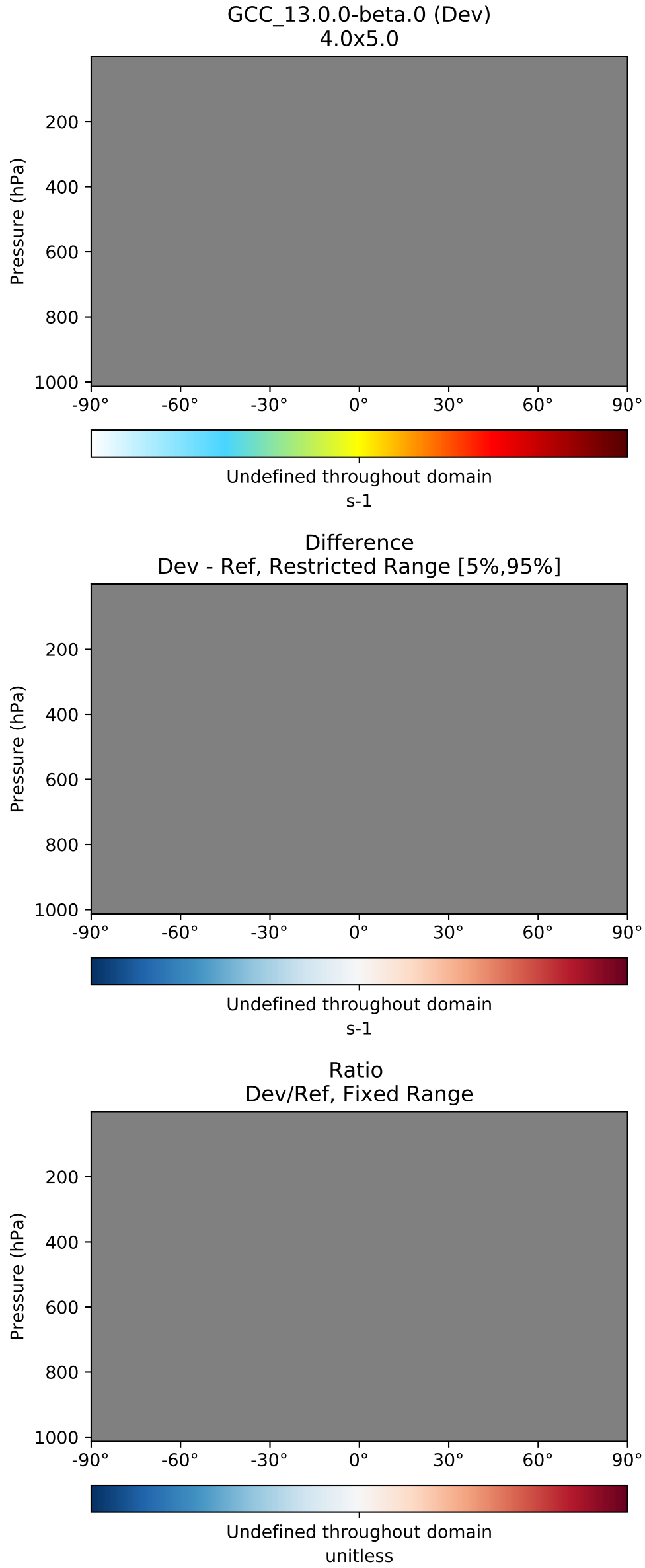
# Jval_O3O1D, Zonal Mean



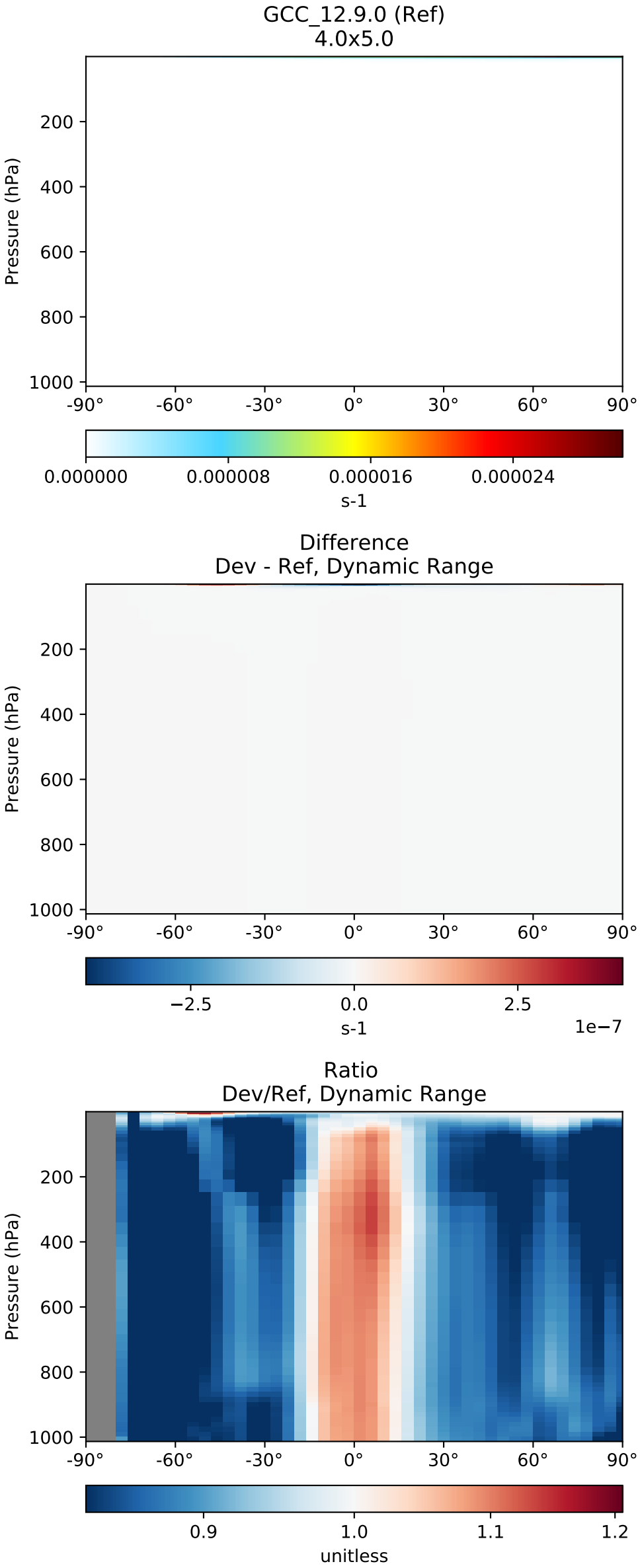



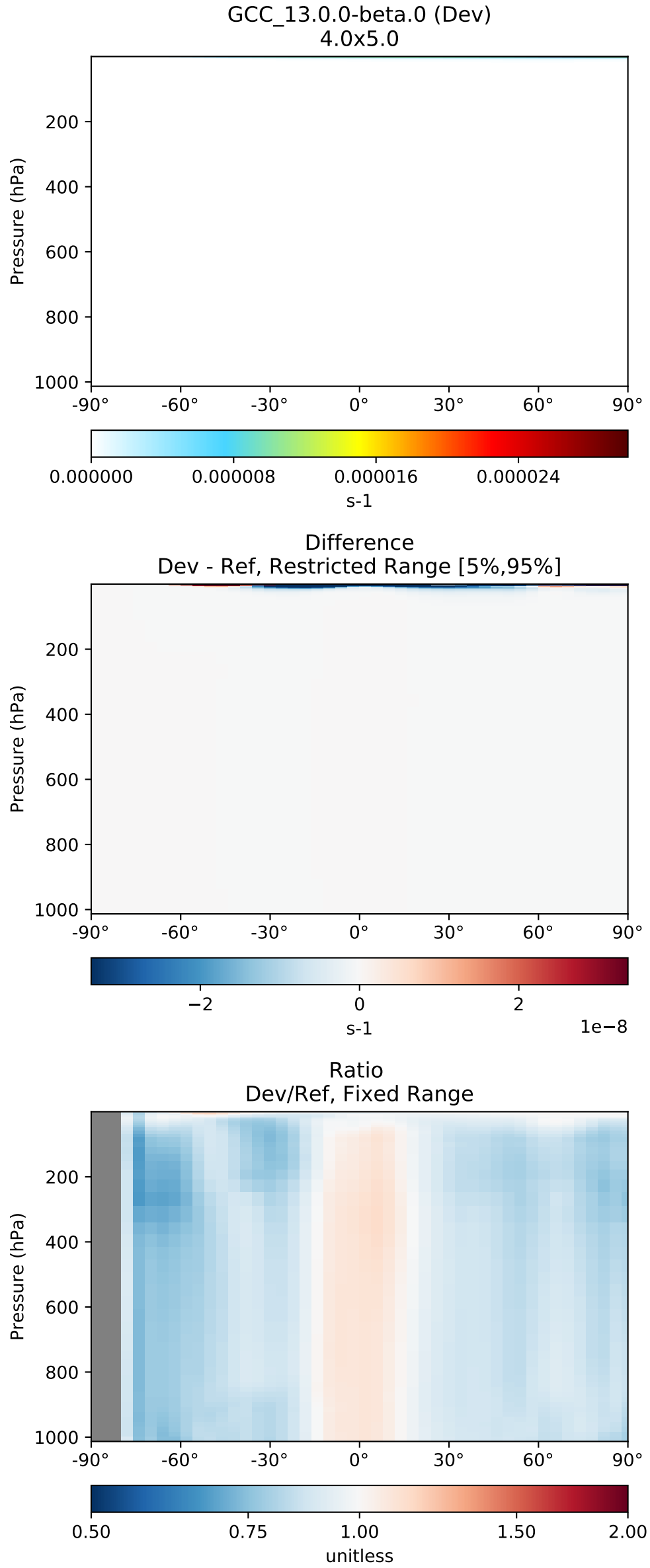
# Jval_O3O3P, Zonal Mean



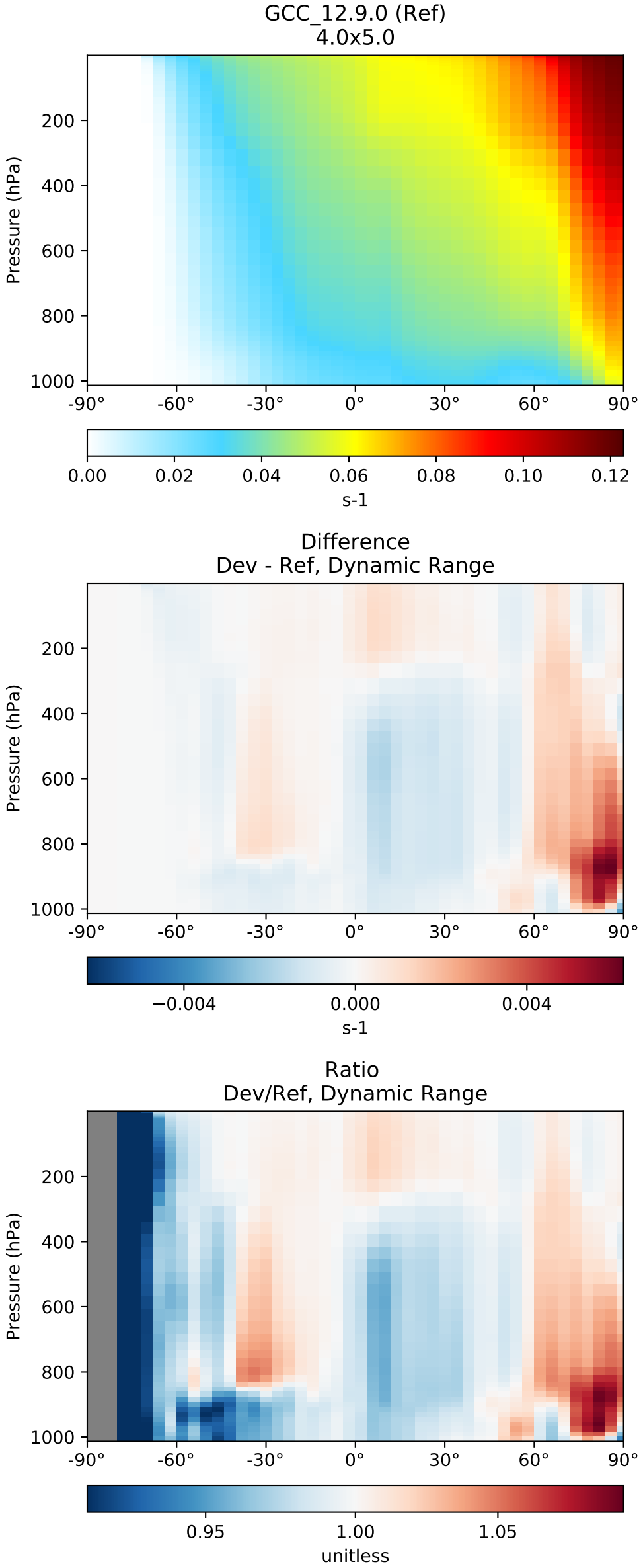



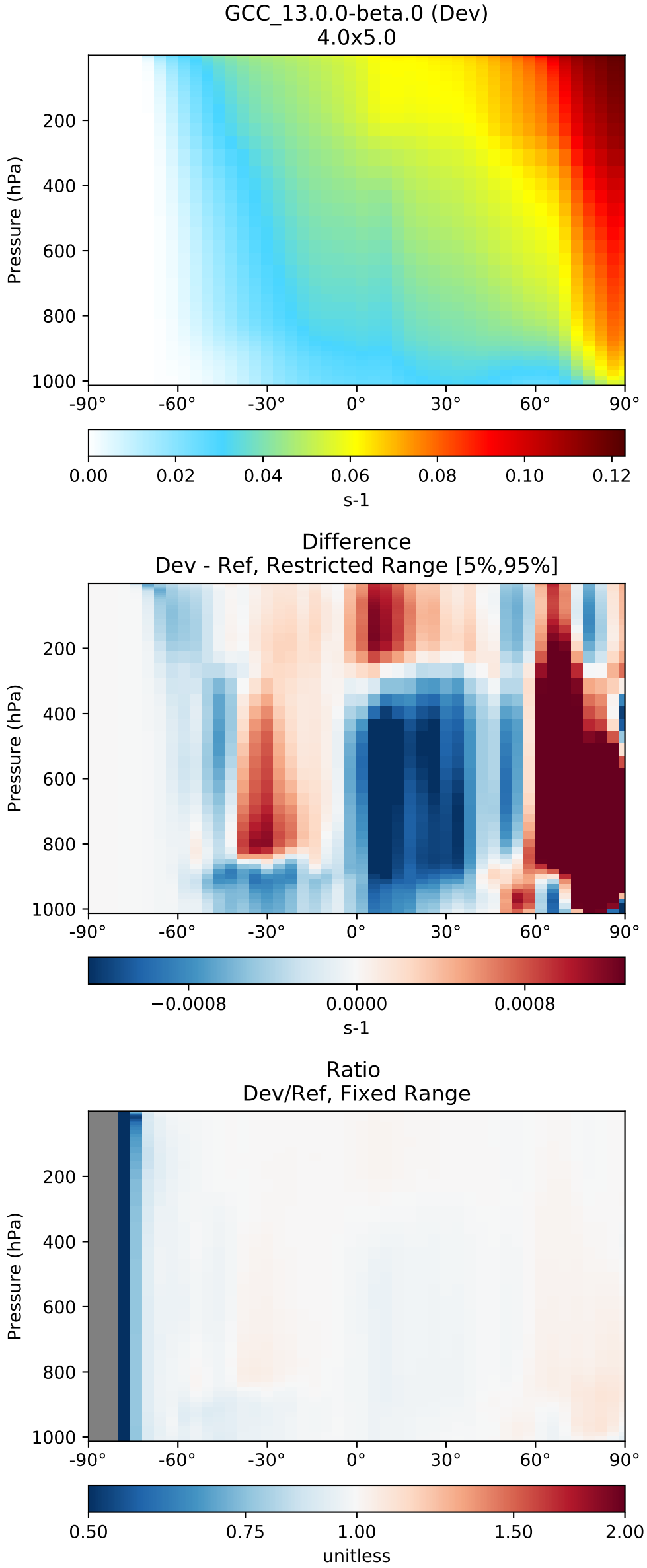
# Jval_OCS, Zonal Mean



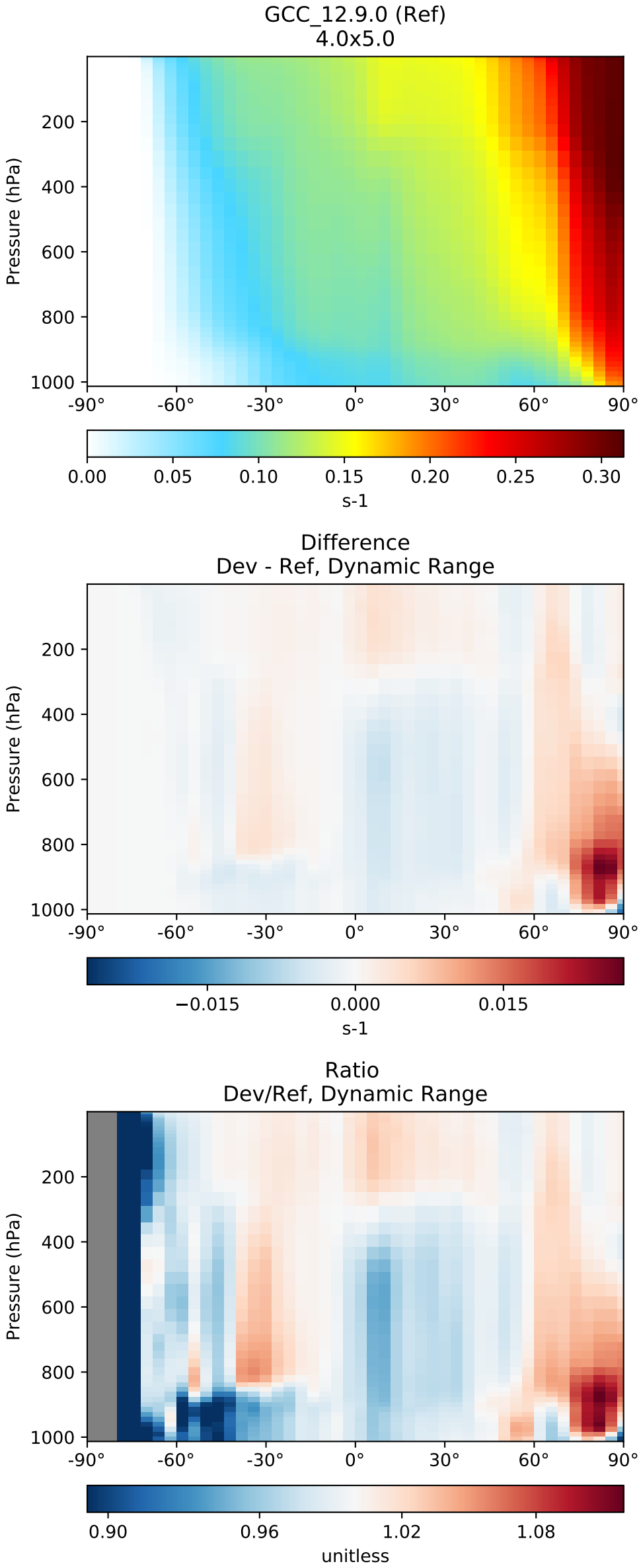



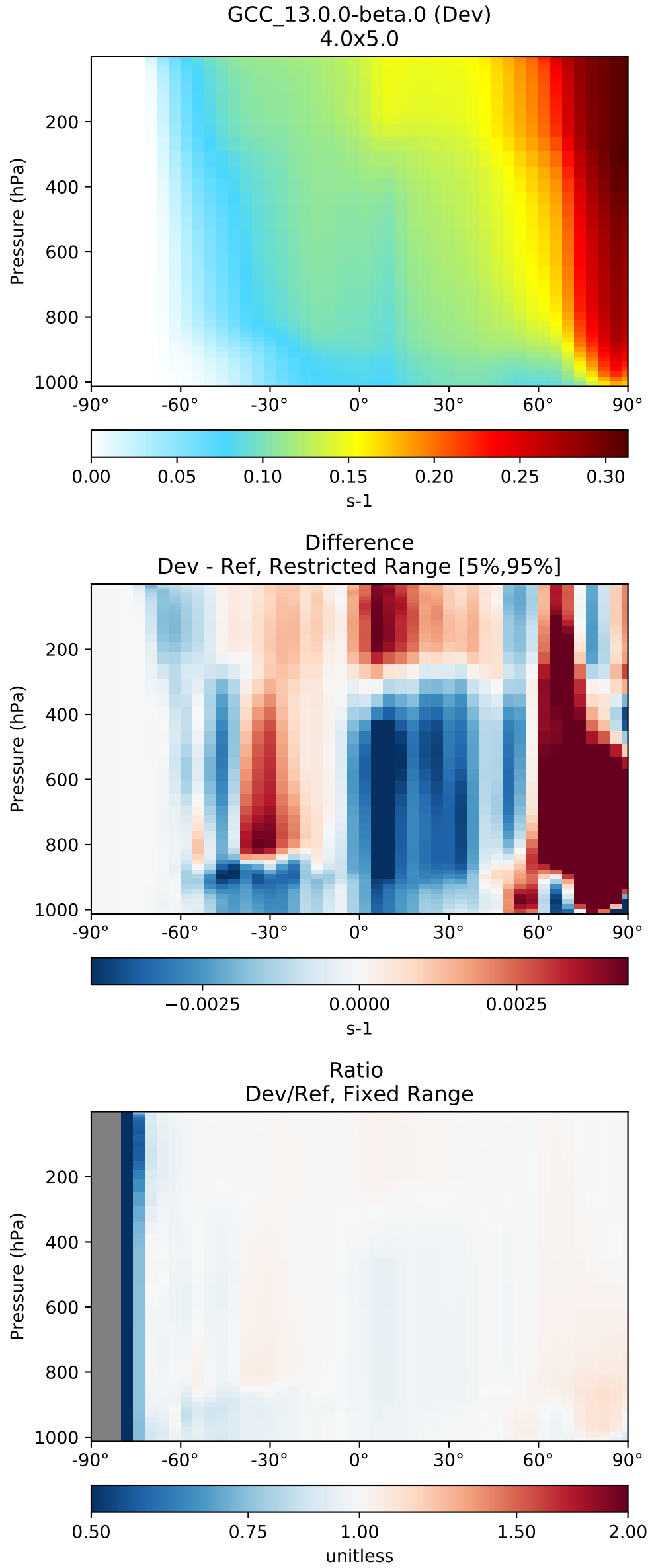
# Jval_OClO, Zonal Mean



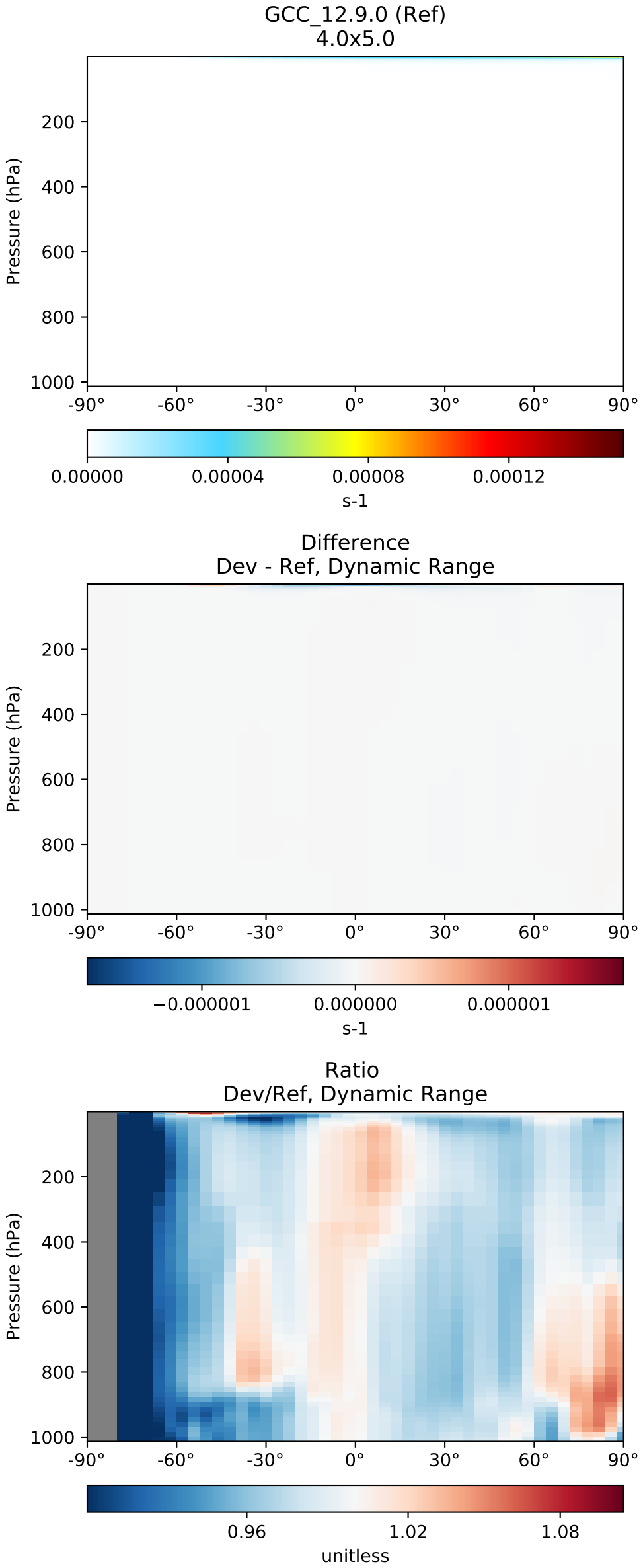



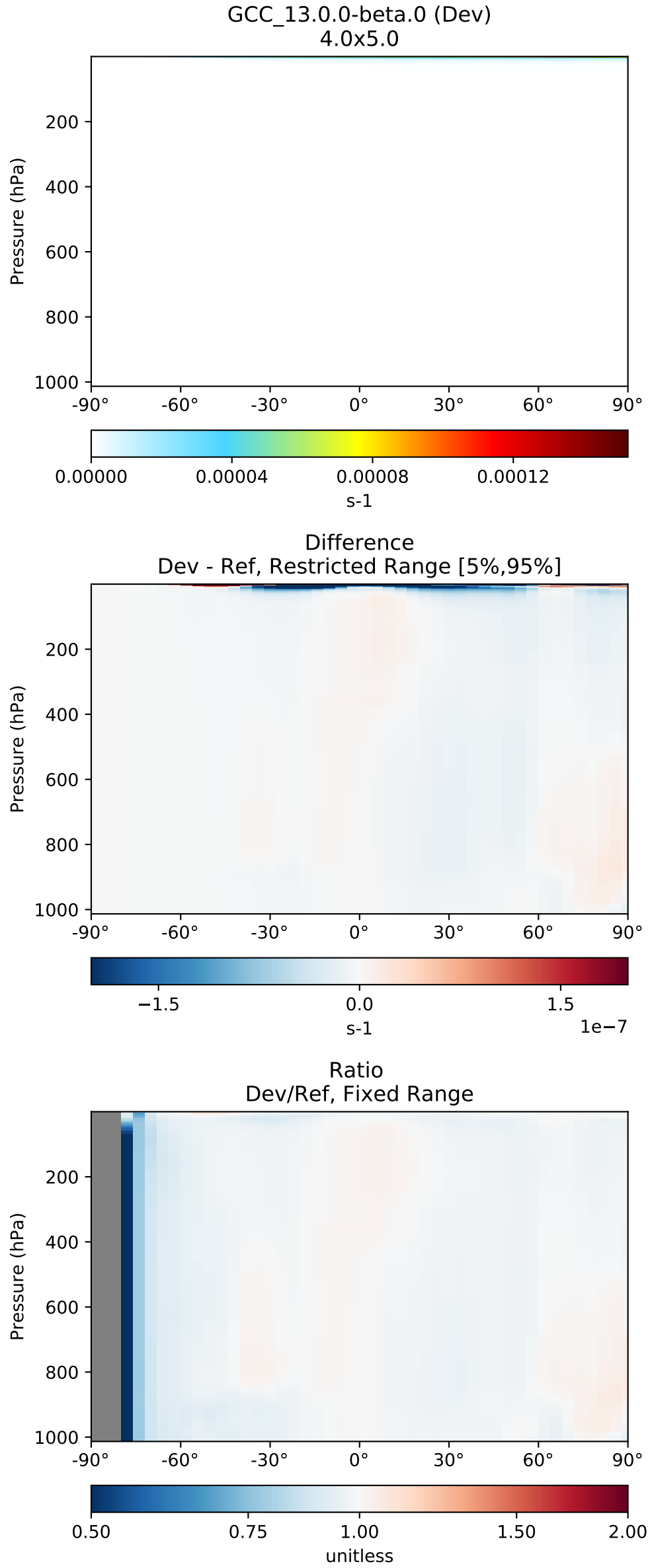
# Jval_OIO, Zonal Mean



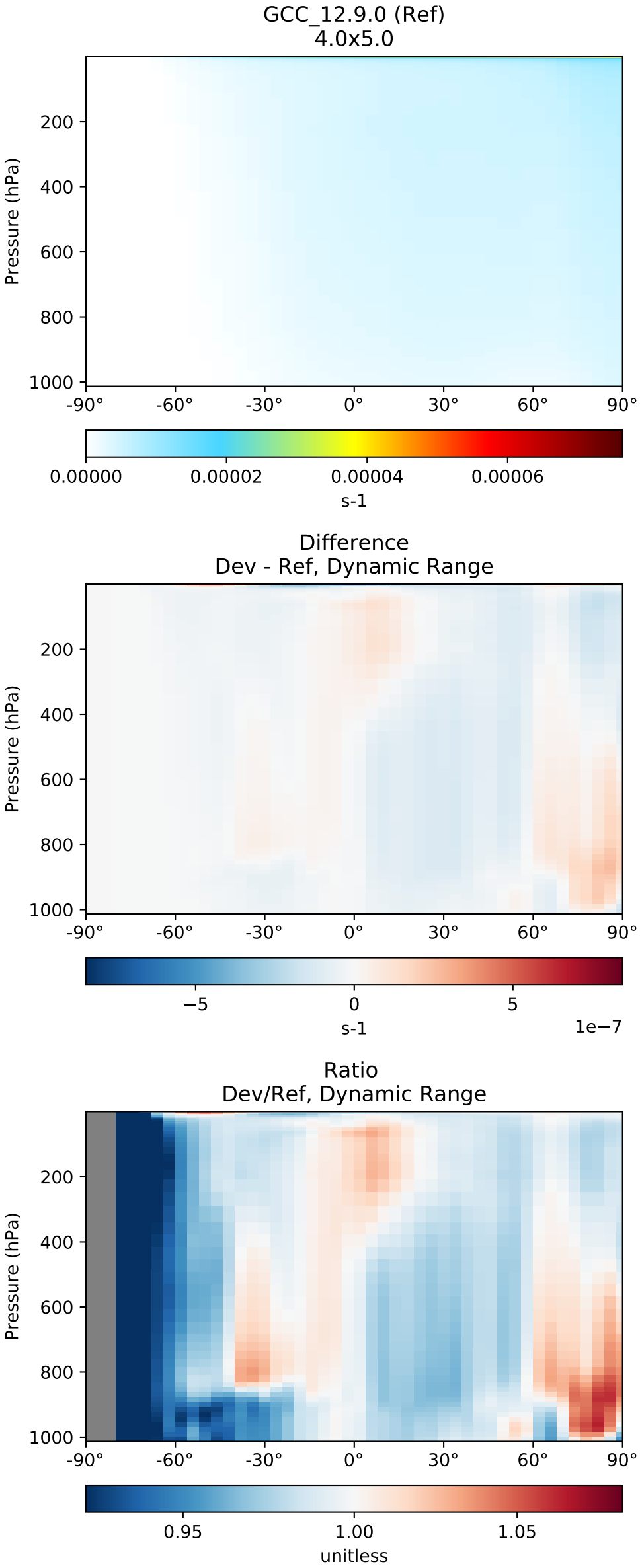



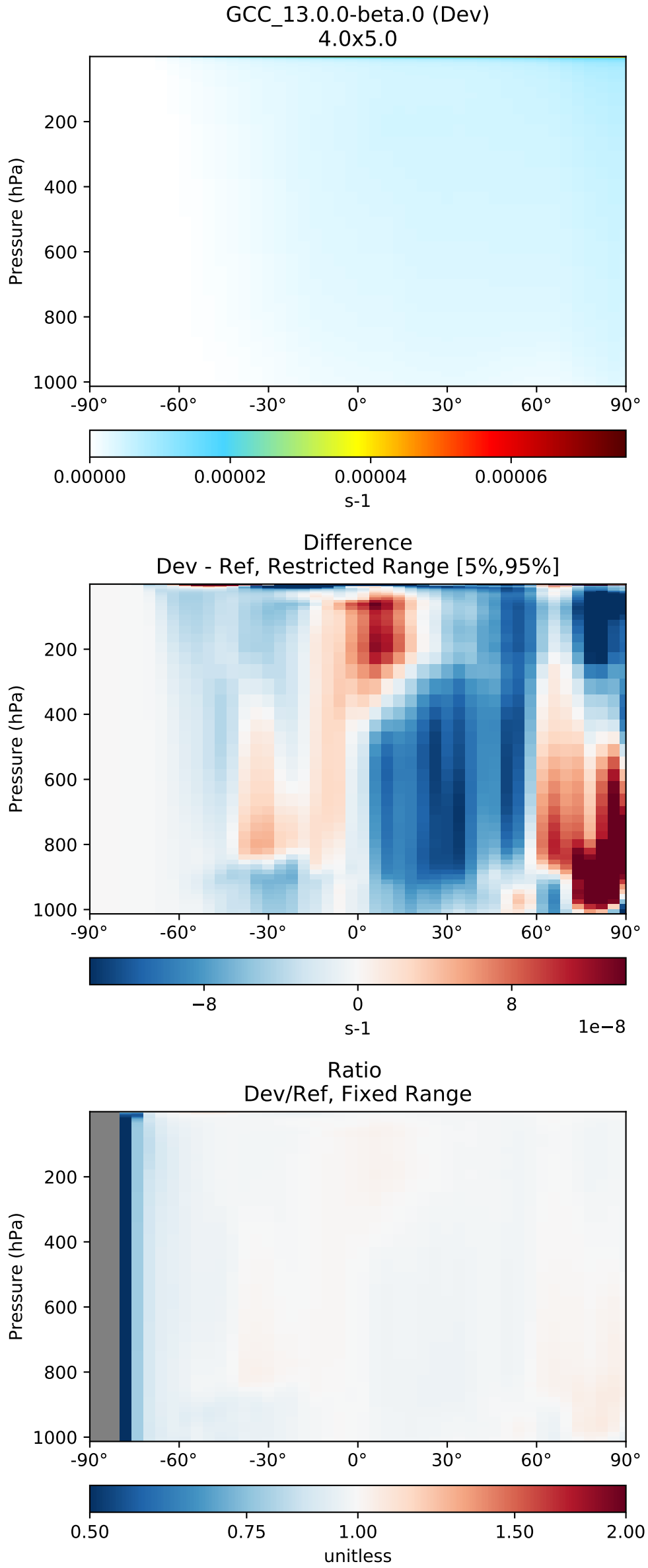
# Jval_PAN, Zonal Mean



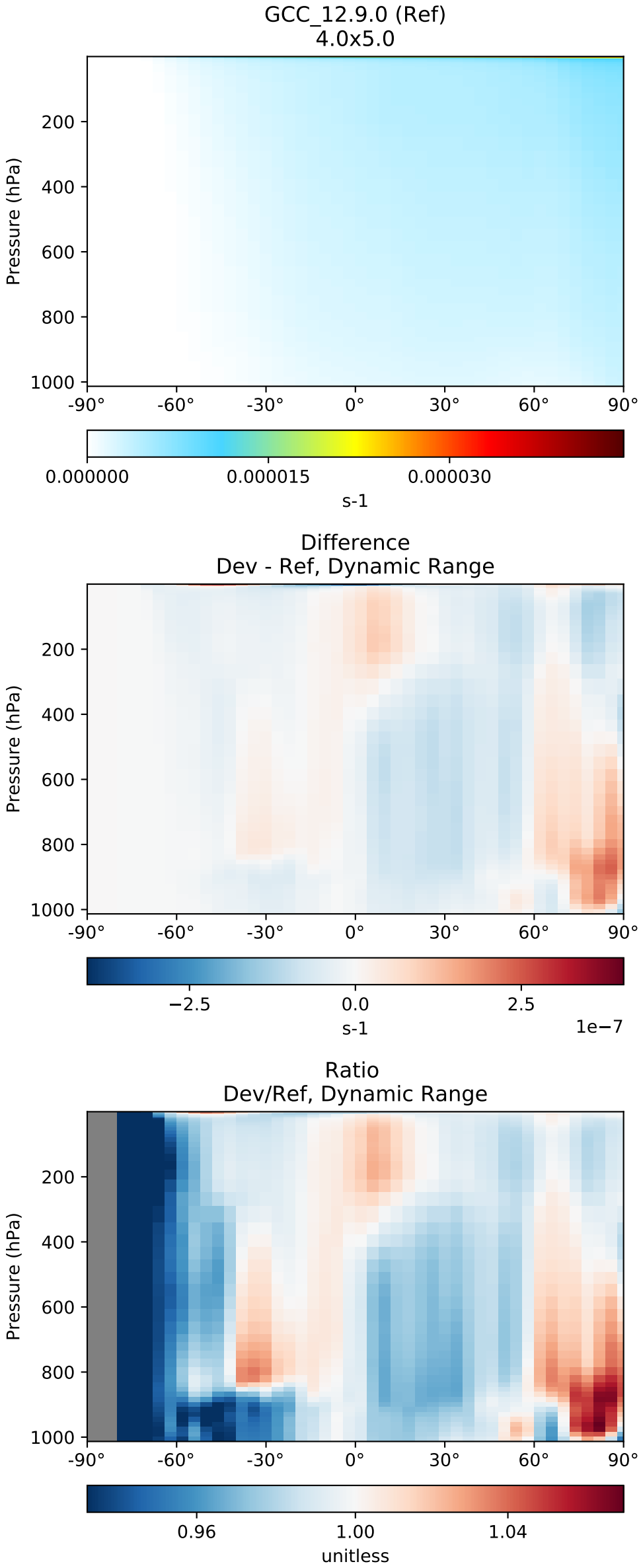



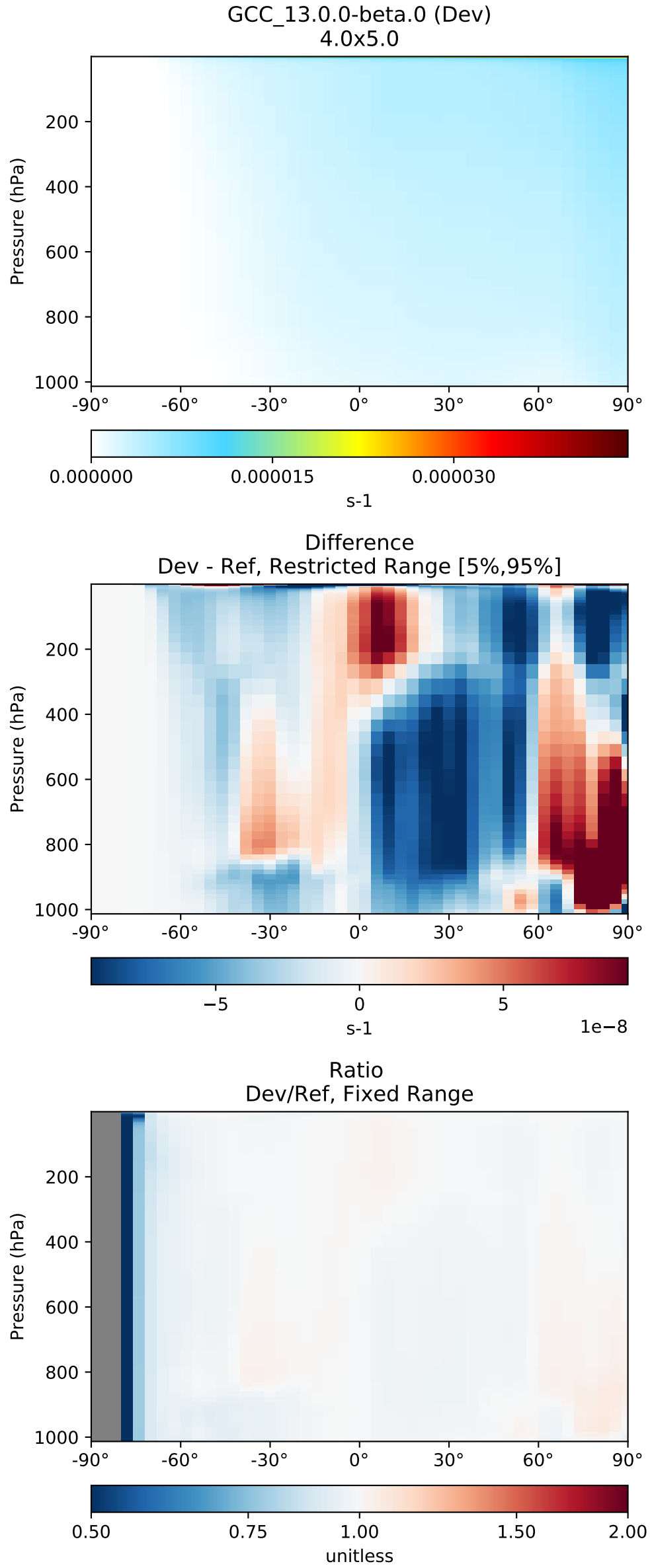
# Jval_PIP, Zonal Mean



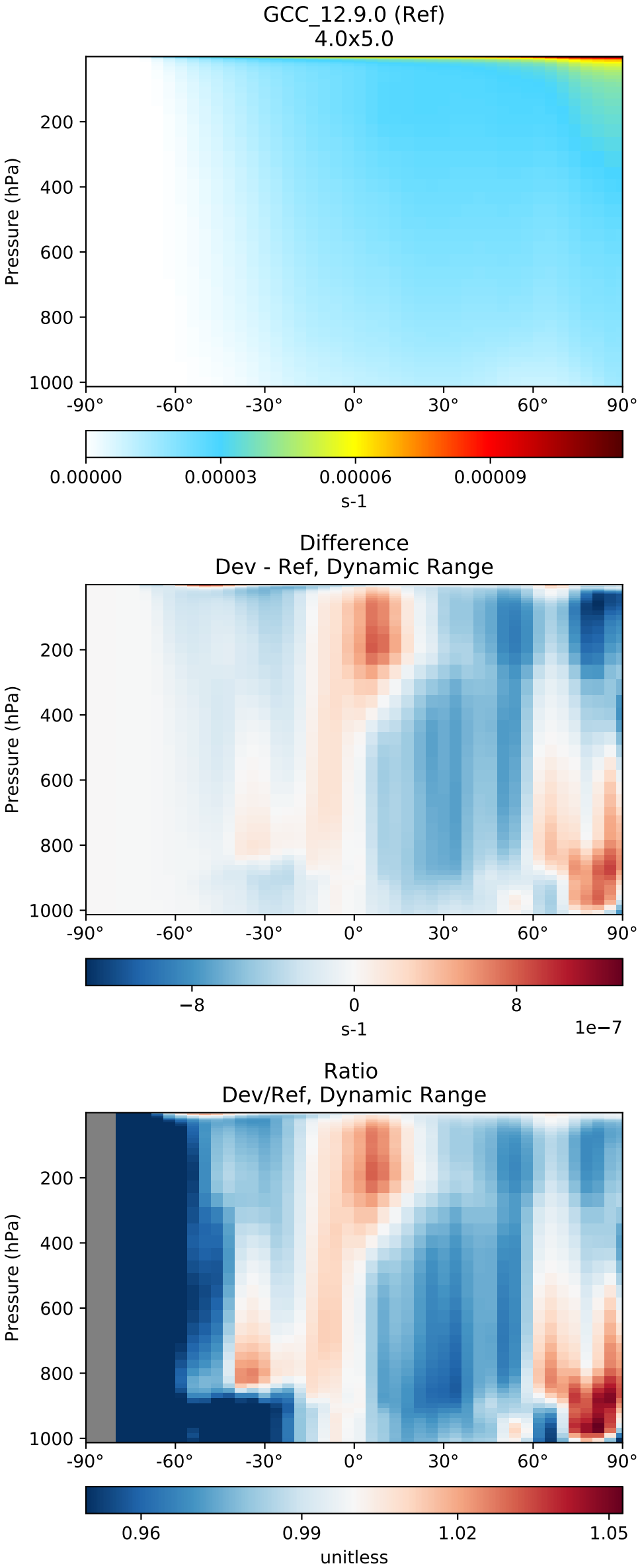



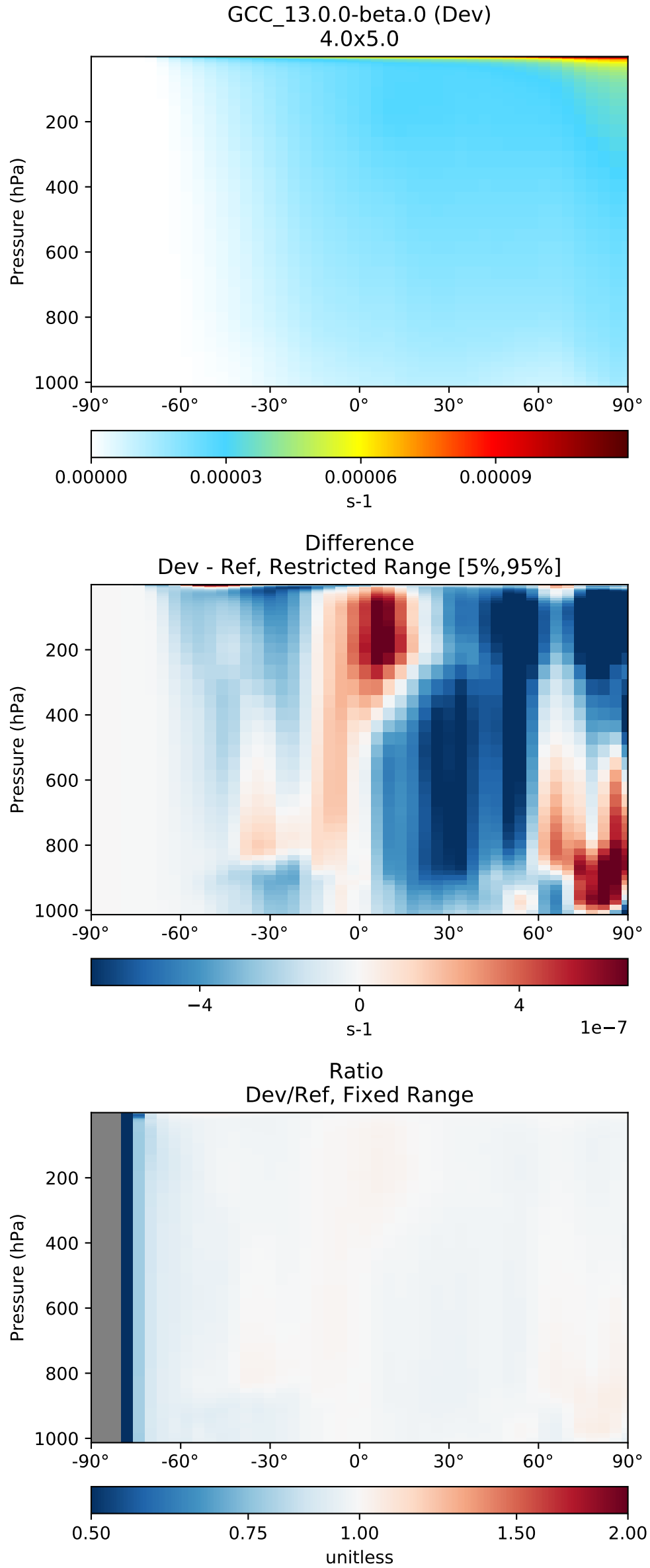
# Jval_PP, Zonal Mean



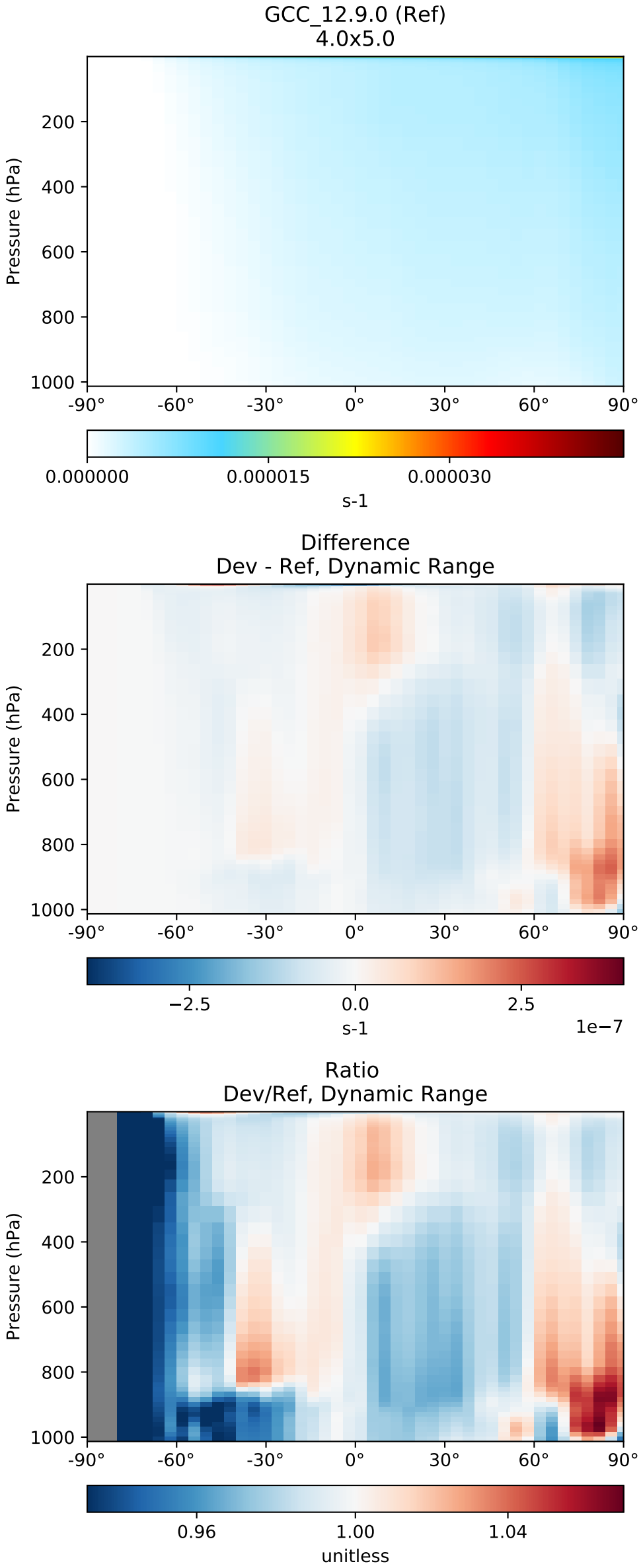



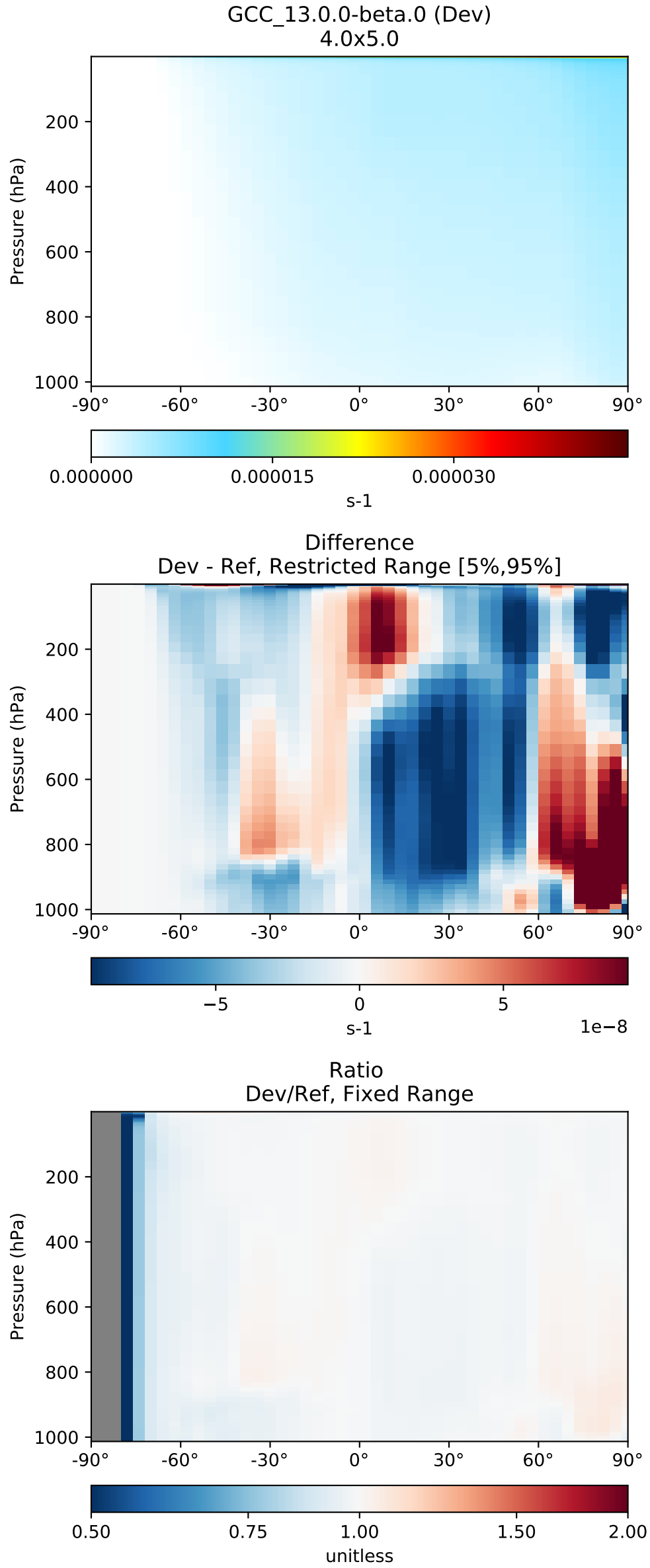
# Jval_PROPNN, Zonal Mean



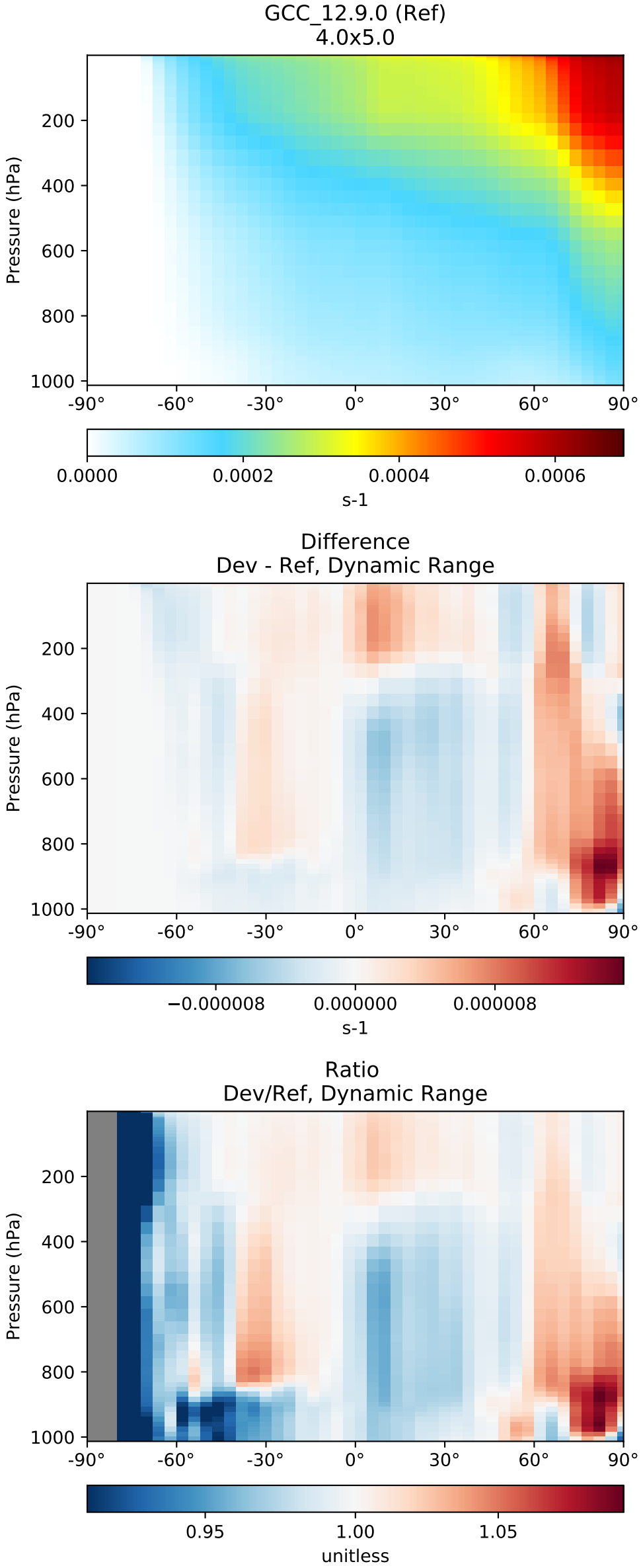



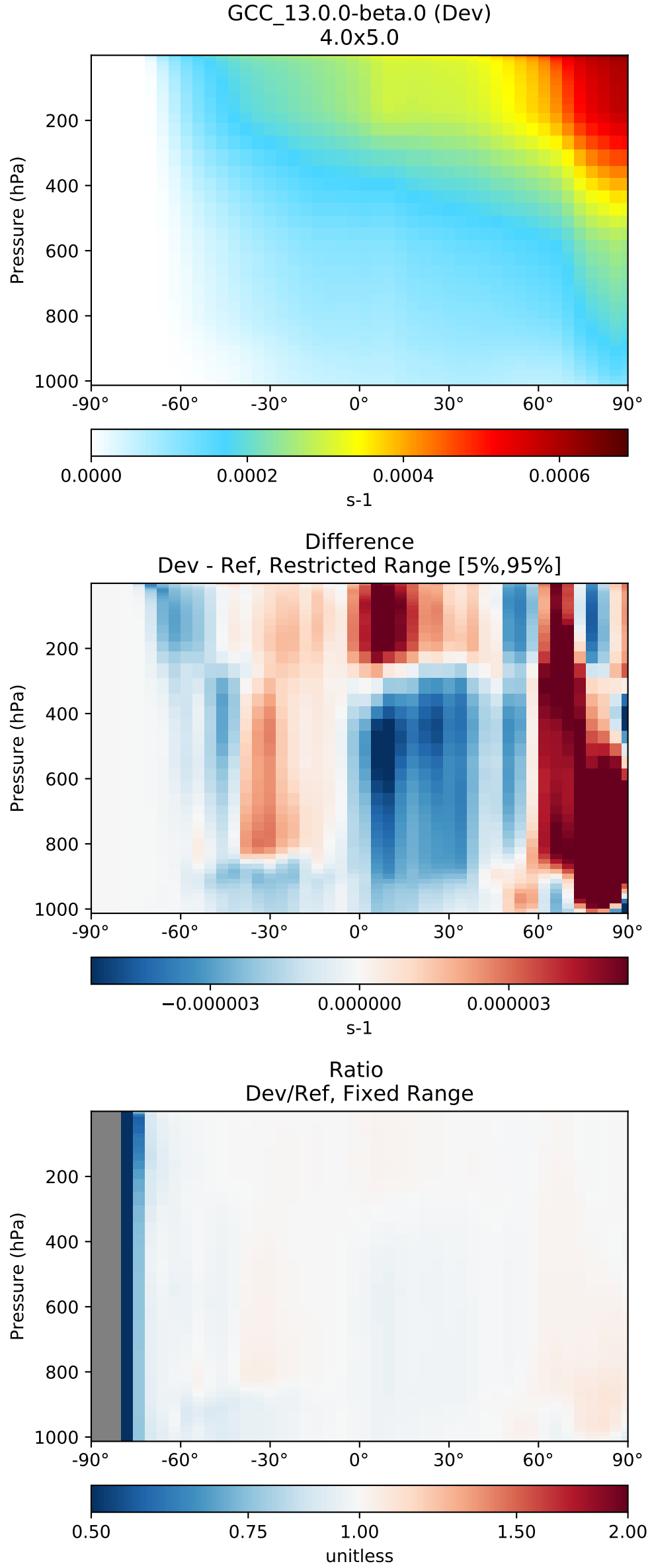
# Jval_PRPN, Zonal Mean



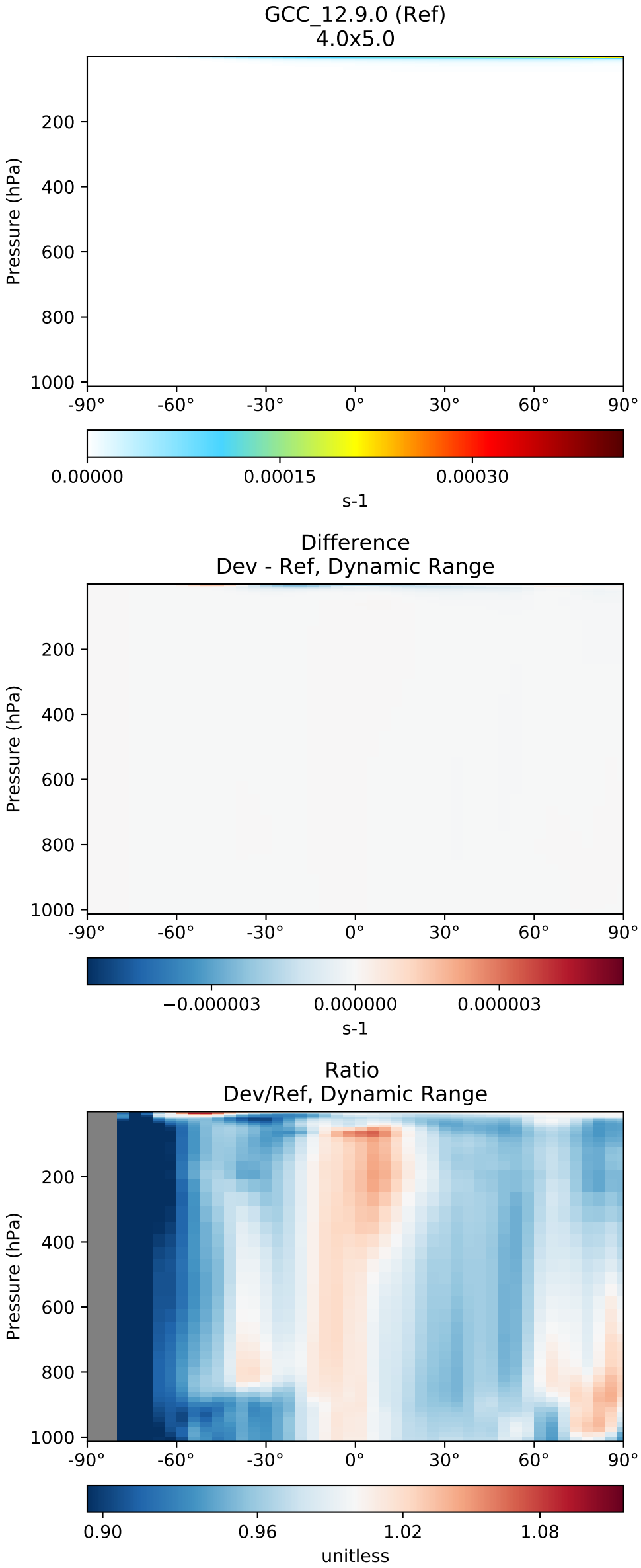



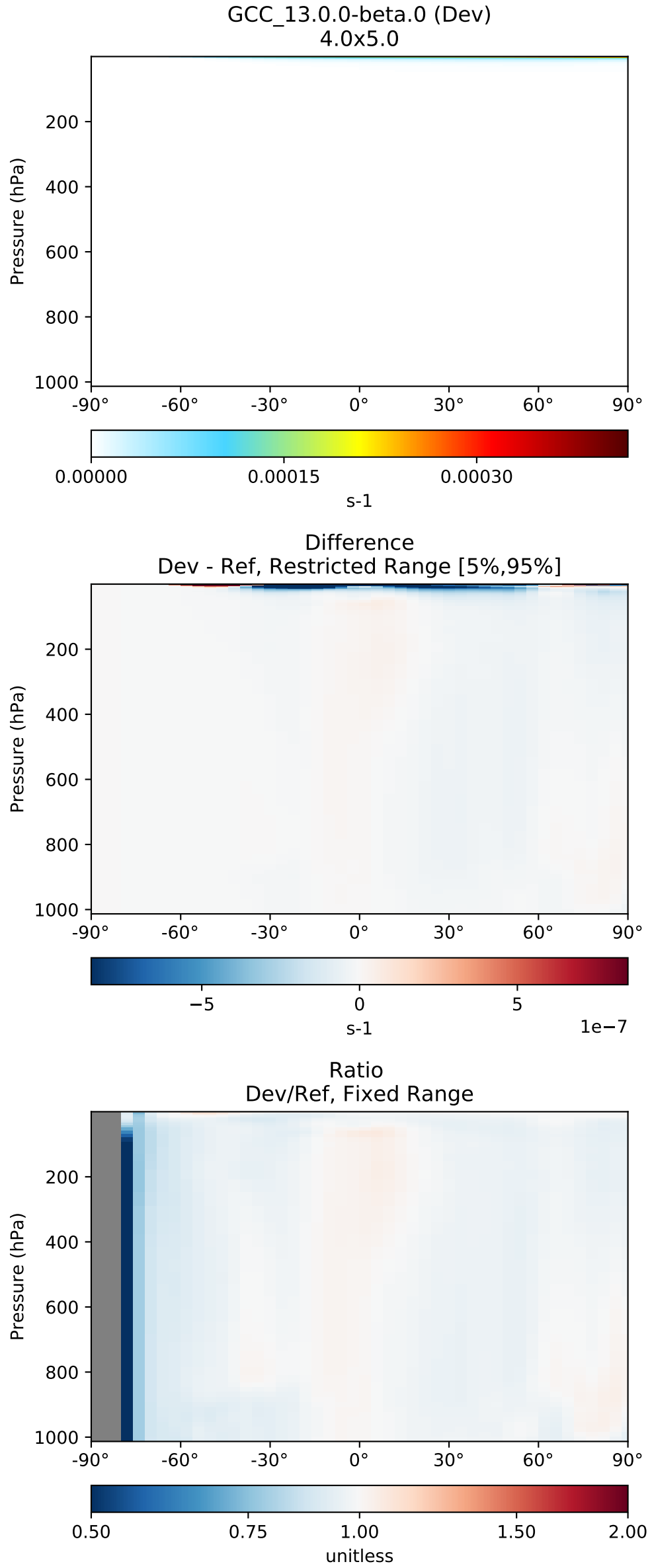
# Jval_PYAC, Zonal Mean



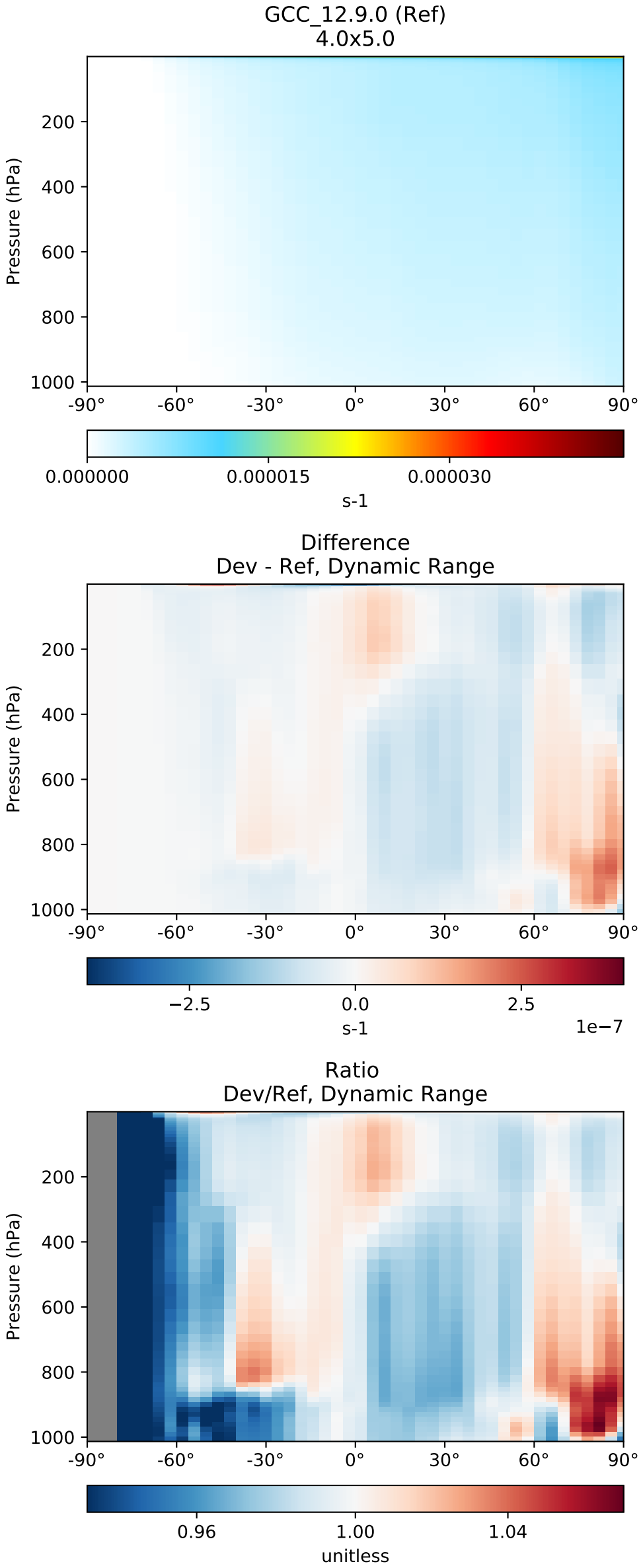



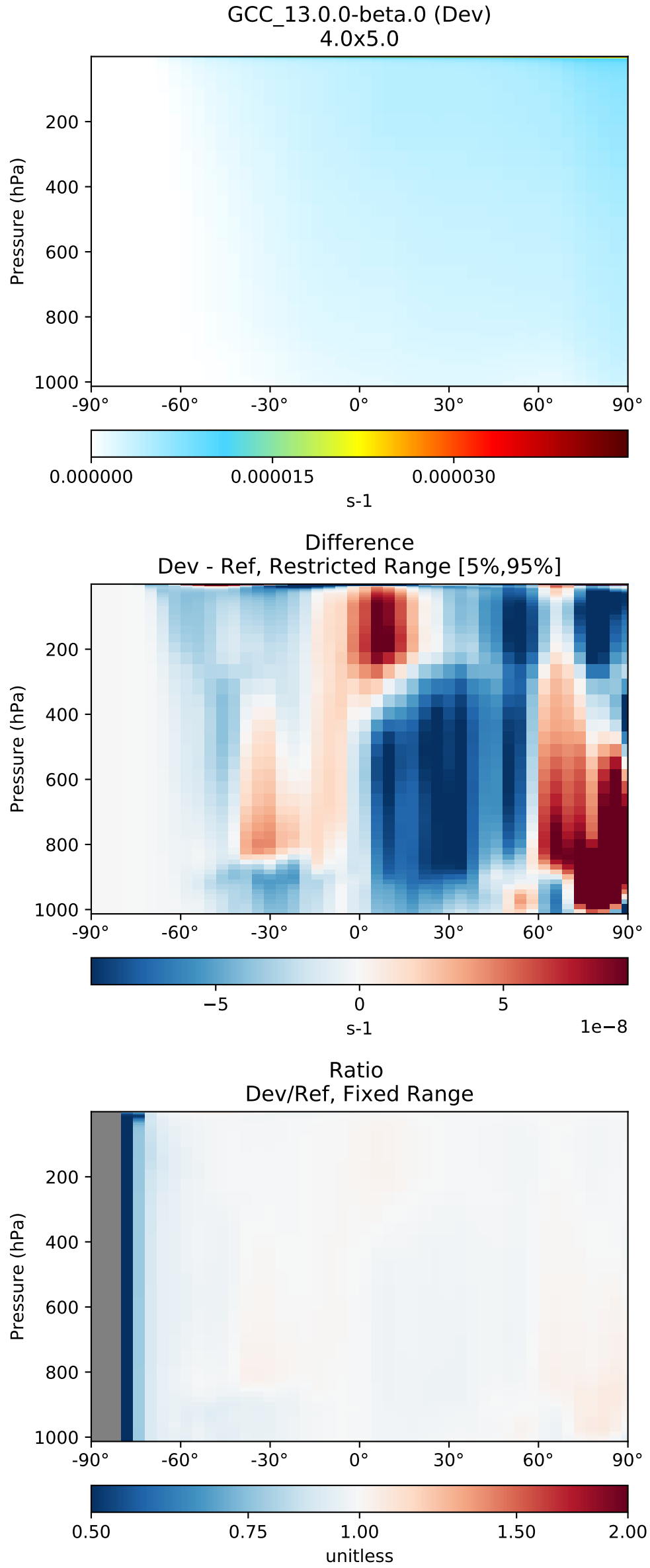
# Jval_R4N2, Zonal Mean



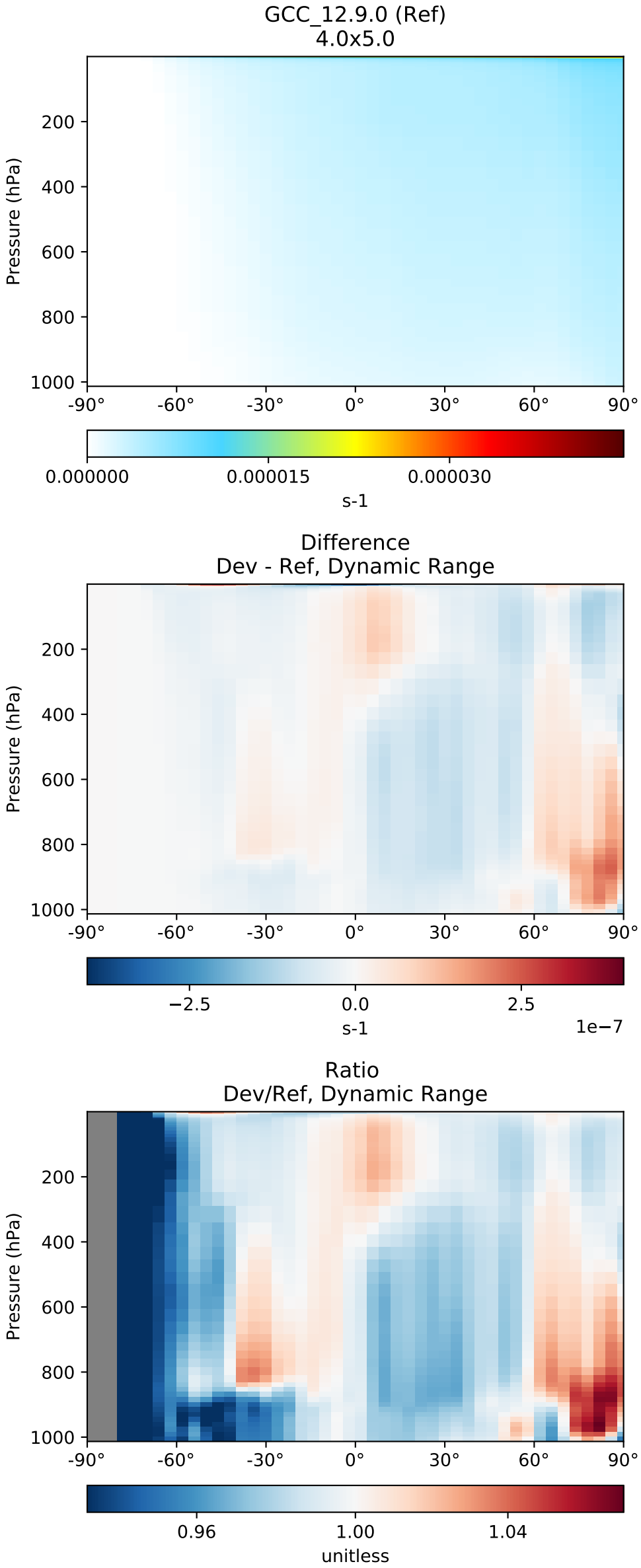



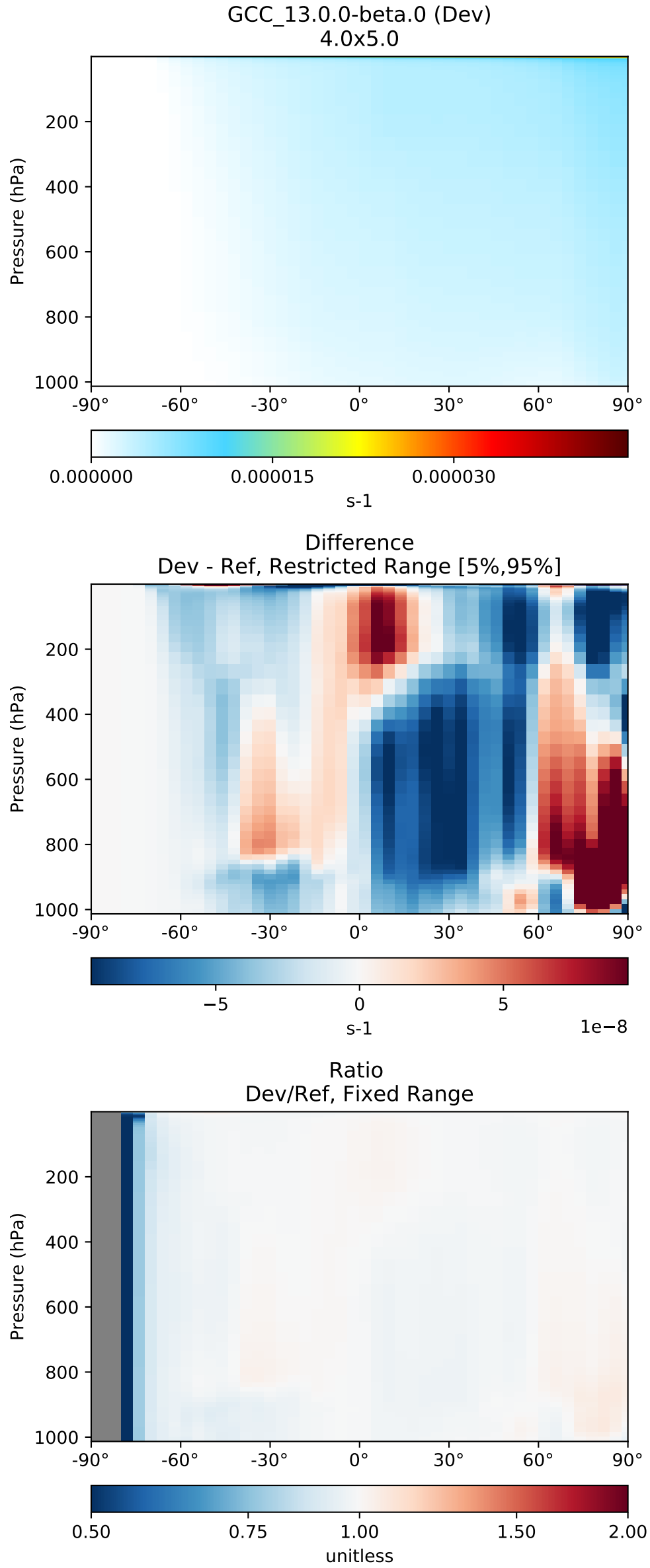
# Jval_R4P, Zonal Mean



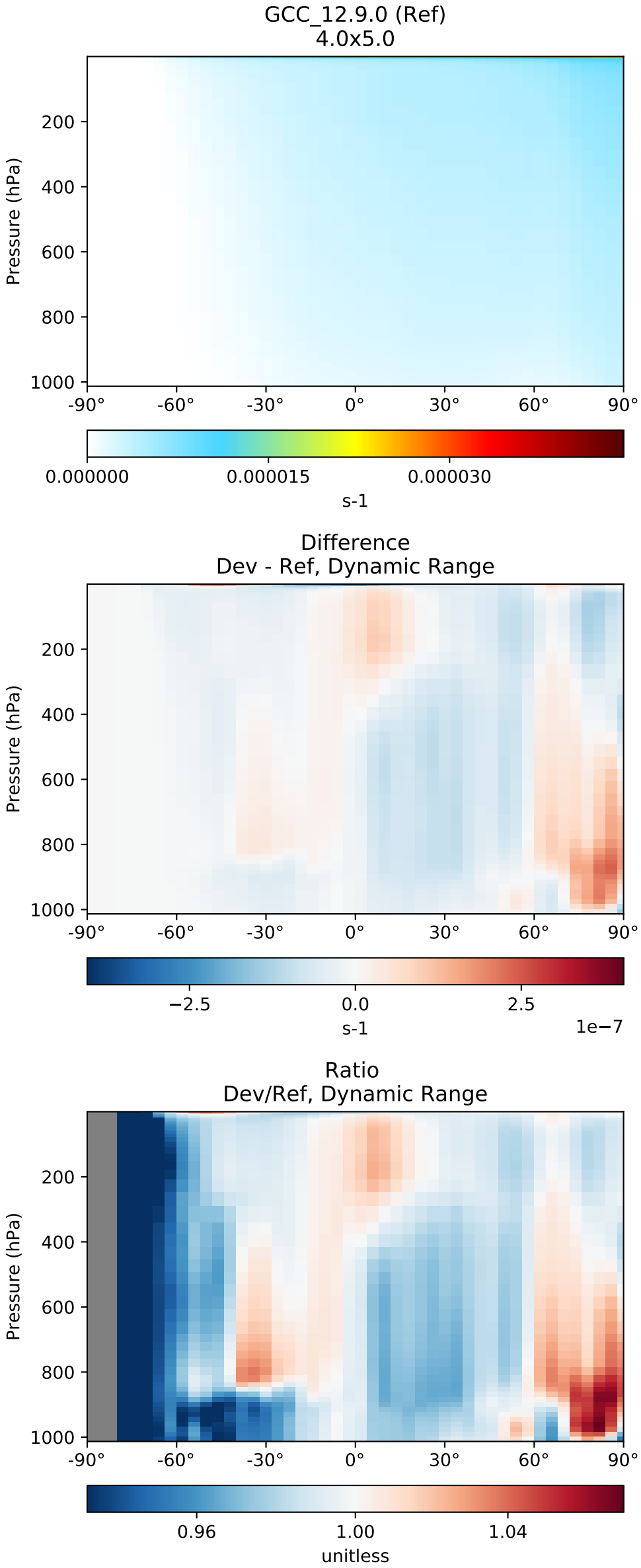



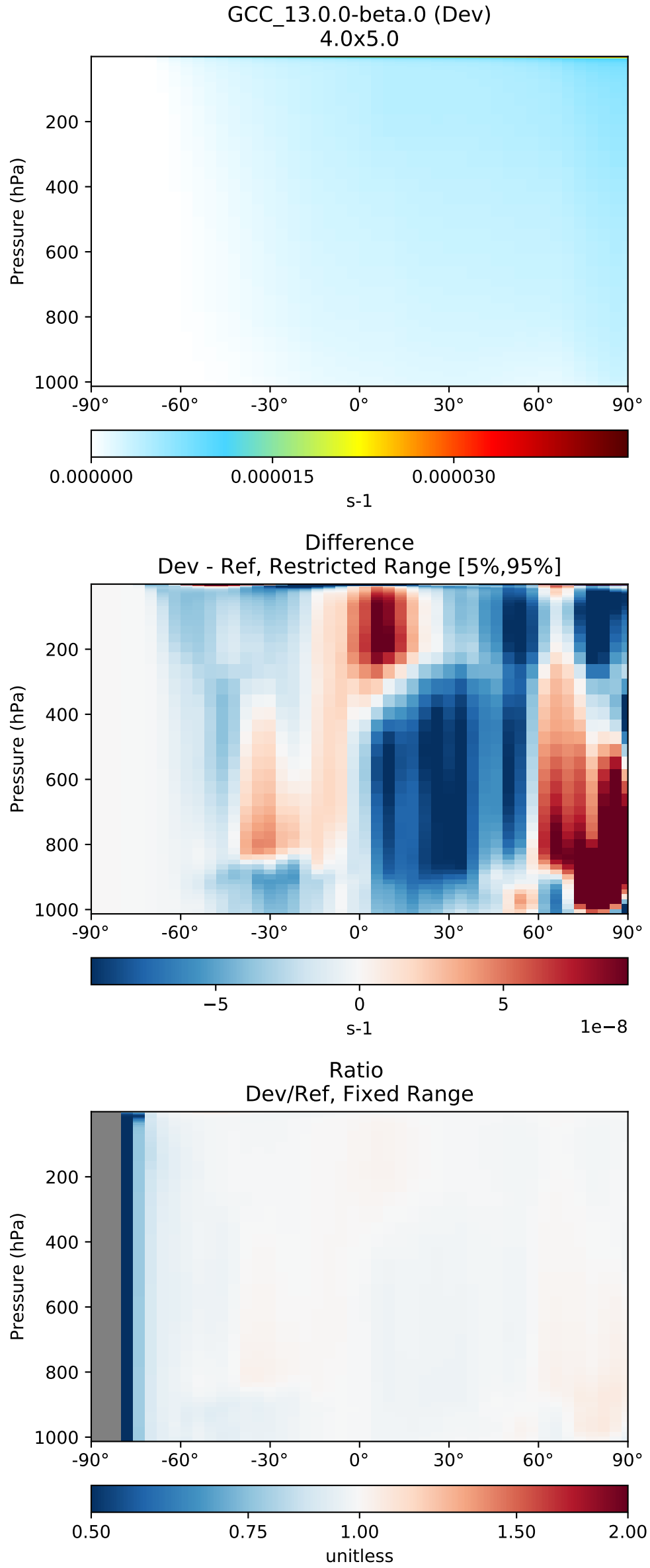
# Jval_RA3P, Zonal Mean



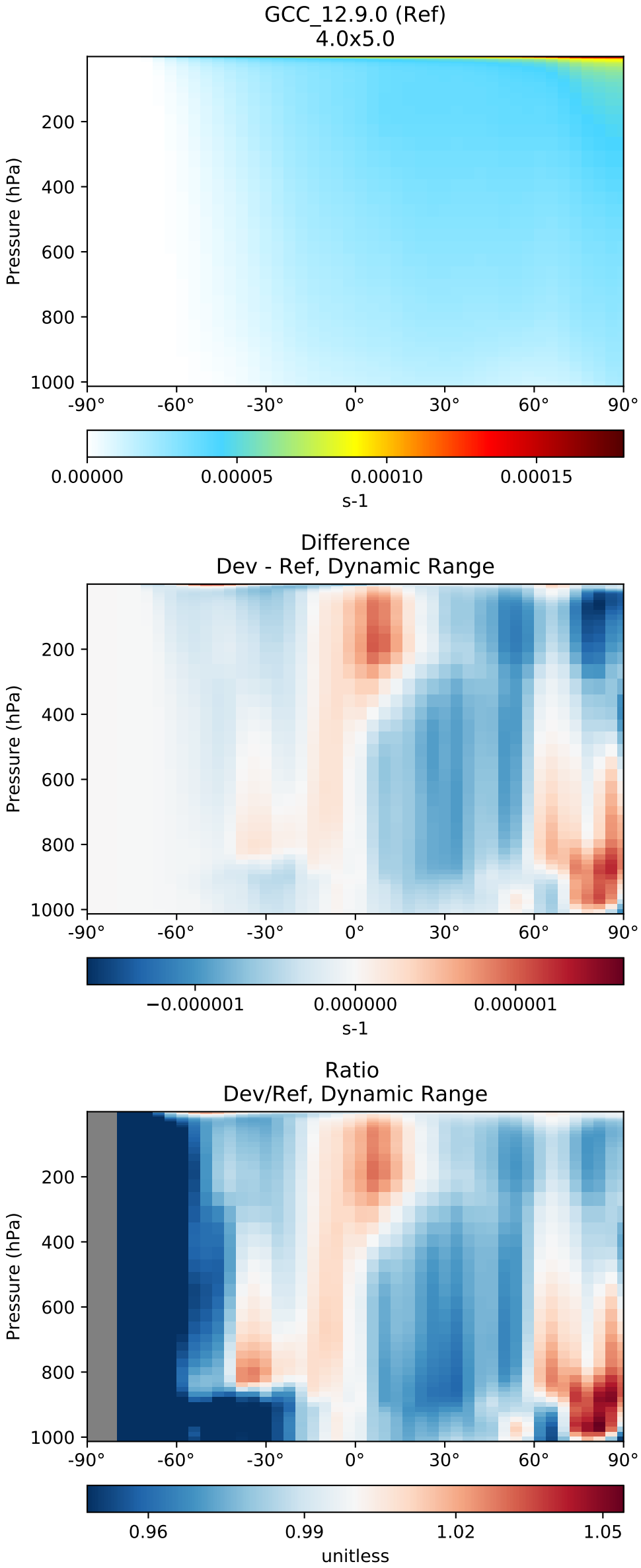



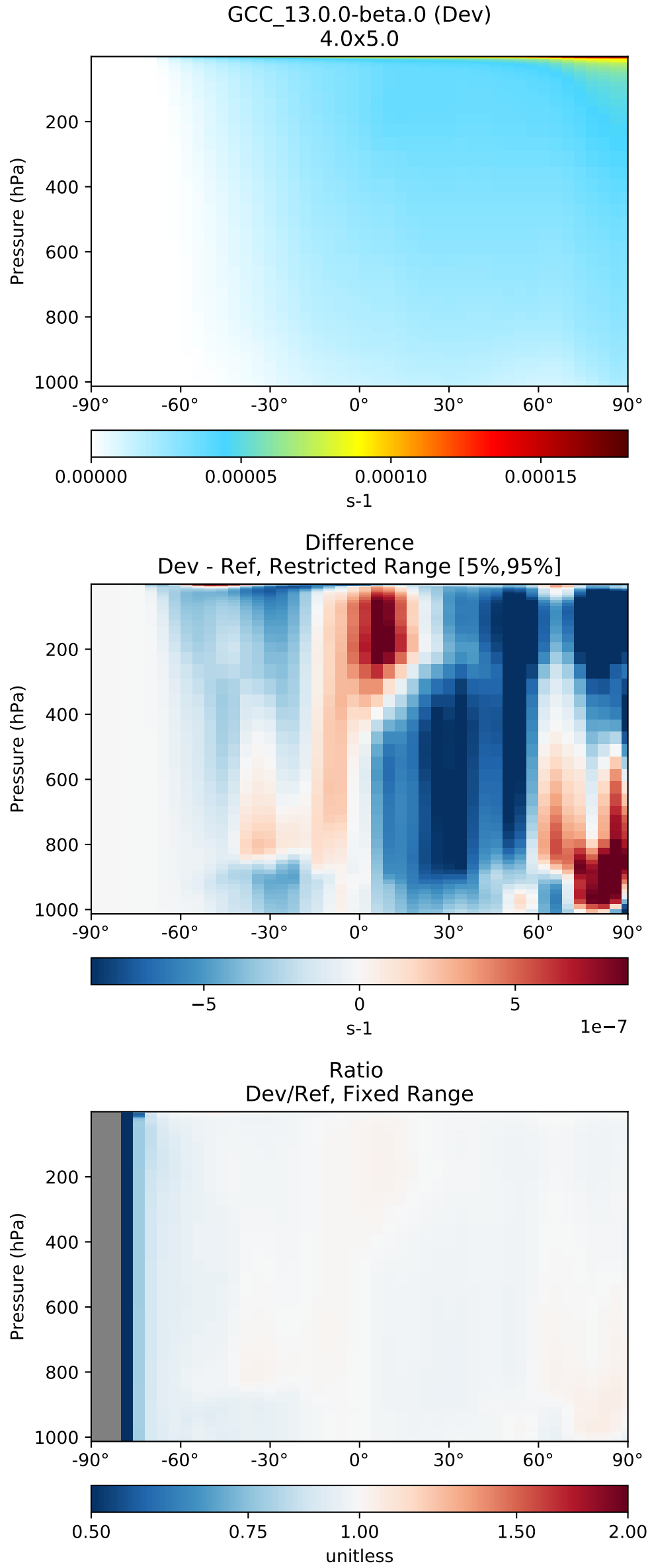
# Jval_RB3P, Zonal Mean



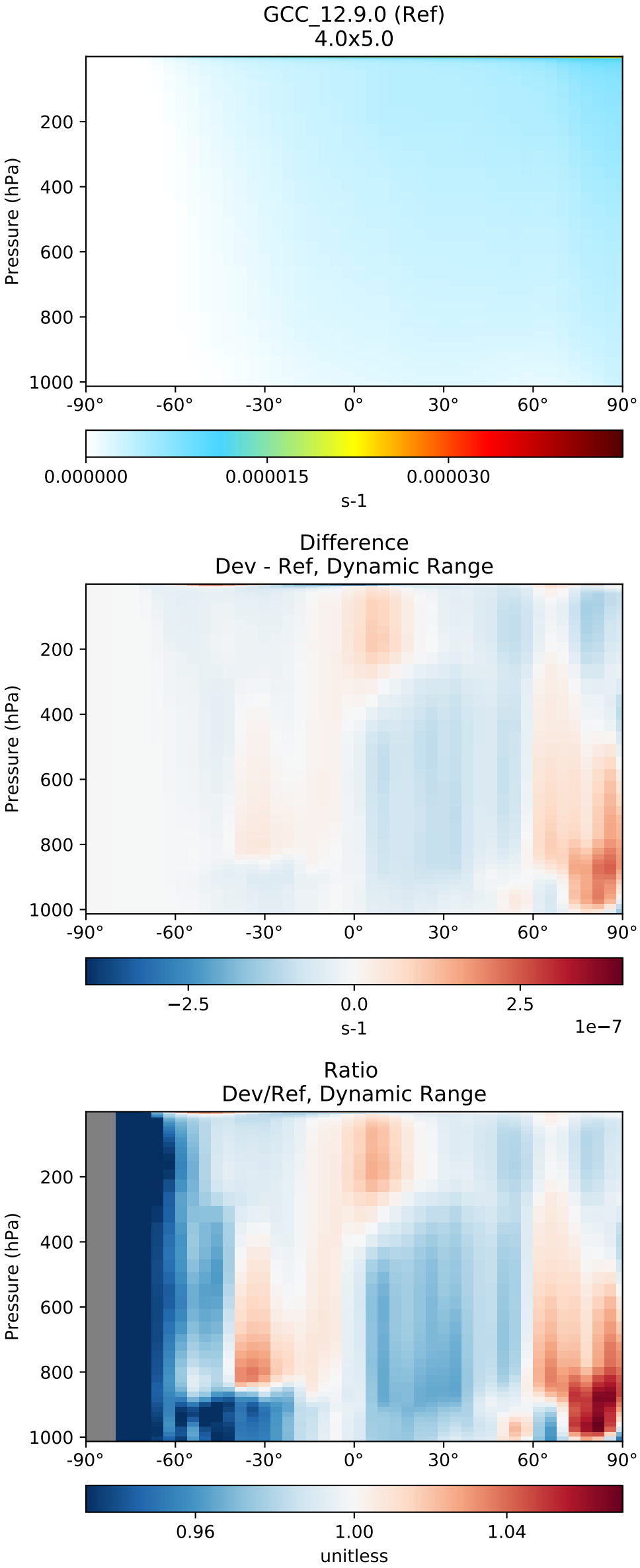



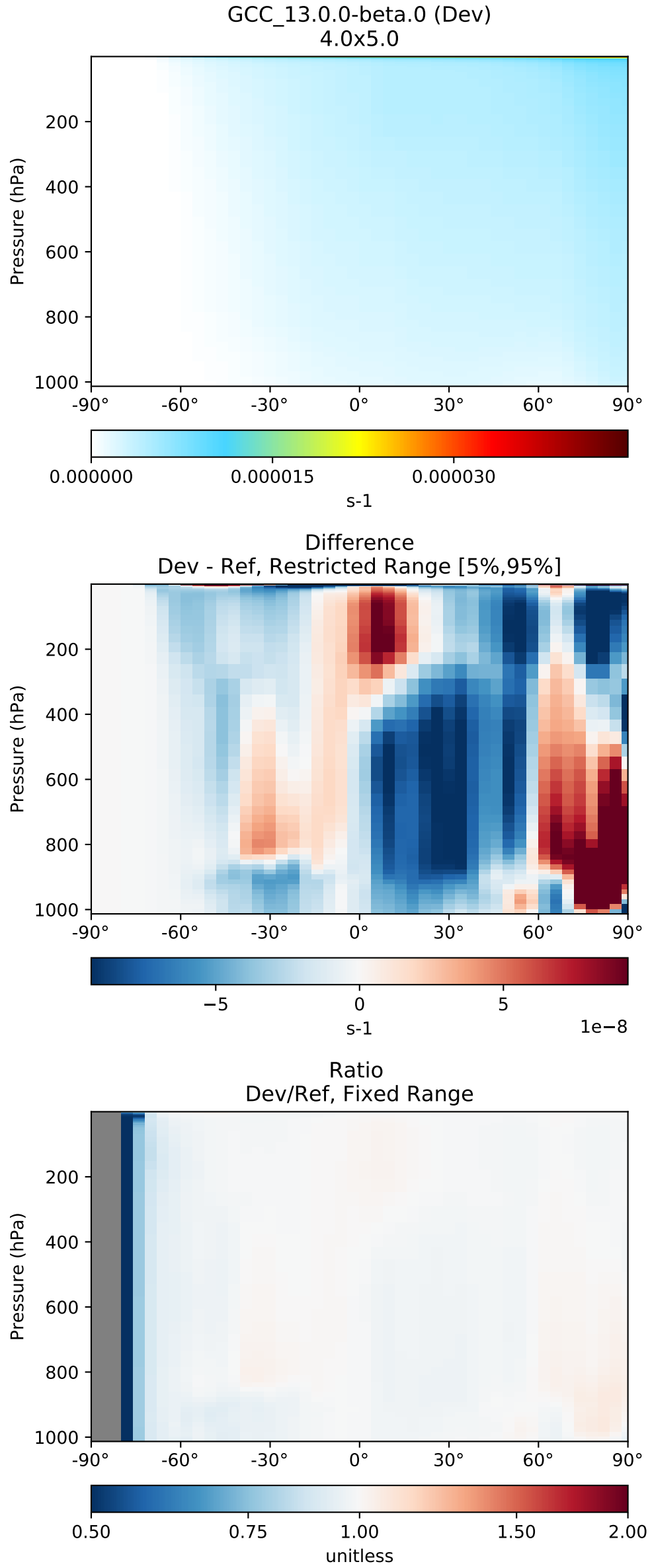
# Jval_RCHO, Zonal Mean



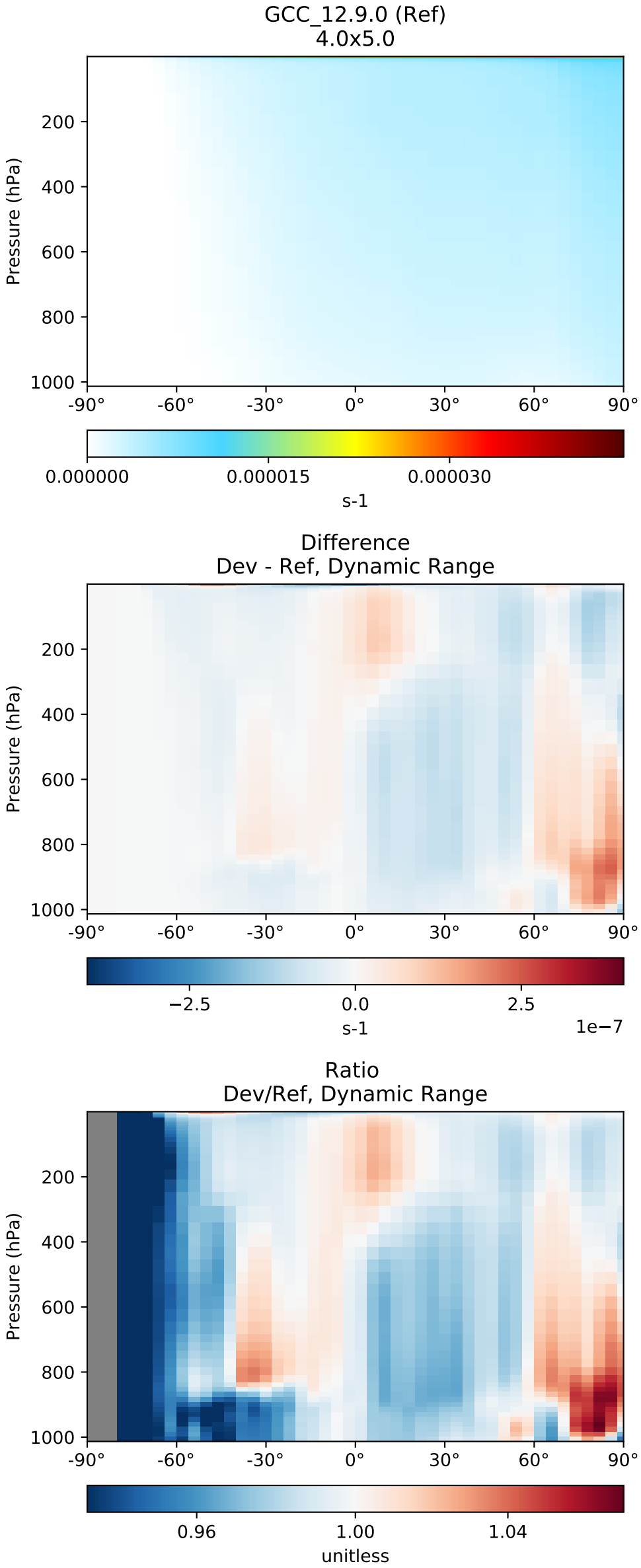



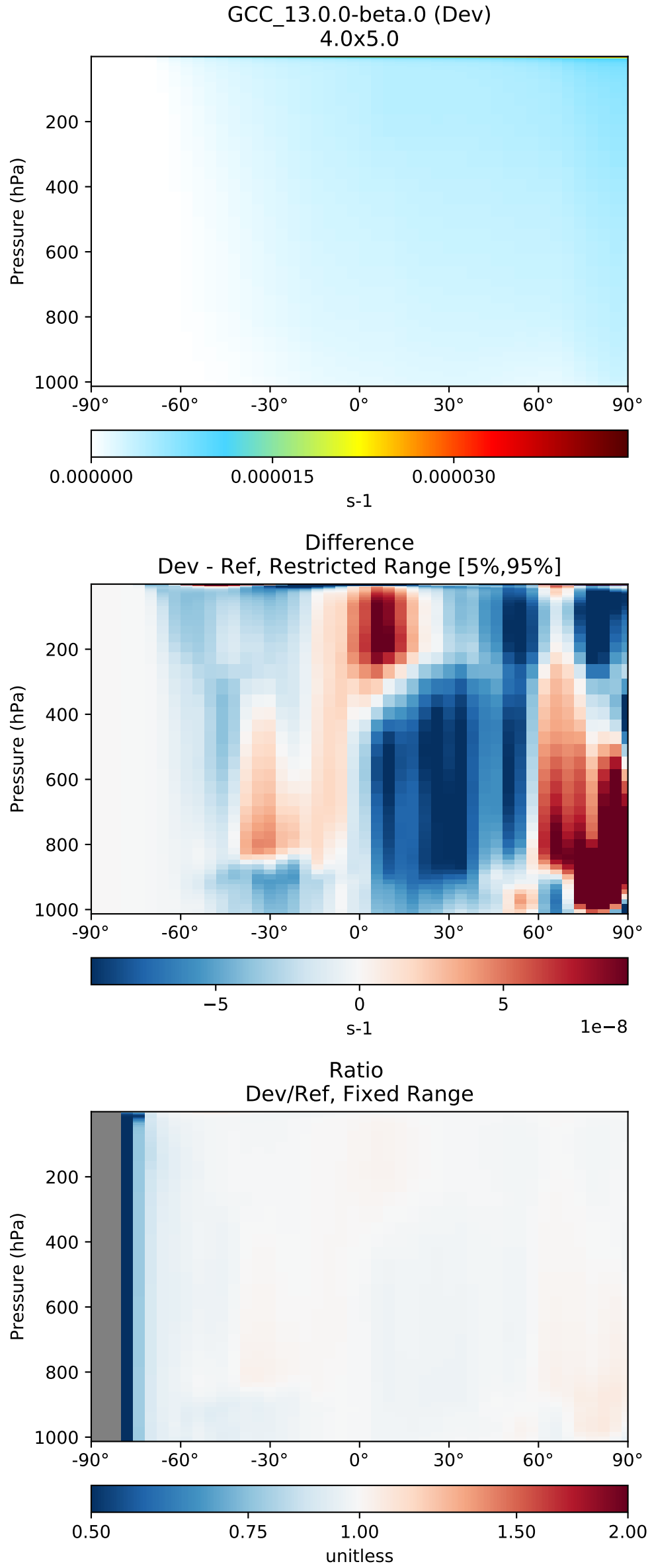
# Jval_RIPA, Zonal Mean



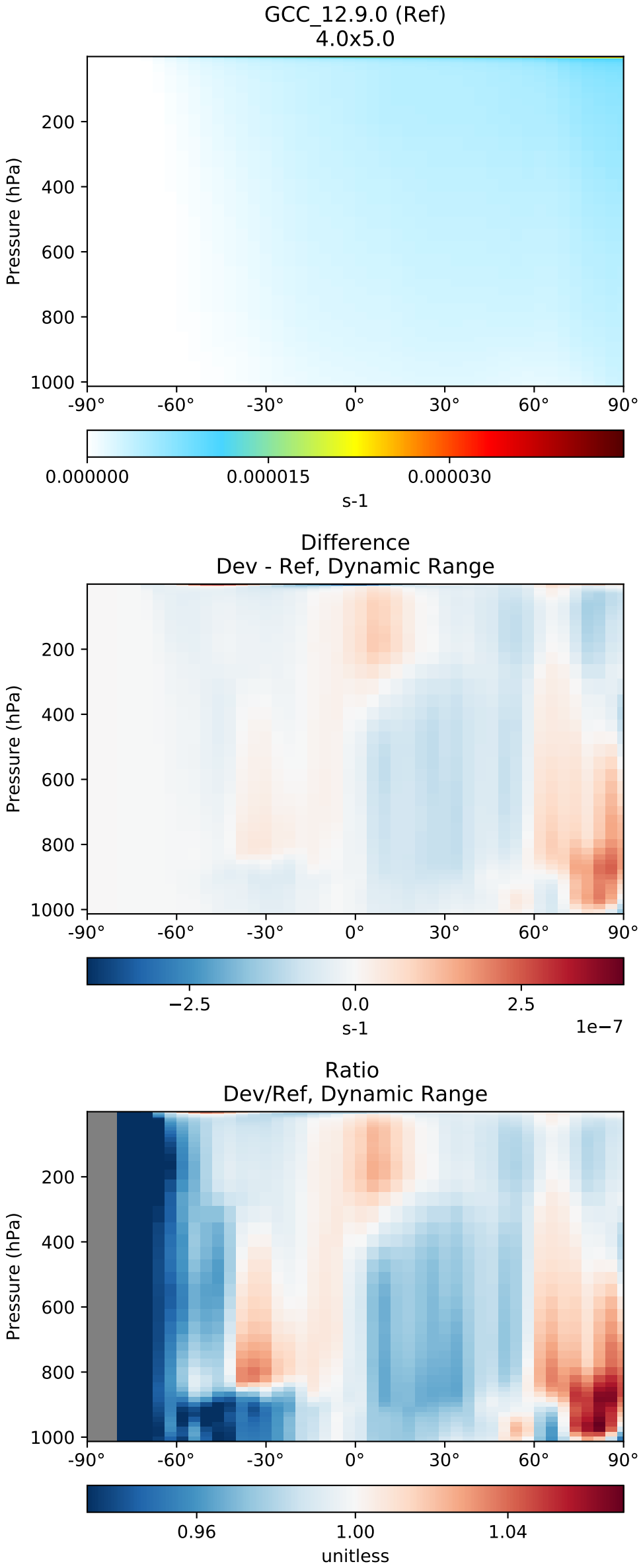



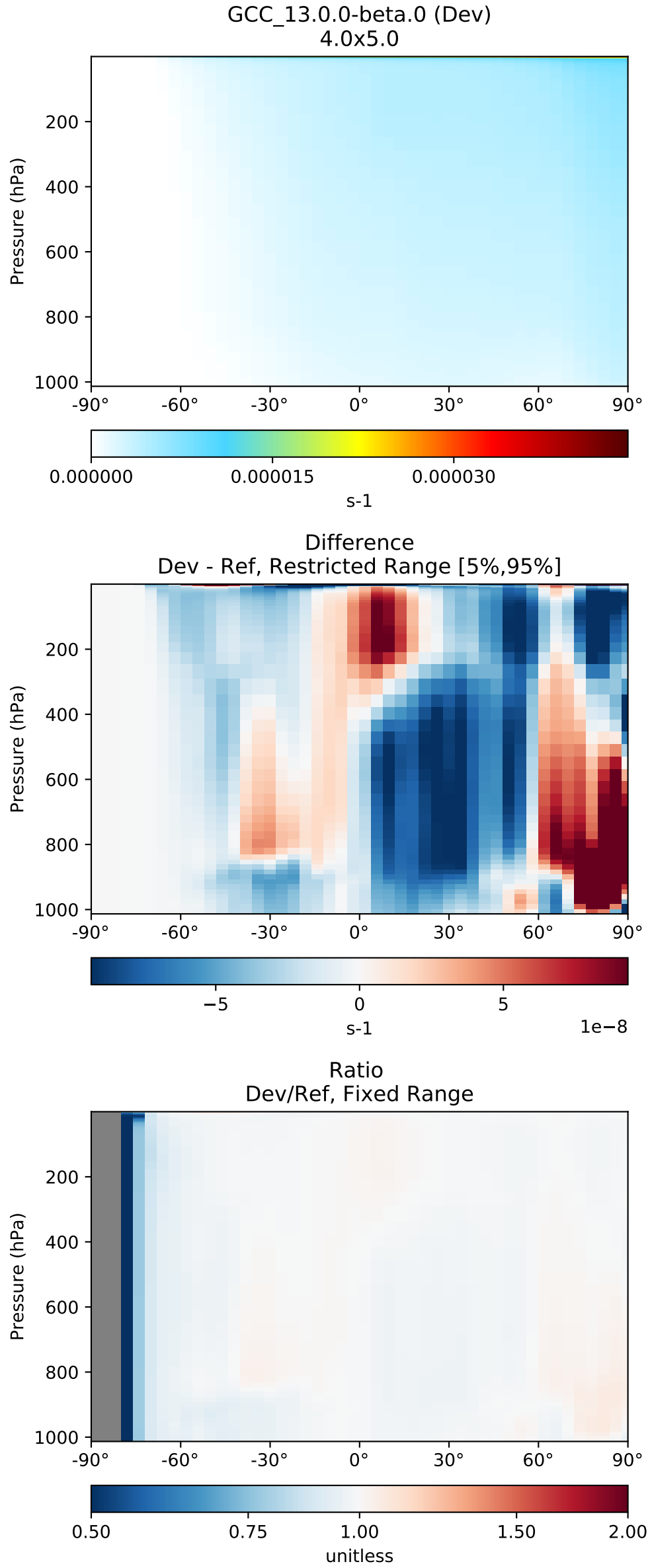
# Jval_RIPB, Zonal Mean



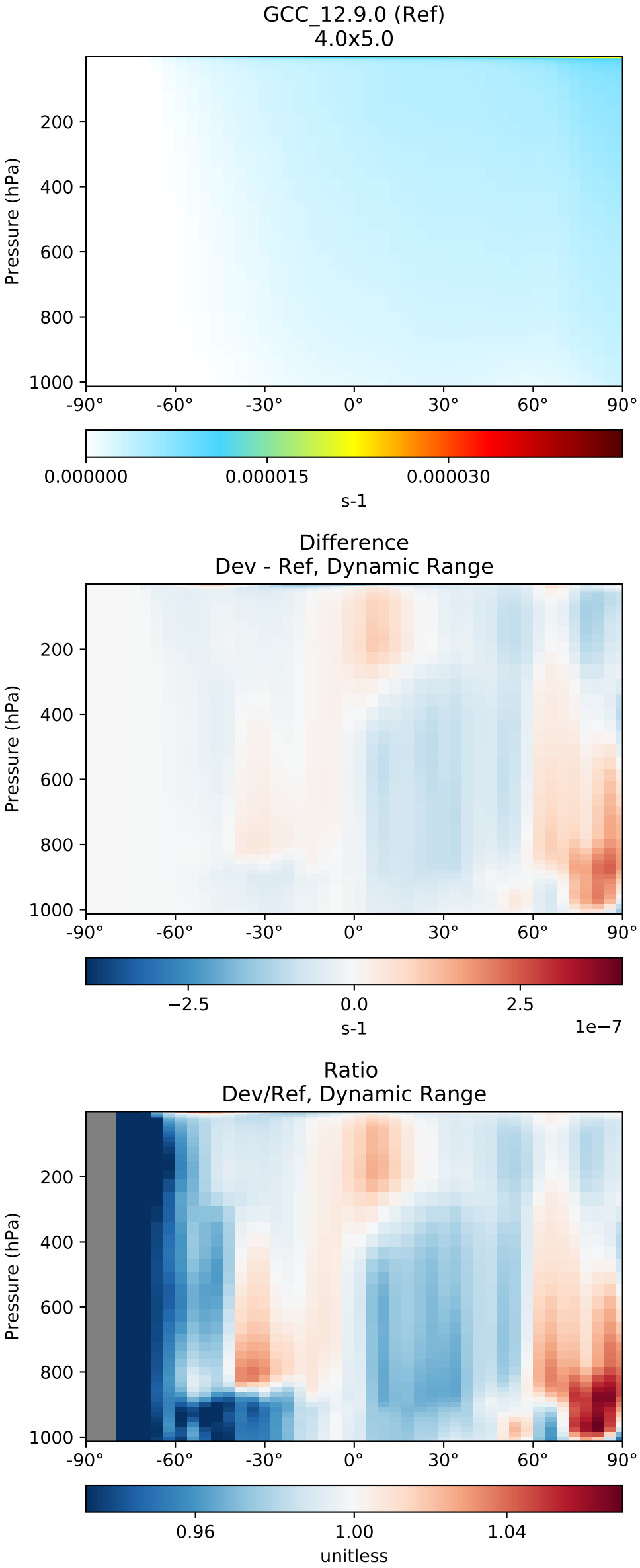



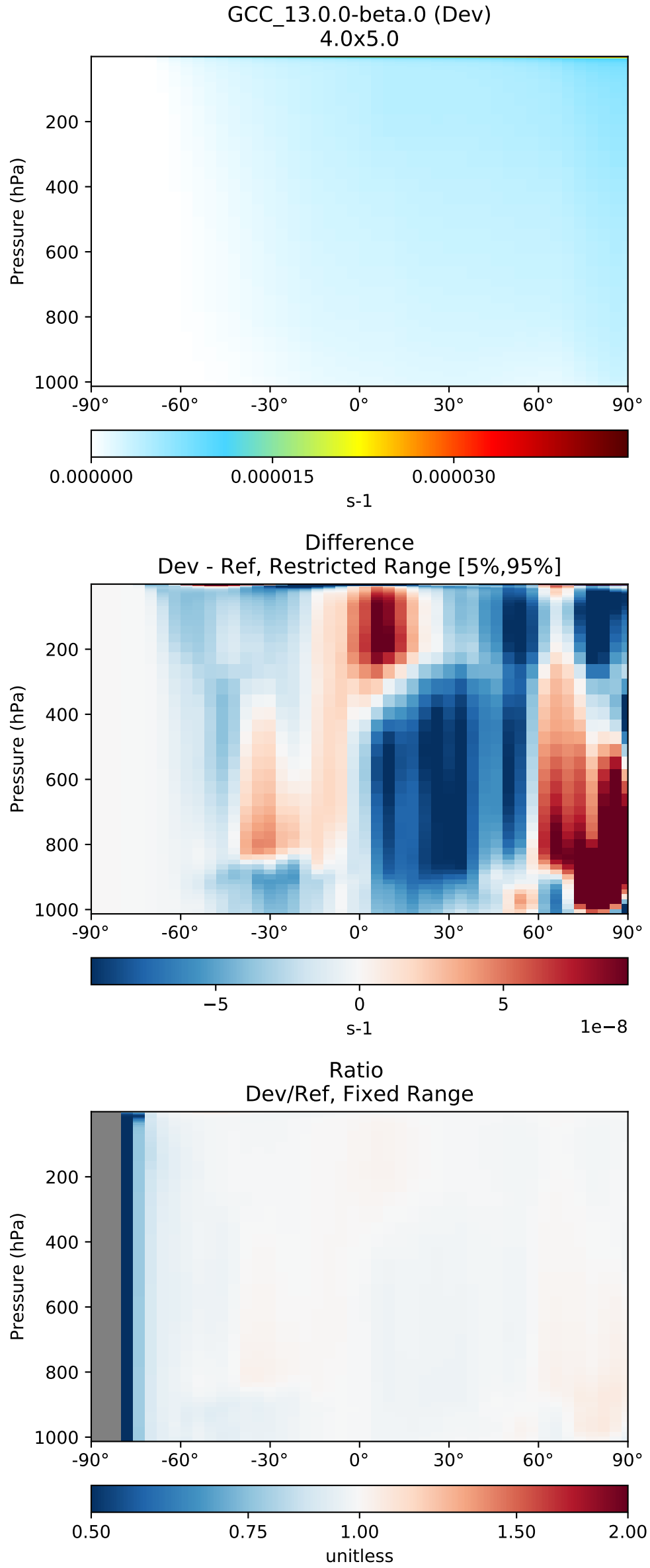
# Jval_RIPC, Zonal Mean



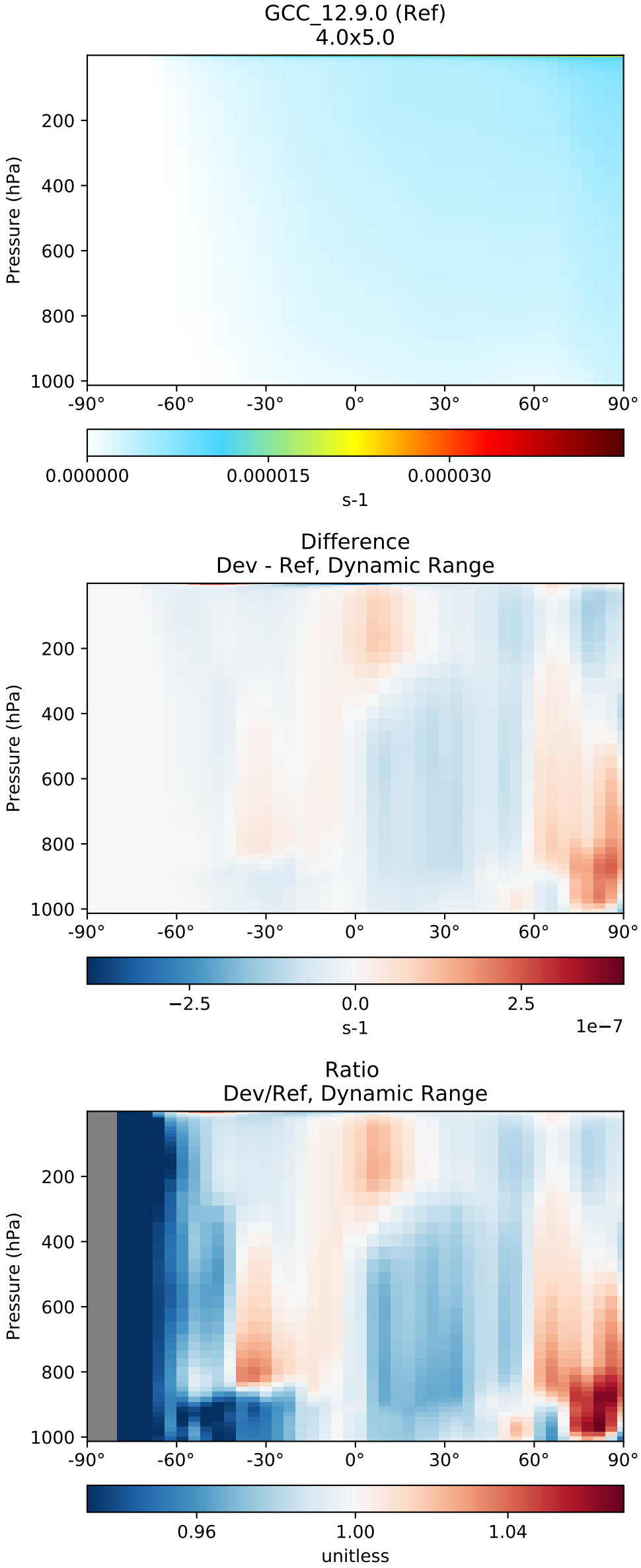



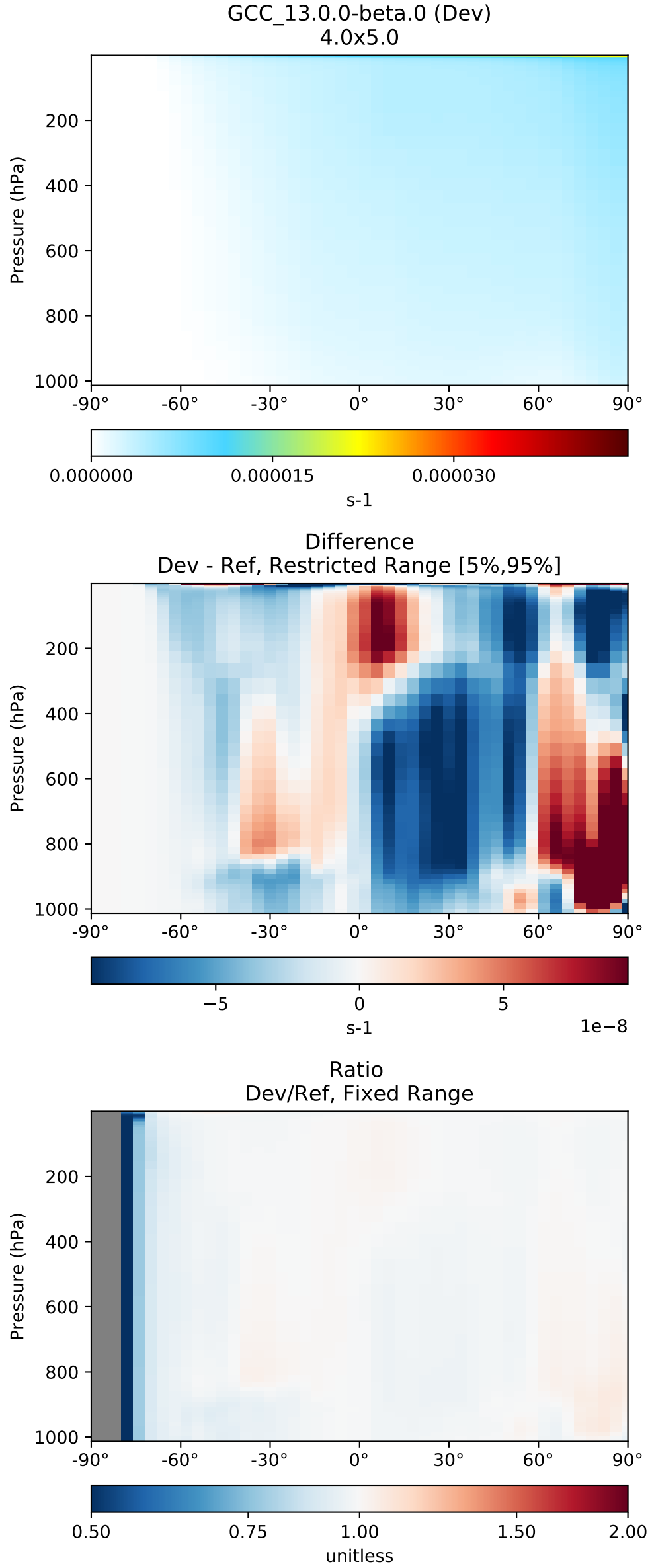
# Jval_RIPD, Zonal Mean



# Jval_RP, Zonal Mean



# Jval_SO4, Zonal Mean

