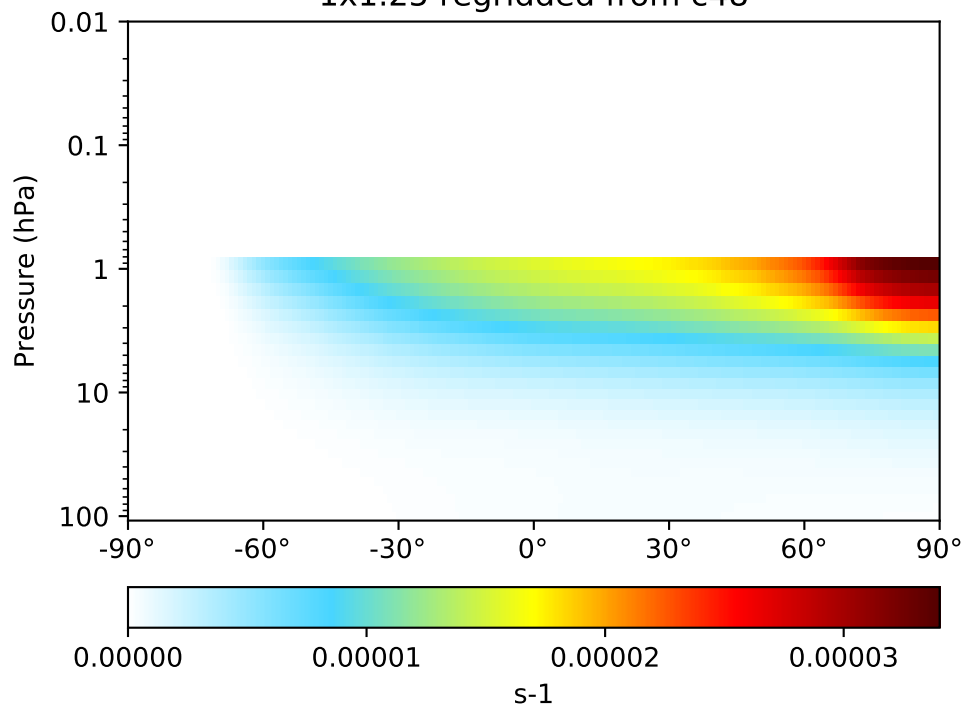
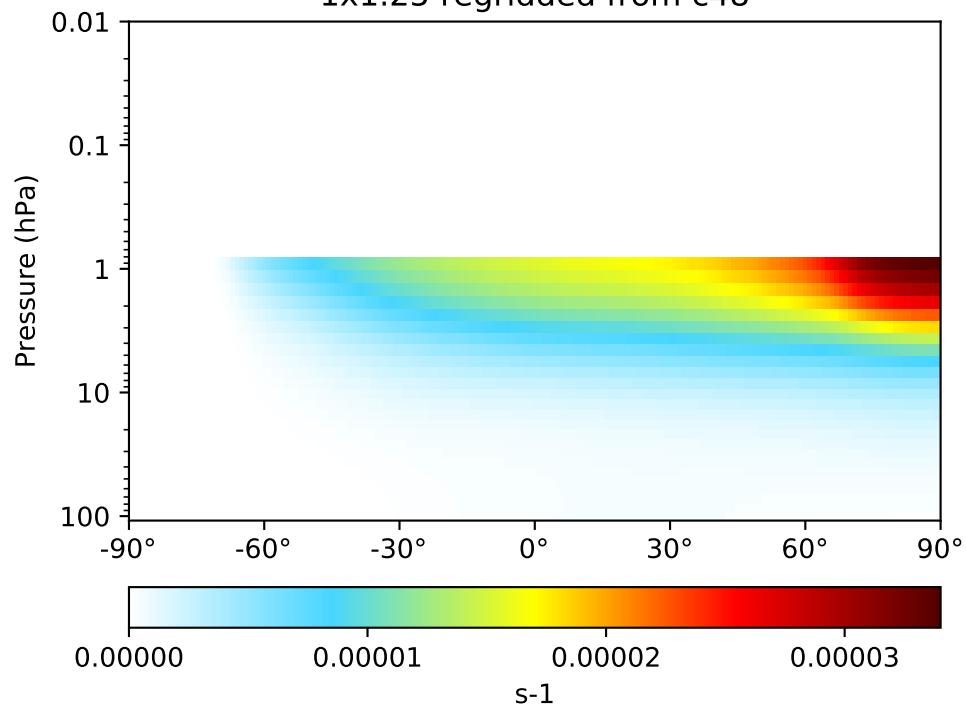


Jval_ACET, Zonal Mean

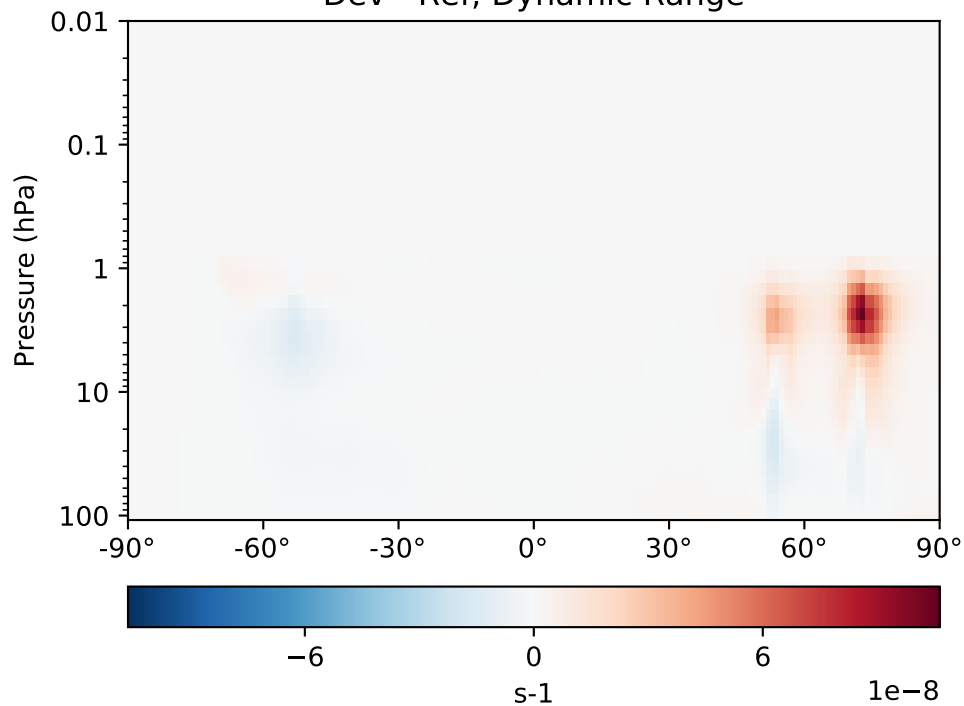
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



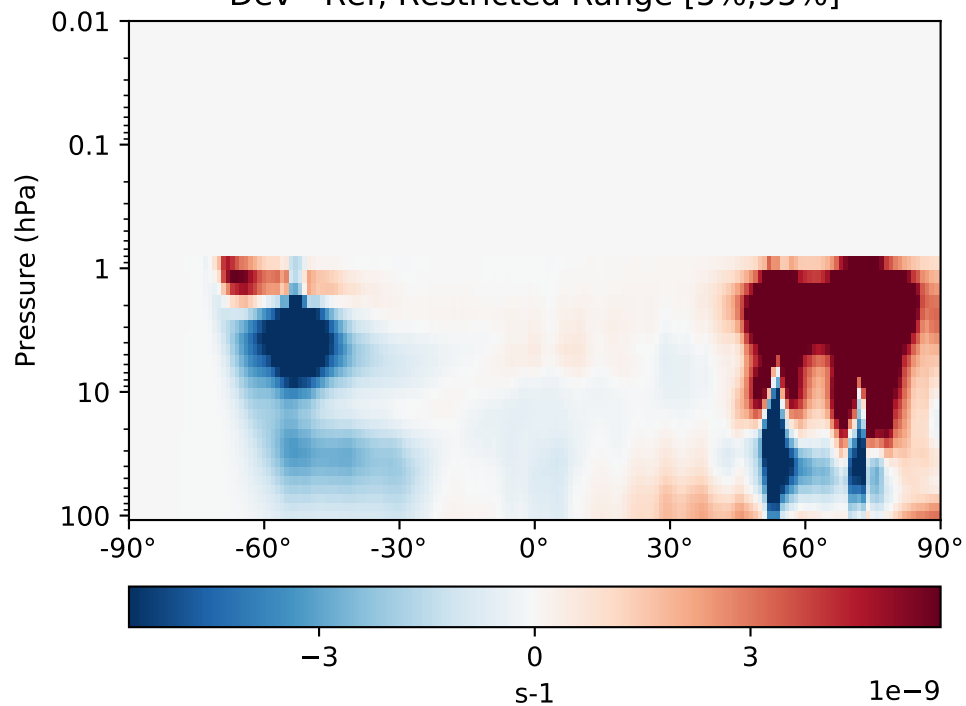
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



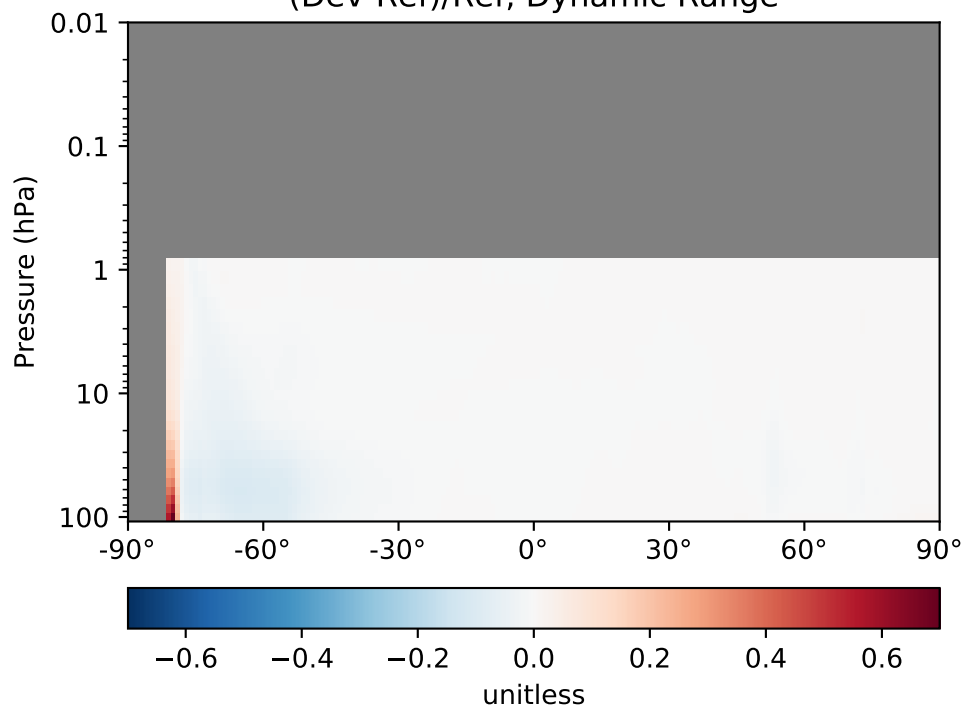
Difference (1x1.25)
Dev - Ref, Dynamic Range



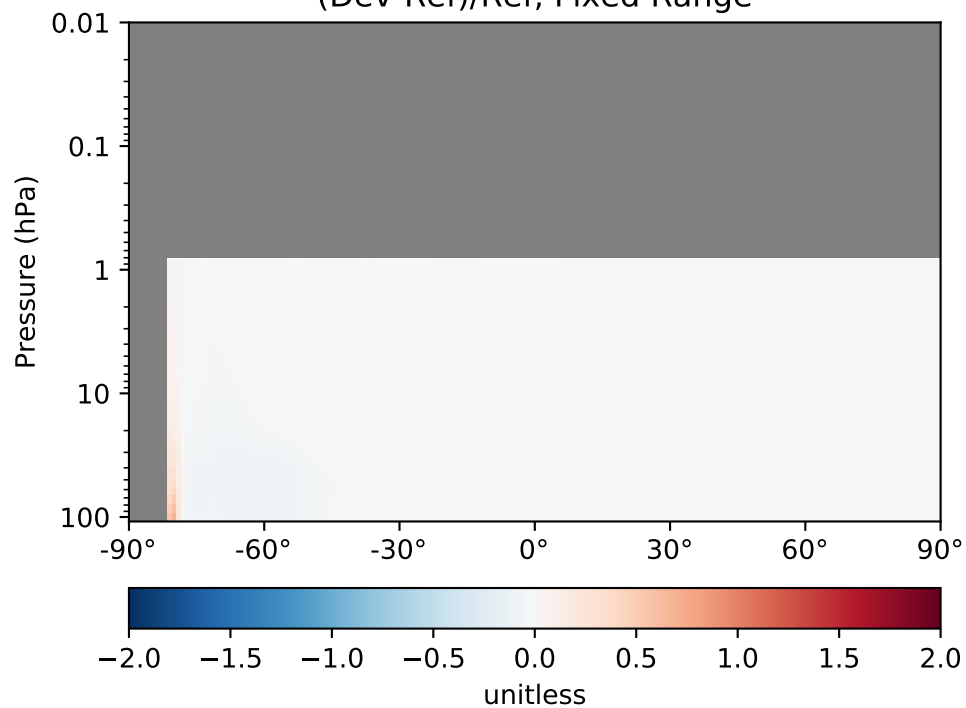
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



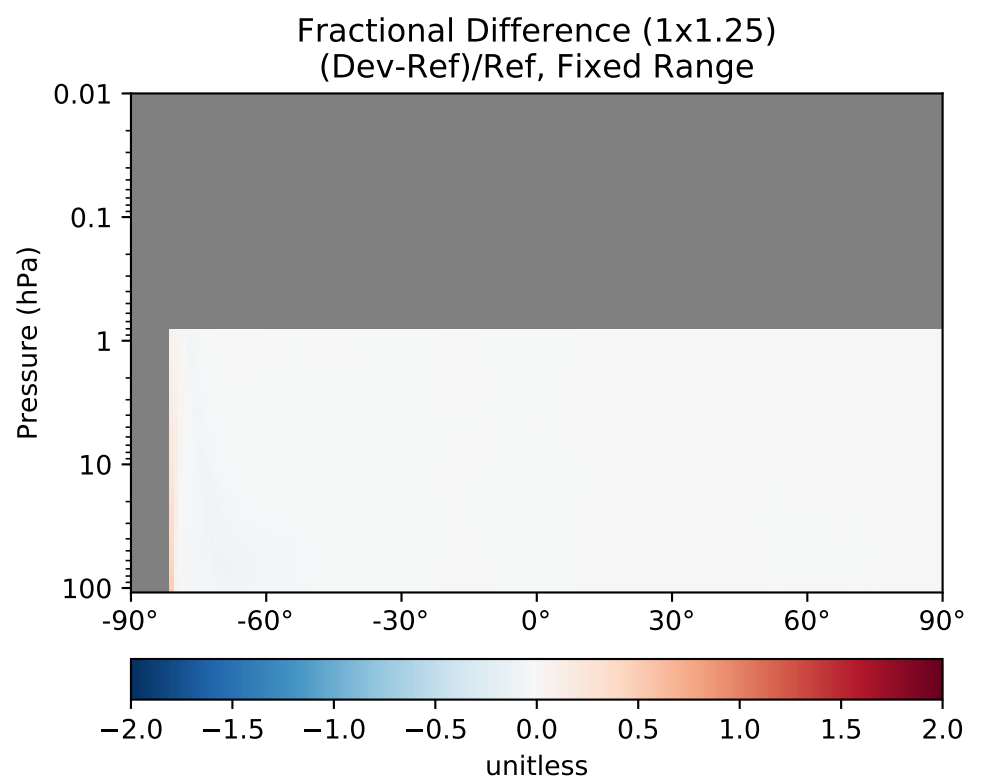
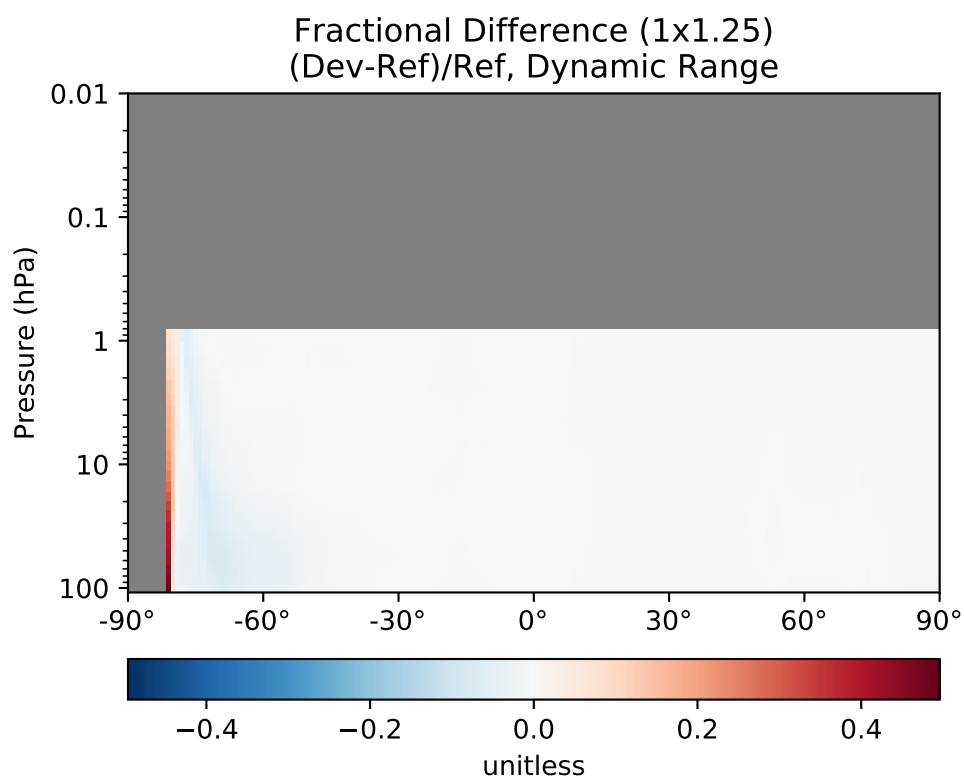
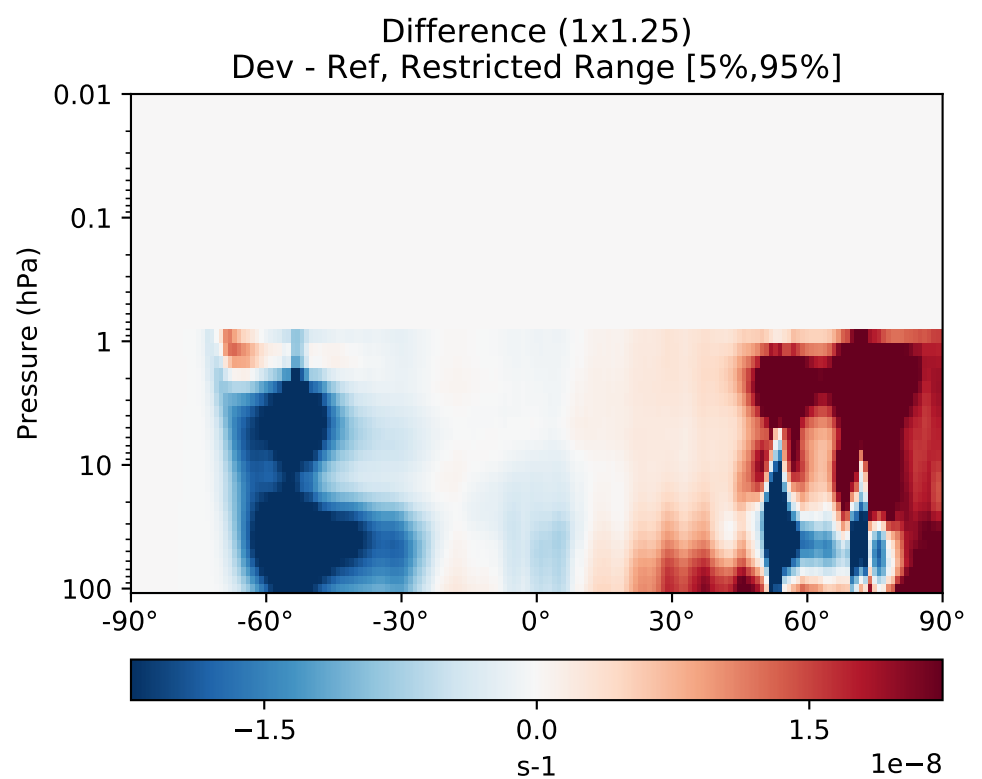
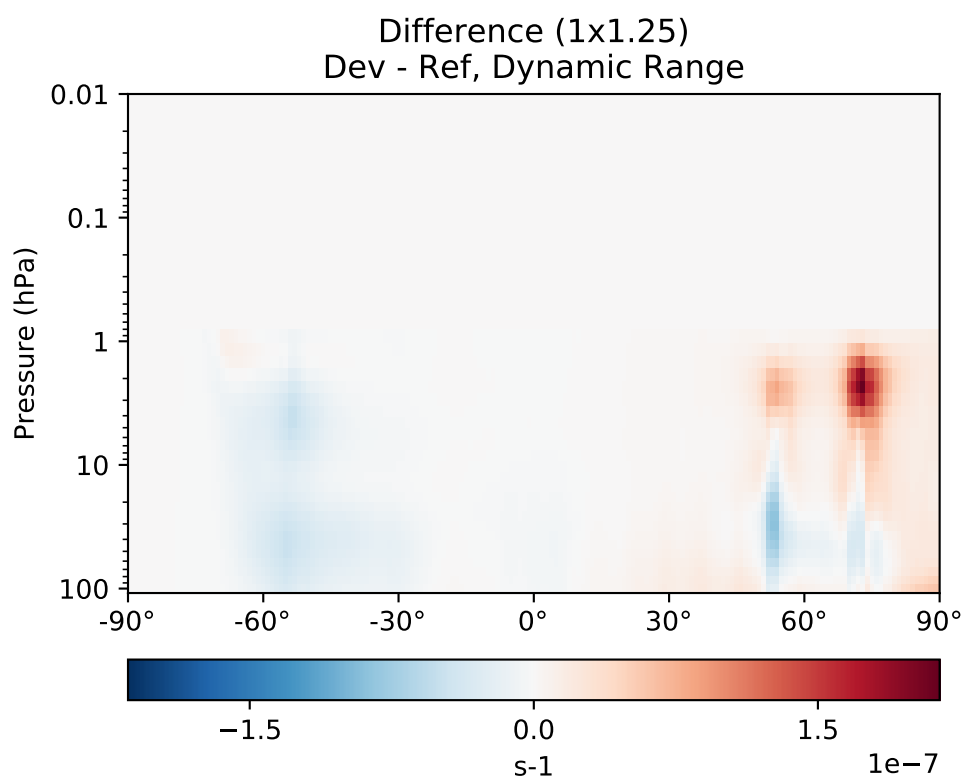
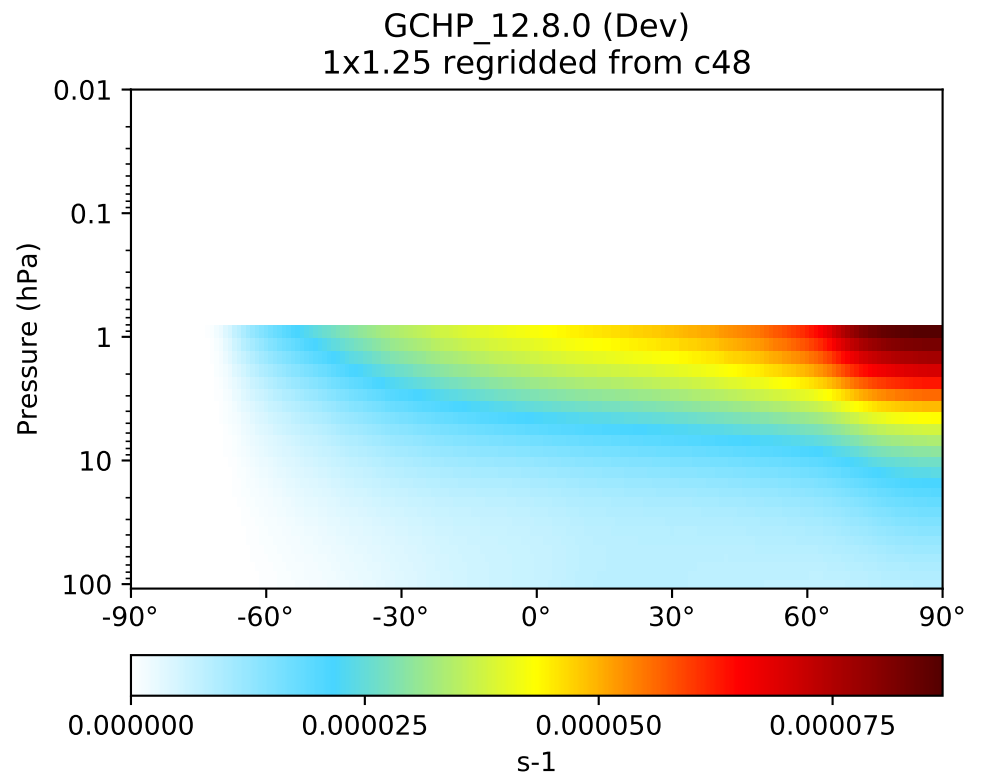
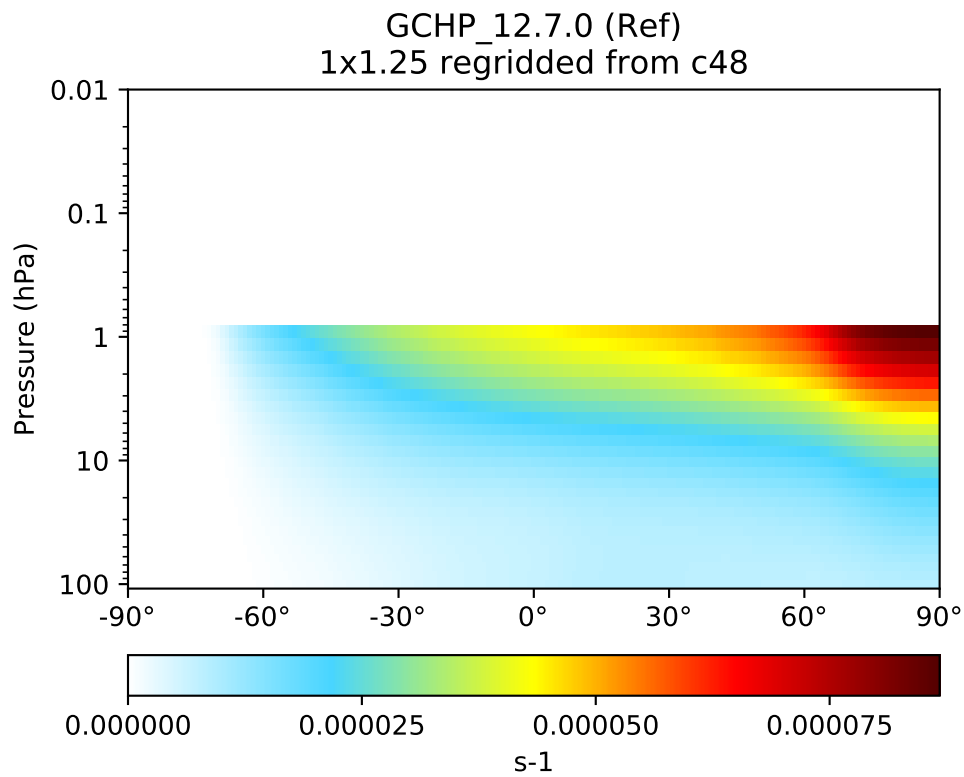
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

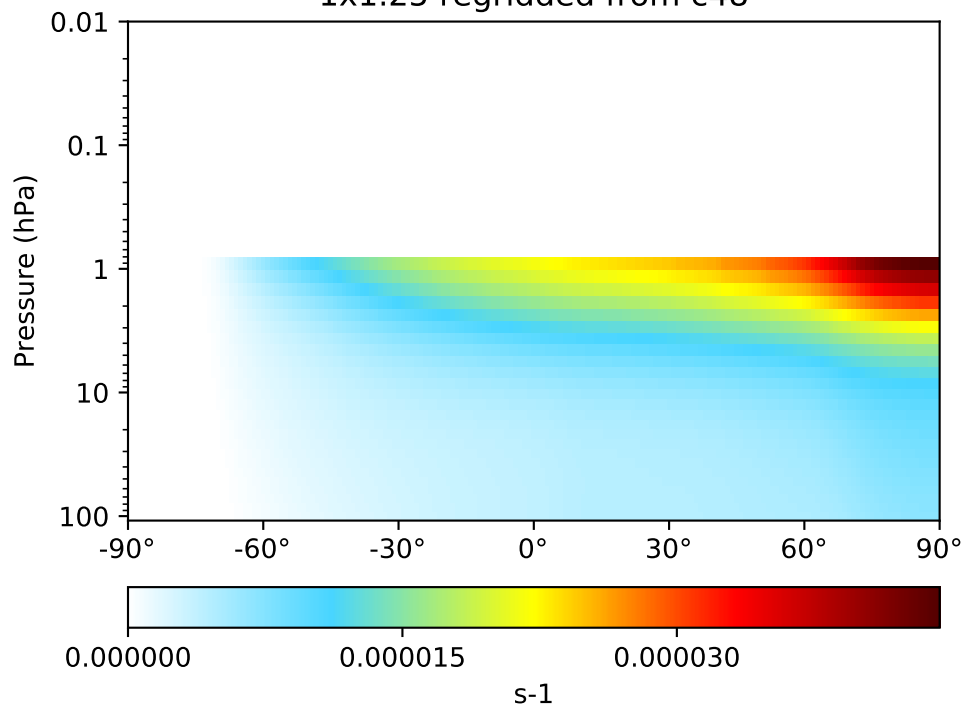


Jval_ALD2, Zonal Mean

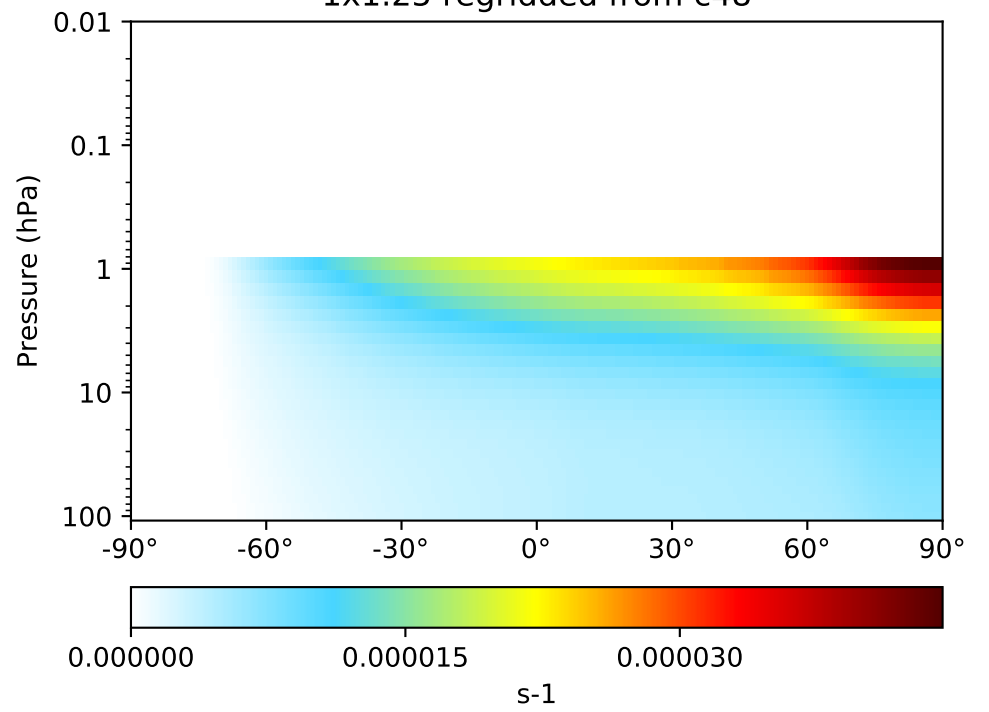


Jval_ATOOH, Zonal Mean

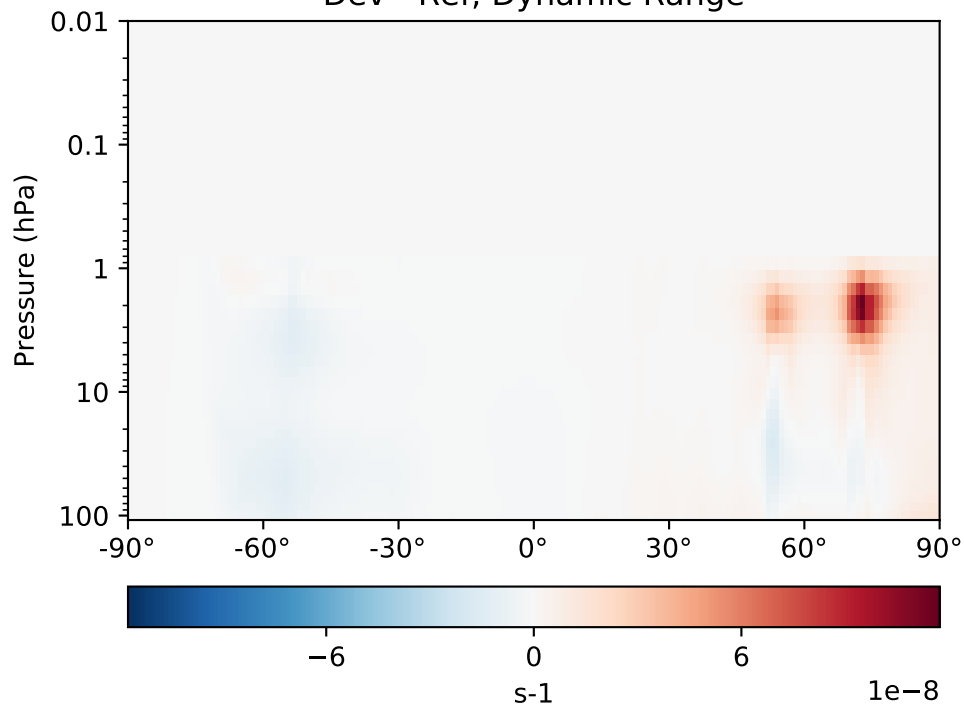
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



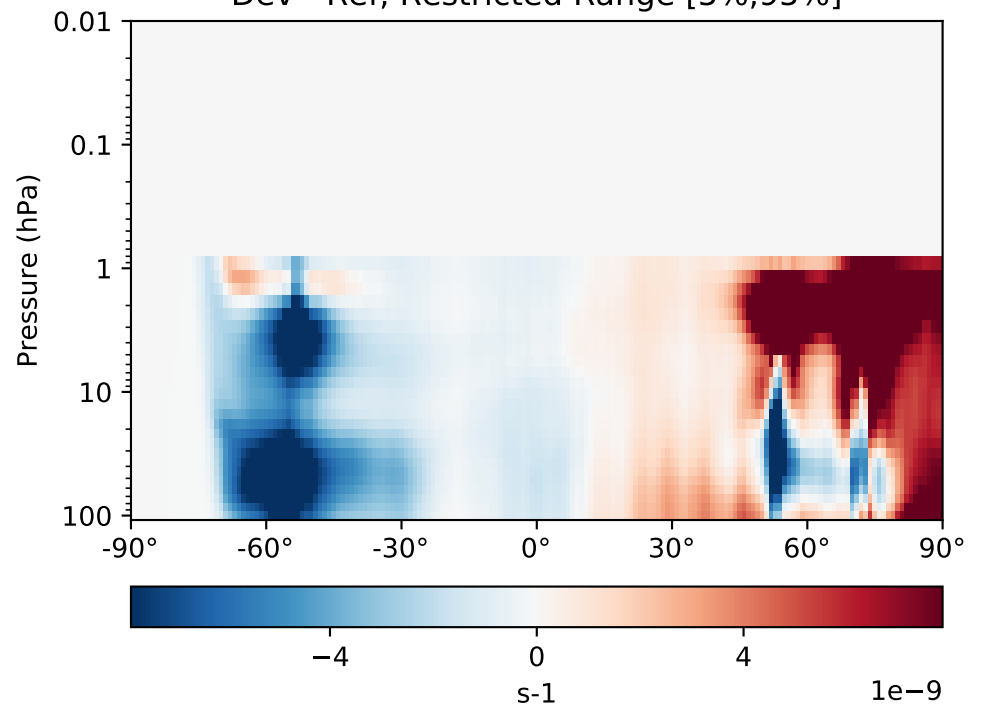
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



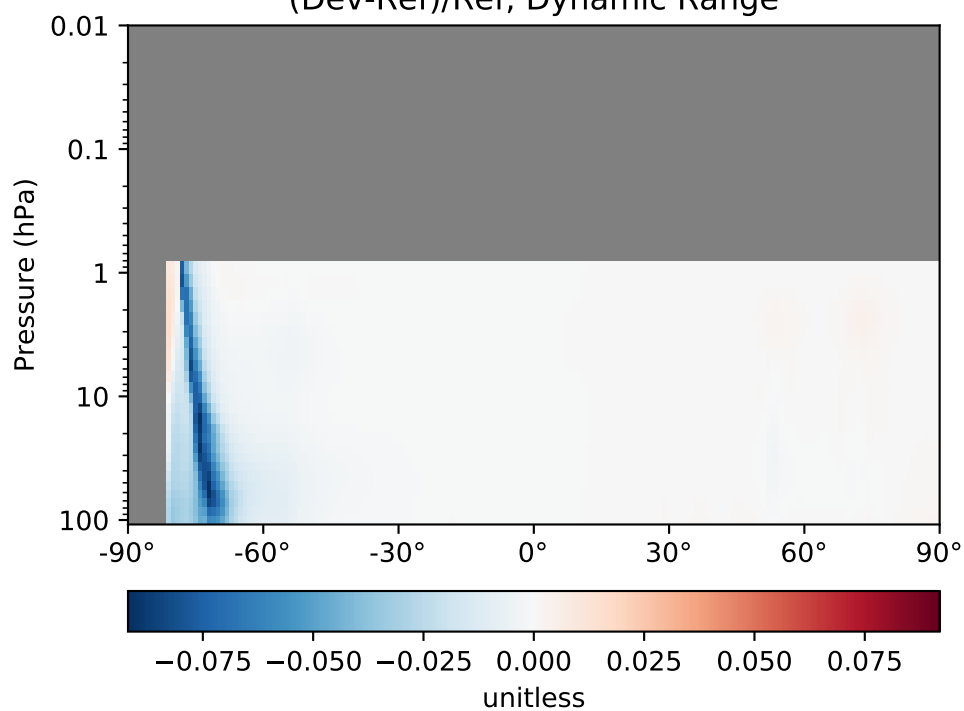
Difference (1x1.25)
Dev - Ref, Dynamic Range



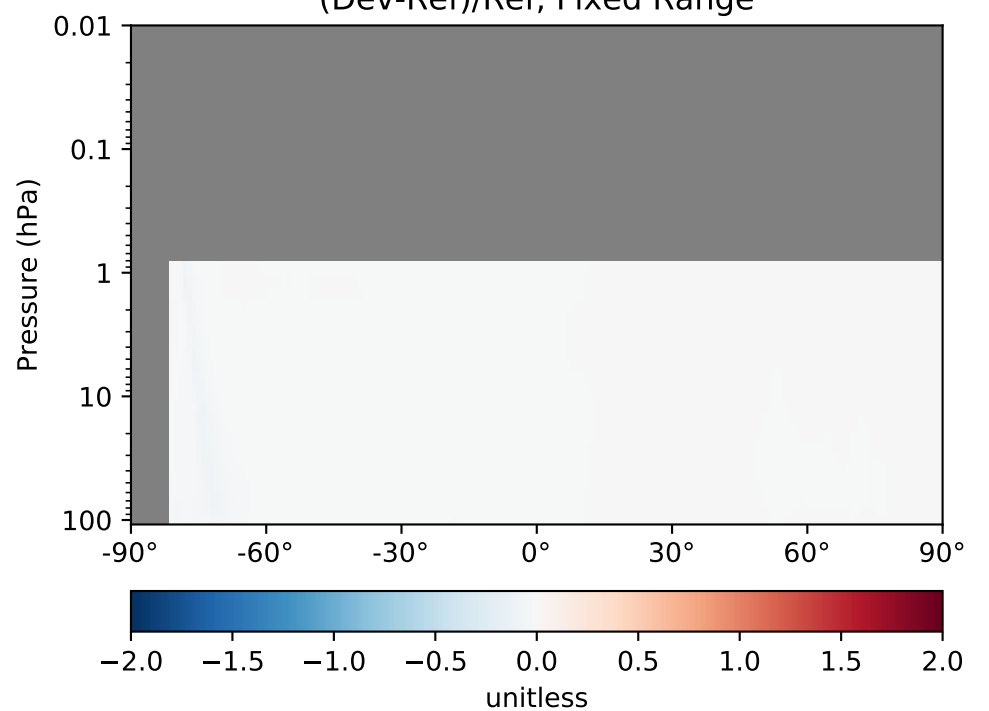
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



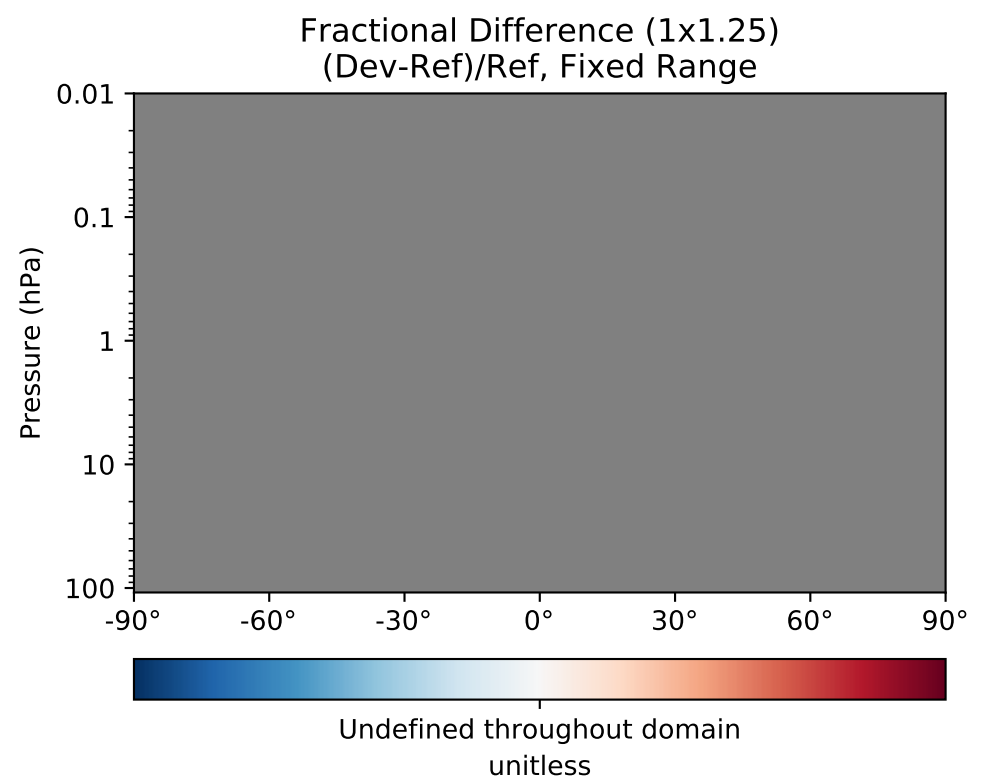
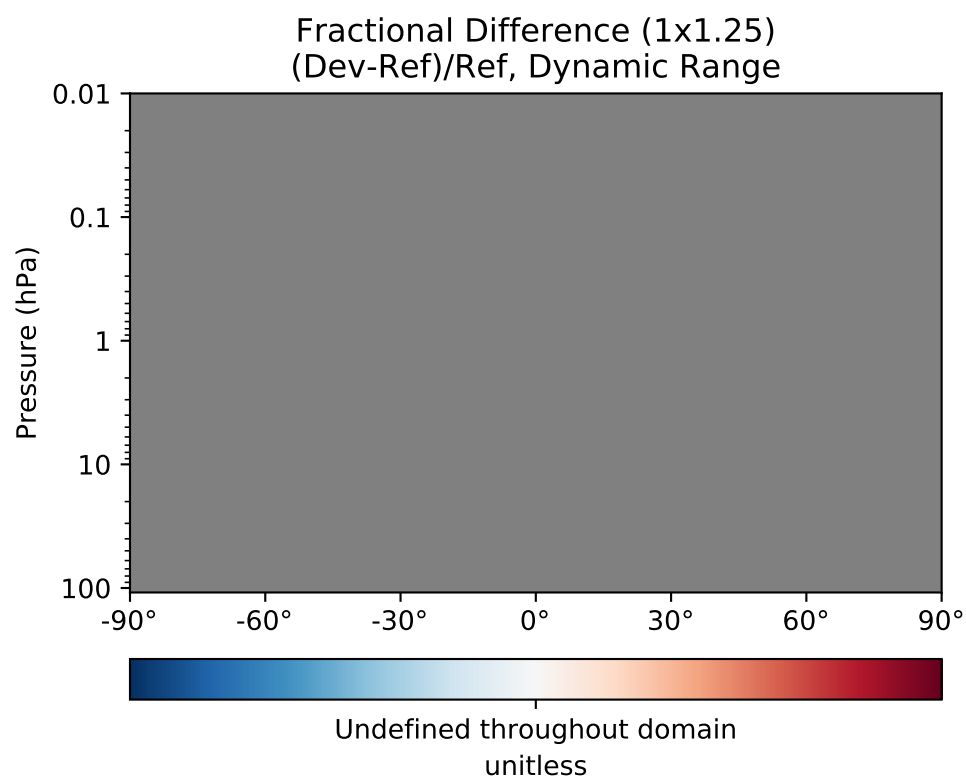
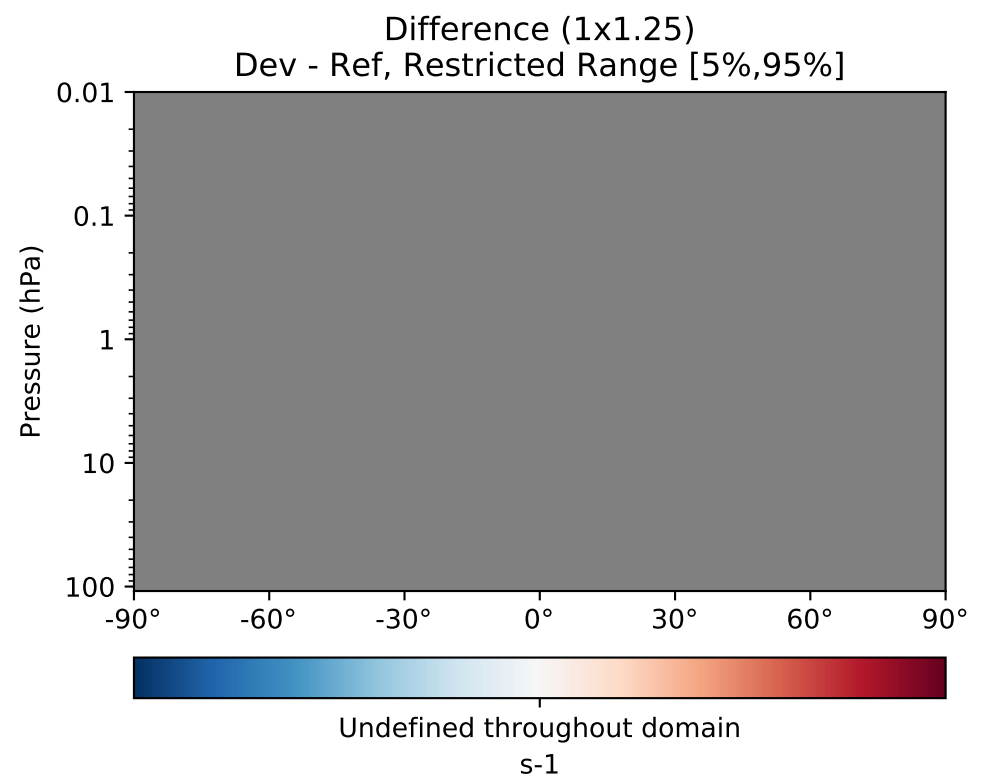
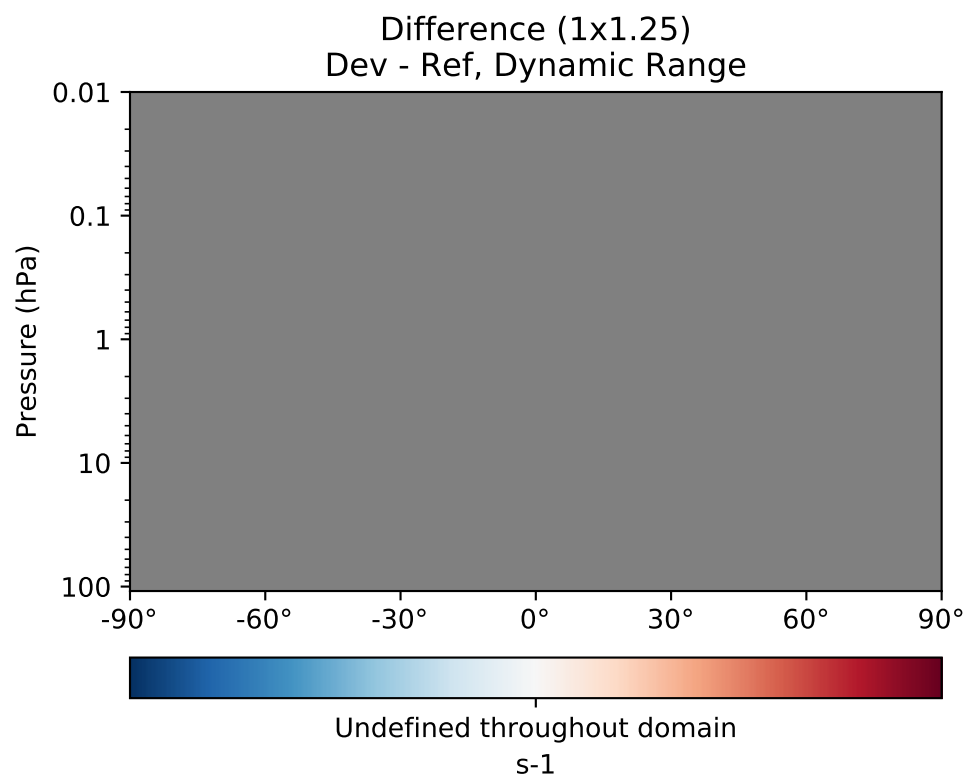
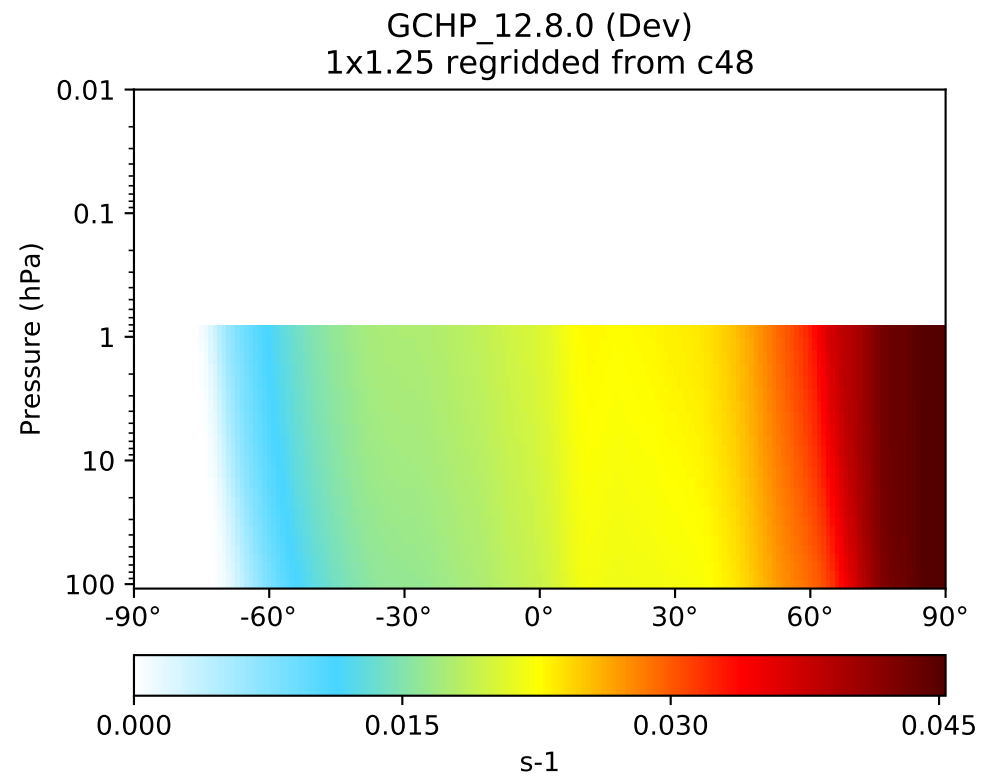
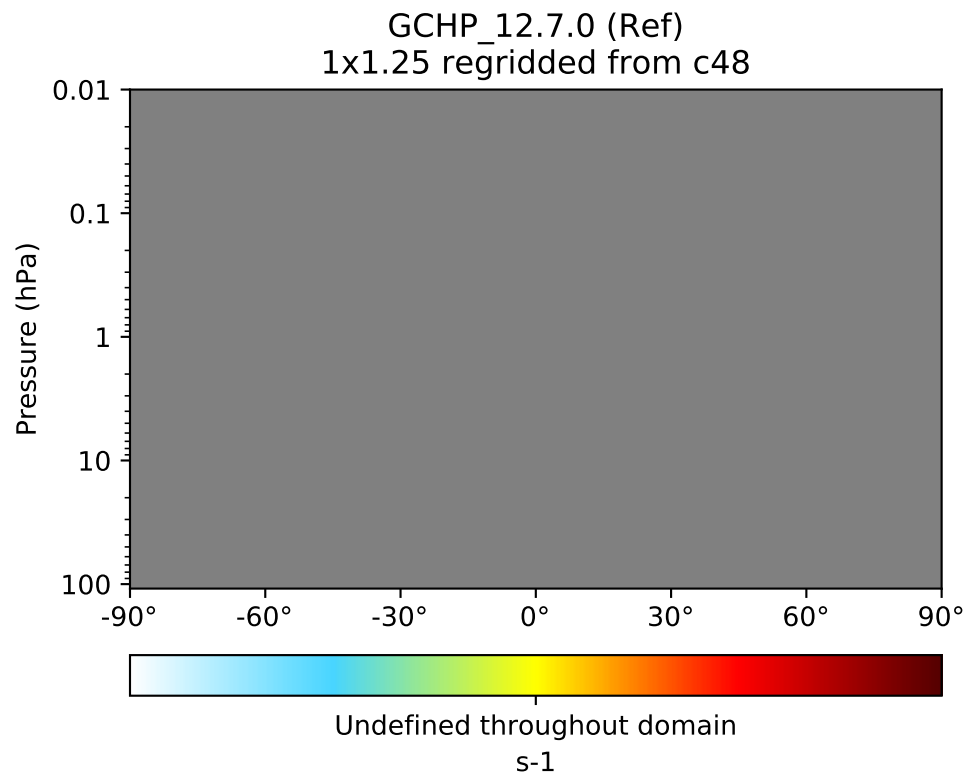
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



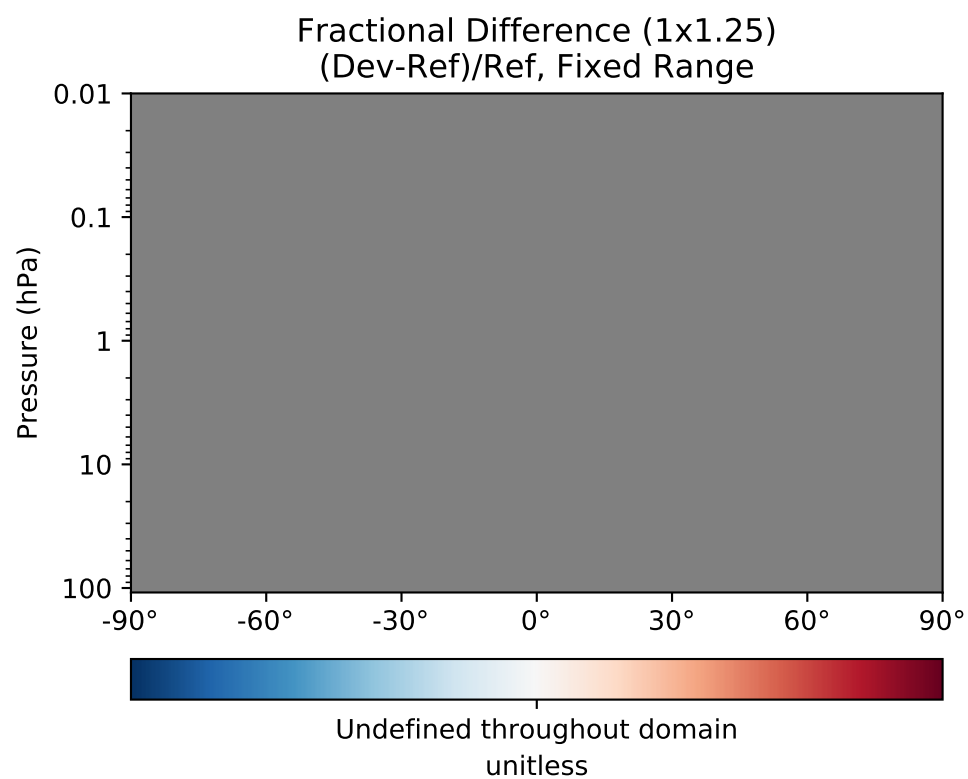
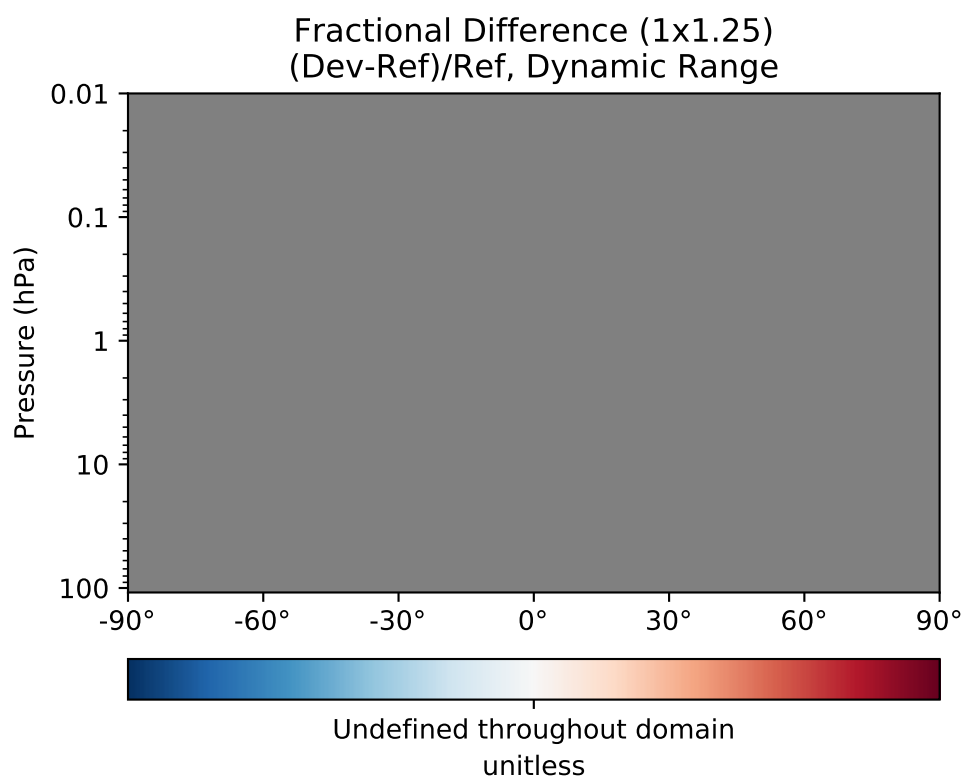
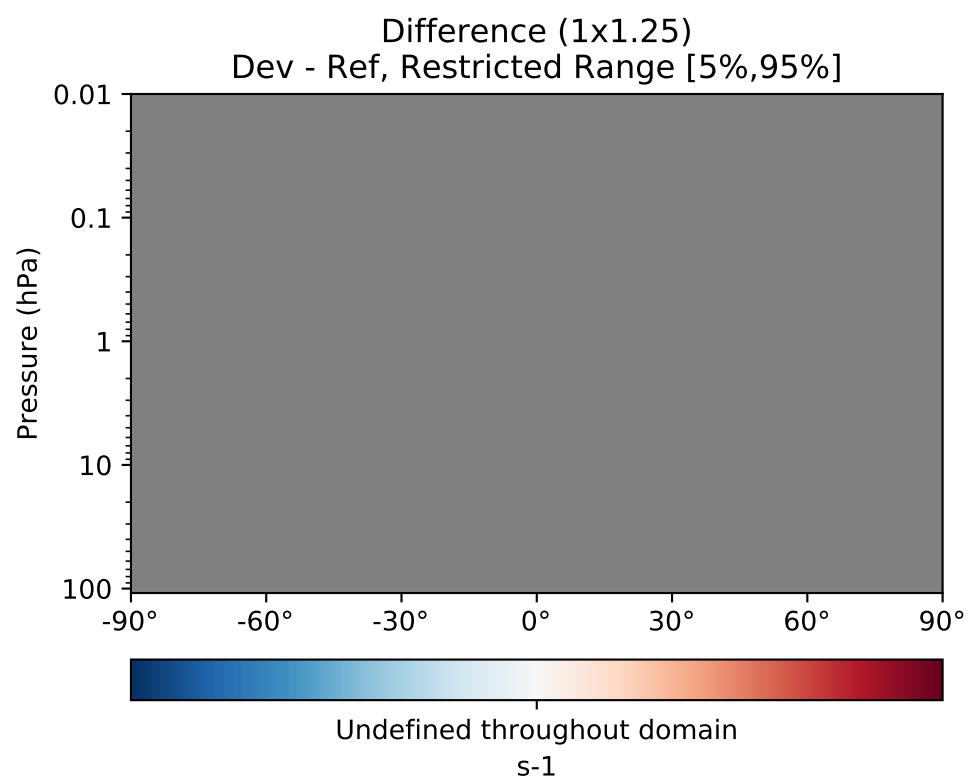
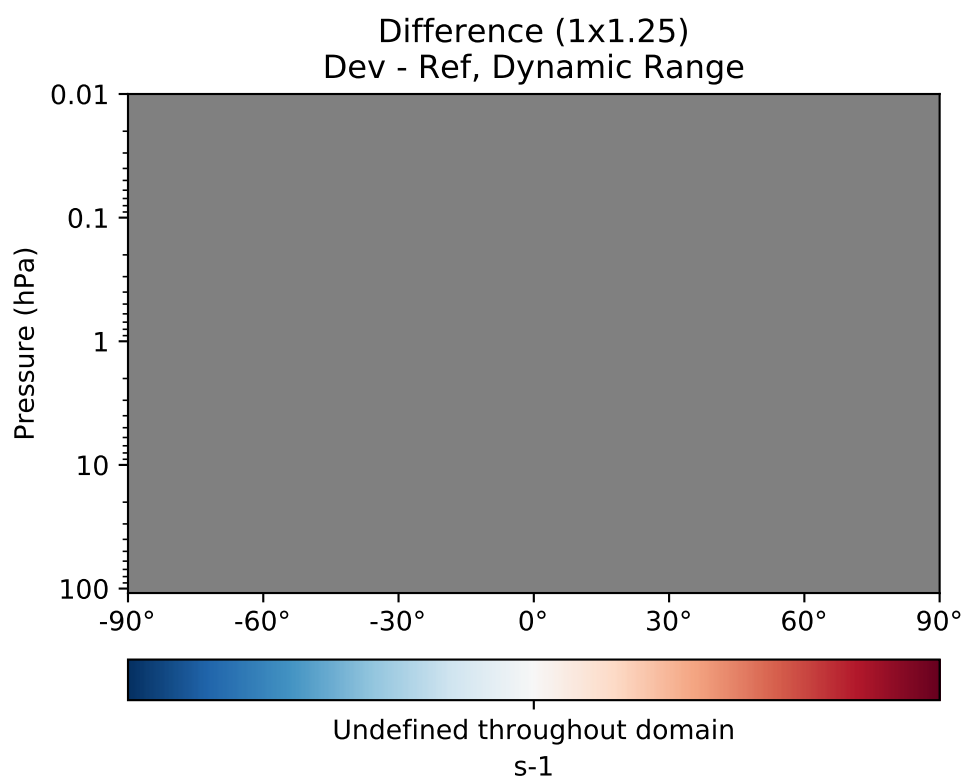
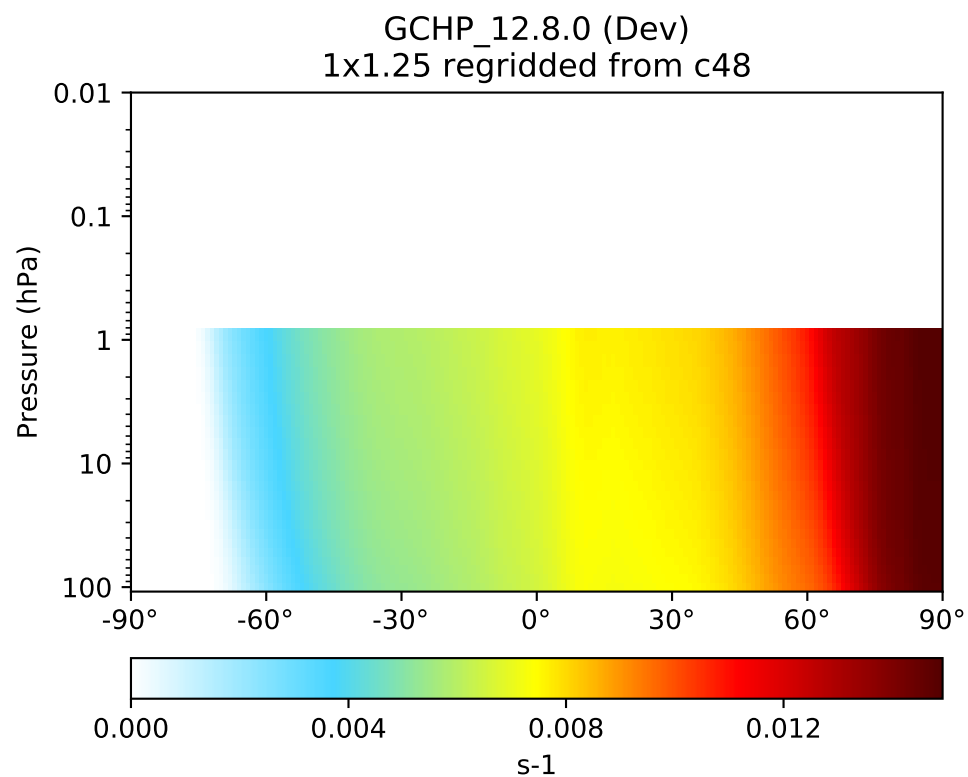
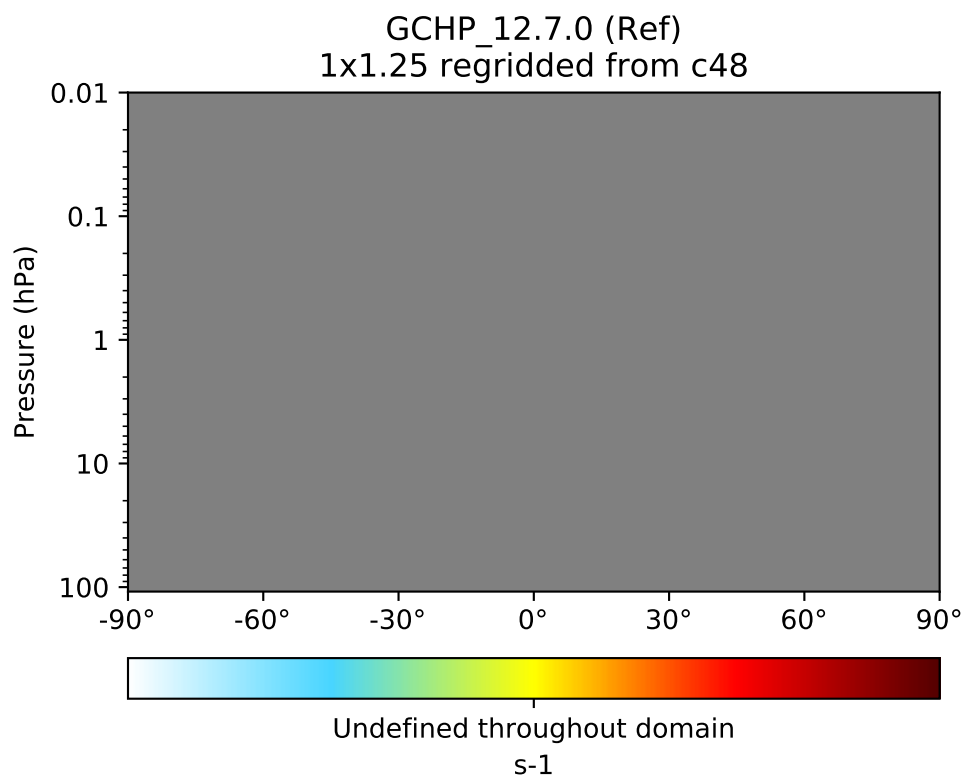
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_BR2, Zonal Mean

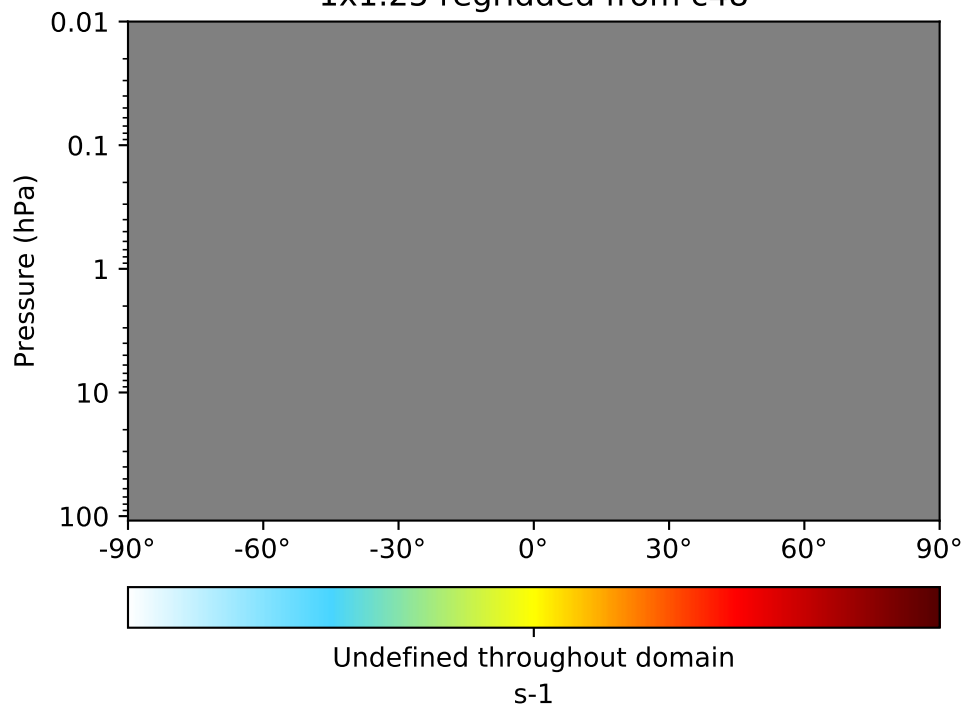


Jval_BRCL, Zonal Mean

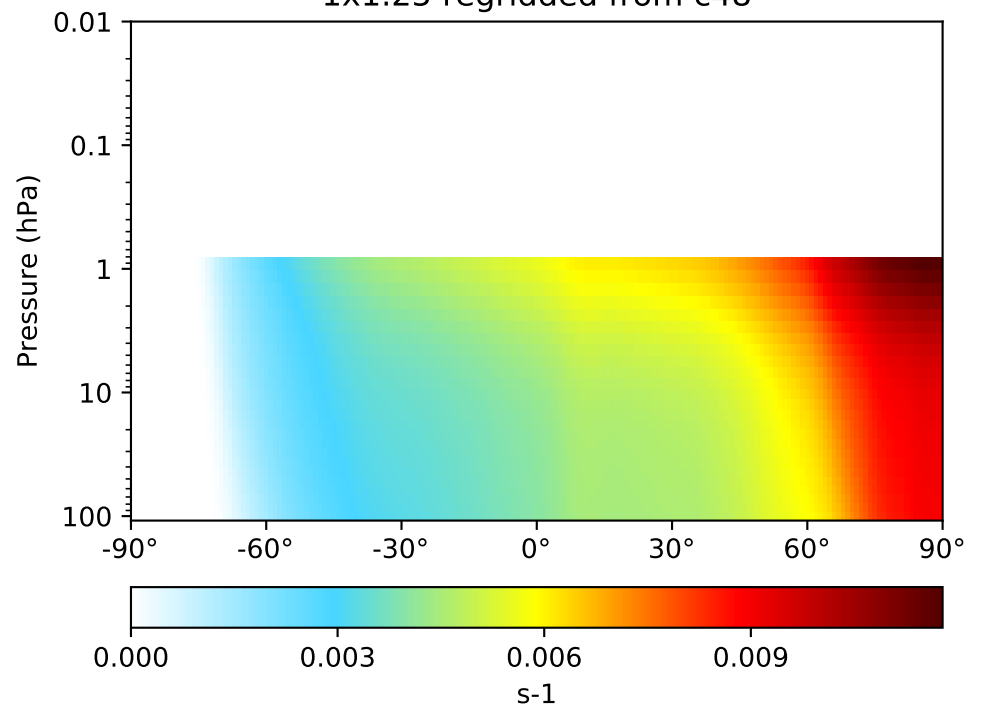


Jval_BRNO2, Zonal Mean

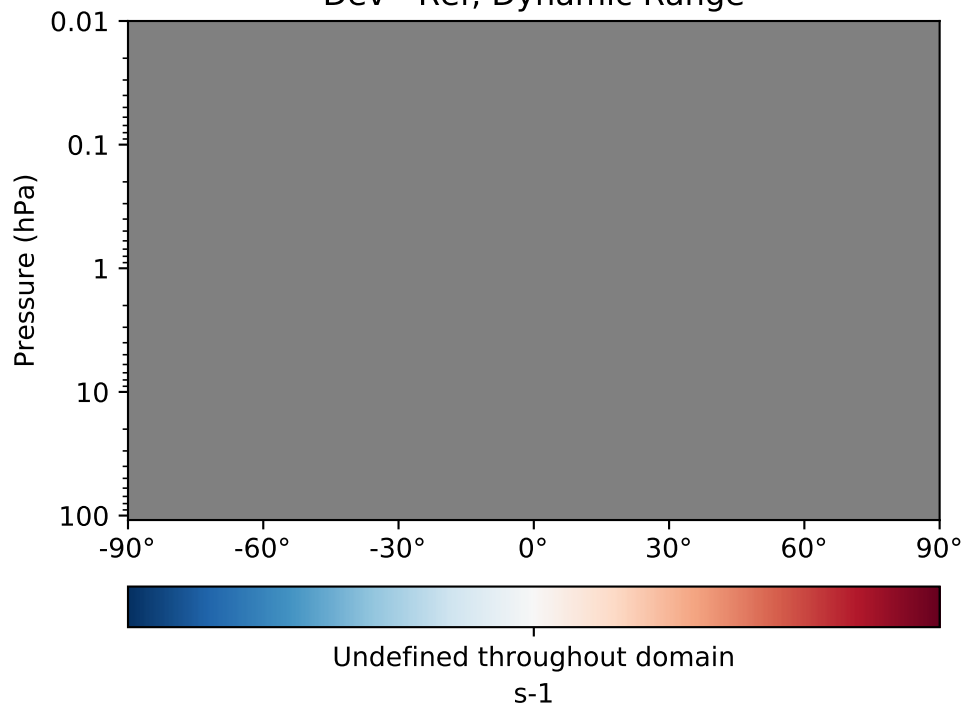
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



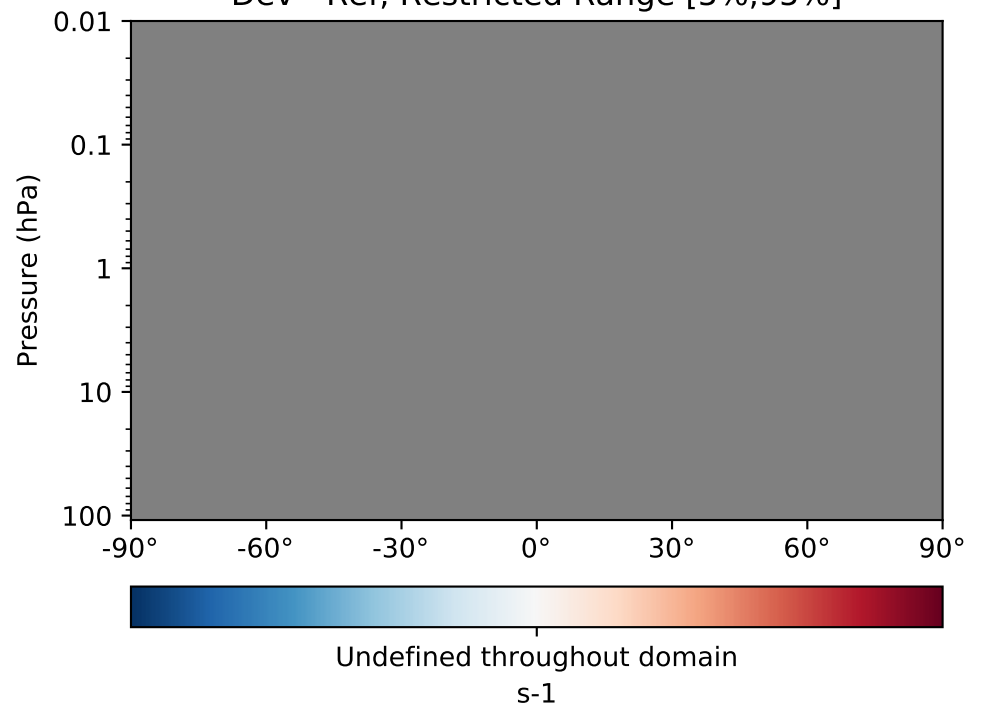
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



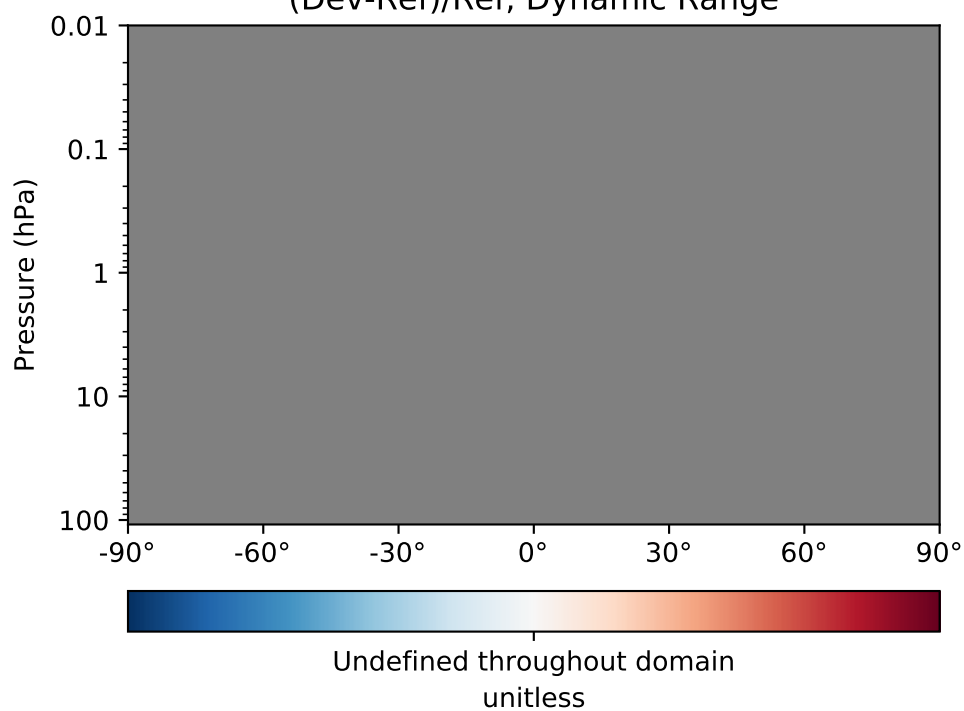
Difference (1x1.25)
Dev - Ref, Dynamic Range



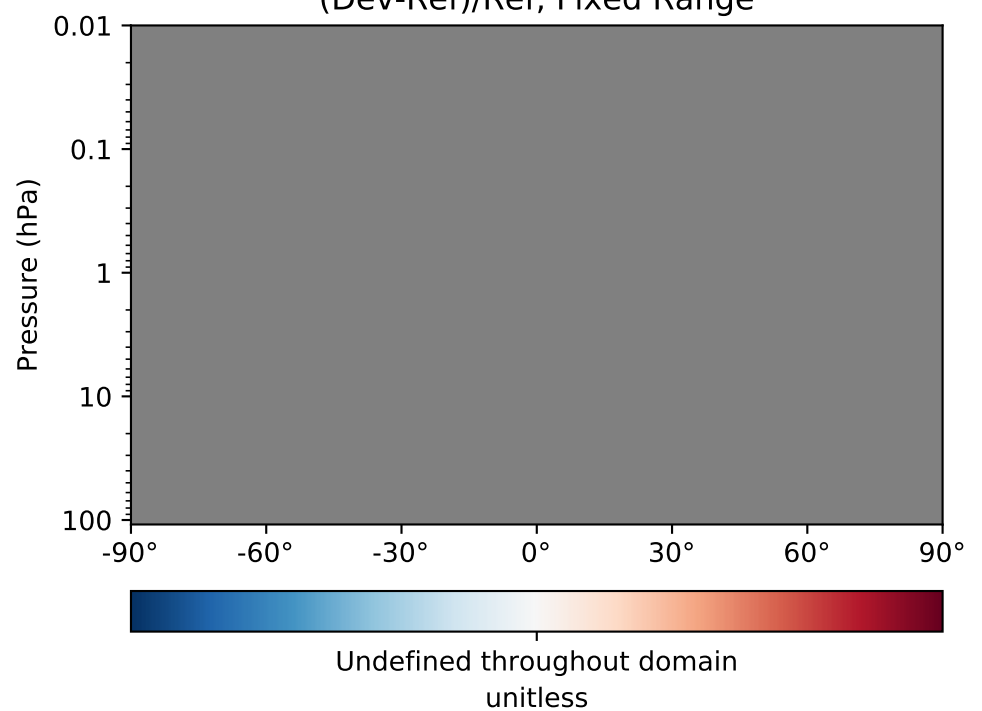
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



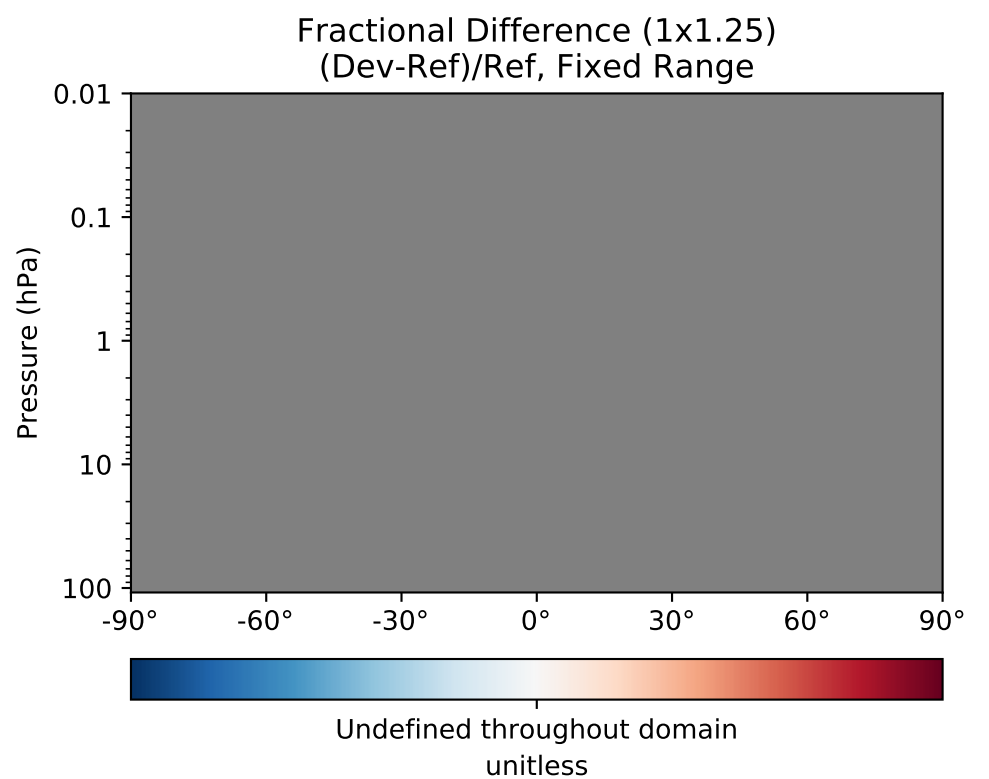
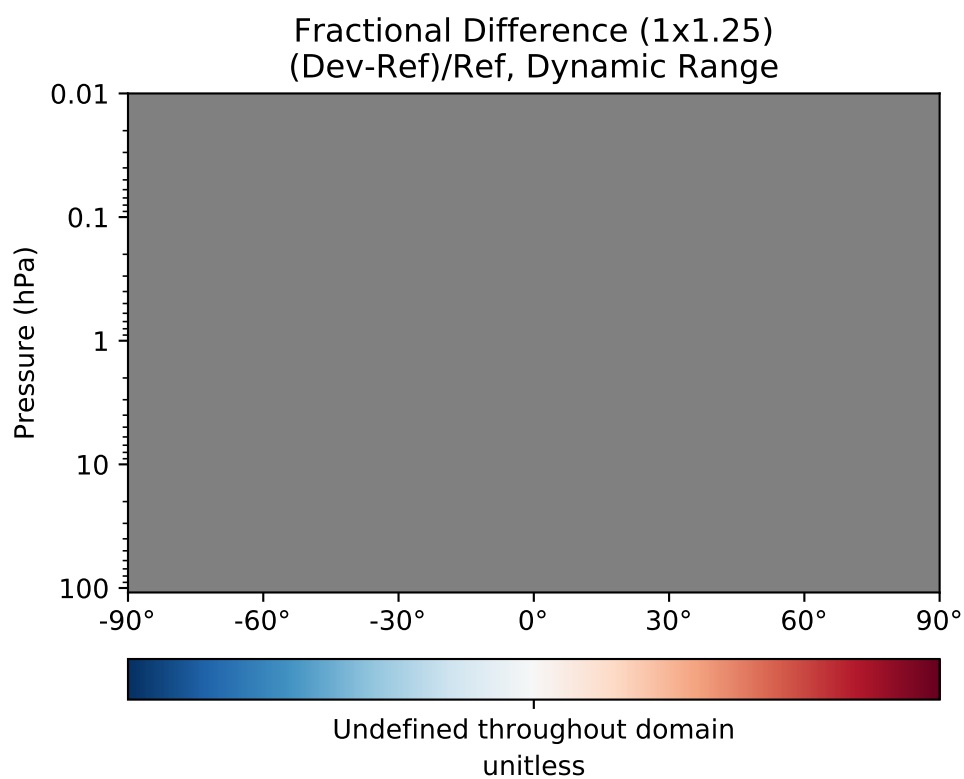
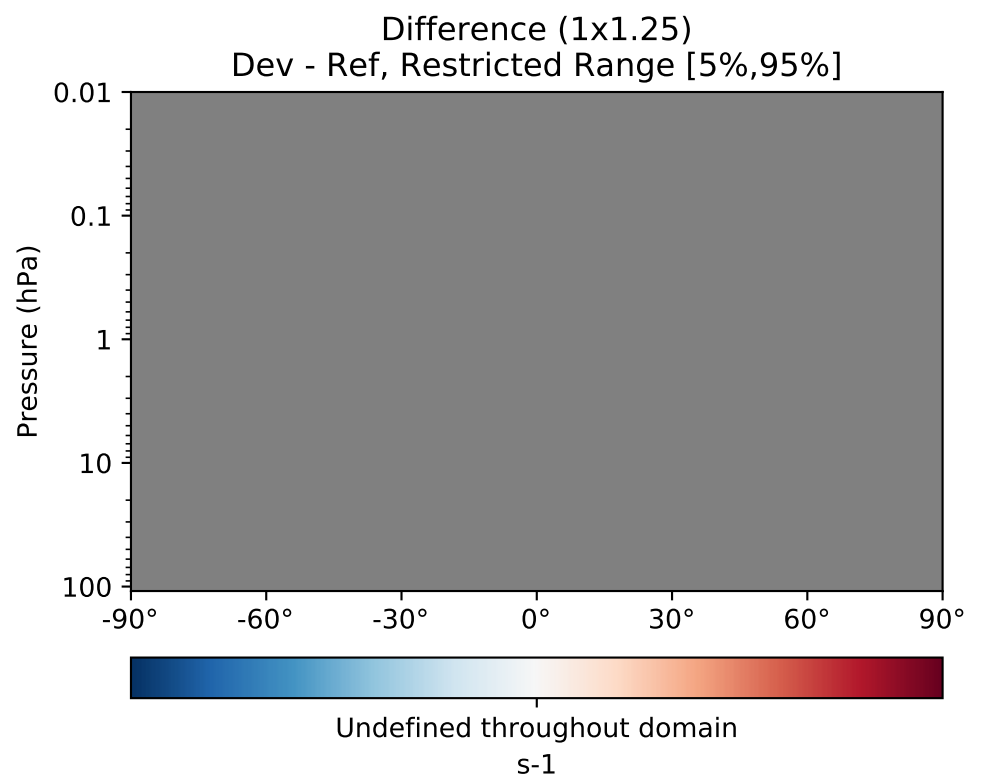
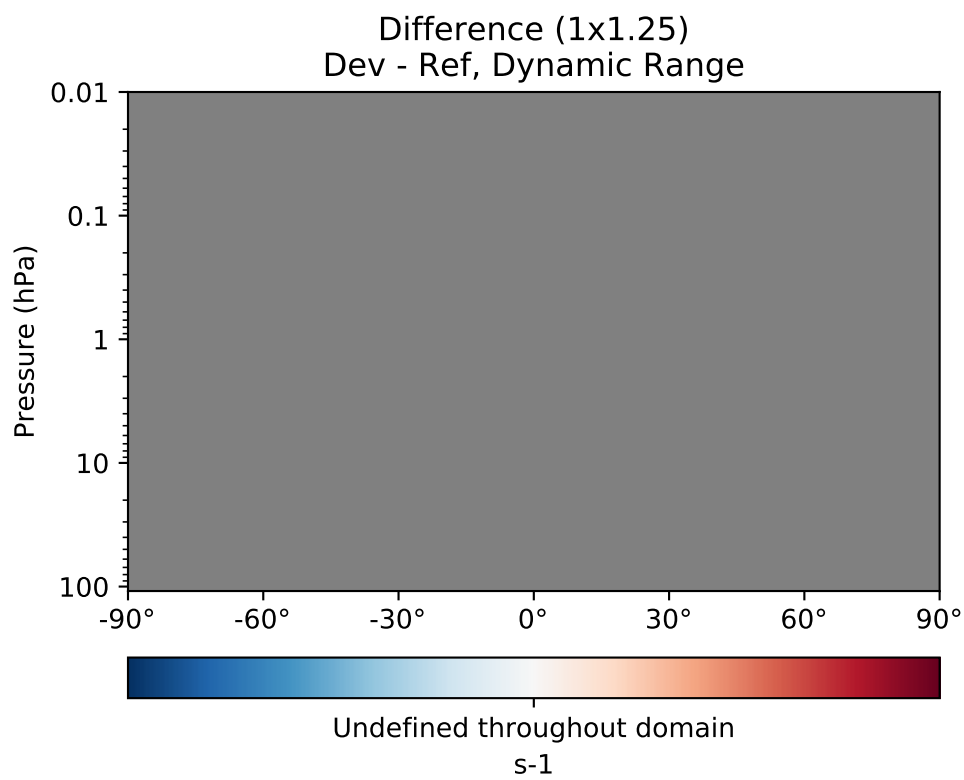
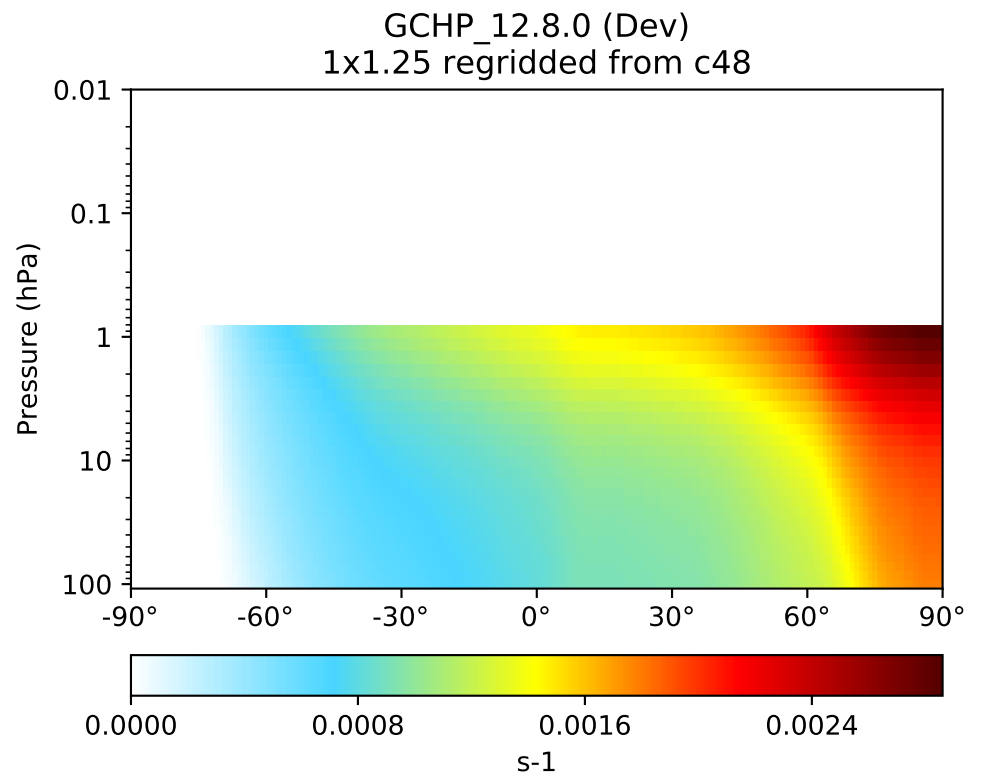
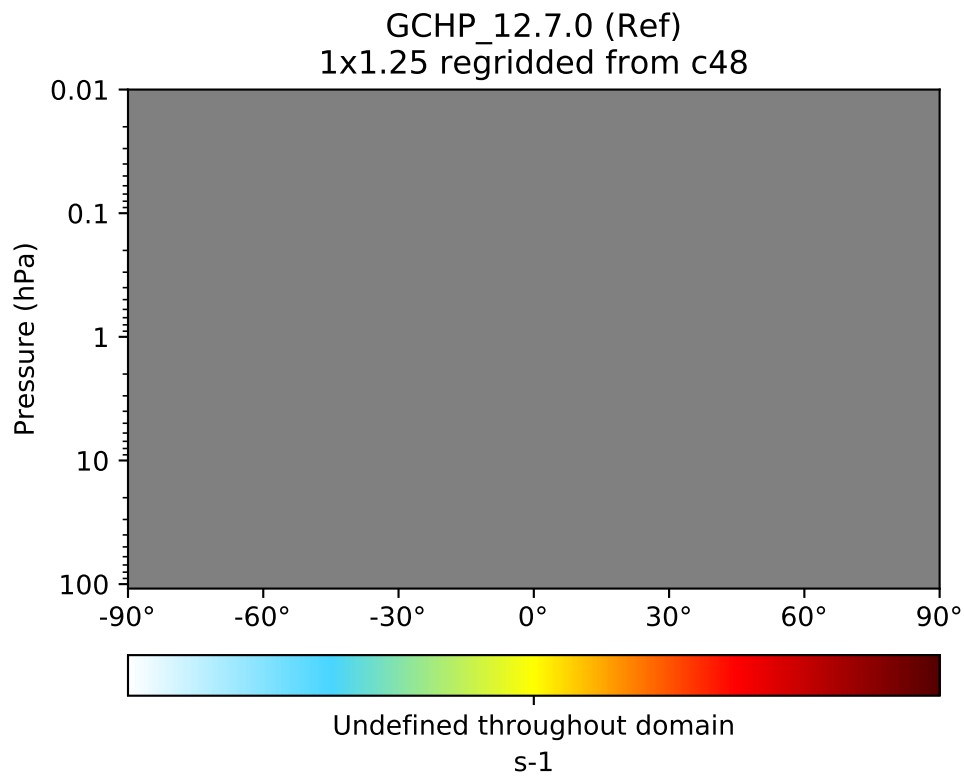
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



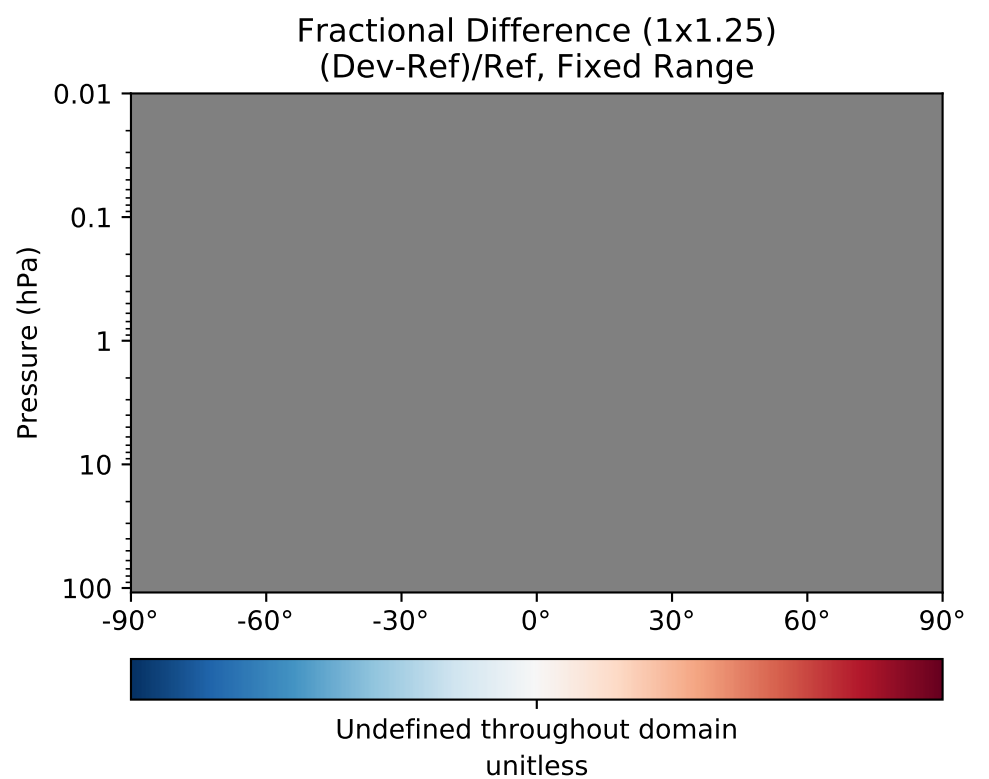
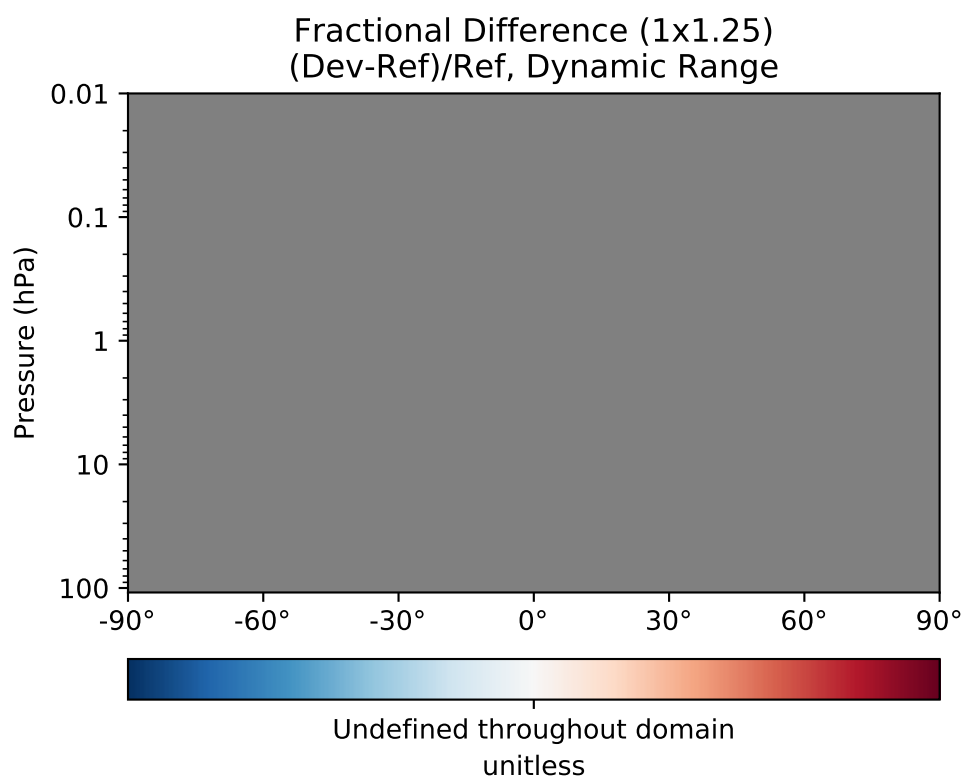
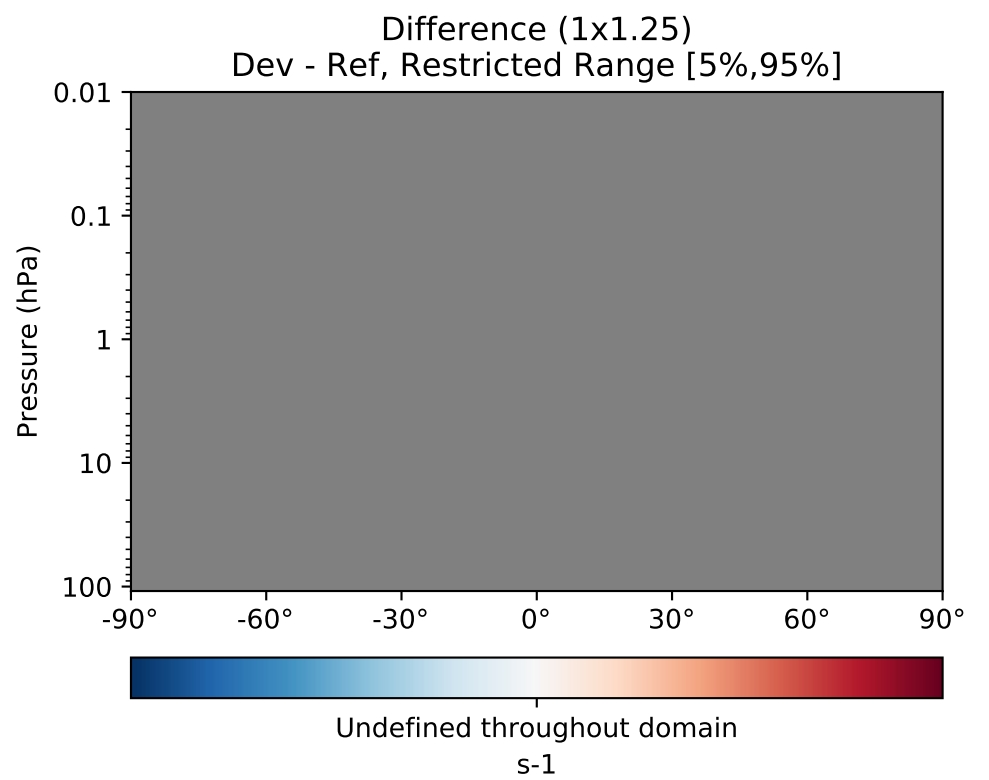
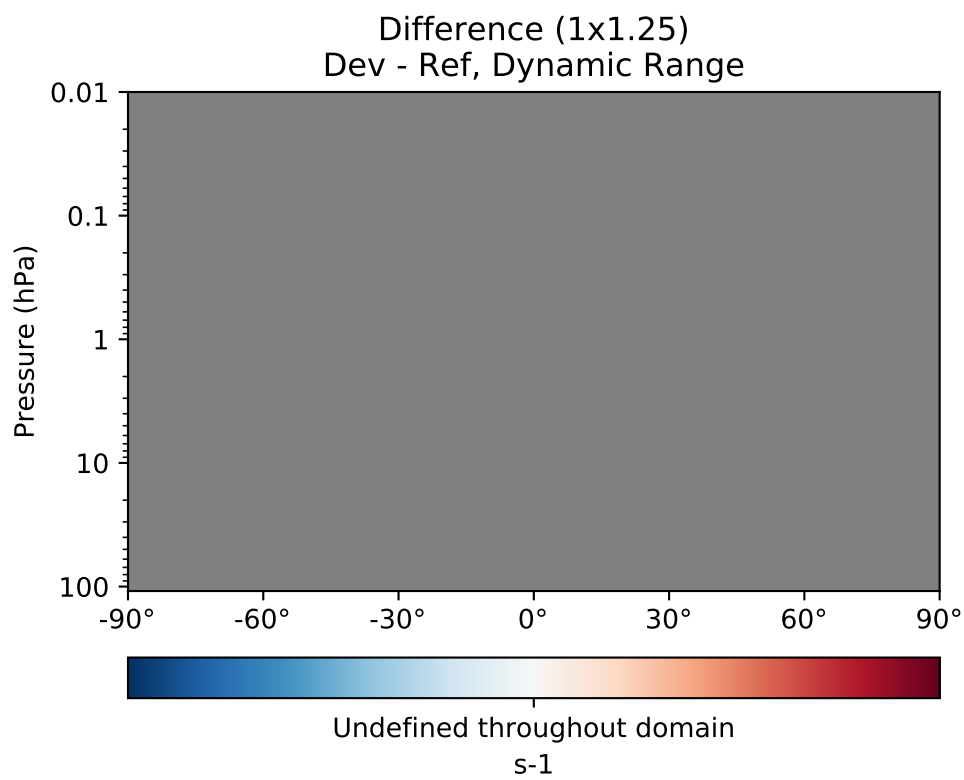
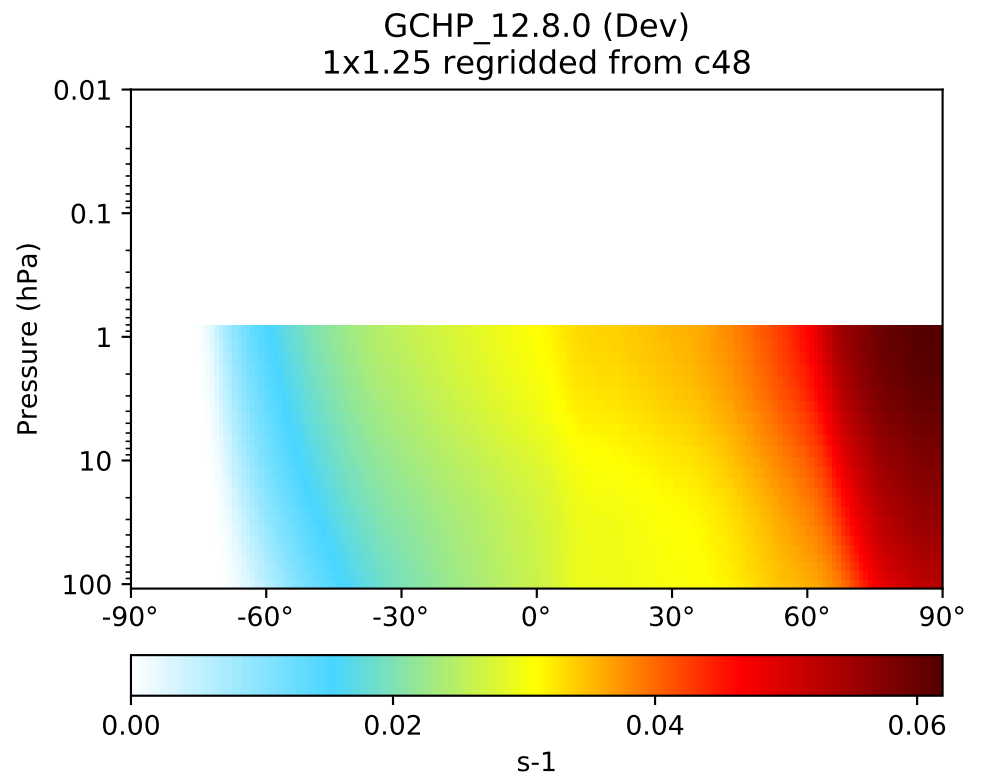
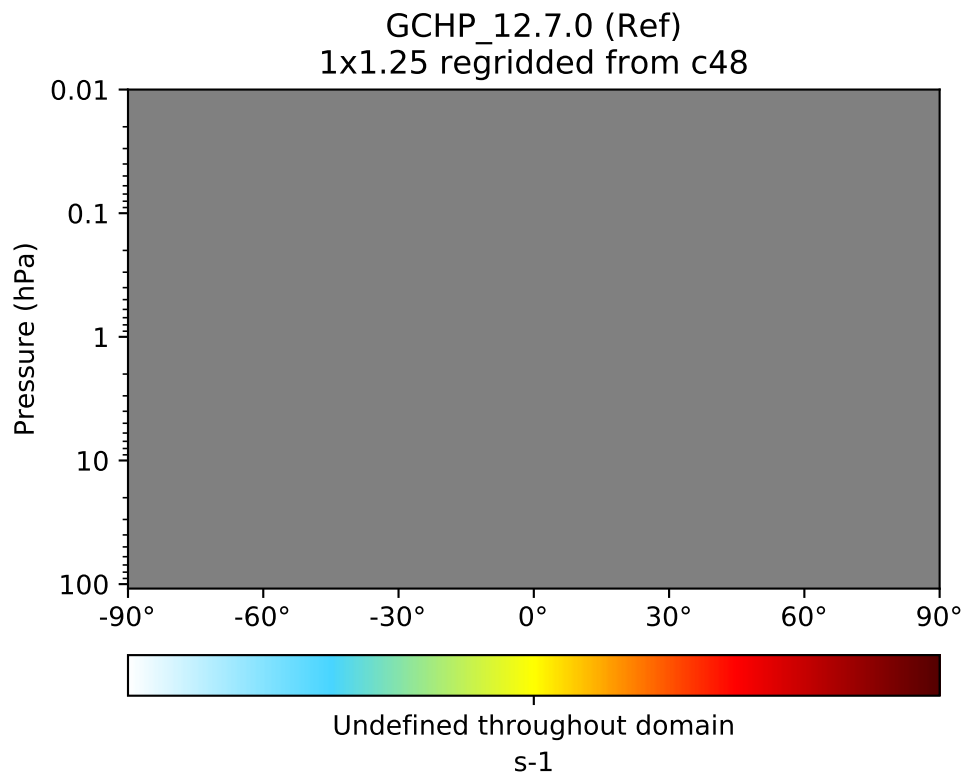
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



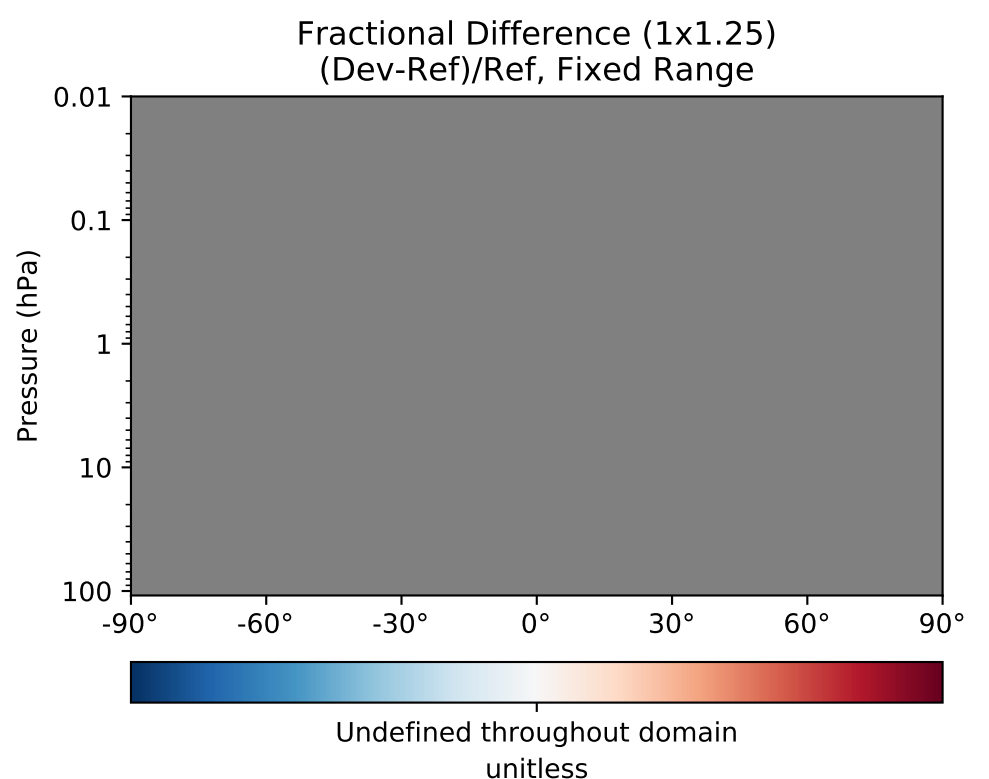
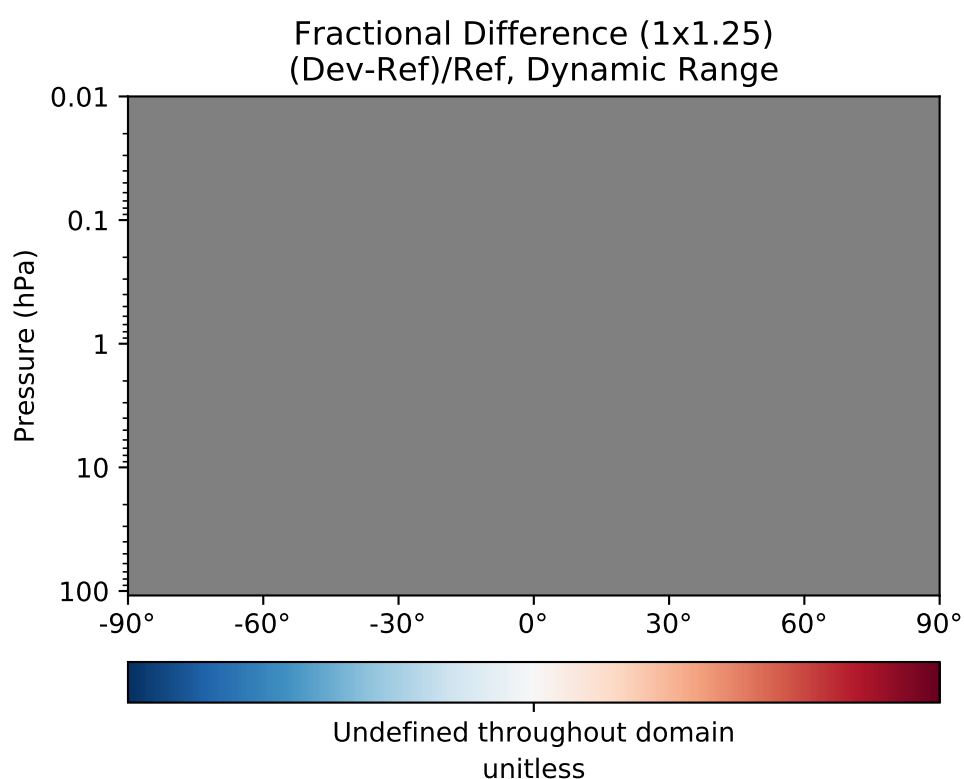
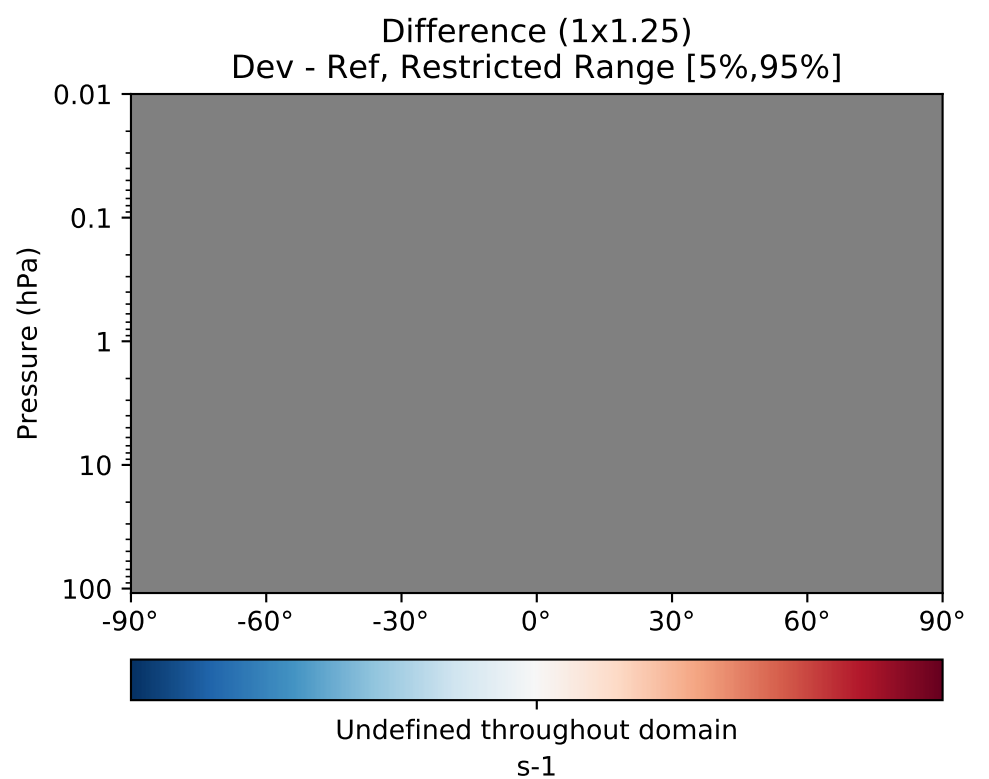
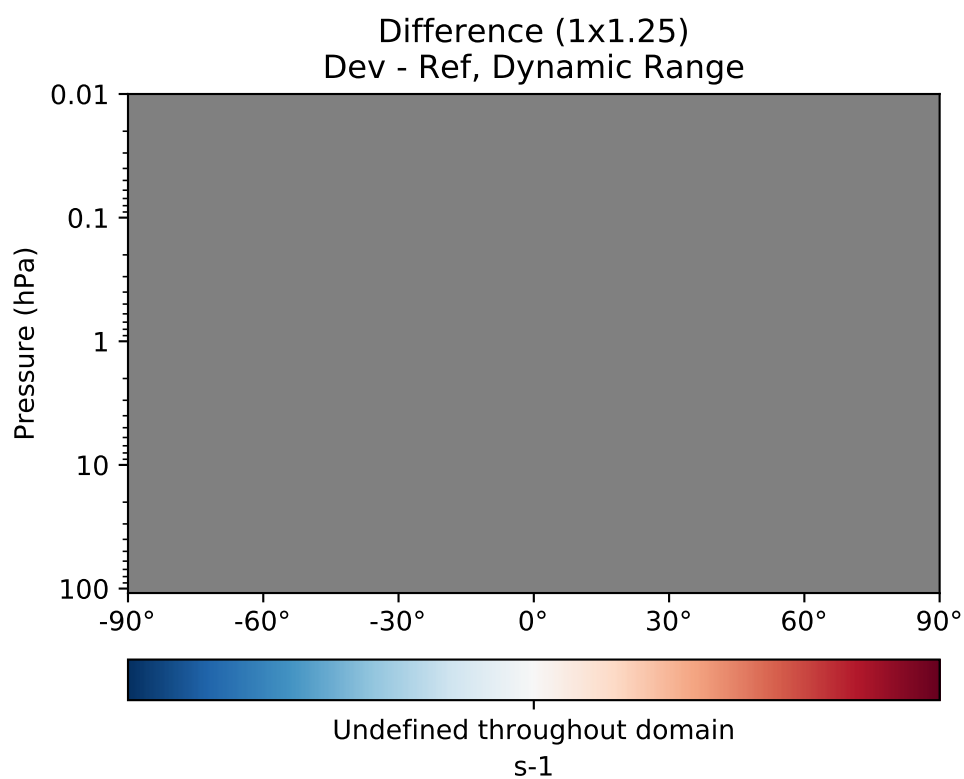
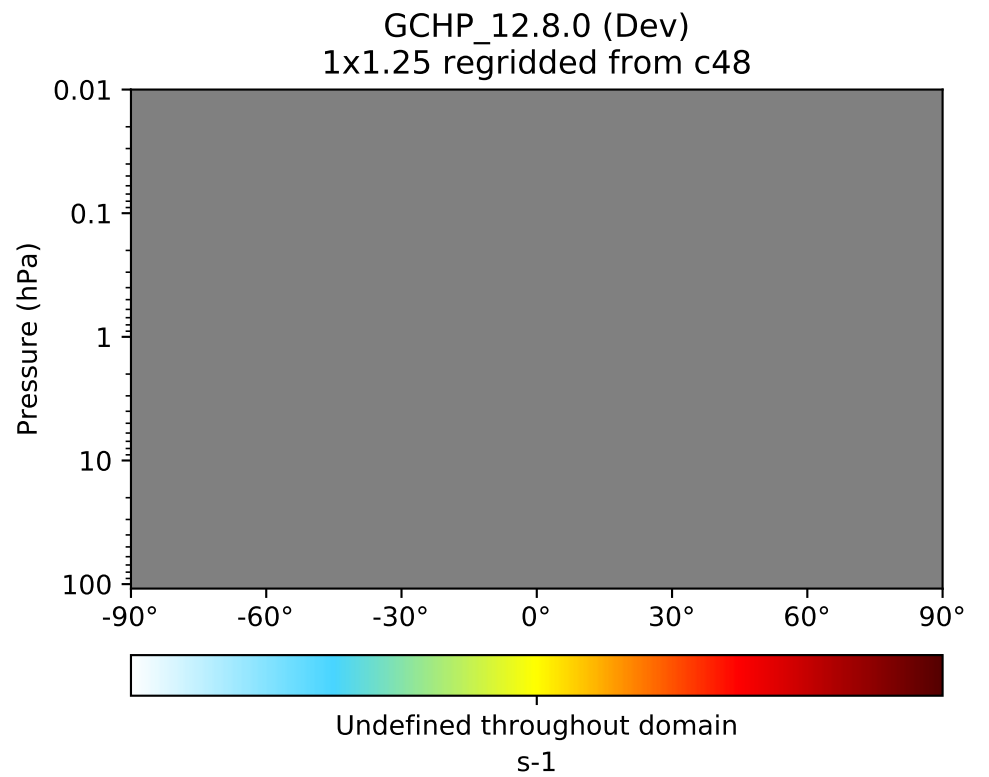
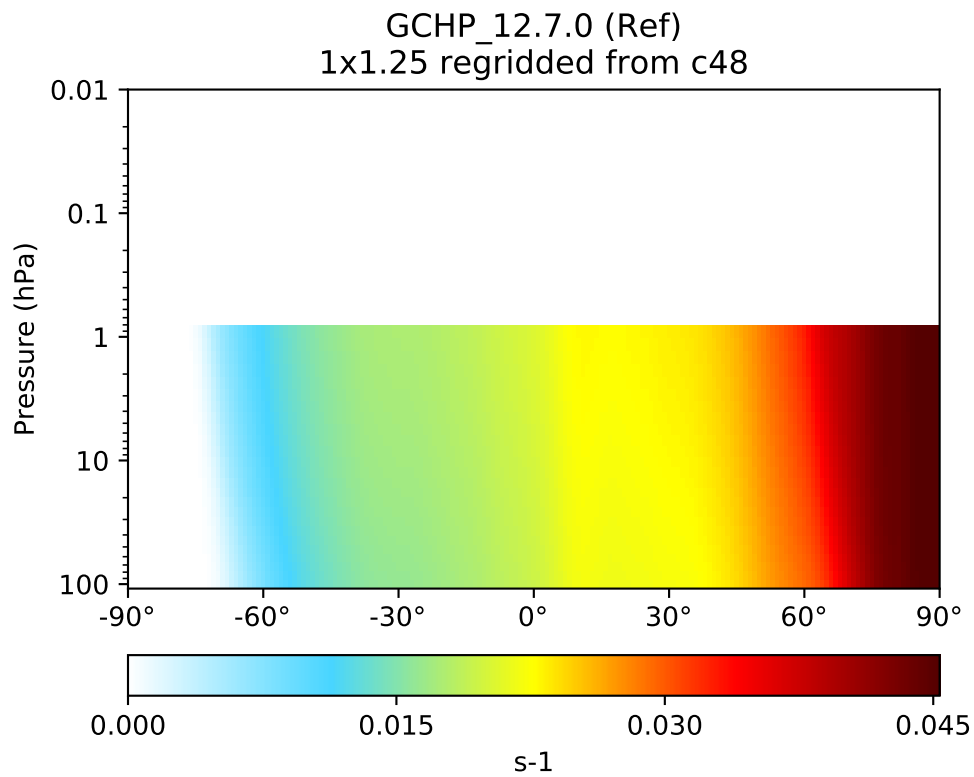
Jval_BRNO3, Zonal Mean



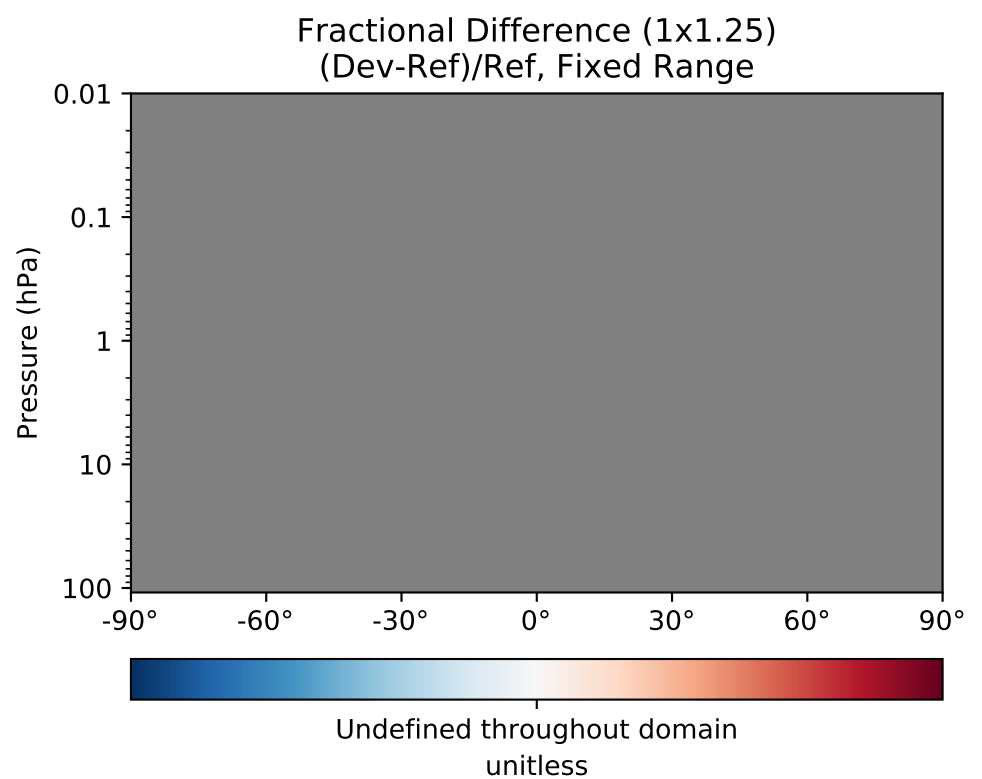
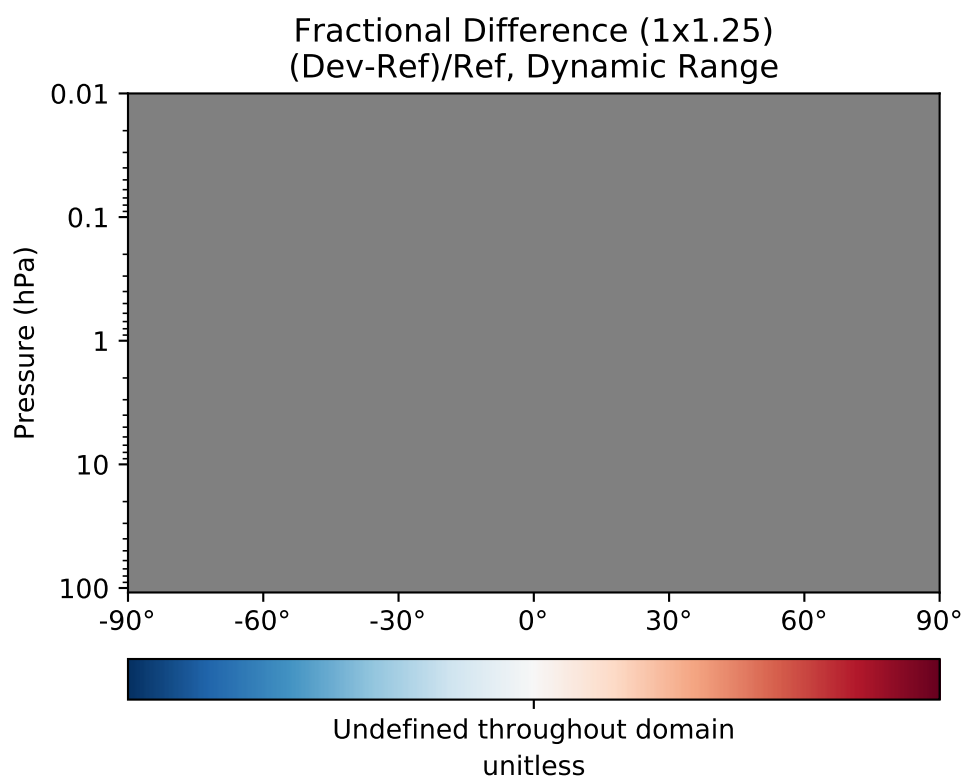
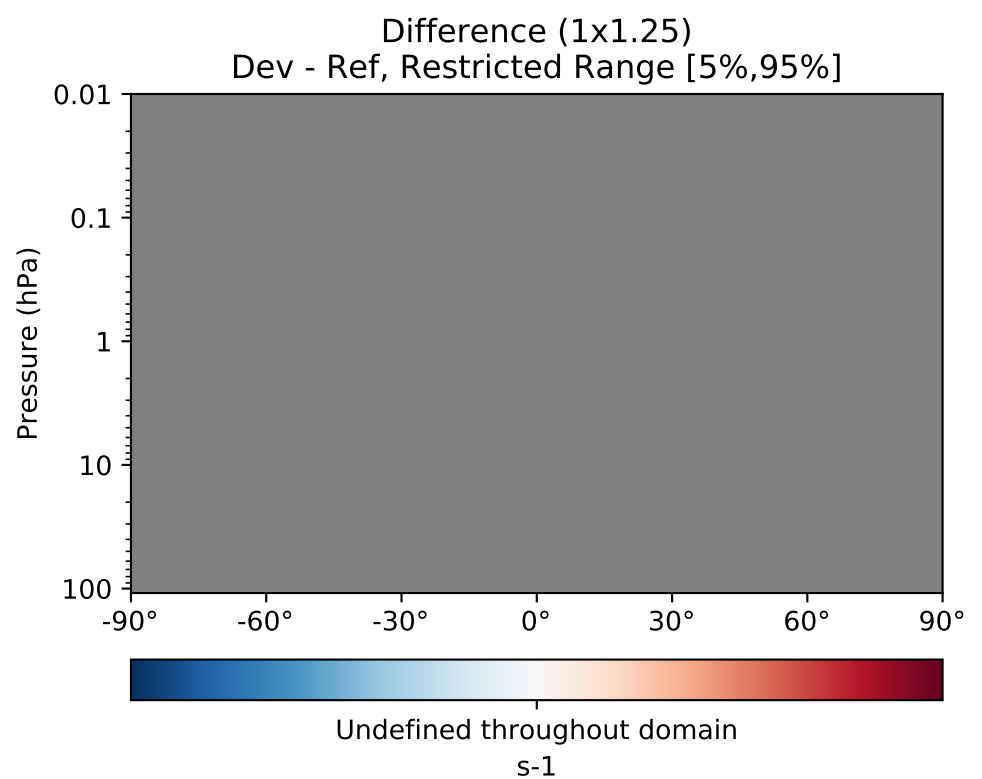
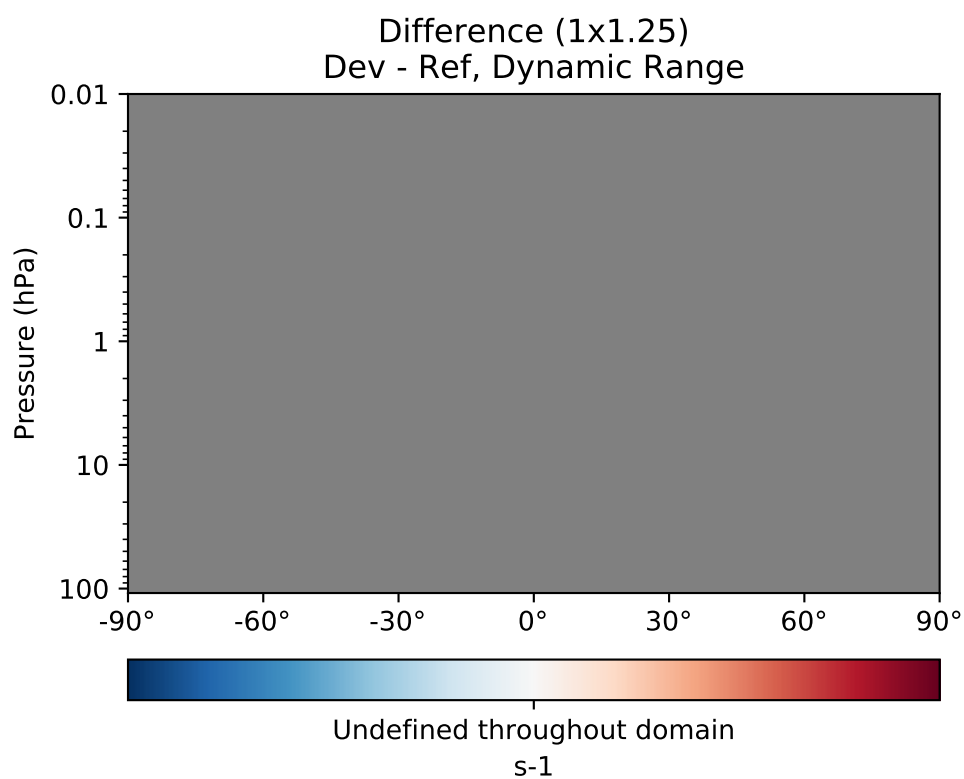
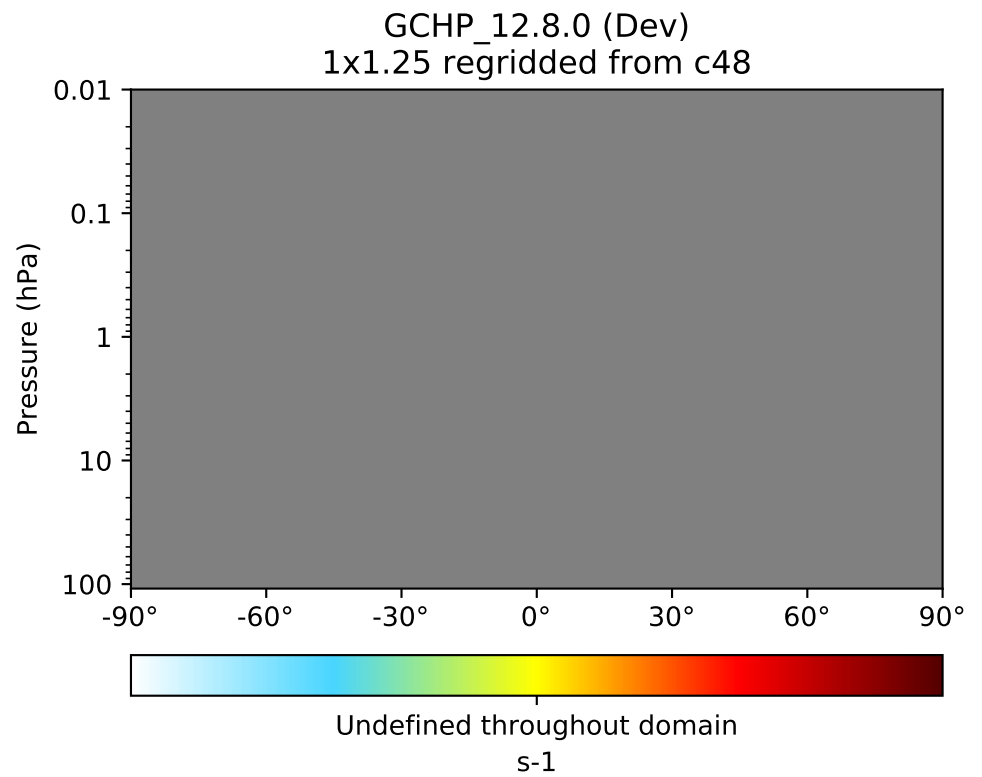
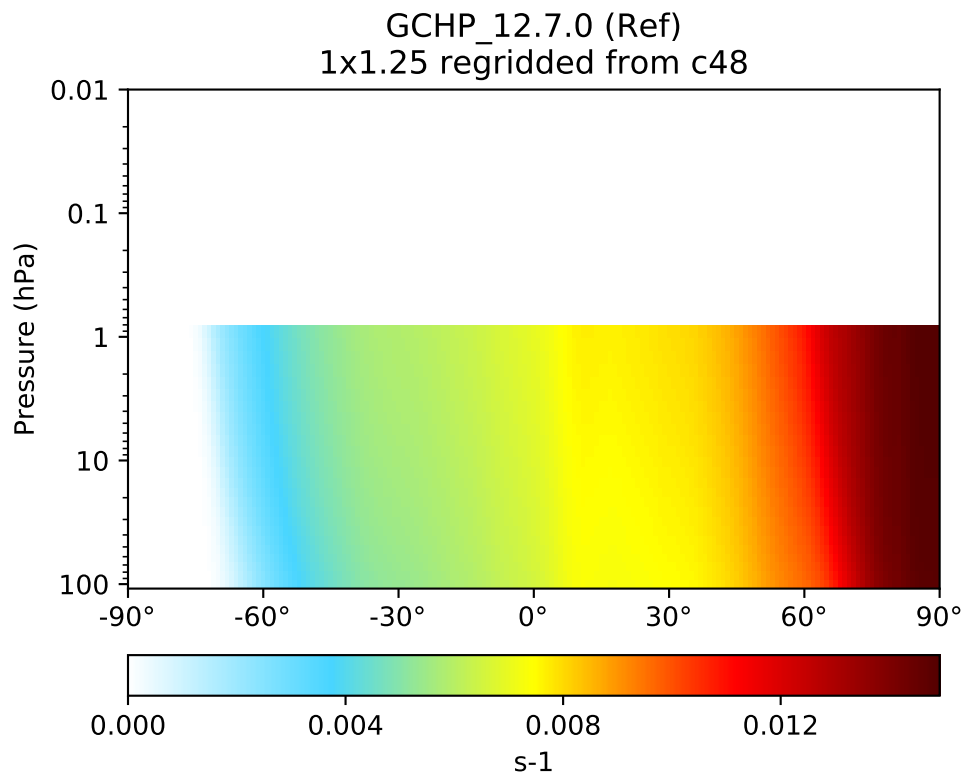
Jval_BRO, Zonal Mean



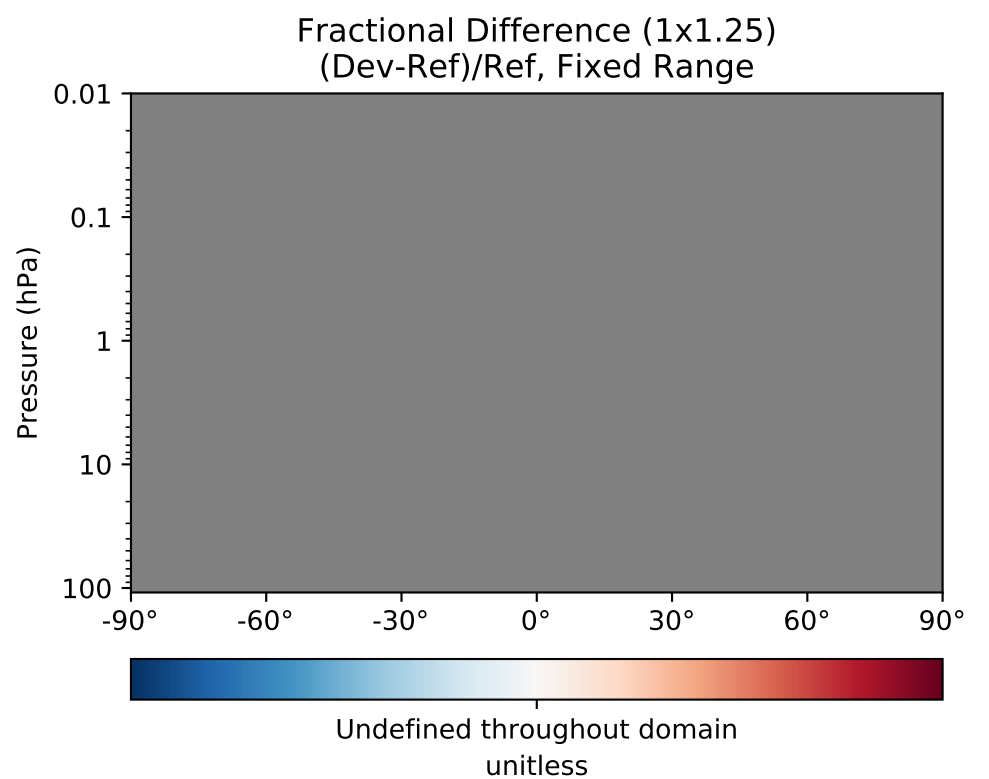
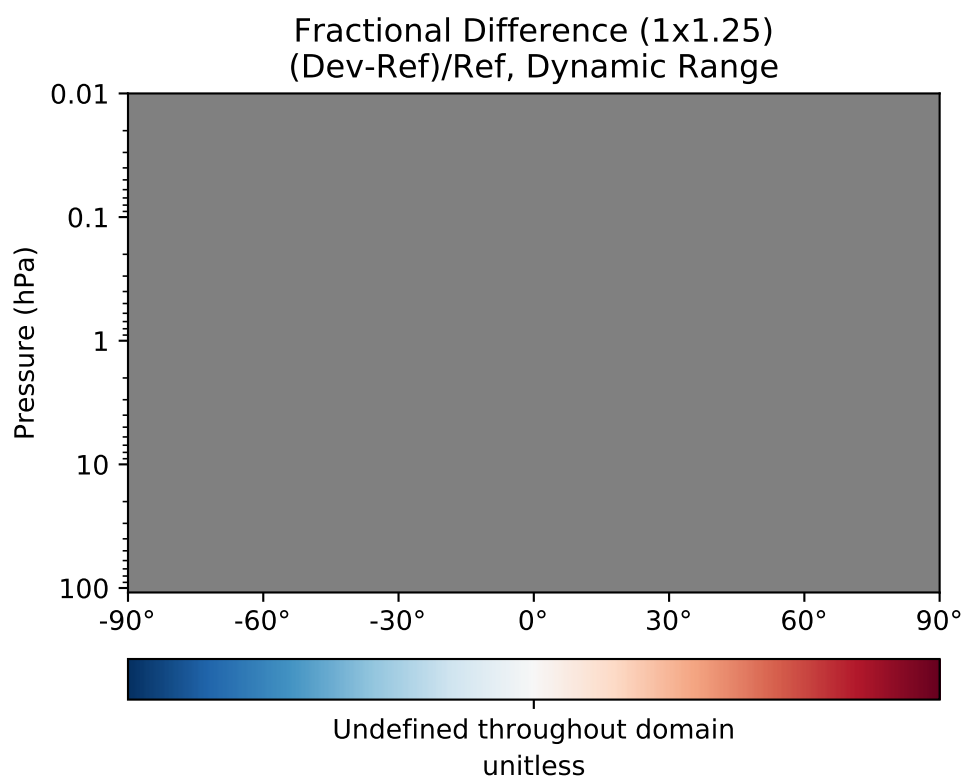
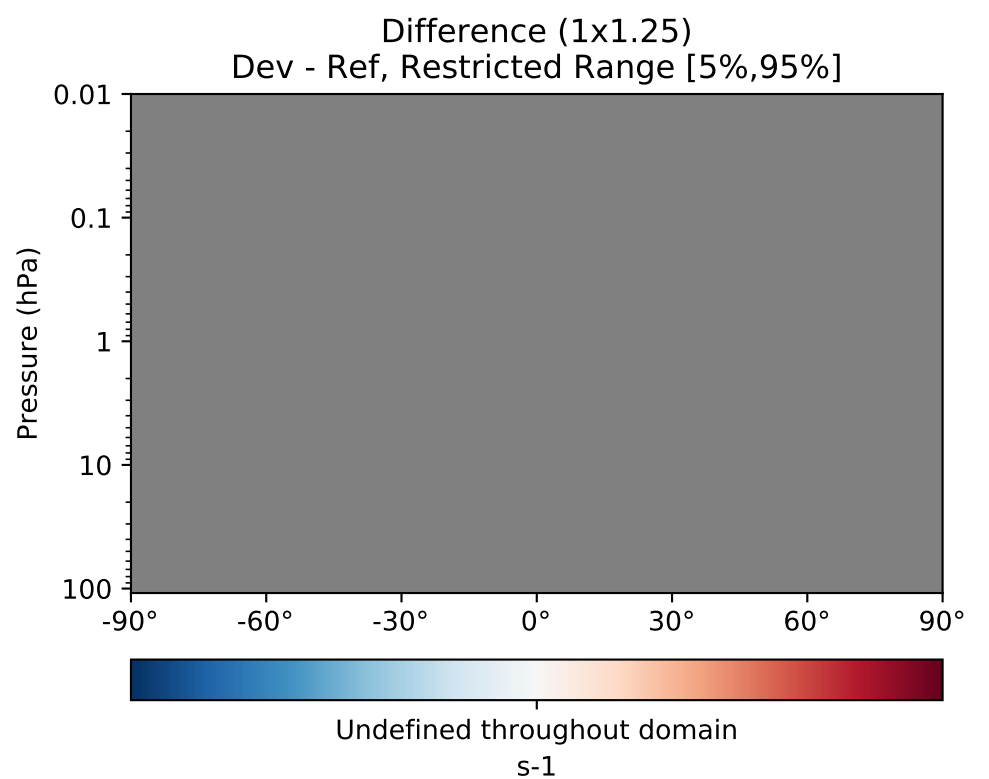
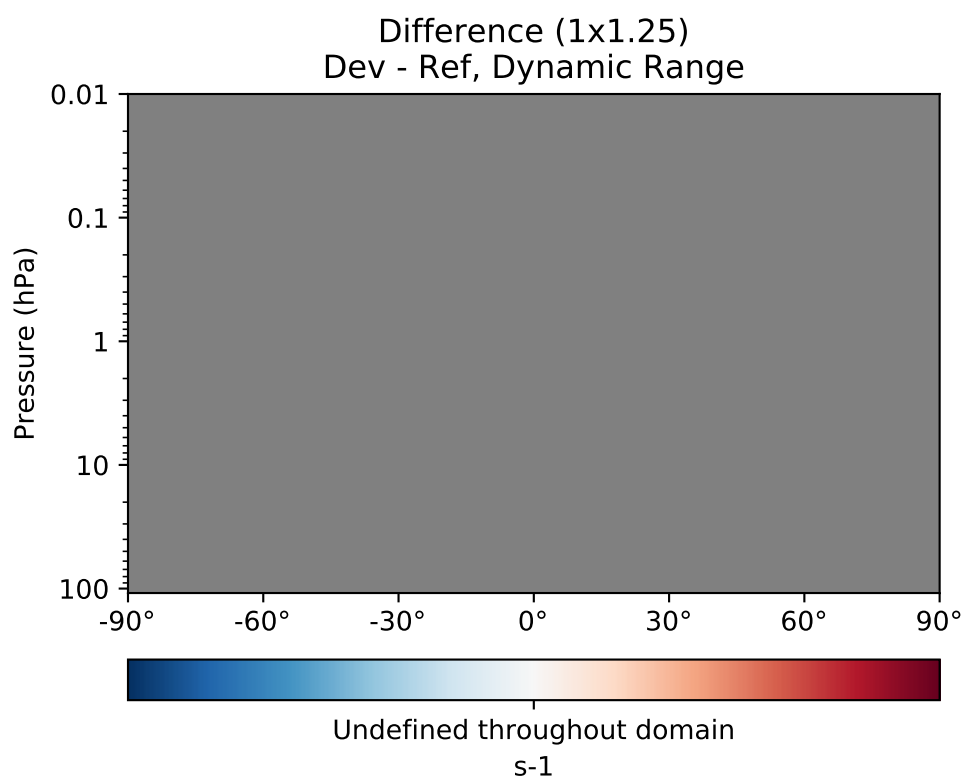
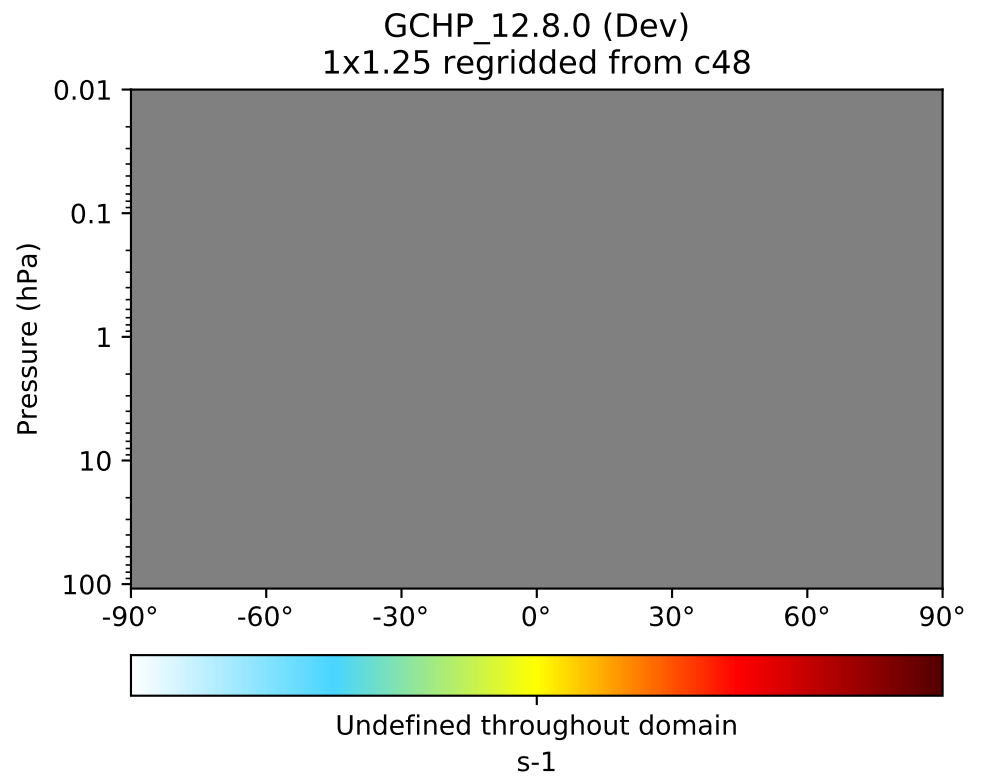
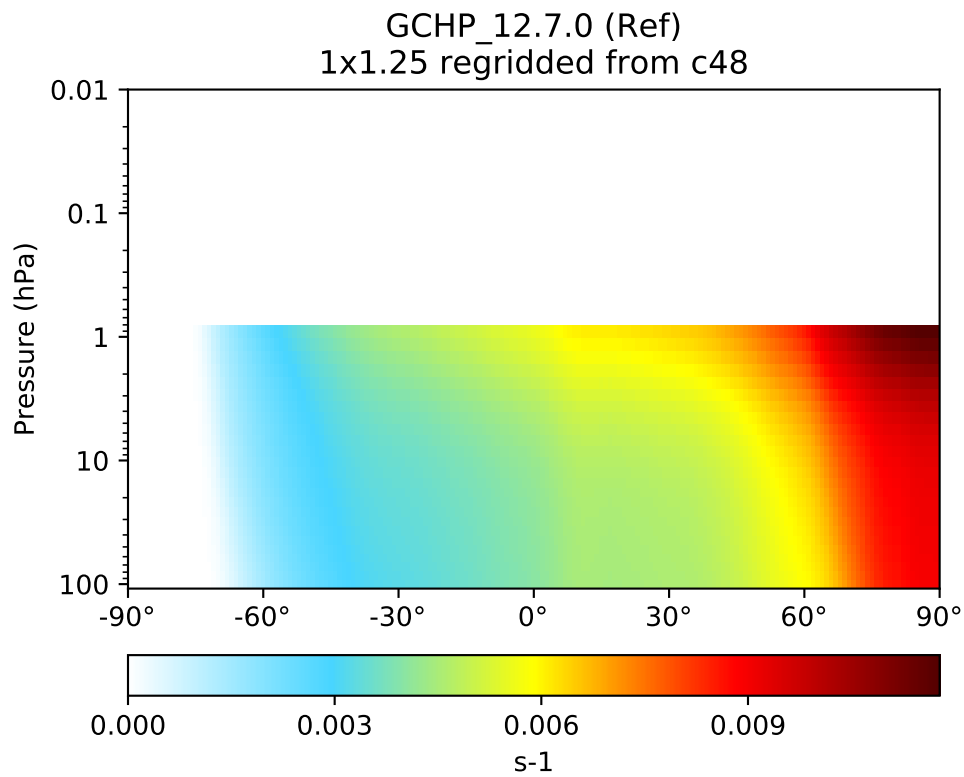
Jval_Br2, Zonal Mean



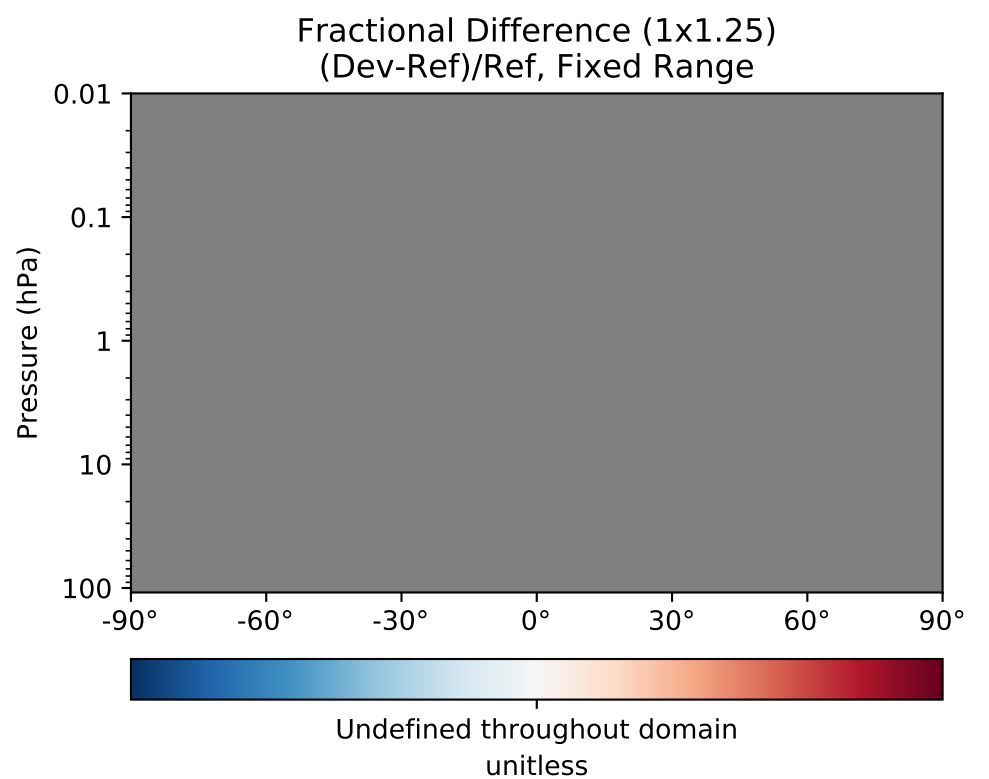
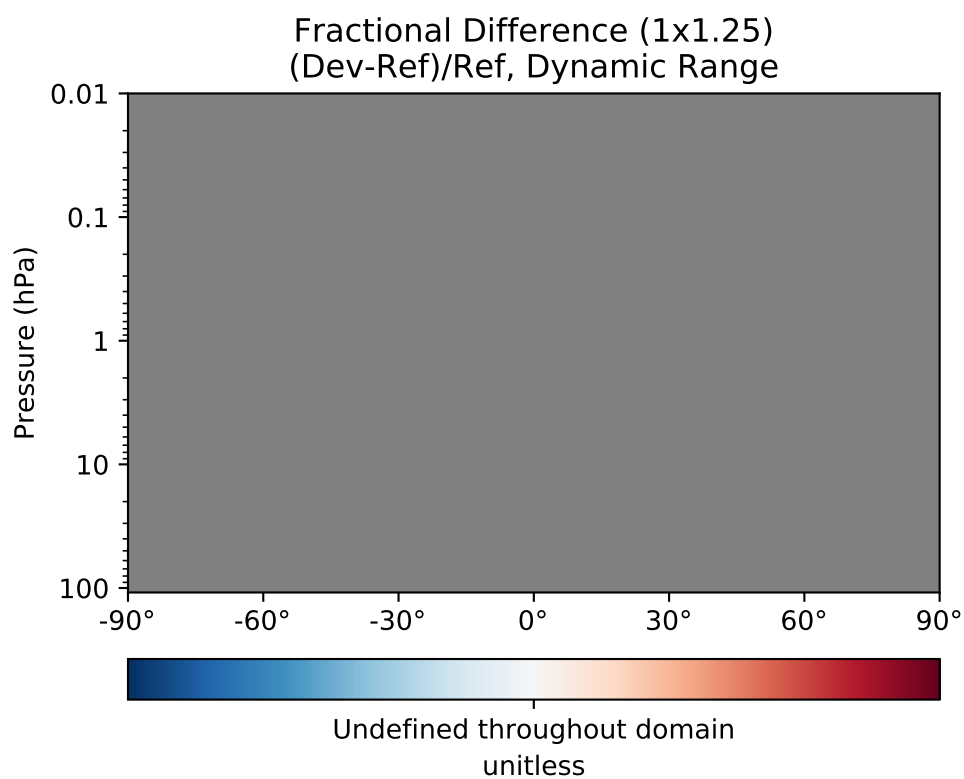
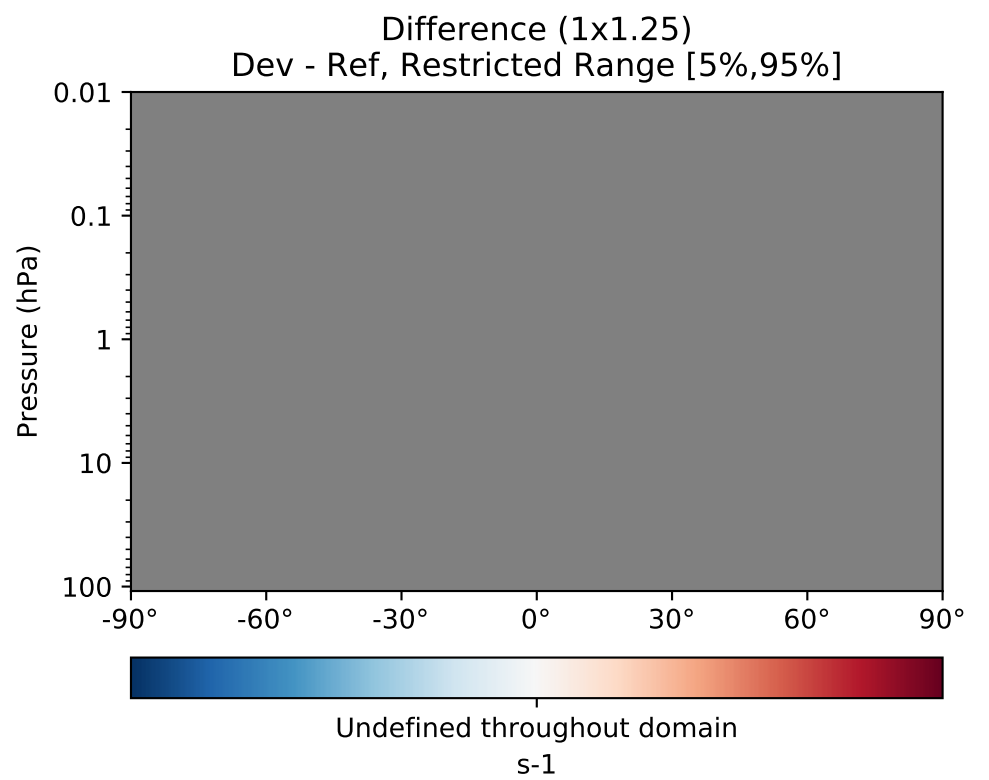
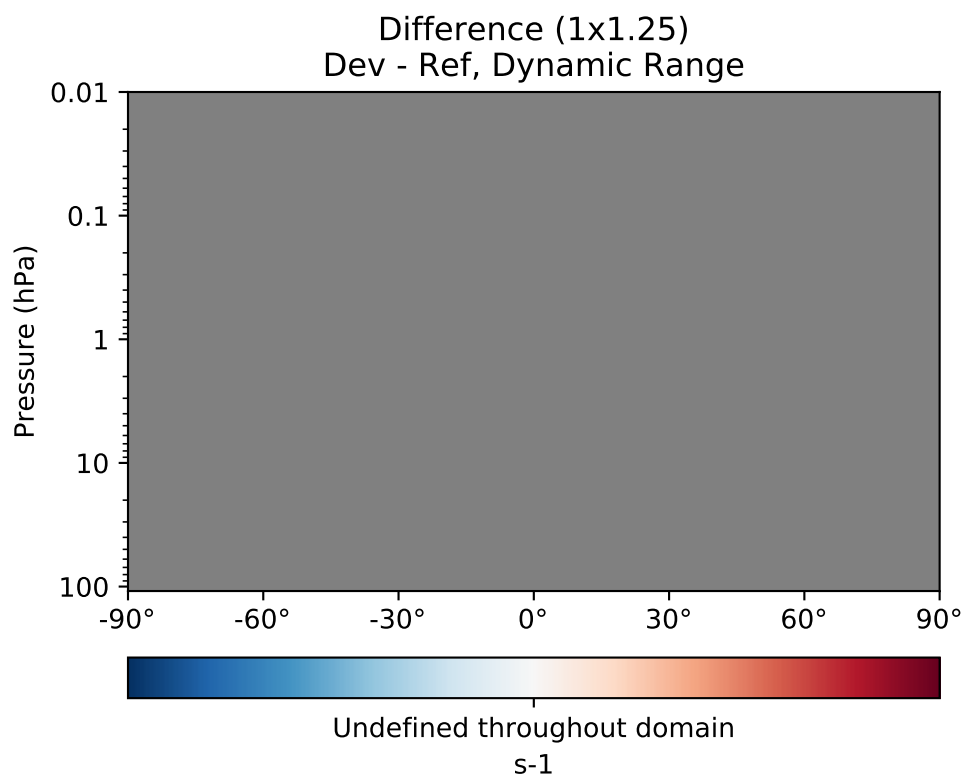
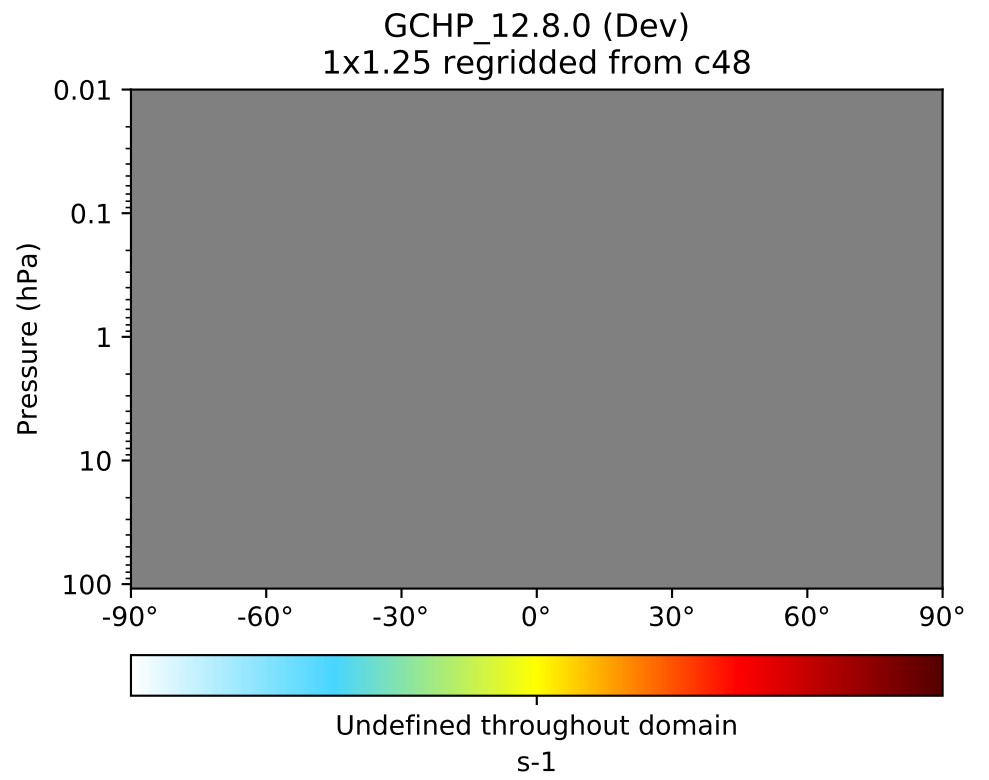
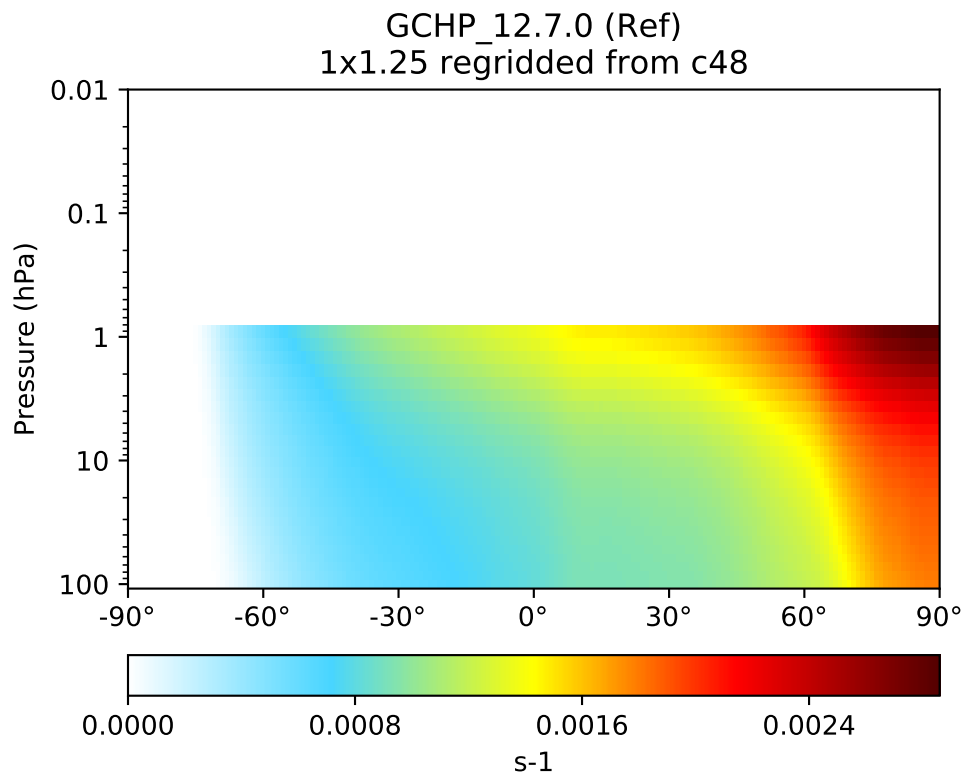
Jval_BrCl, Zonal Mean



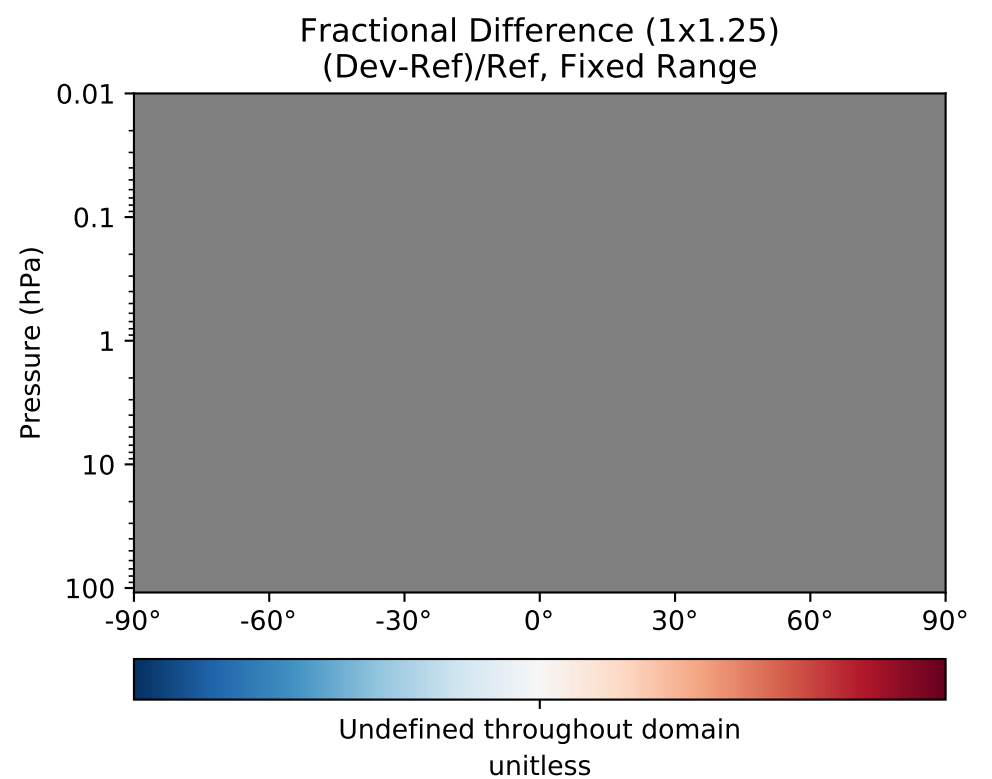
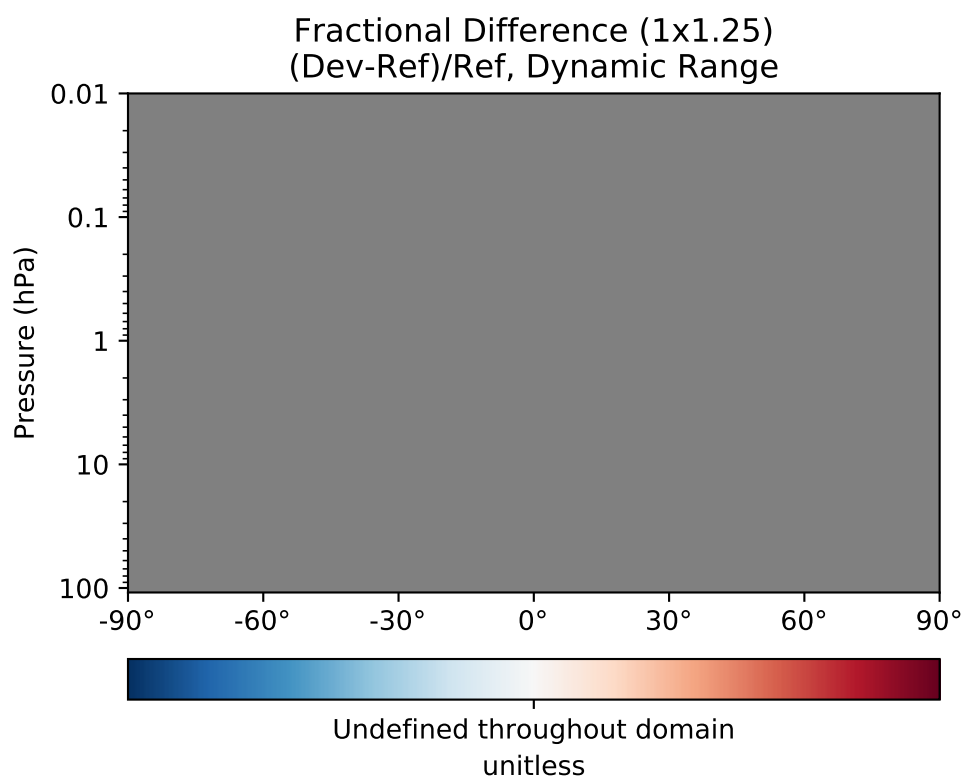
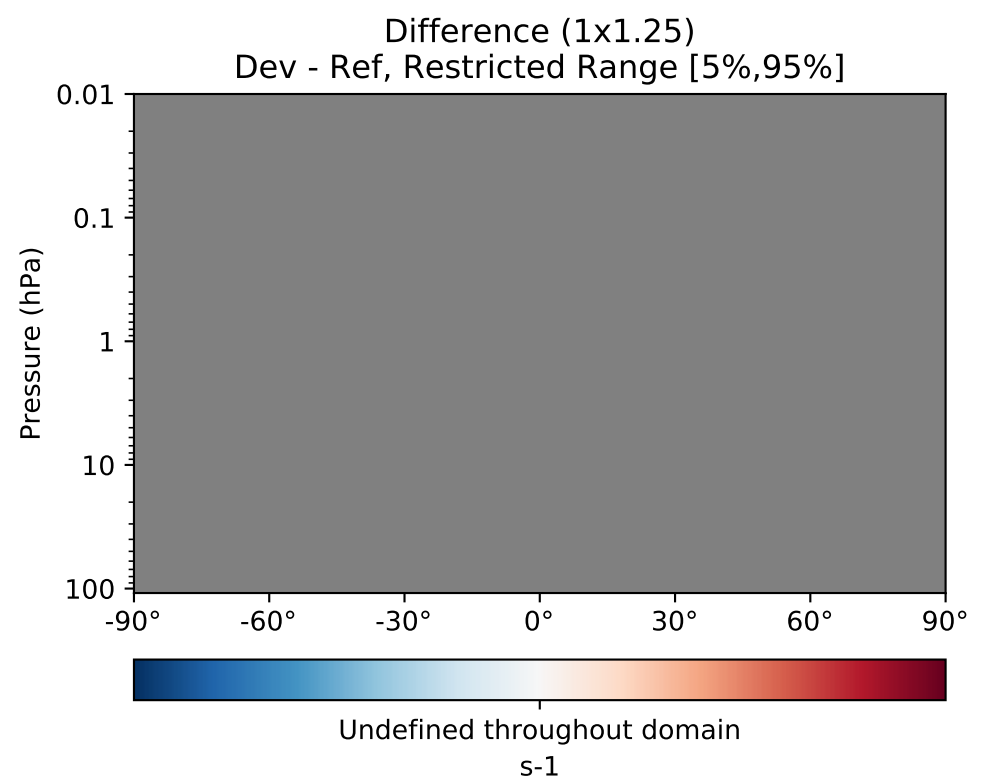
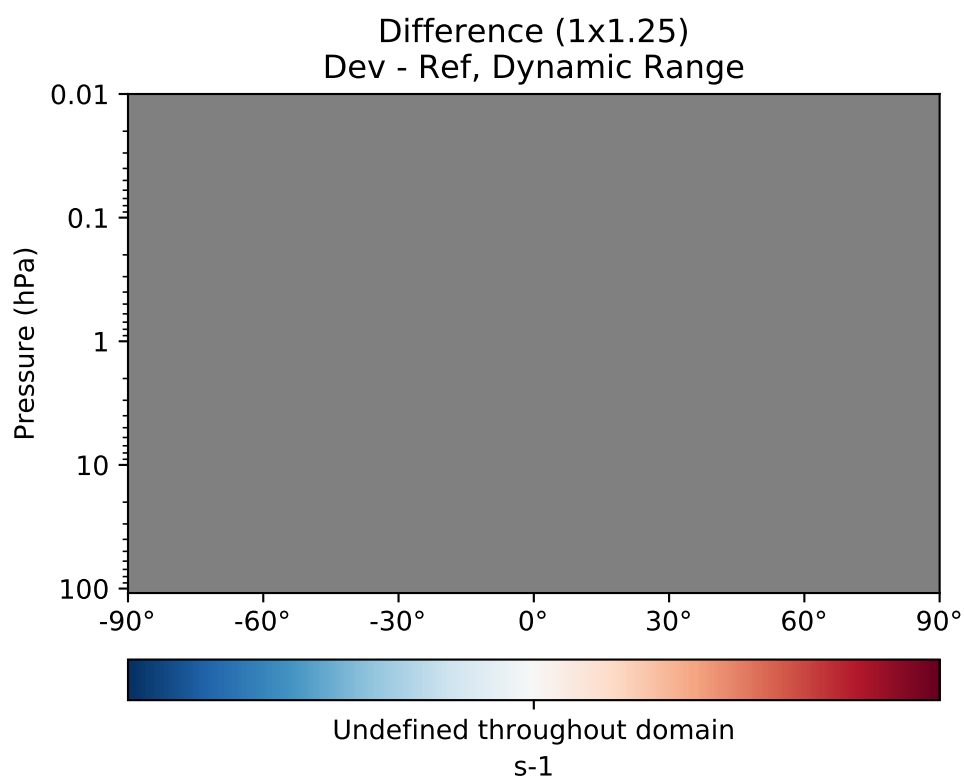
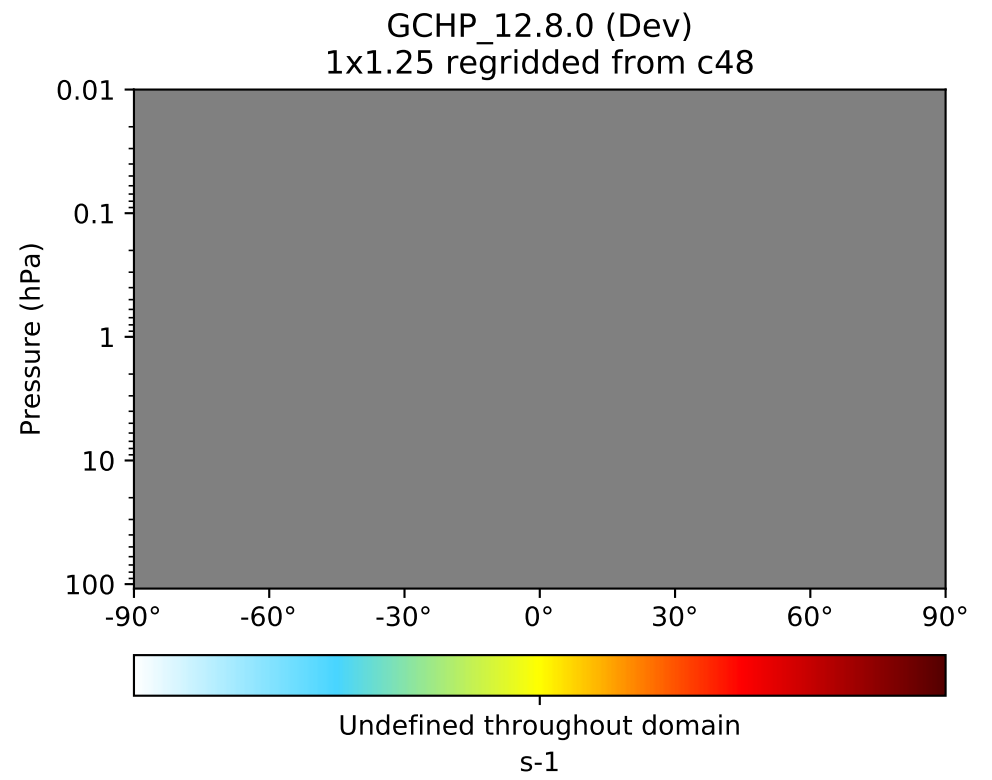
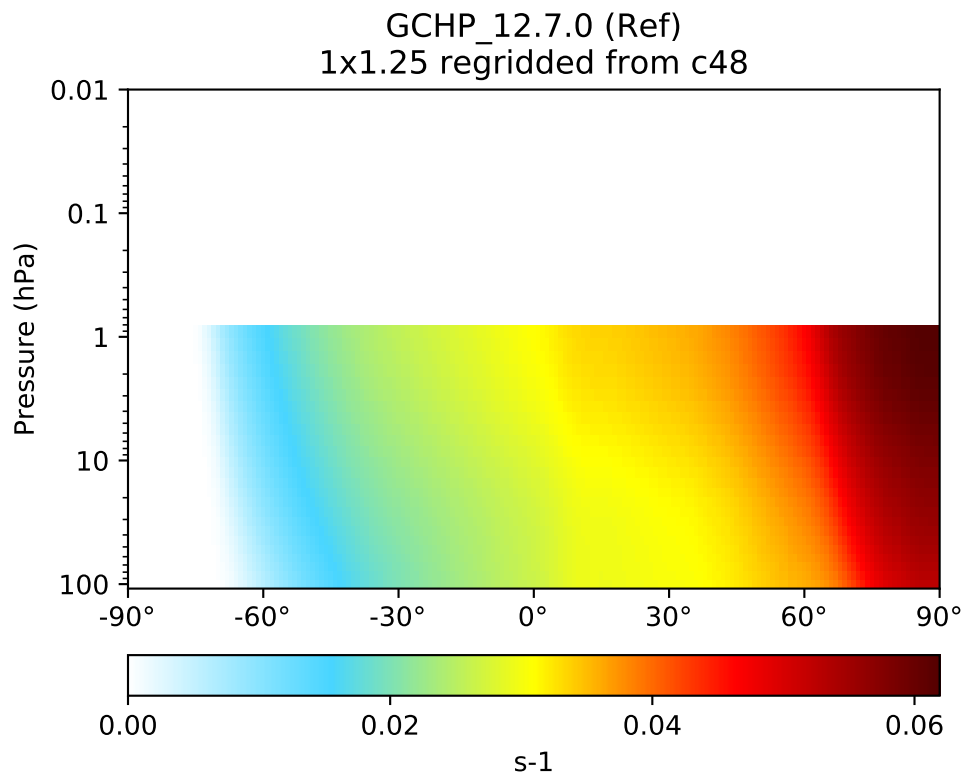
Jval_BrNO2, Zonal Mean



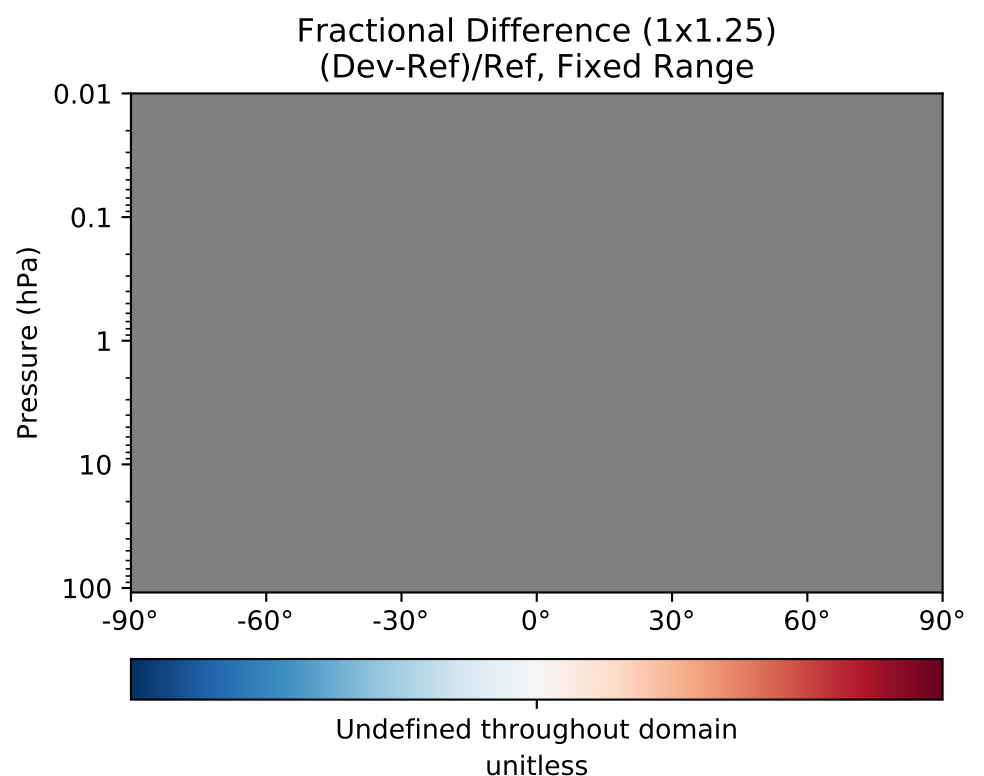
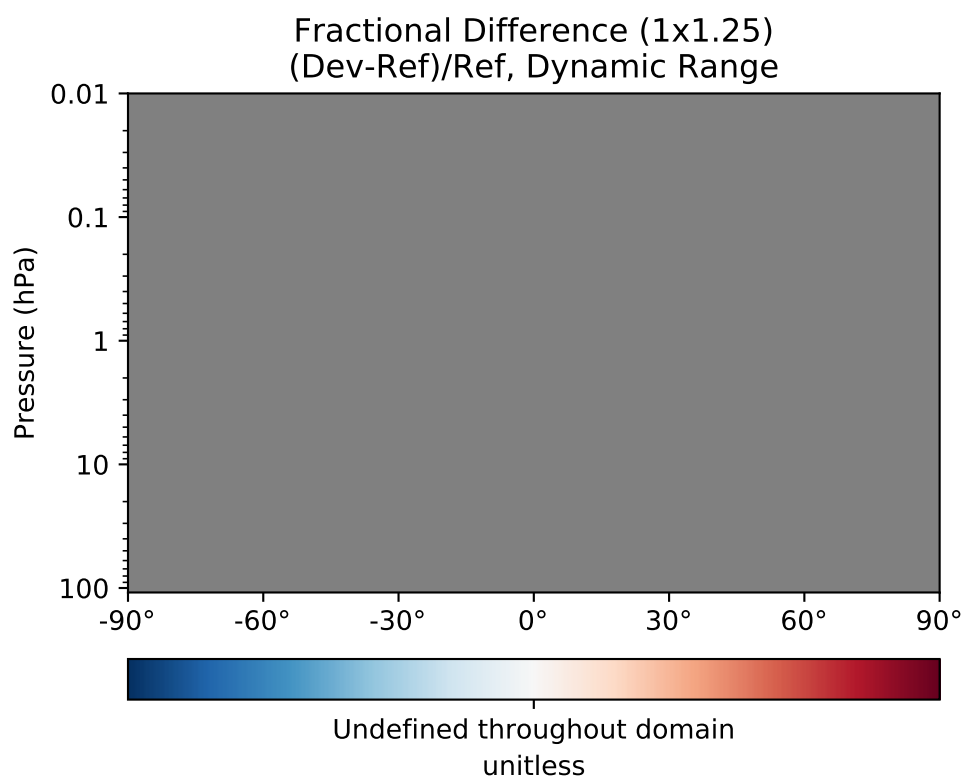
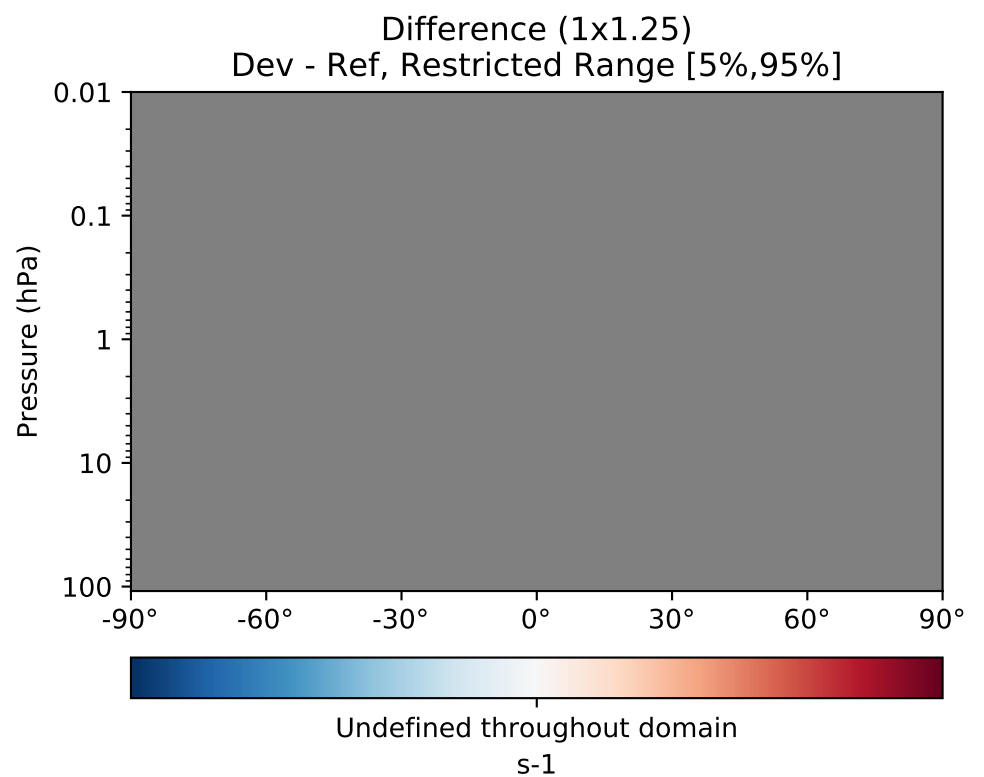
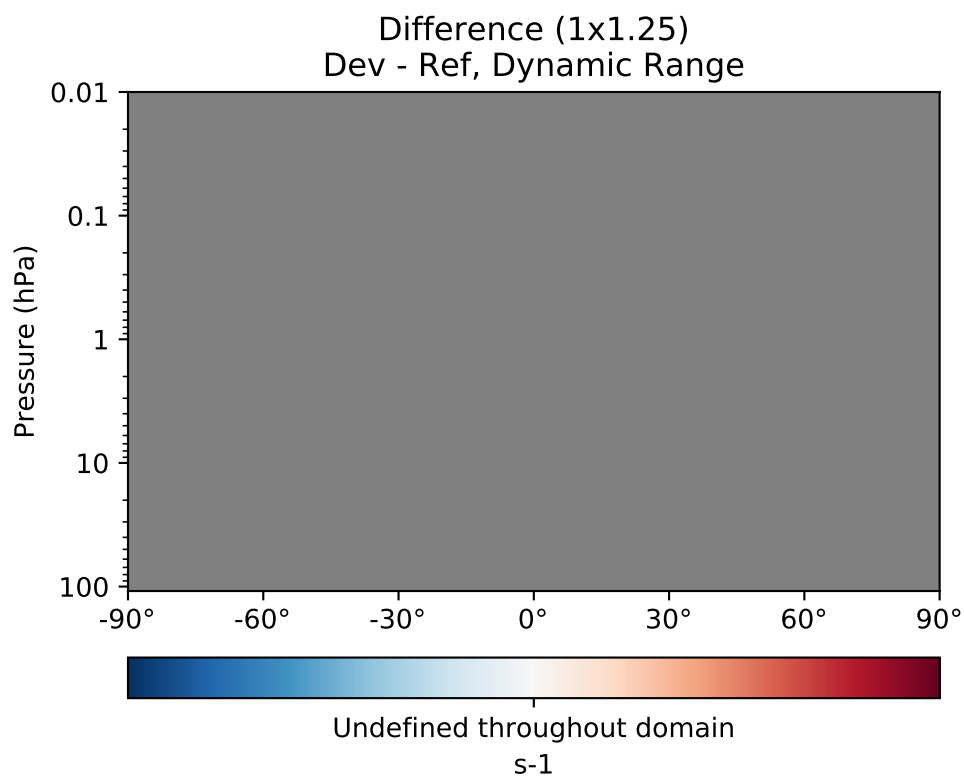
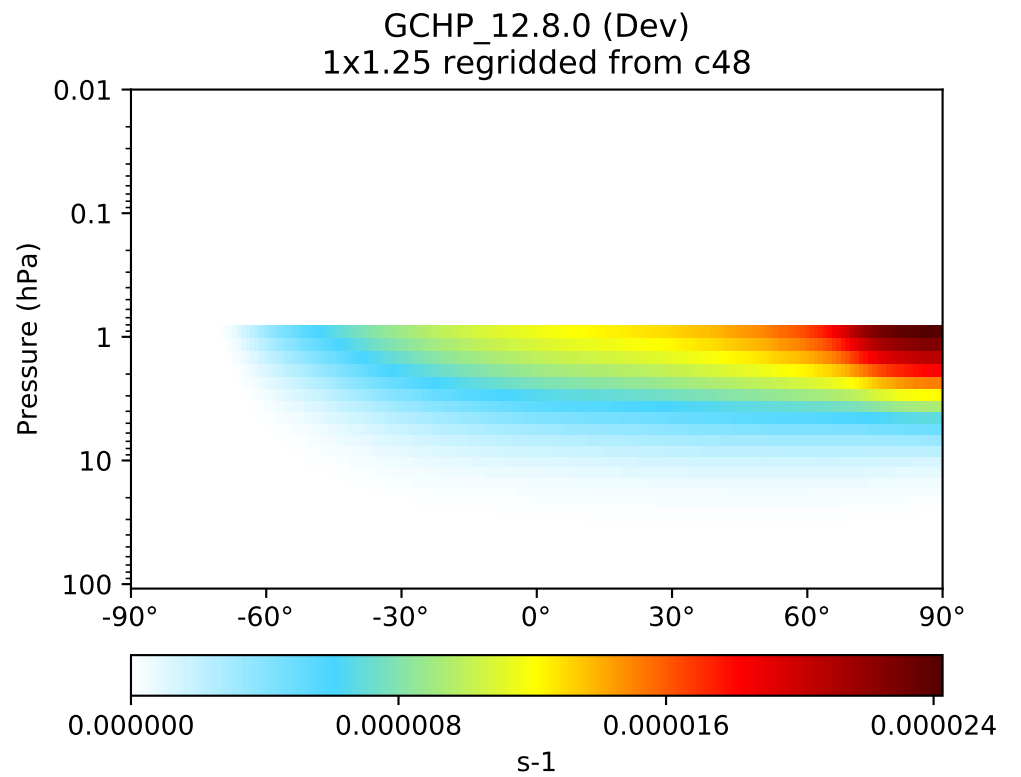
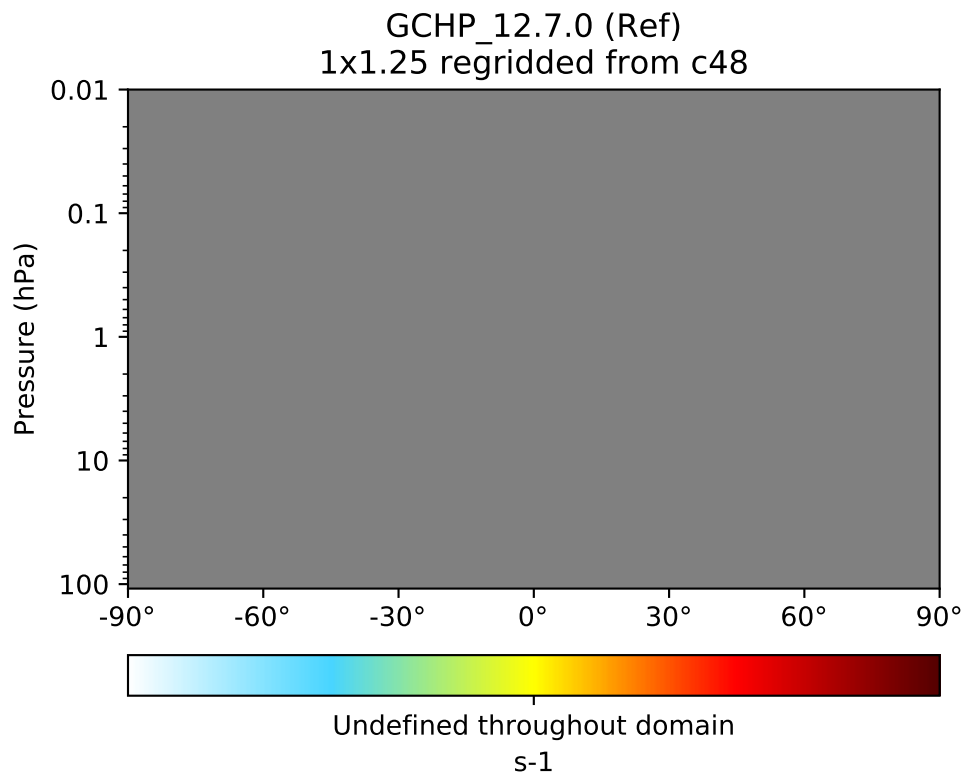
Jval_BrNO3, Zonal Mean



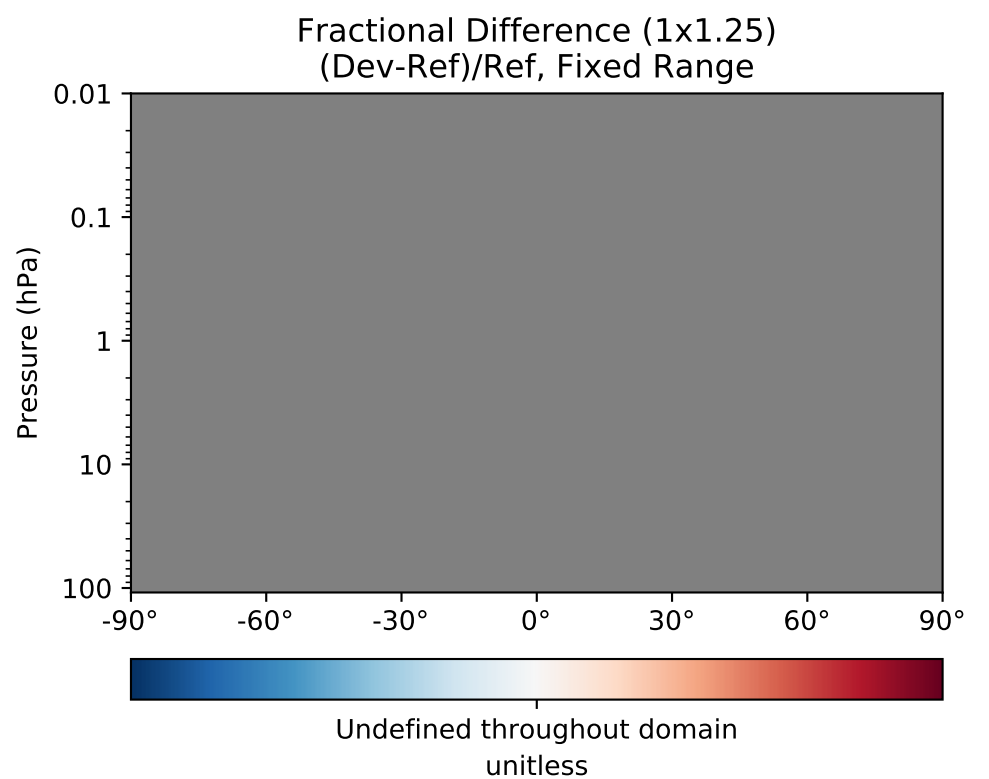
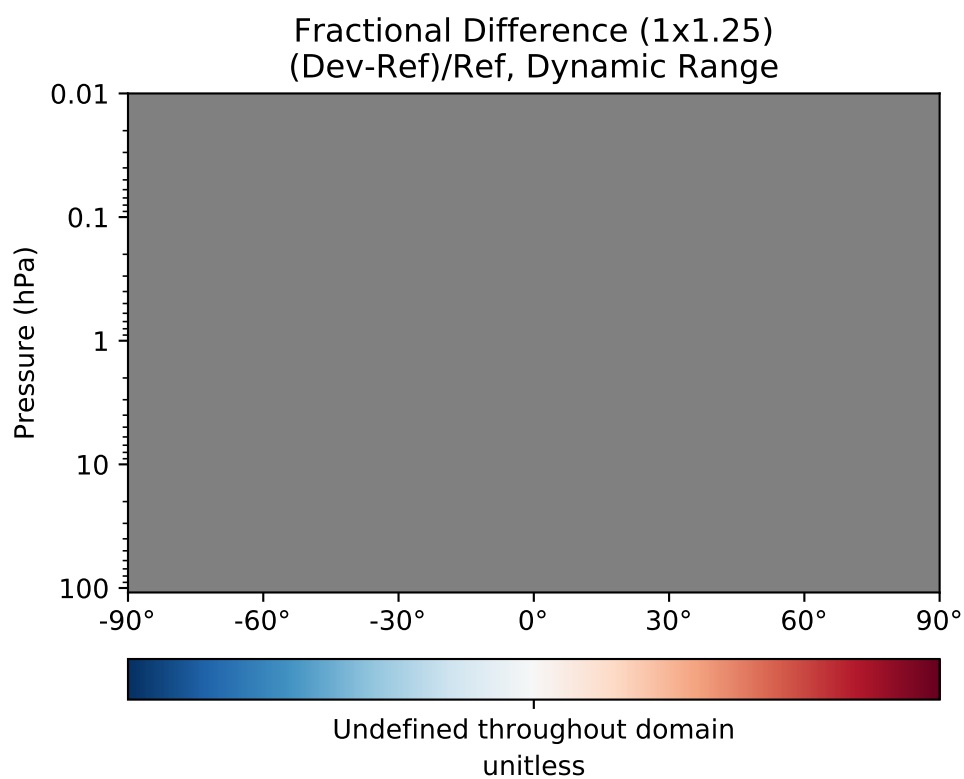
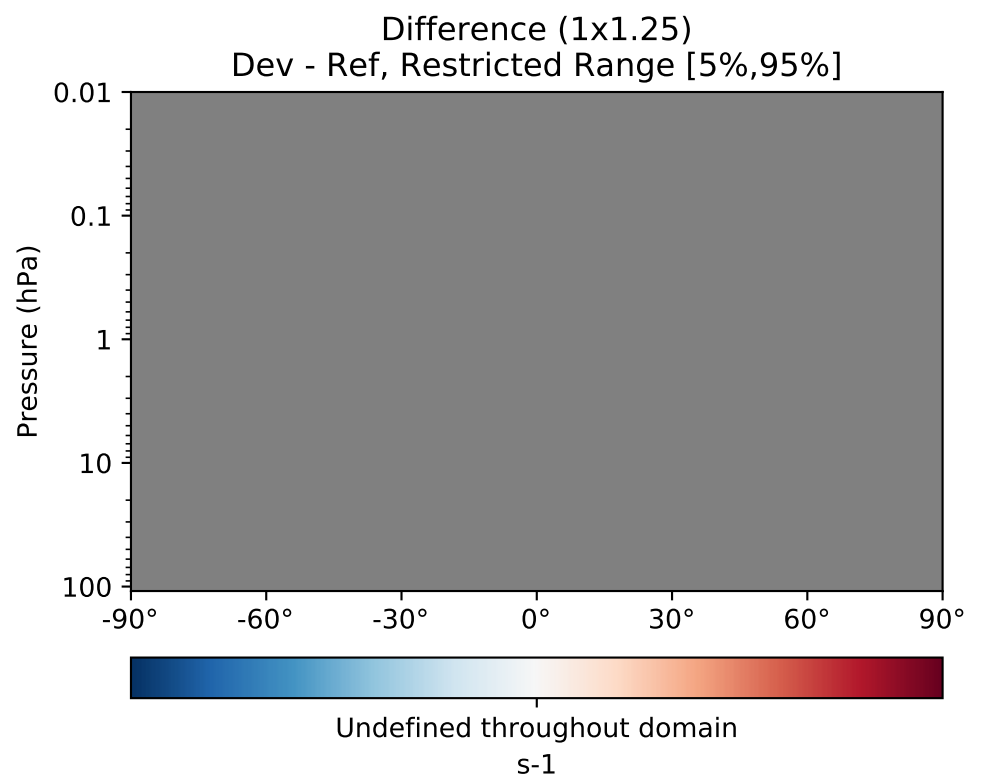
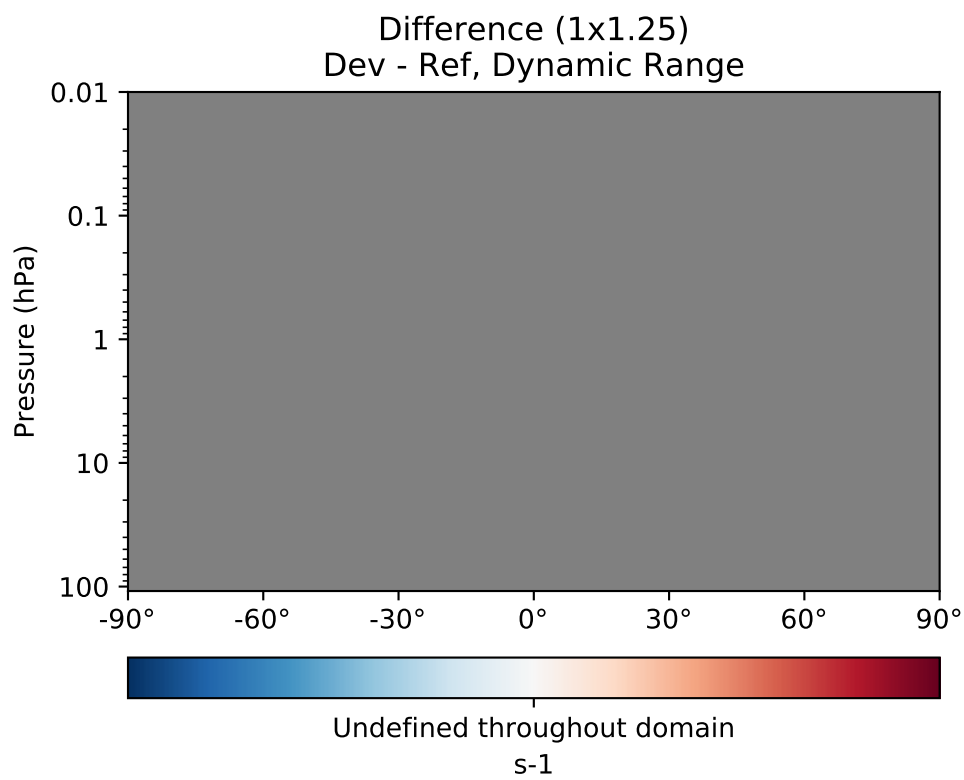
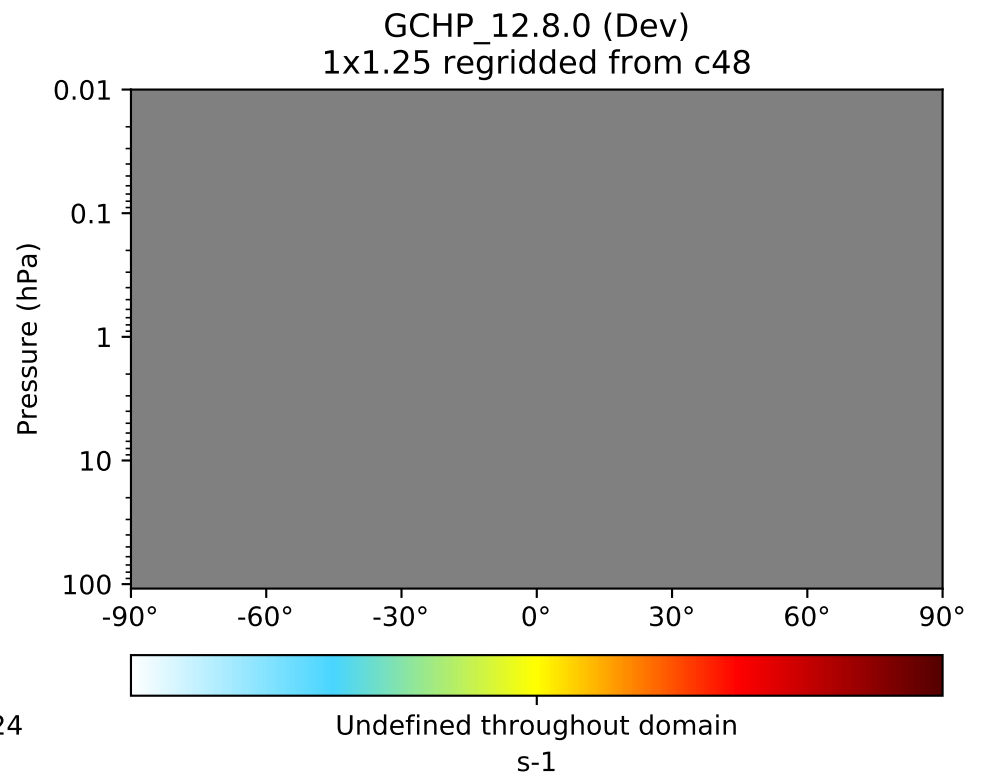
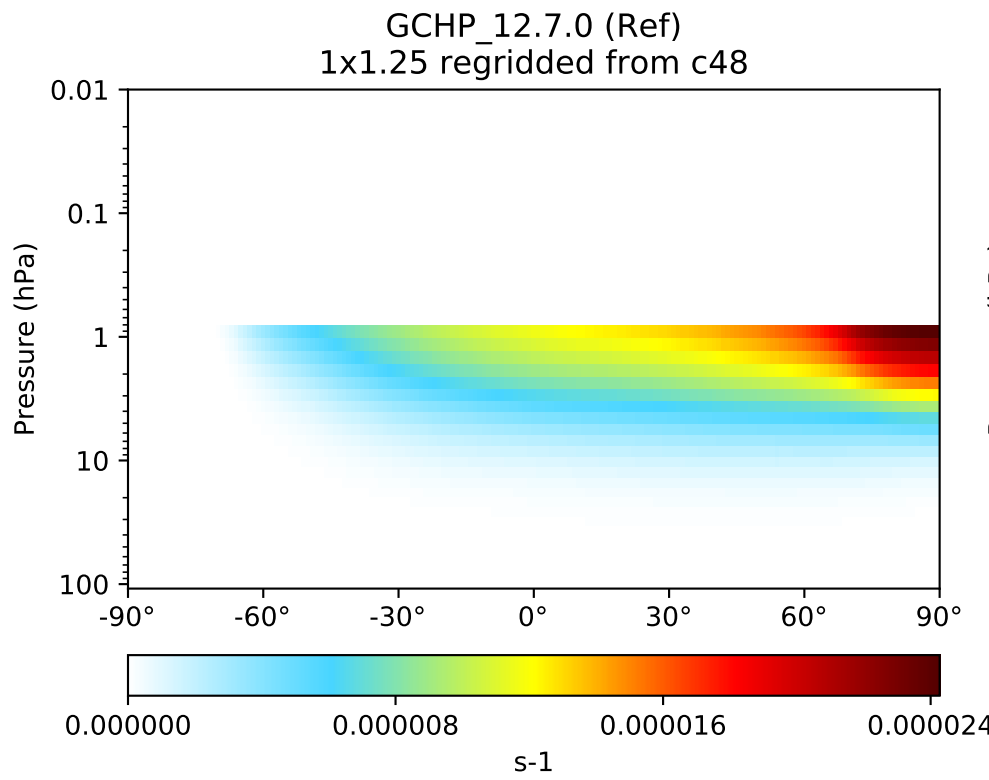
Jval_BrO, Zonal Mean



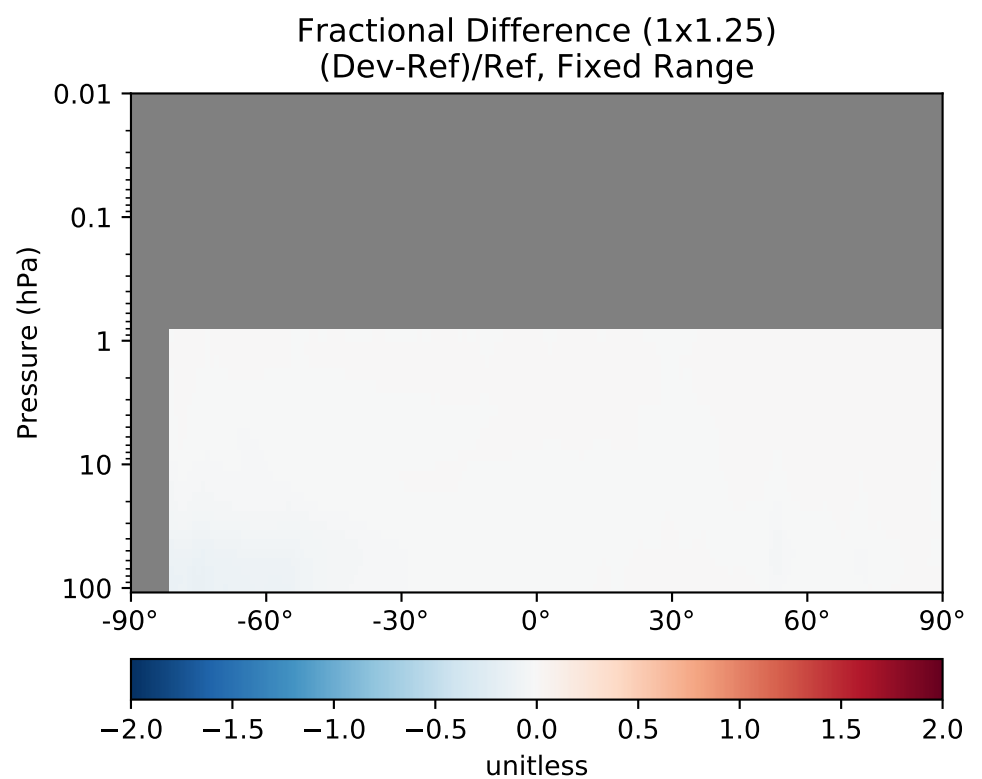
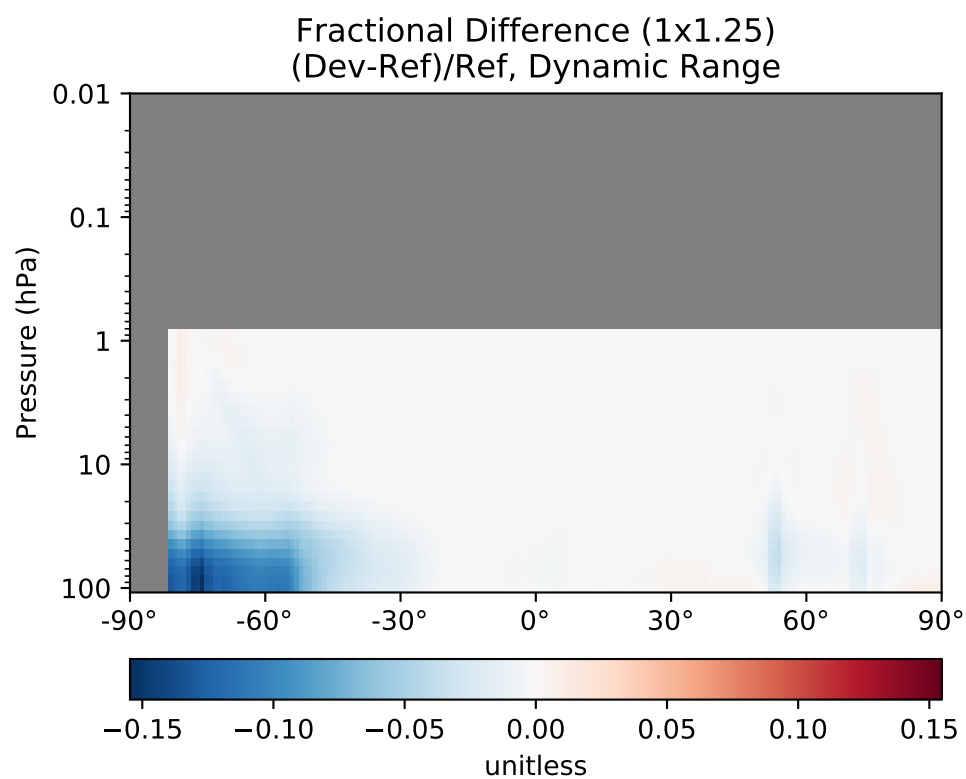
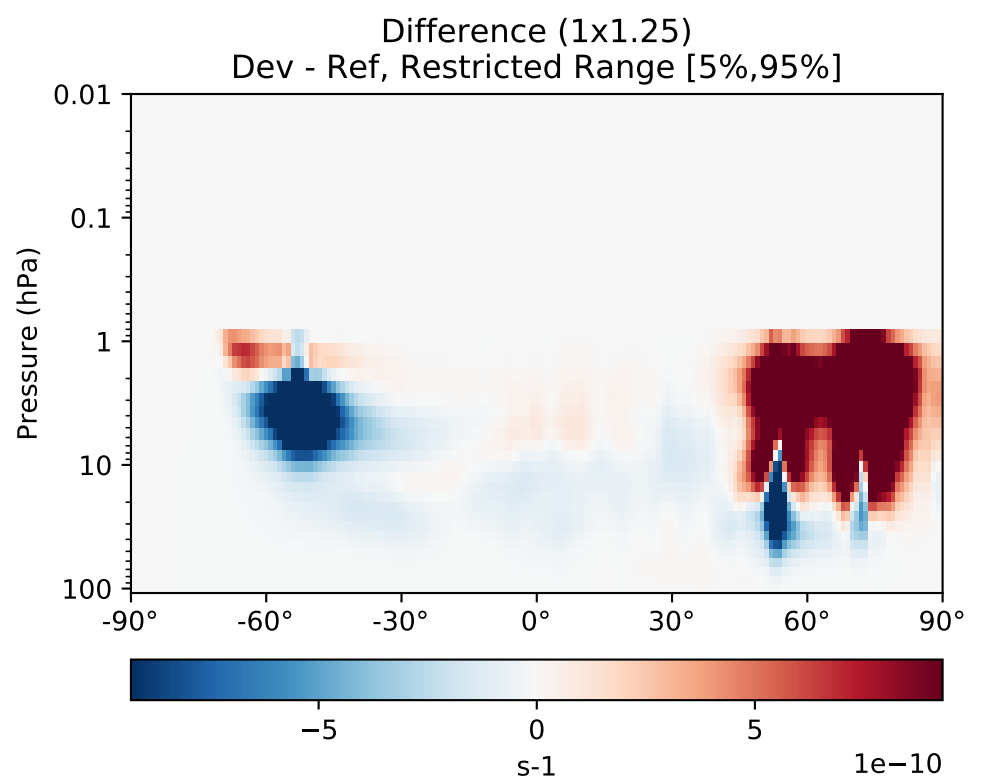
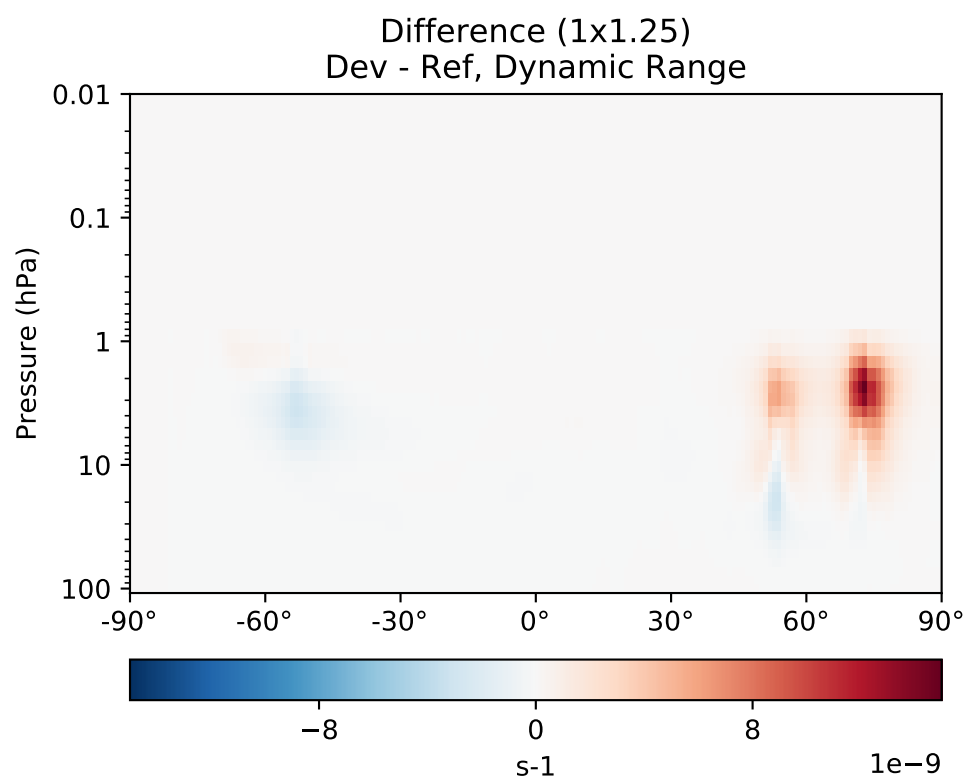
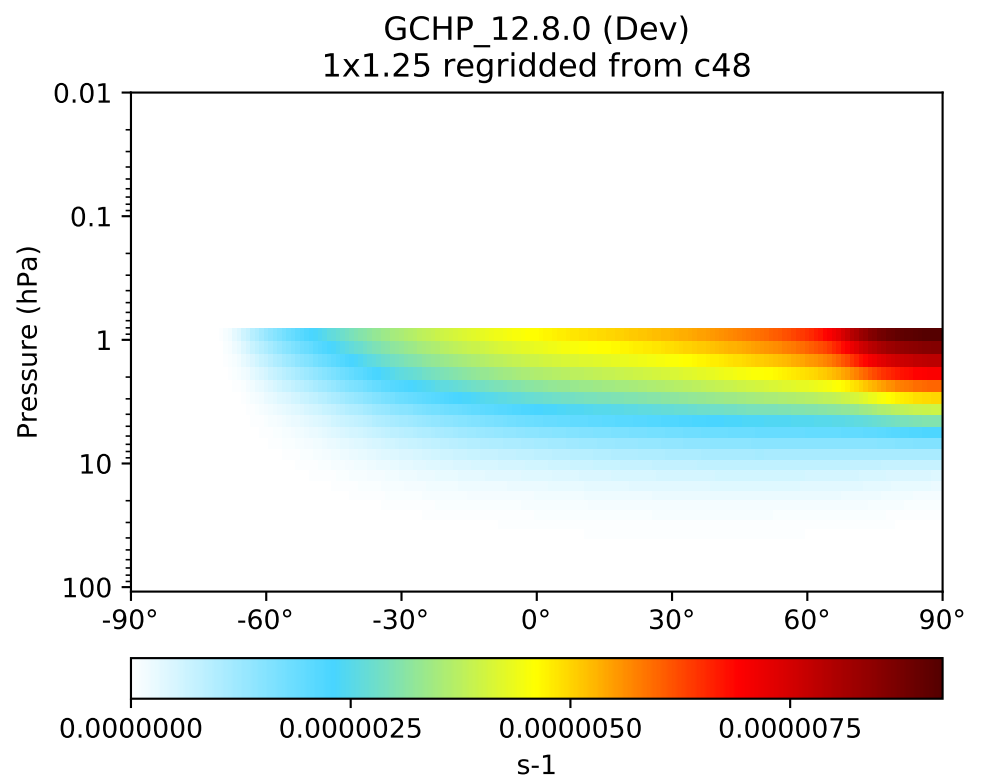
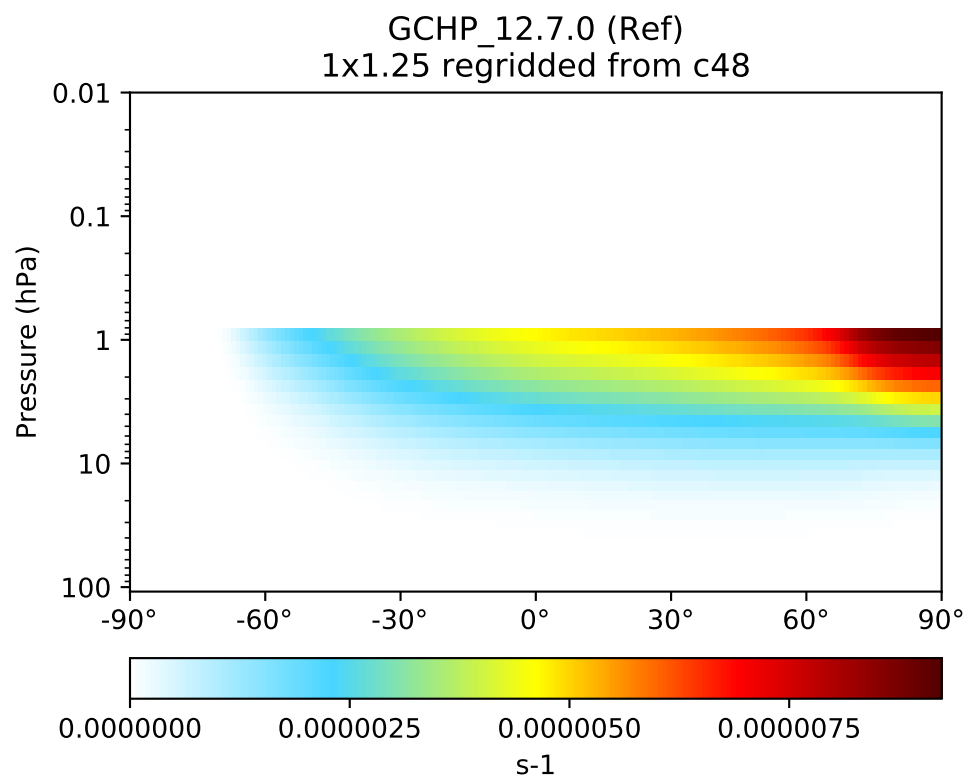
Jval_CCL4, Zonal Mean



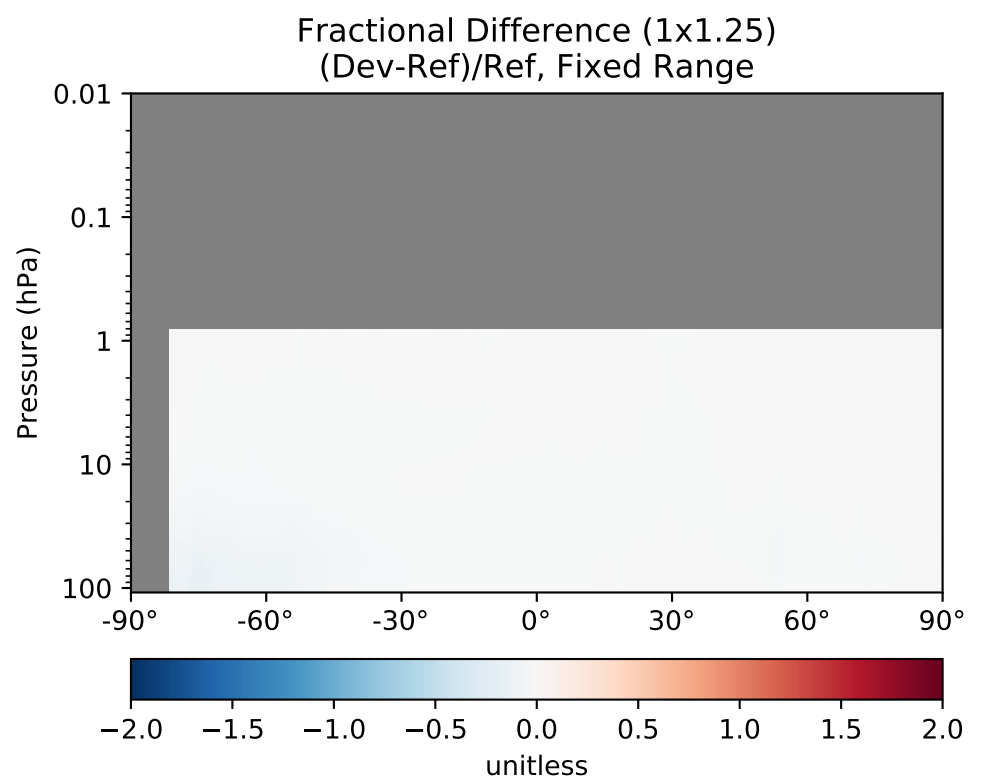
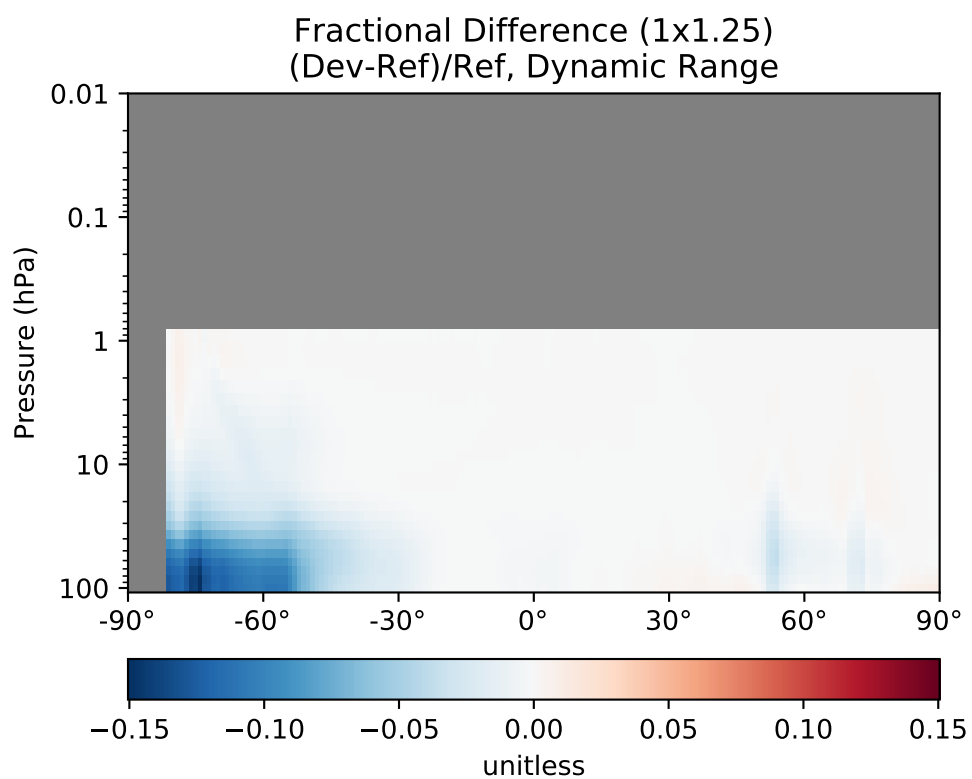
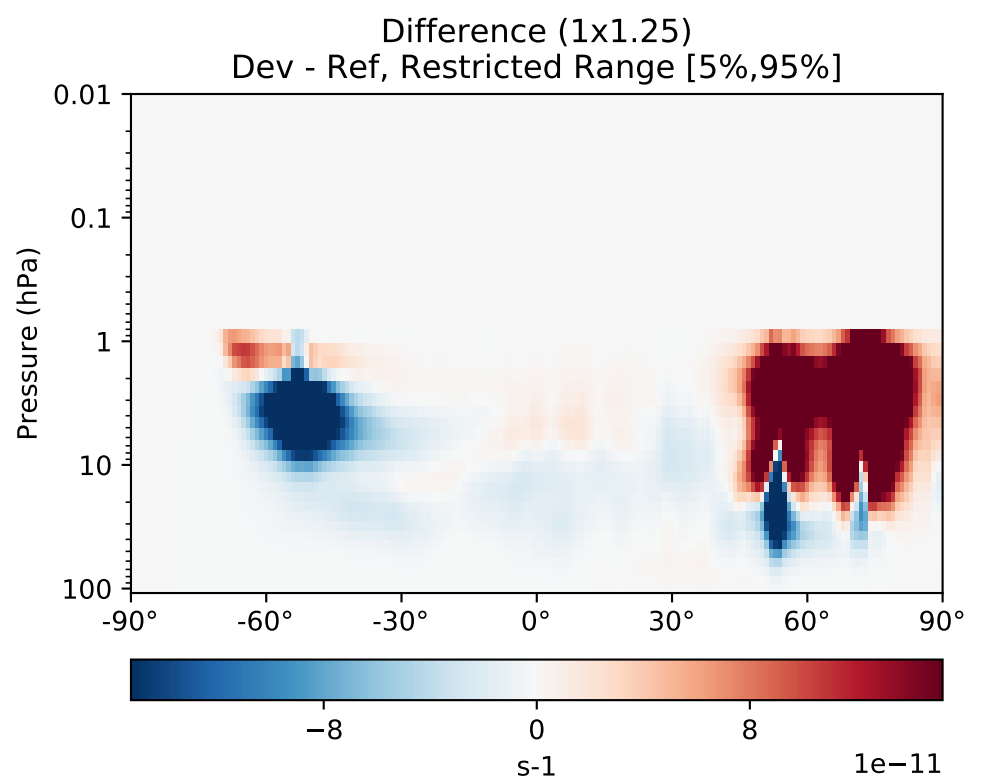
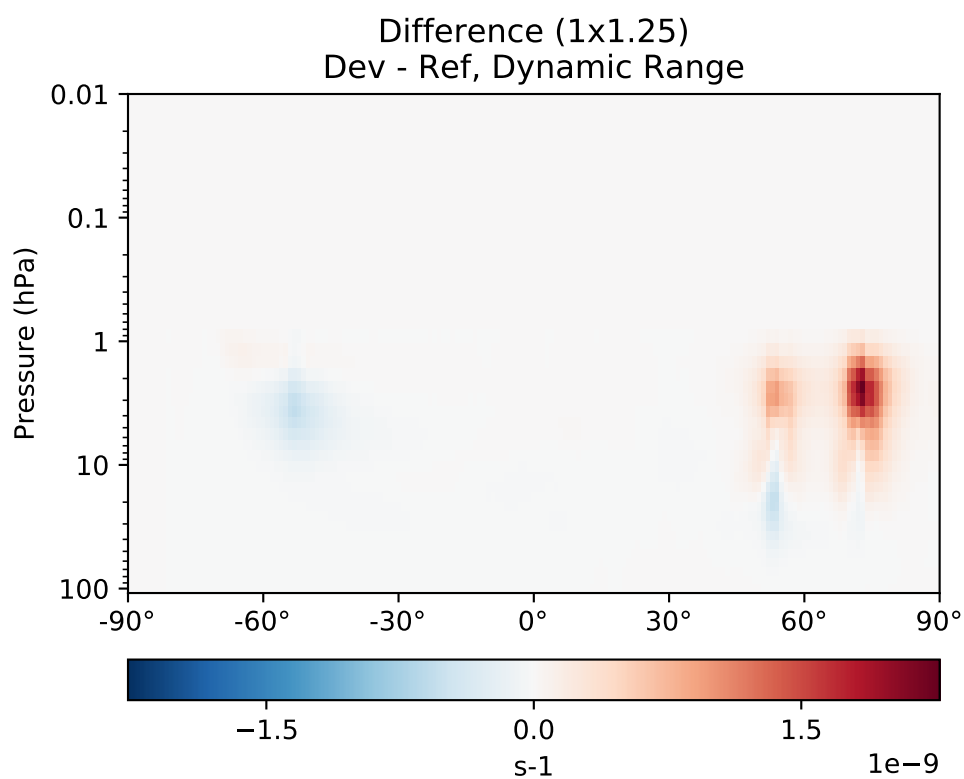
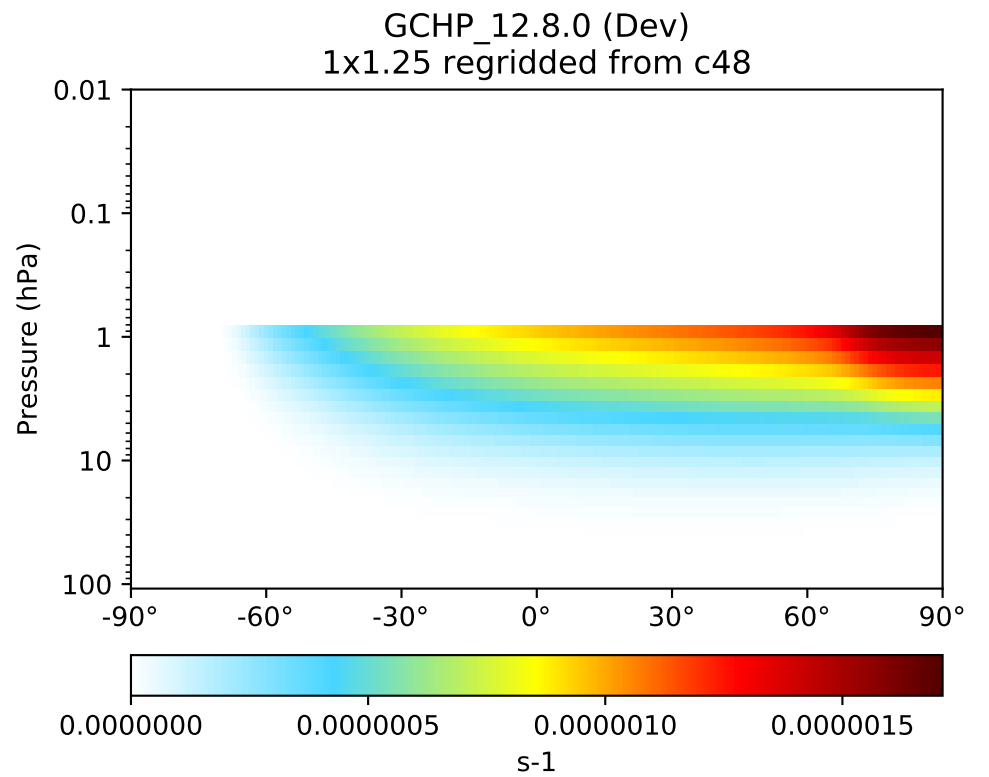
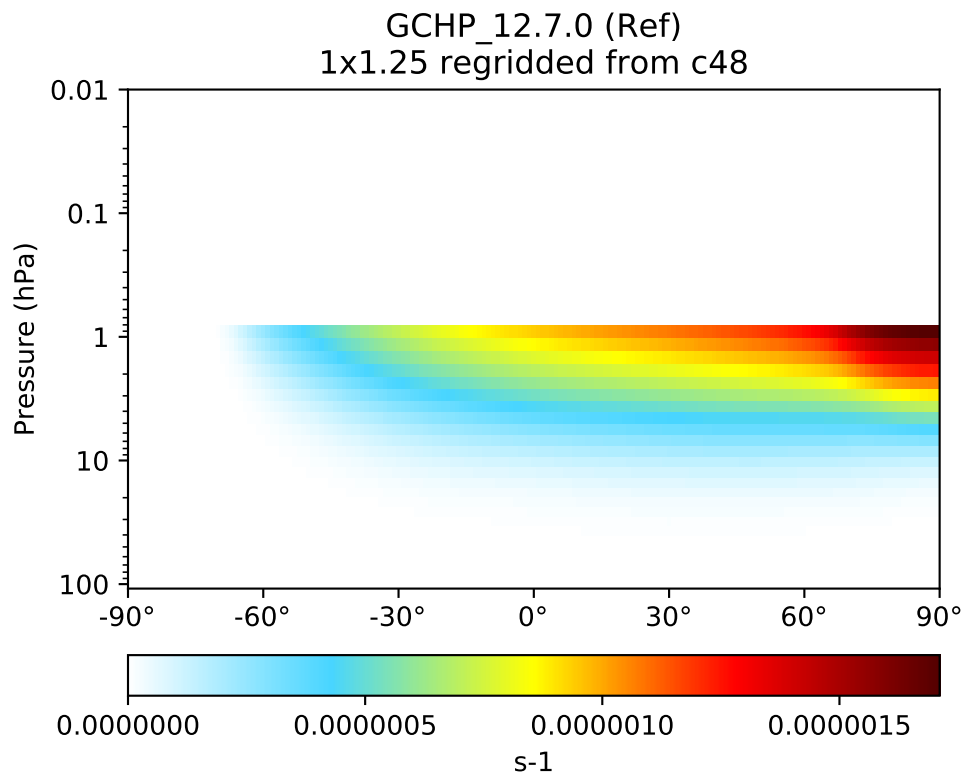
Jval_CCl4, Zonal Mean



Jval_CFC11, Zonal Mean

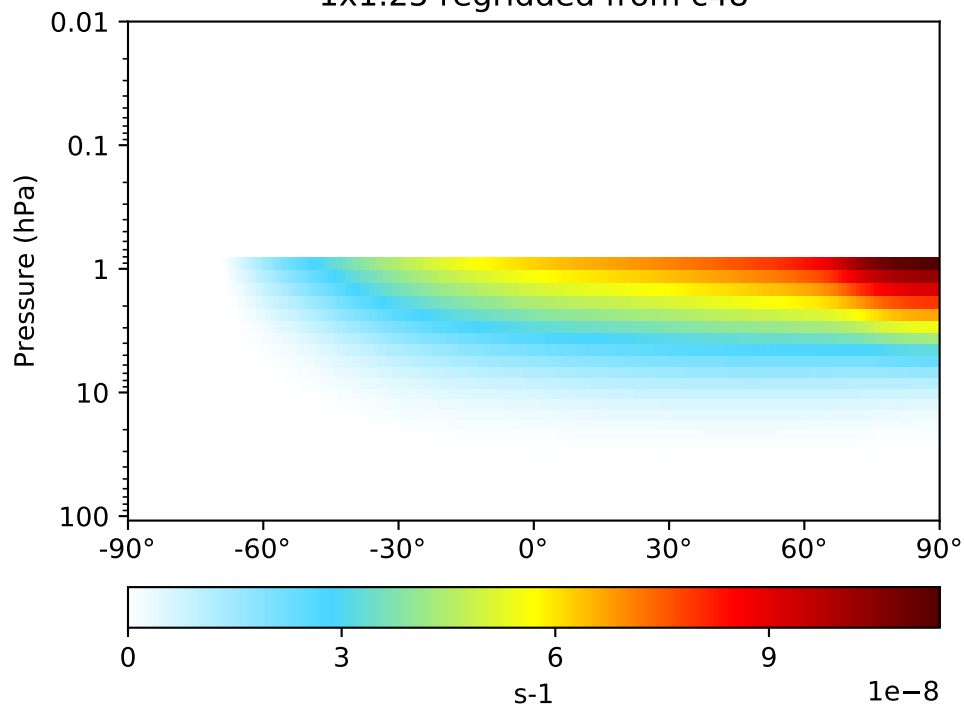


Jval_CFC113, Zonal Mean

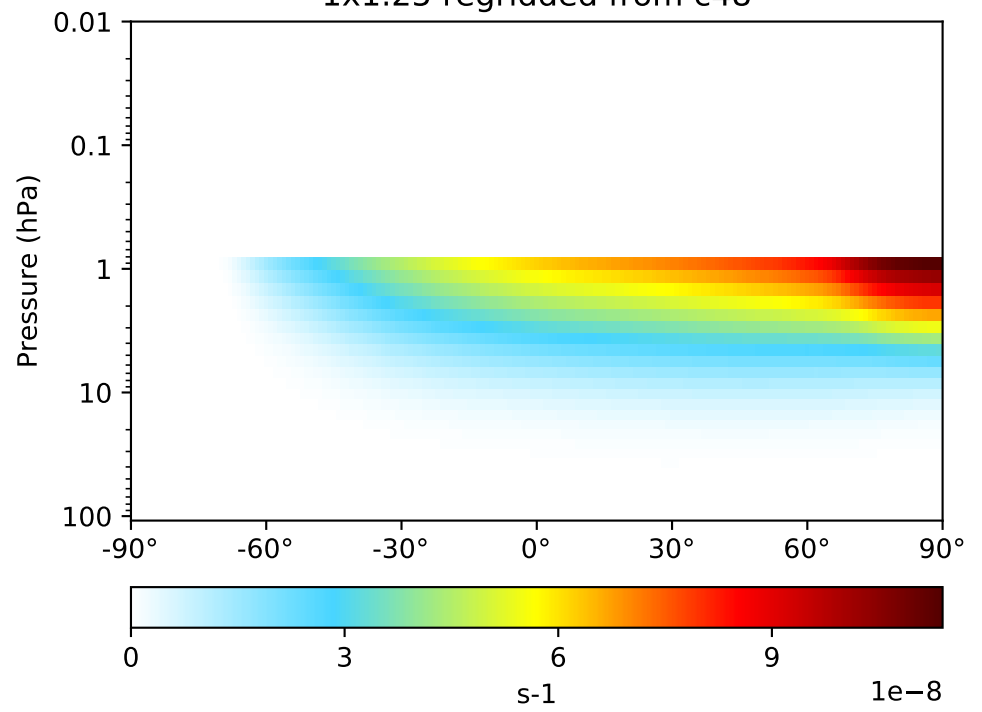


Jval_CFC114, Zonal Mean

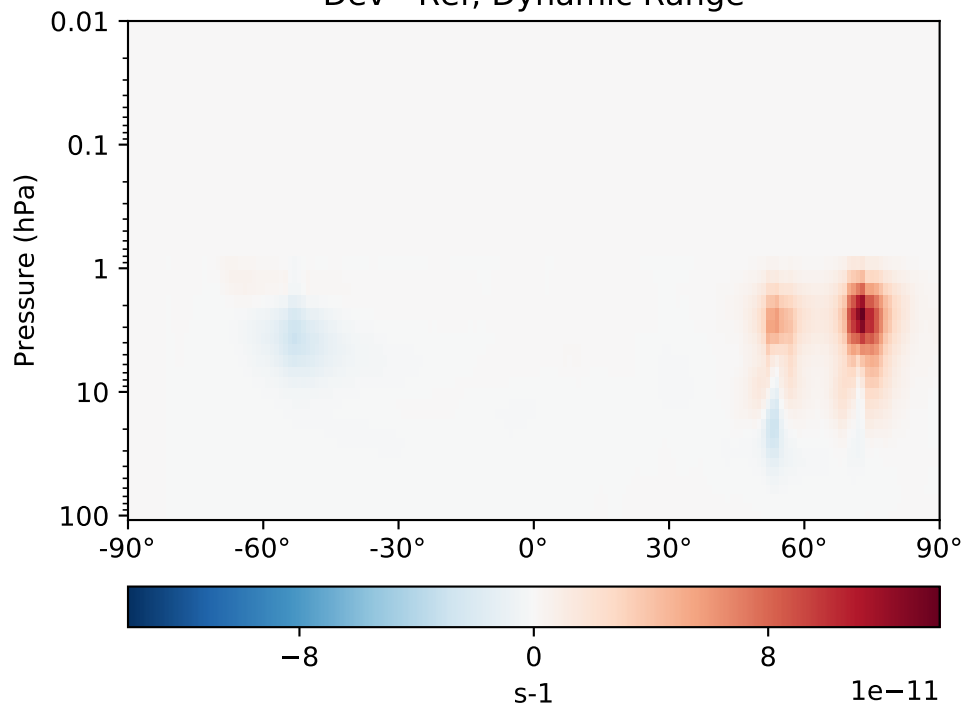
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



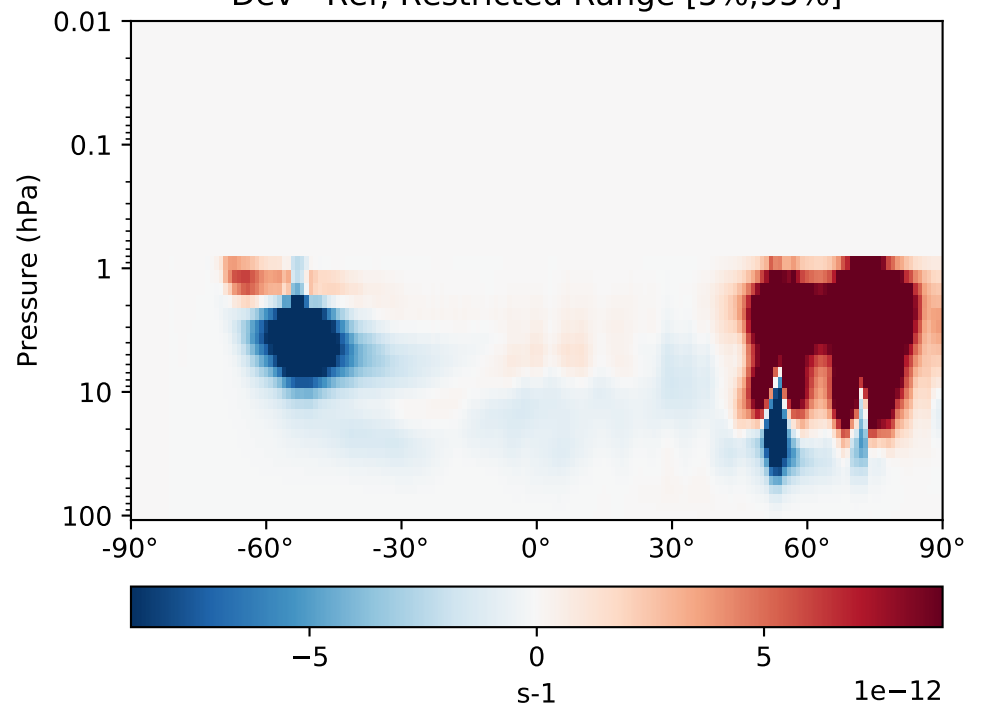
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



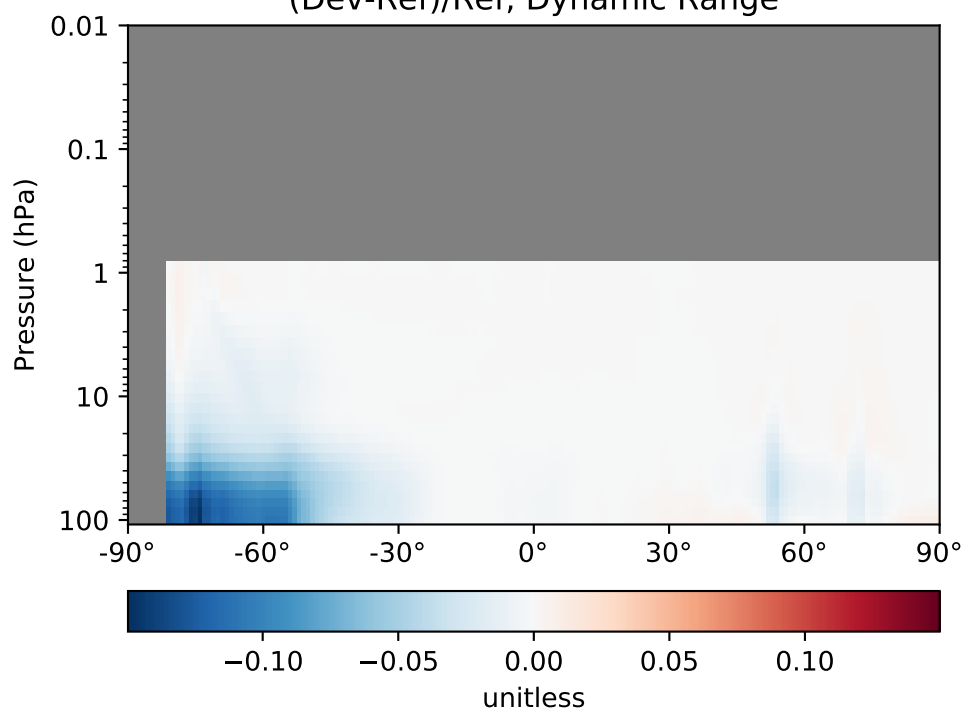
Difference (1x1.25)
Dev - Ref, Dynamic Range



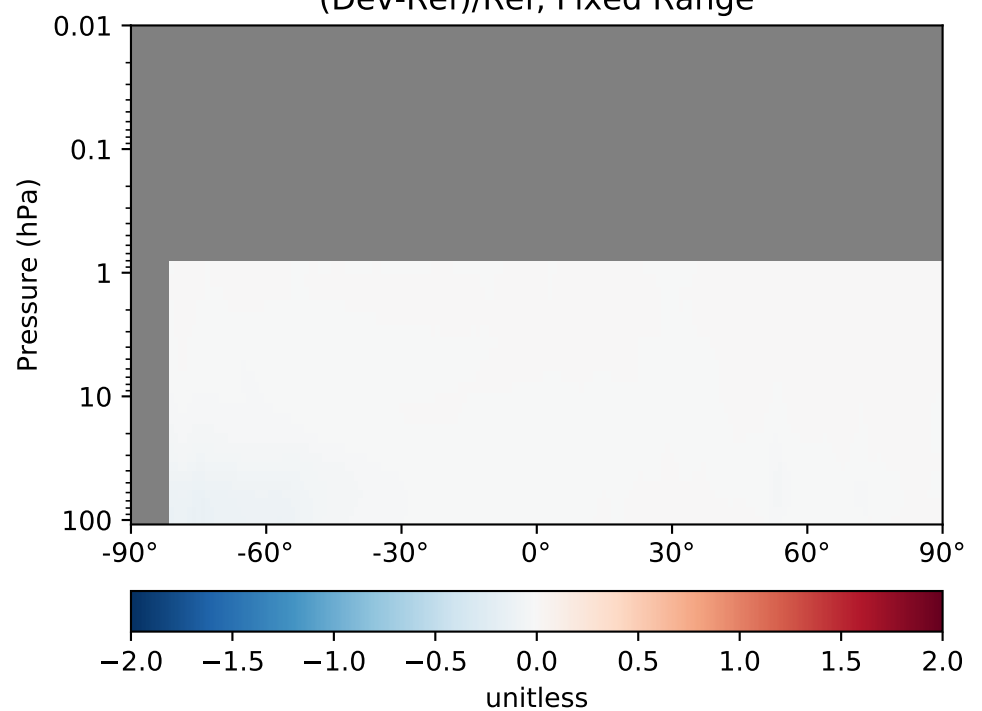
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



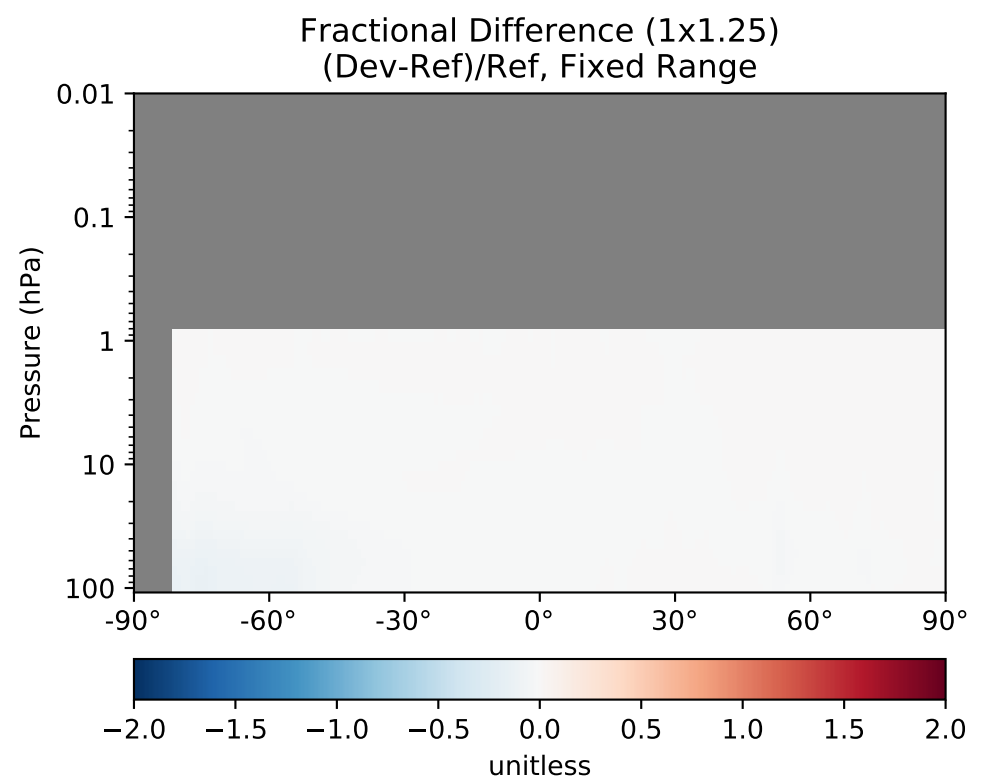
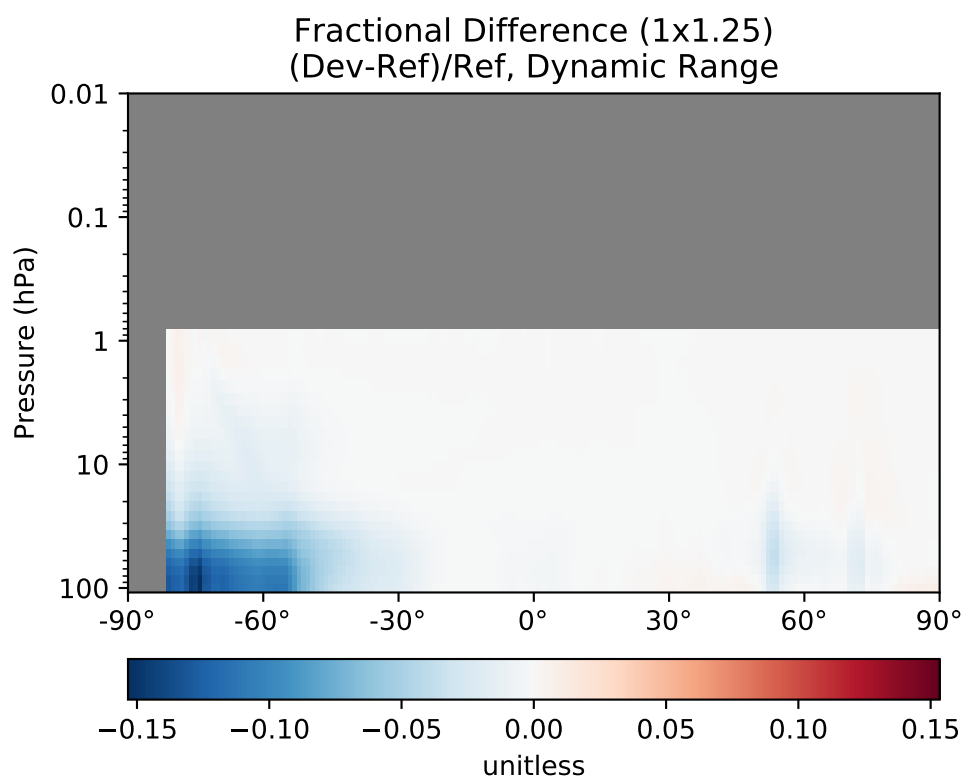
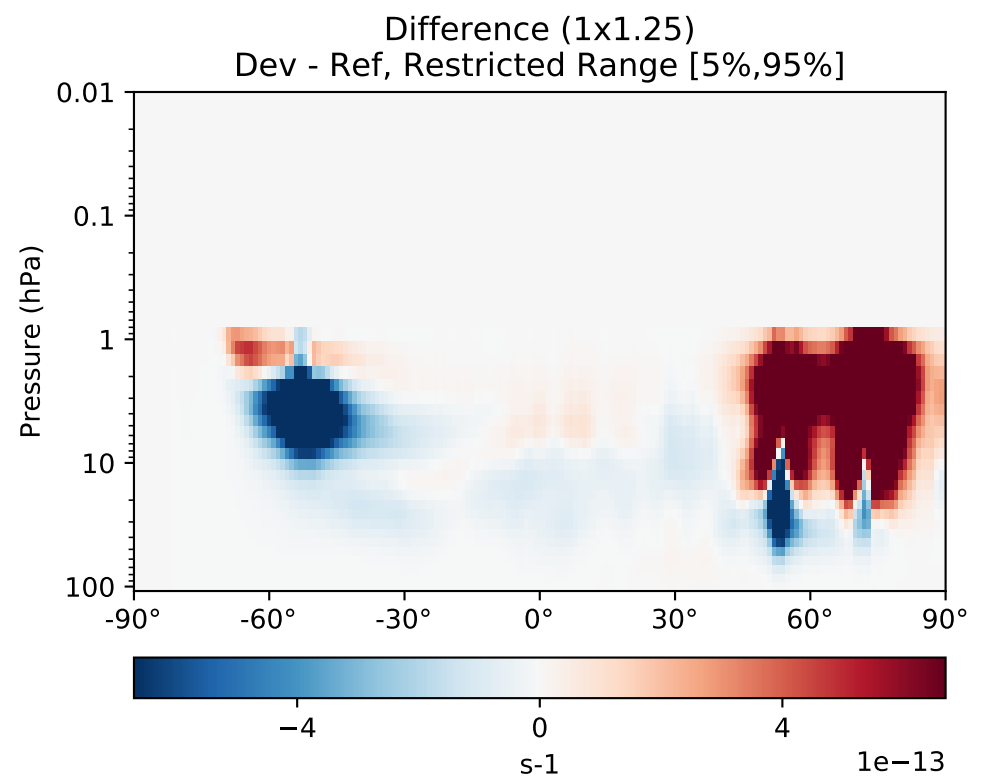
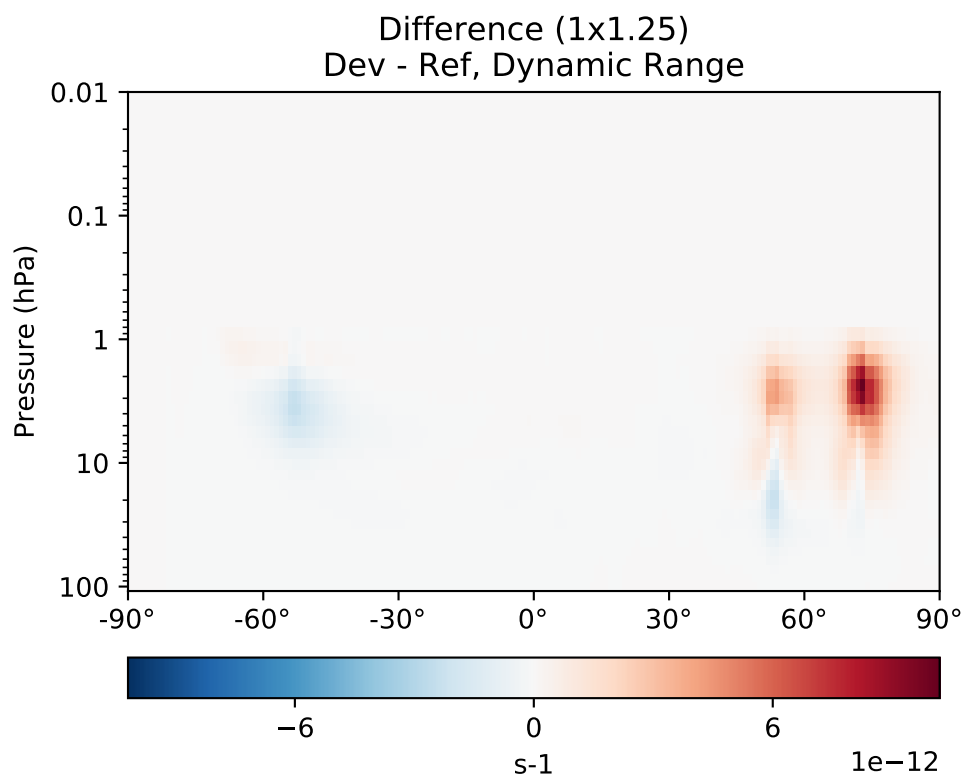
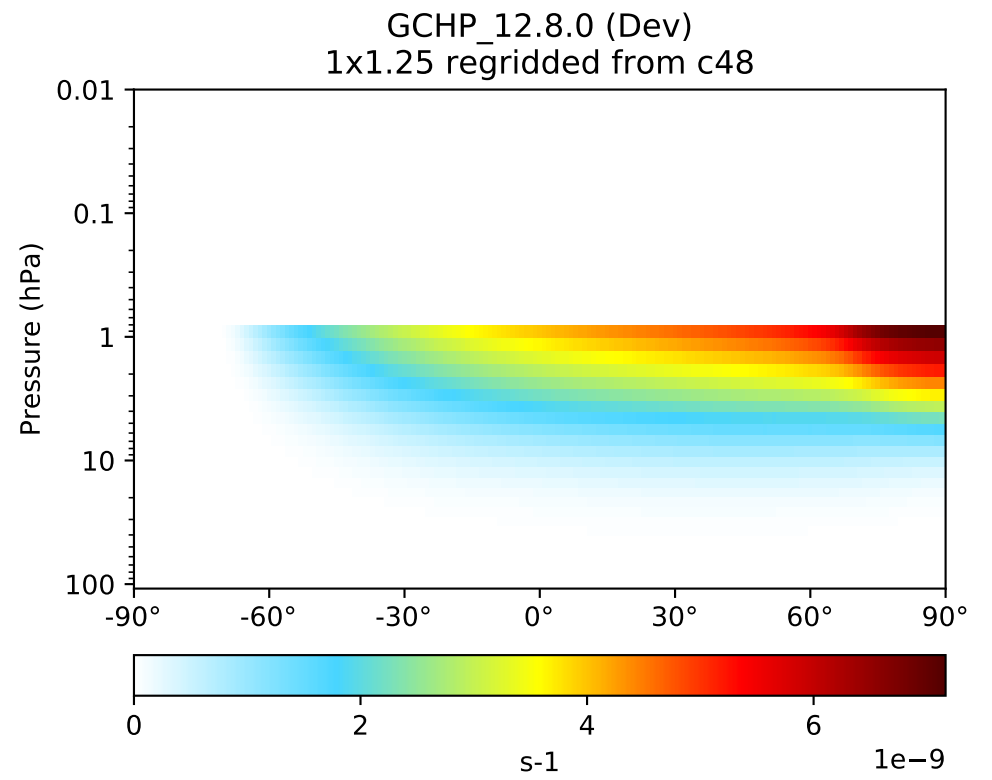
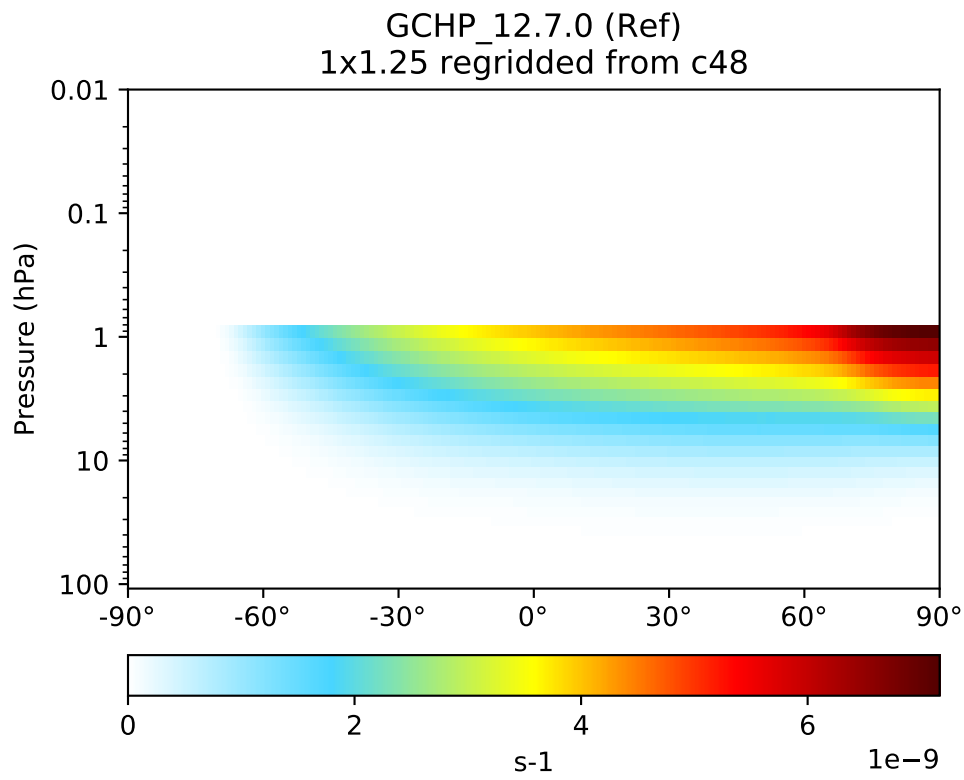
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



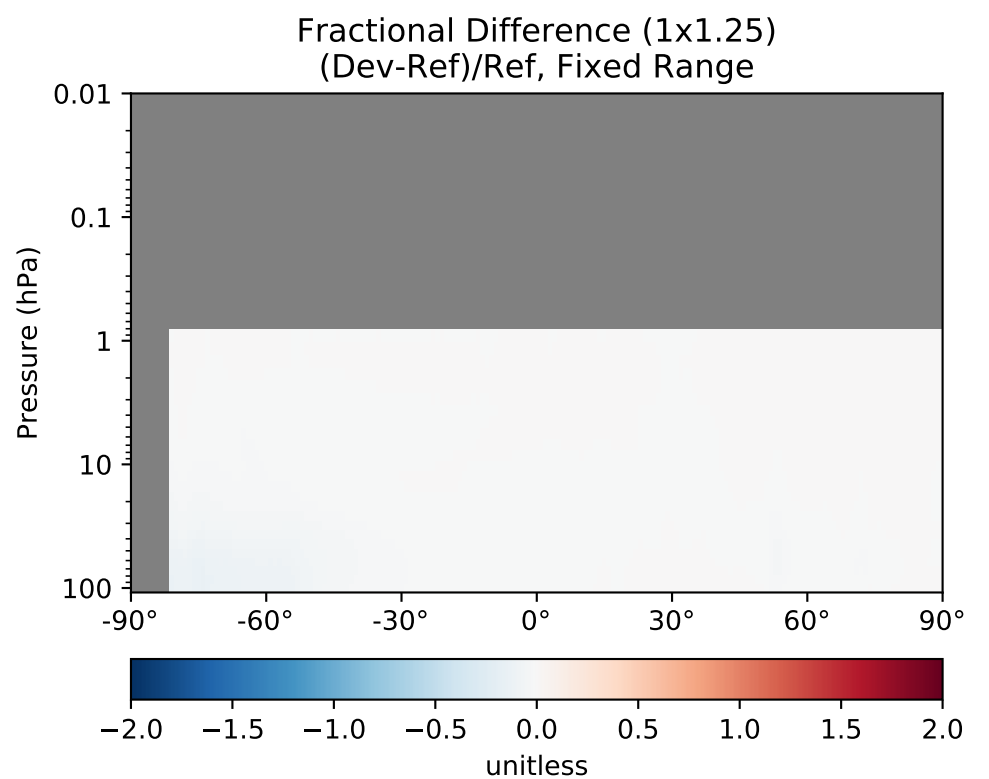
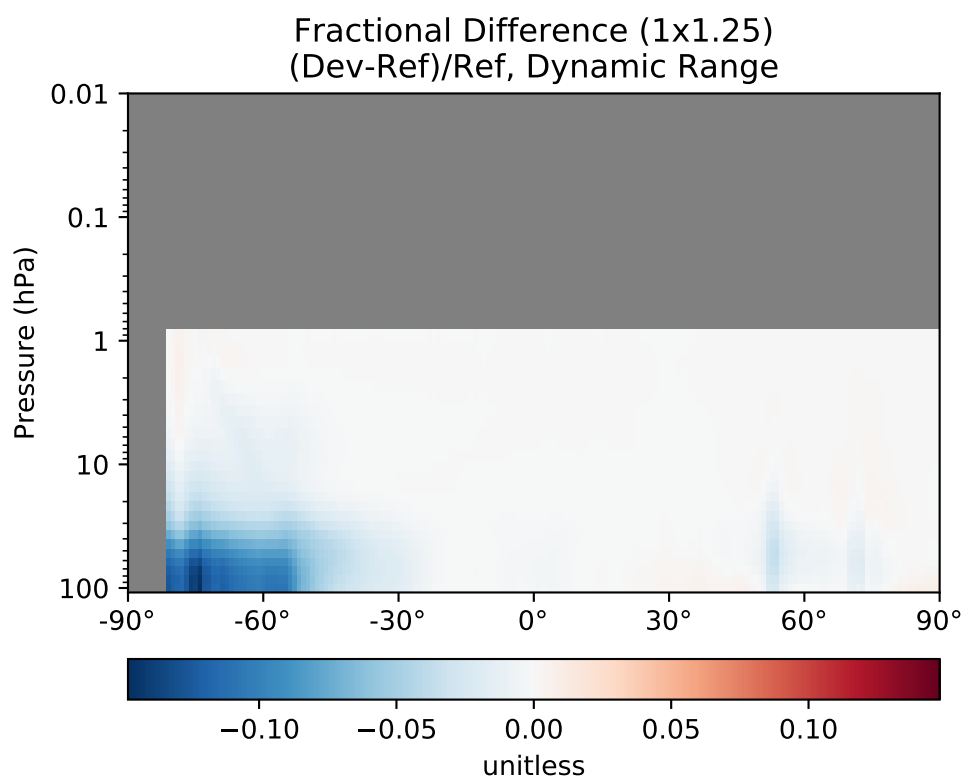
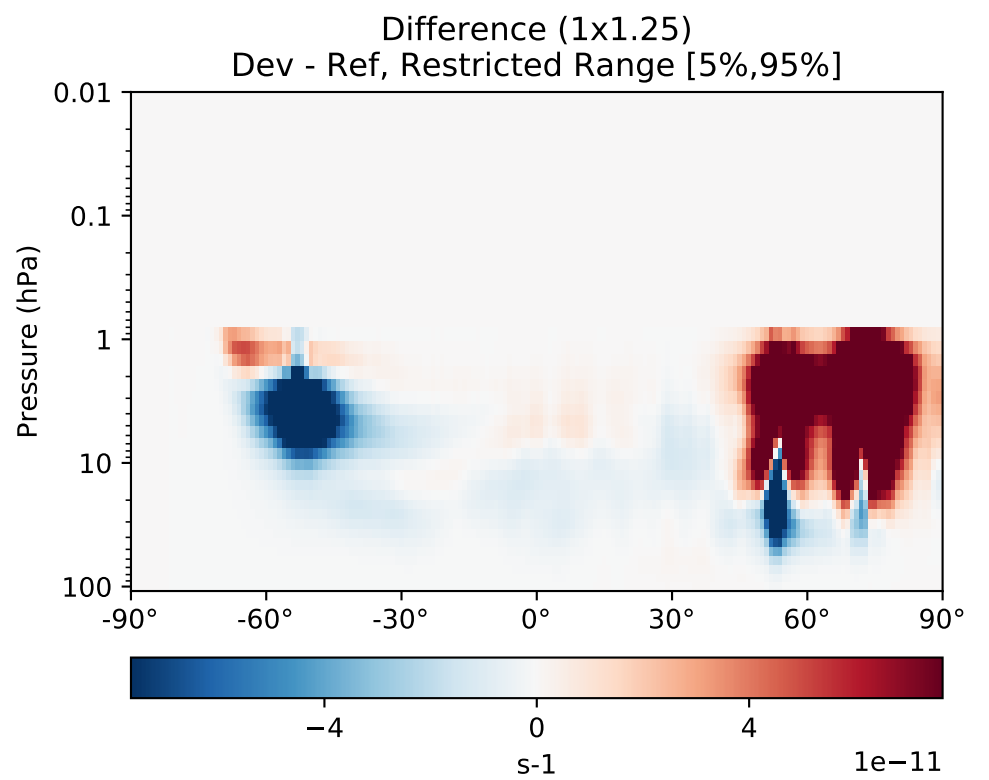
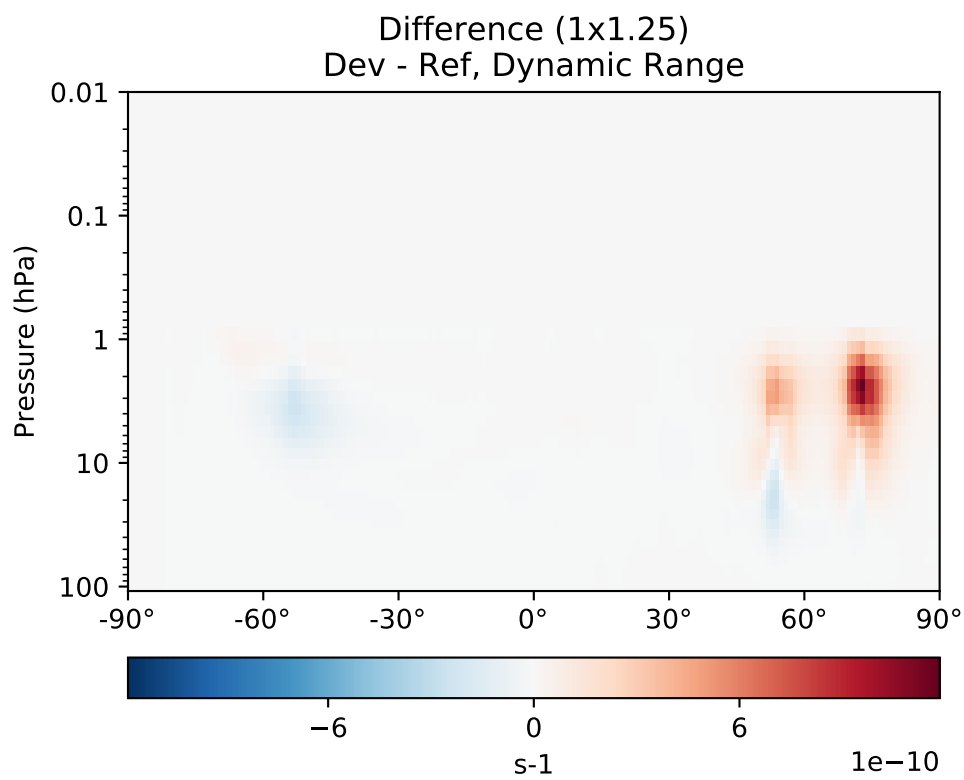
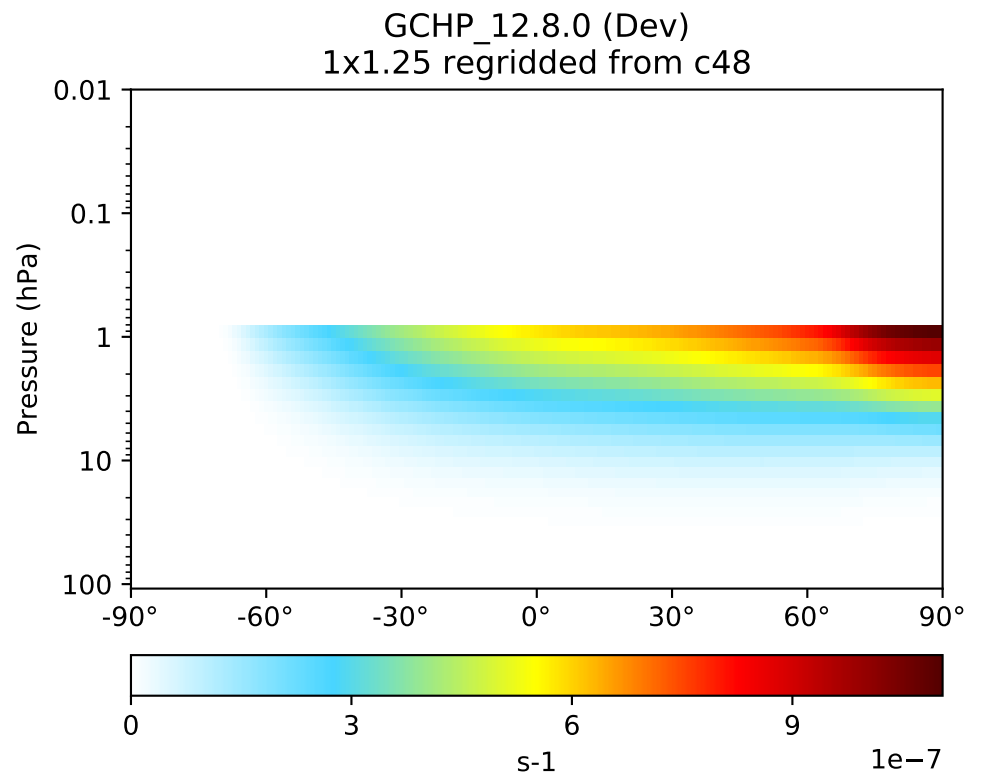
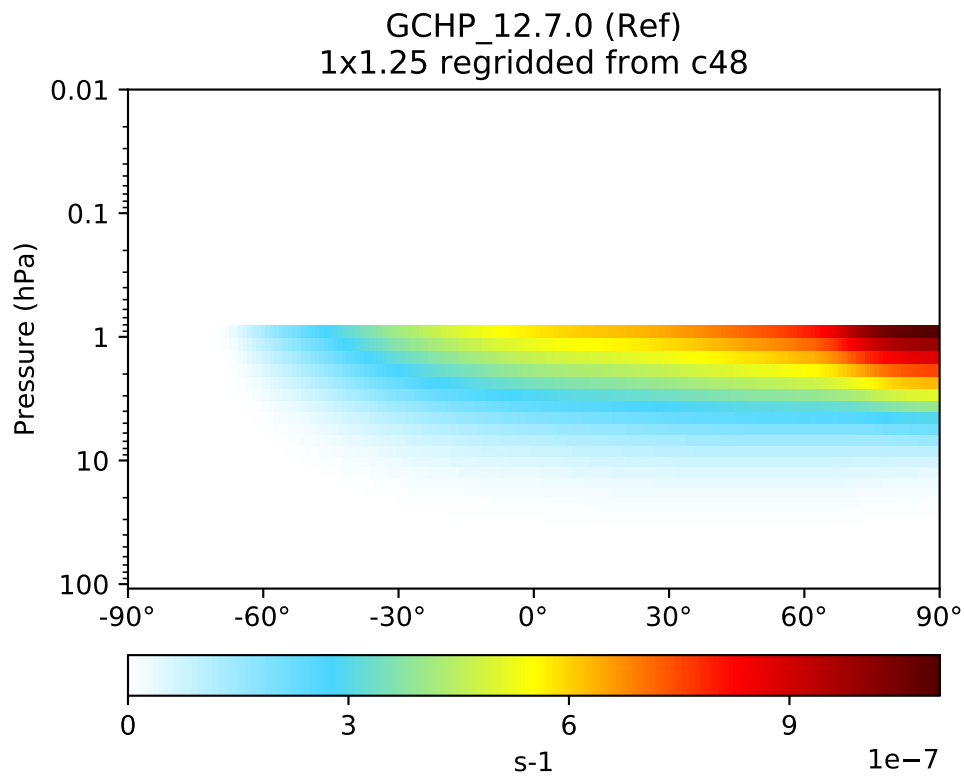
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



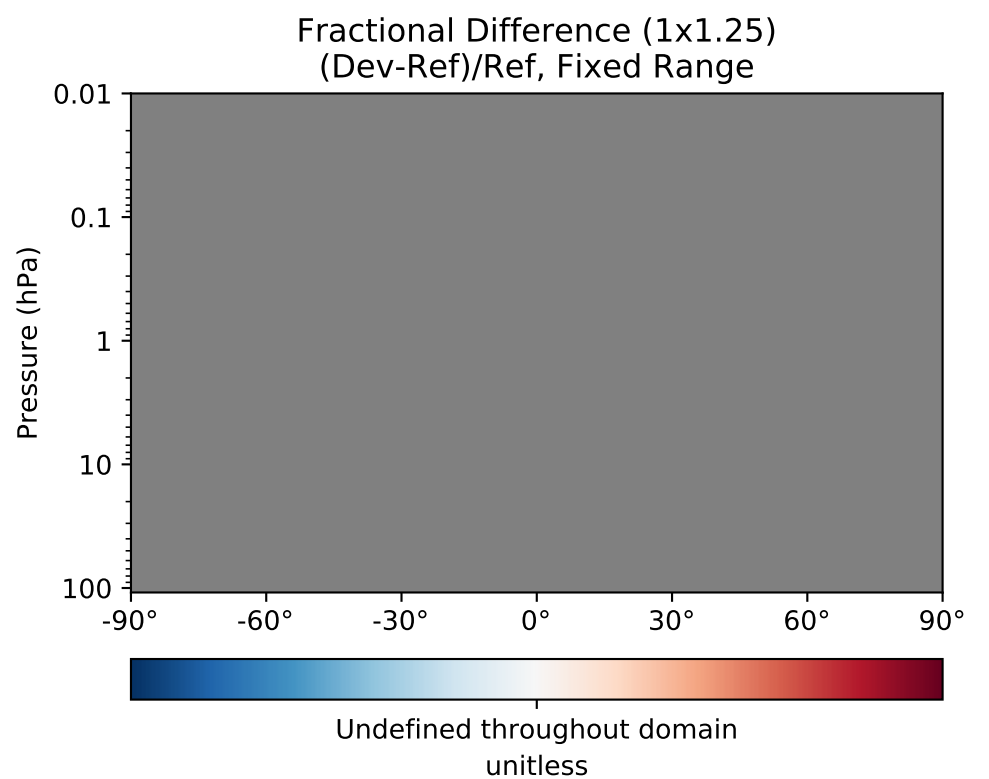
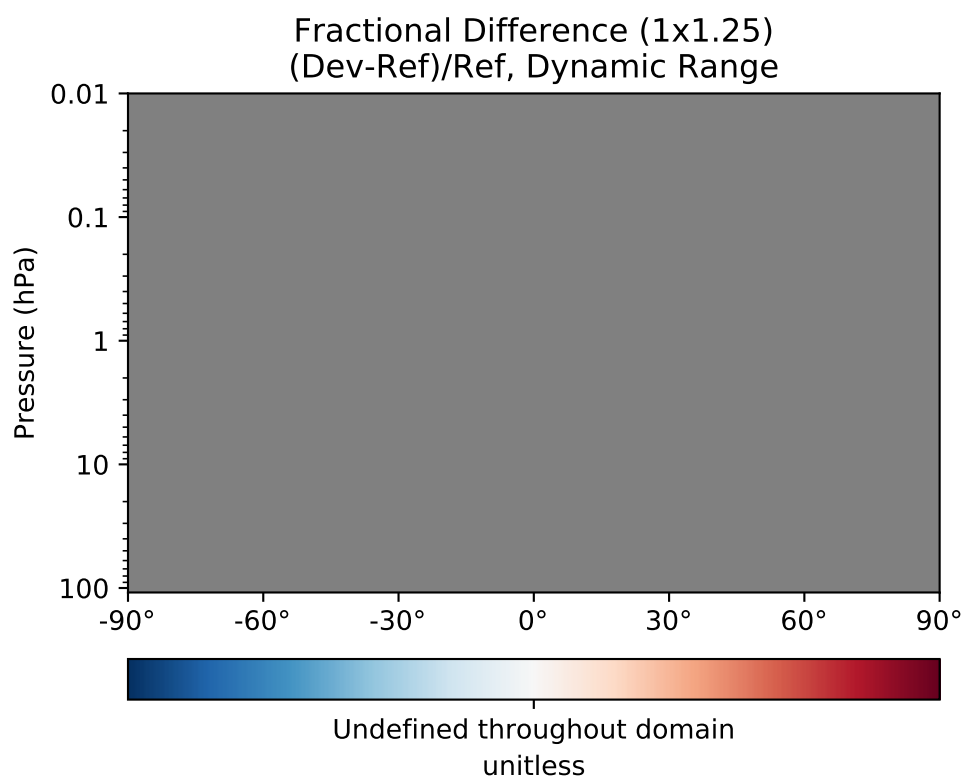
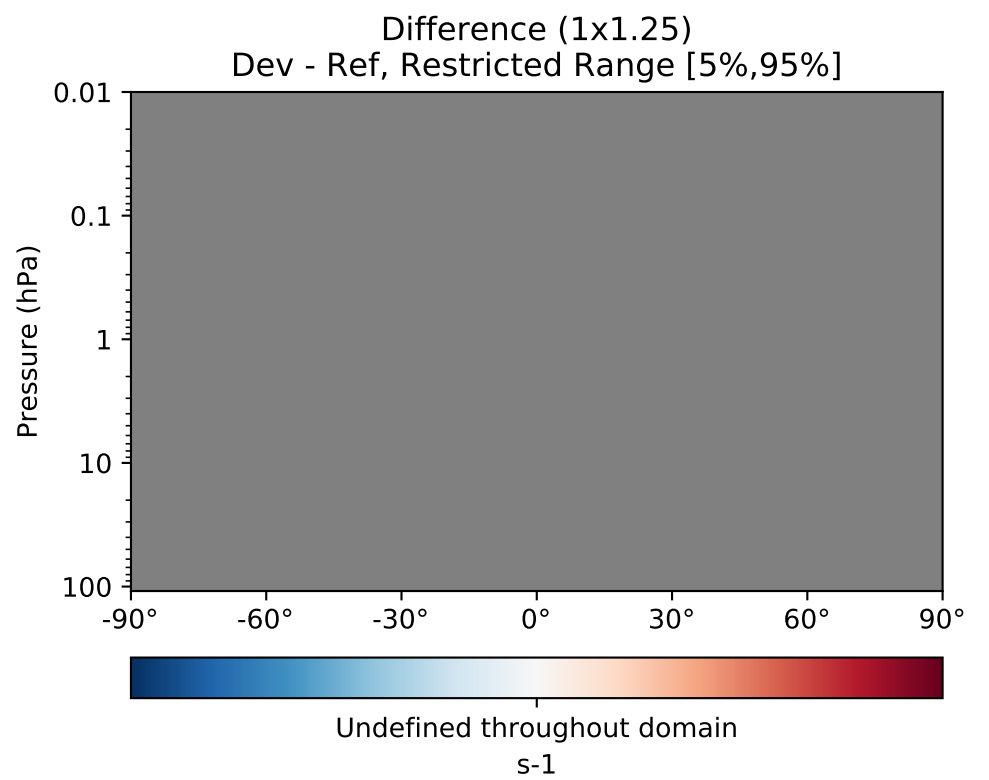
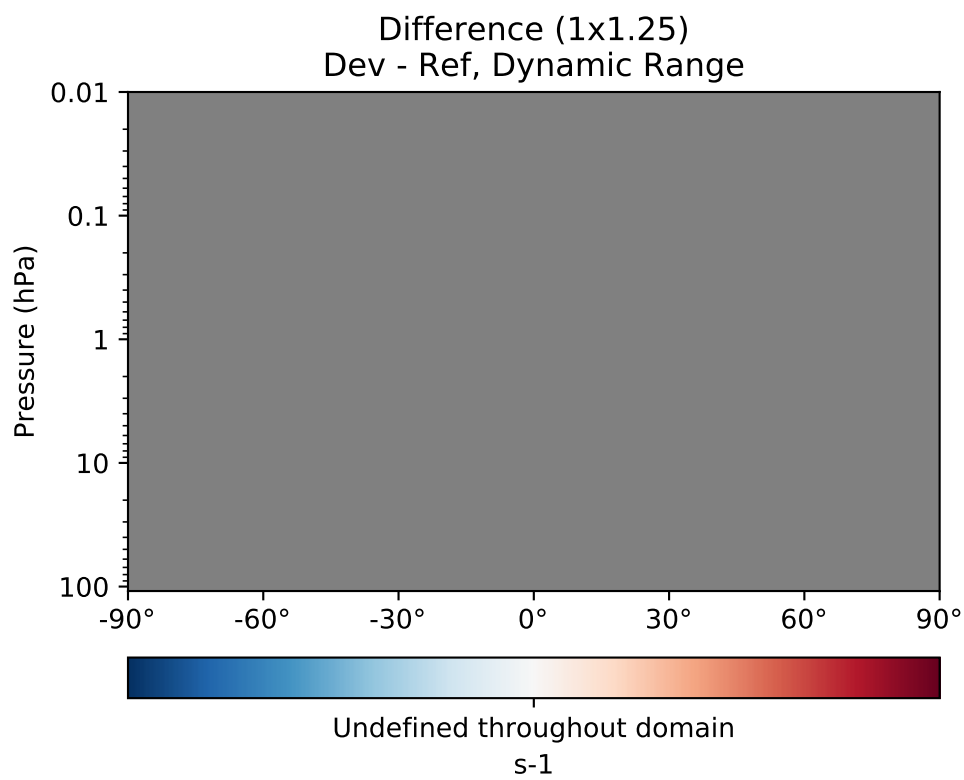
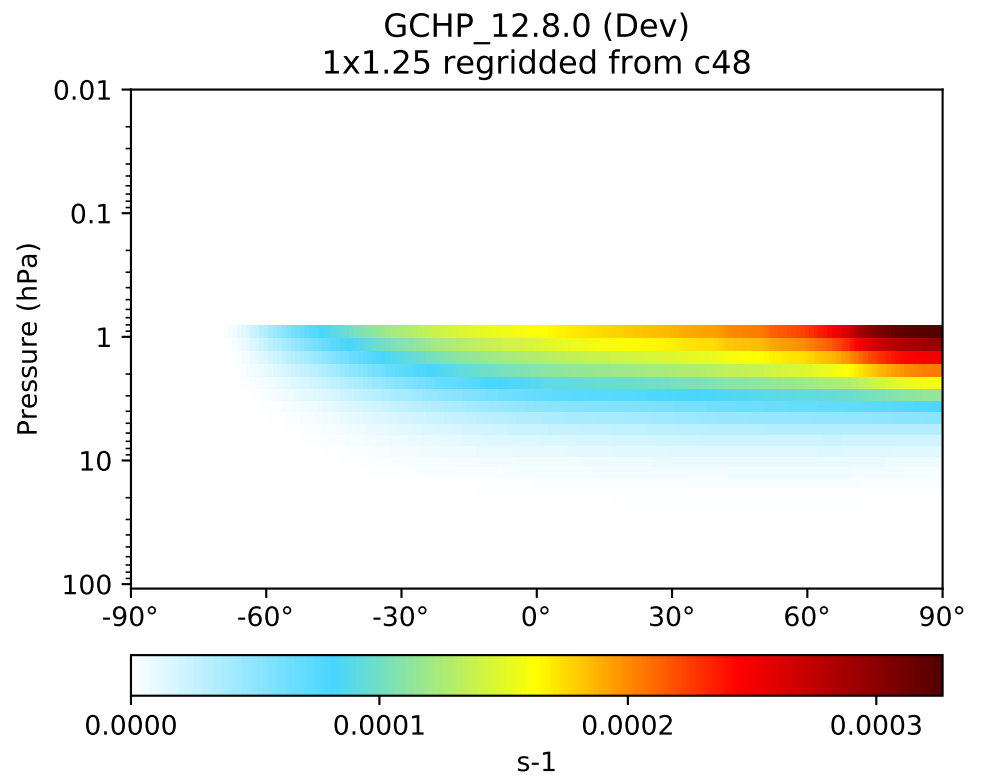
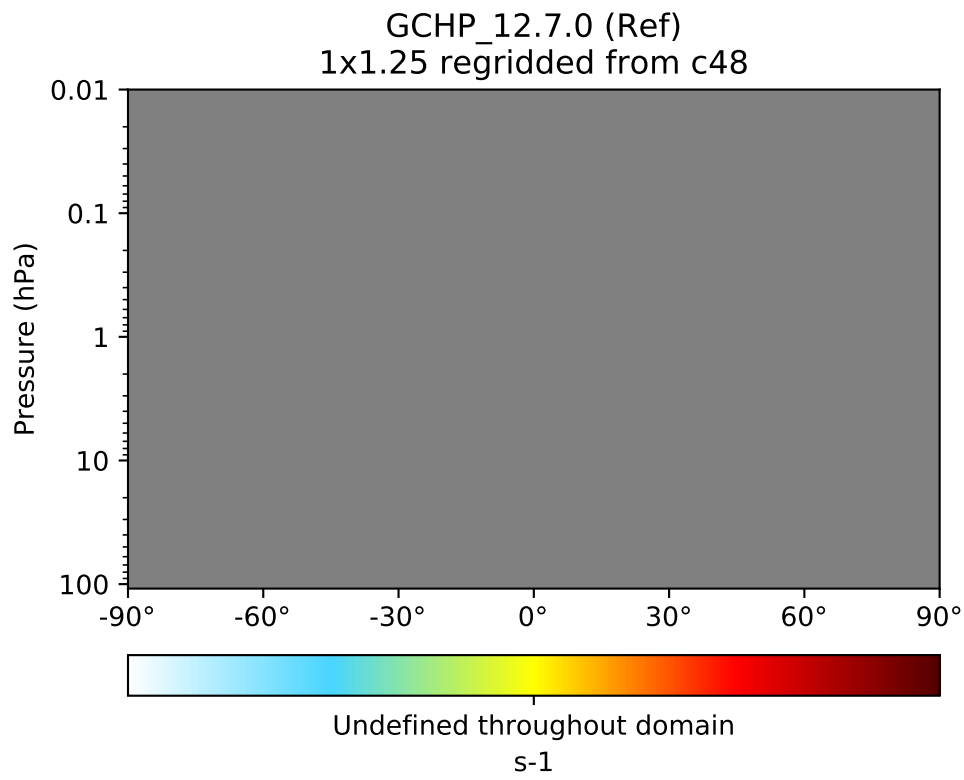
Jval_CFC115, Zonal Mean



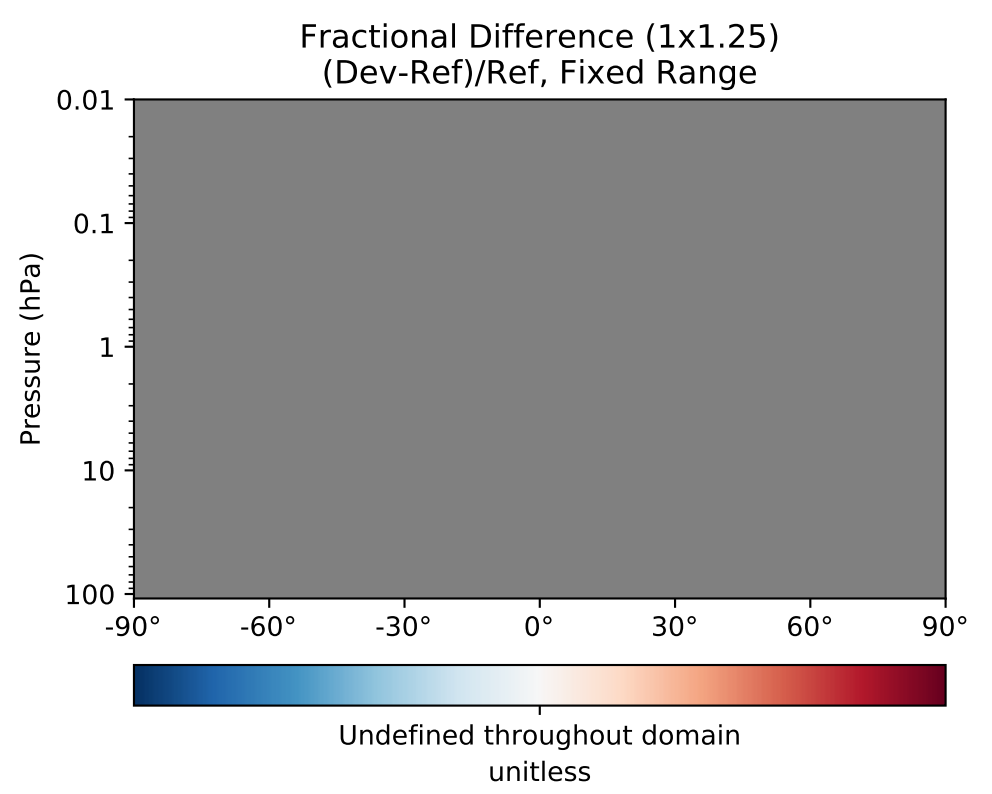
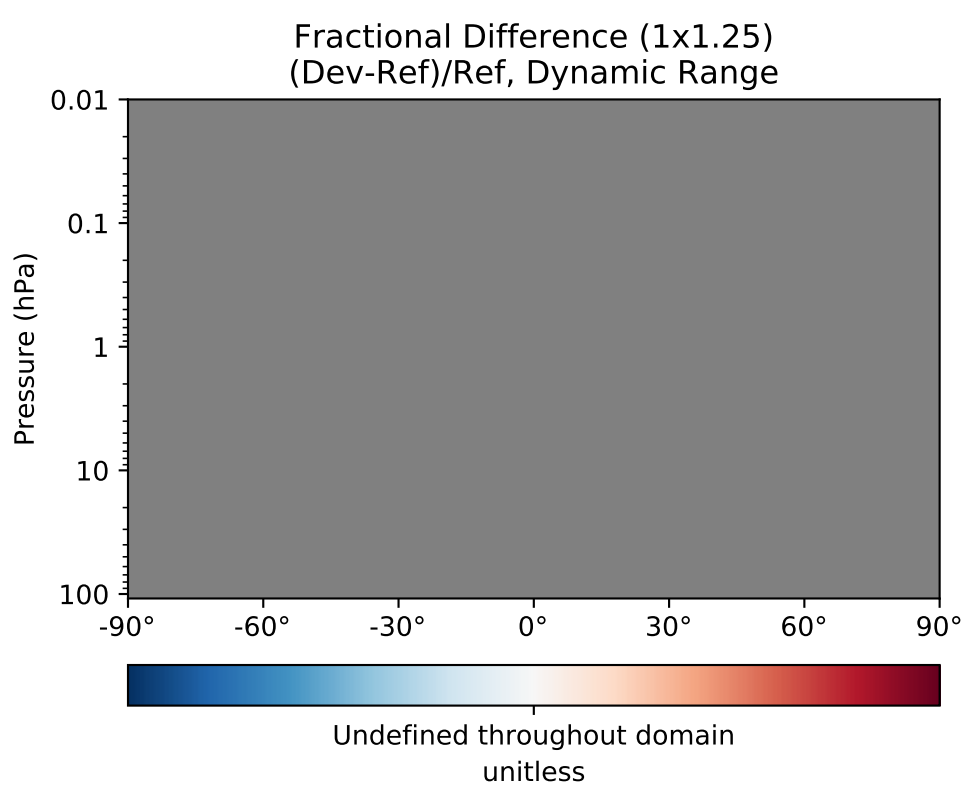
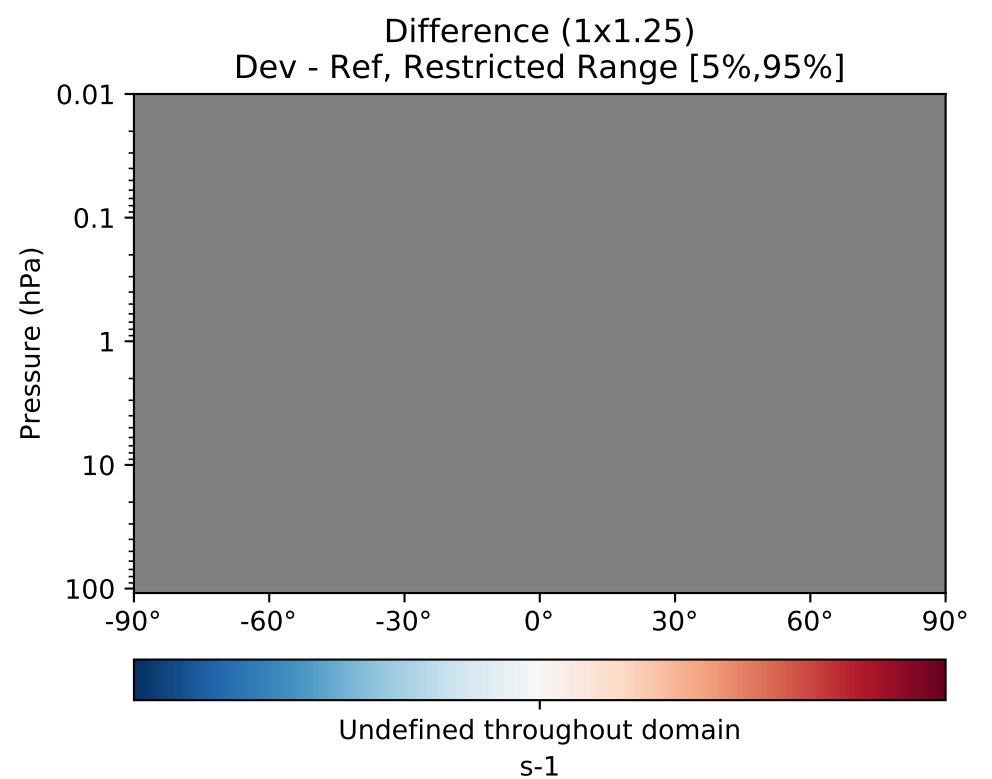
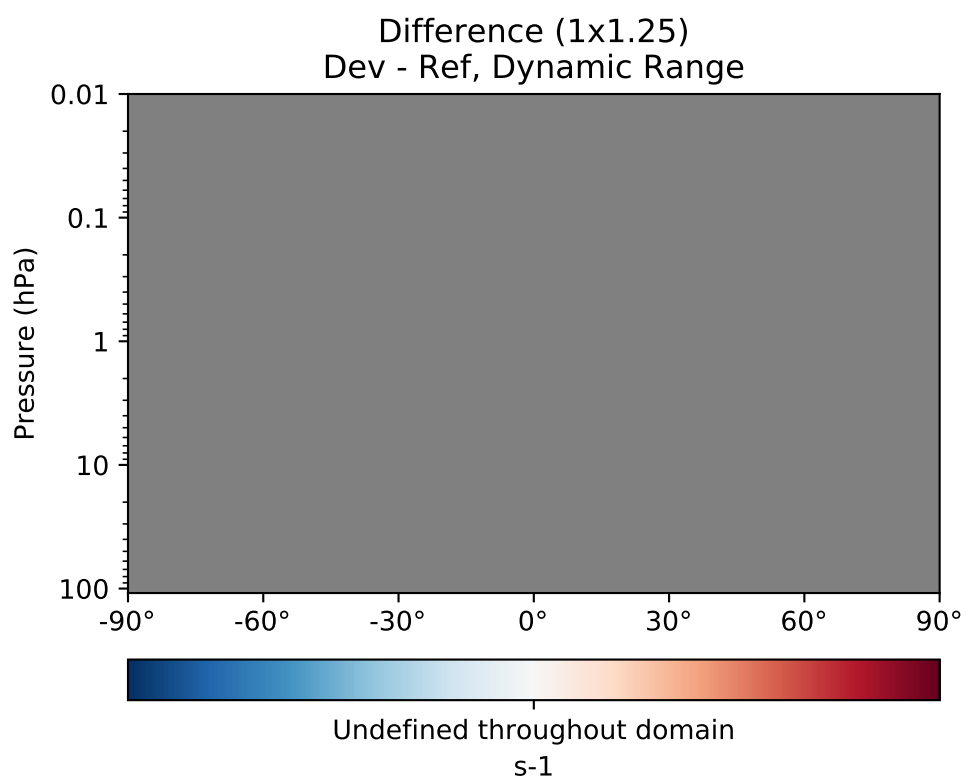
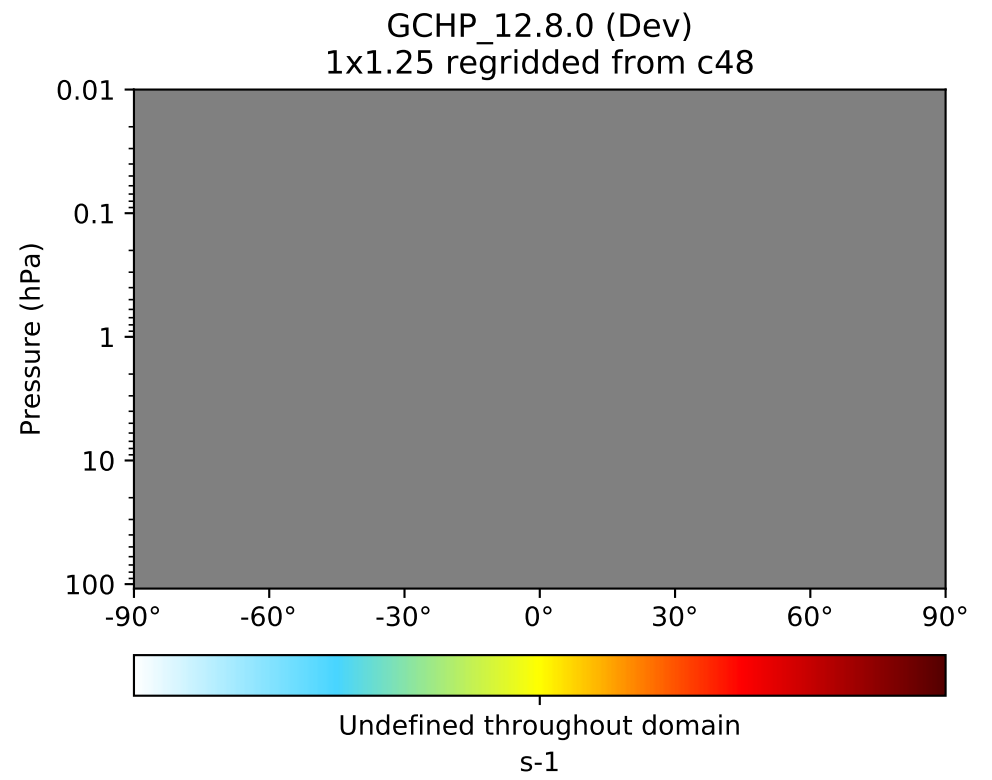
Jval_CFC12, Zonal Mean



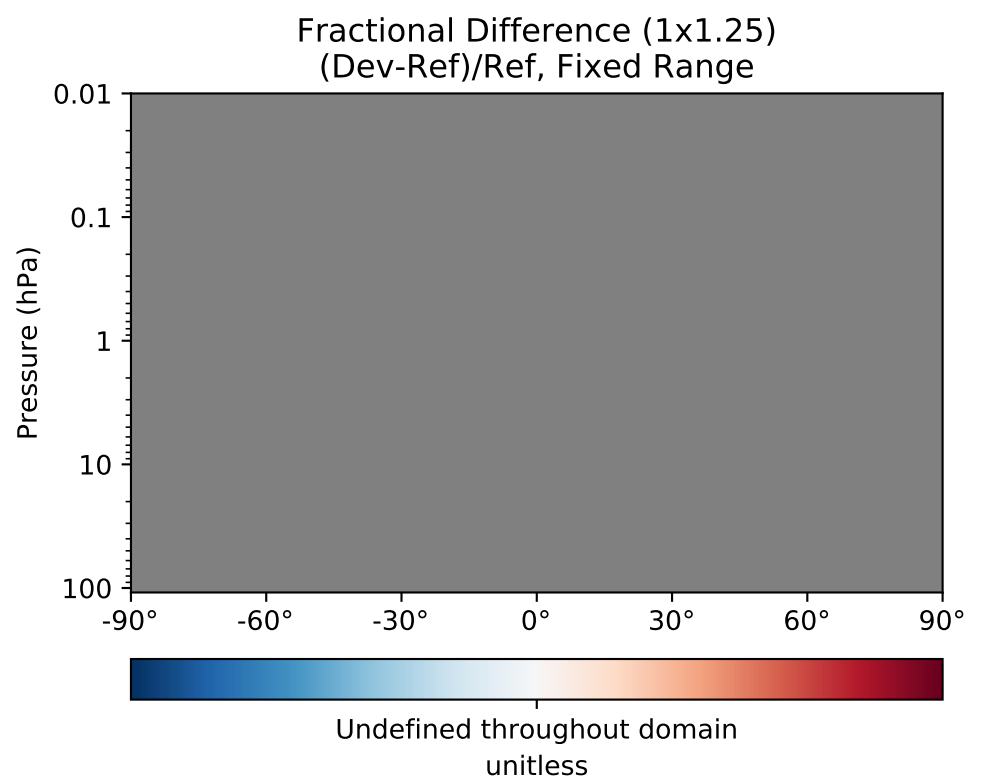
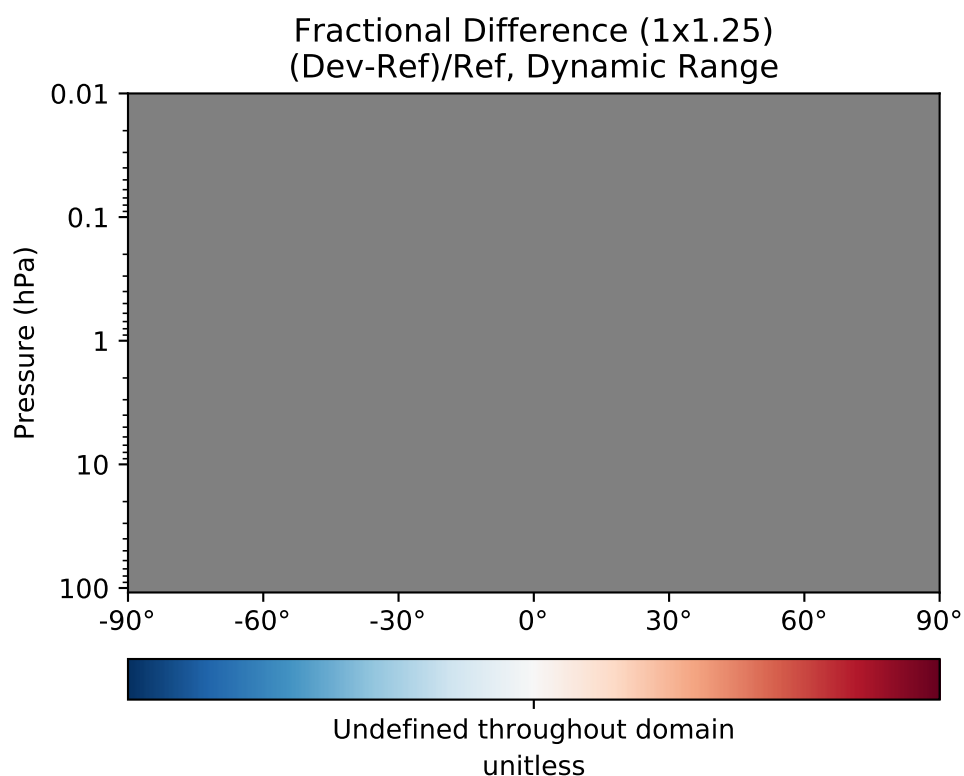
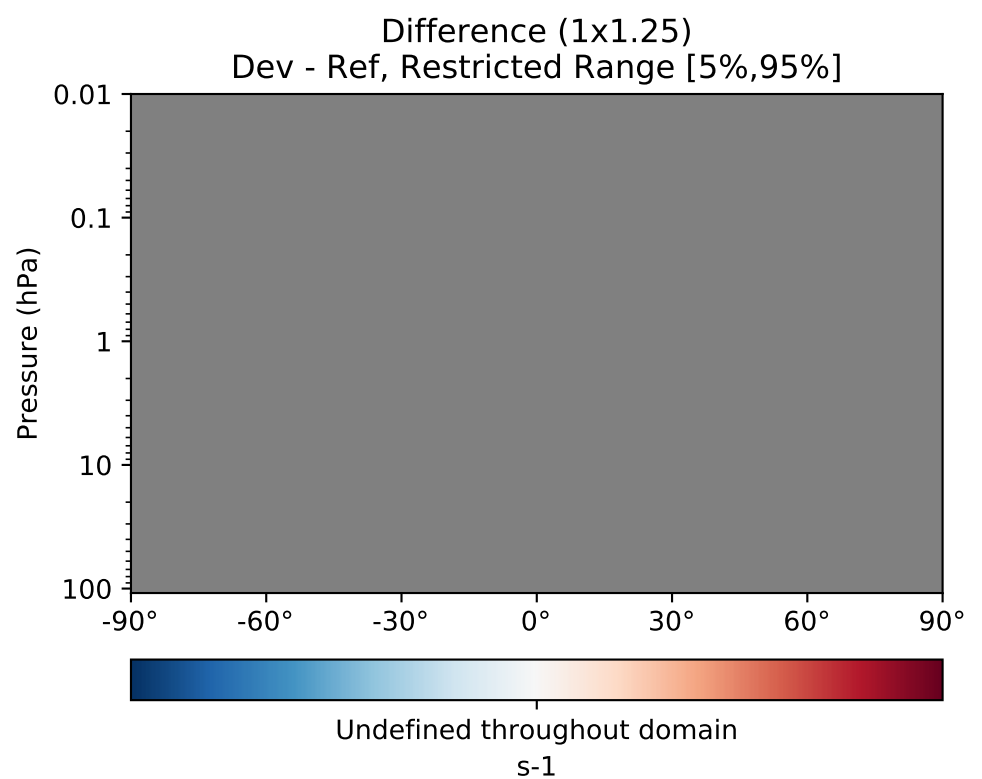
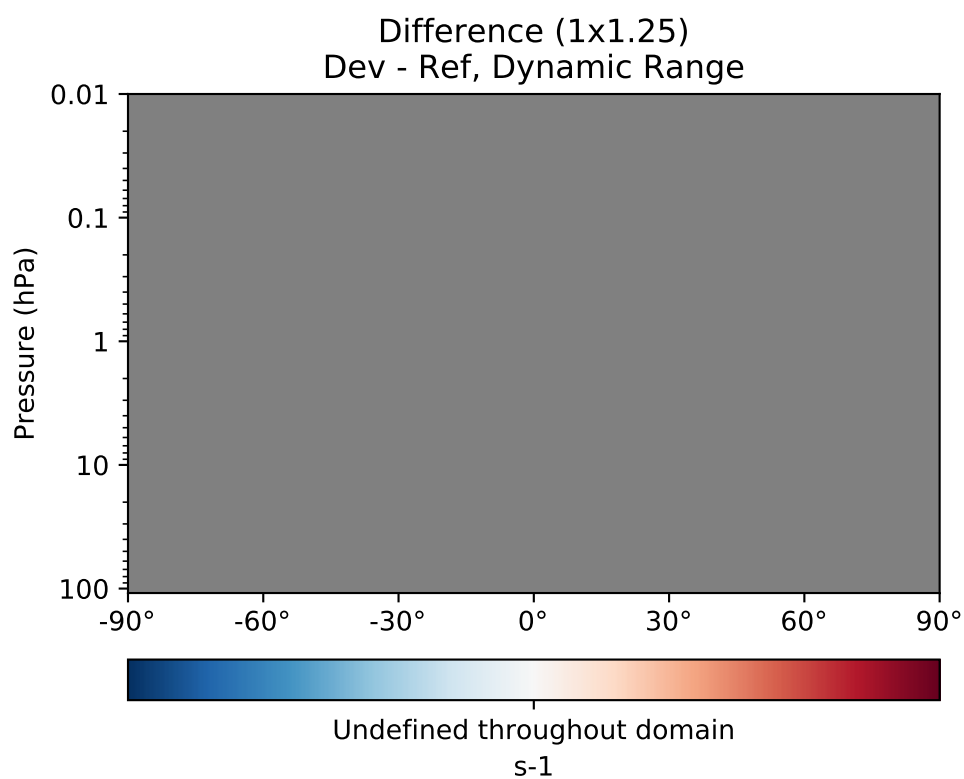
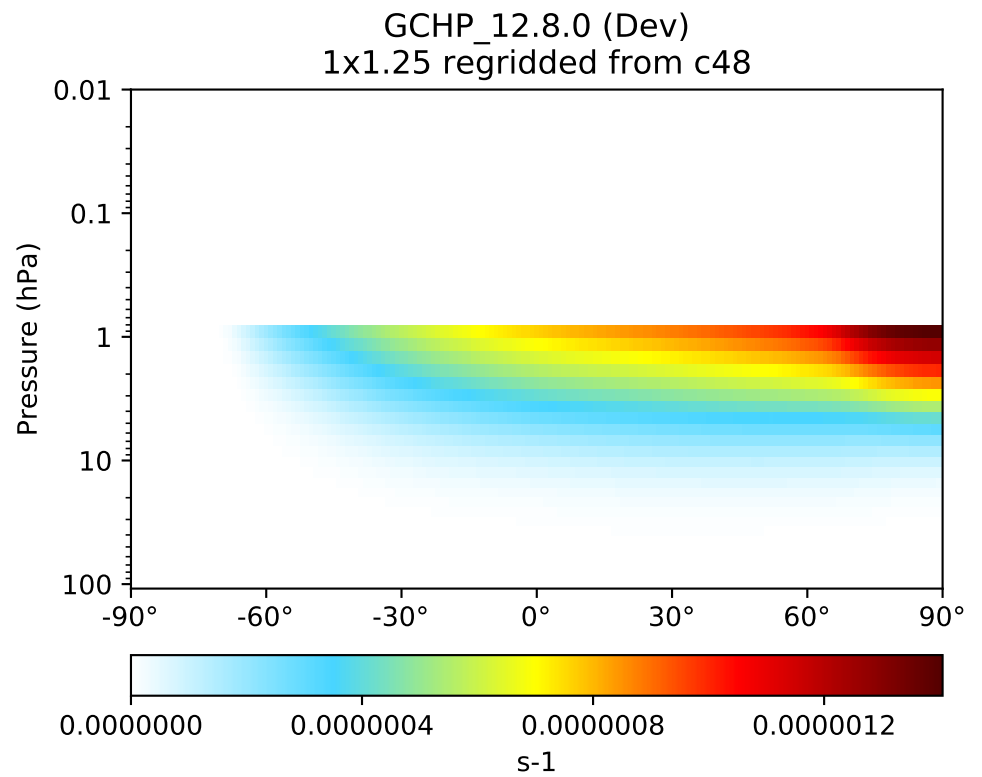
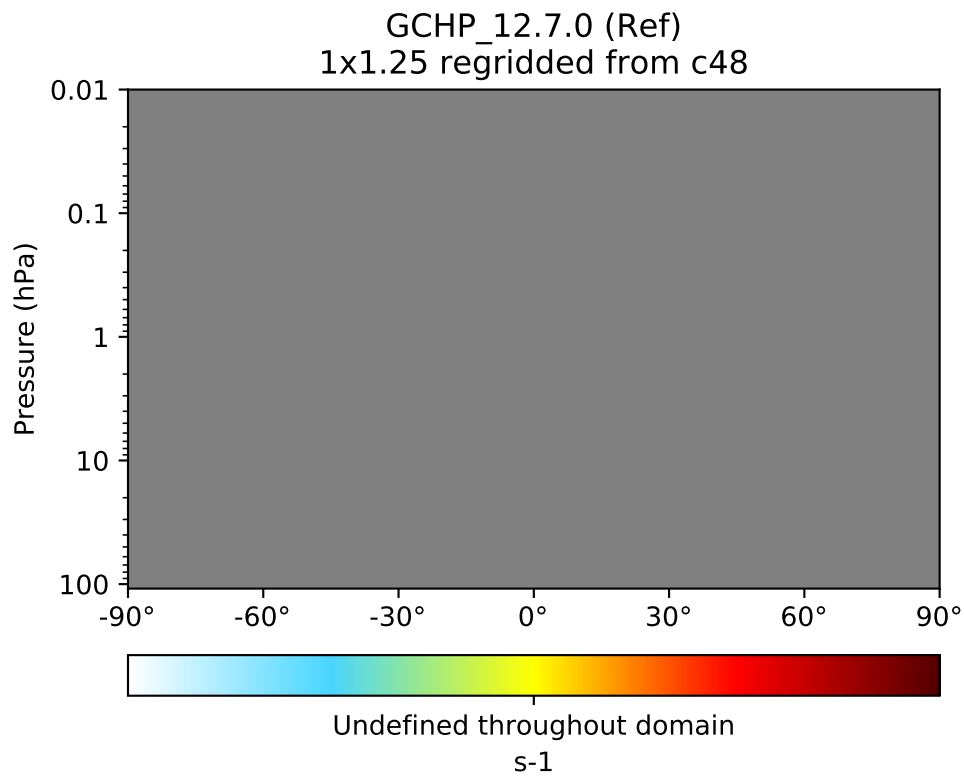
Jval_CH2BR2, Zonal Mean



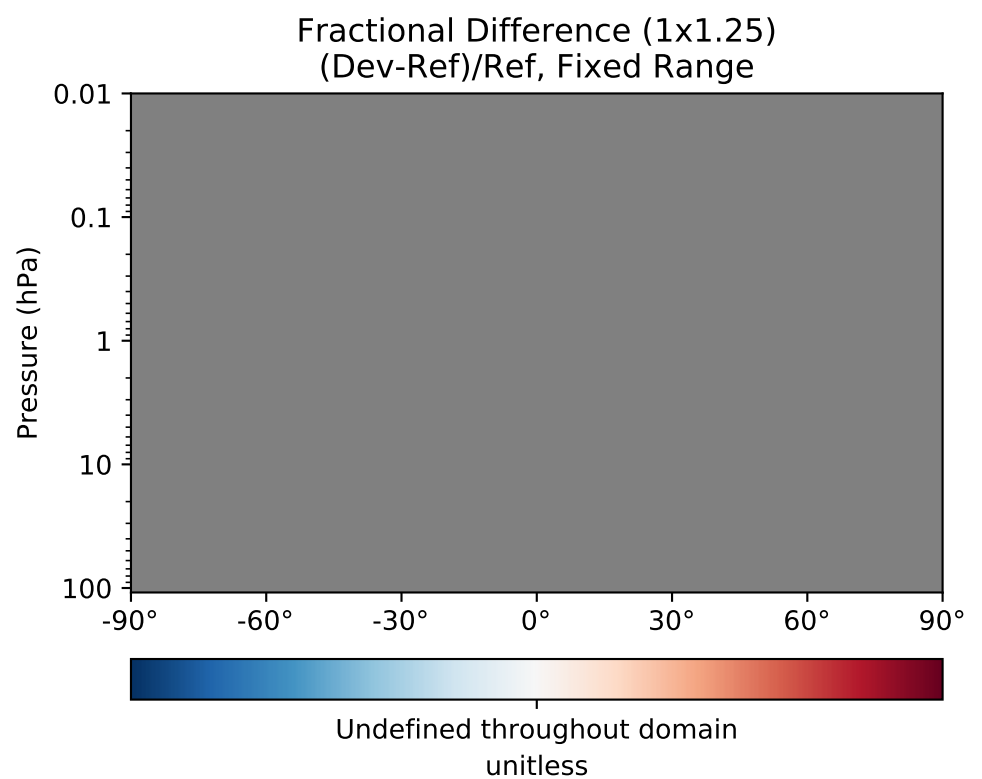
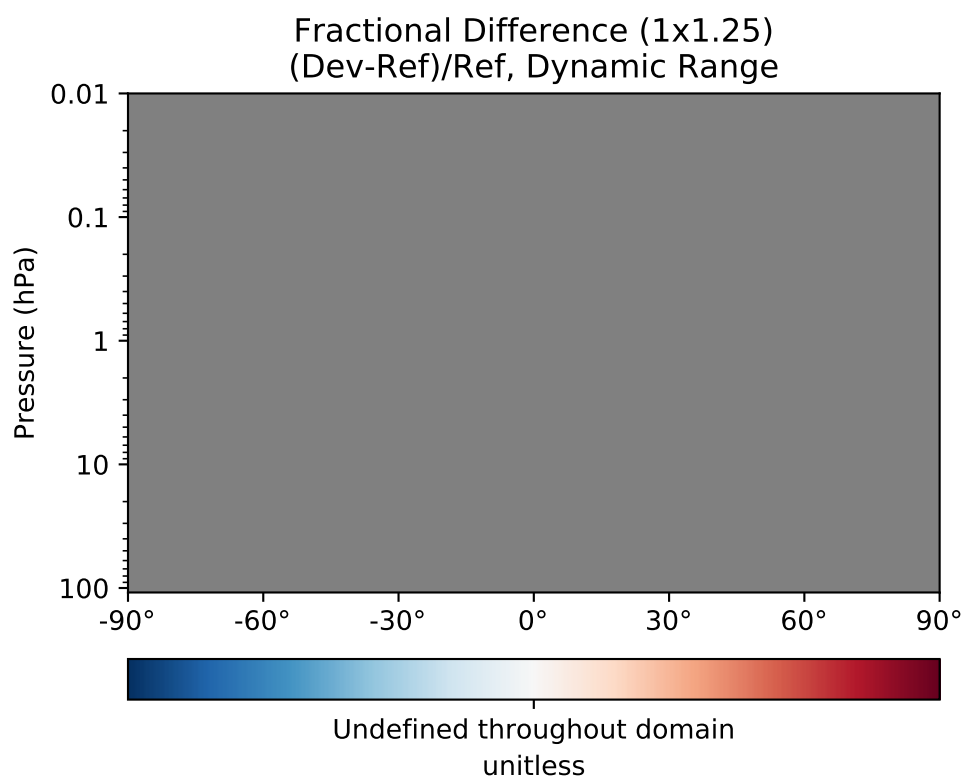
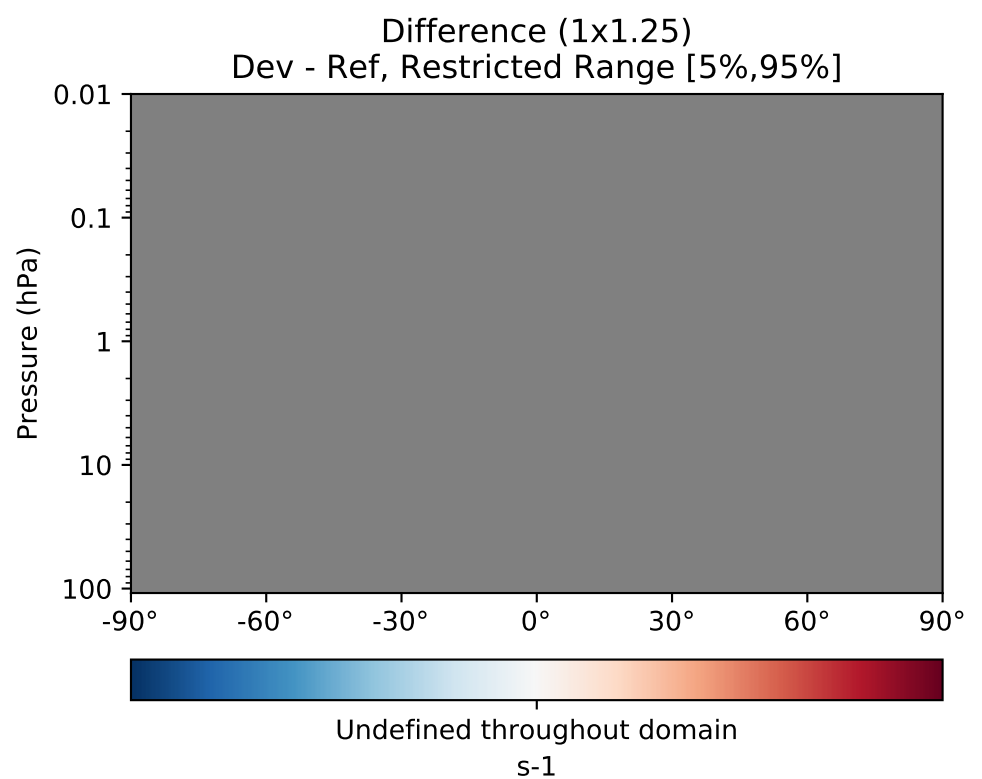
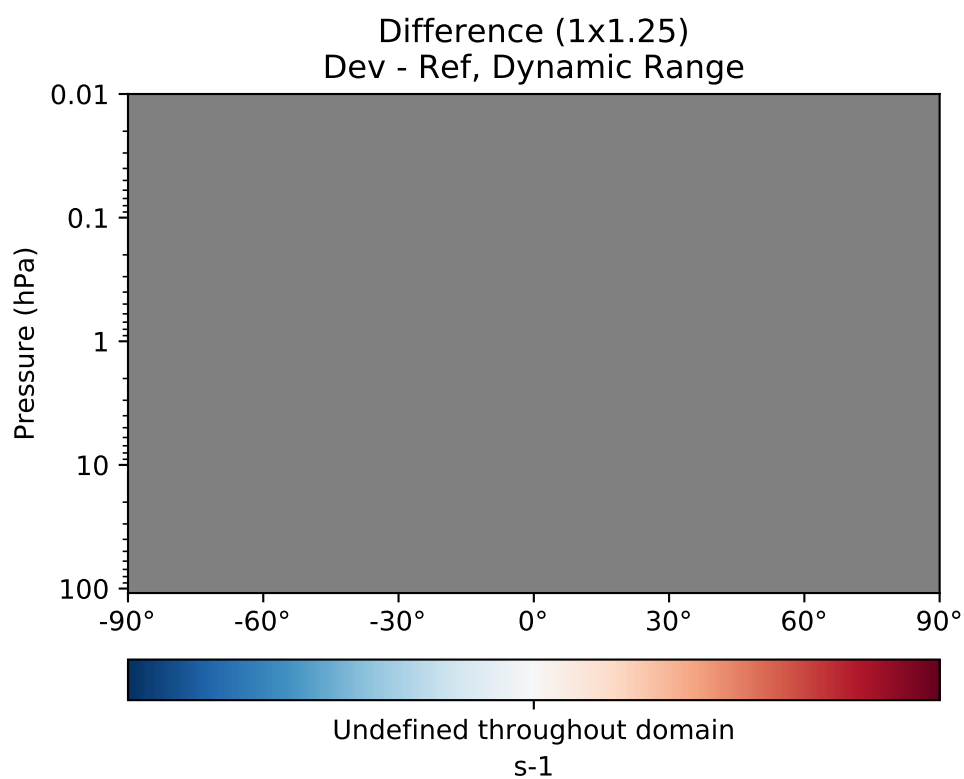
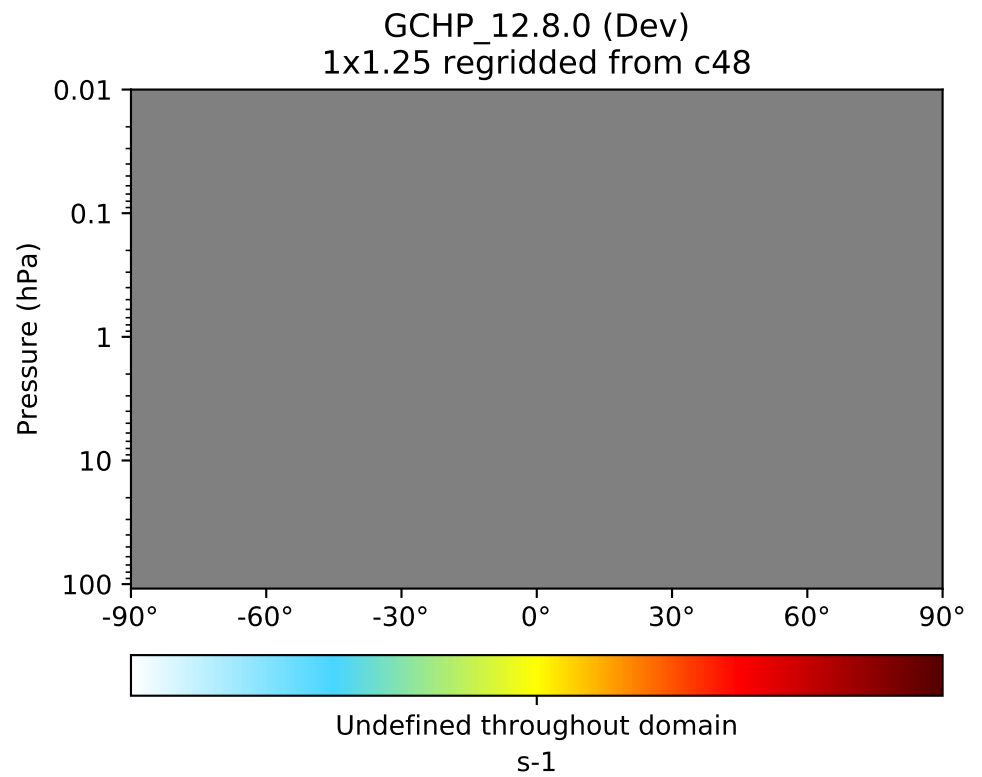
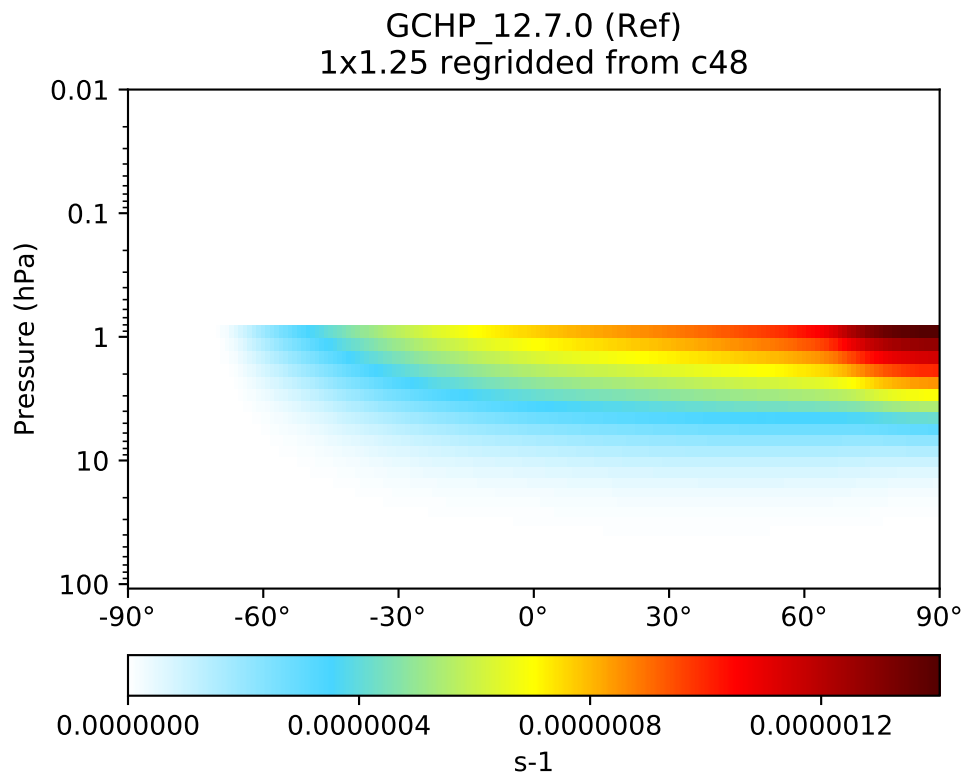
Jval_CH2Br2, Zonal Mean



Jval_CH2CL2, Zonal Mean

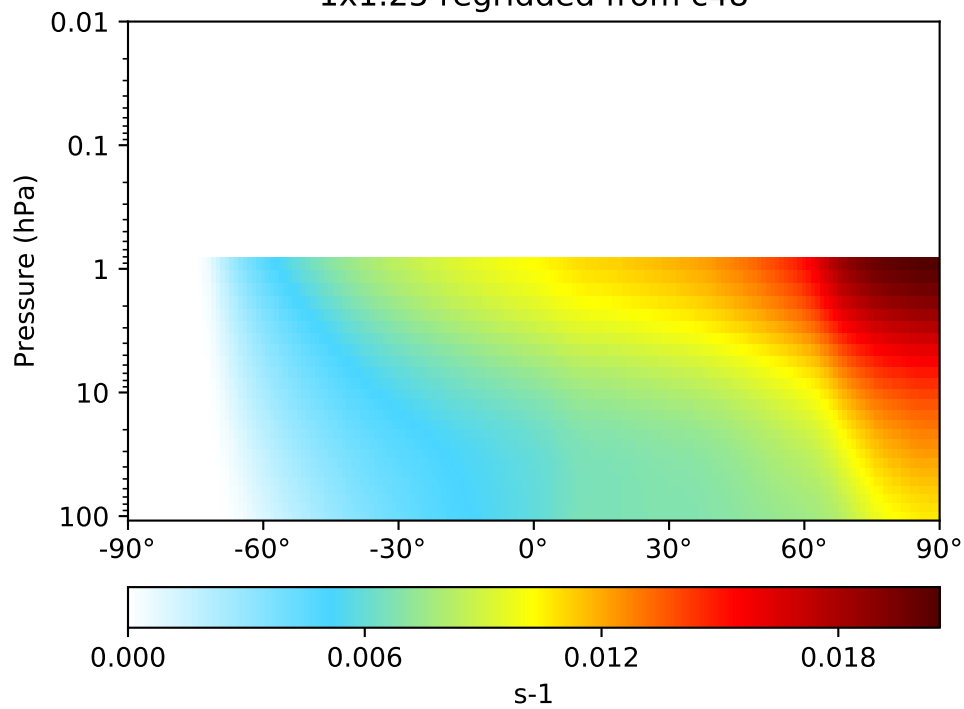


Jval_CH2Cl2, Zonal Mean

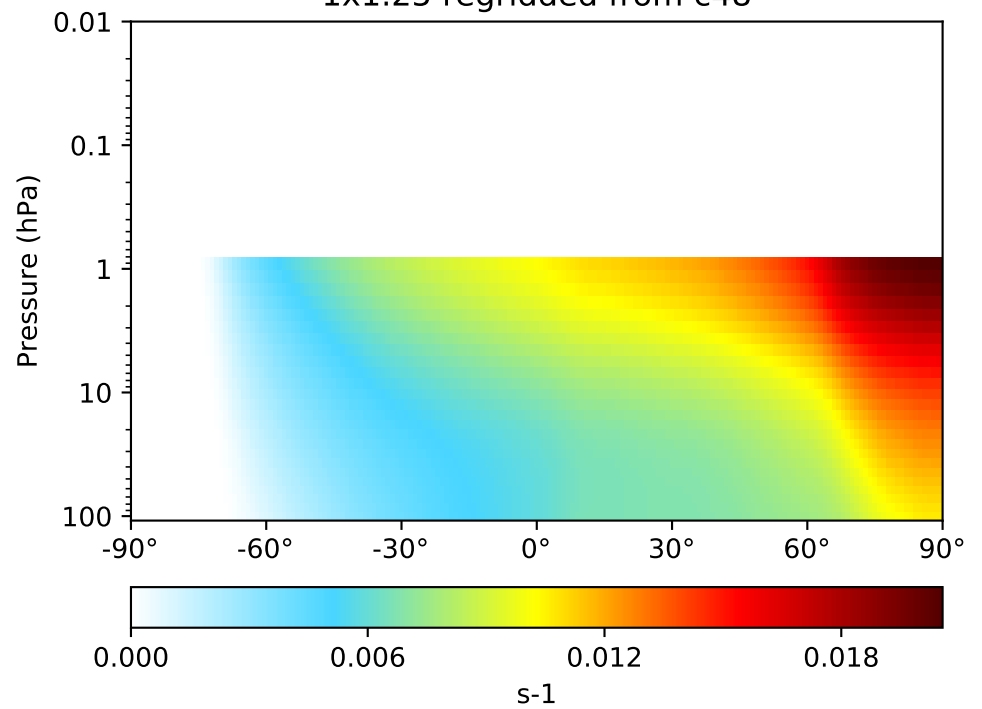


Jval_CH2I2, Zonal Mean

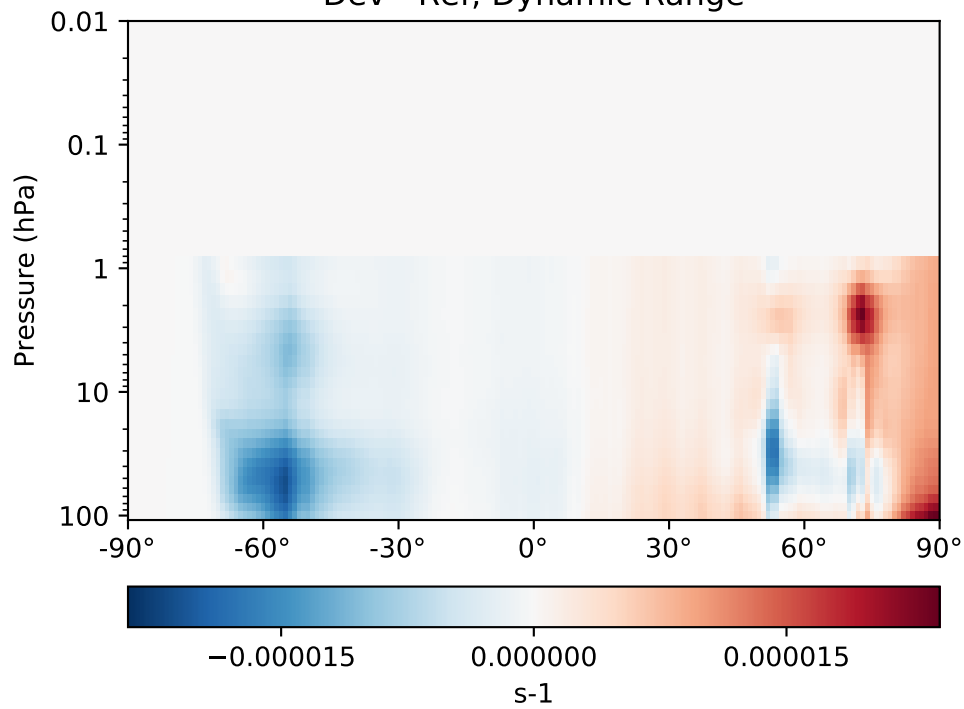
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



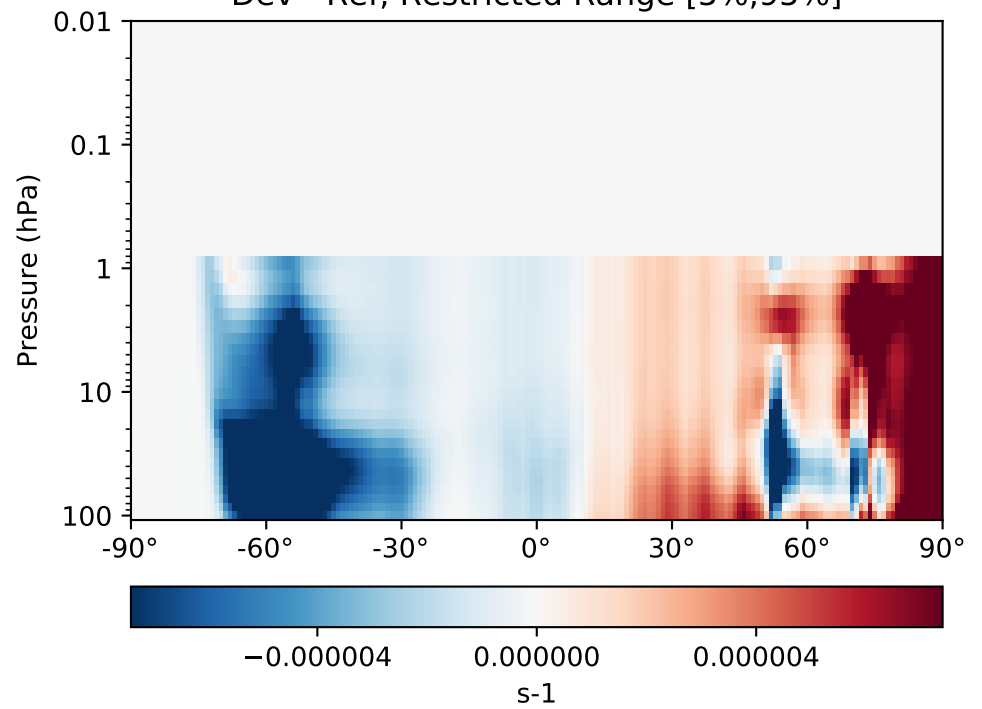
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



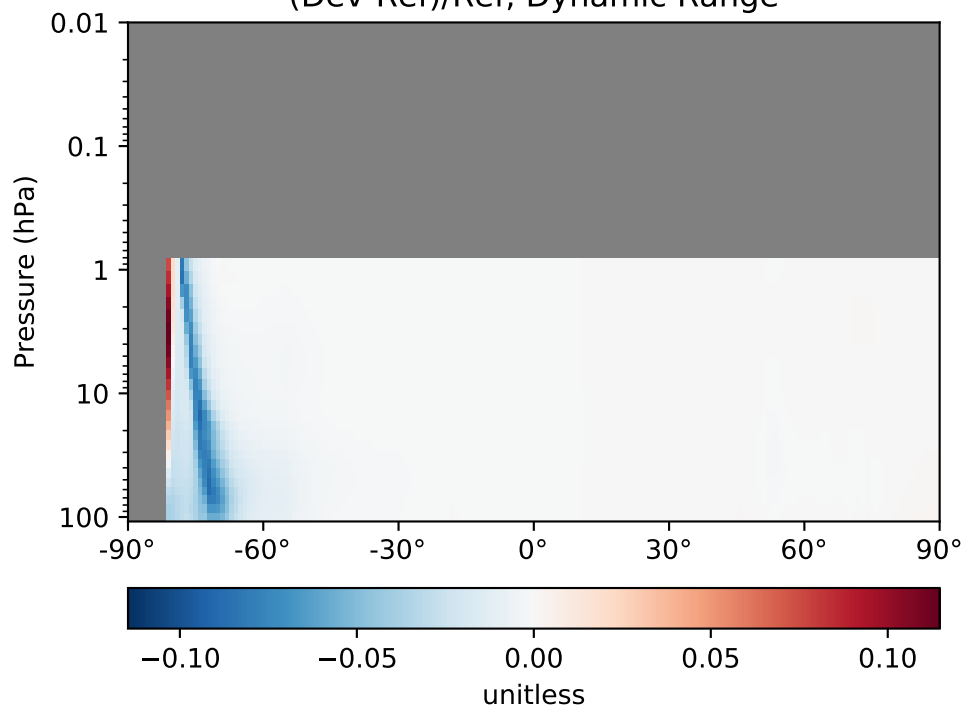
Difference (1x1.25)
Dev - Ref, Dynamic Range



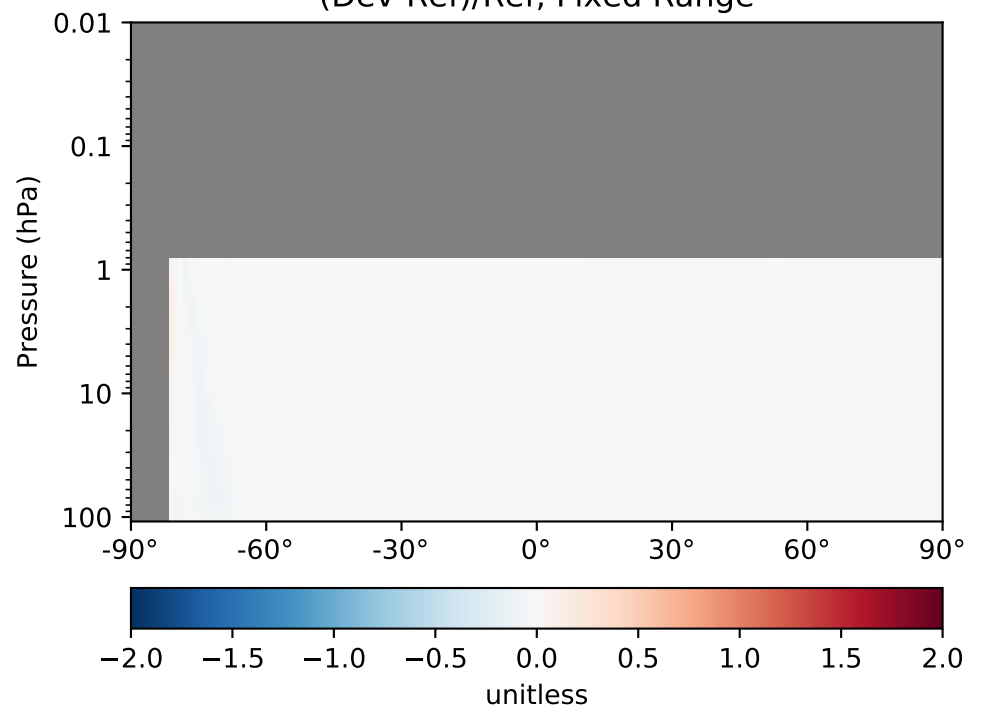
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



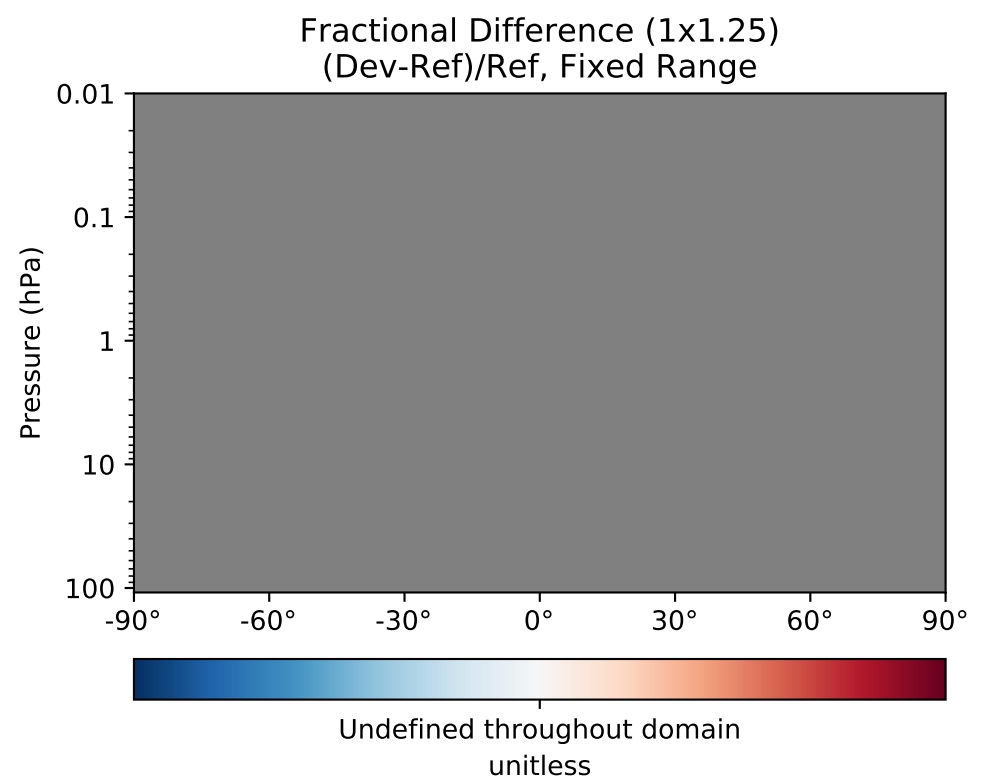
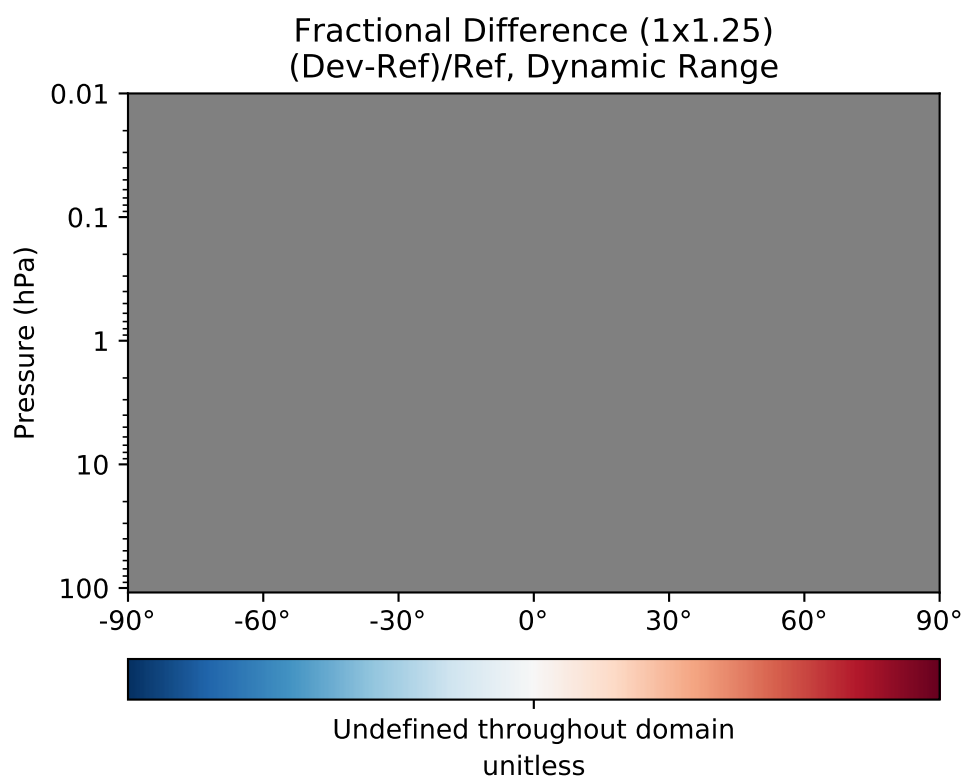
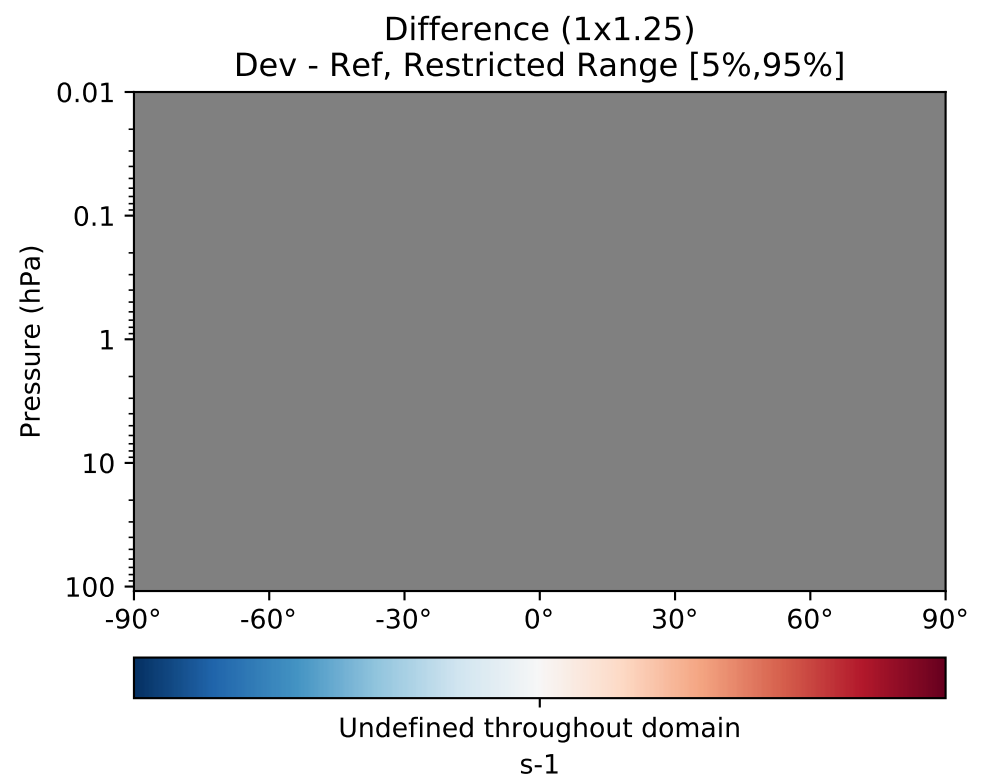
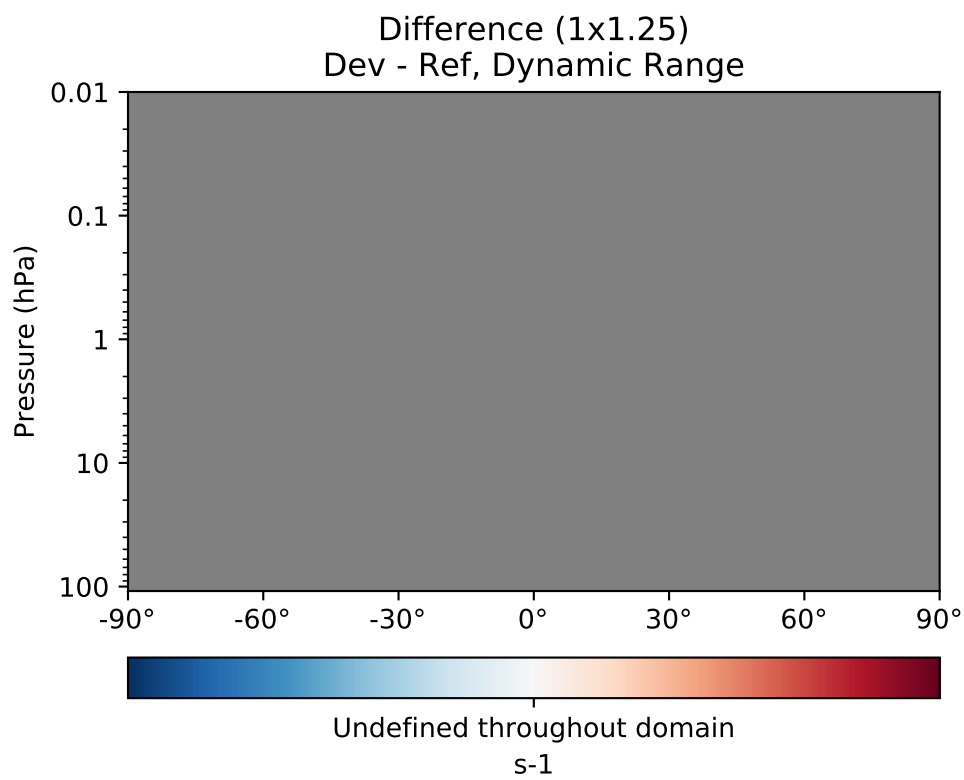
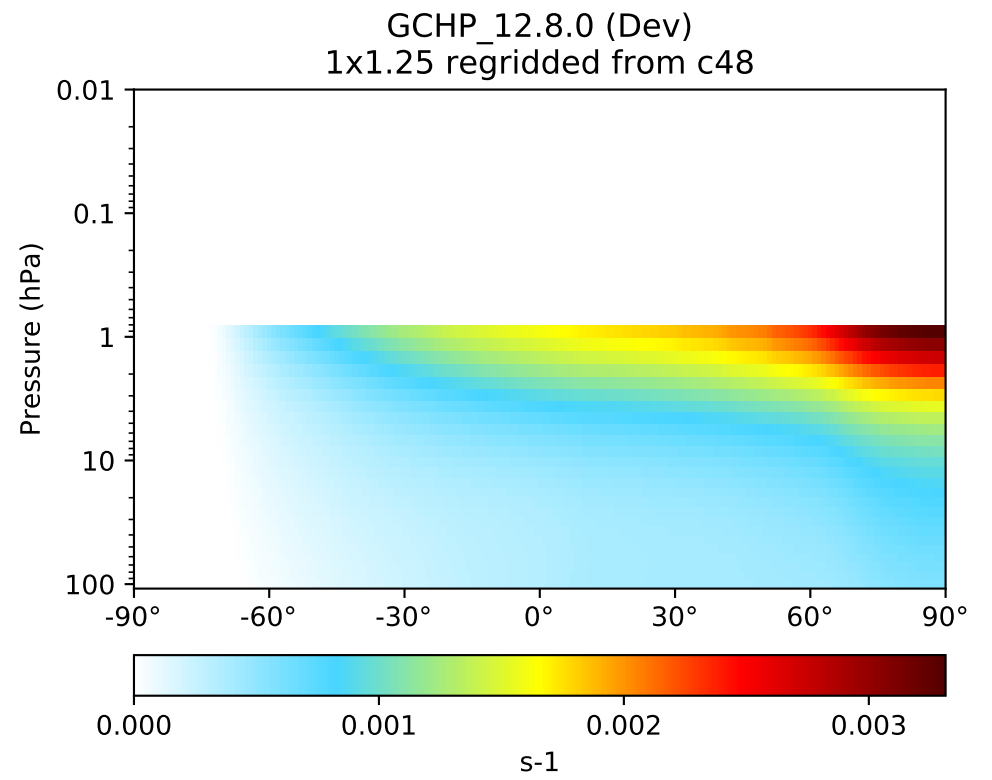
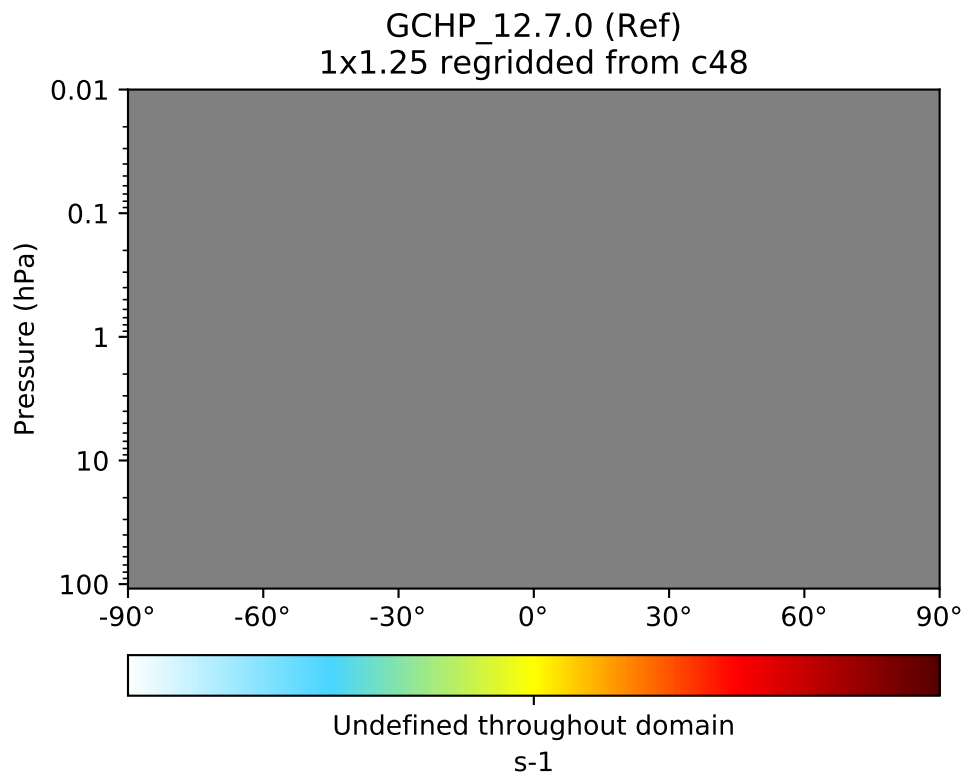
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



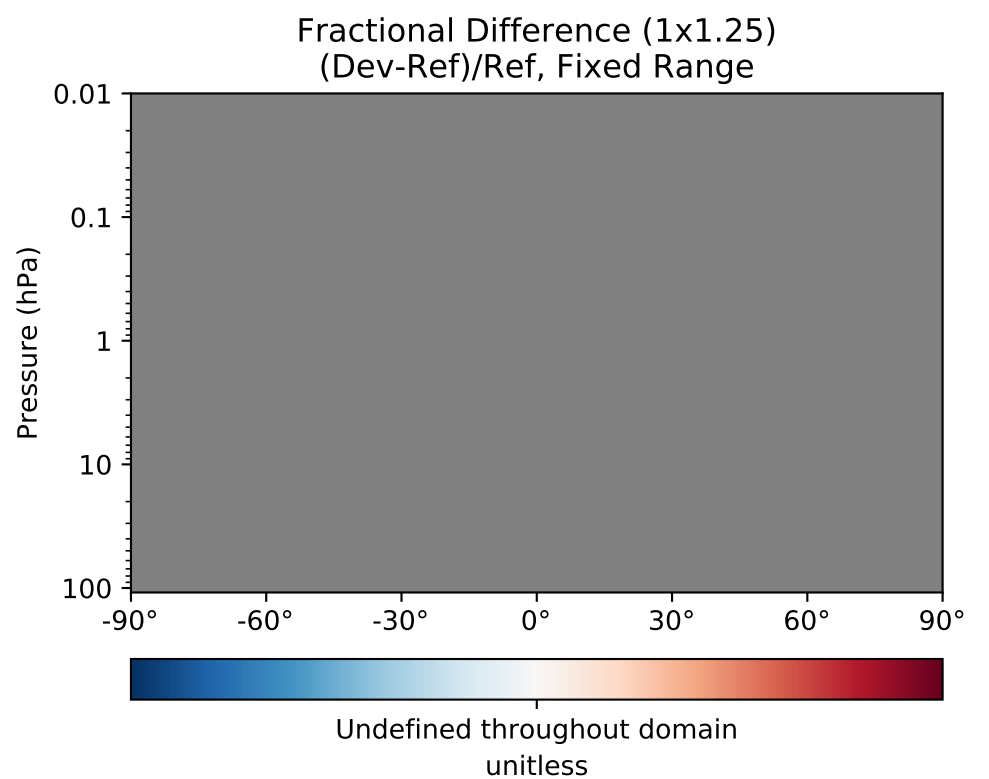
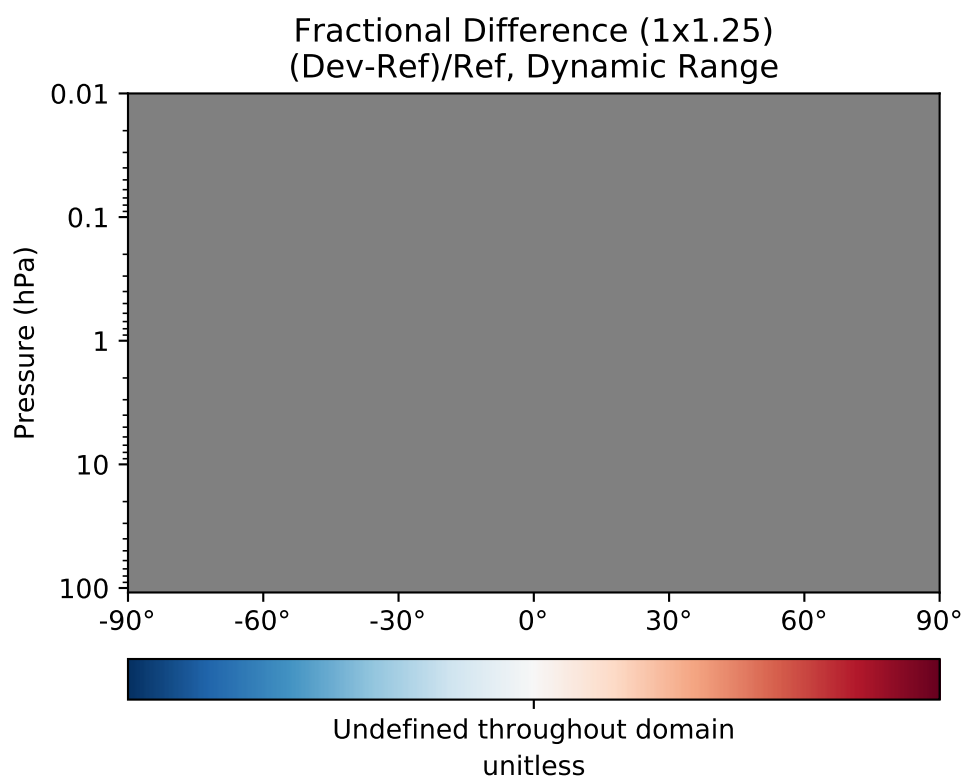
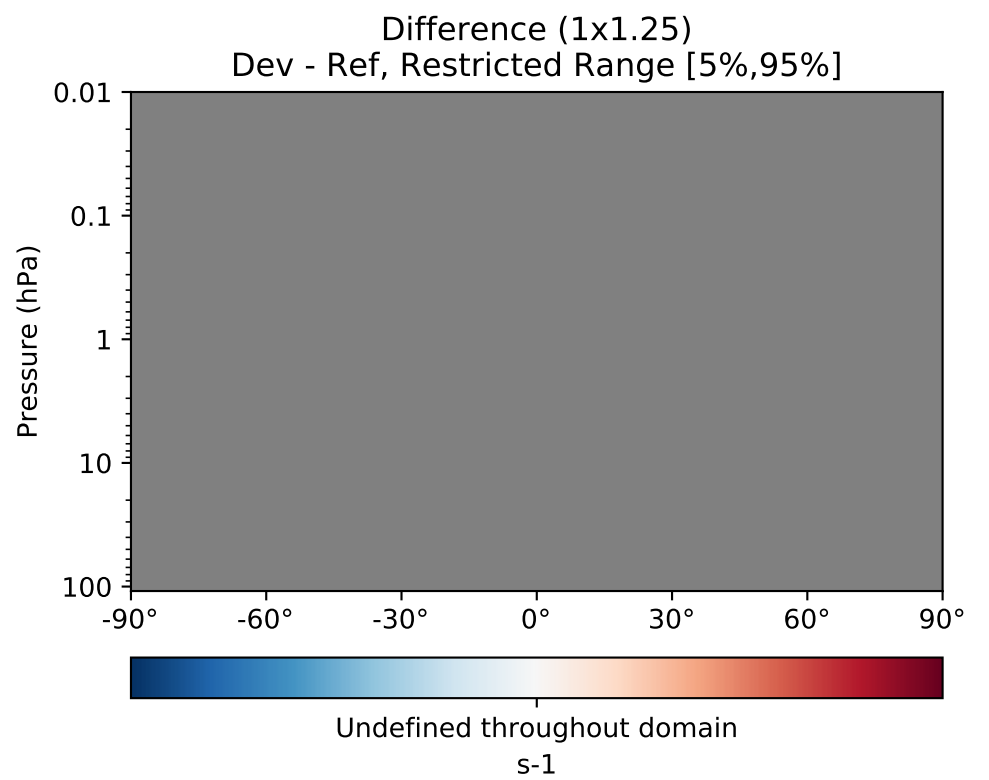
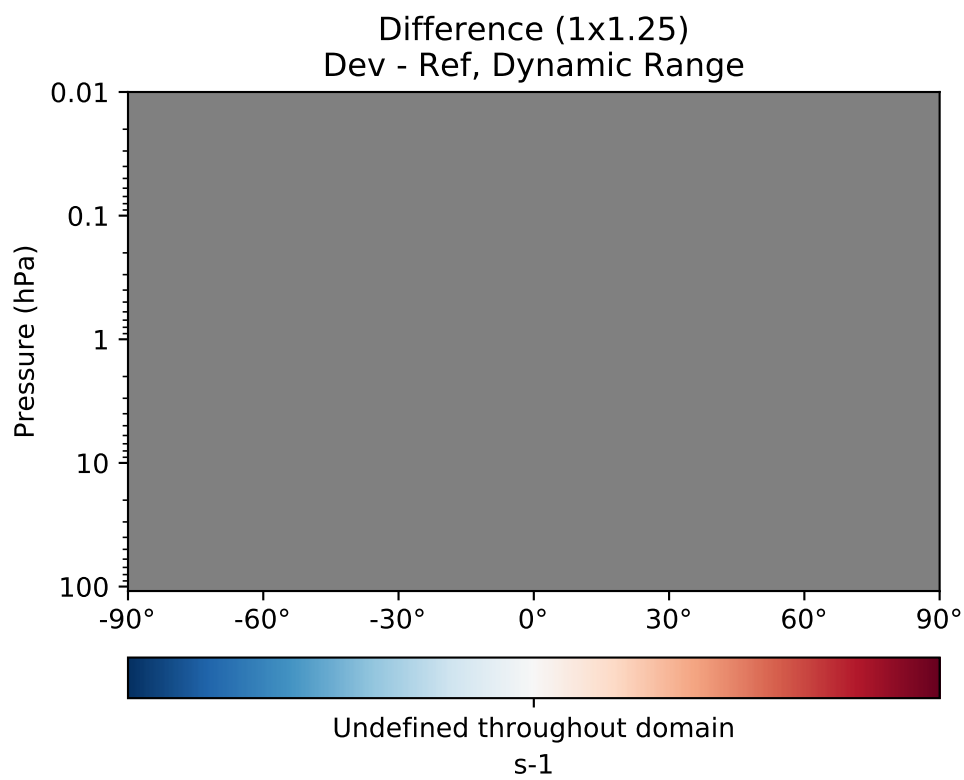
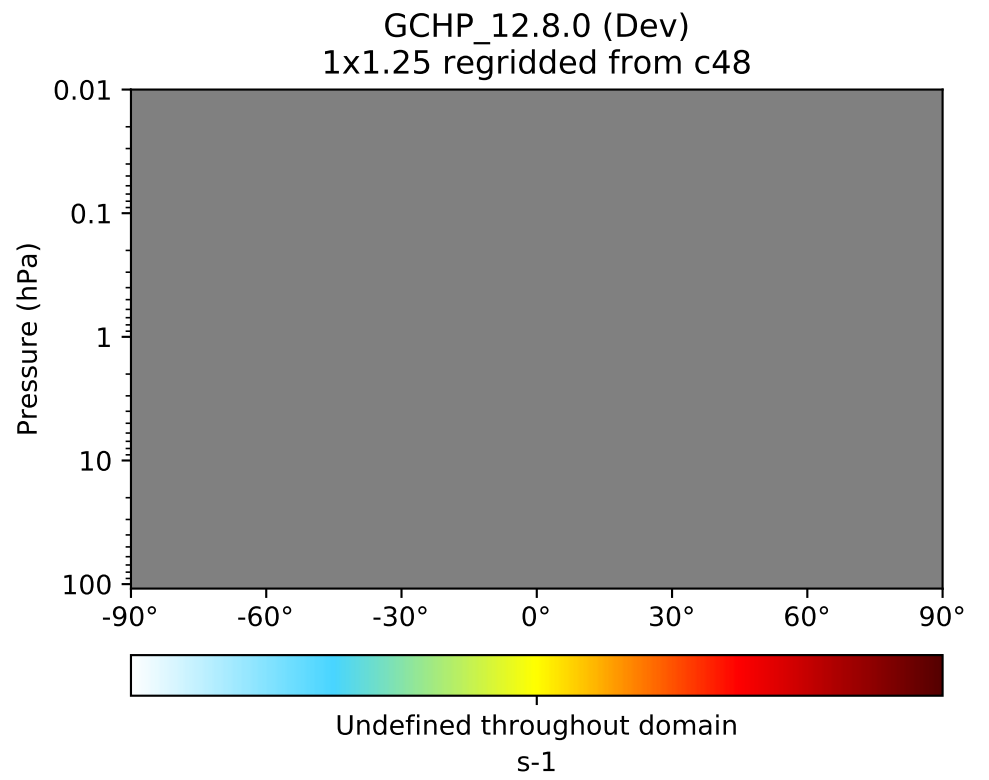
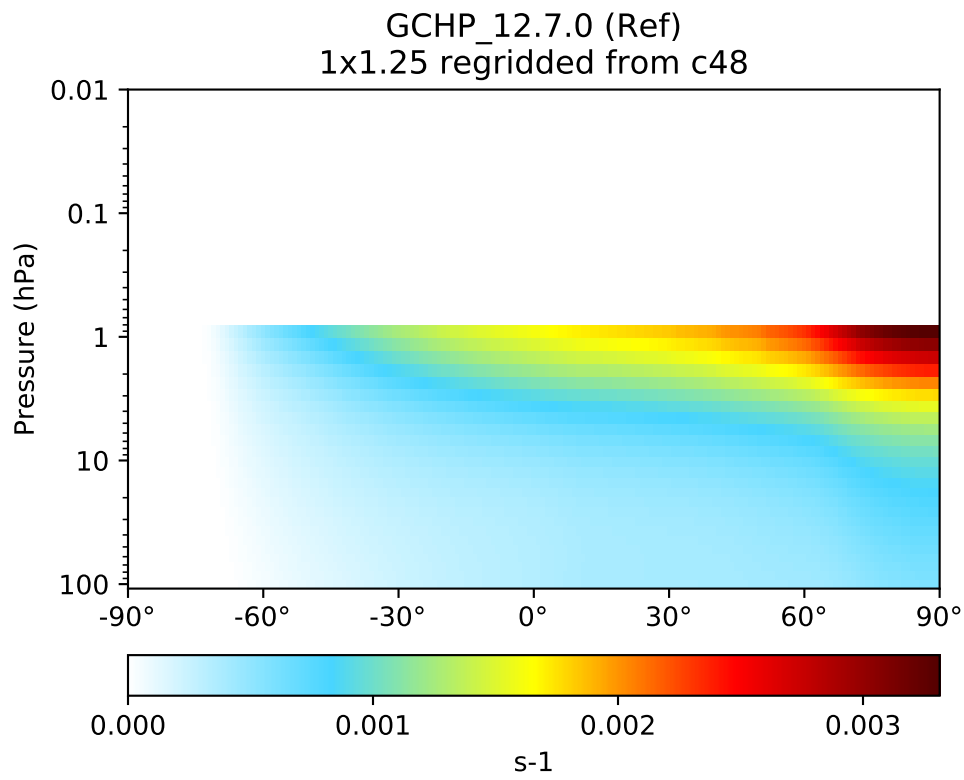
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



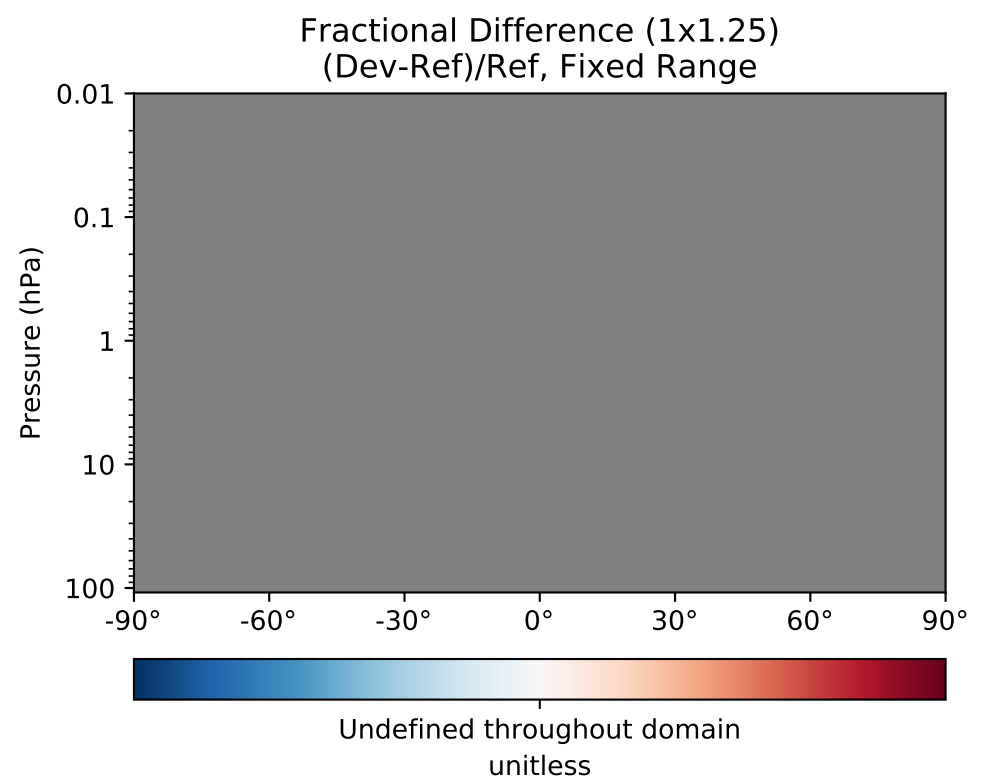
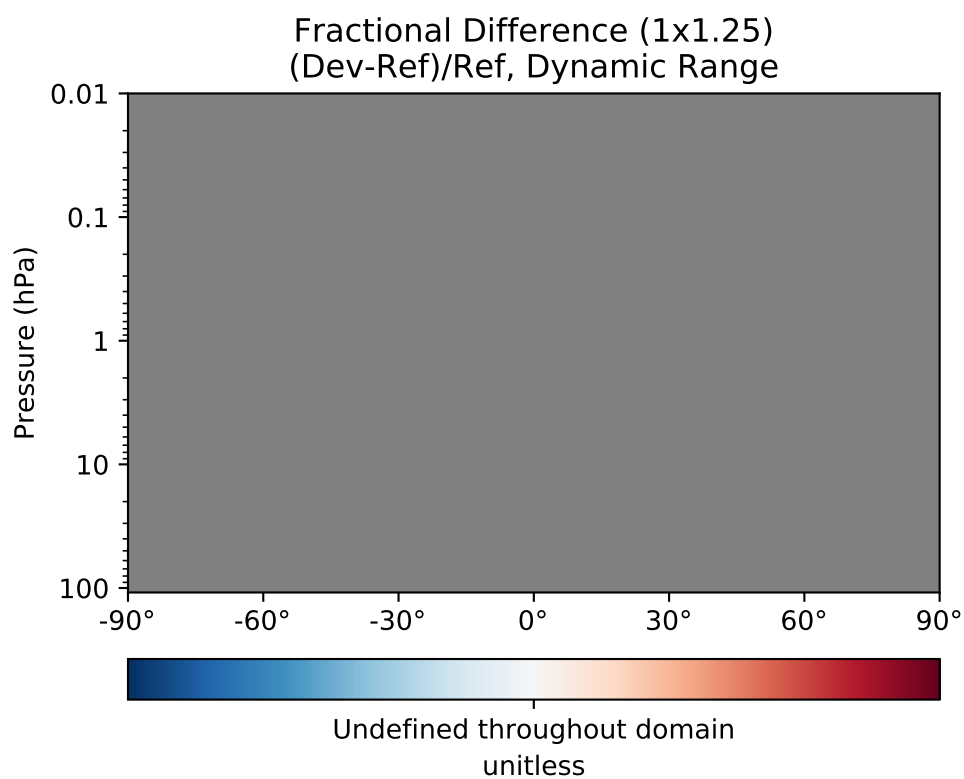
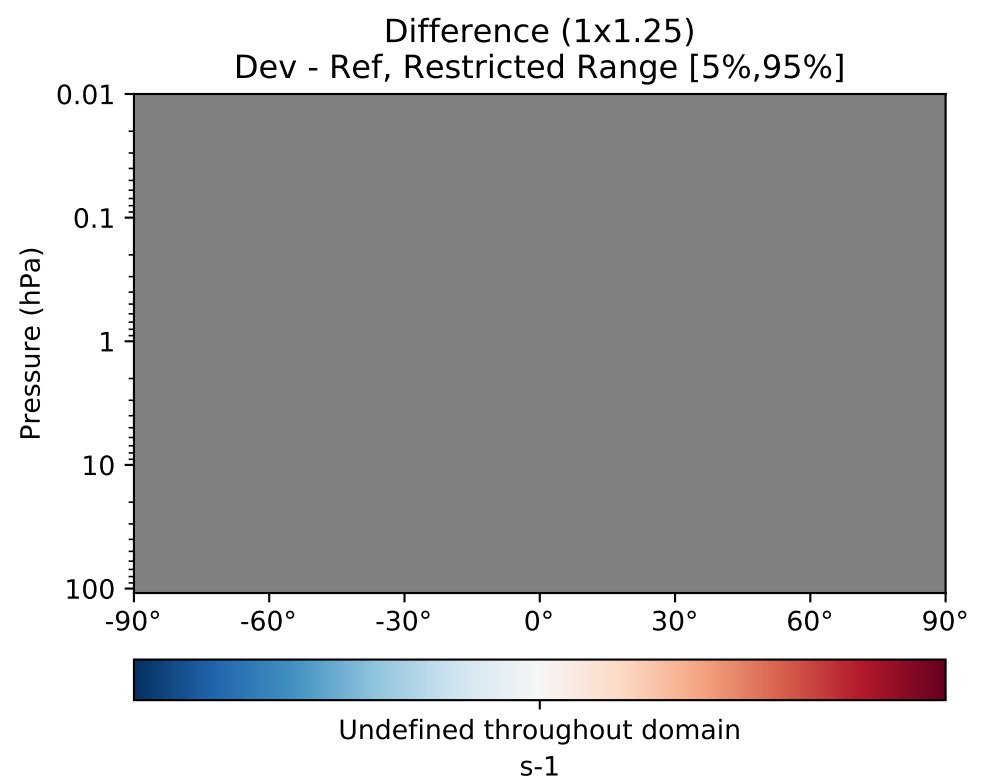
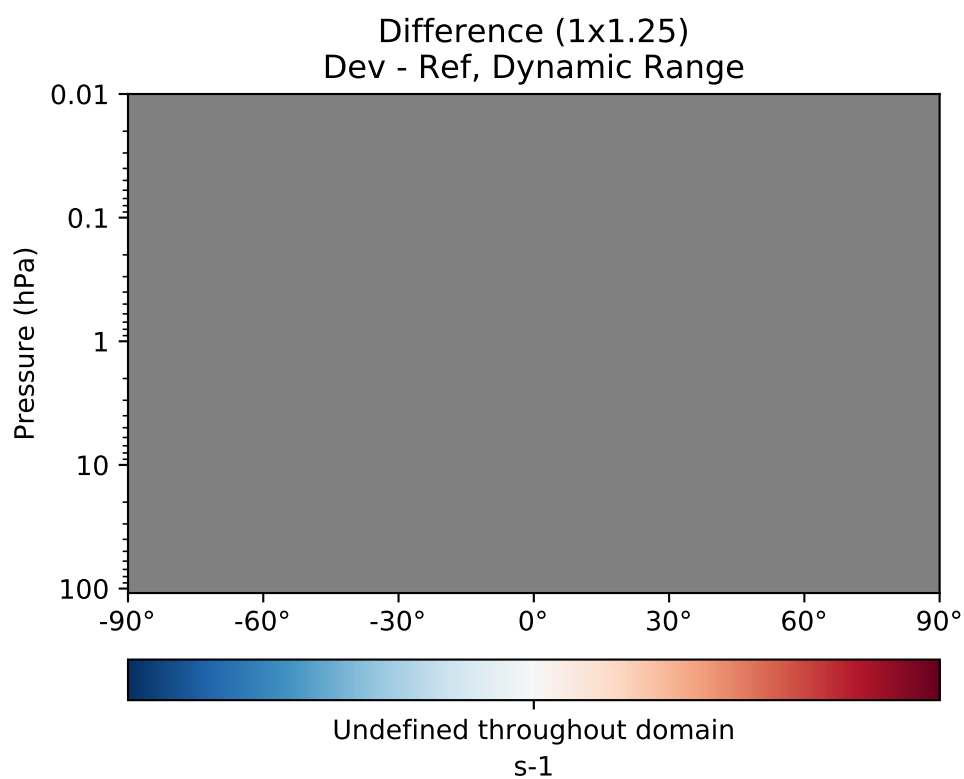
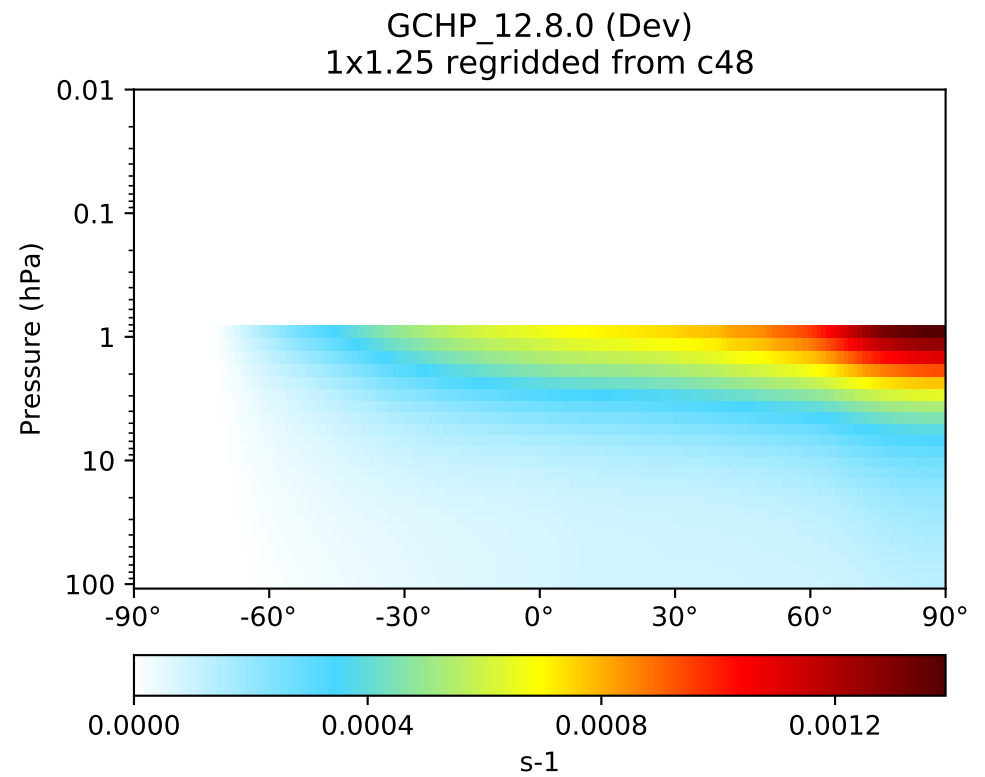
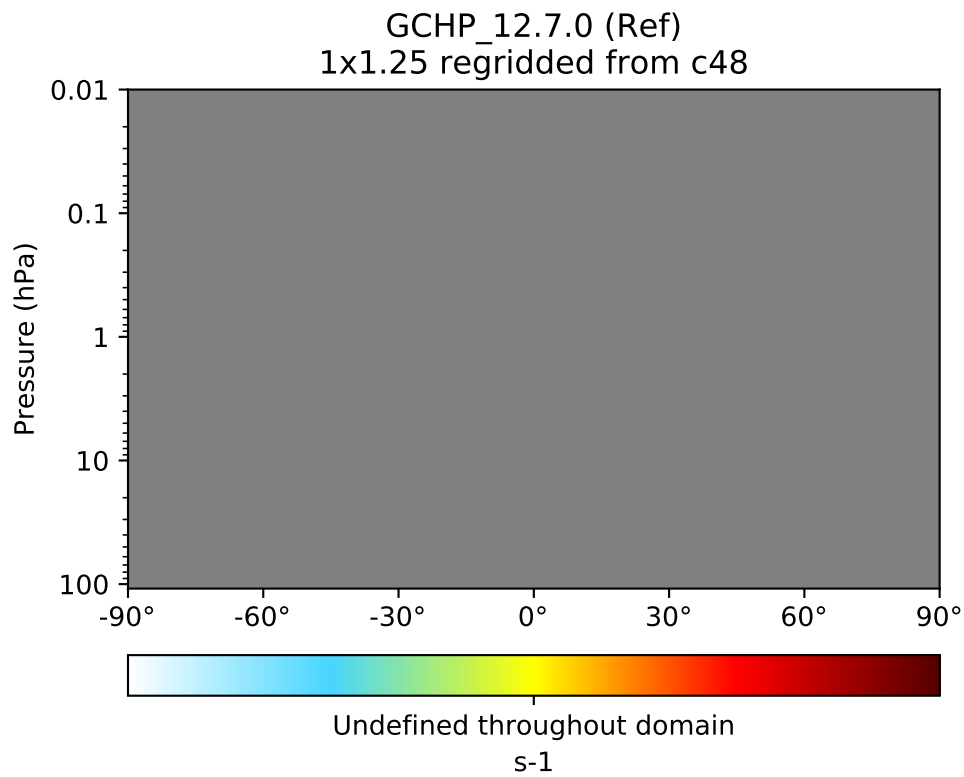
Jval_CH2IBR, Zonal Mean



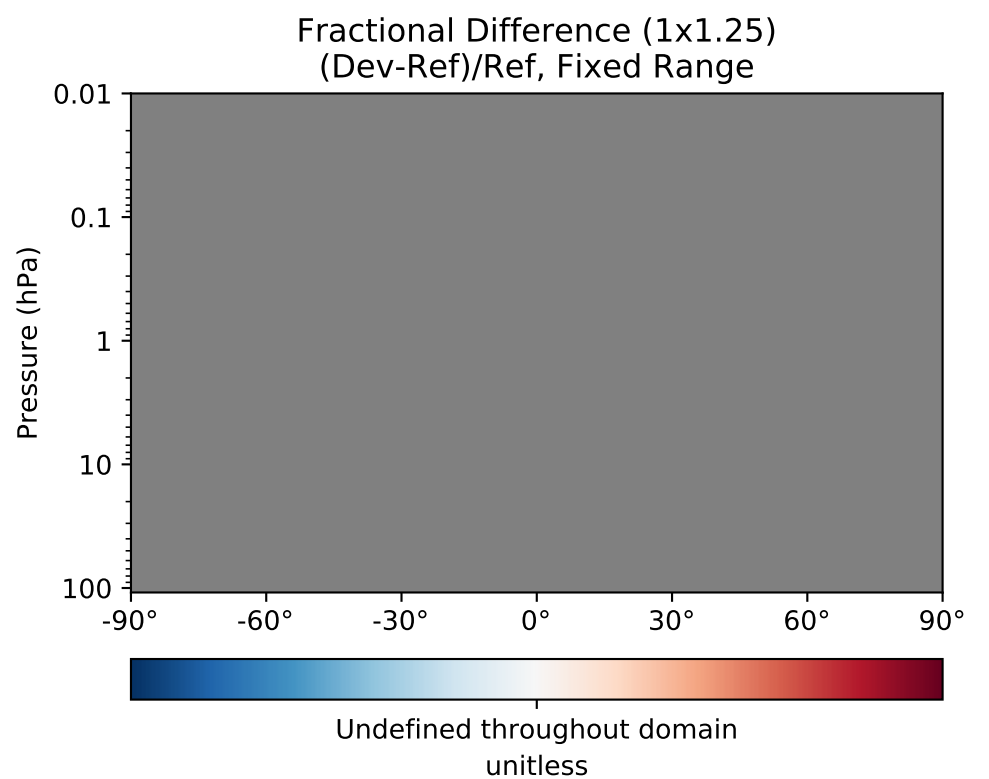
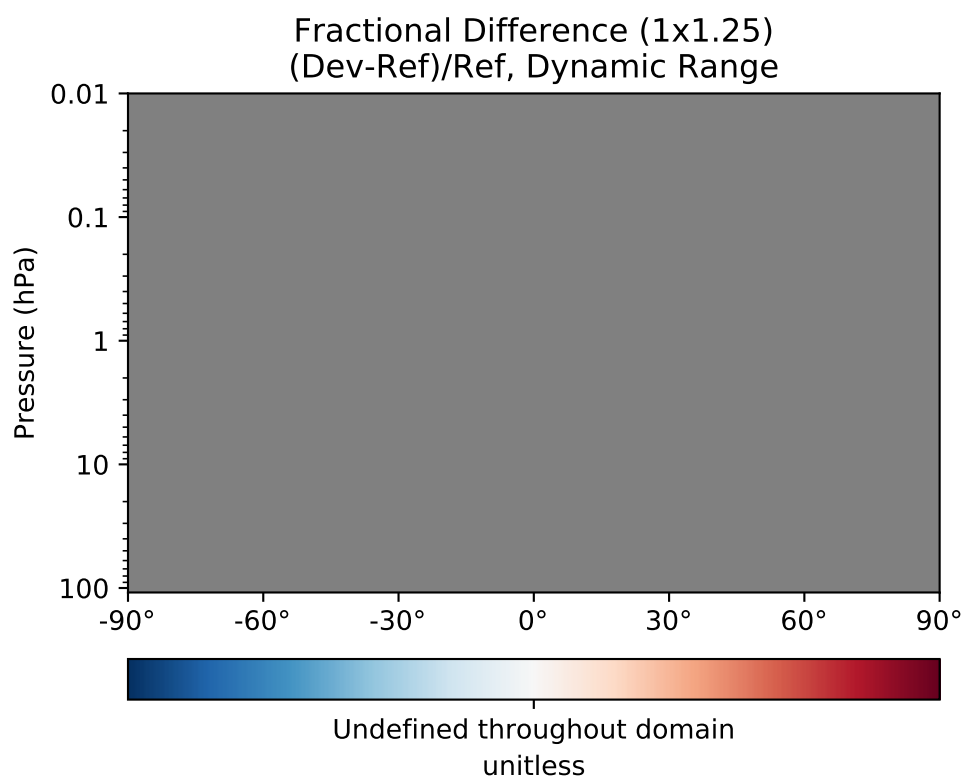
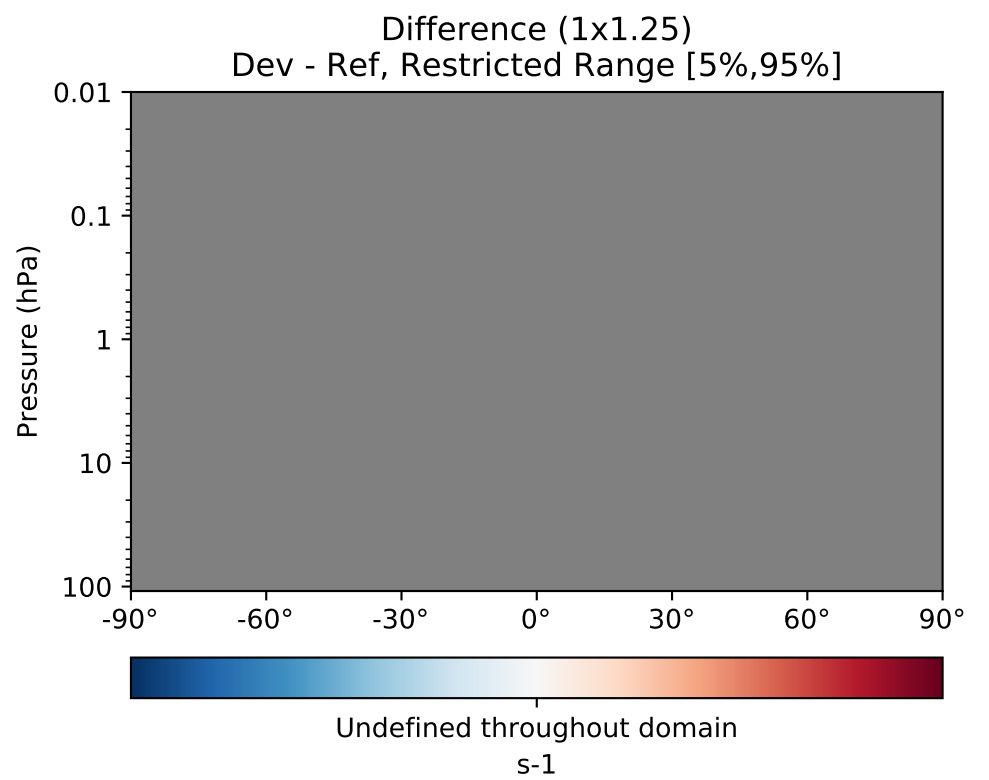
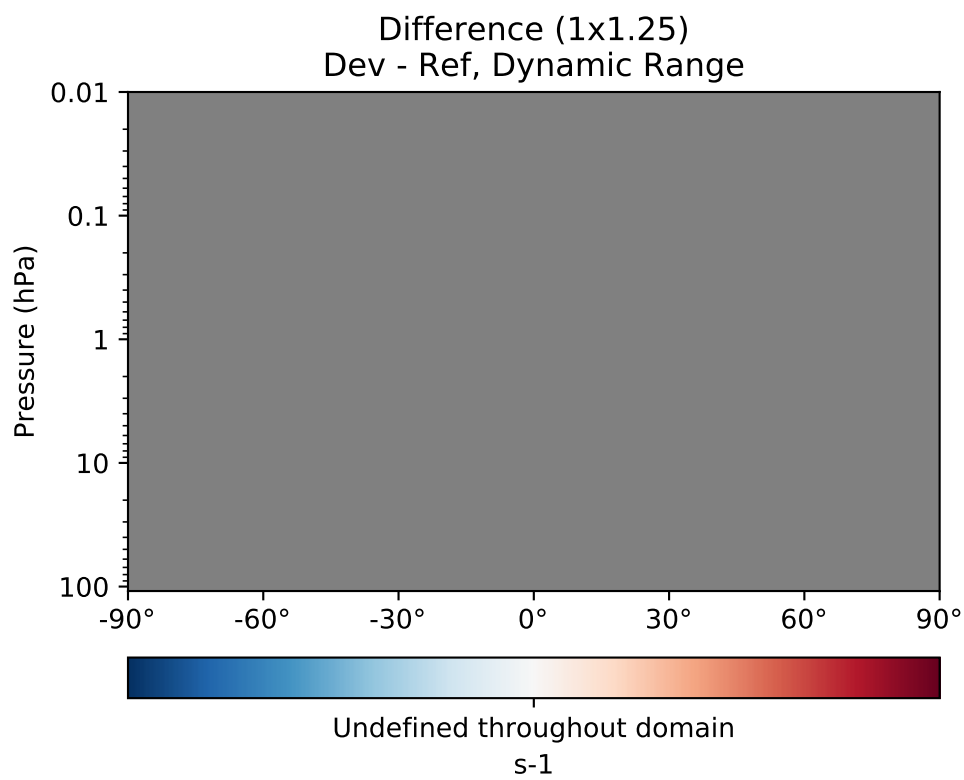
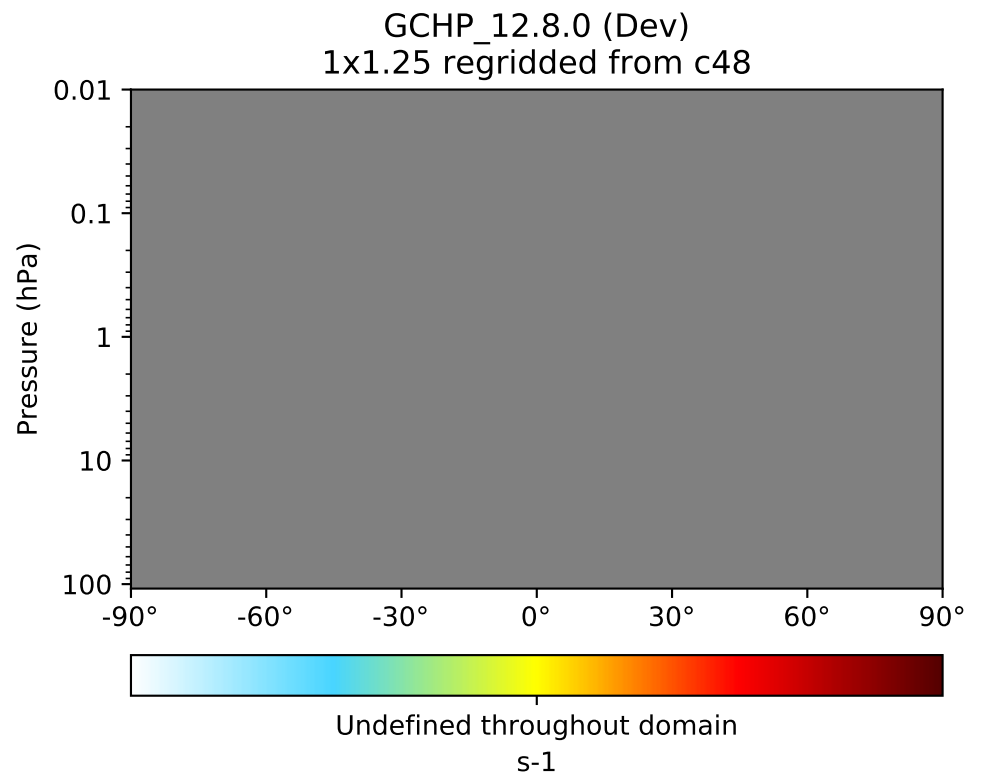
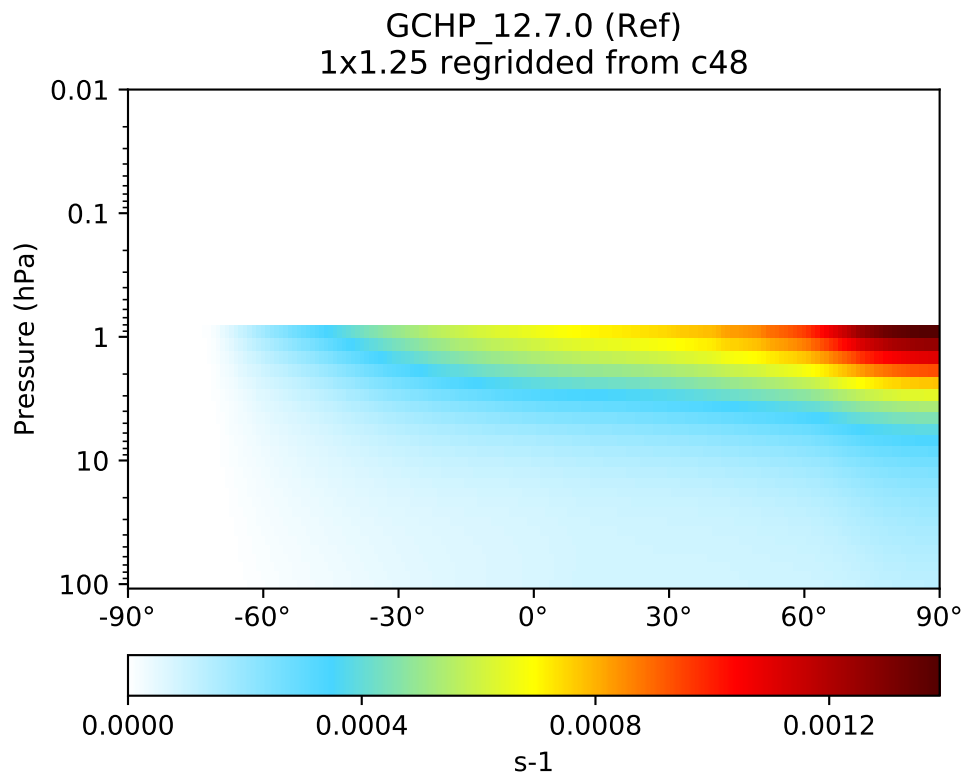
Jval_CH2IBr, Zonal Mean



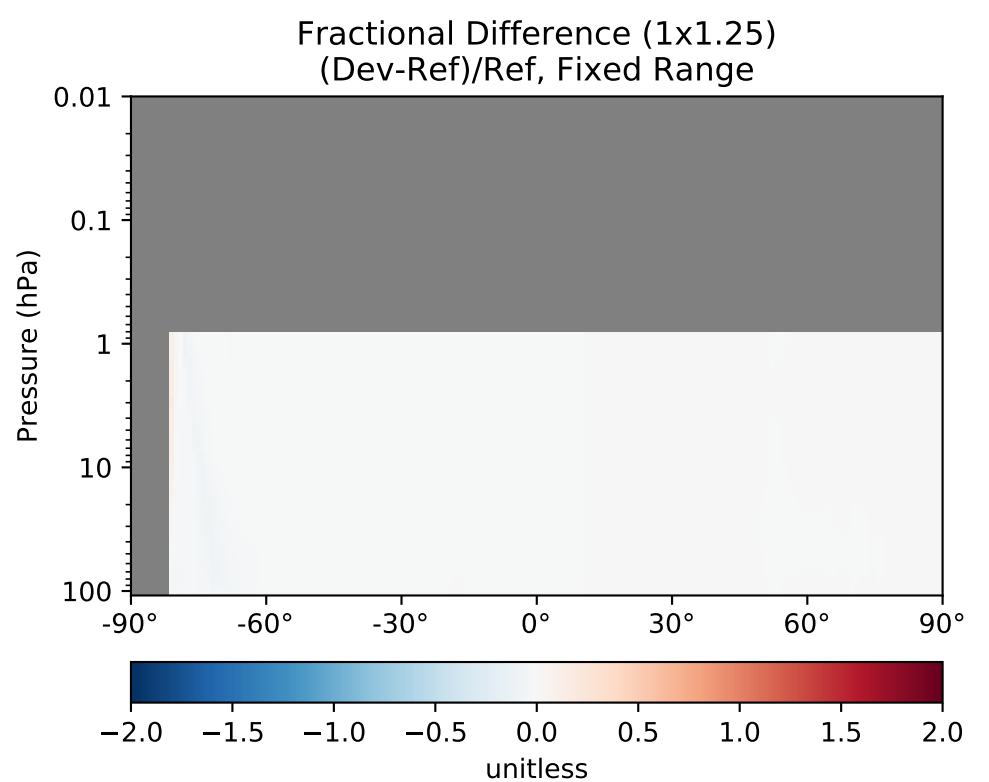
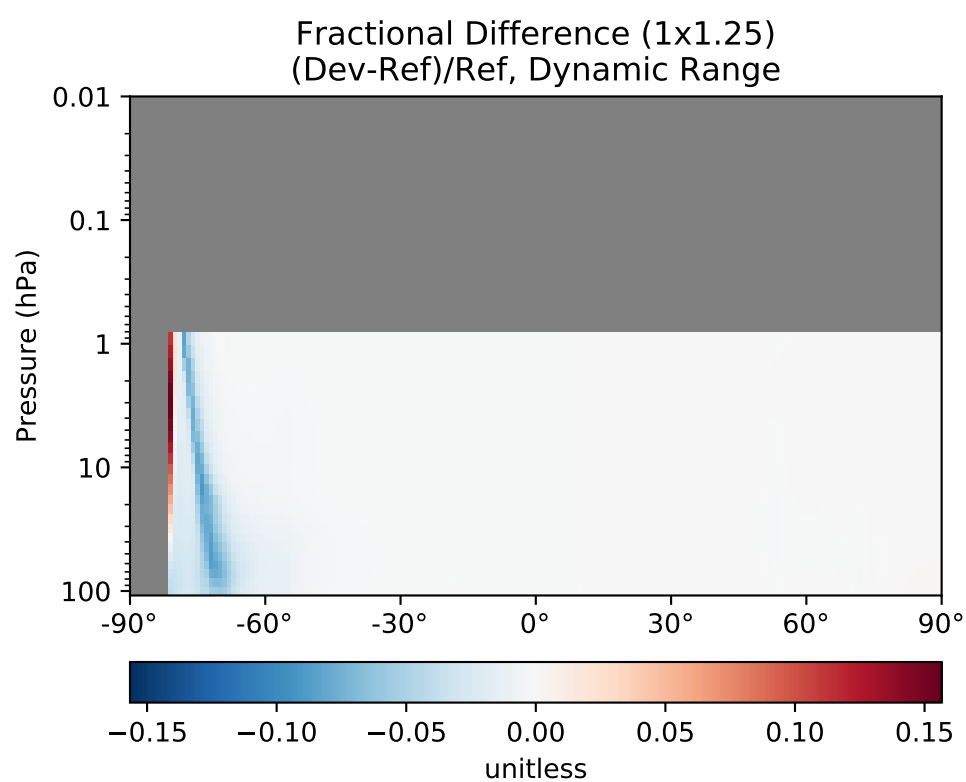
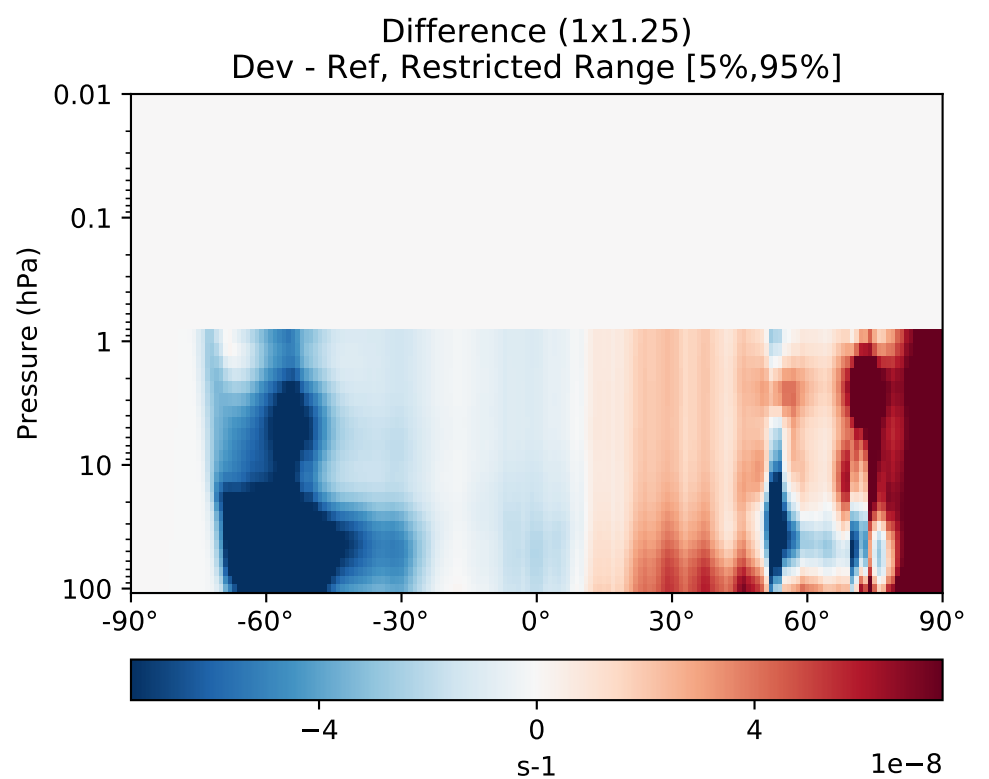
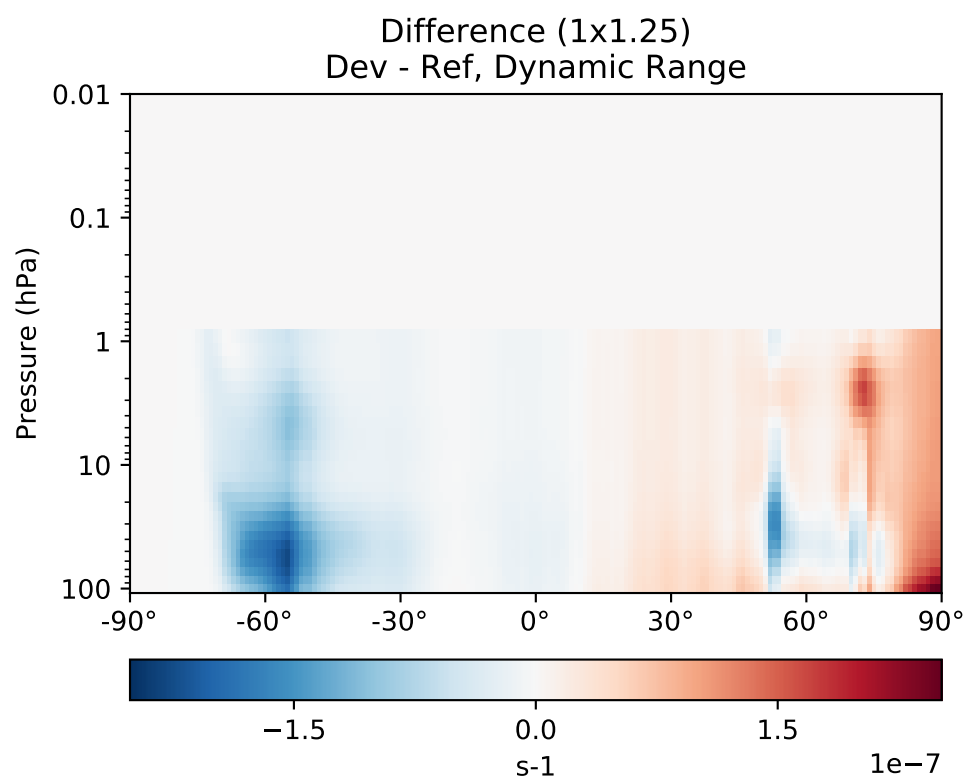
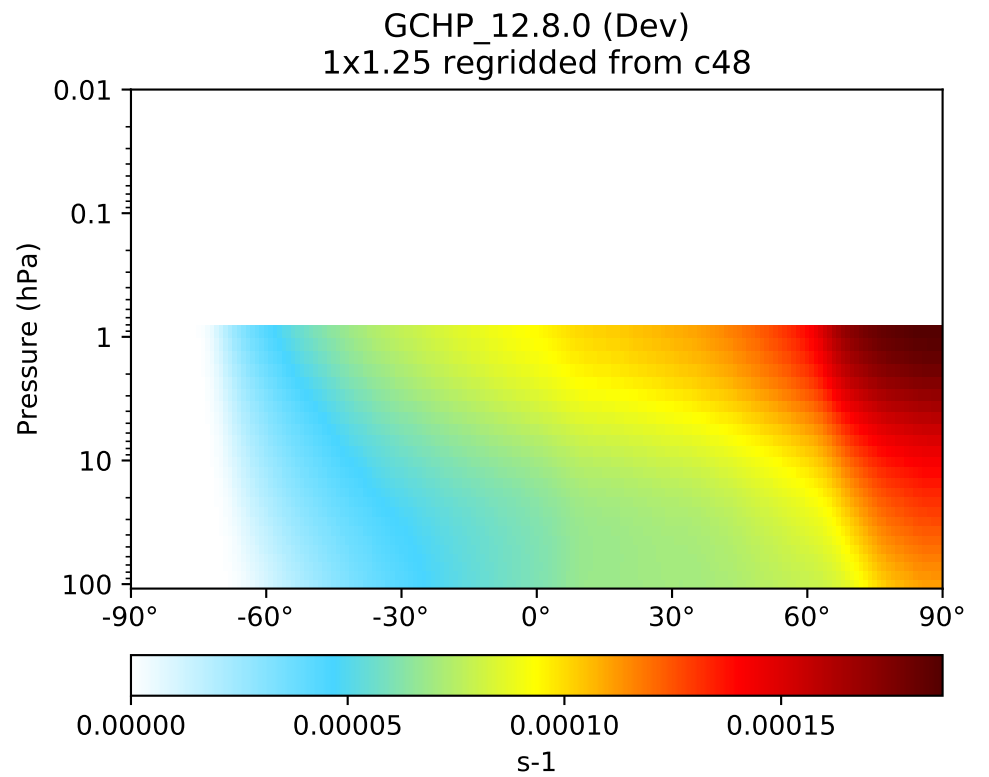
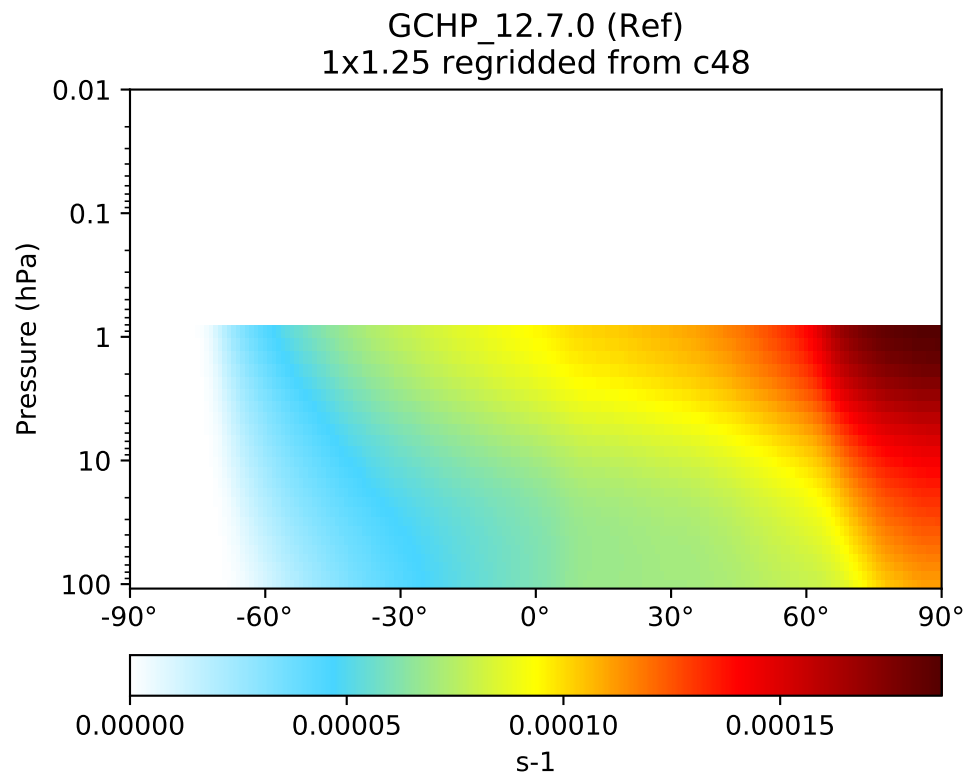
Jval_CH2ICL, Zonal Mean



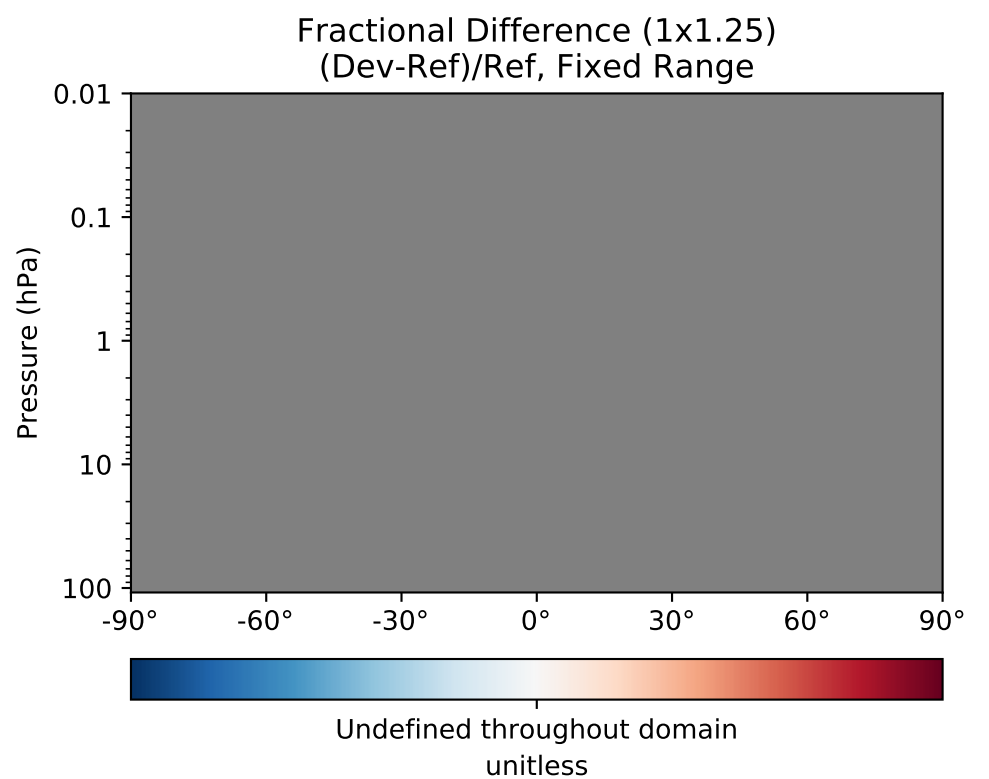
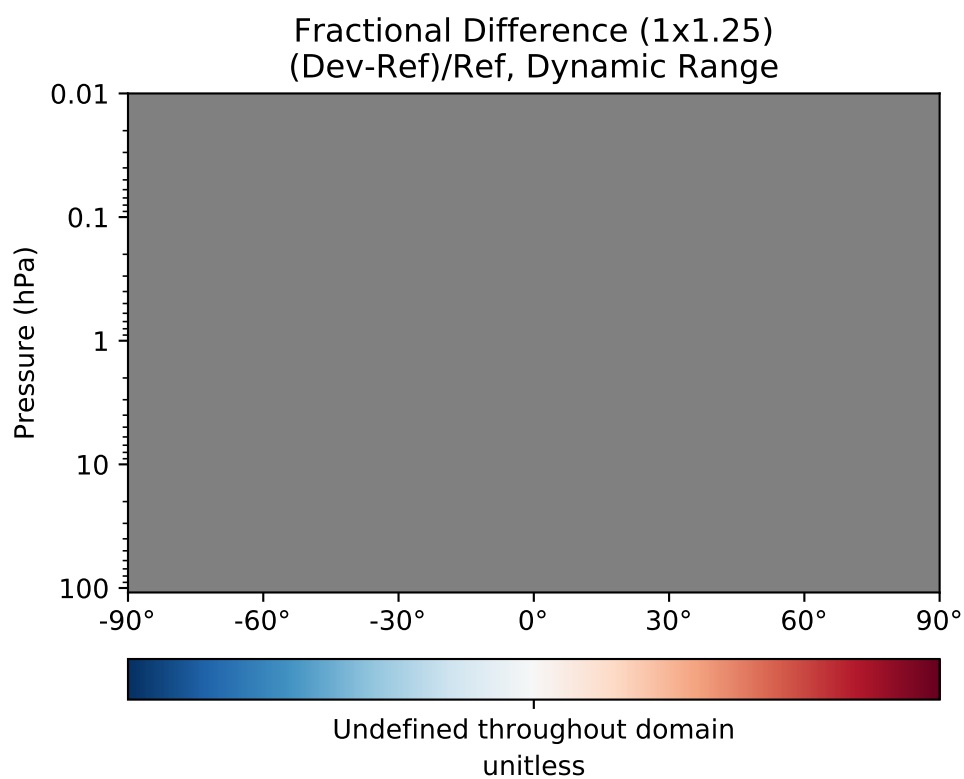
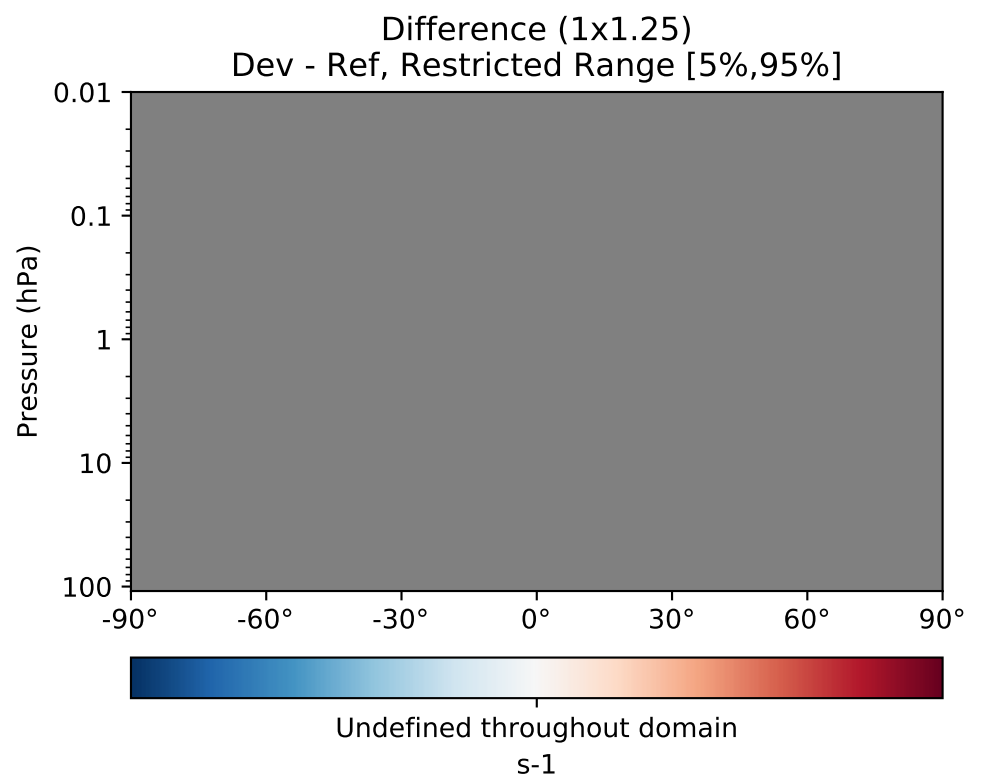
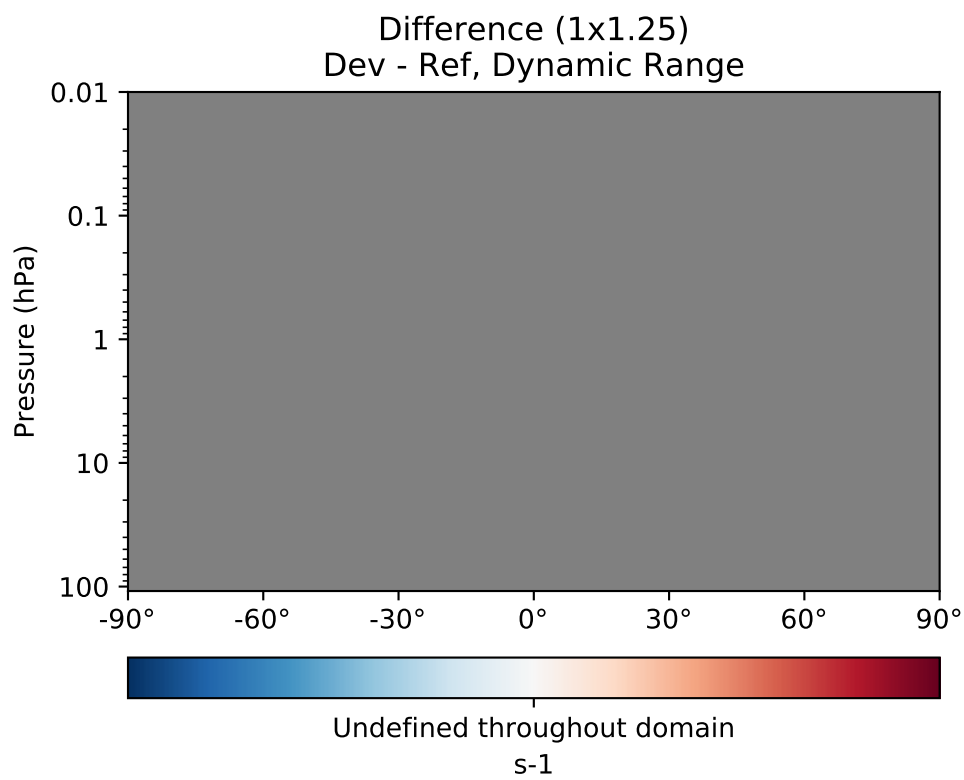
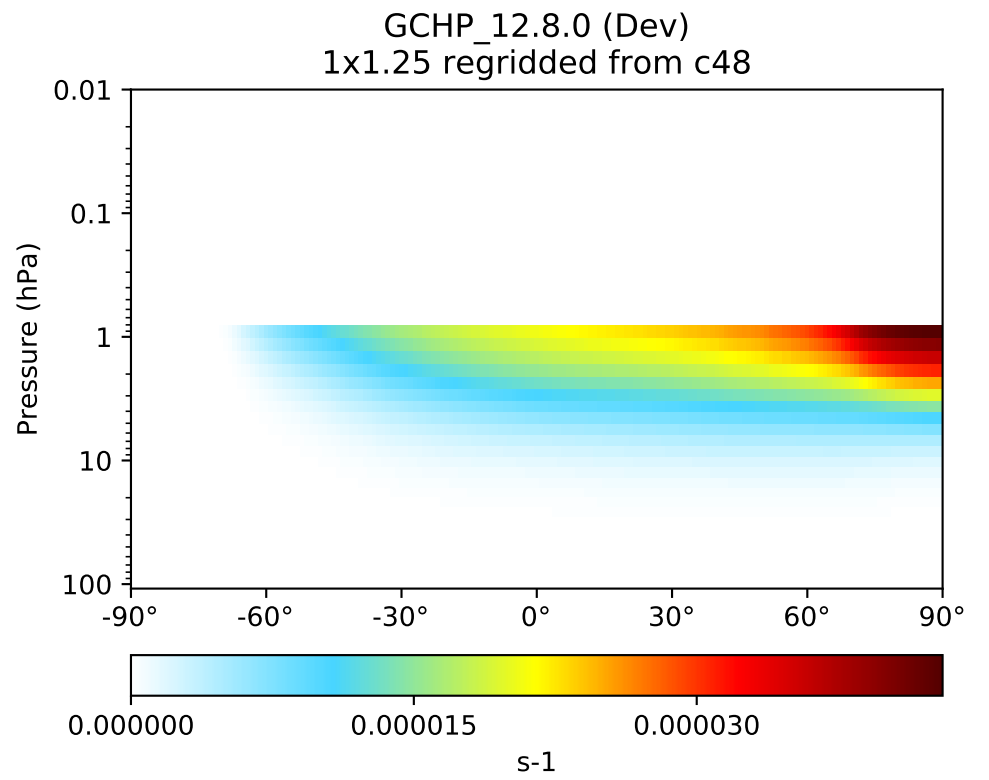
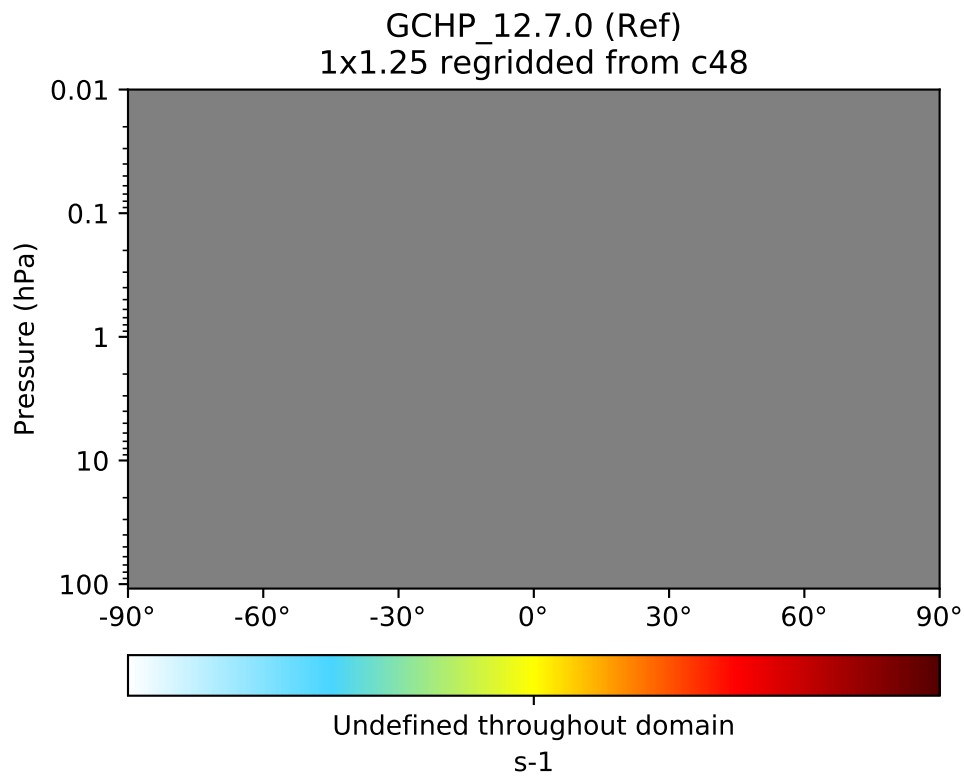
Jval_CH2ICl, Zonal Mean



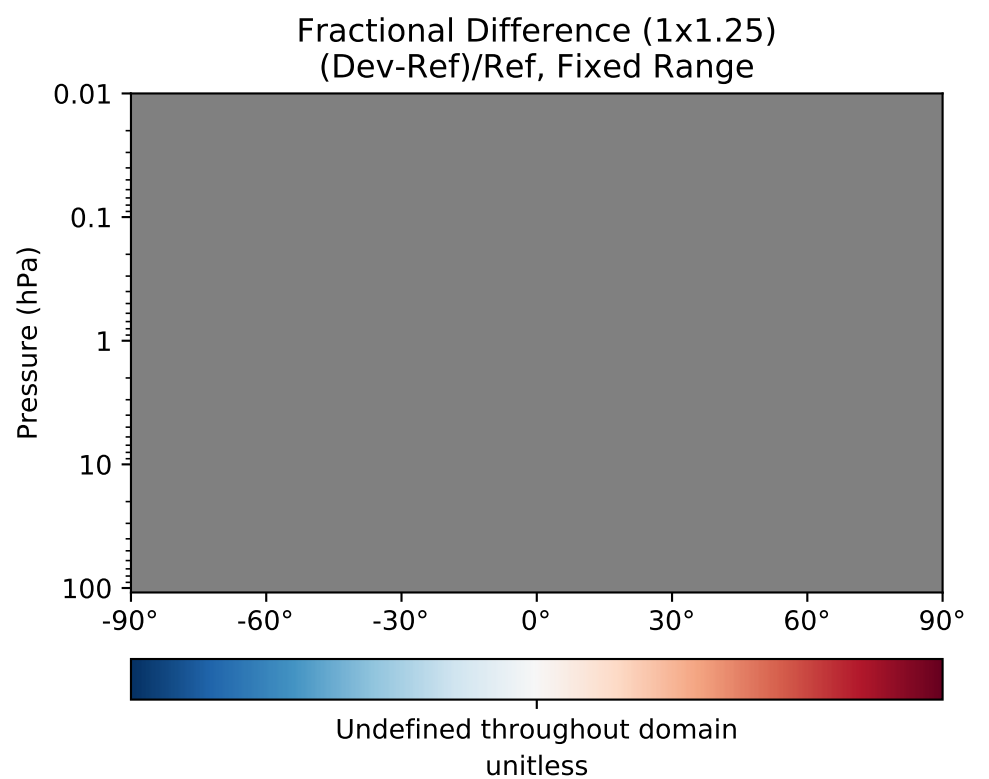
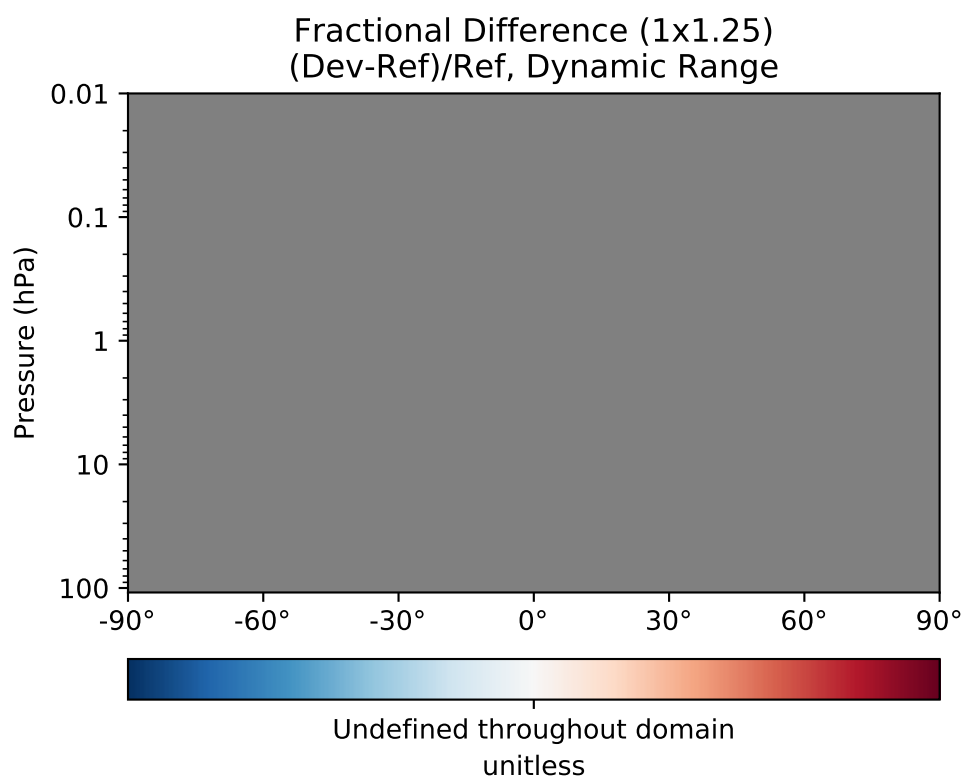
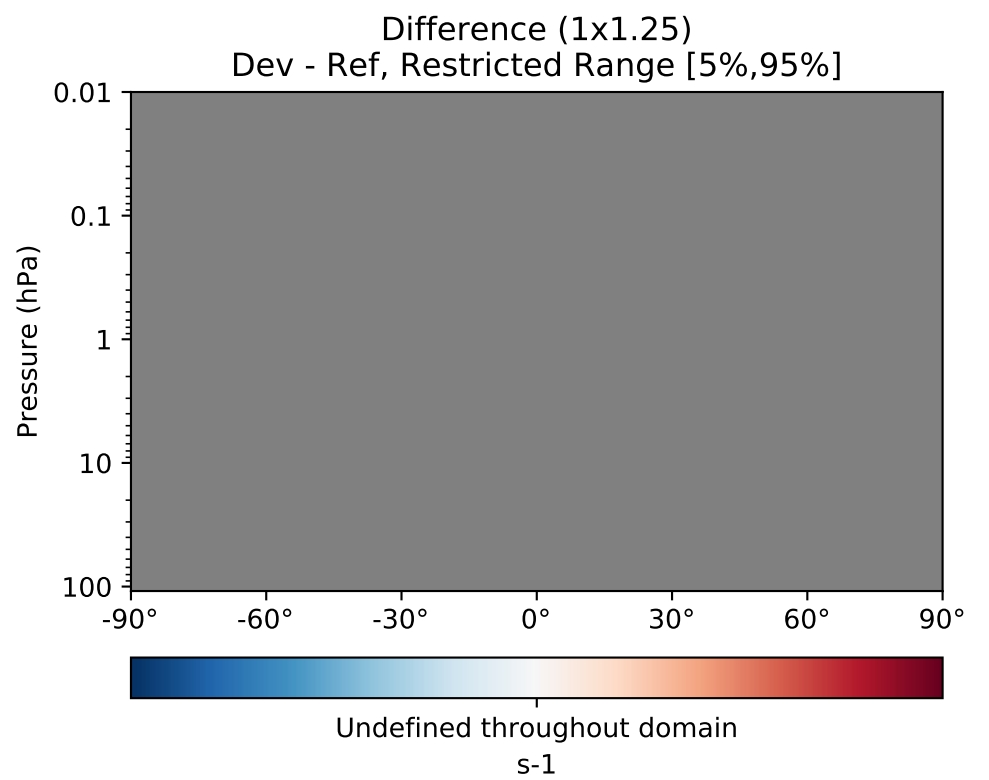
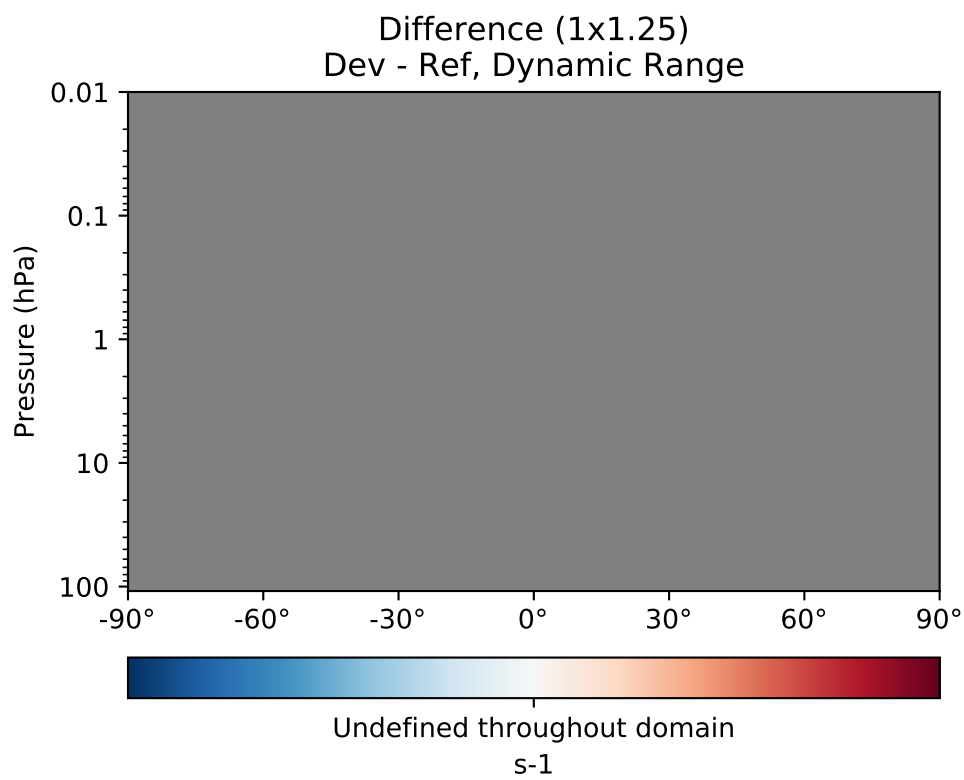
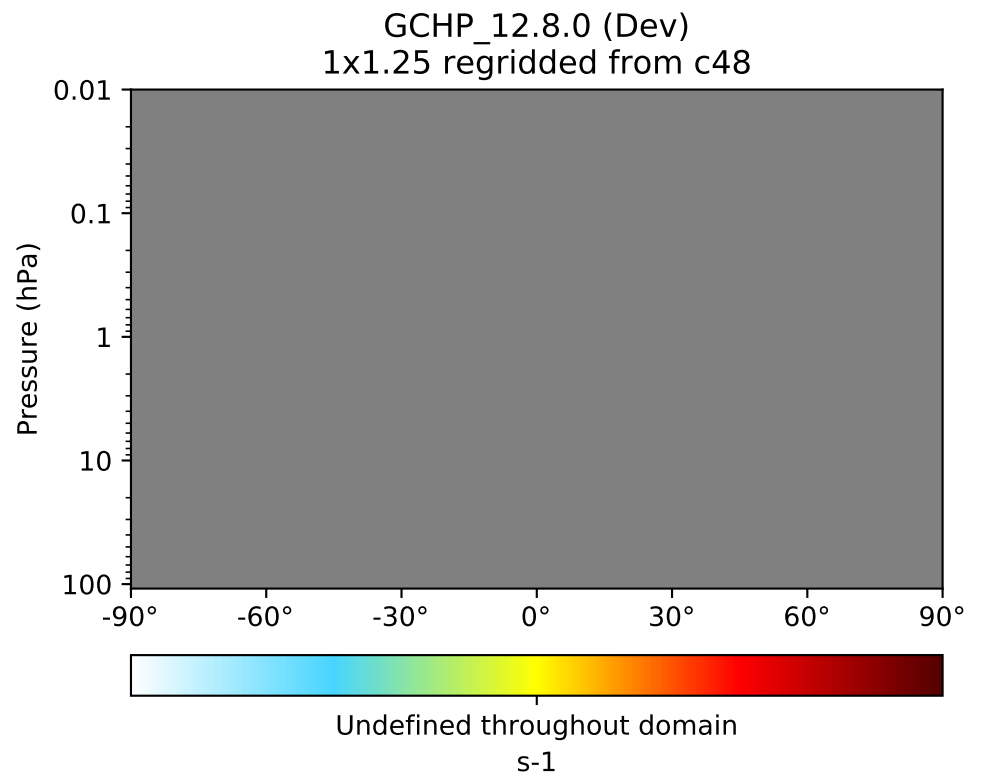
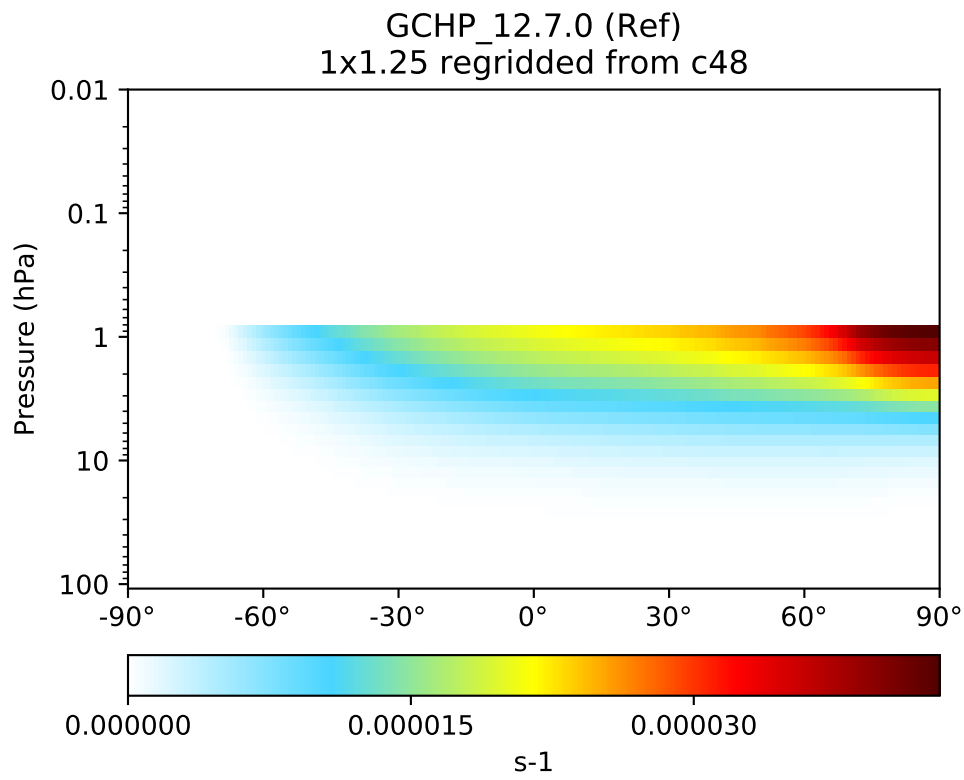
Jval_CH2O, Zonal Mean



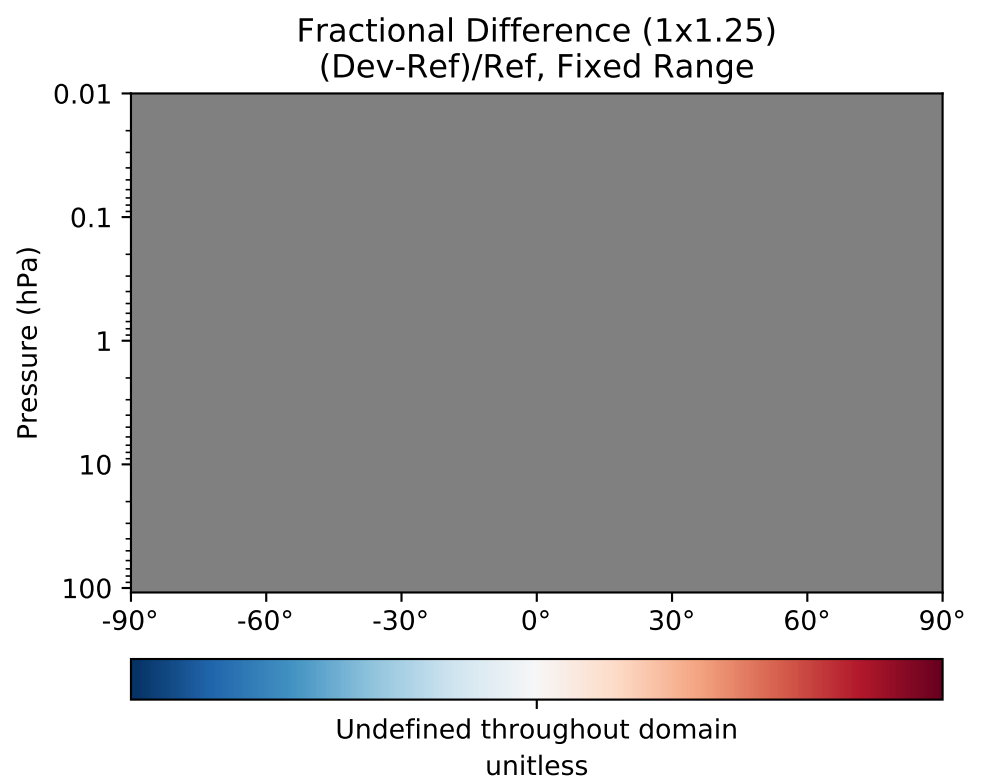
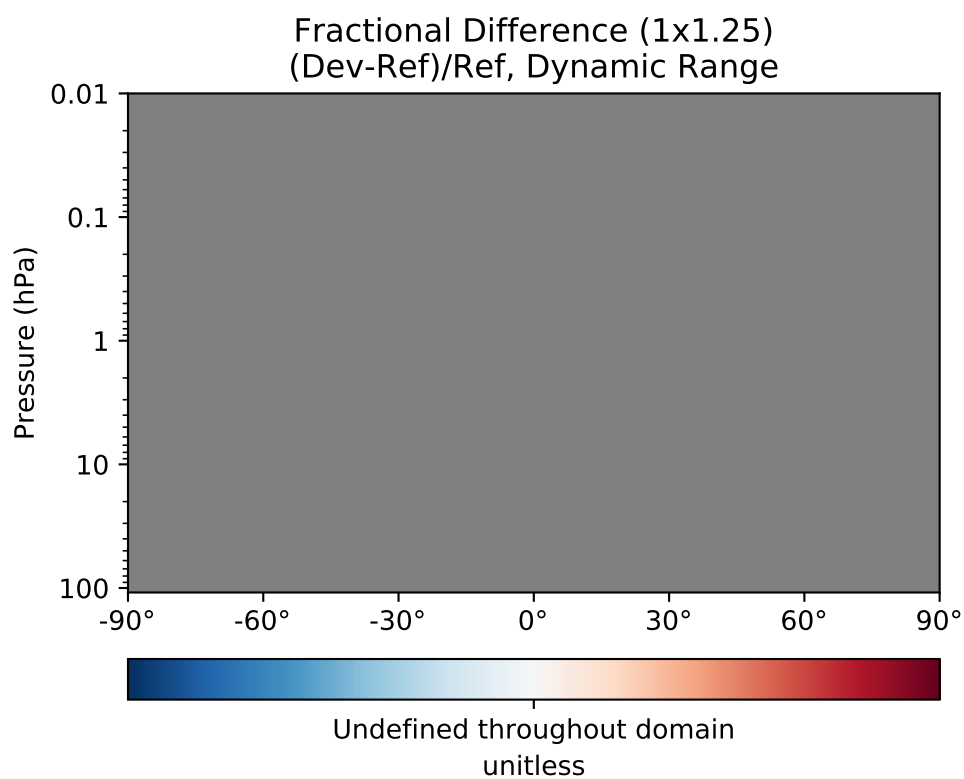
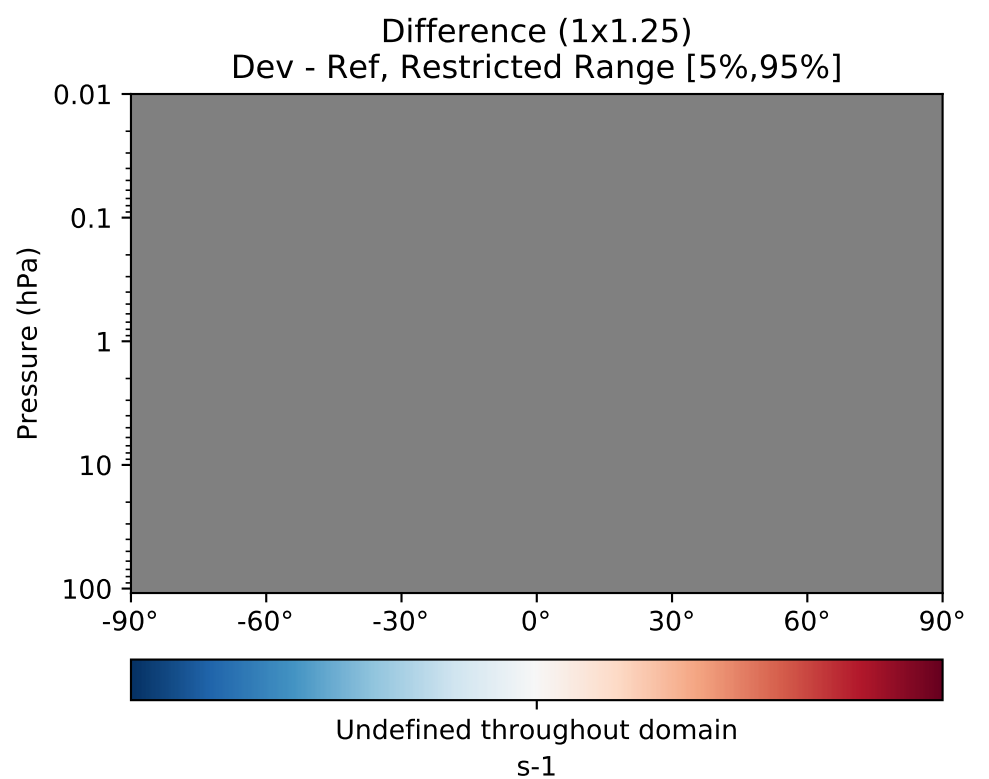
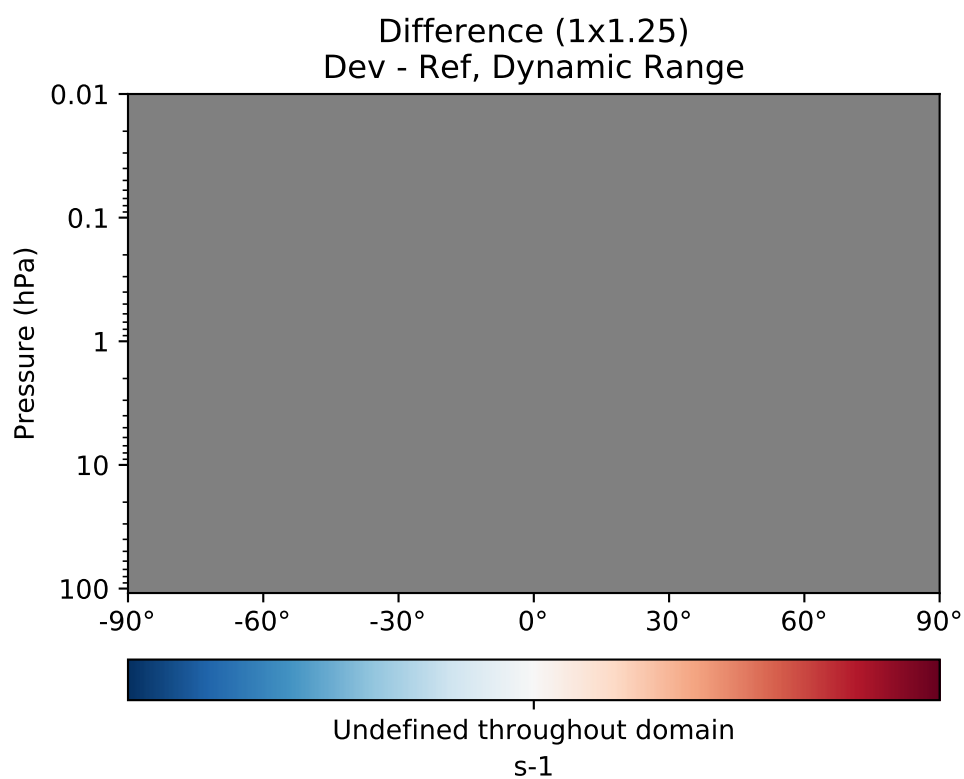
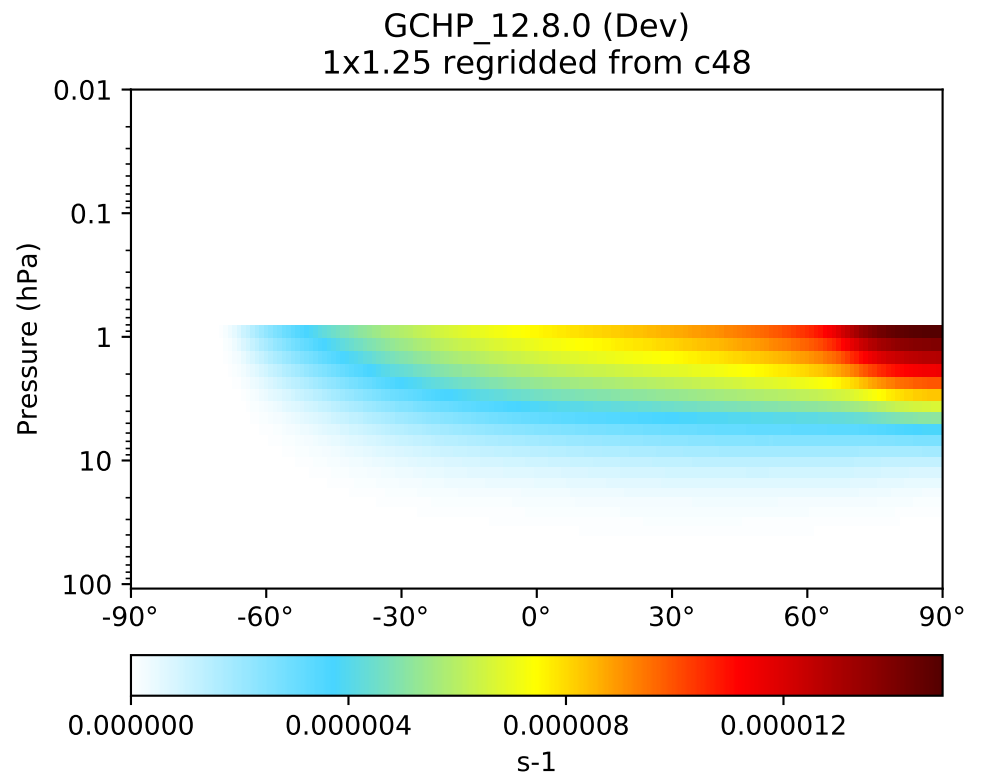
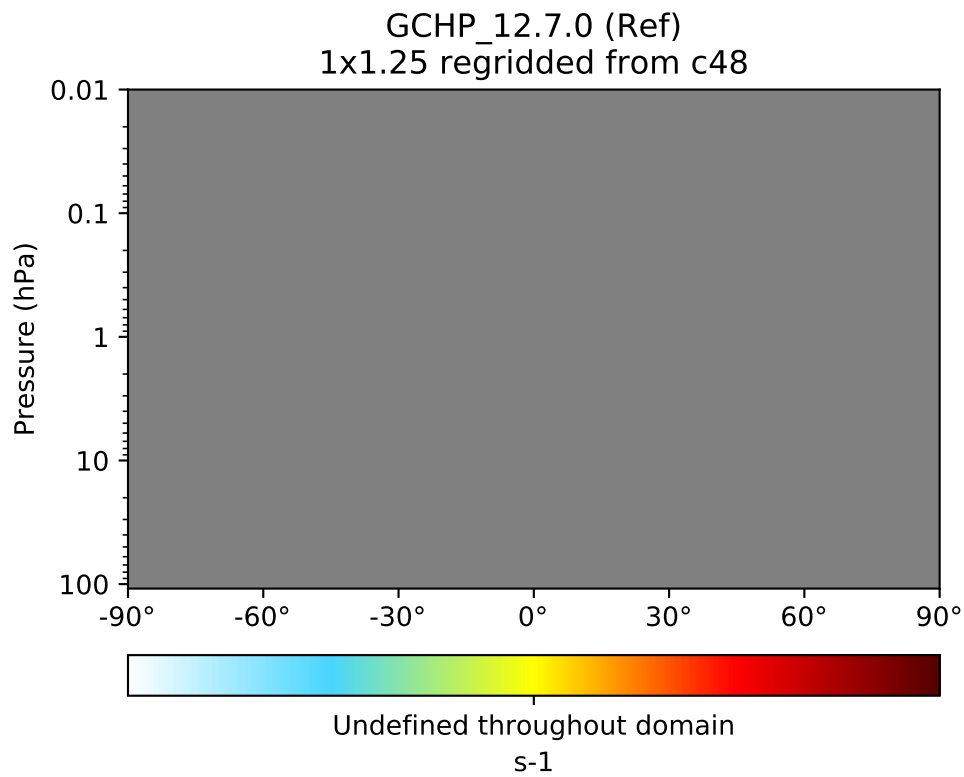
Jval_CH3BR, Zonal Mean



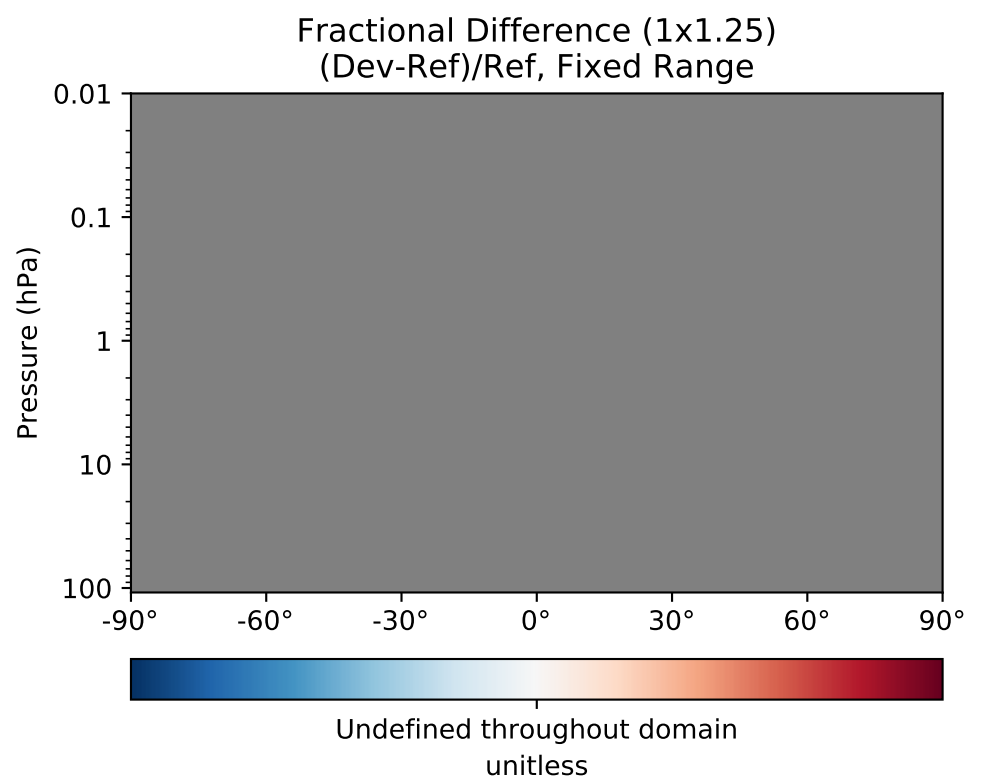
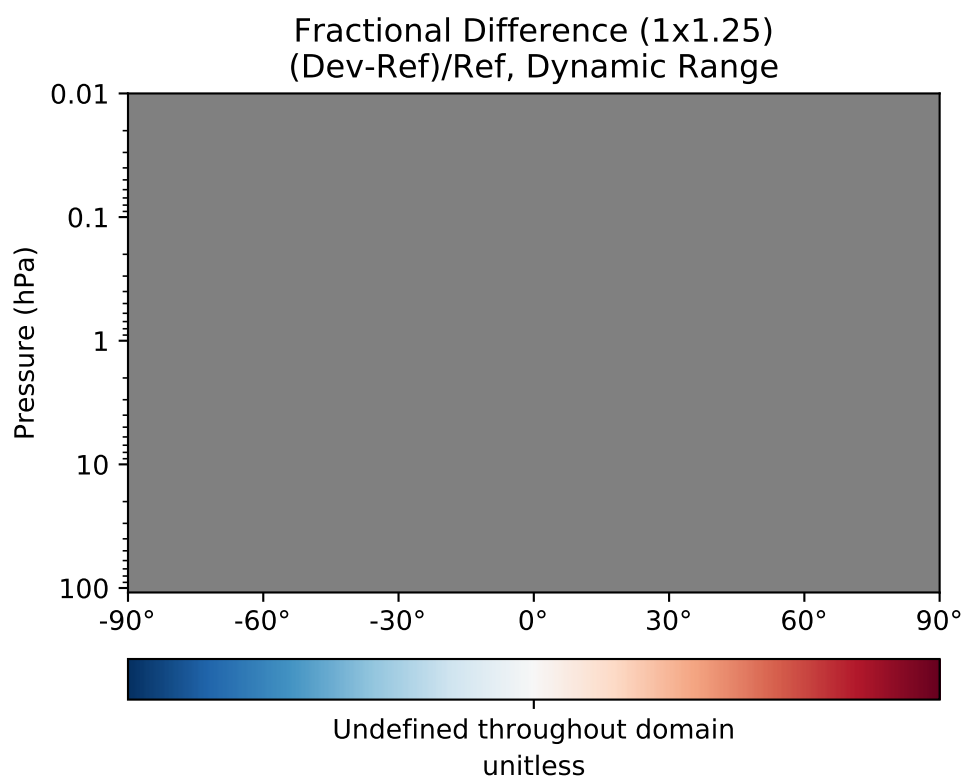
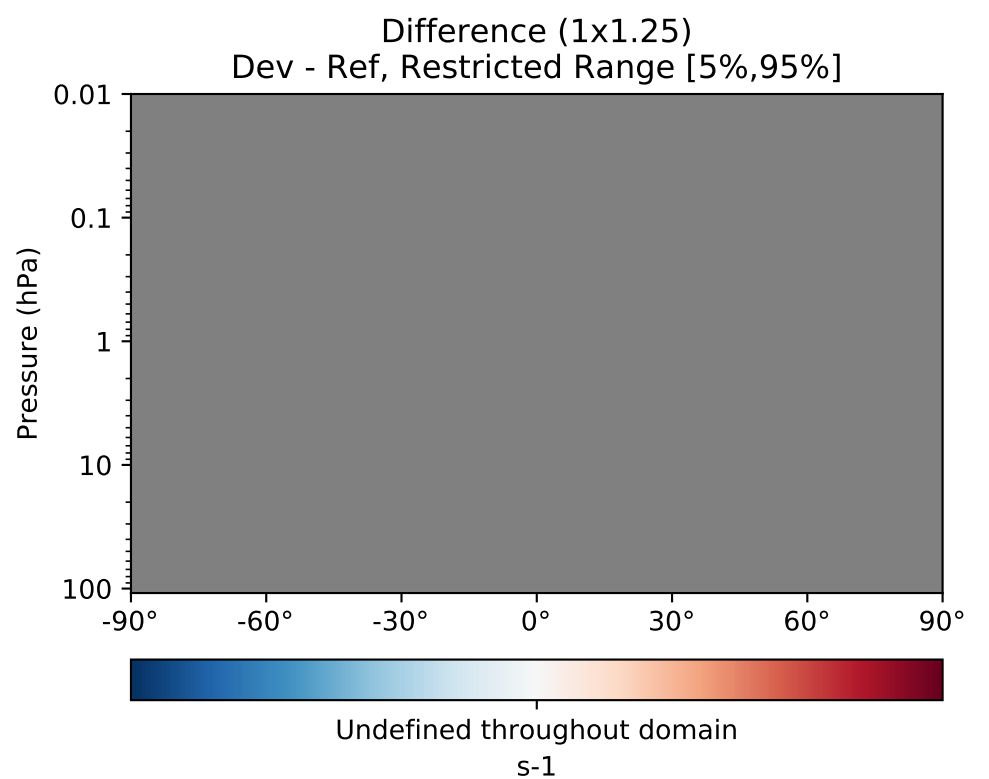
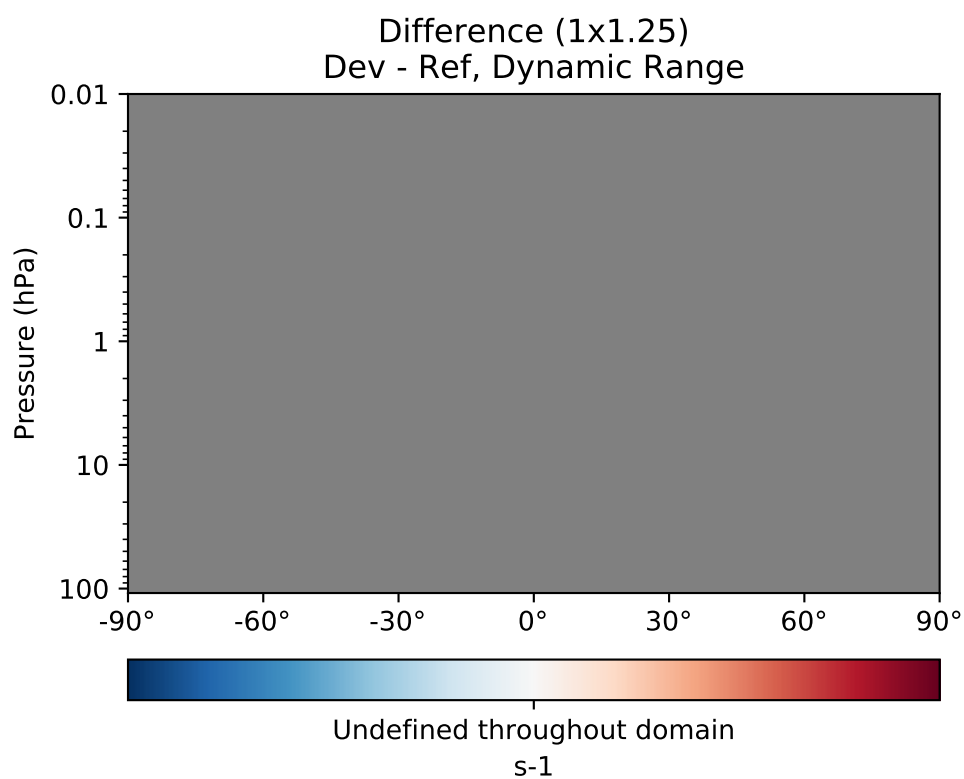
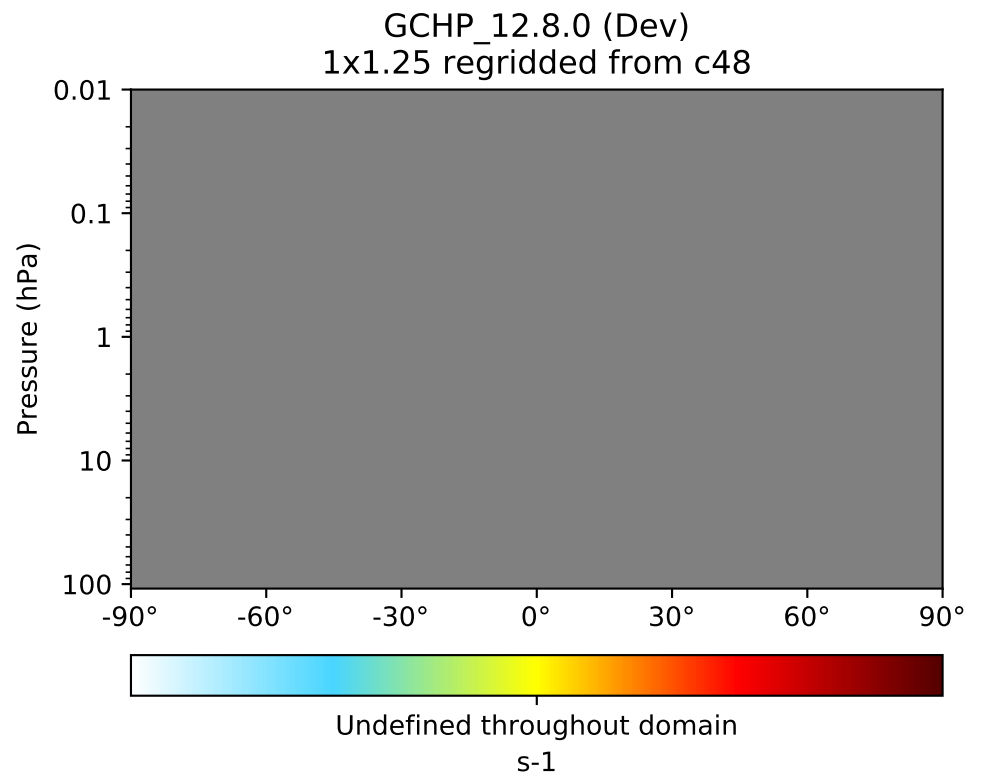
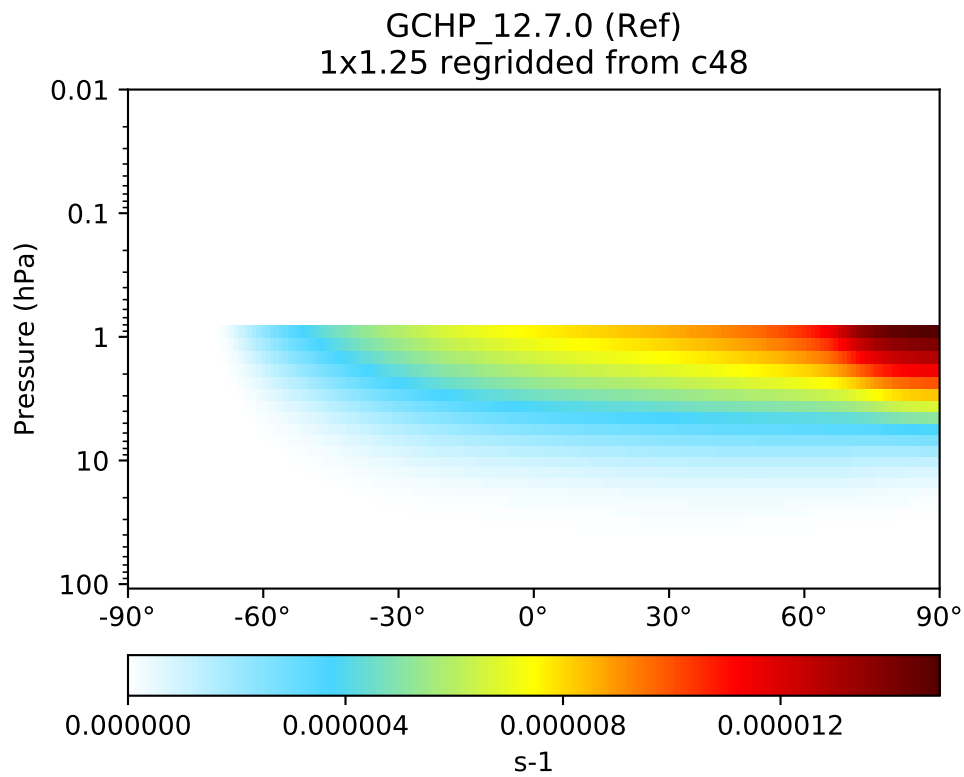
Jval_CH3Br, Zonal Mean



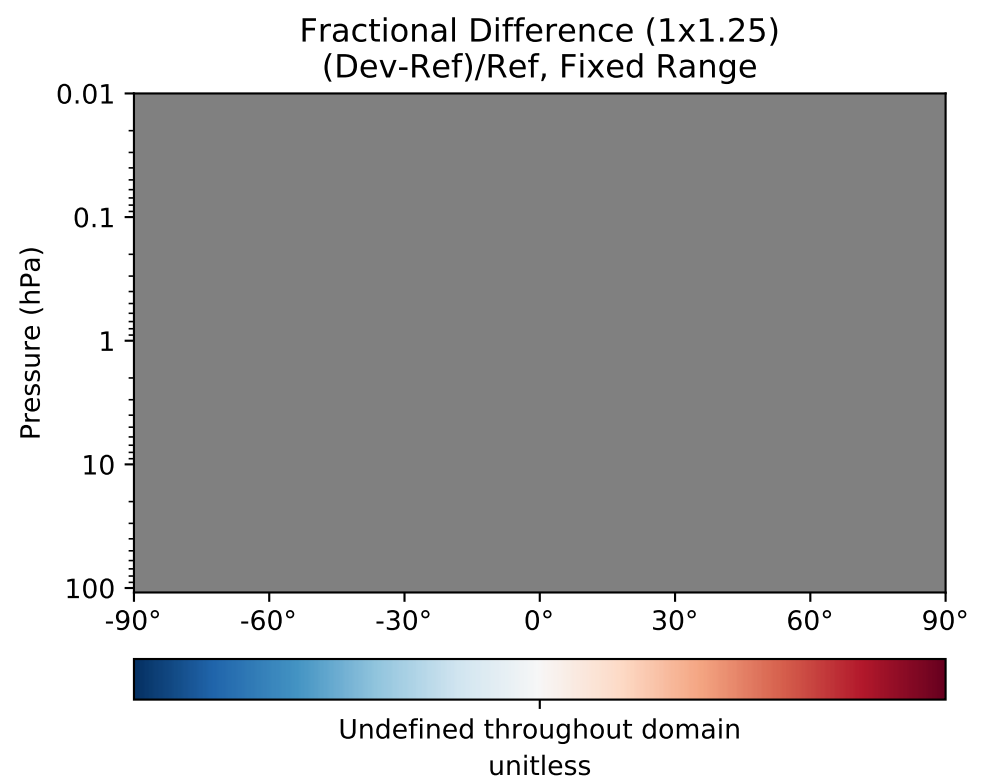
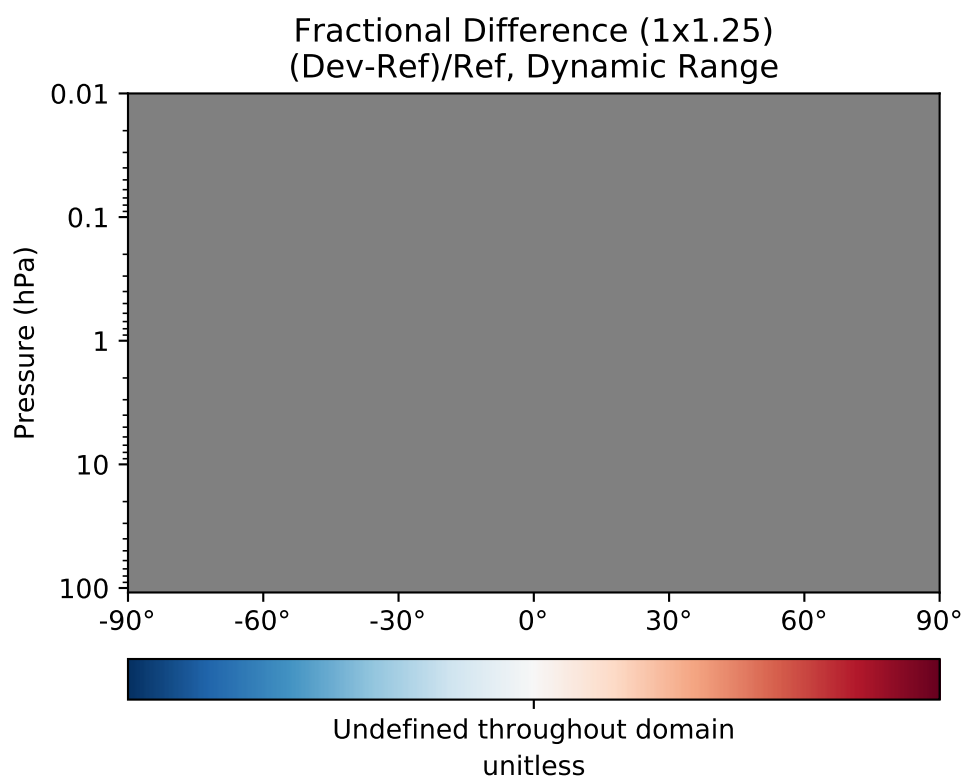
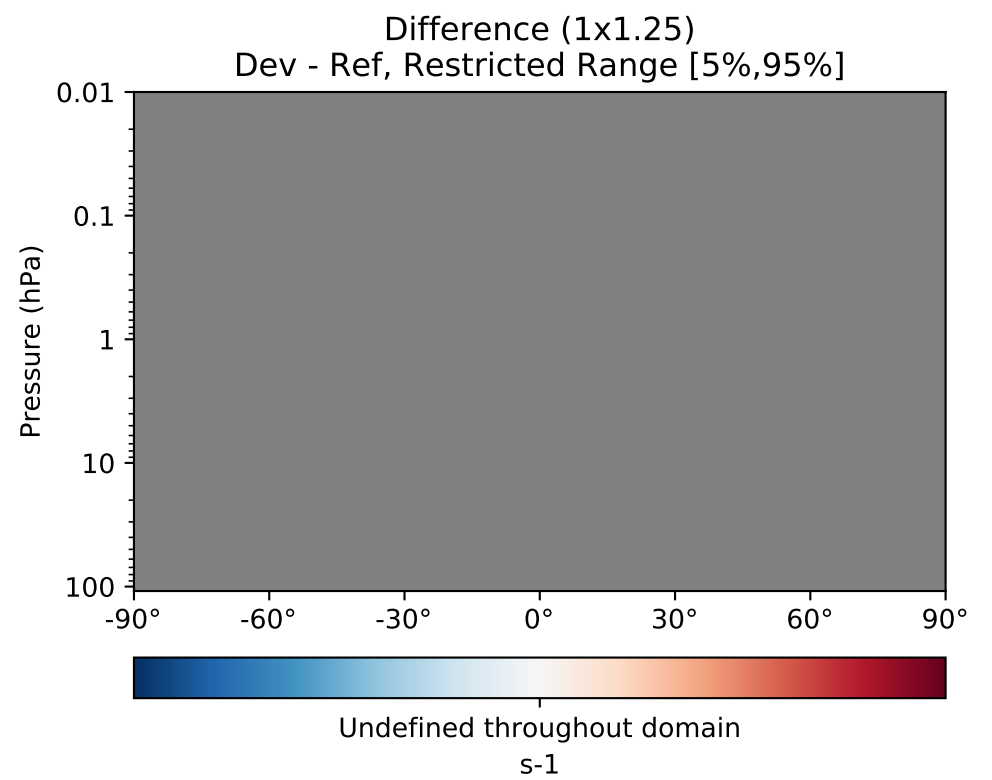
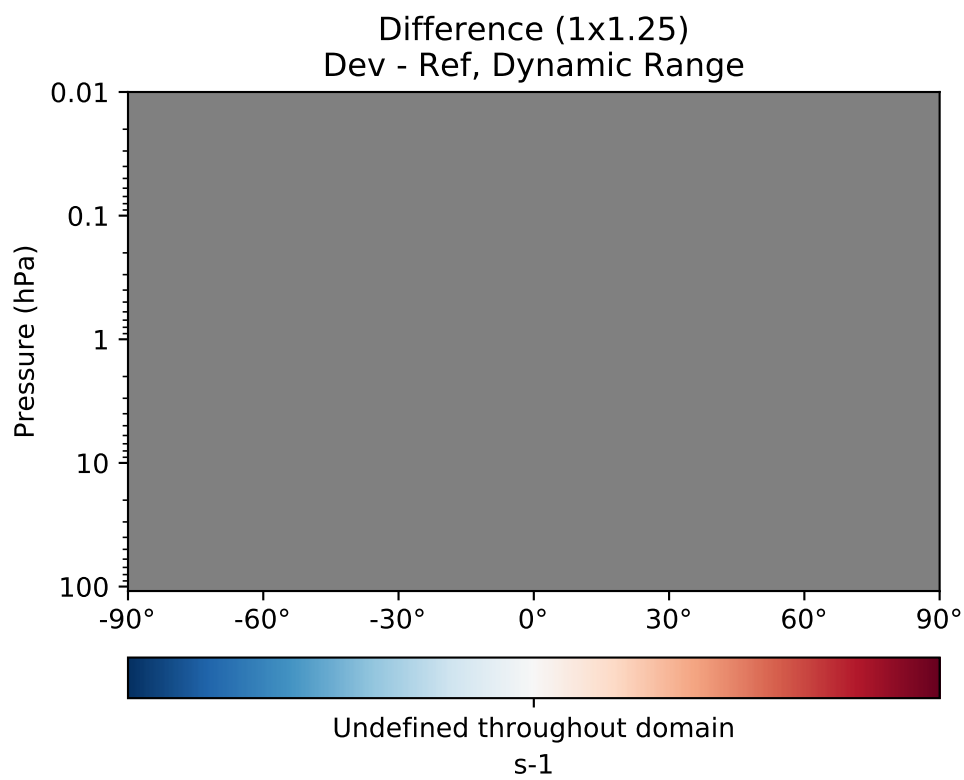
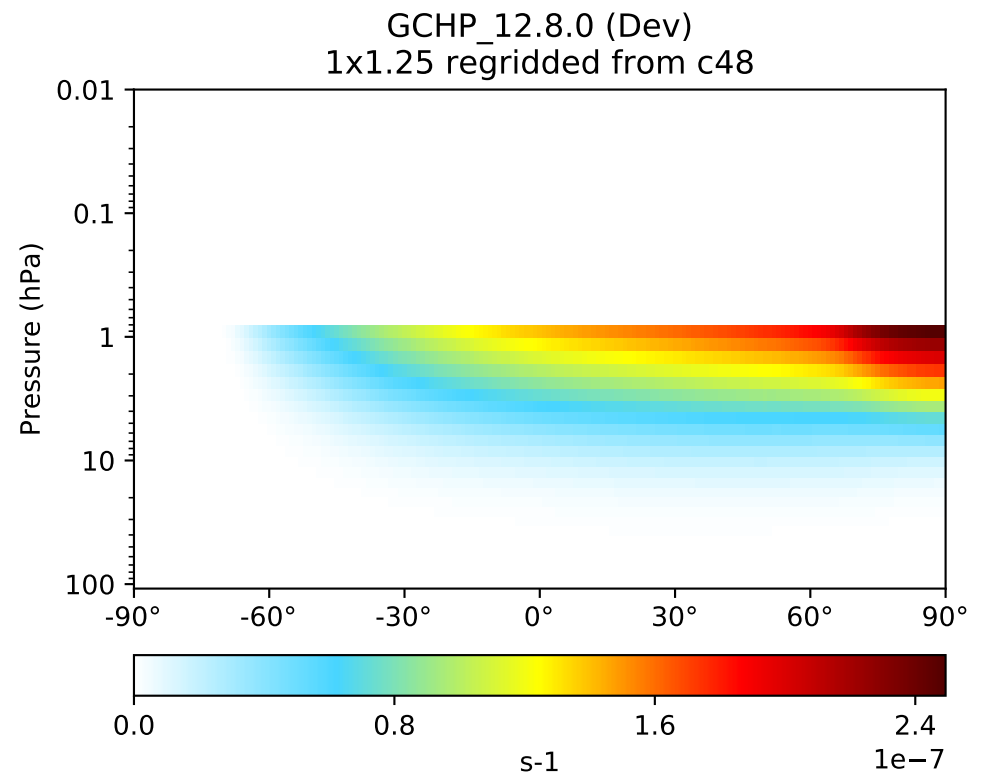
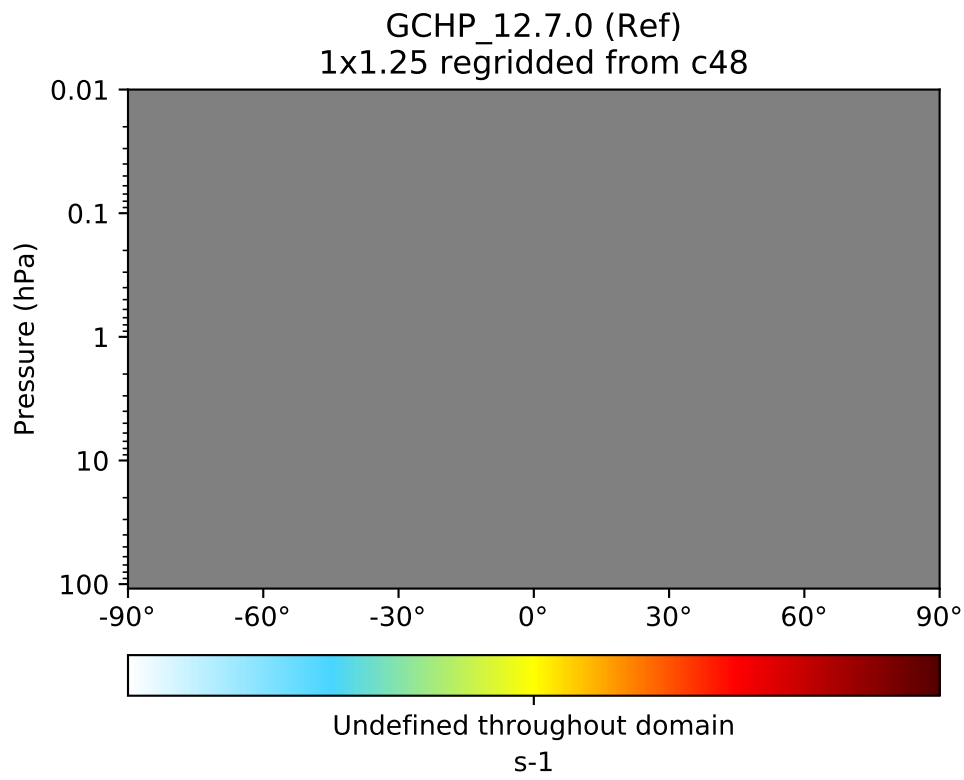
Jval_CH3CCL3, Zonal Mean



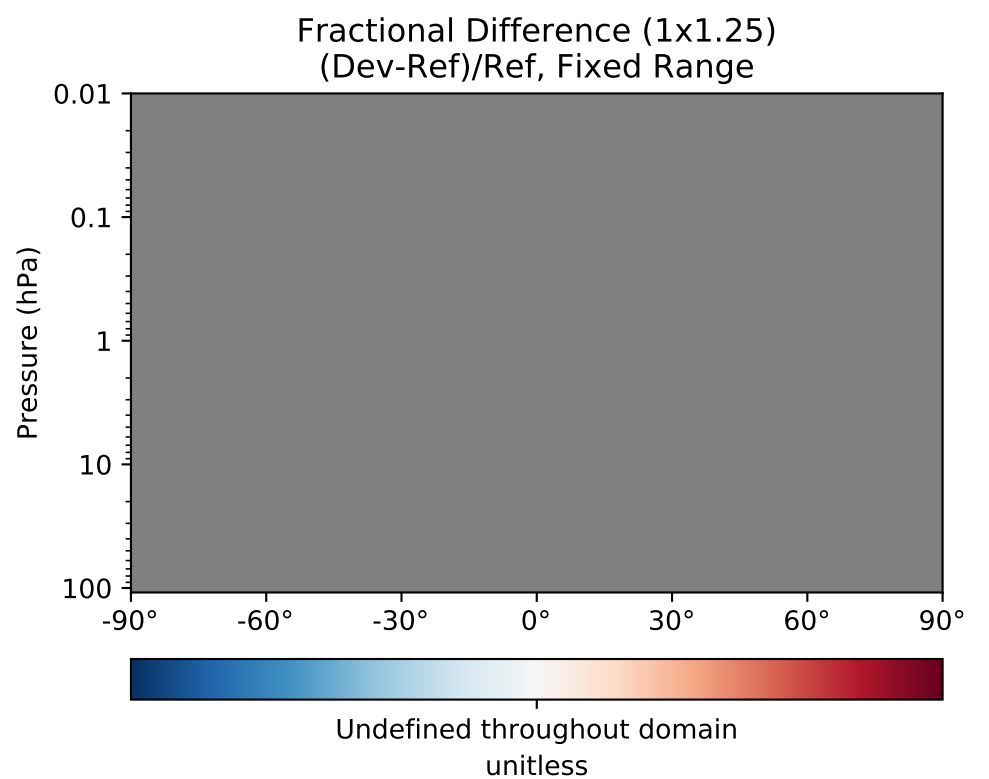
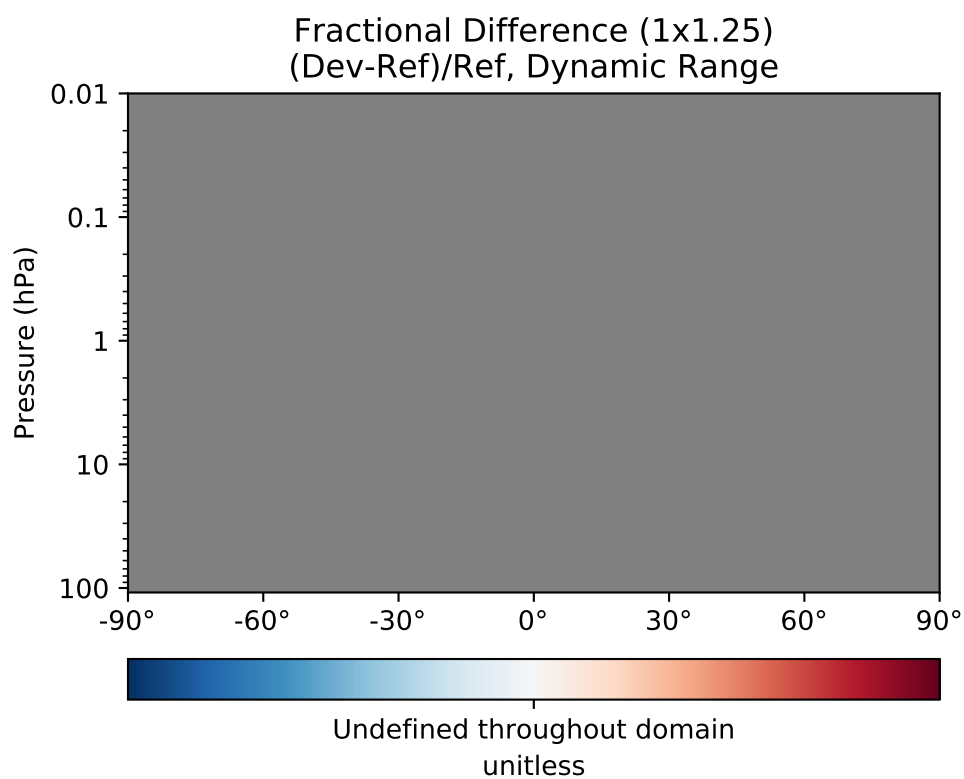
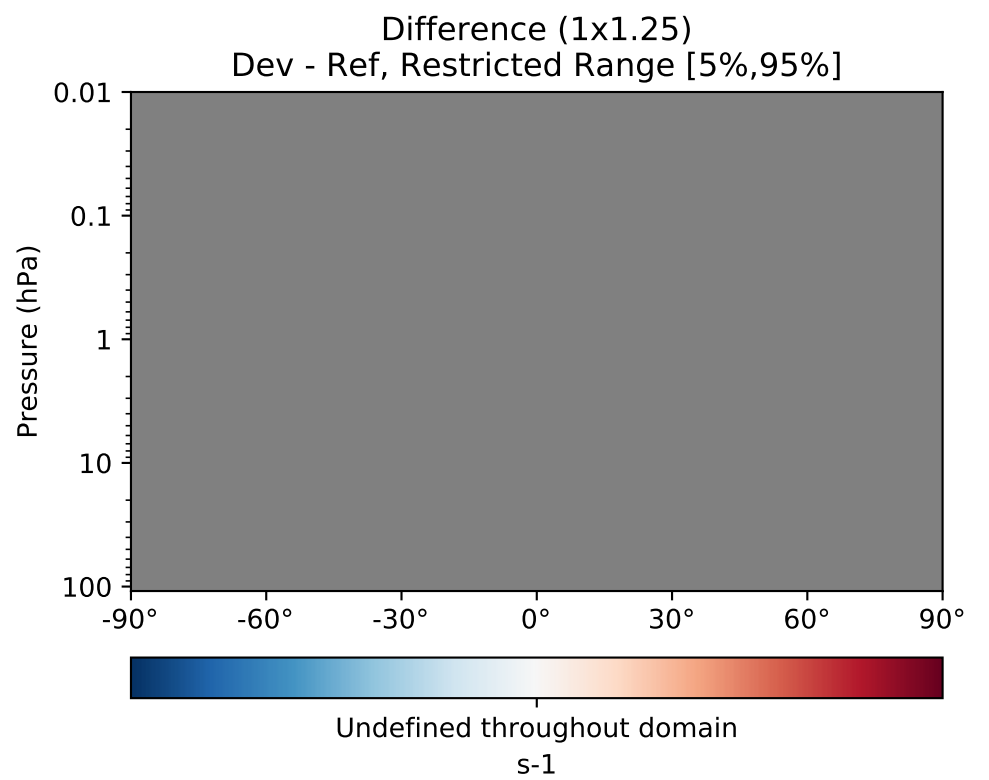
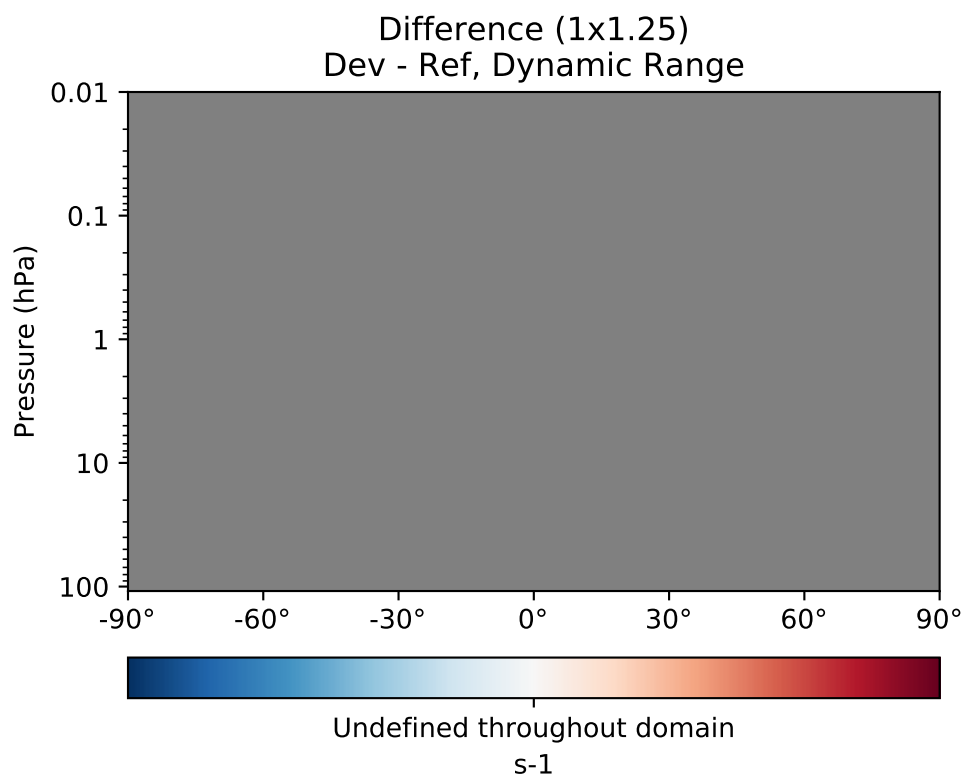
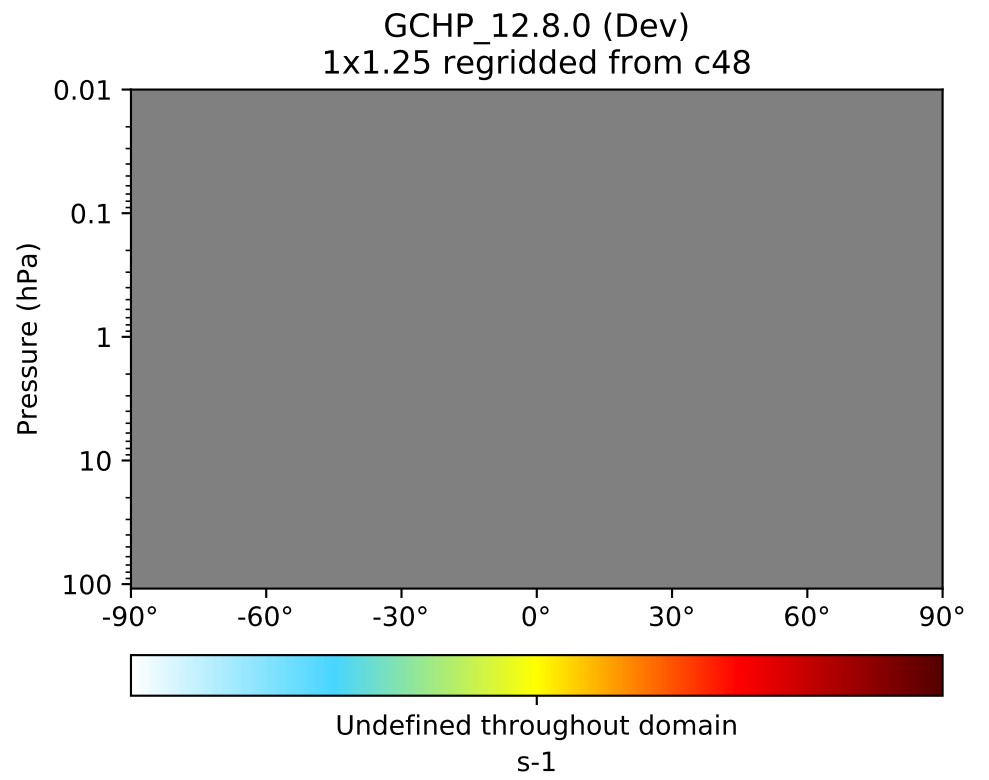
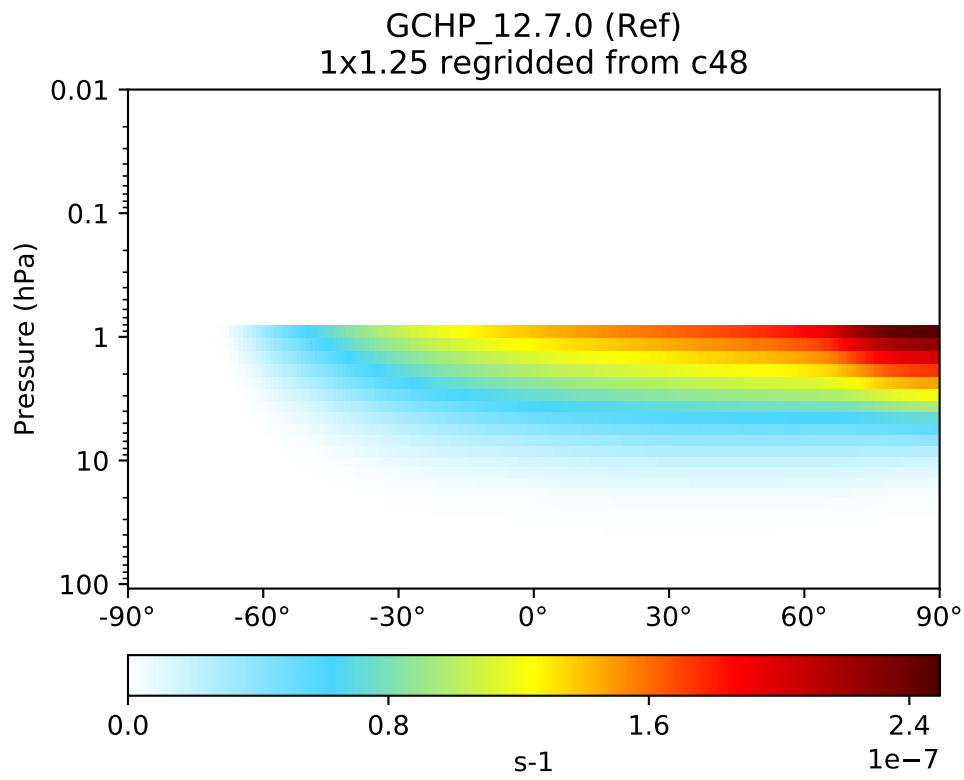
Jval_CH3CCl3, Zonal Mean



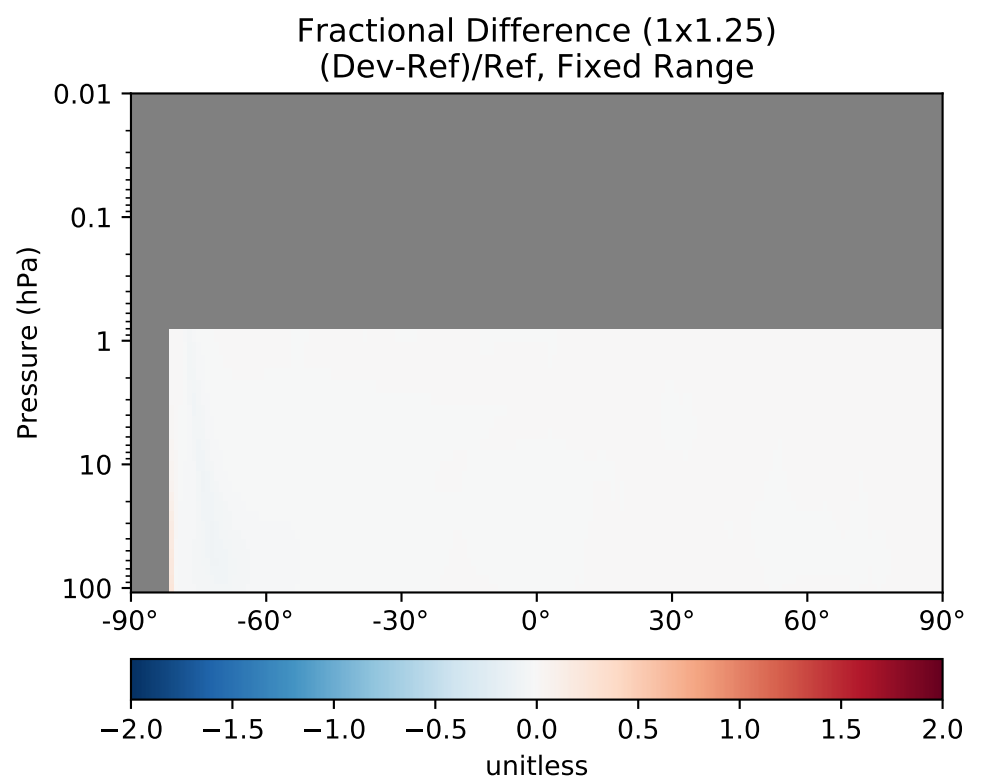
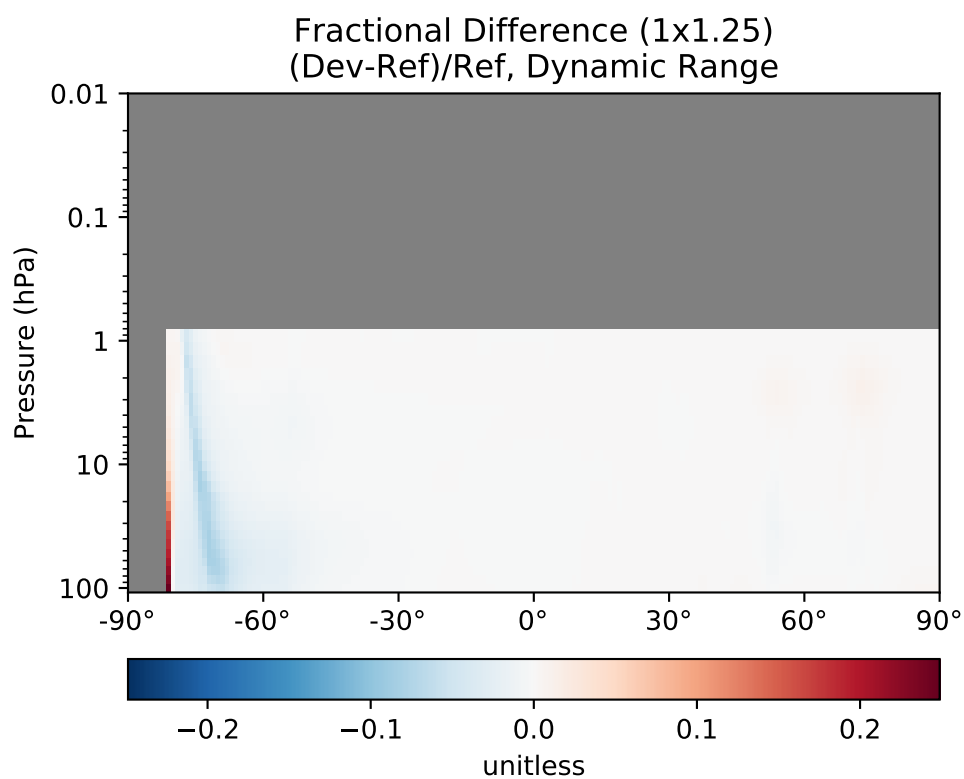
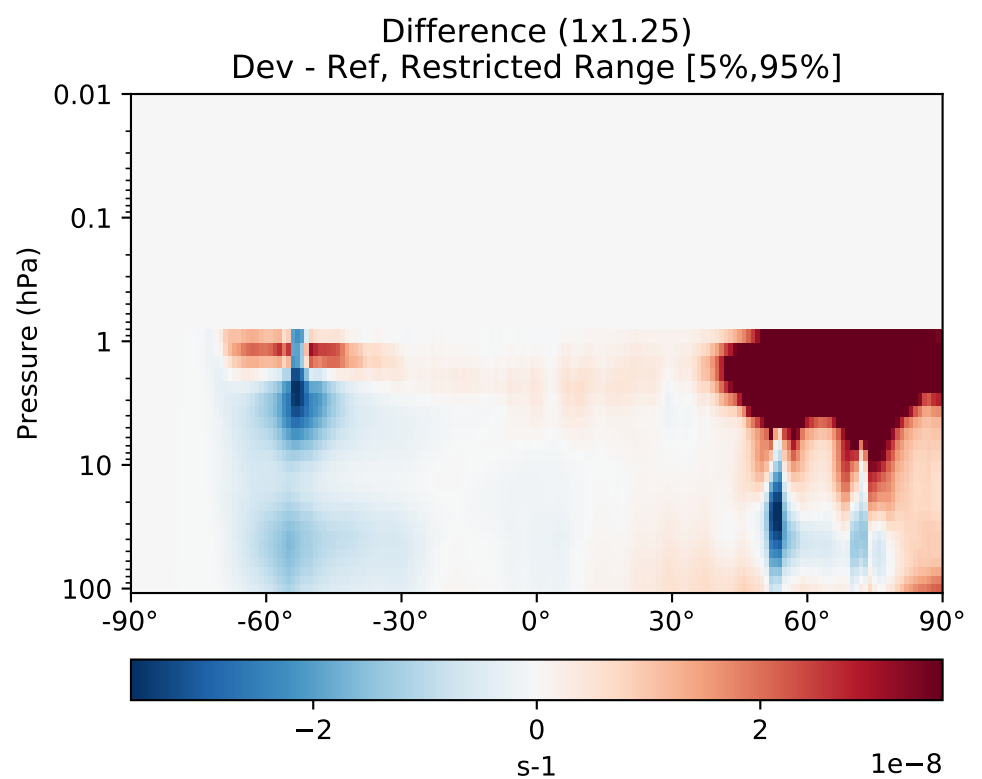
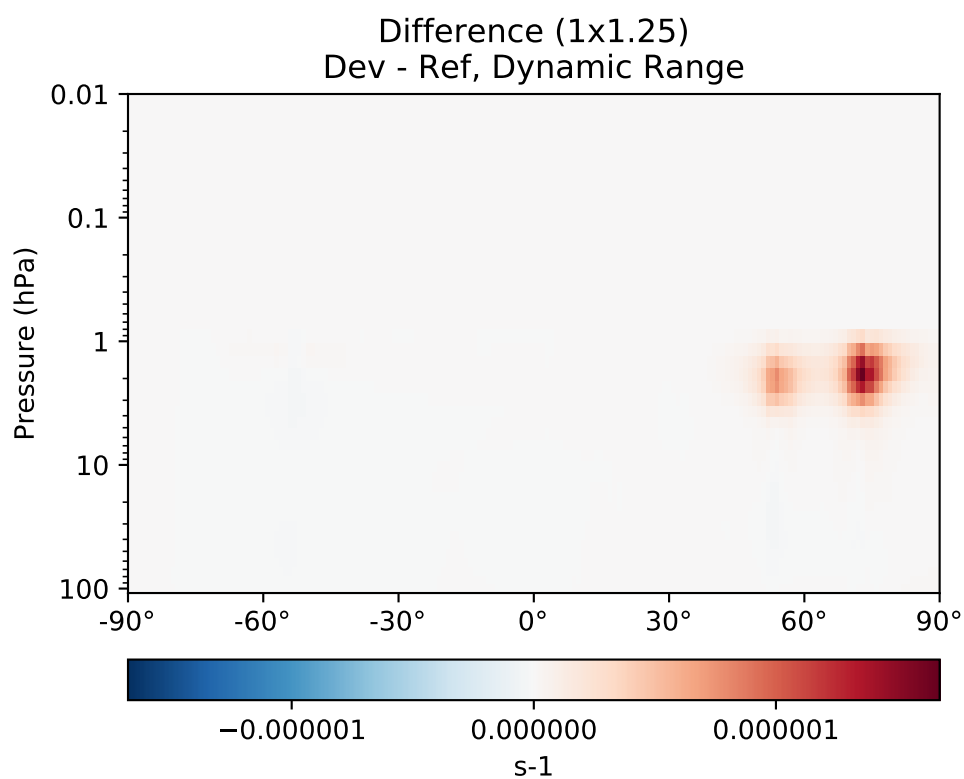
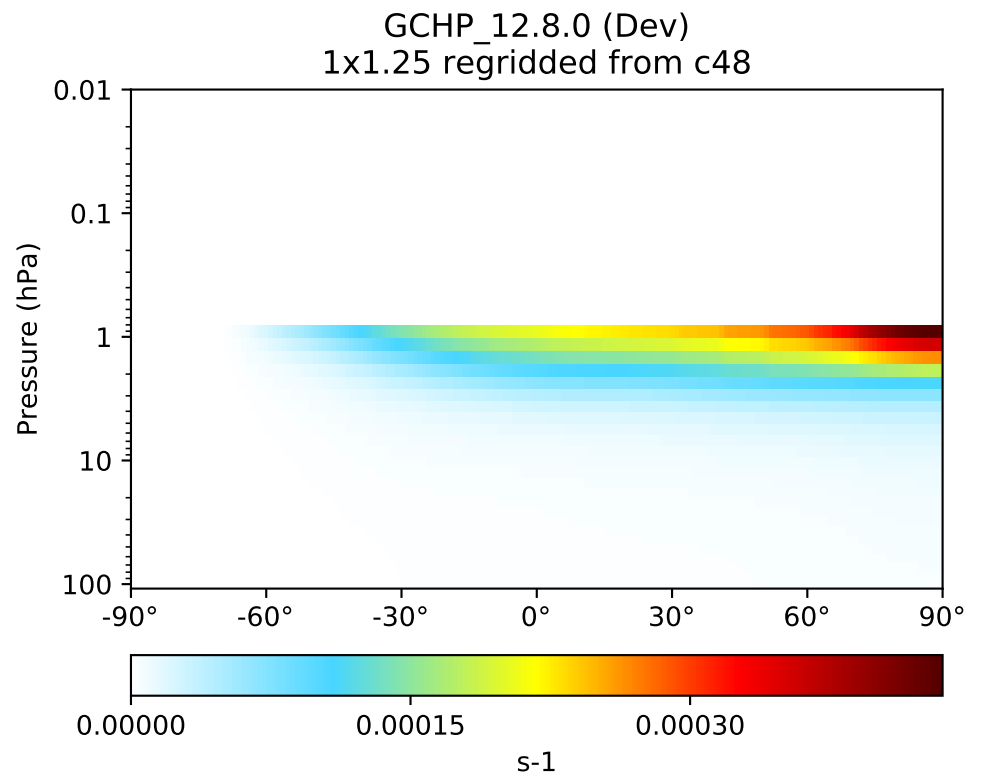
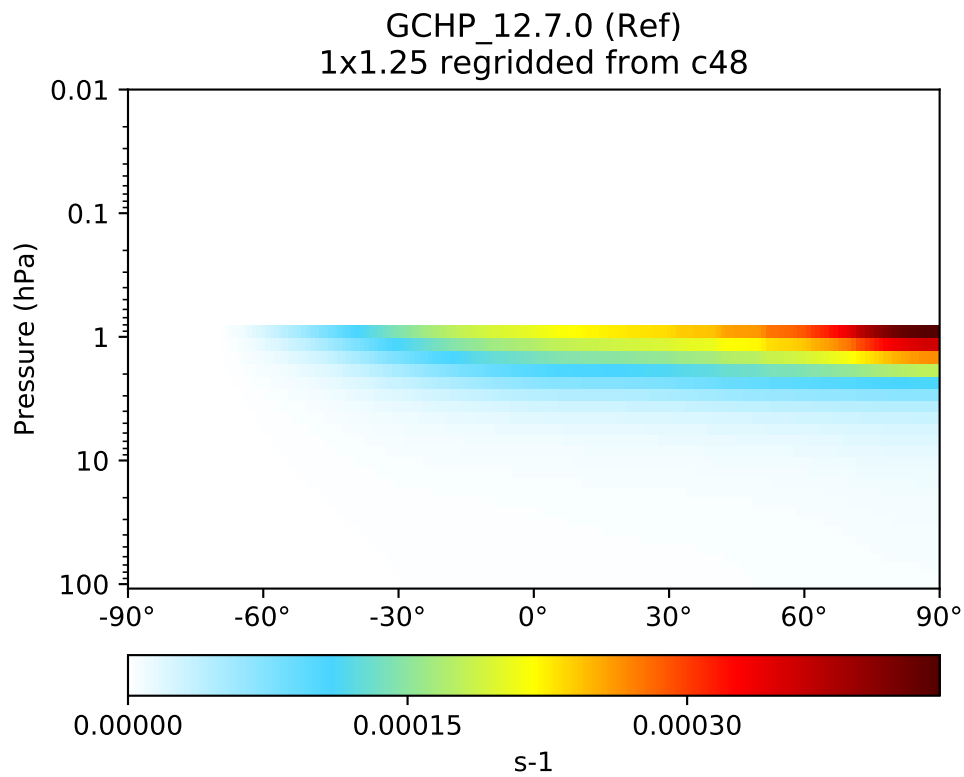
Jval_CH3CL, Zonal Mean



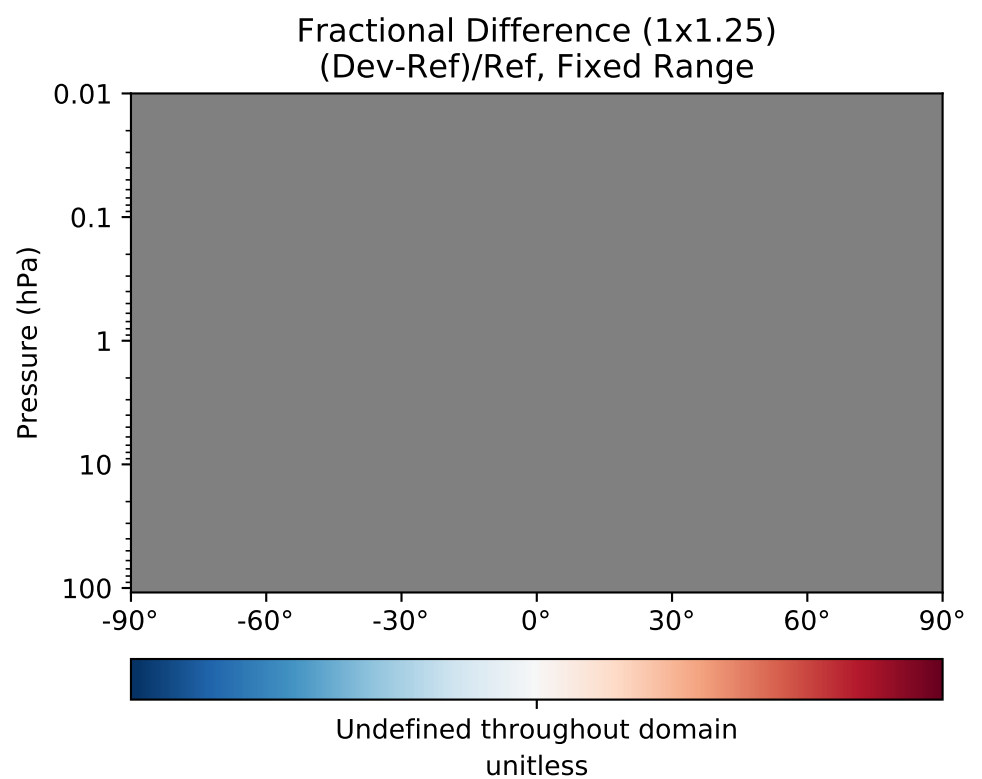
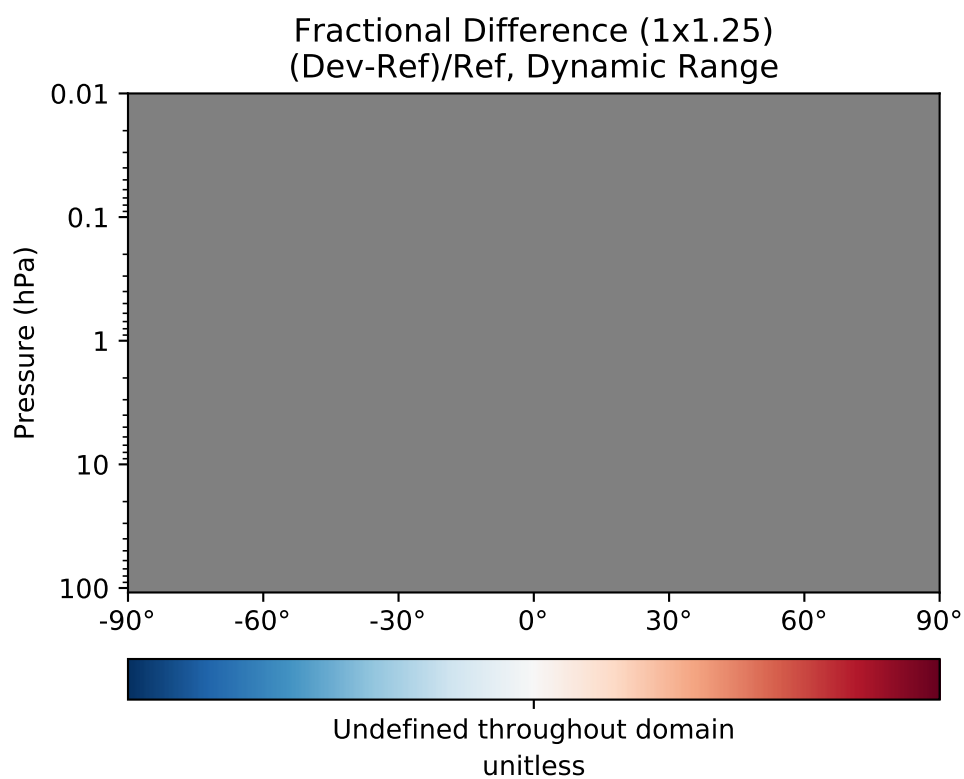
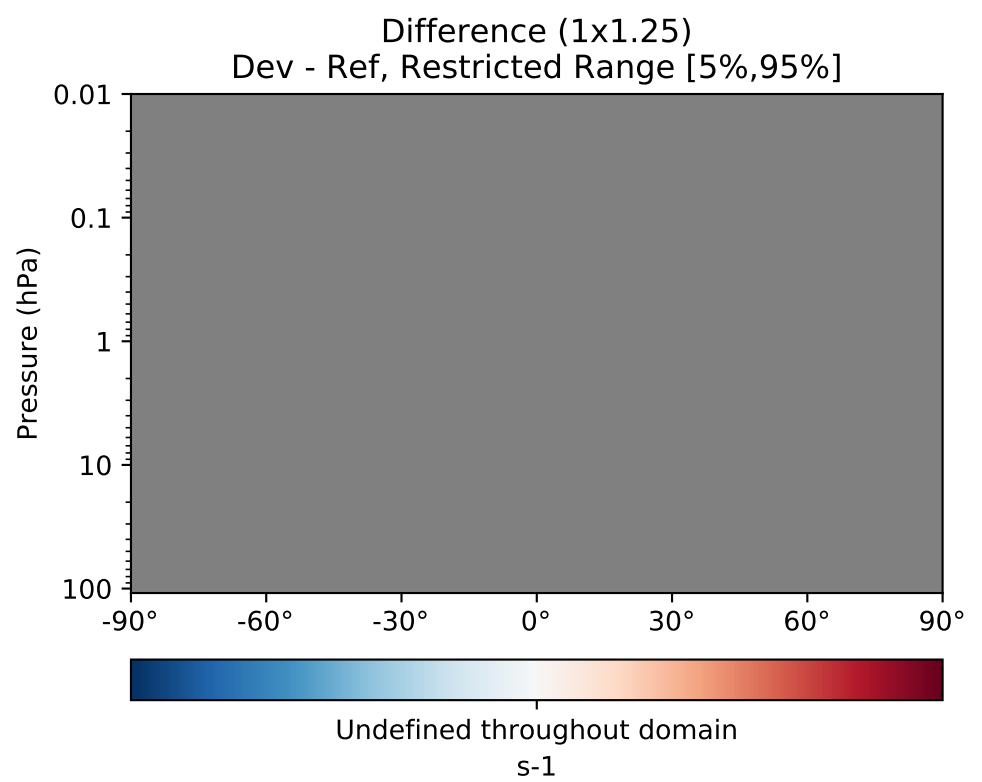
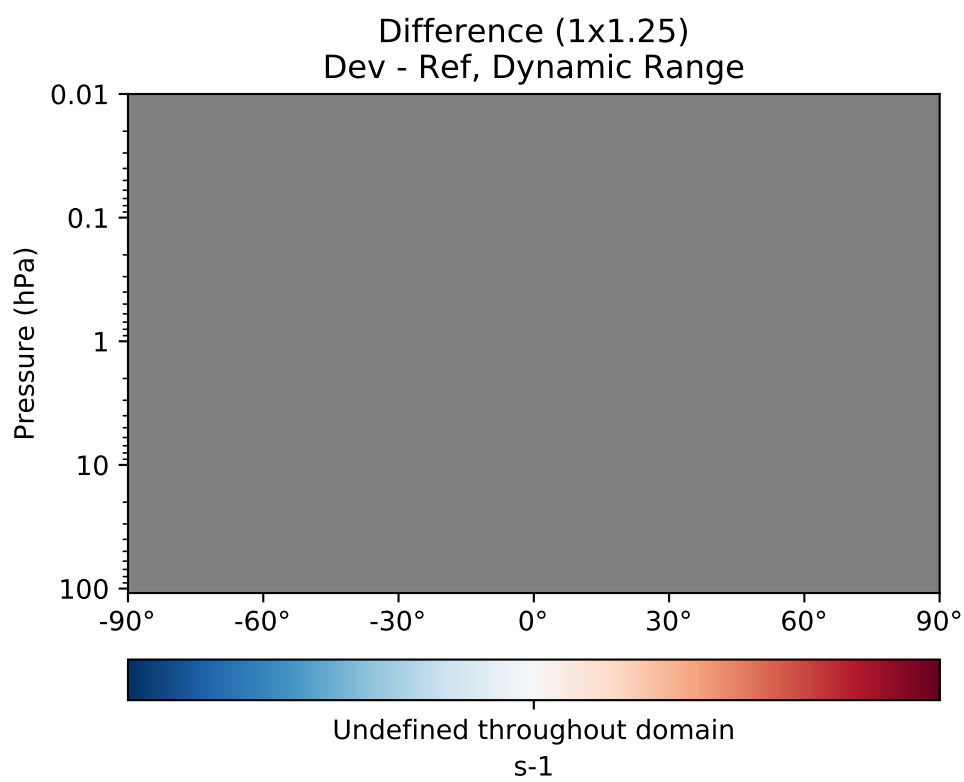
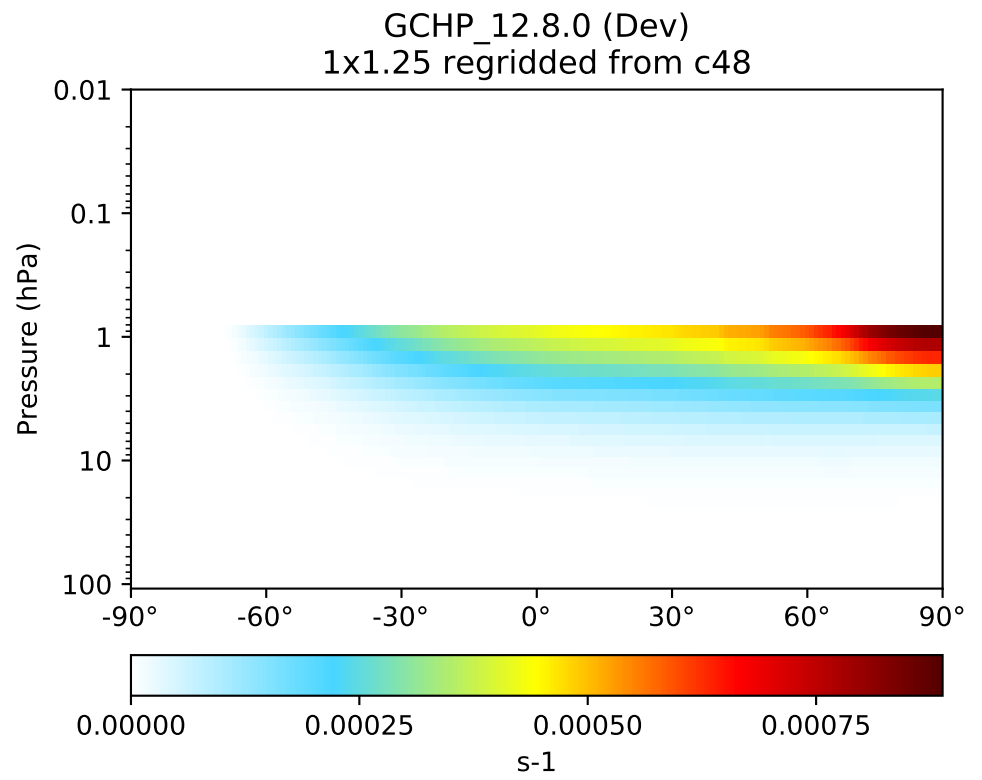
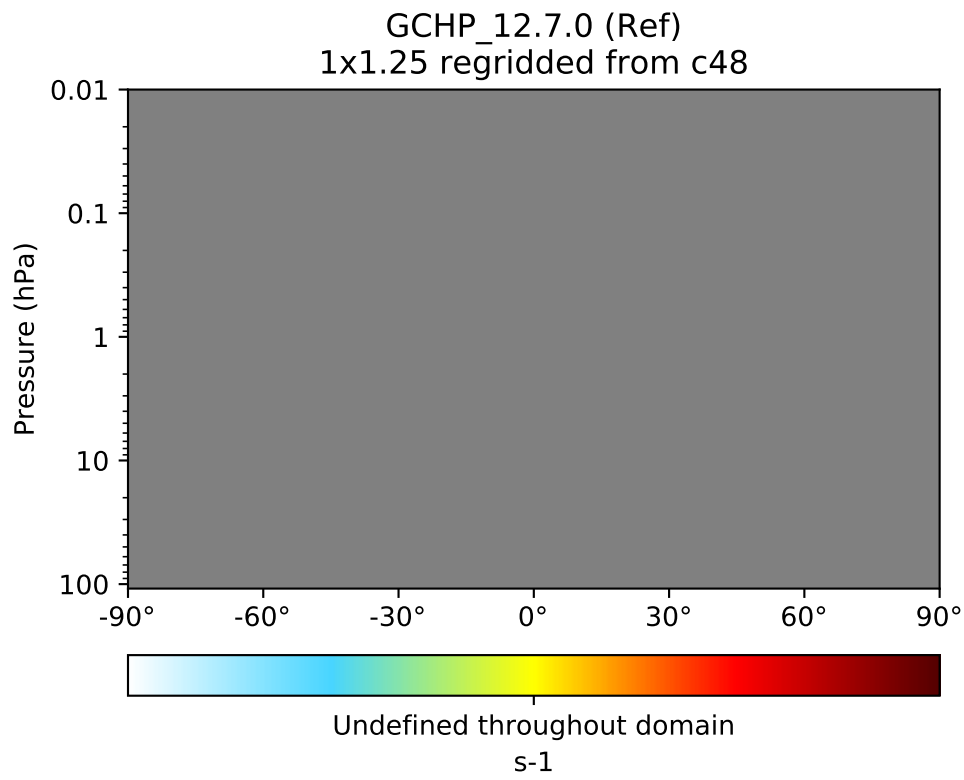
Jval_CH3Cl, Zonal Mean



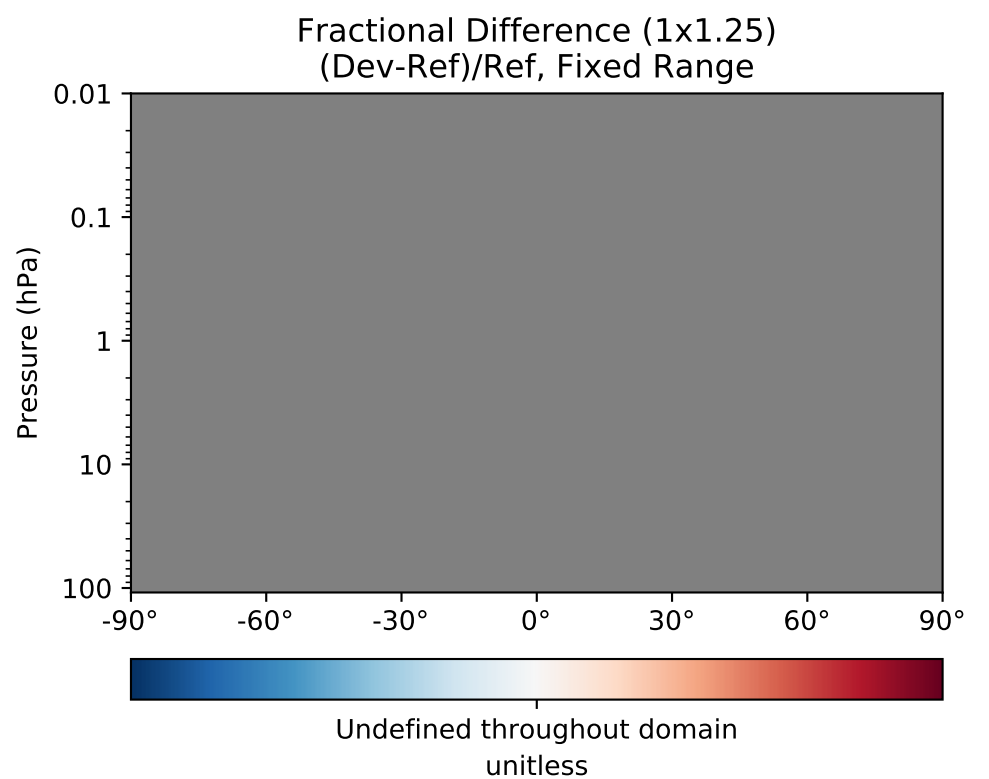
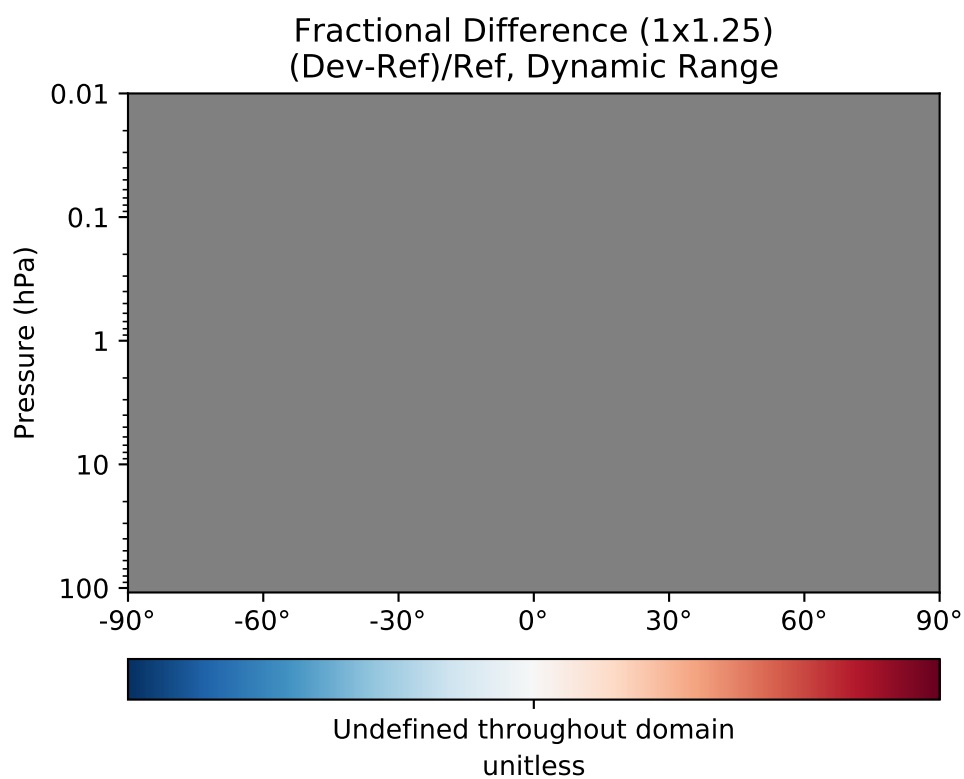
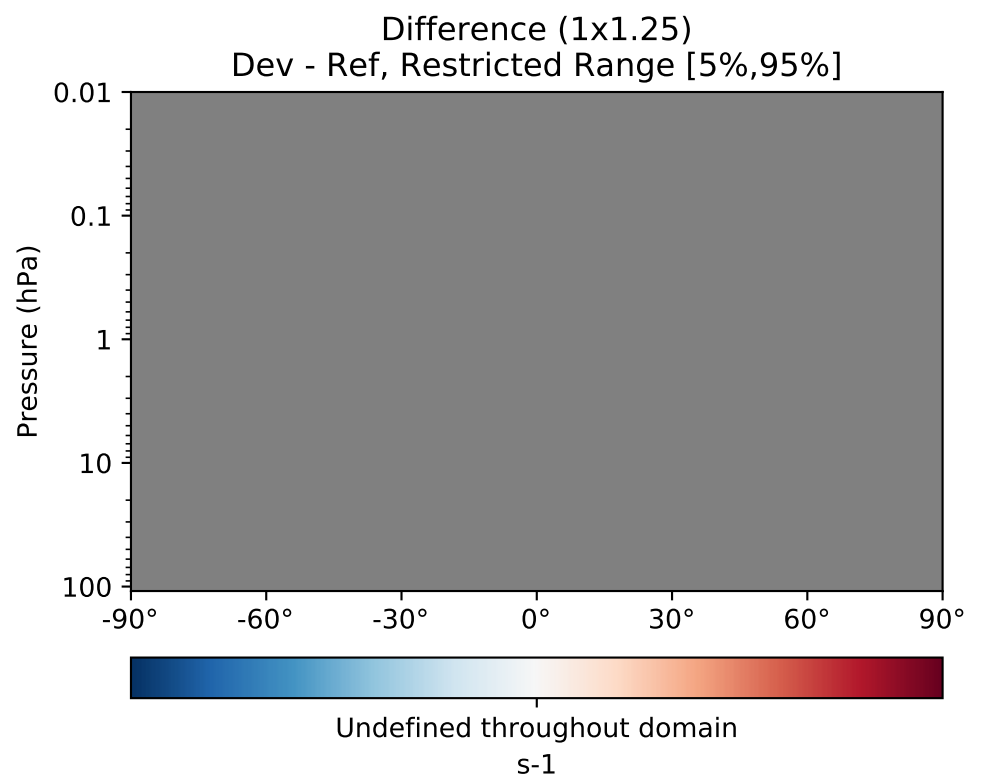
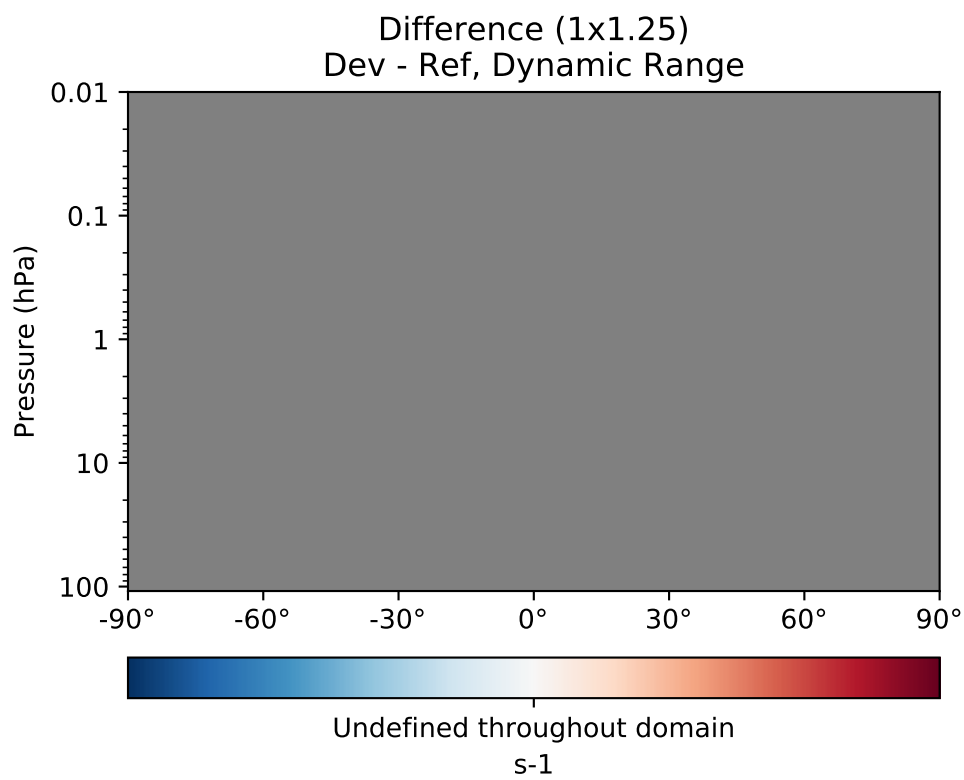
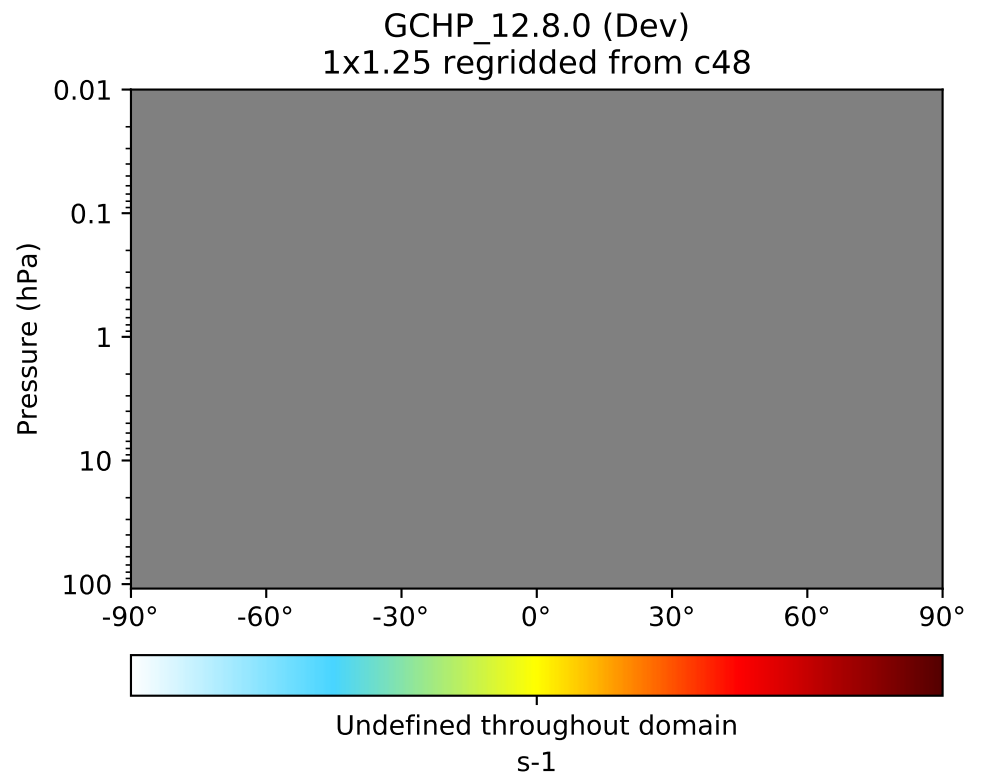
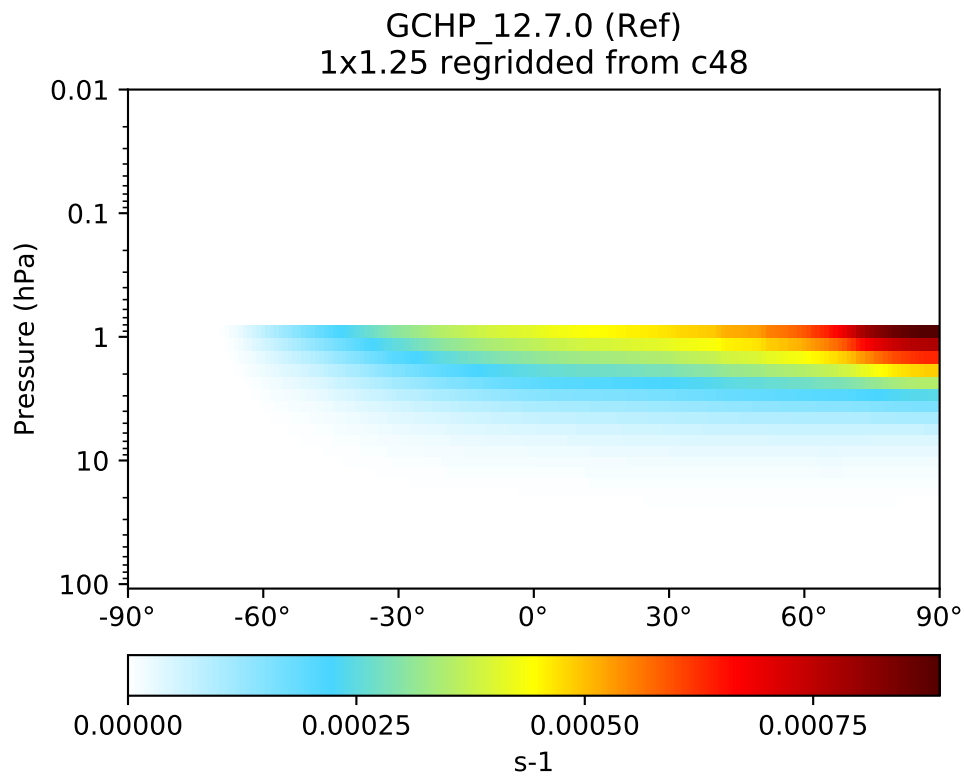
Jval_CH3I, Zonal Mean



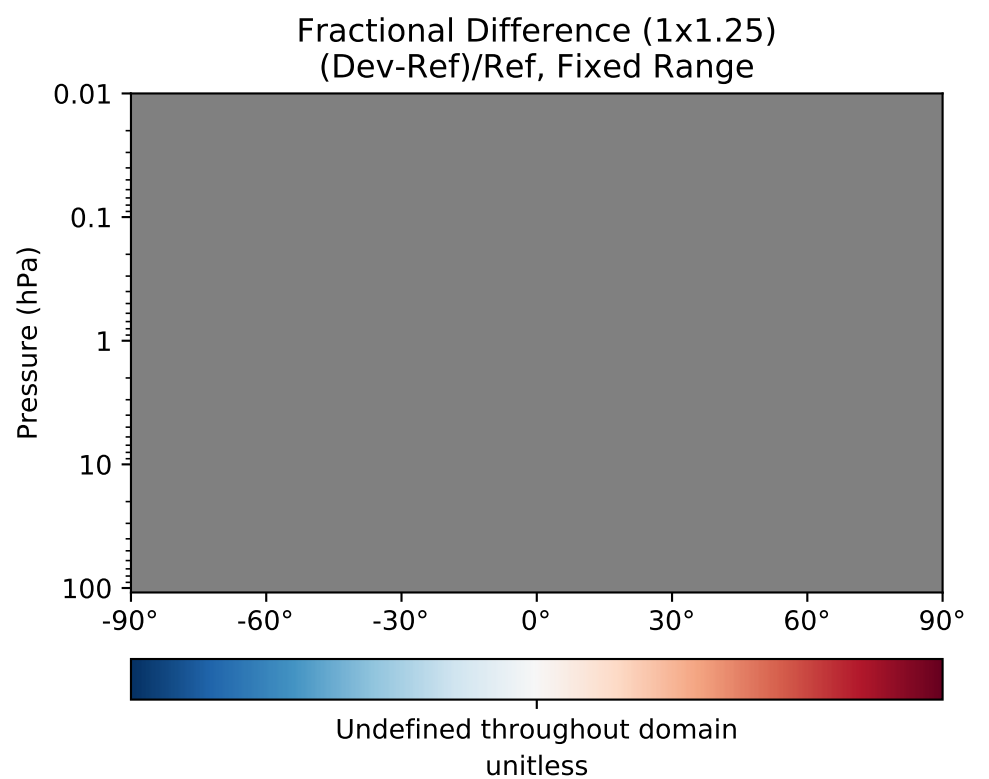
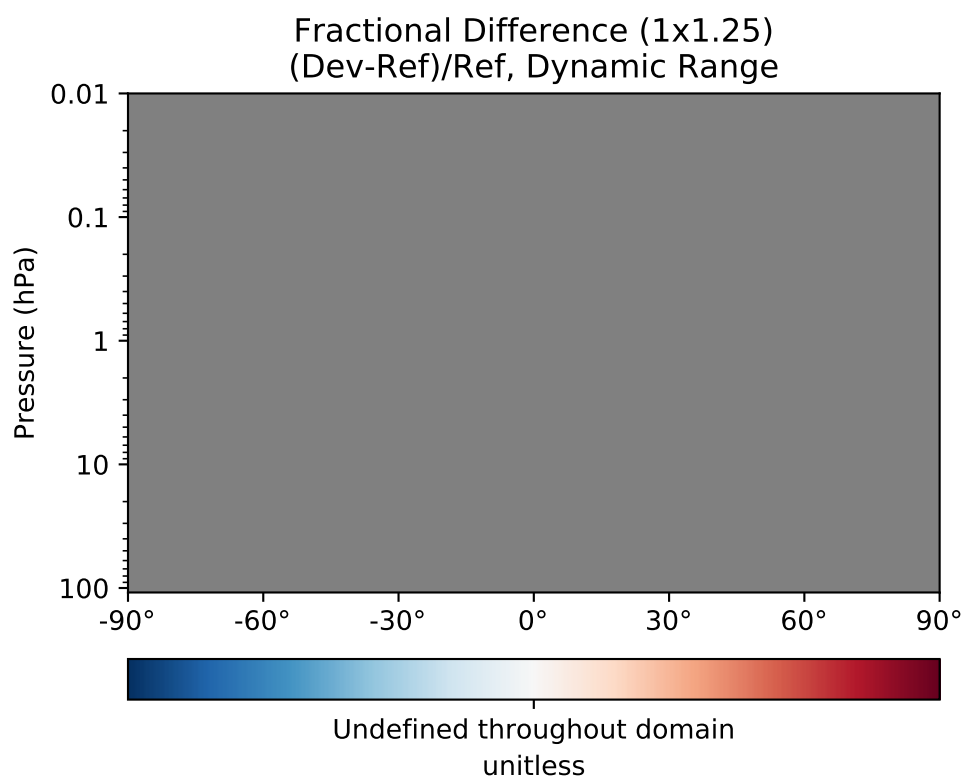
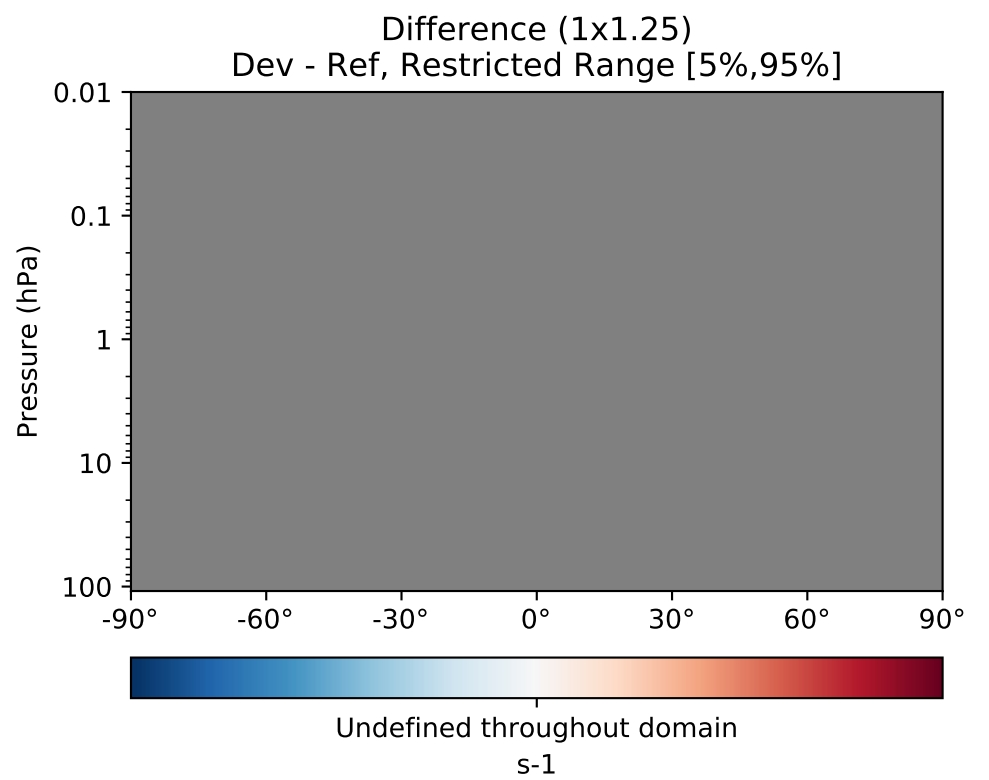
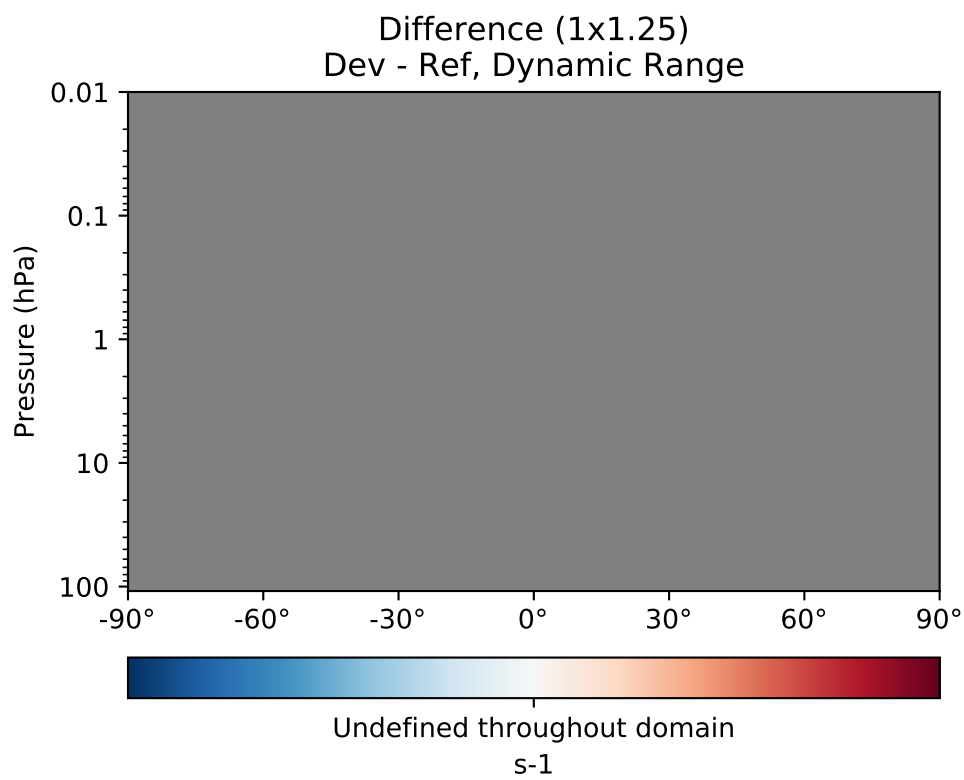
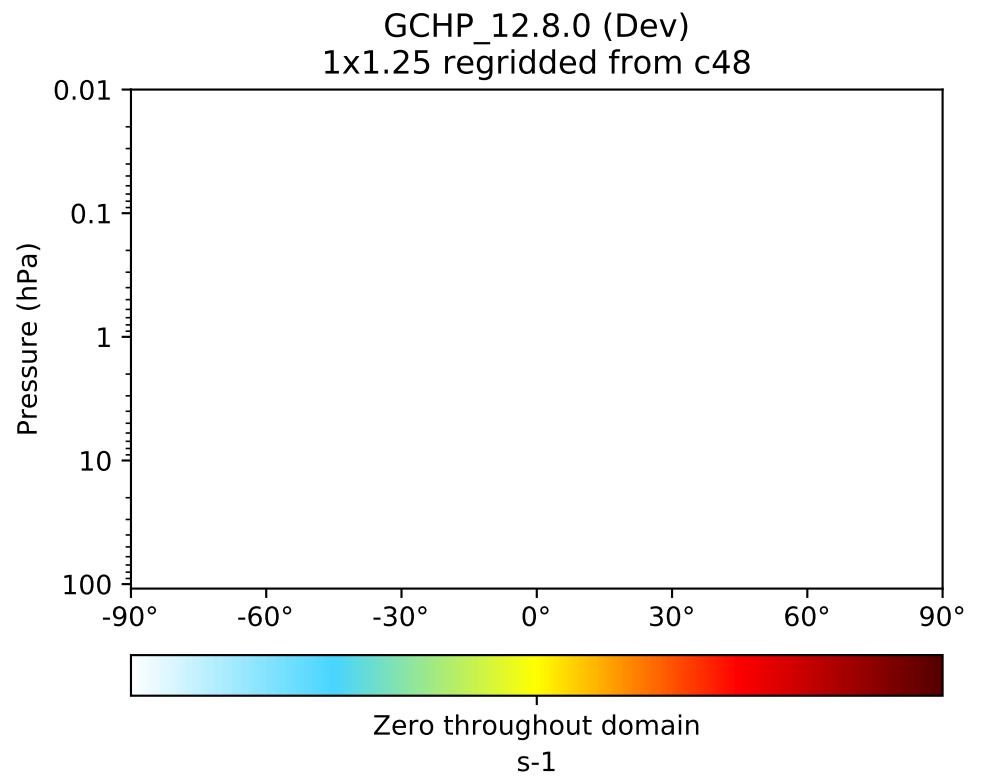
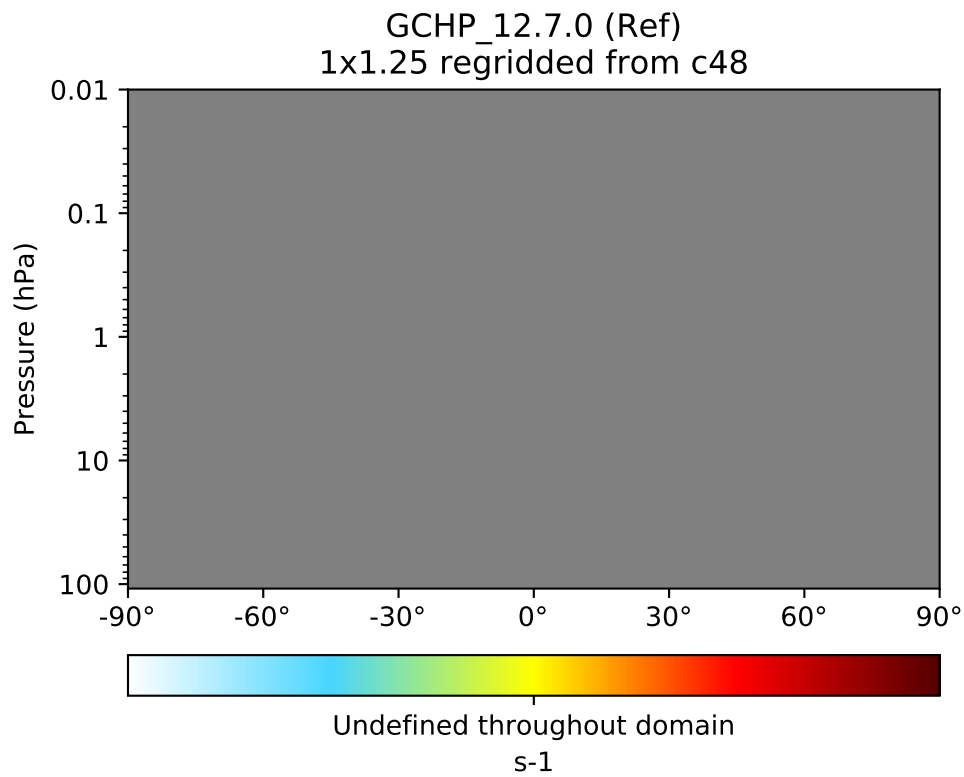
Jval_CHBR3, Zonal Mean



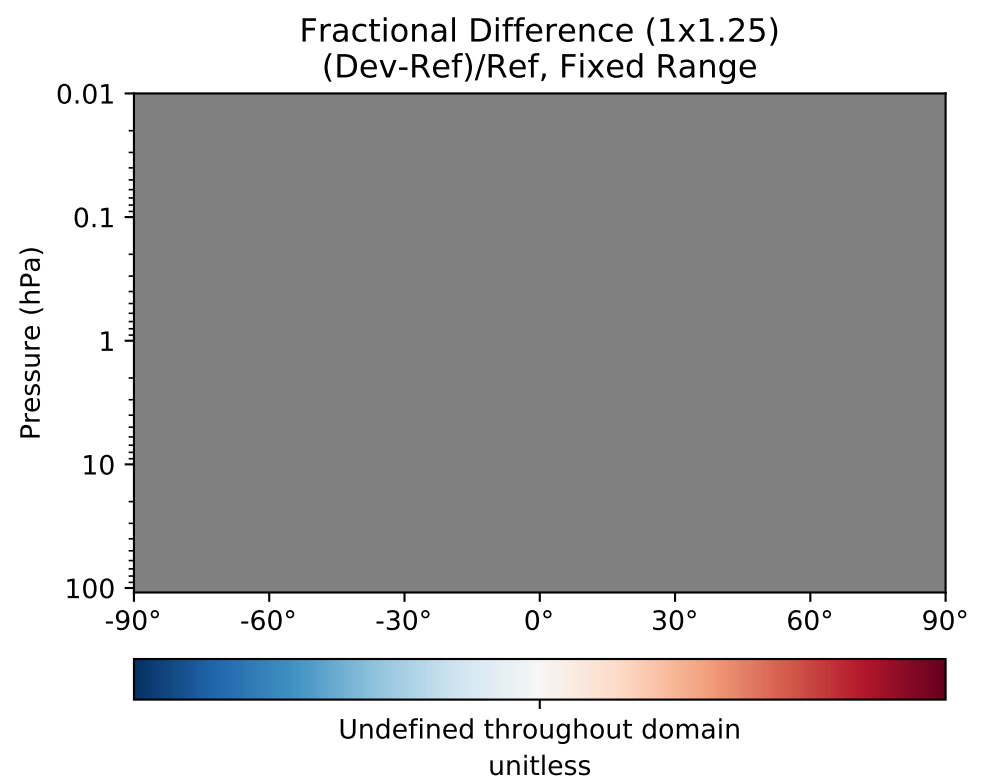
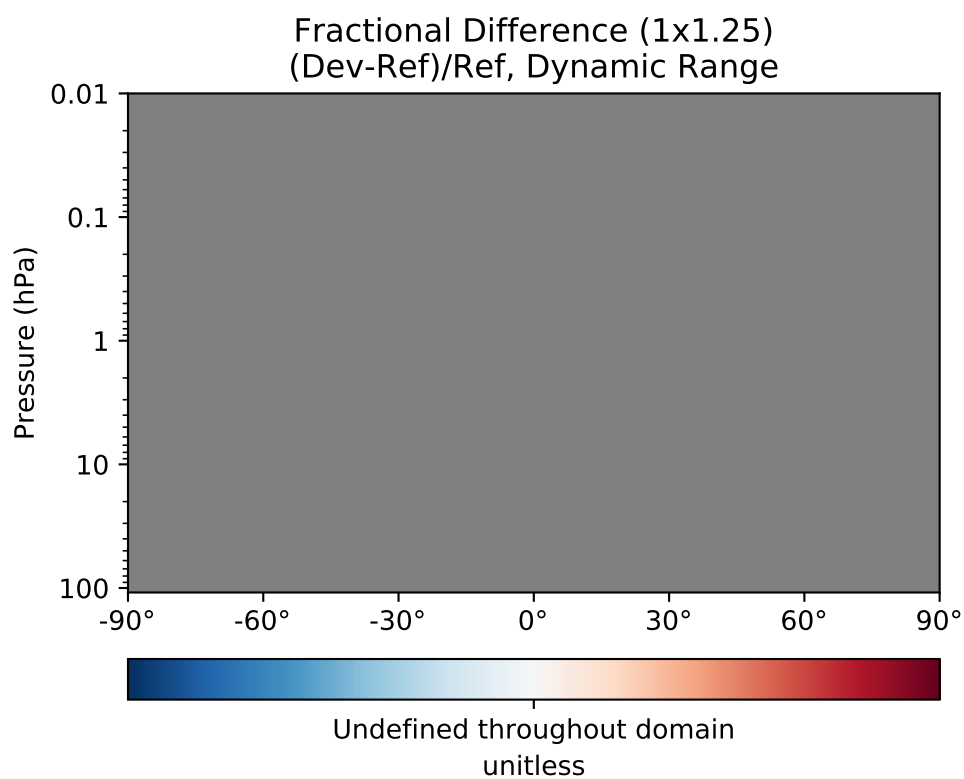
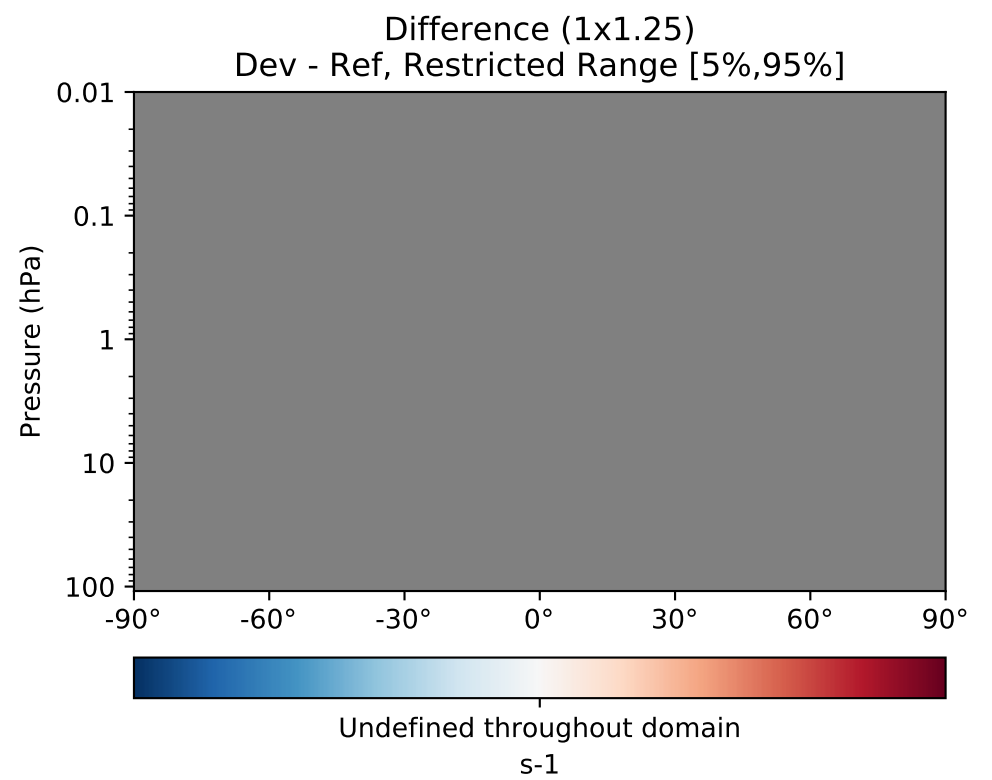
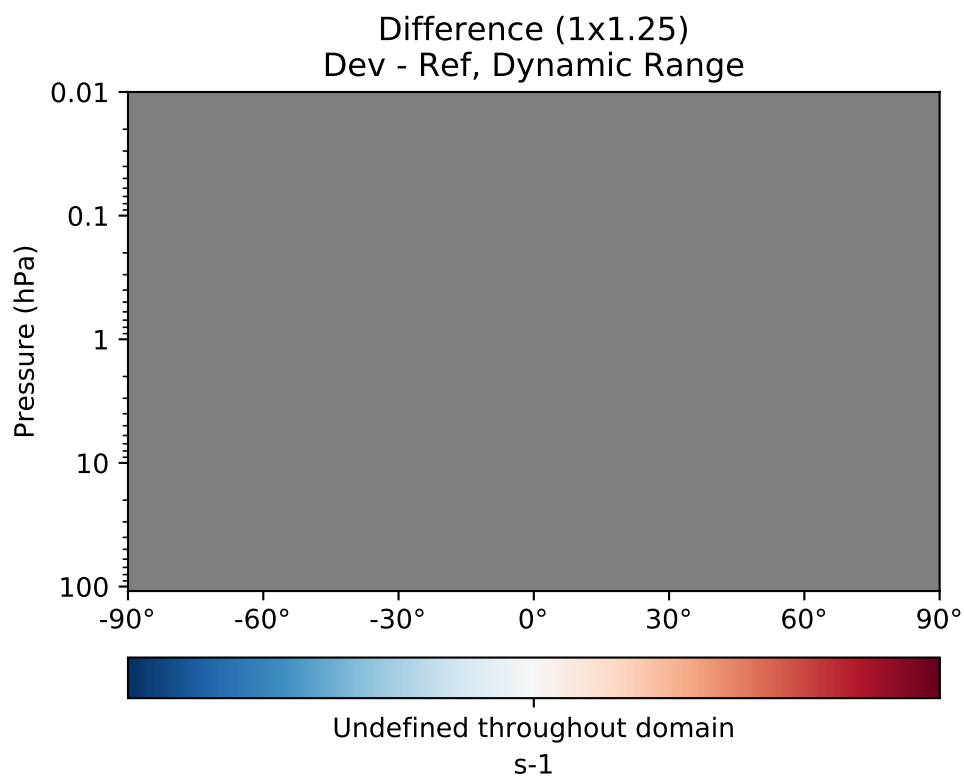
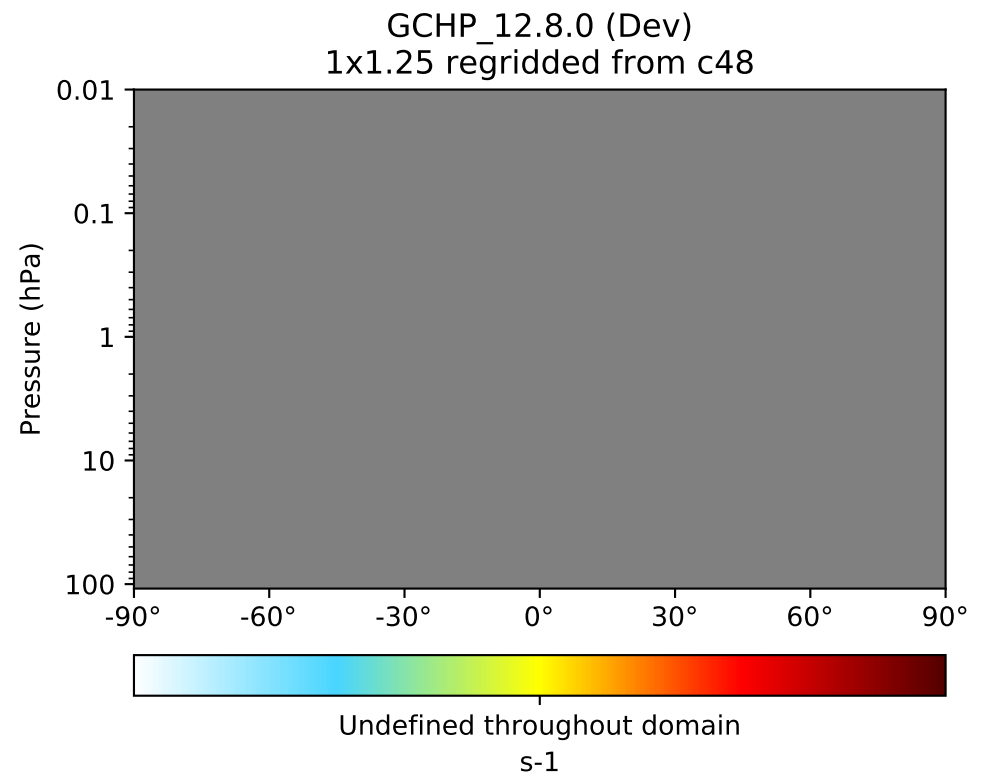
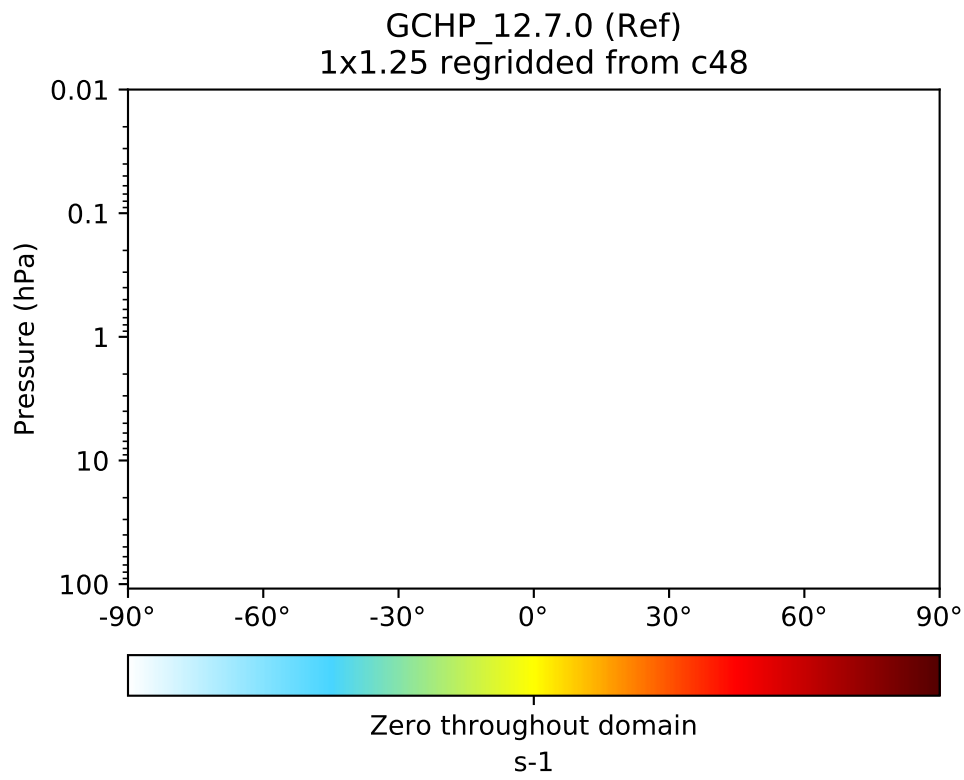
Jval_CHBr3, Zonal Mean



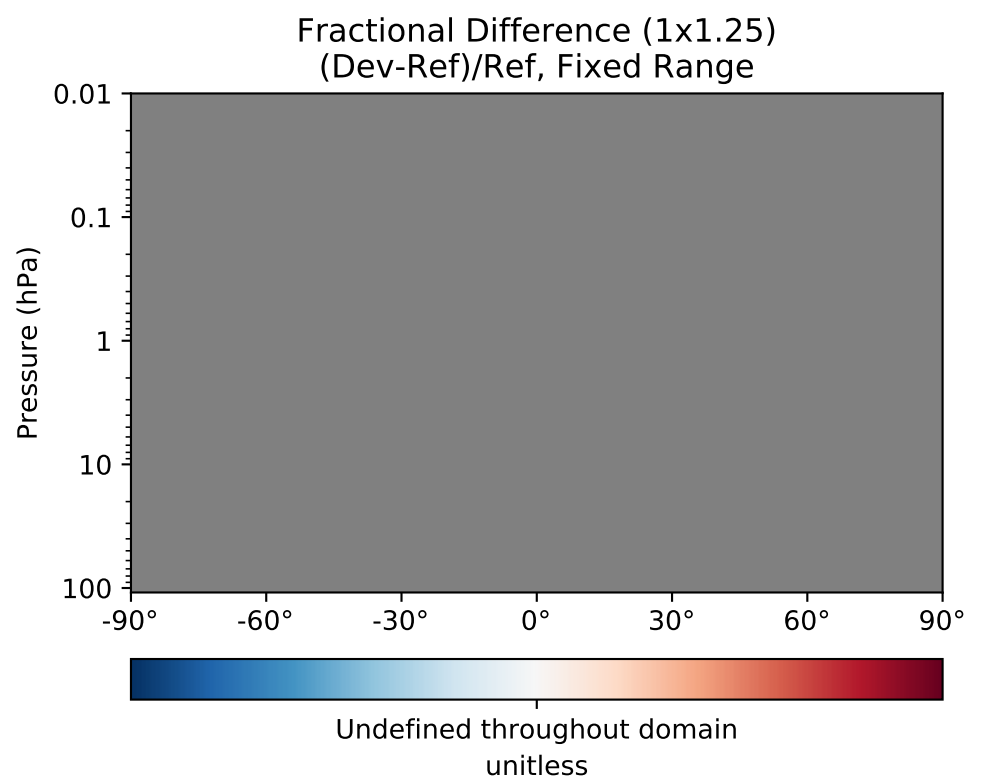
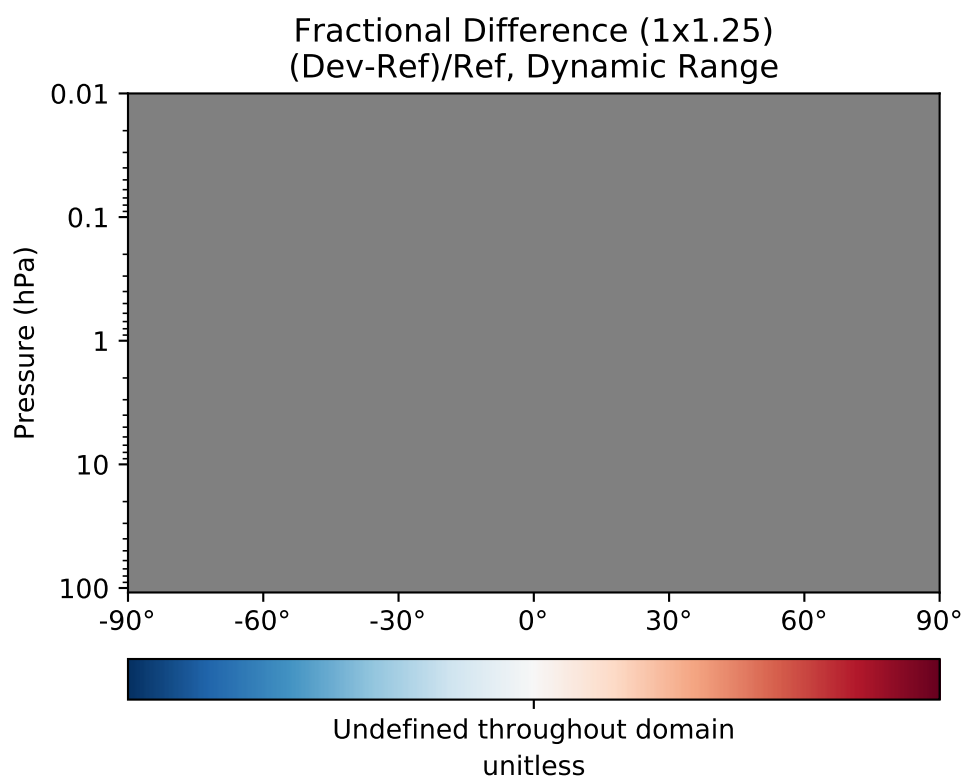
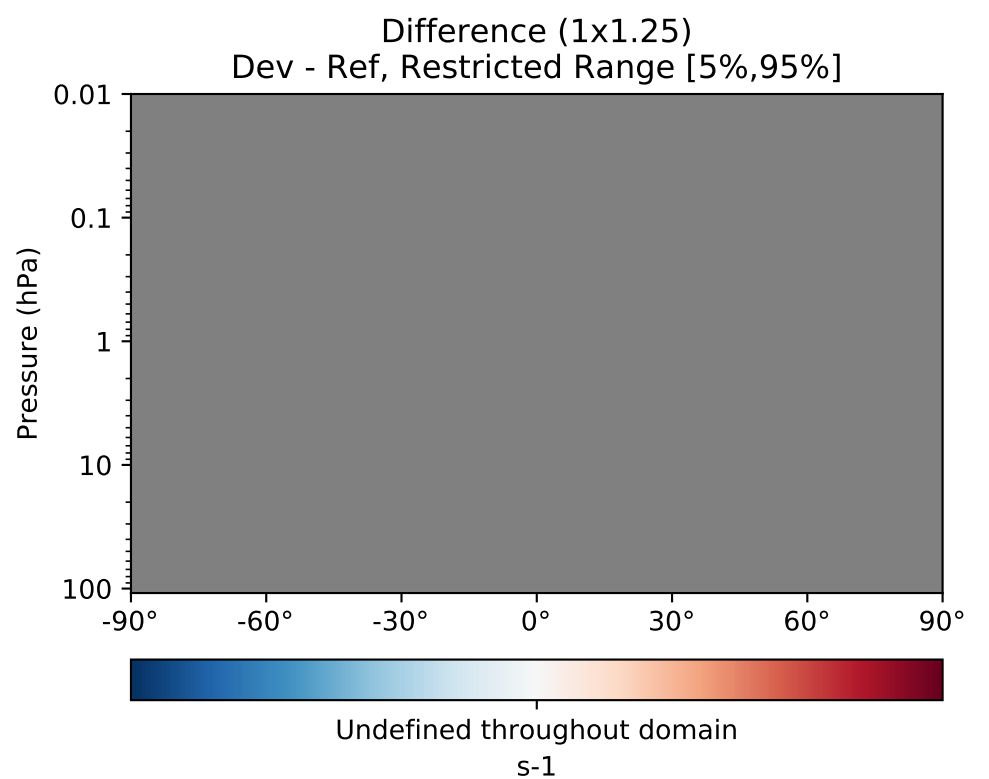
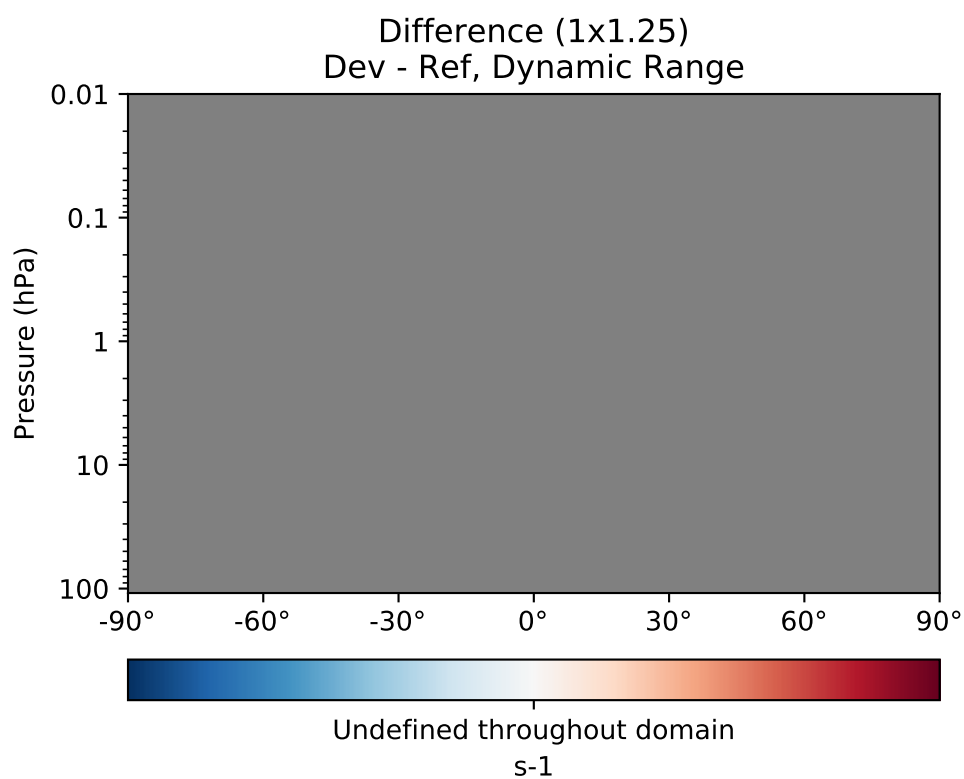
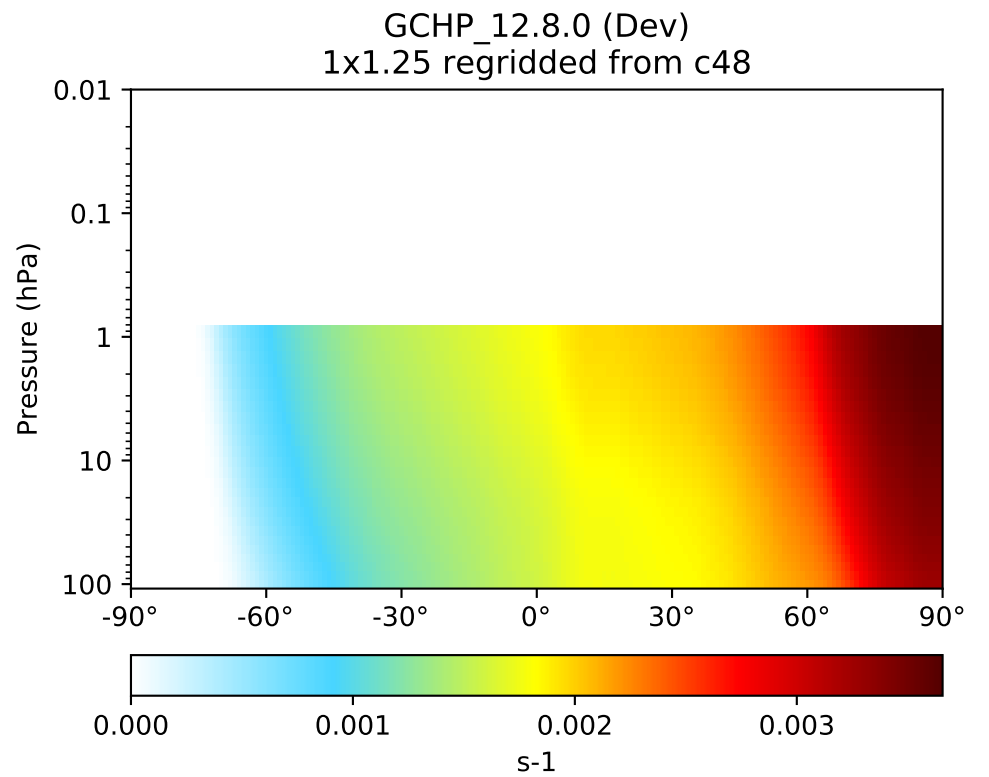
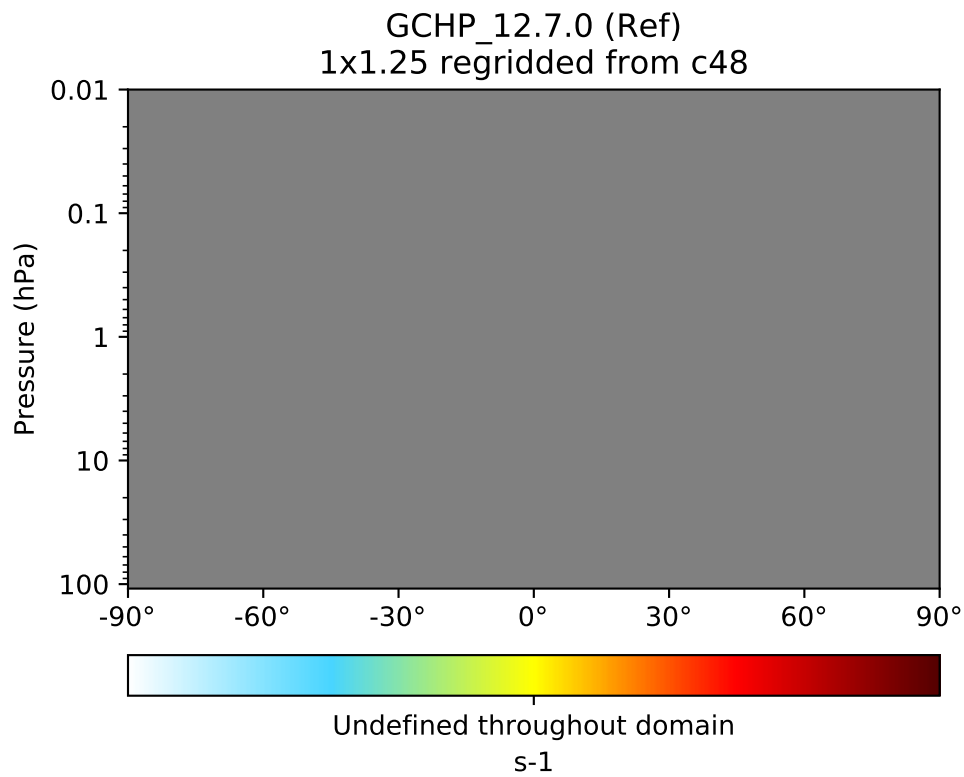
Jval_CHCL3, Zonal Mean



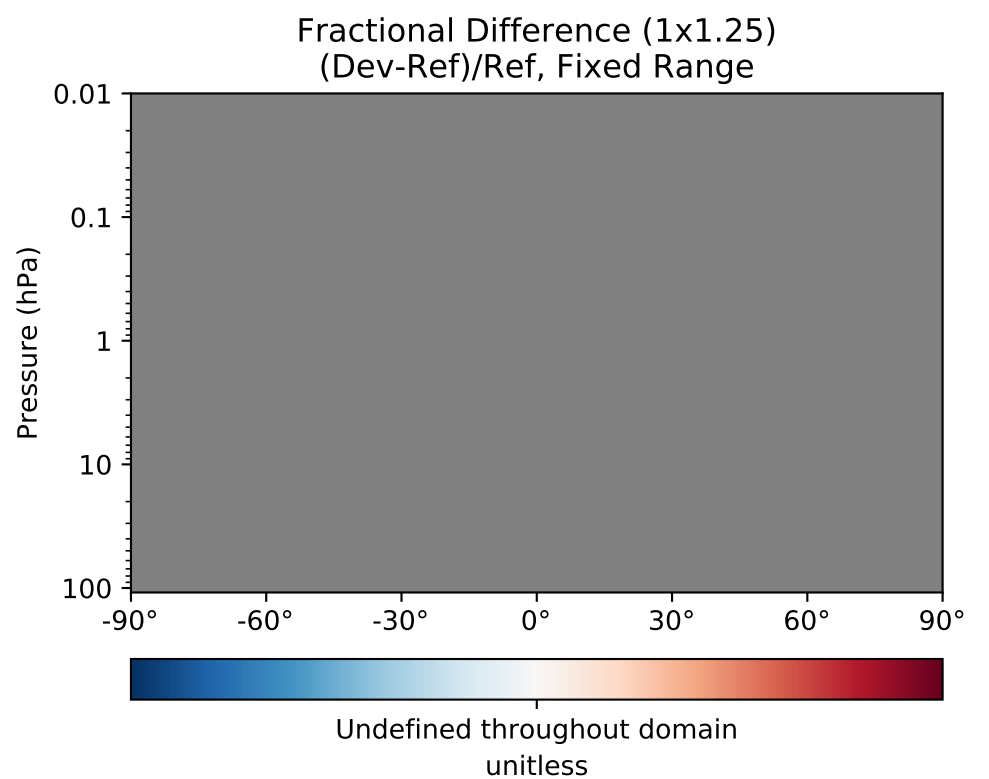
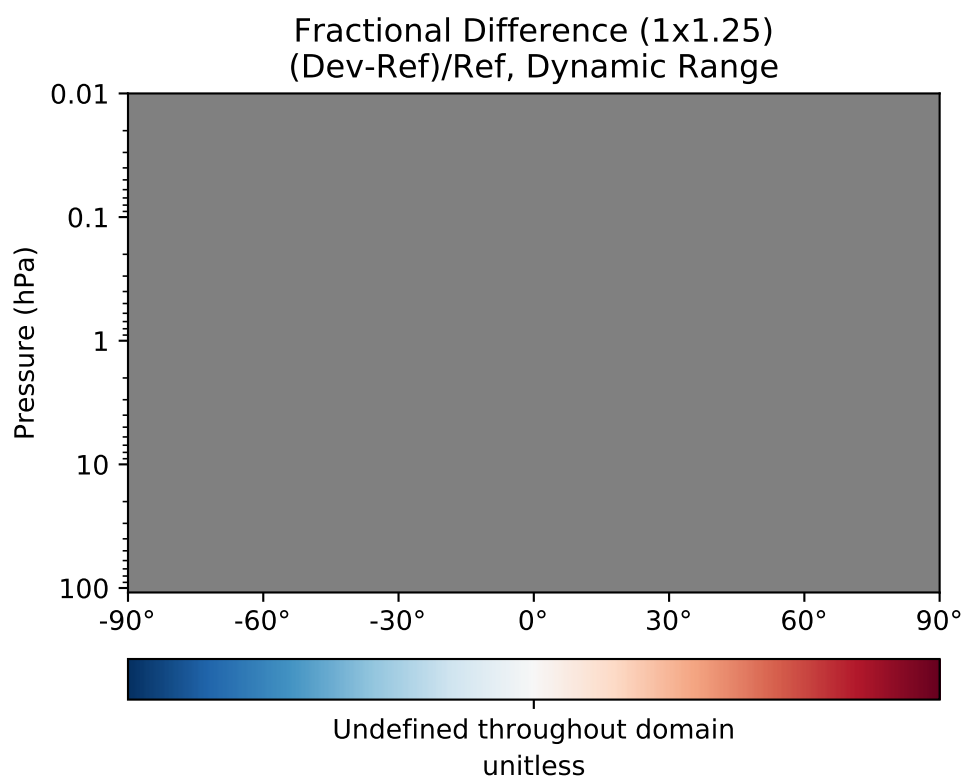
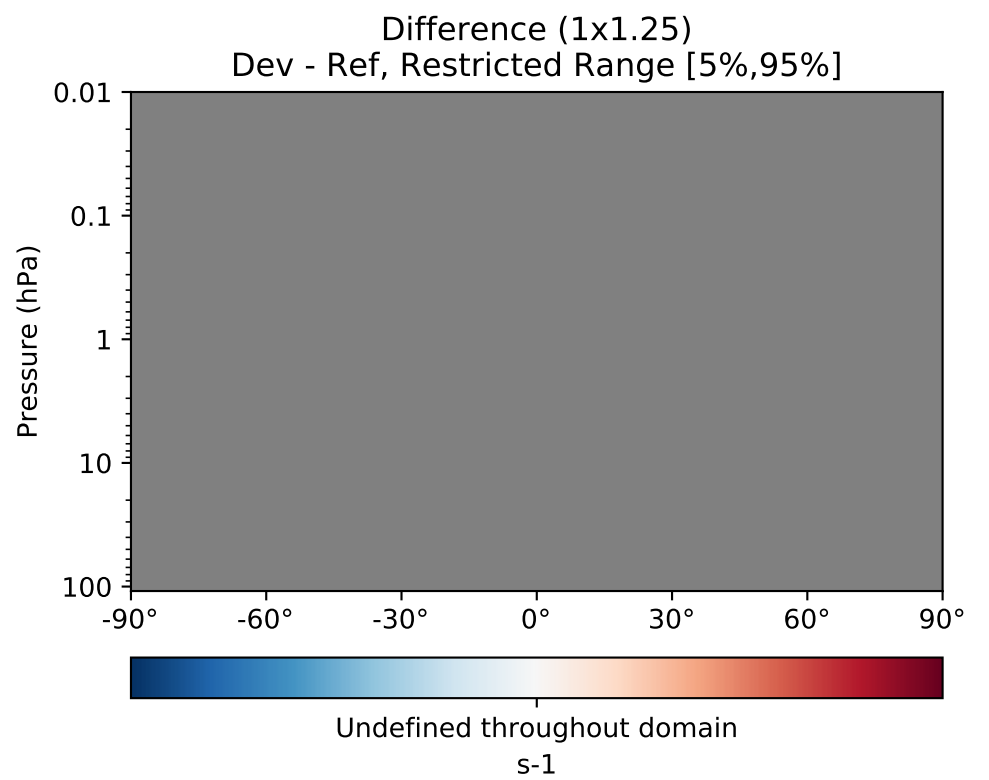
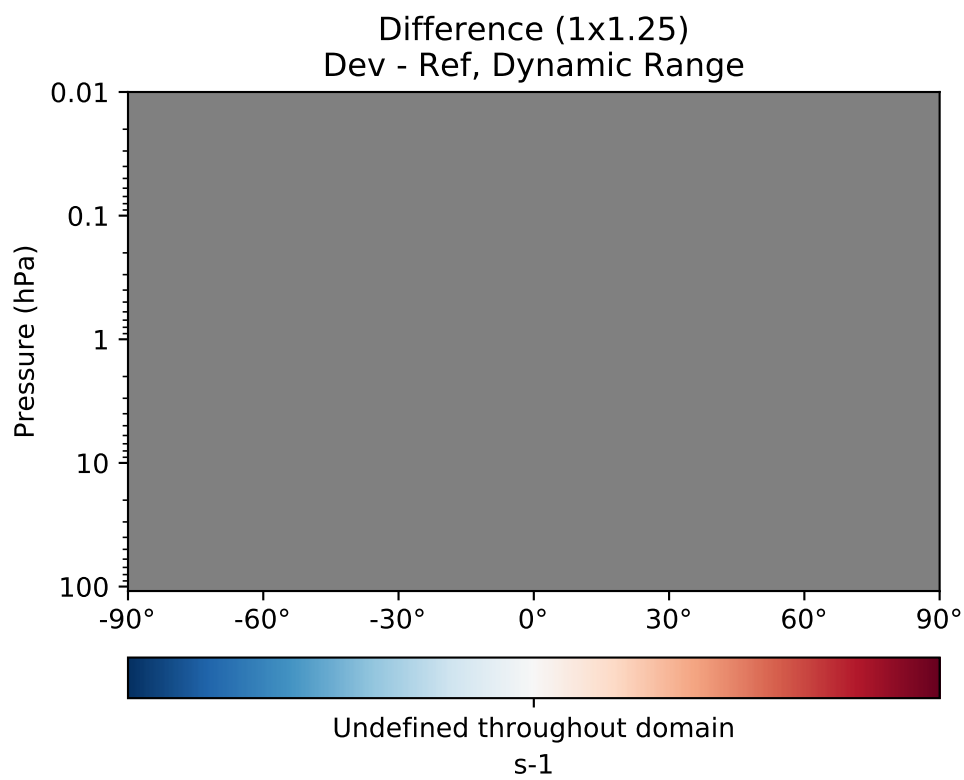
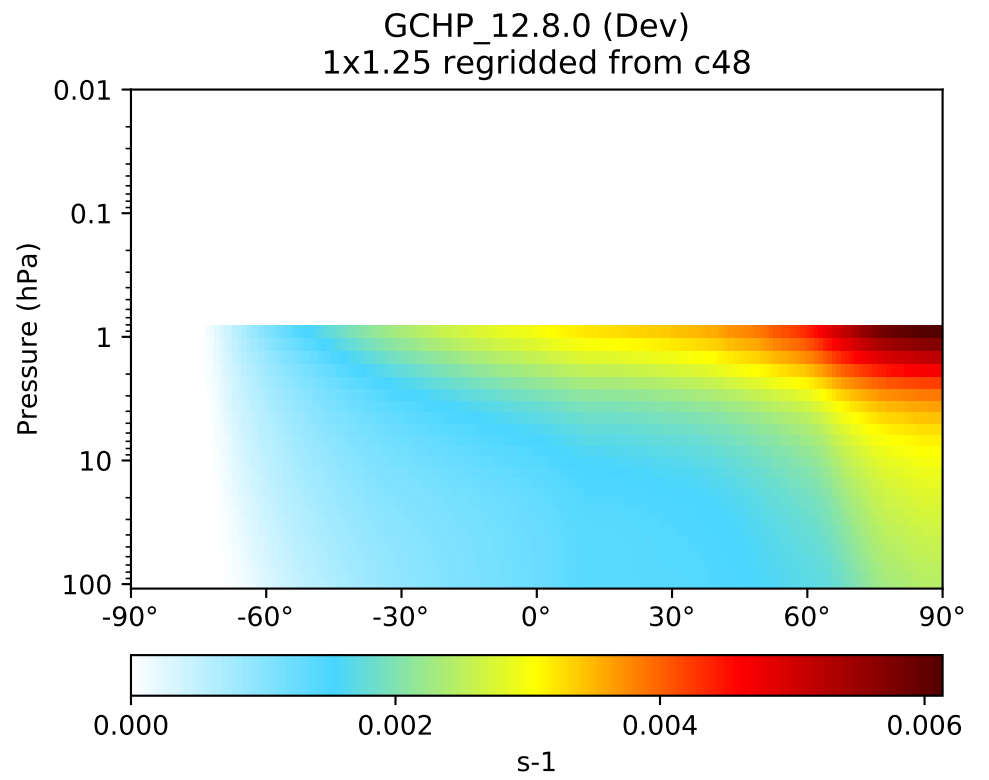
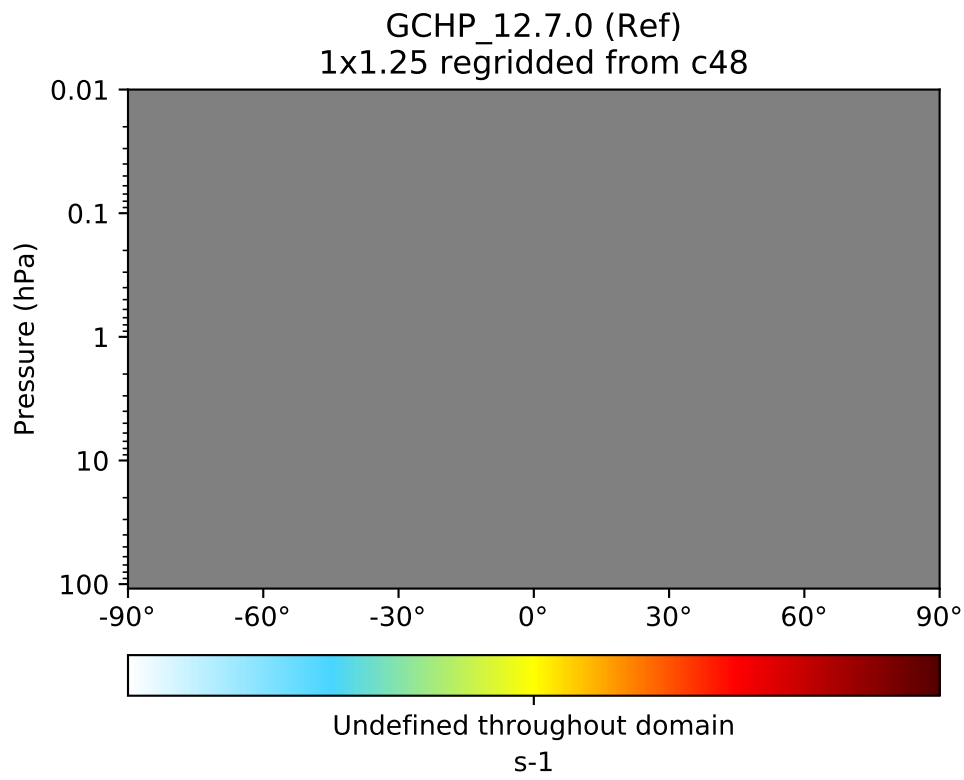
Jval_CHCl3, Zonal Mean



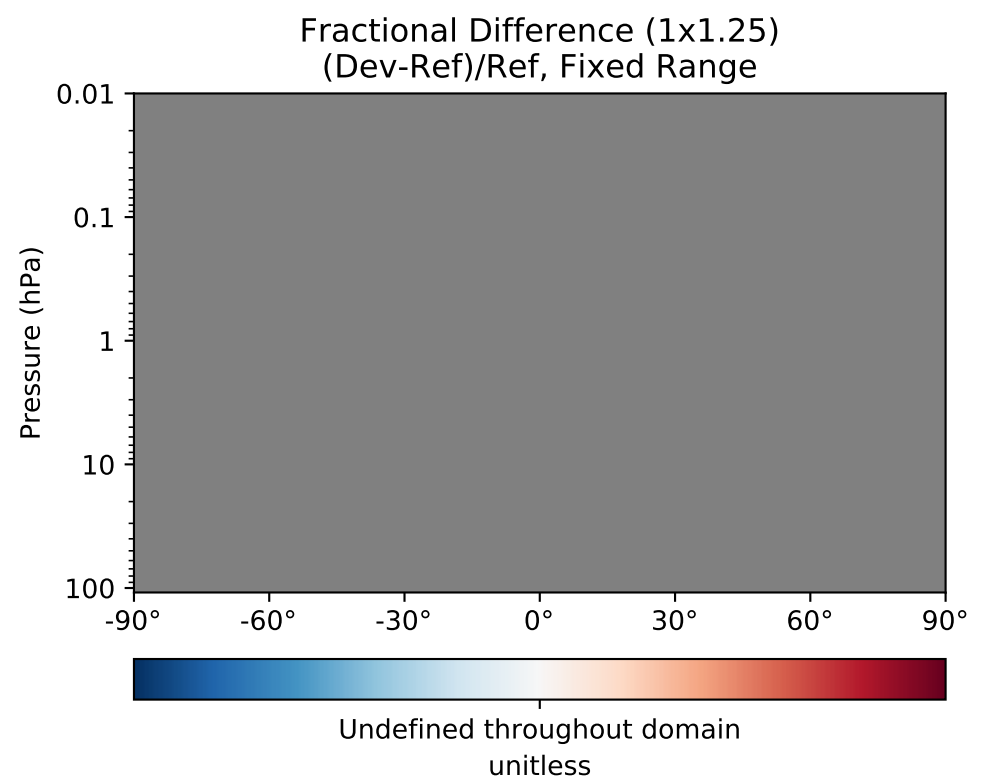
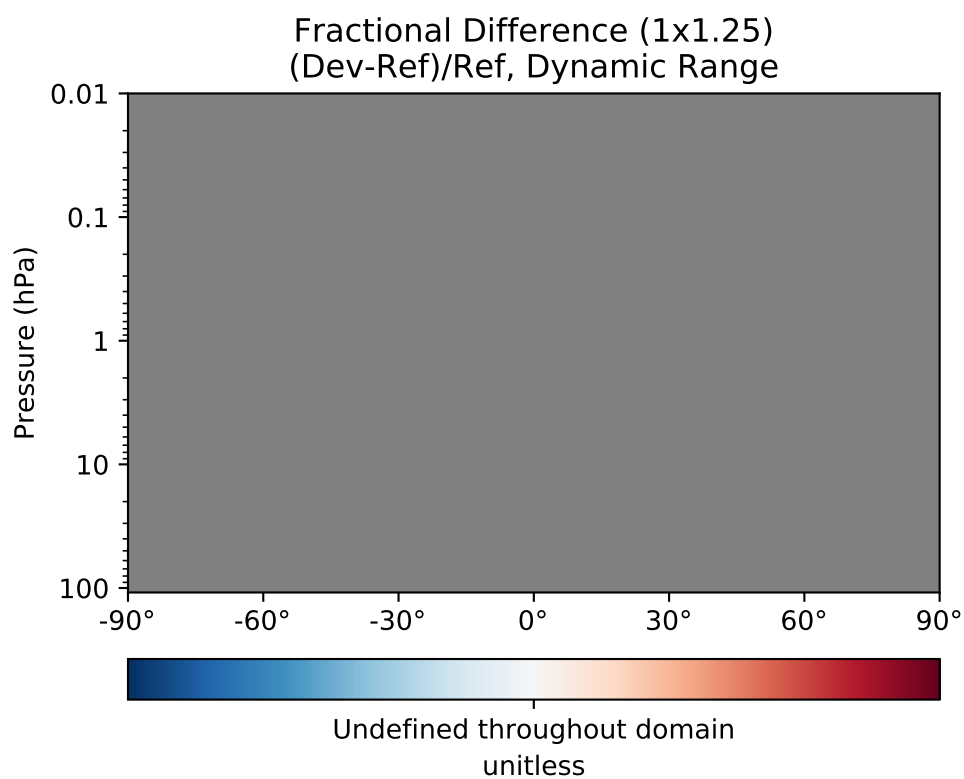
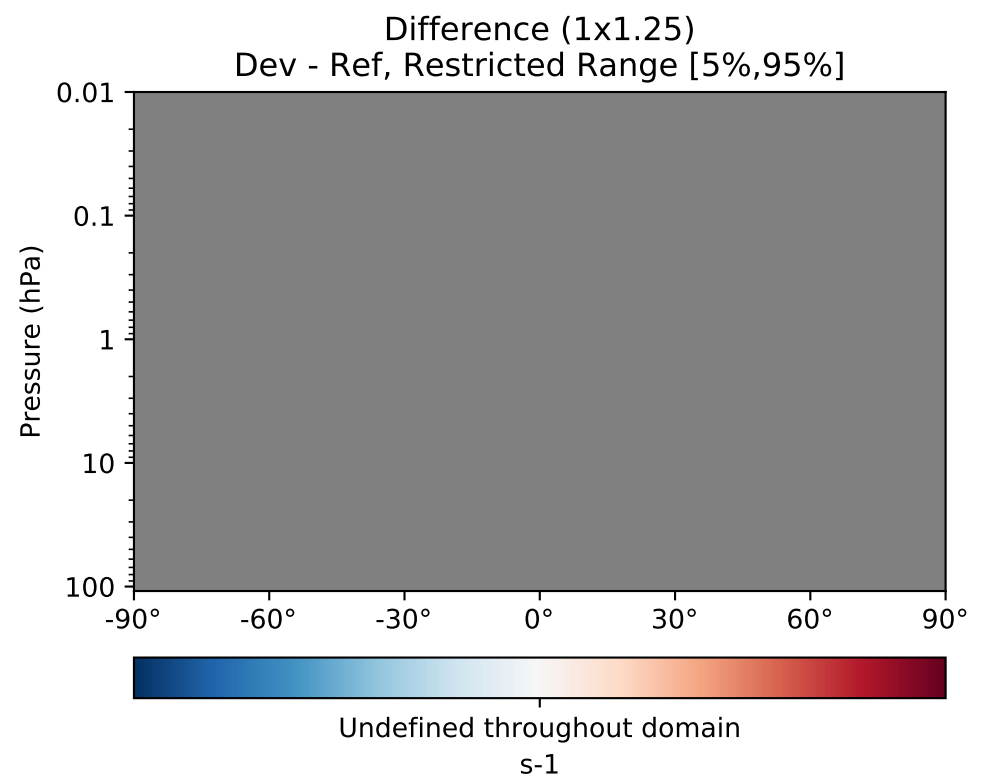
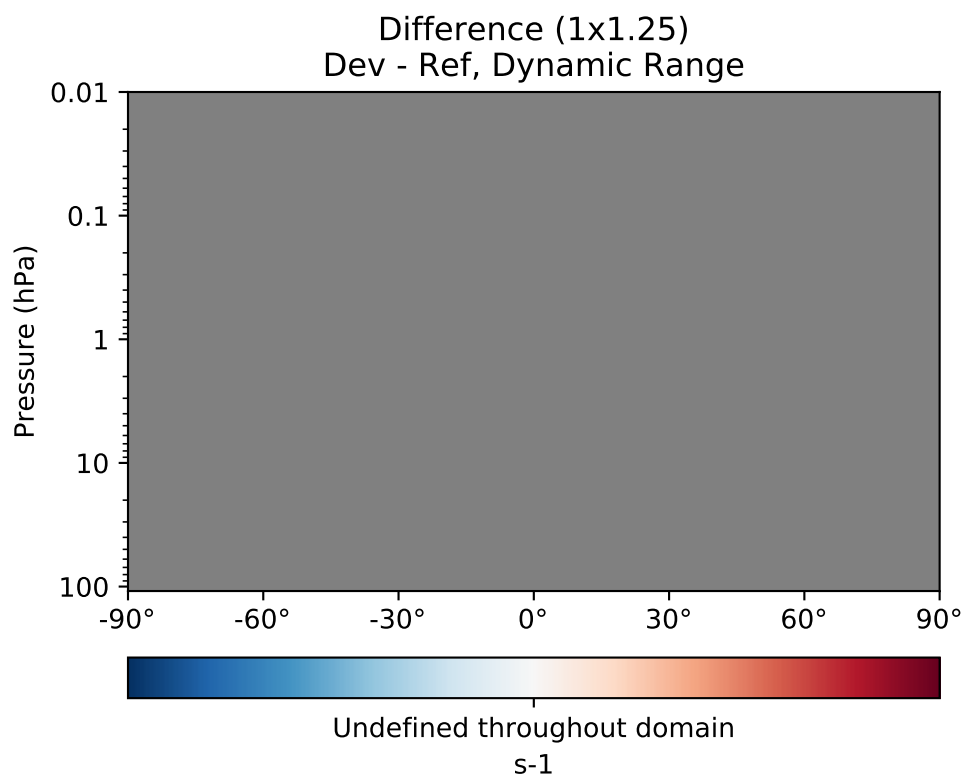
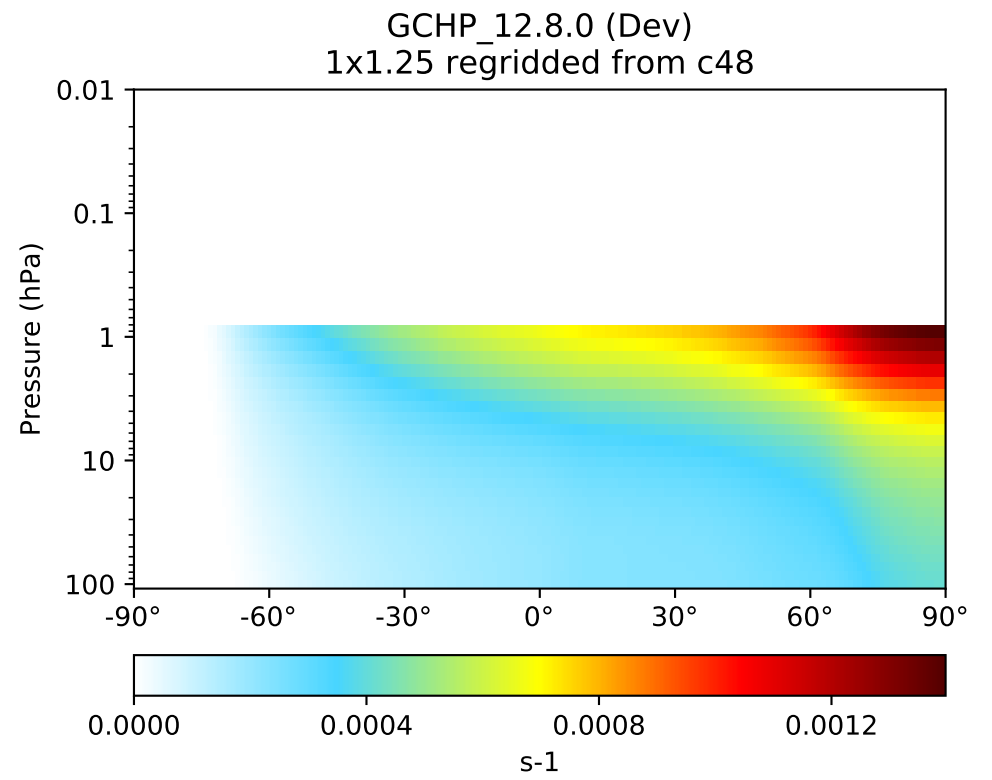
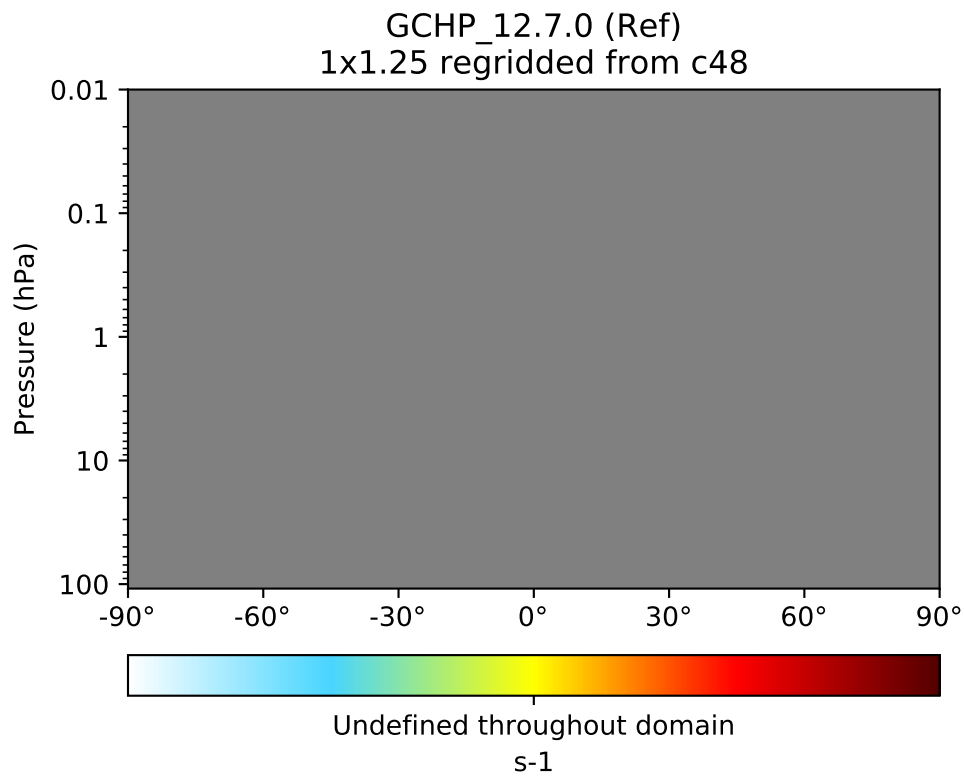
Jval_CL2, Zonal Mean



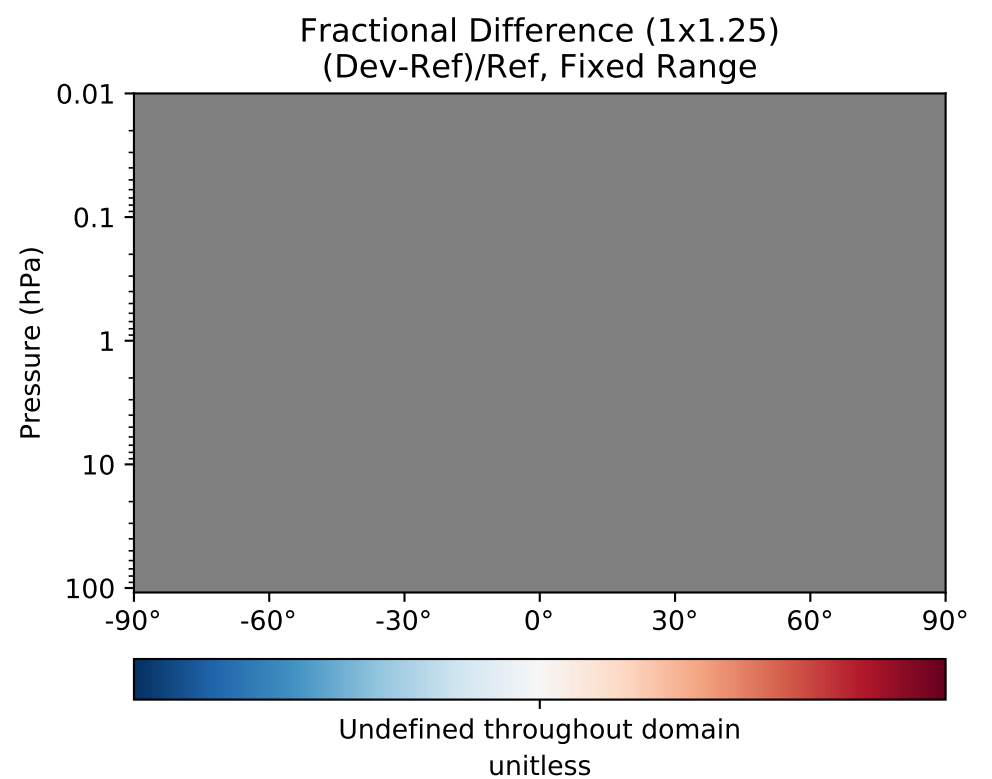
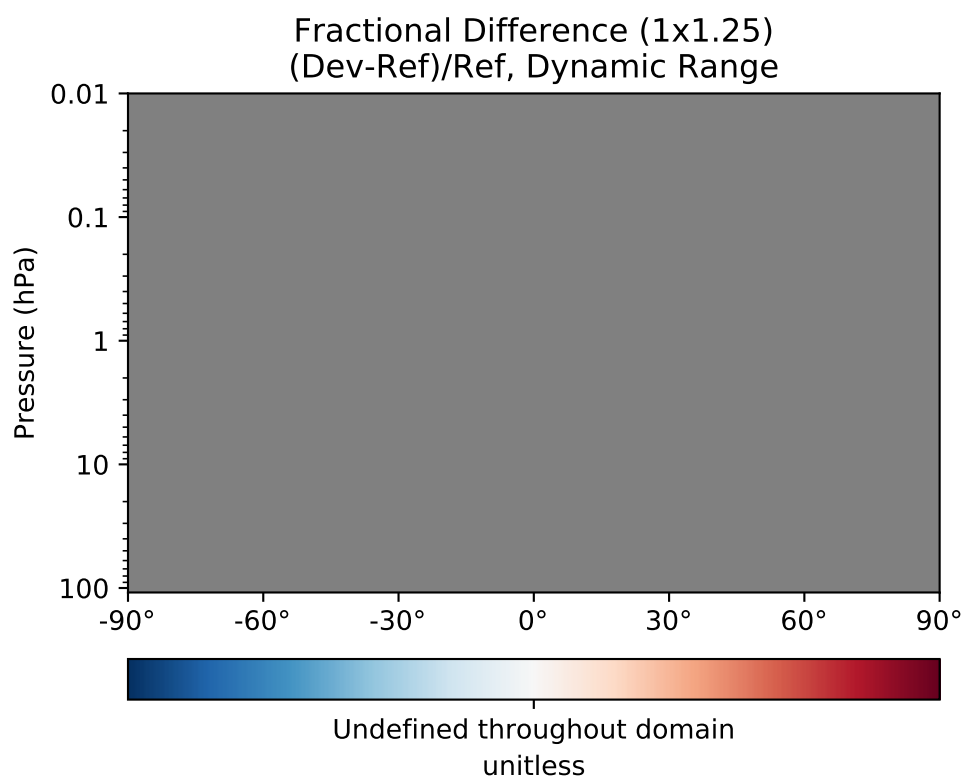
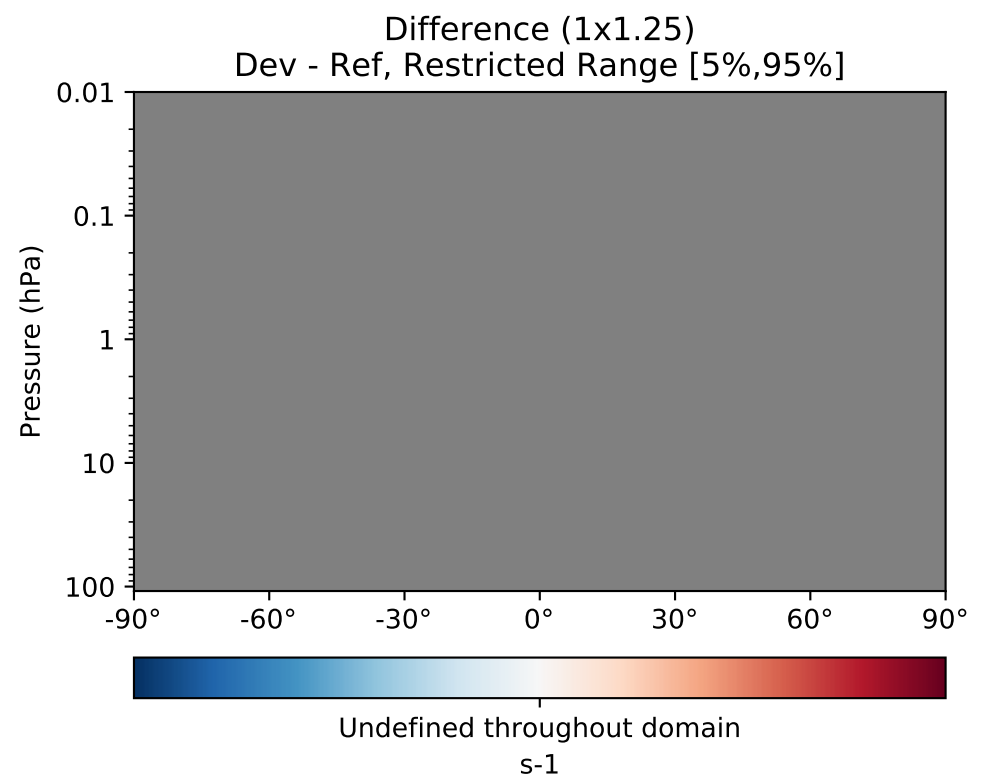
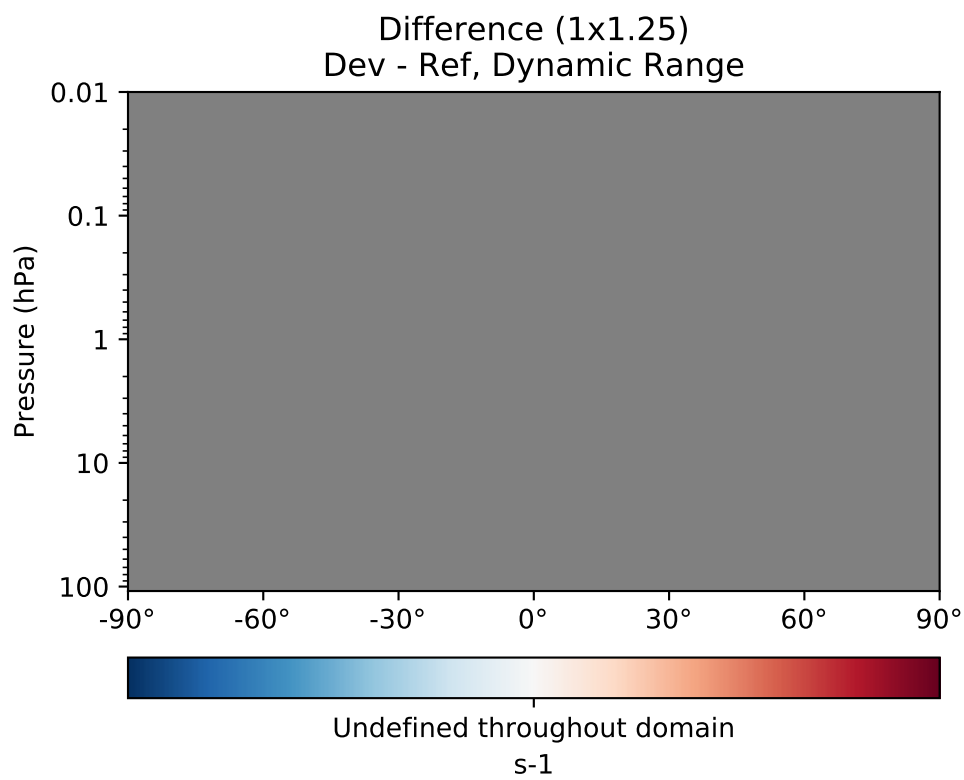
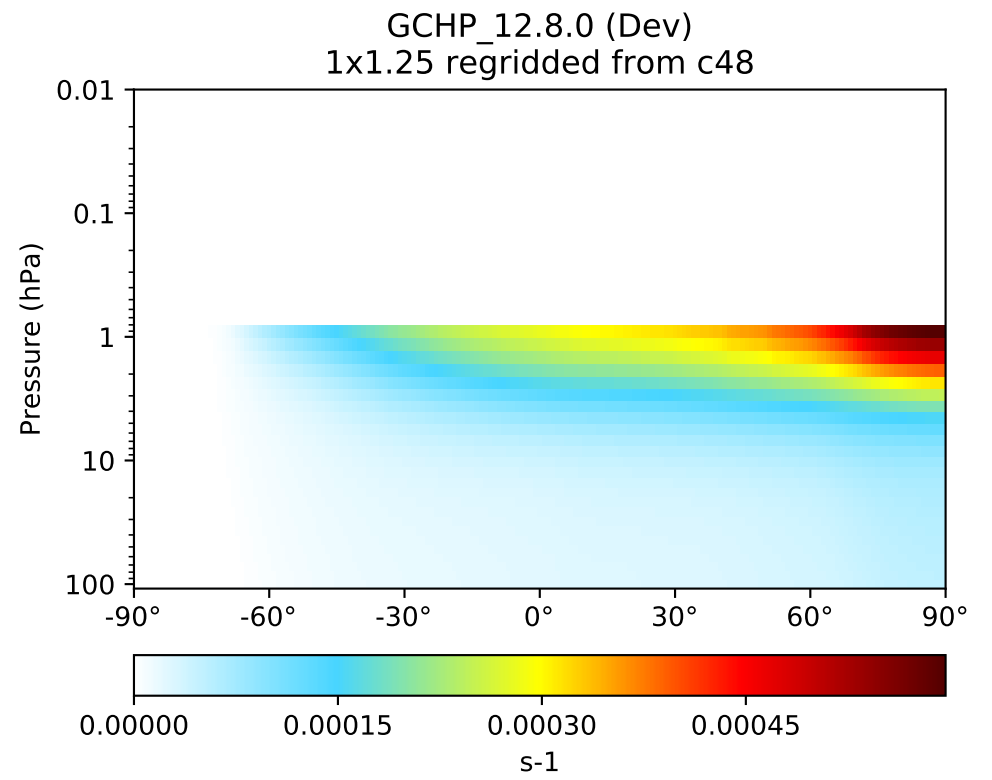
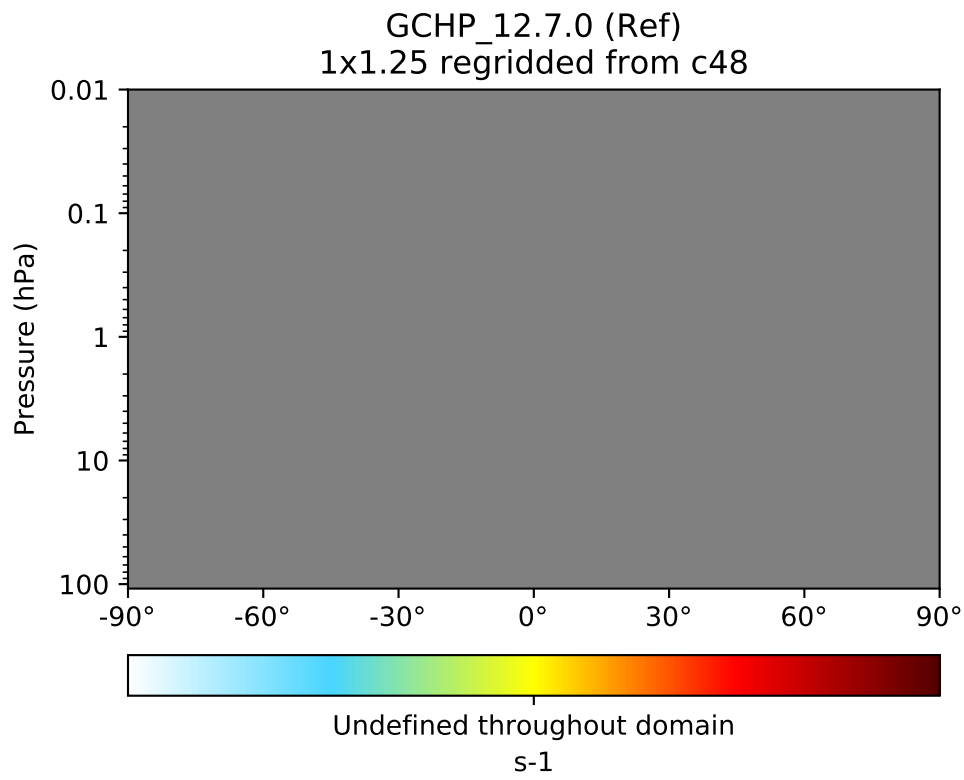
Jval_CL202, Zonal Mean



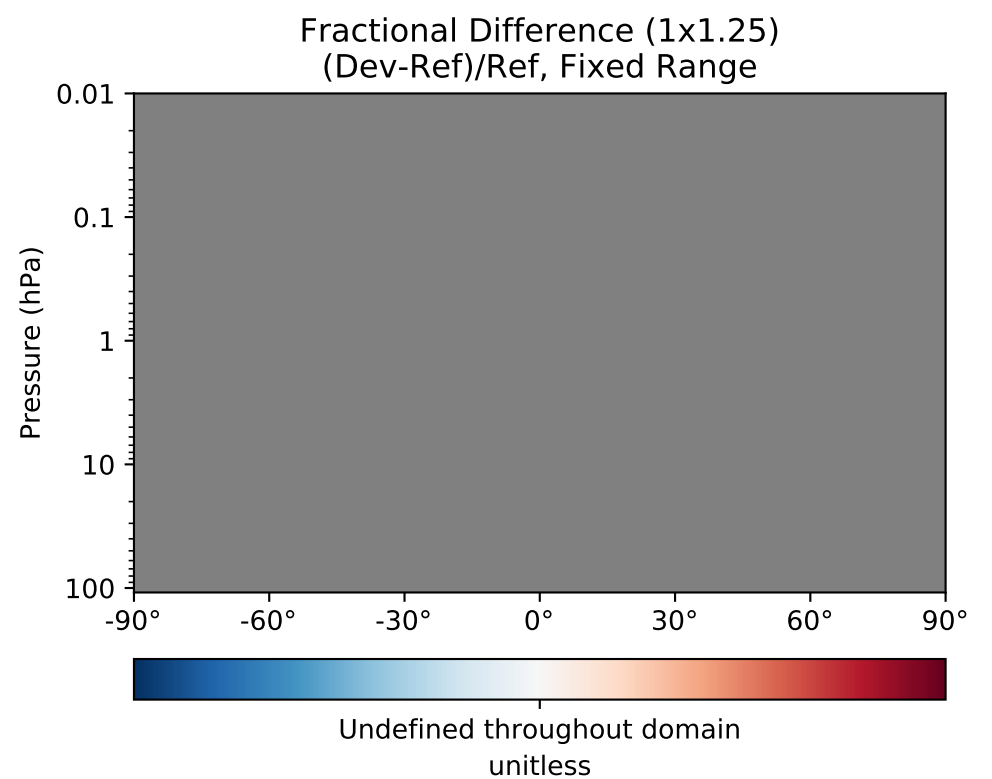
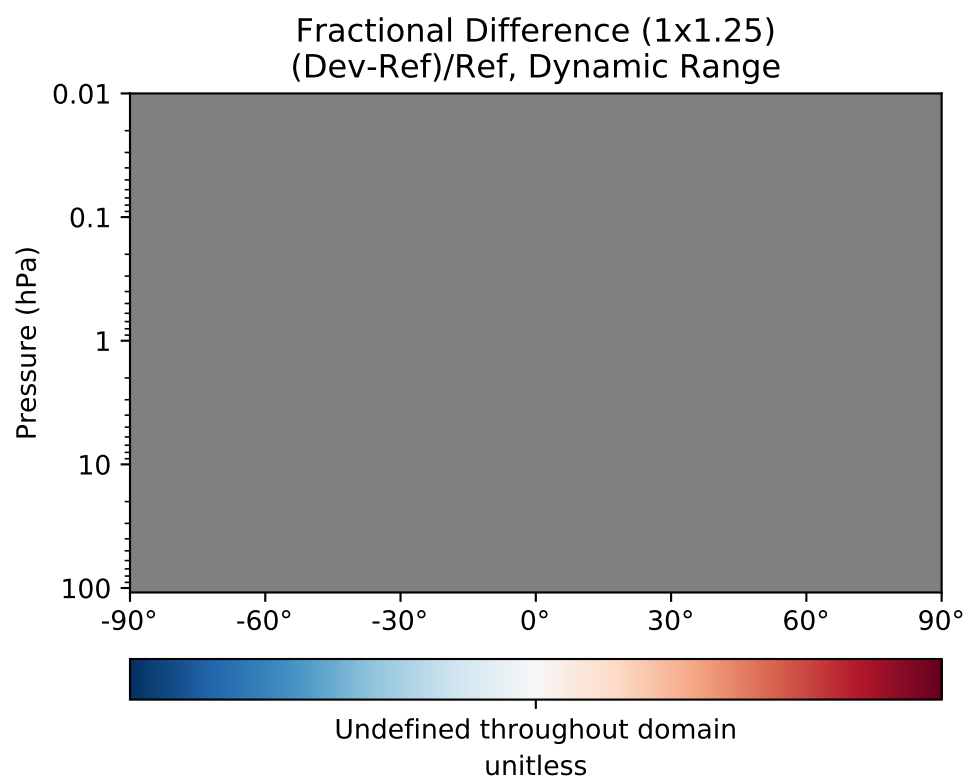
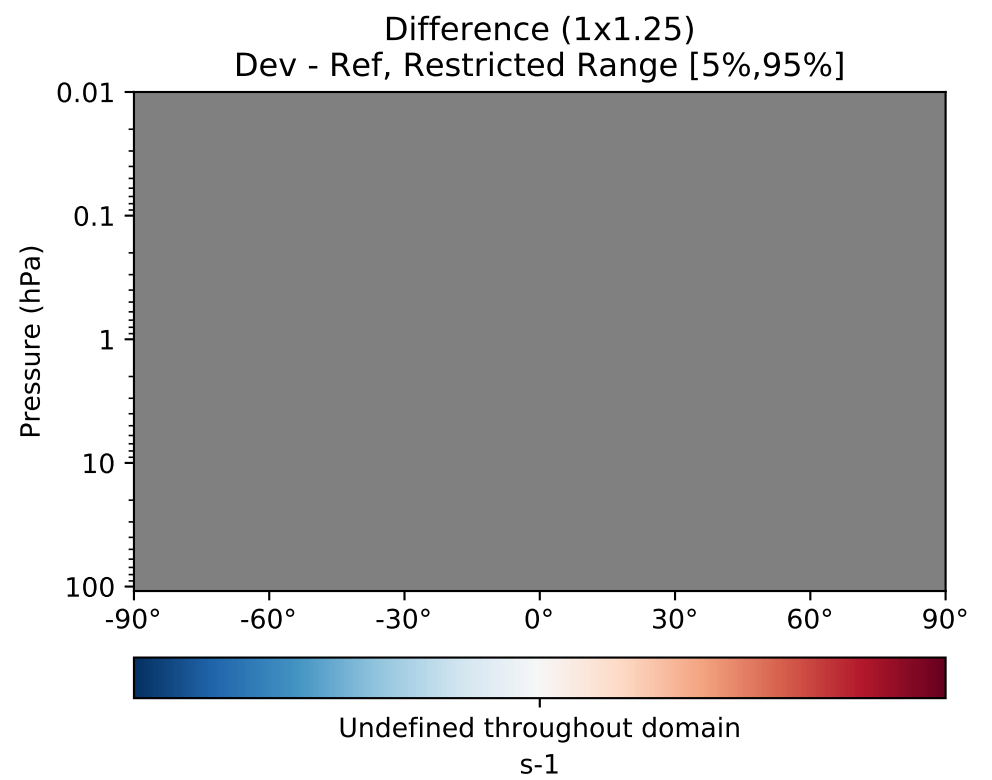
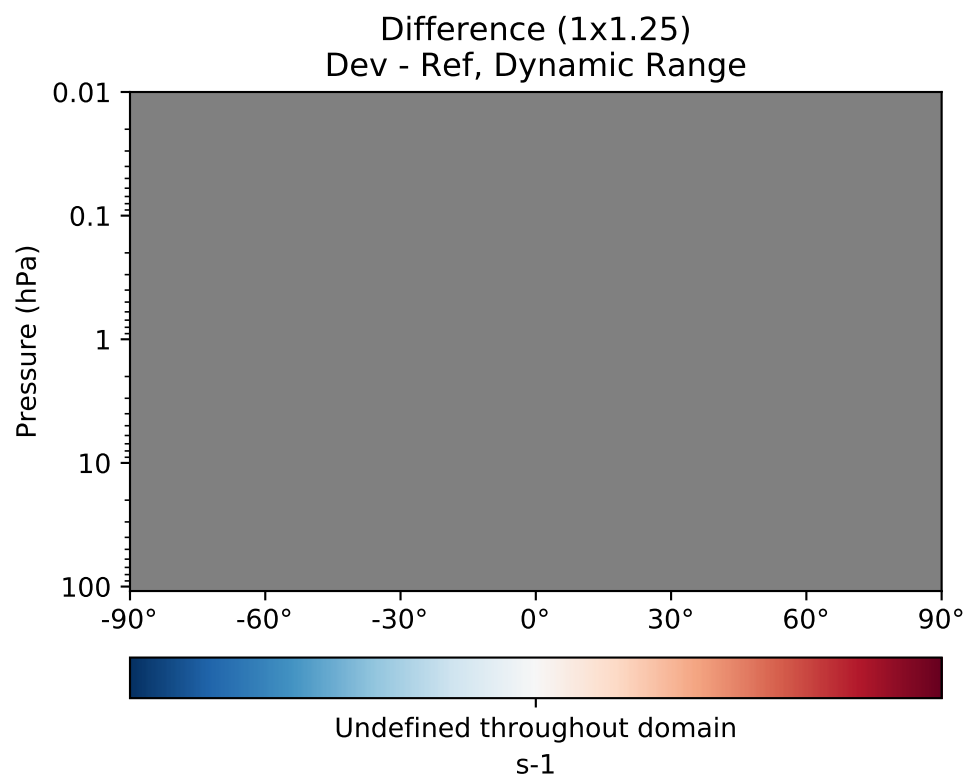
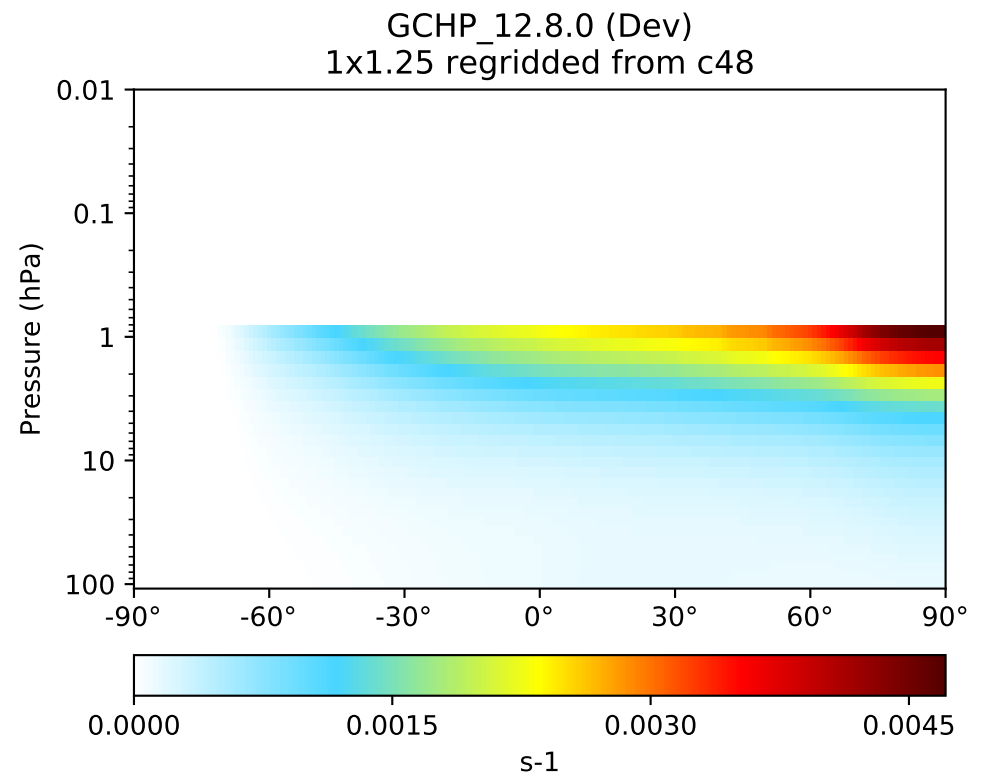
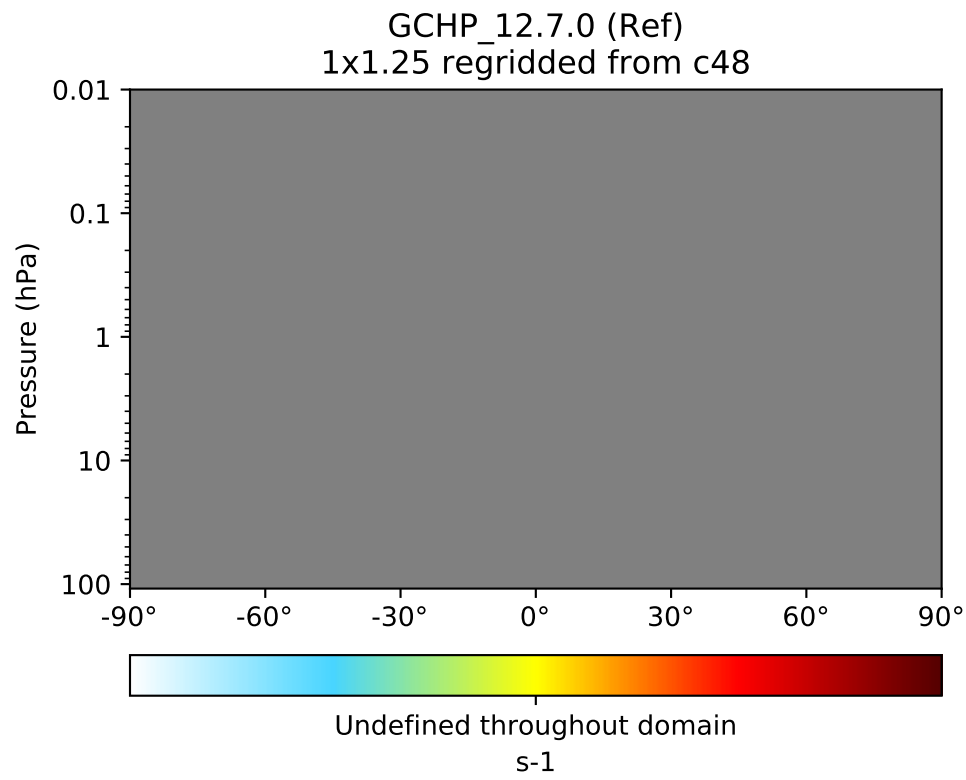
Jval_CLNO2, Zonal Mean



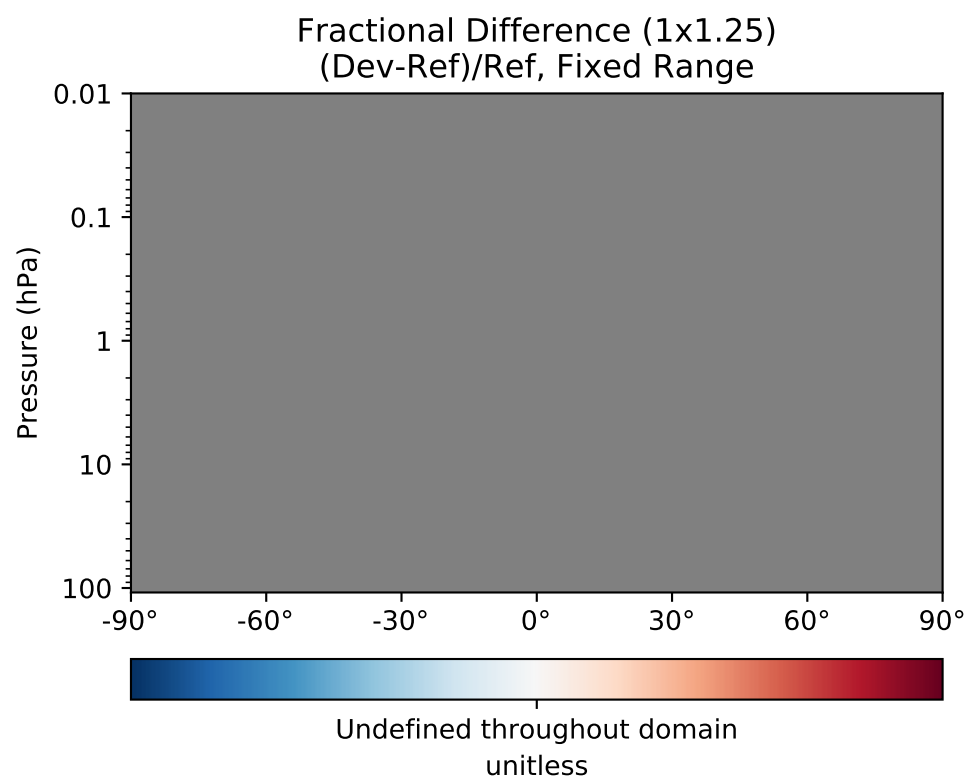
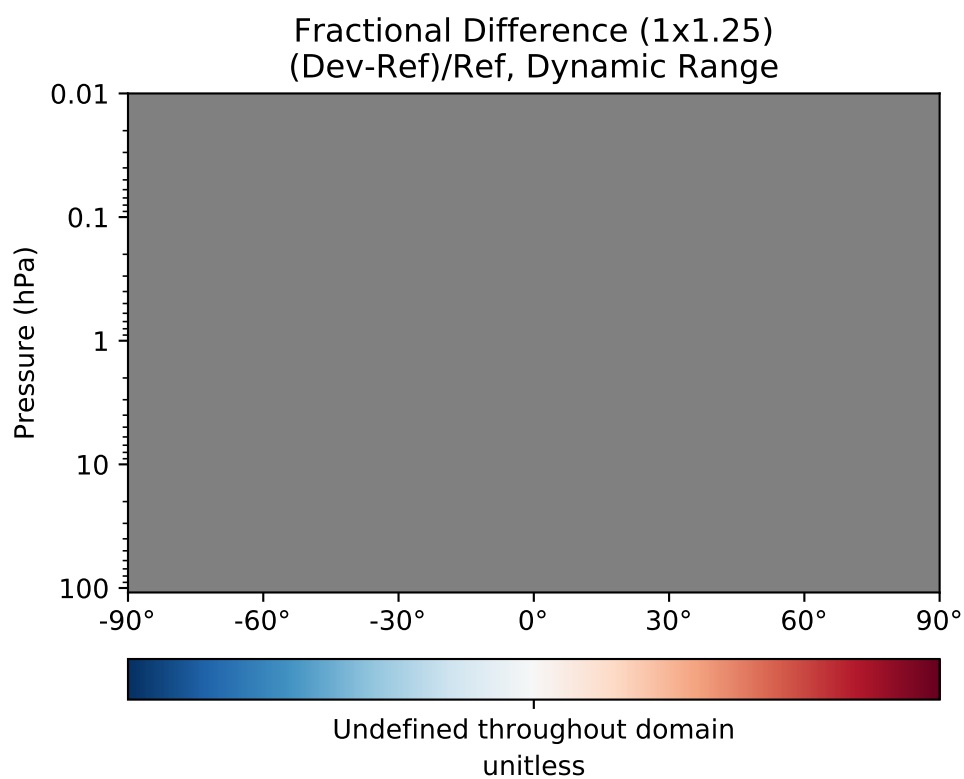
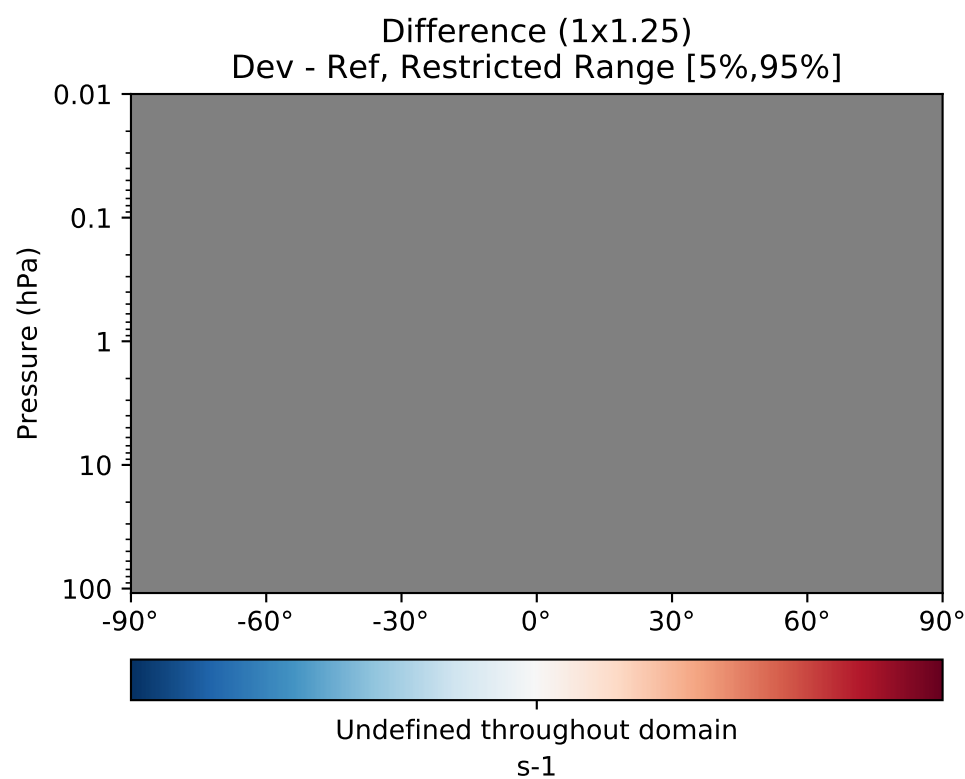
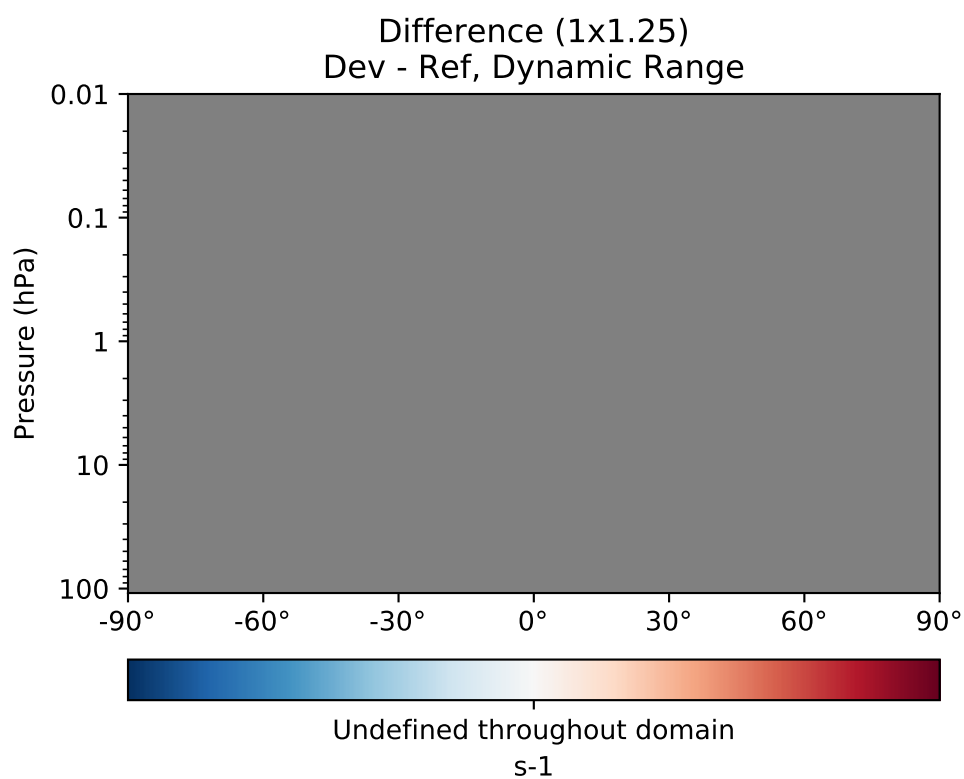
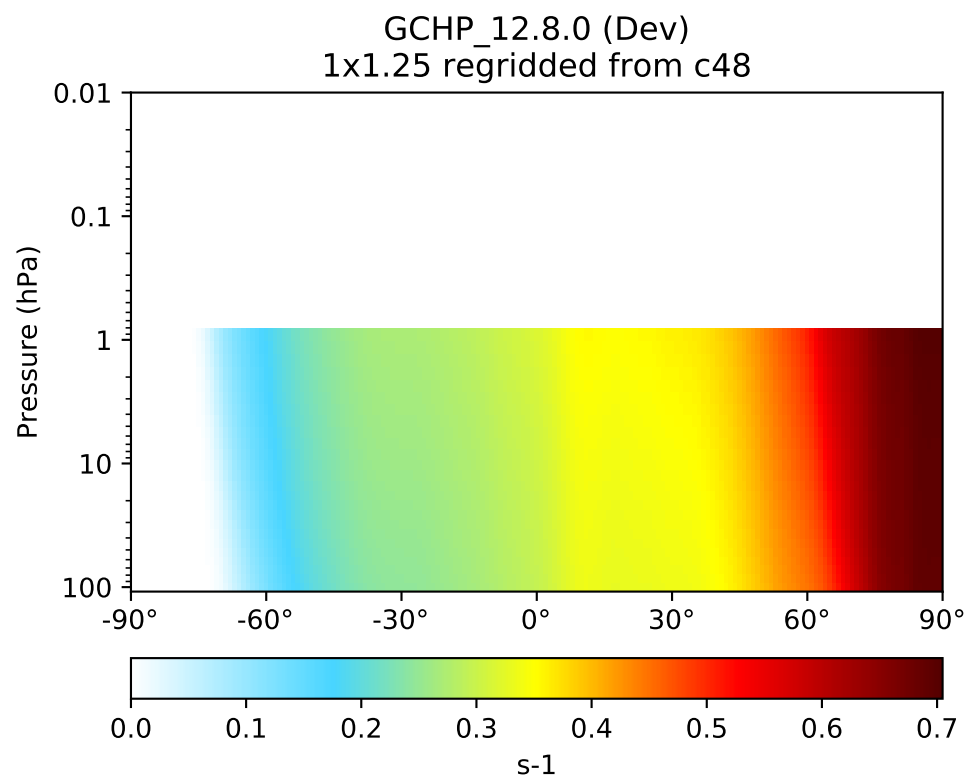
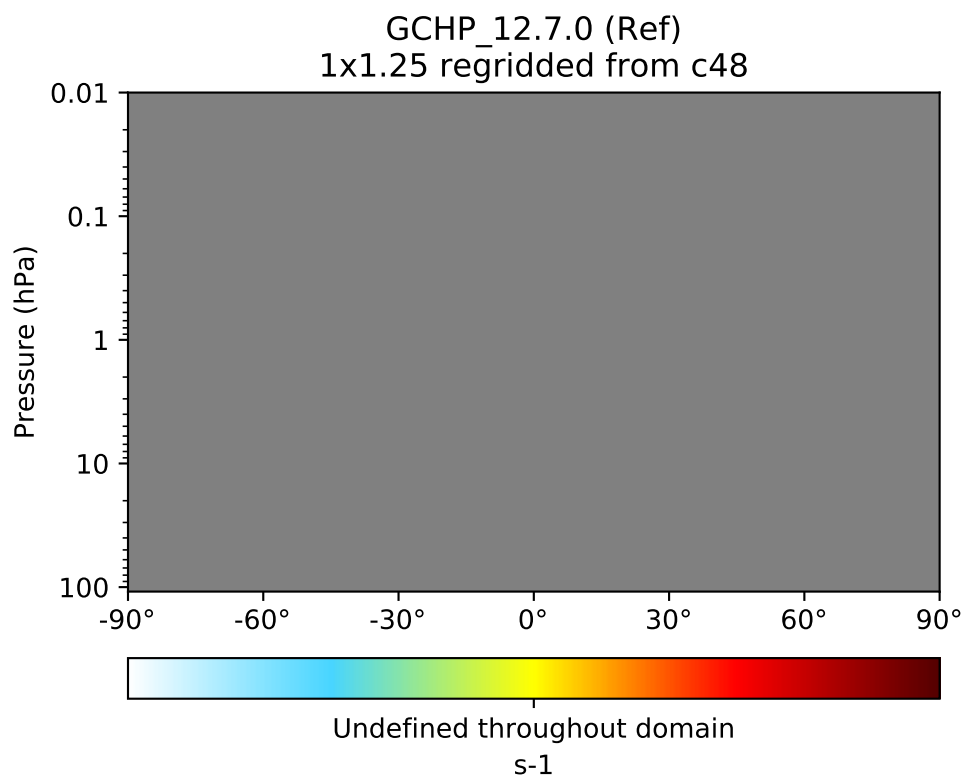
Jval_CLNO3, Zonal Mean



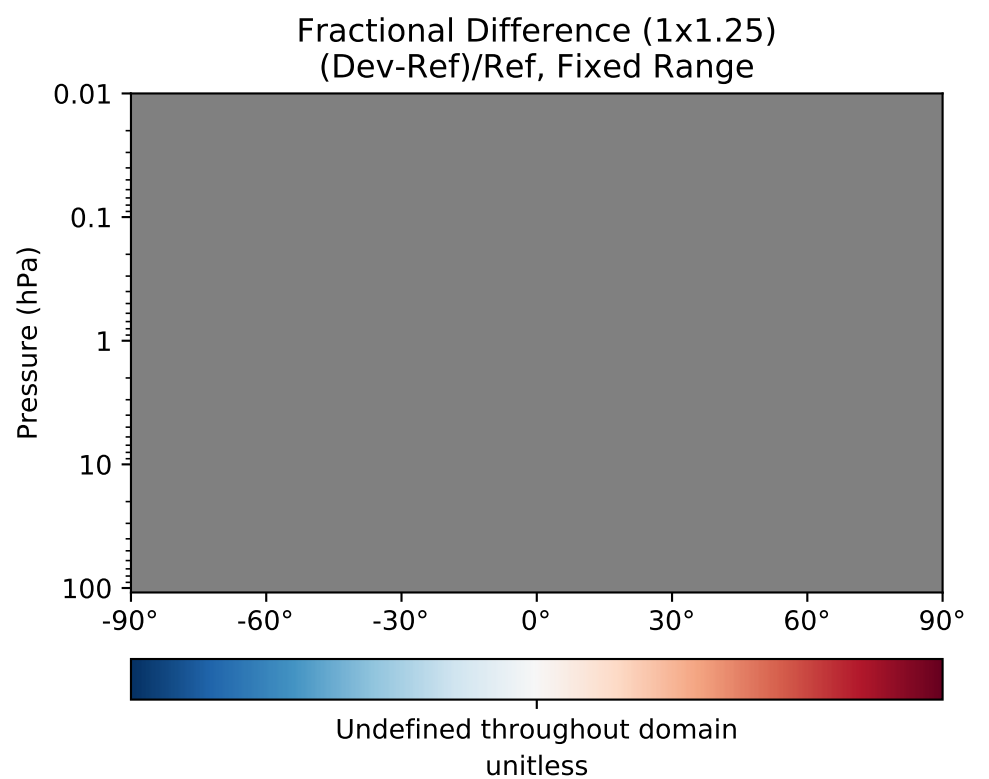
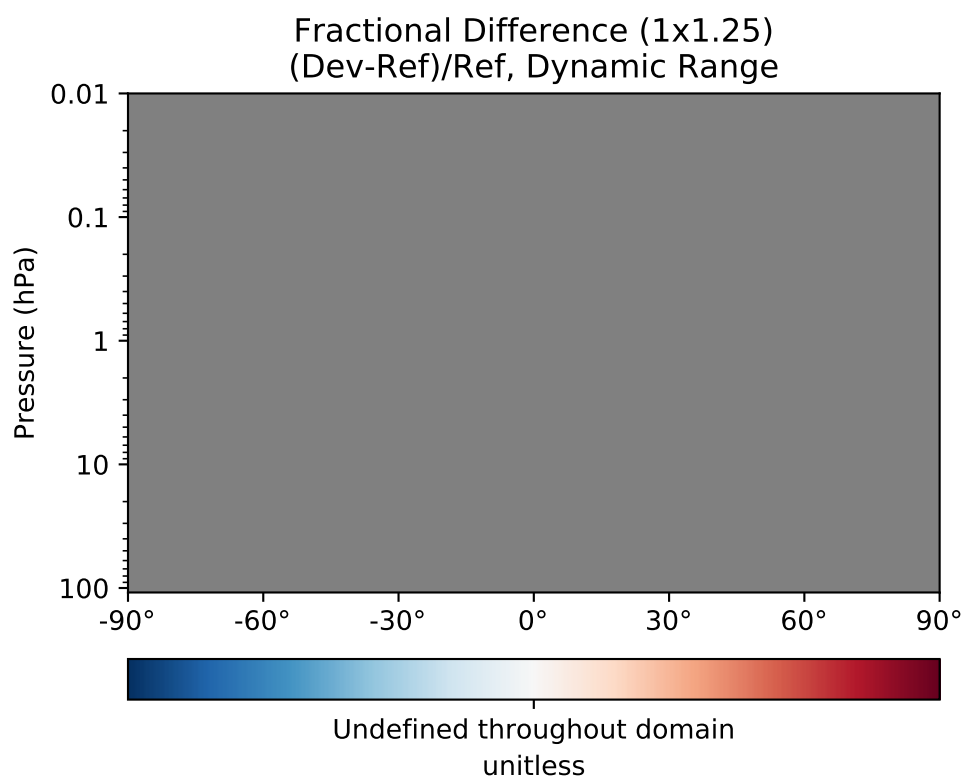
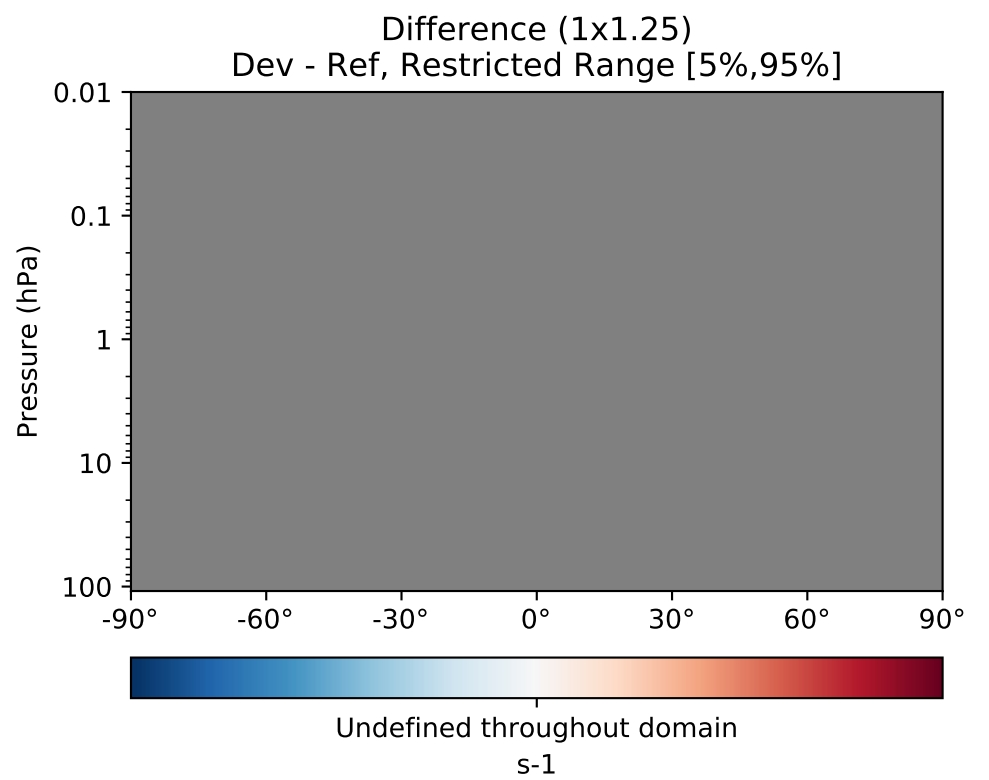
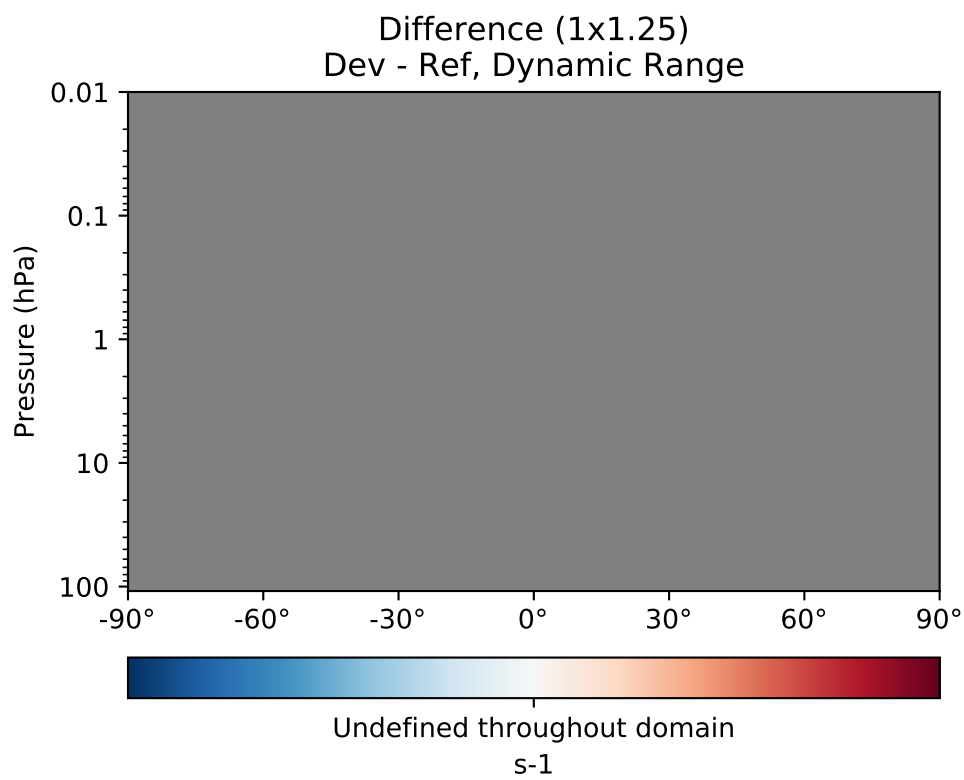
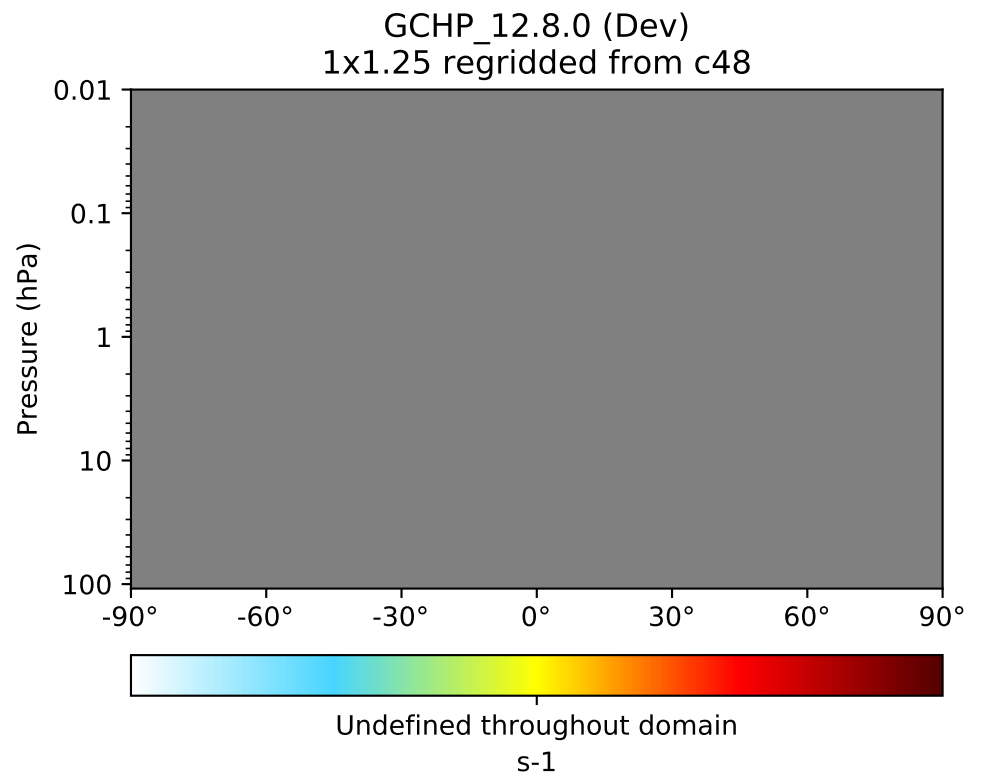
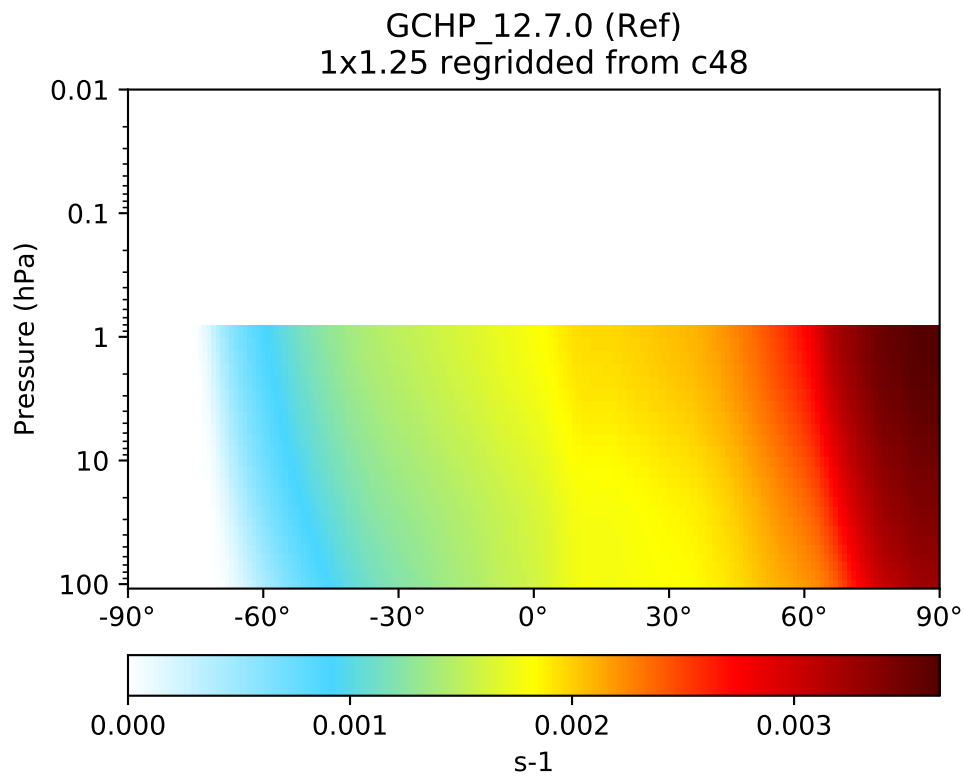
Jval_CLO, Zonal Mean



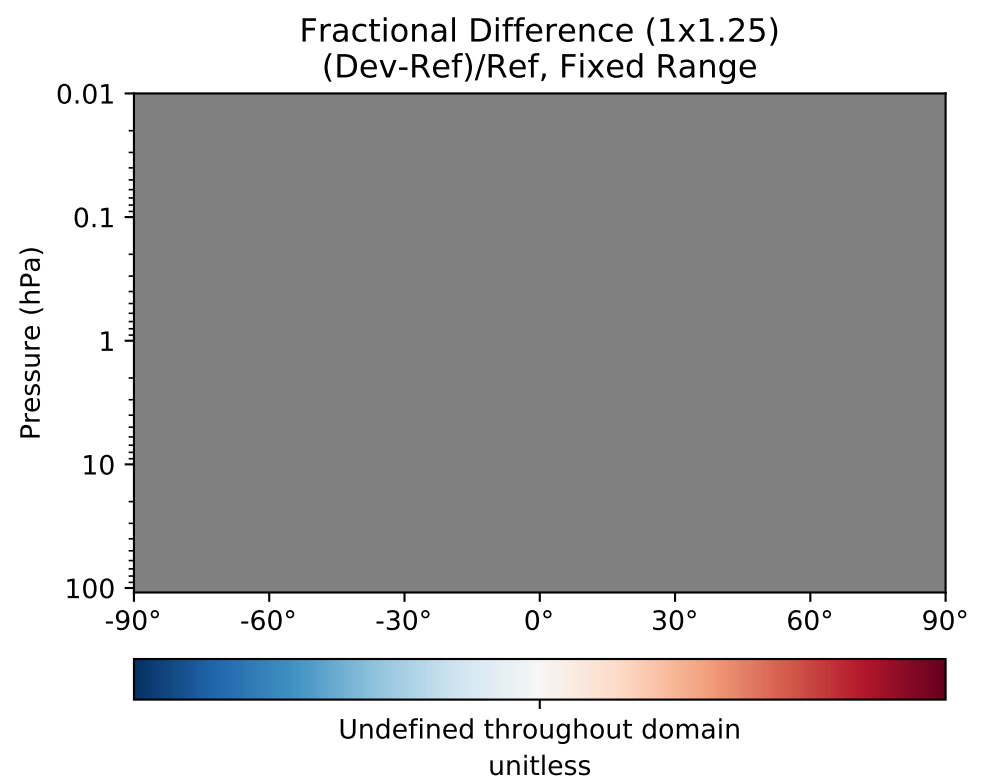
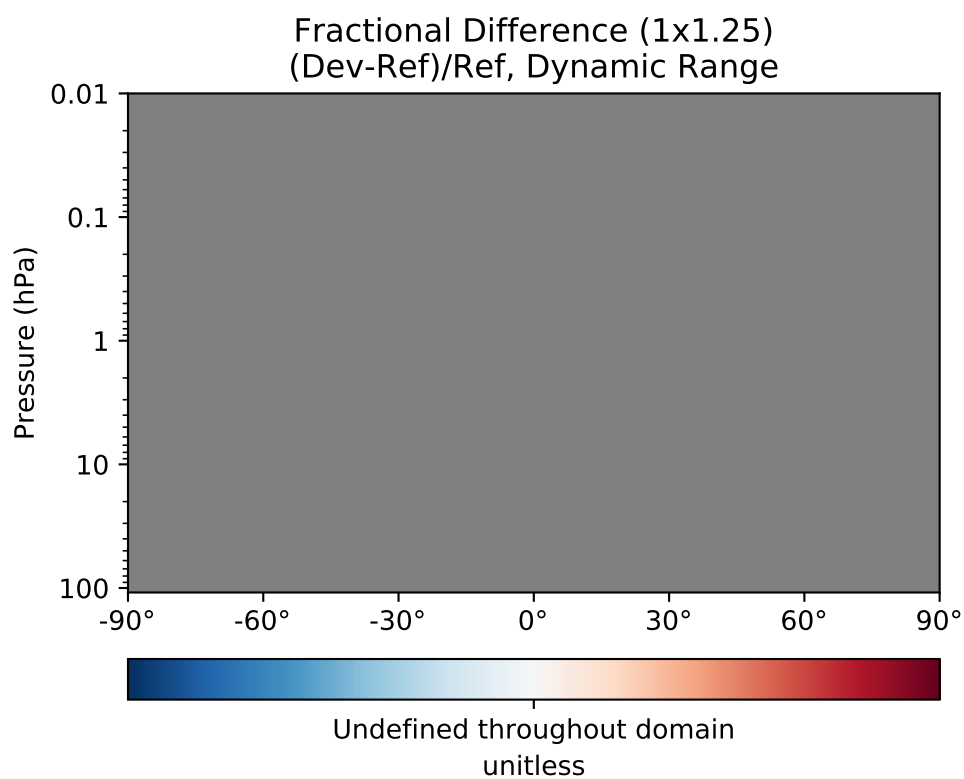
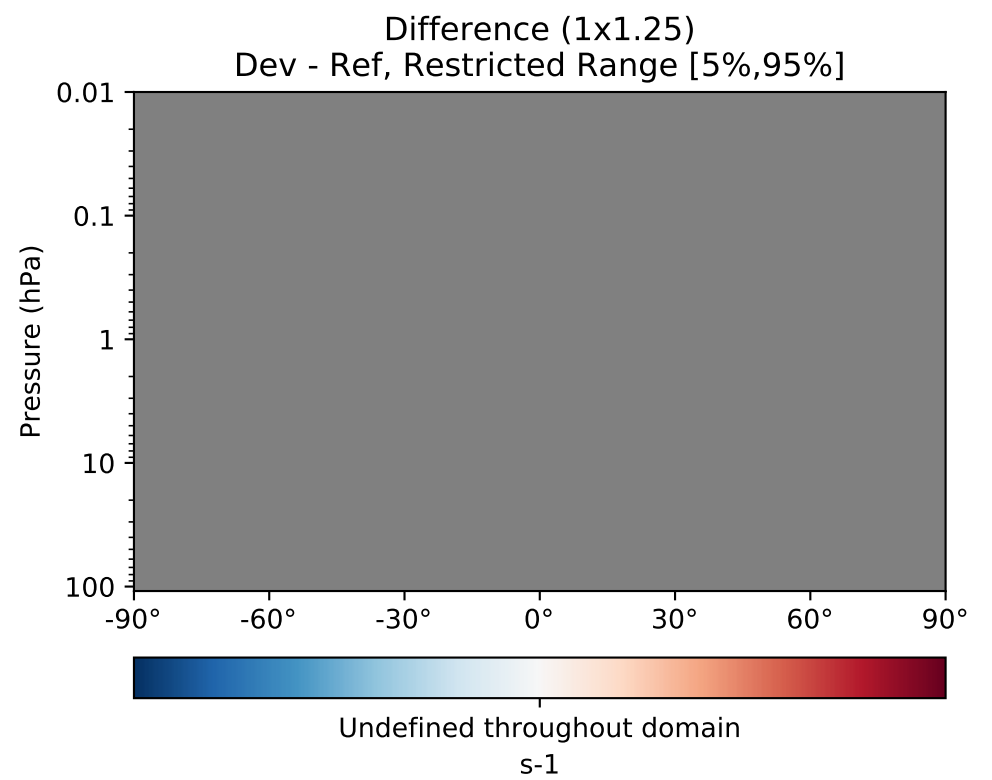
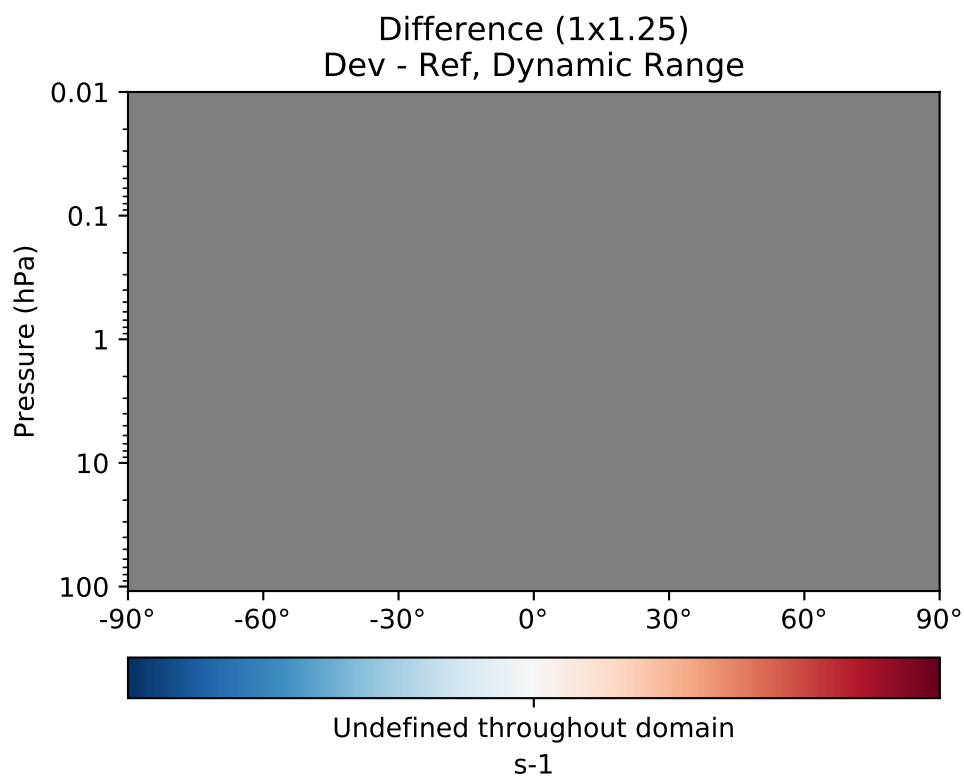
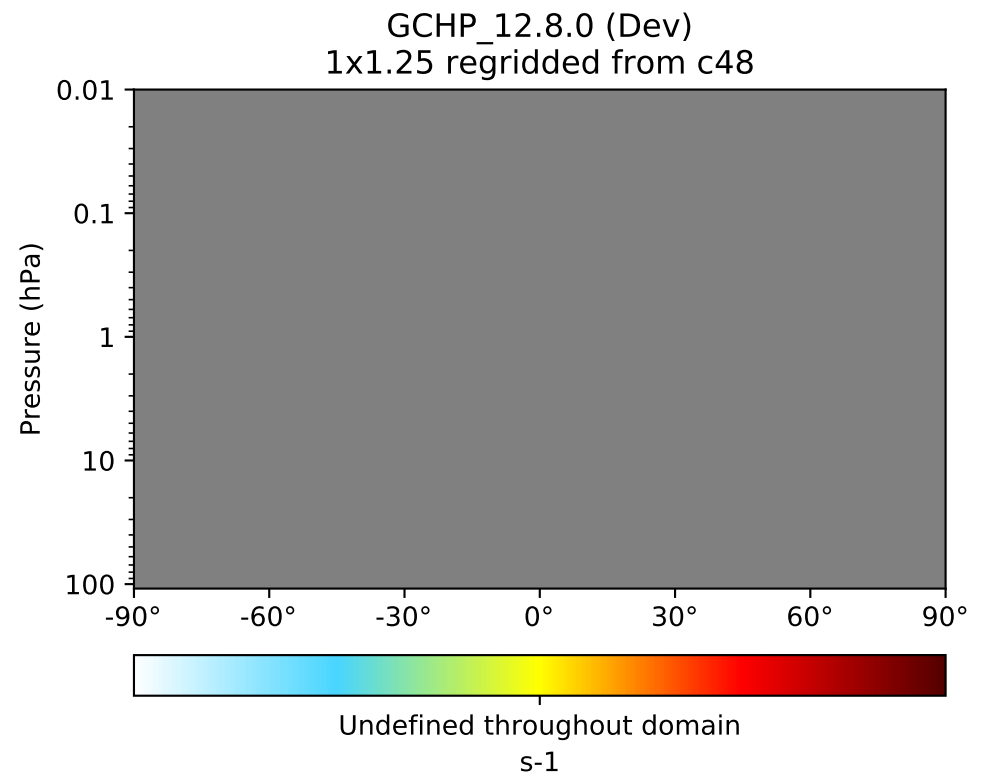
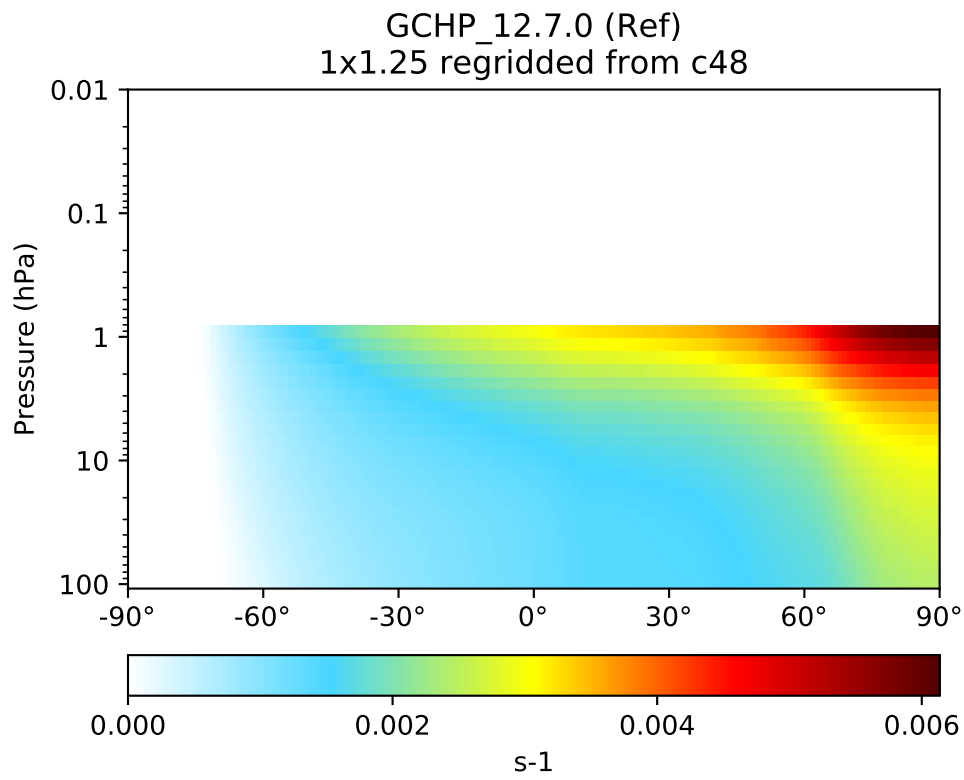
Jval_CLOO, Zonal Mean



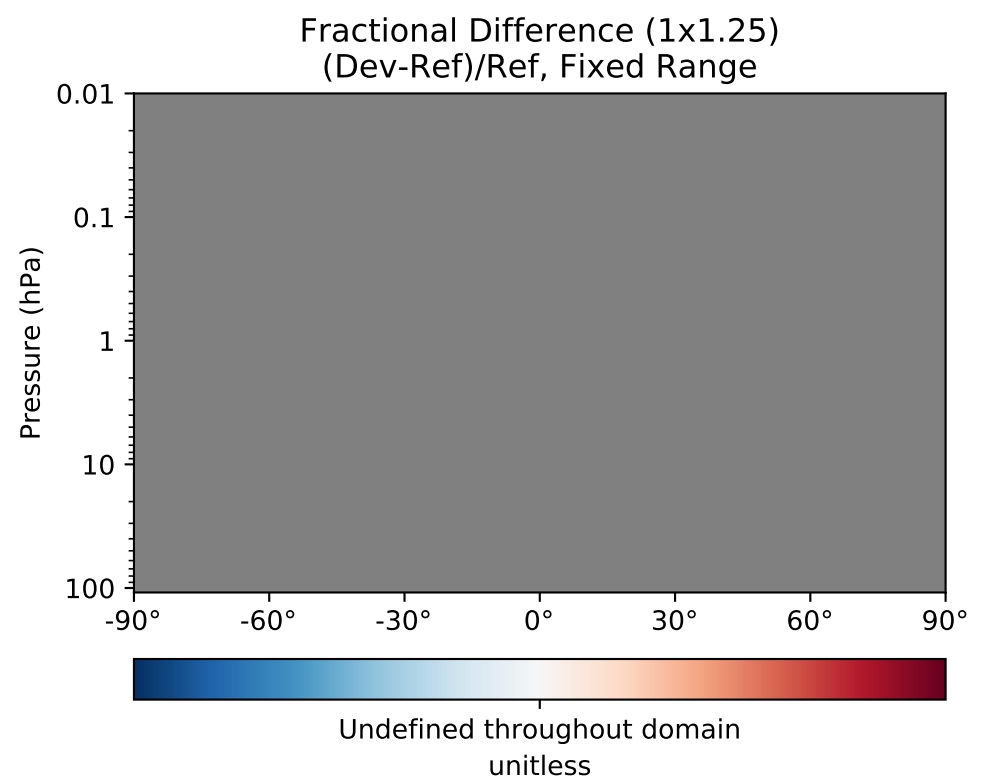
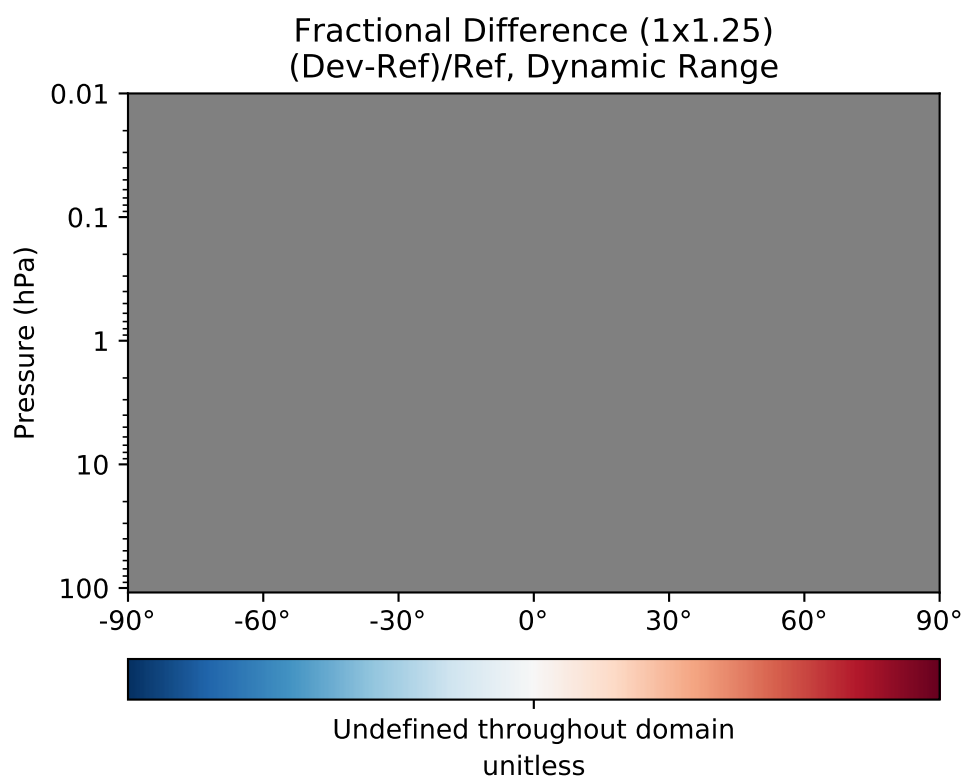
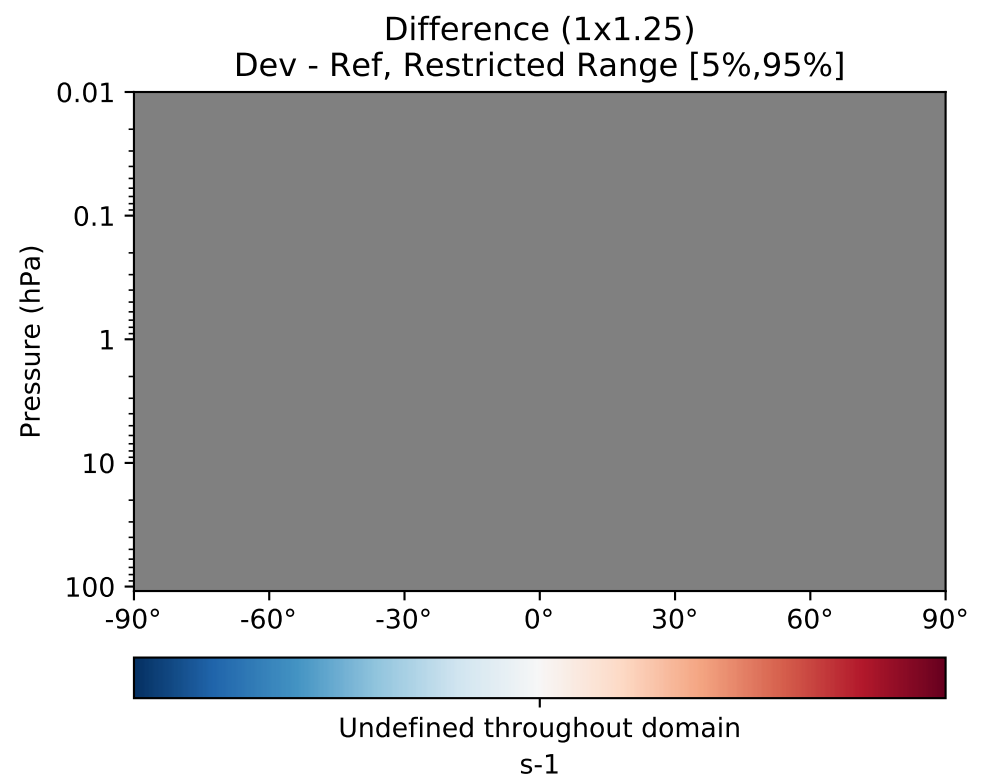
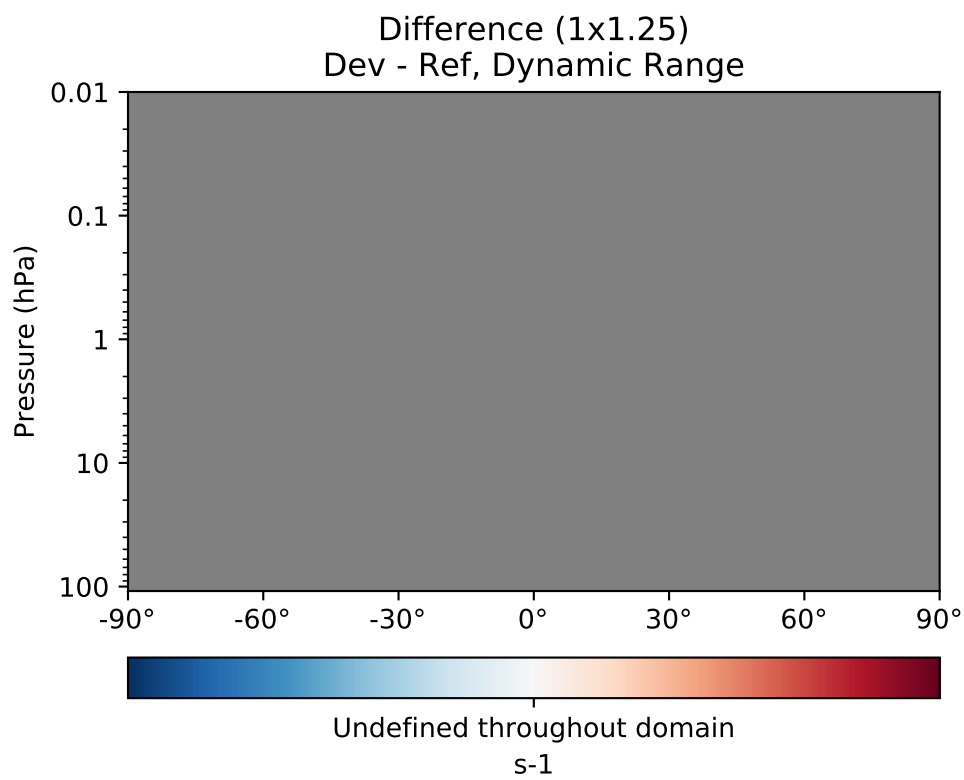
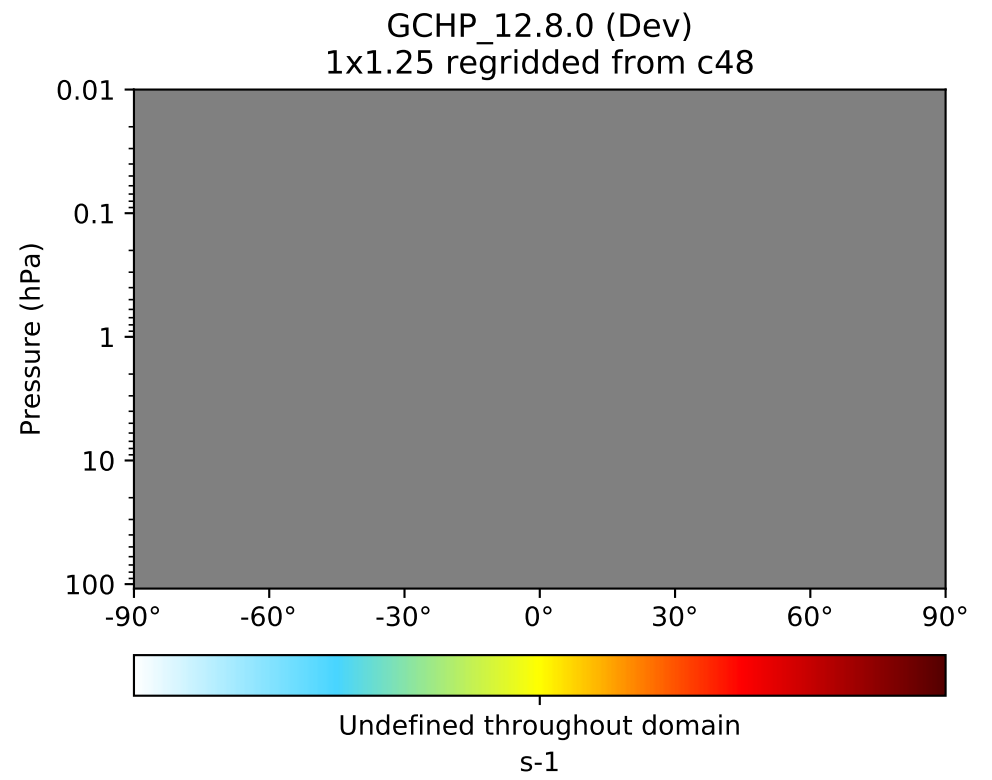
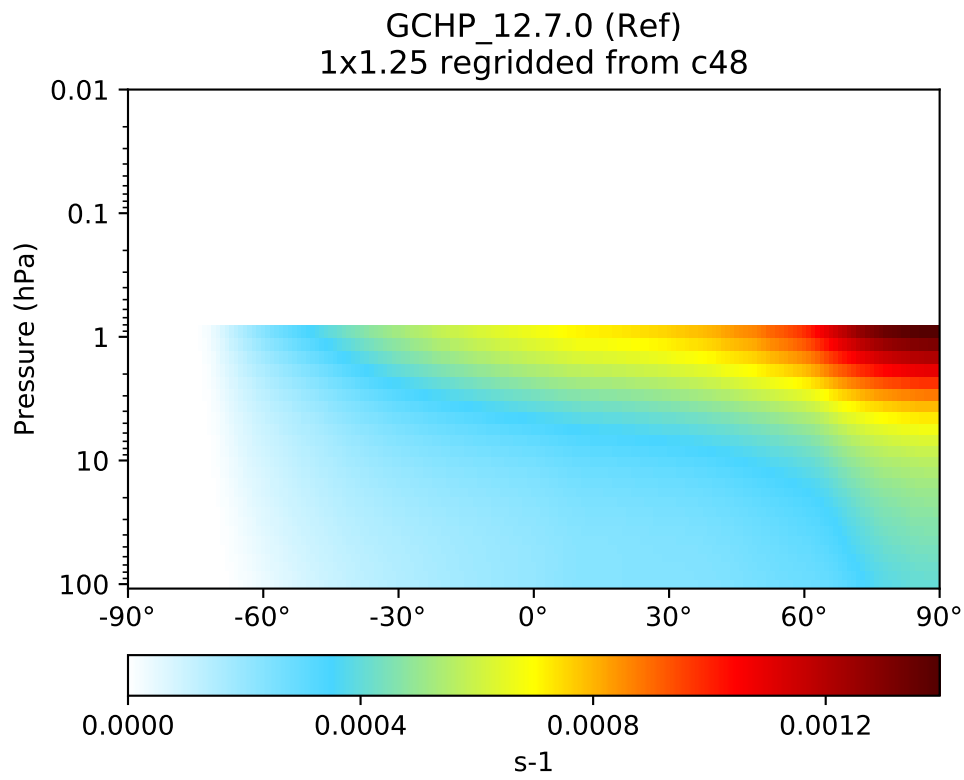
Jval_Cl2, Zonal Mean



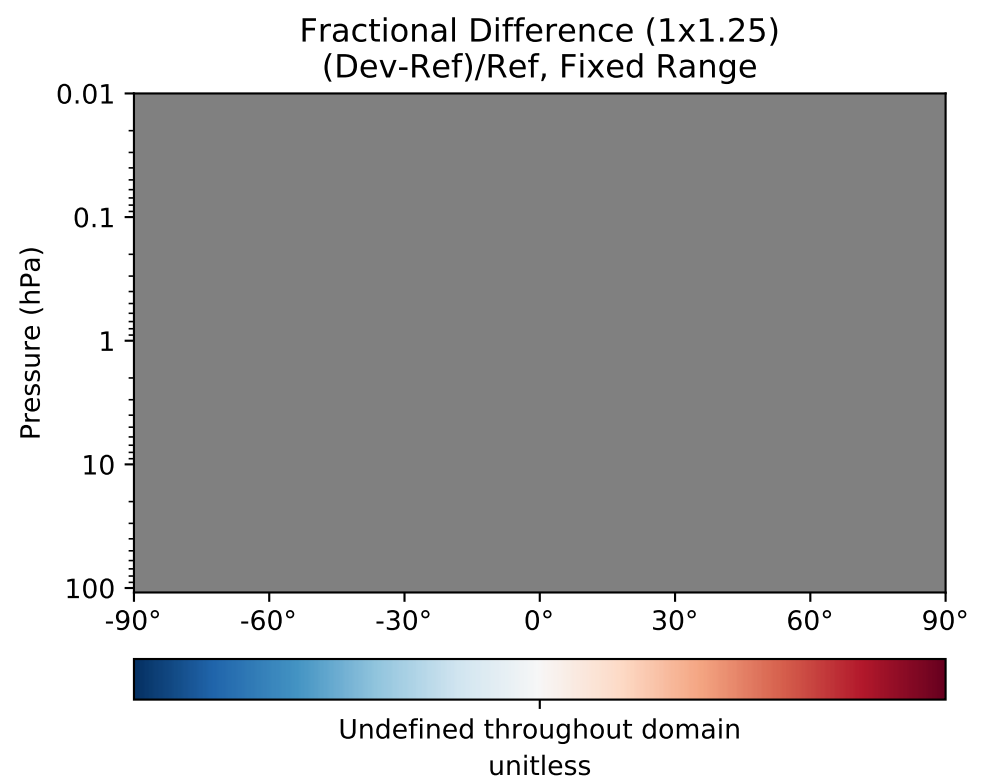
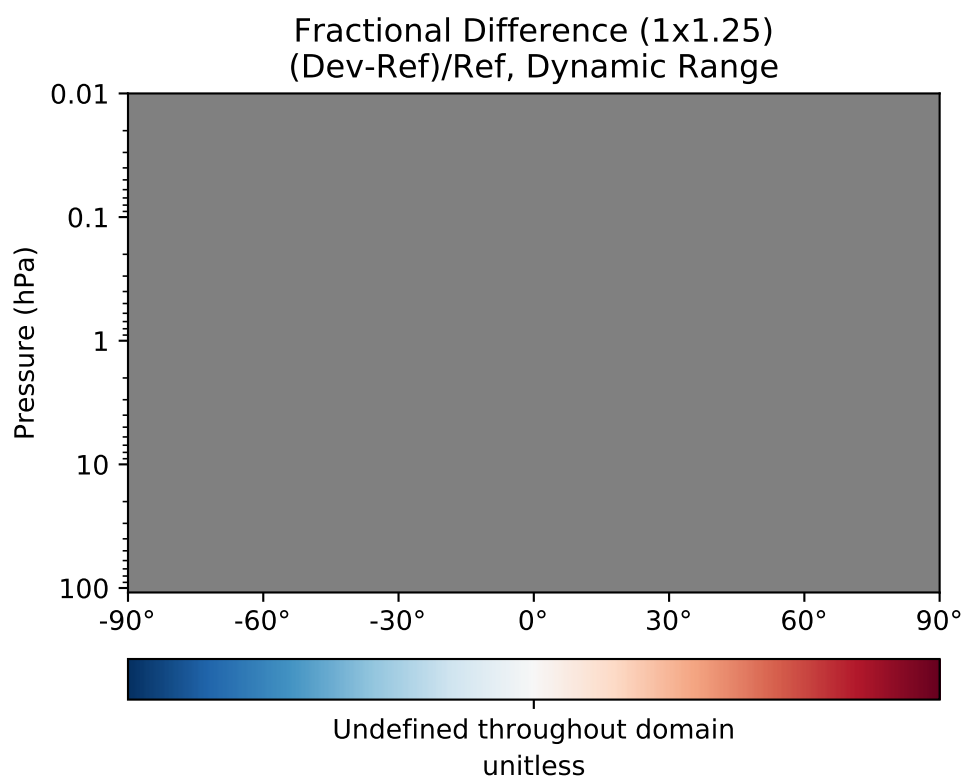
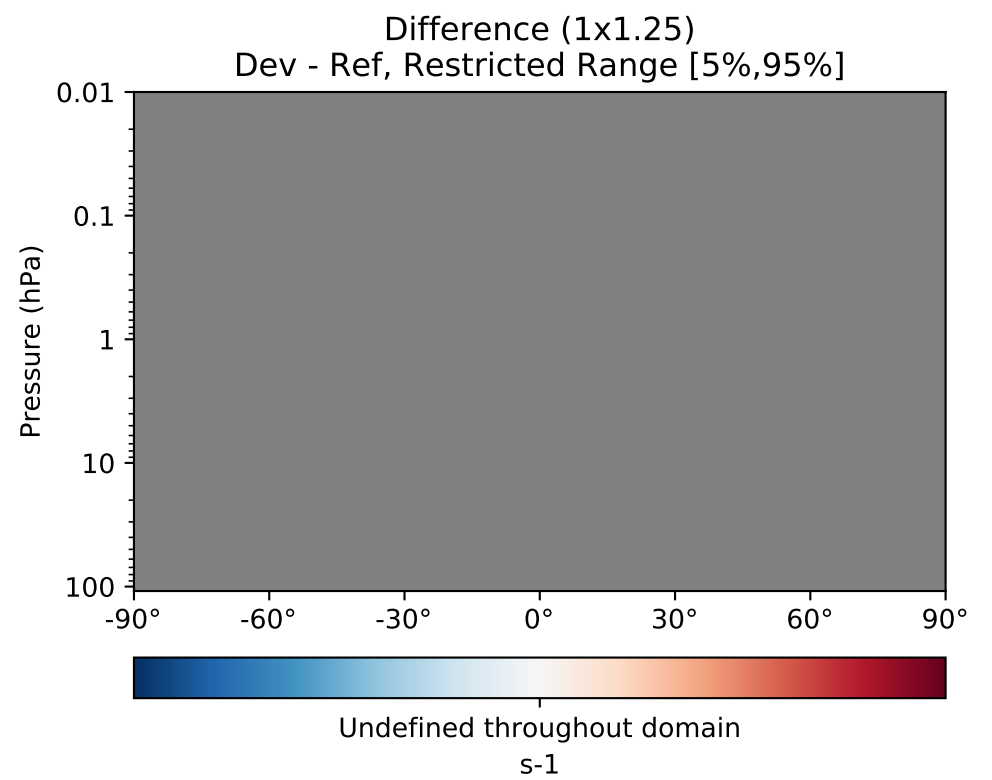
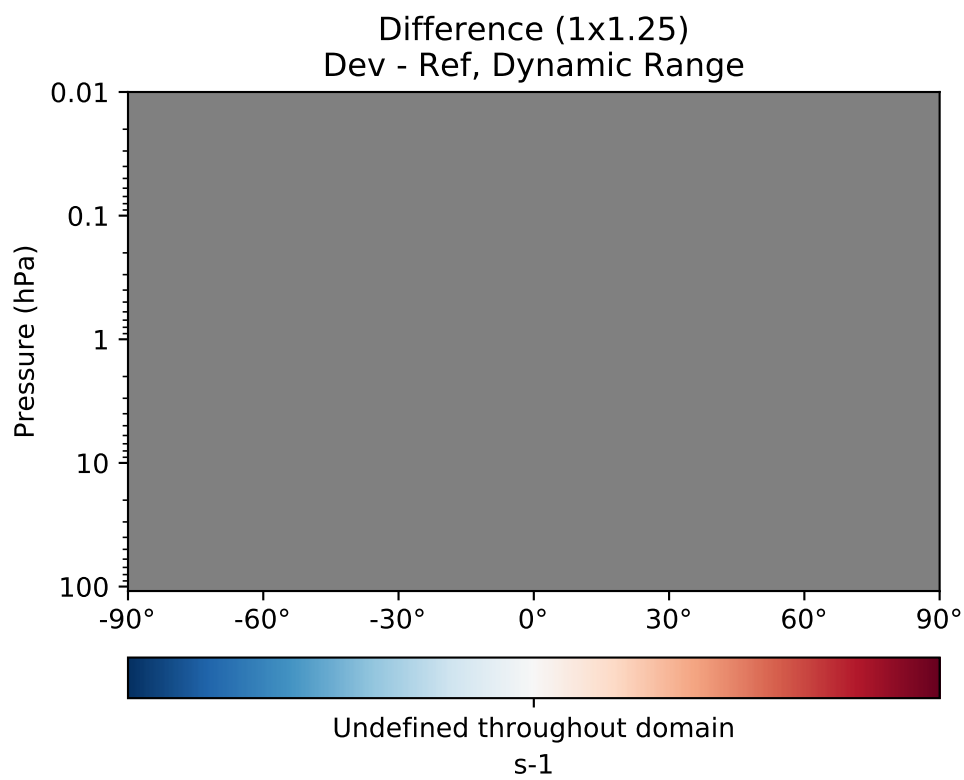
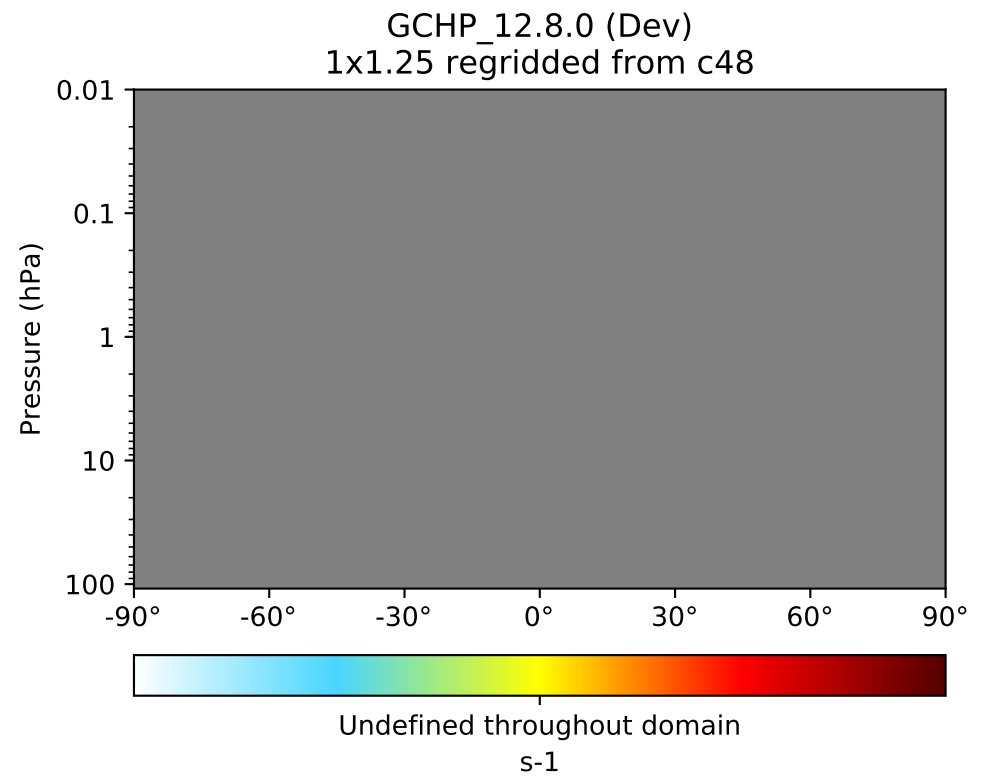
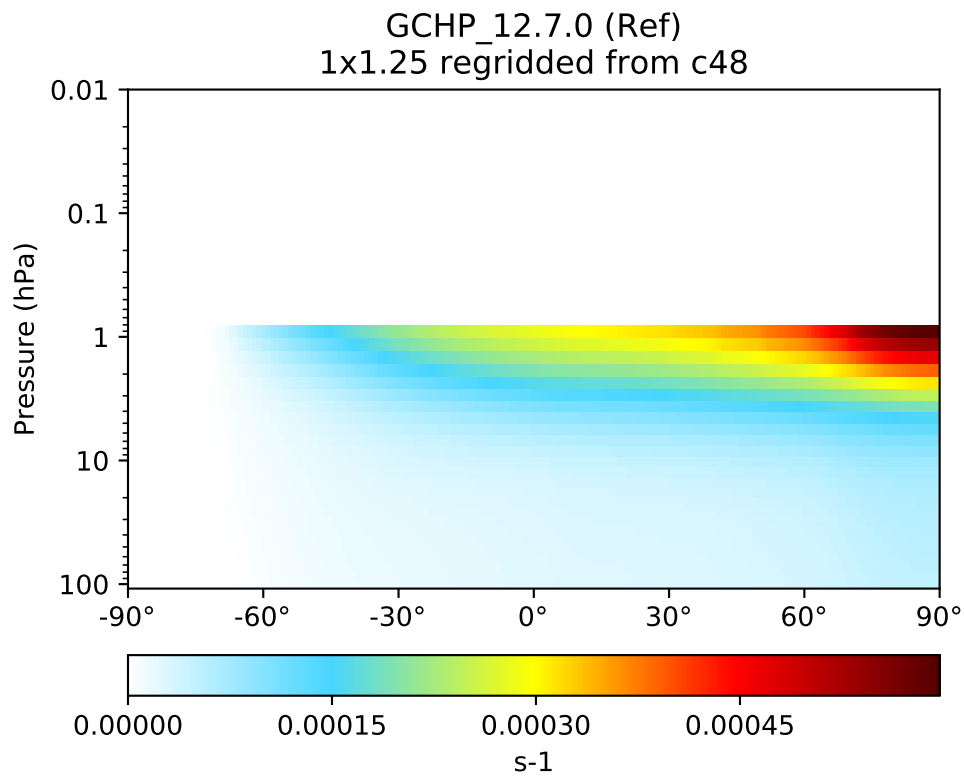
Jval_Cl2O2, Zonal Mean



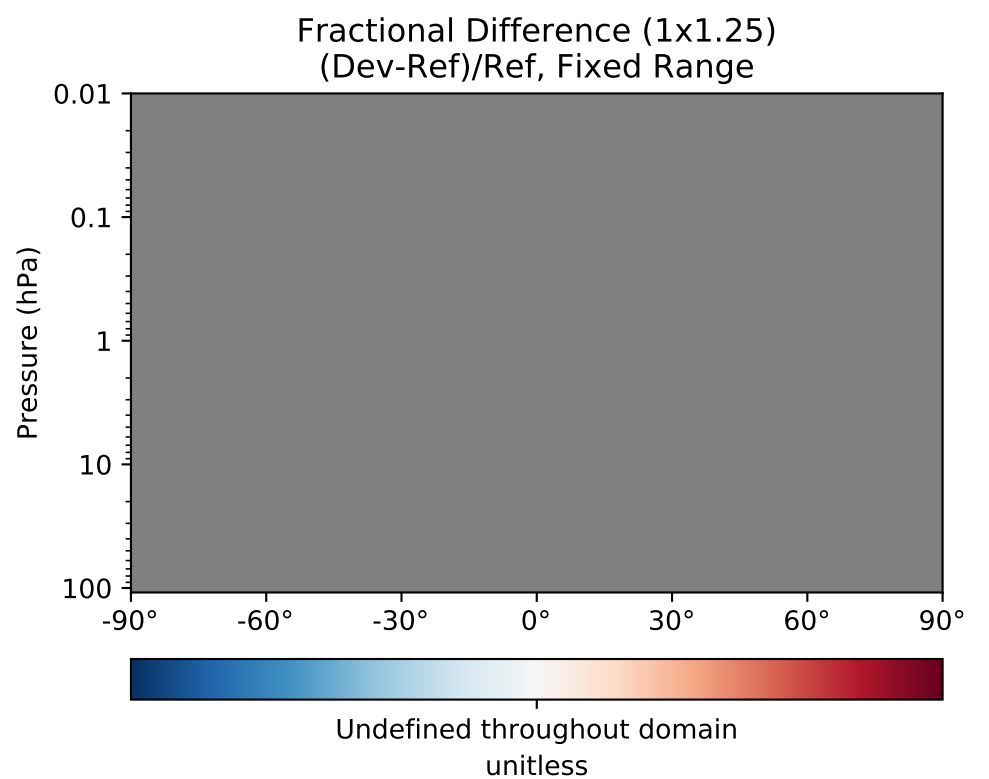
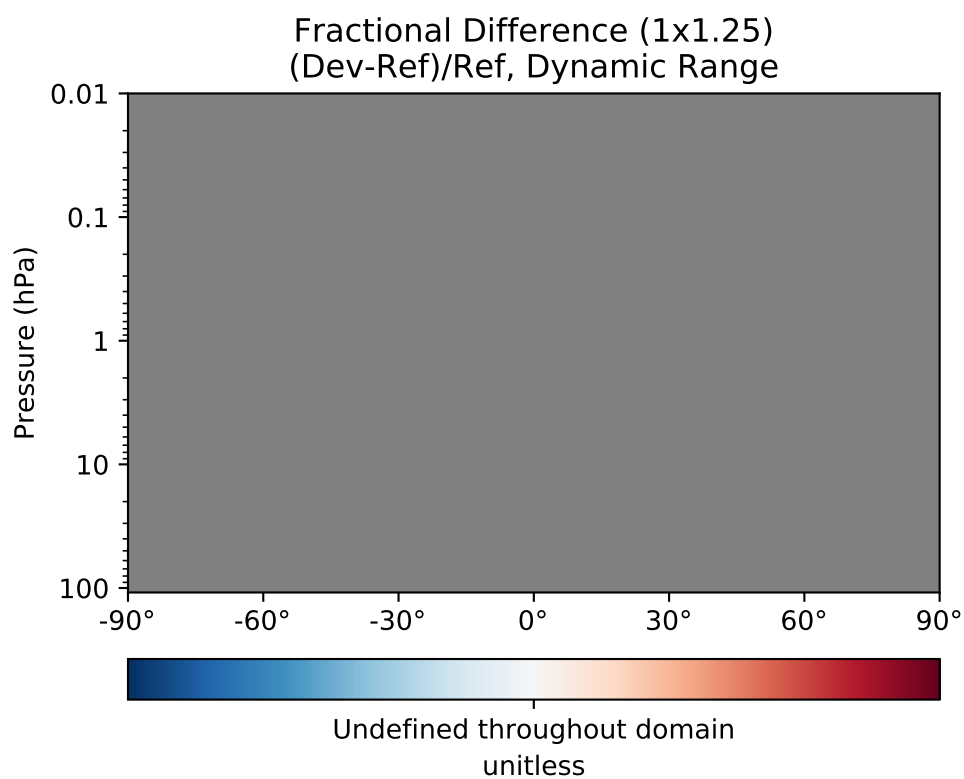
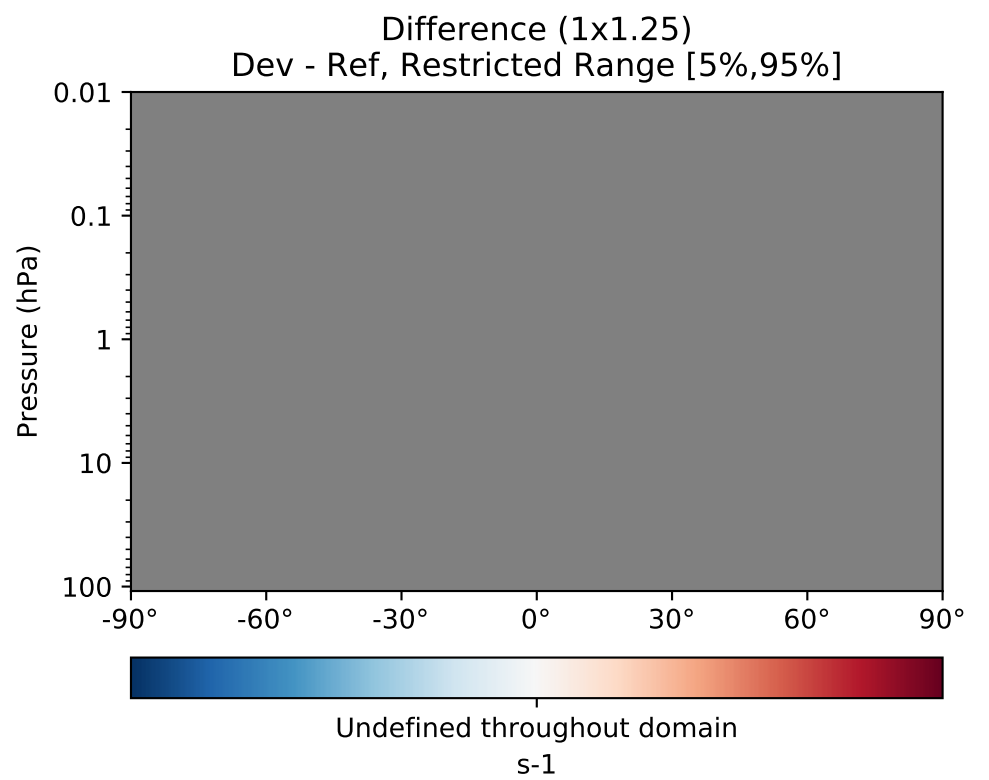
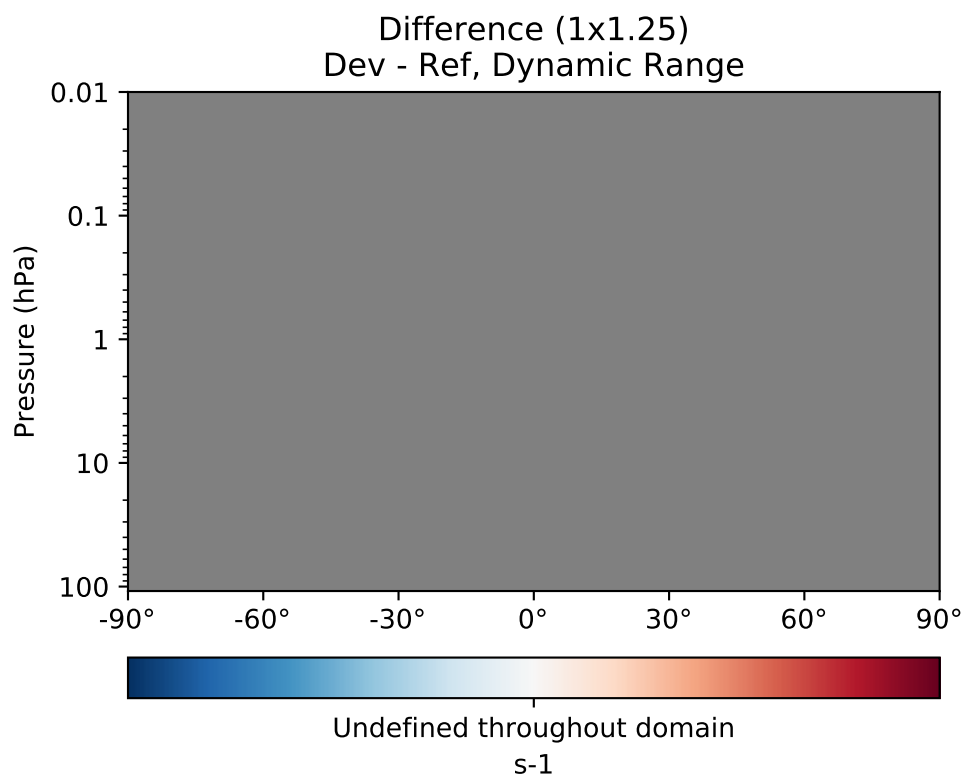
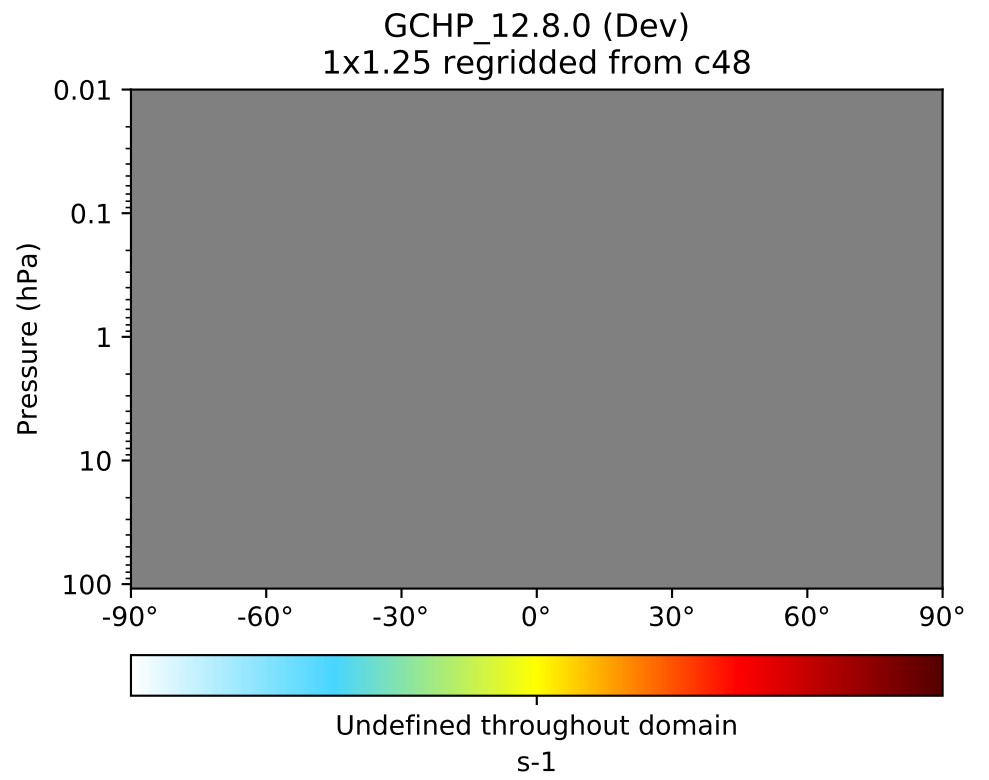
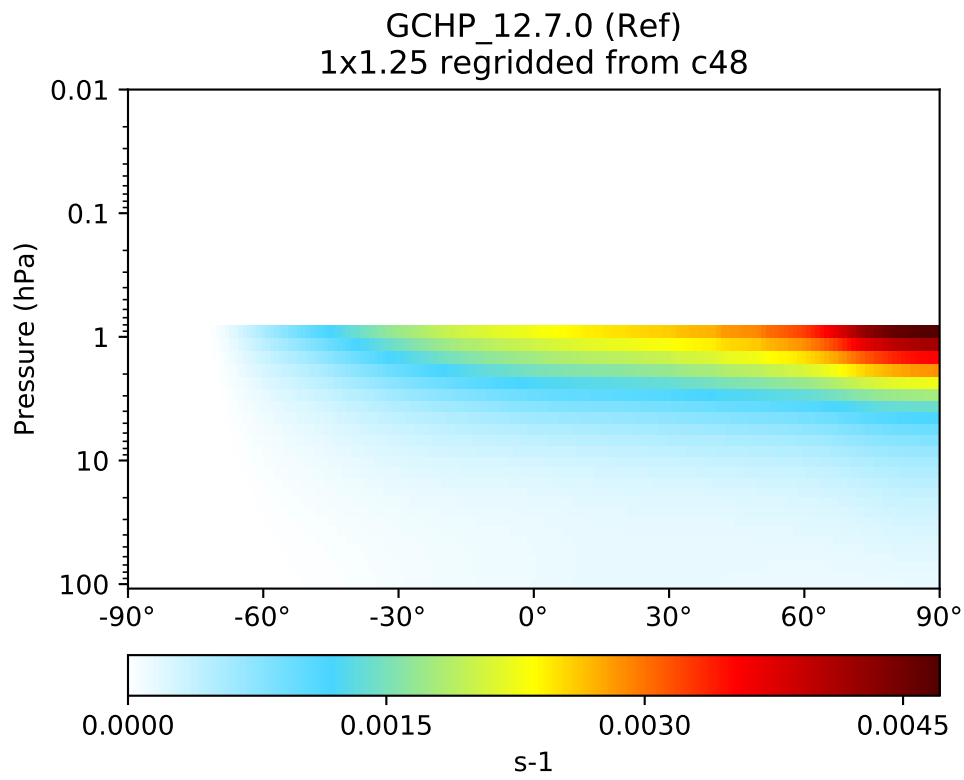
Jval_CIN02, Zonal Mean



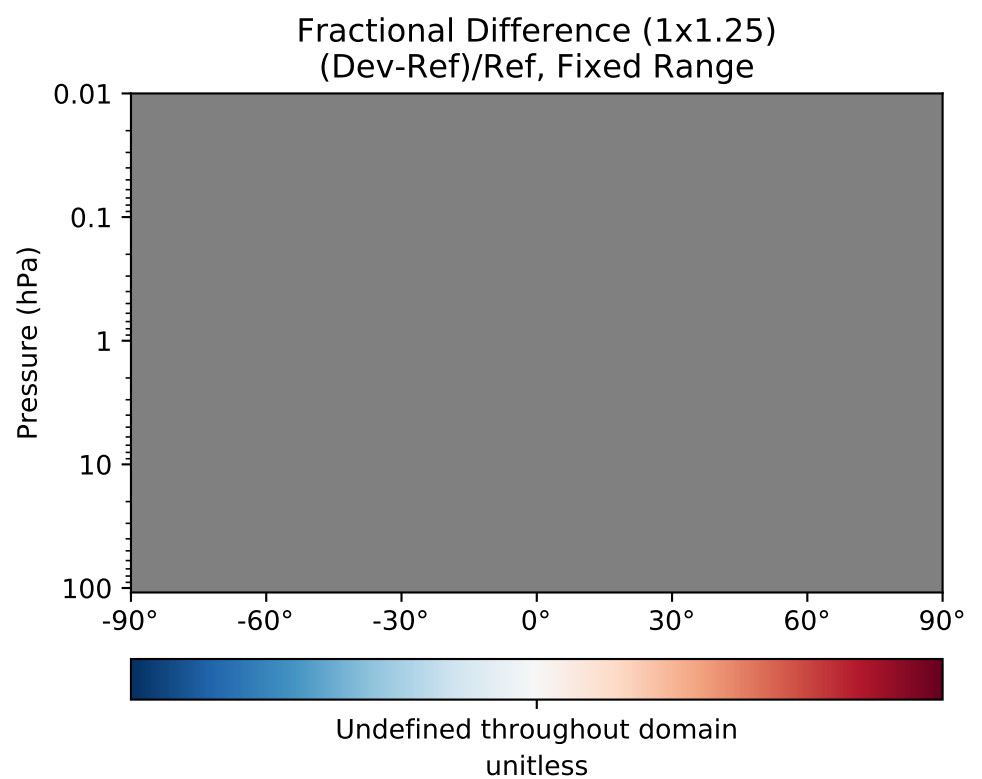
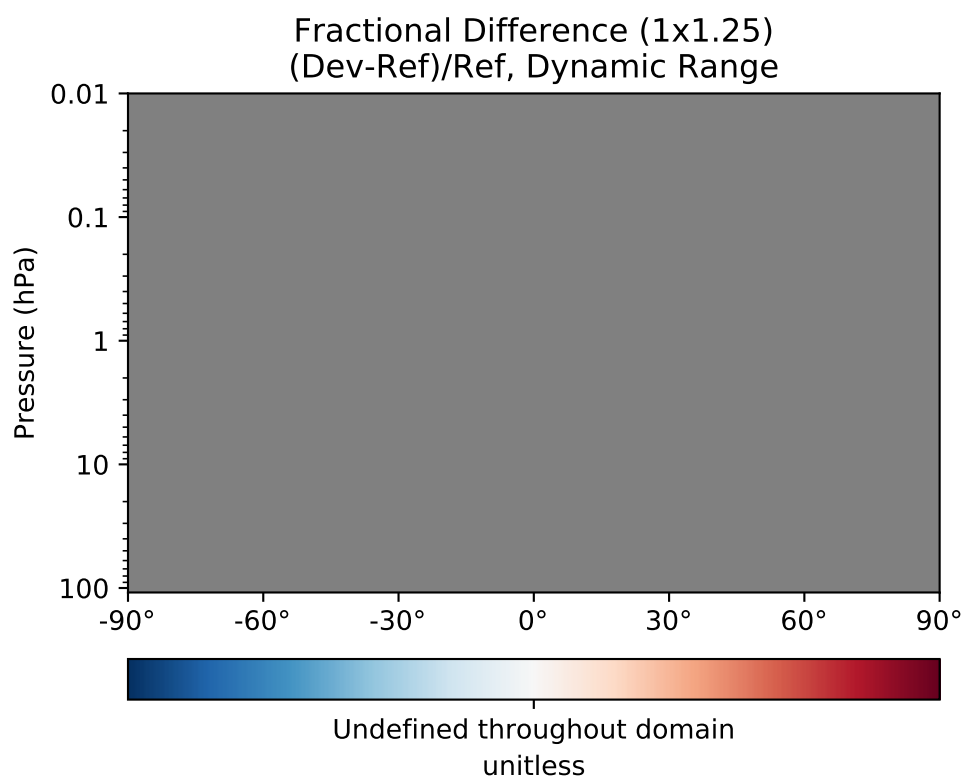
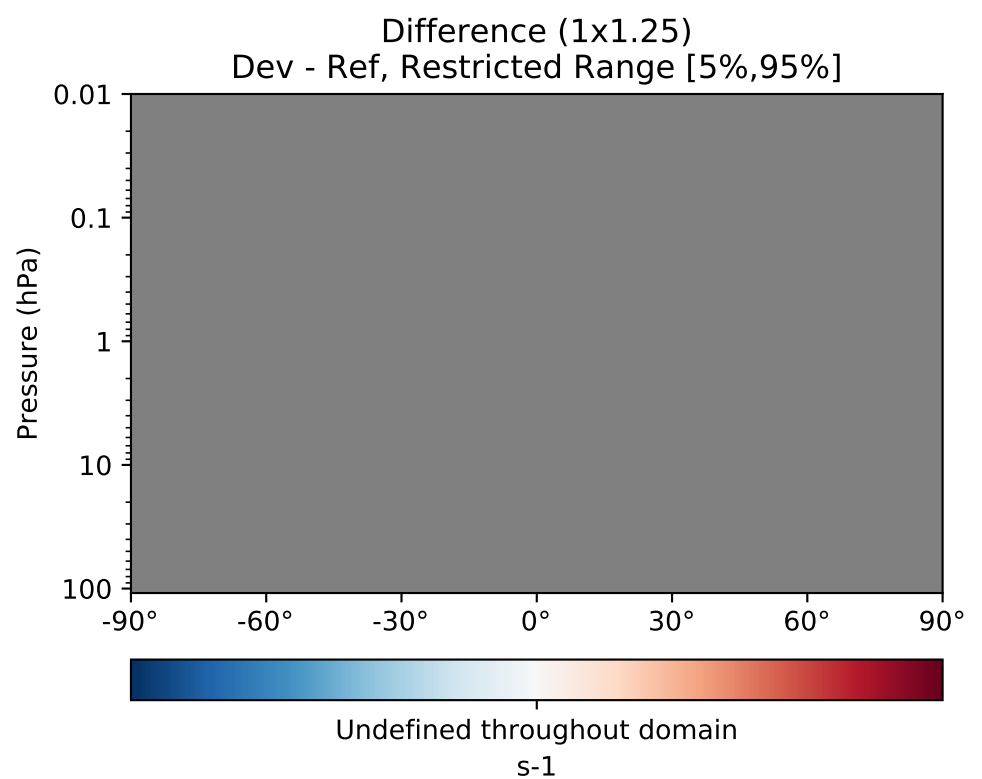
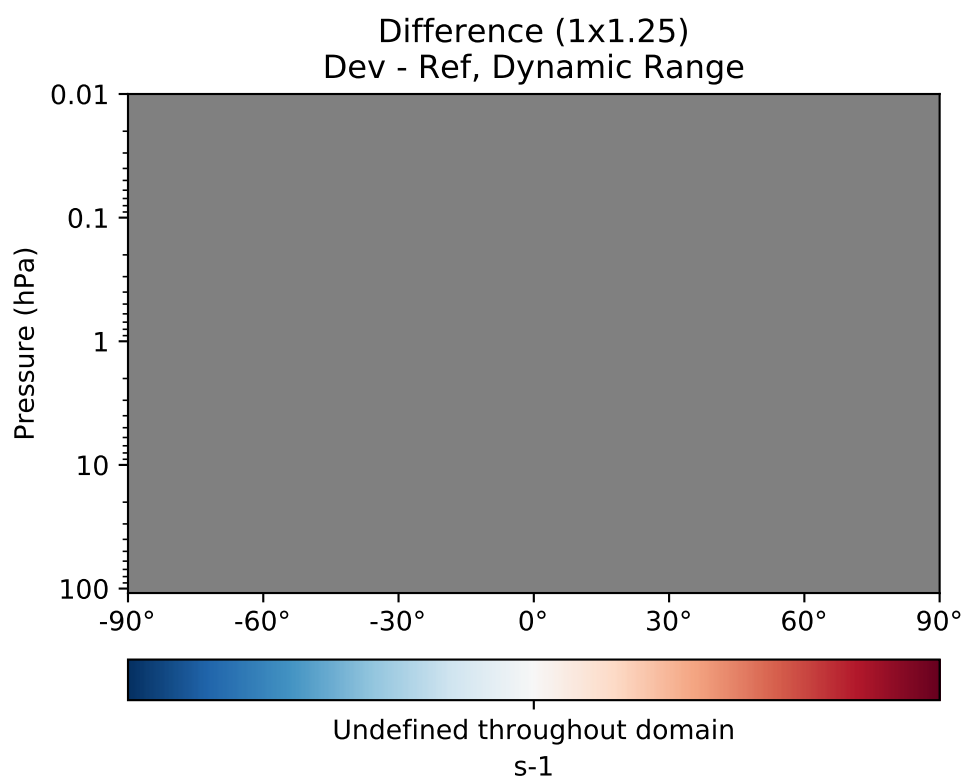
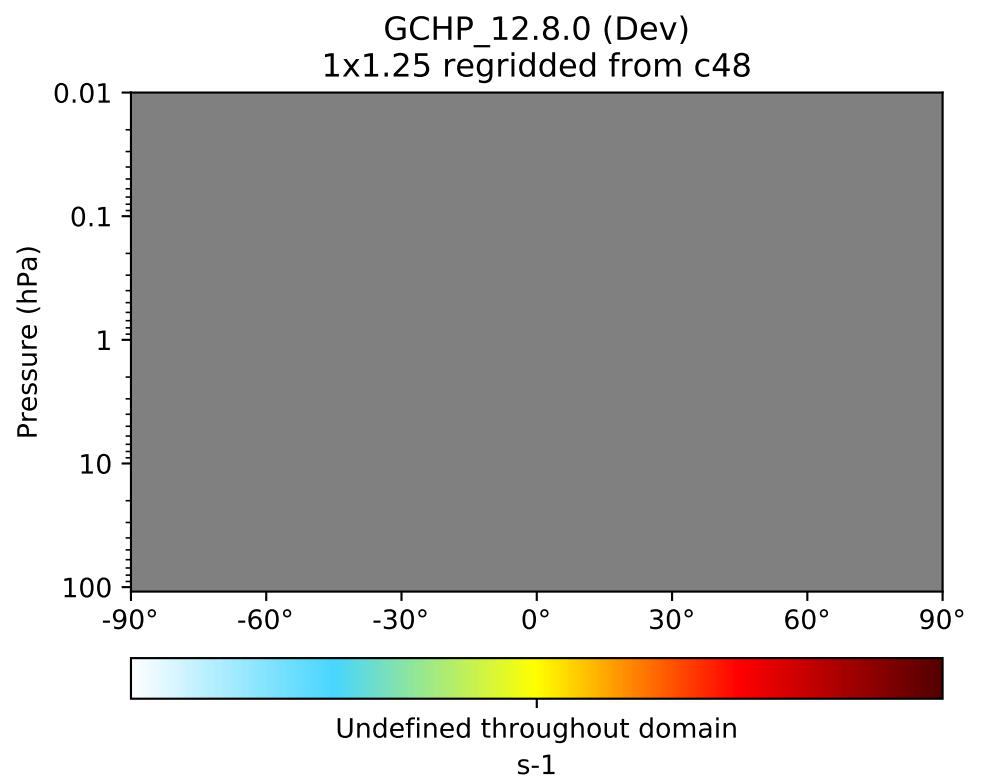
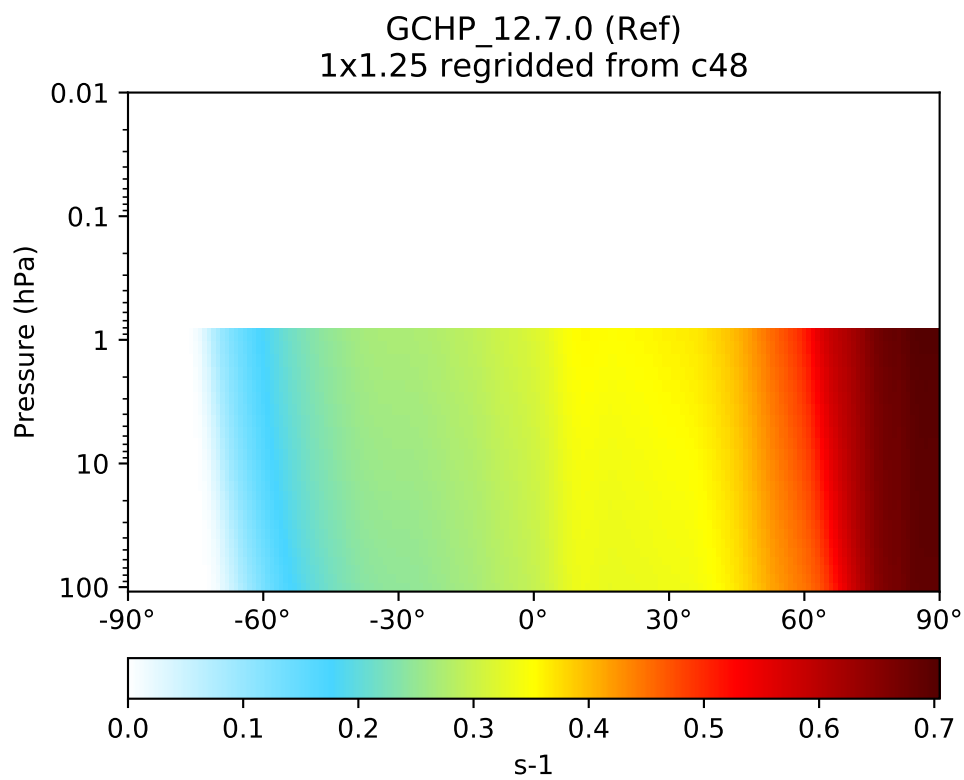
Jval_CIN03, Zonal Mean



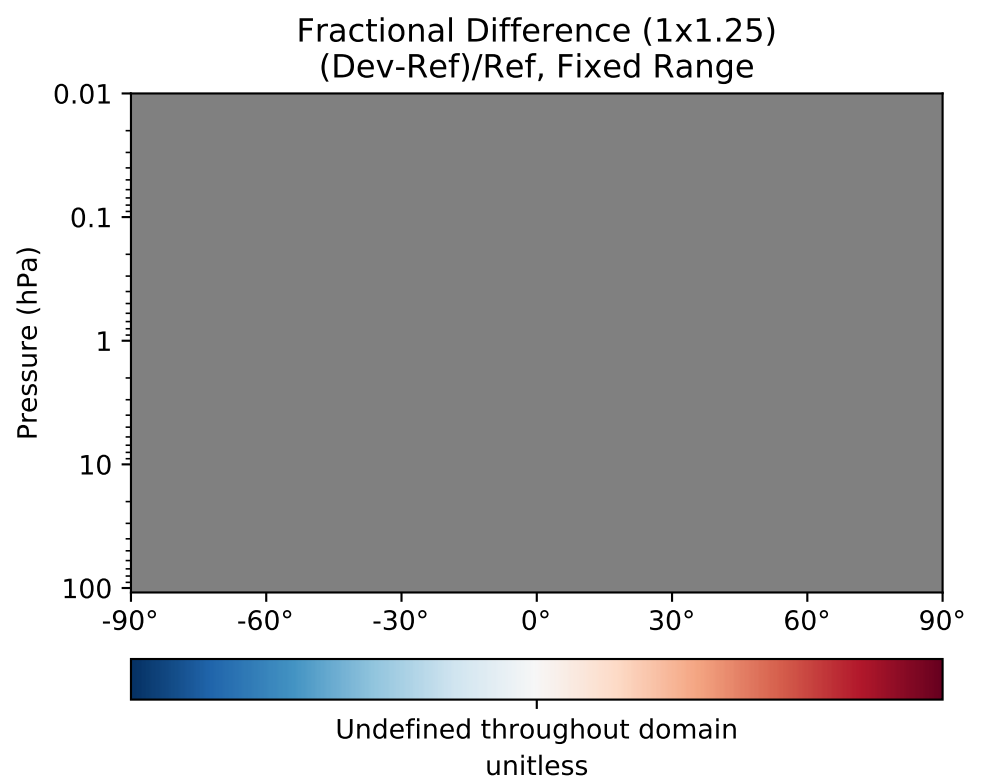
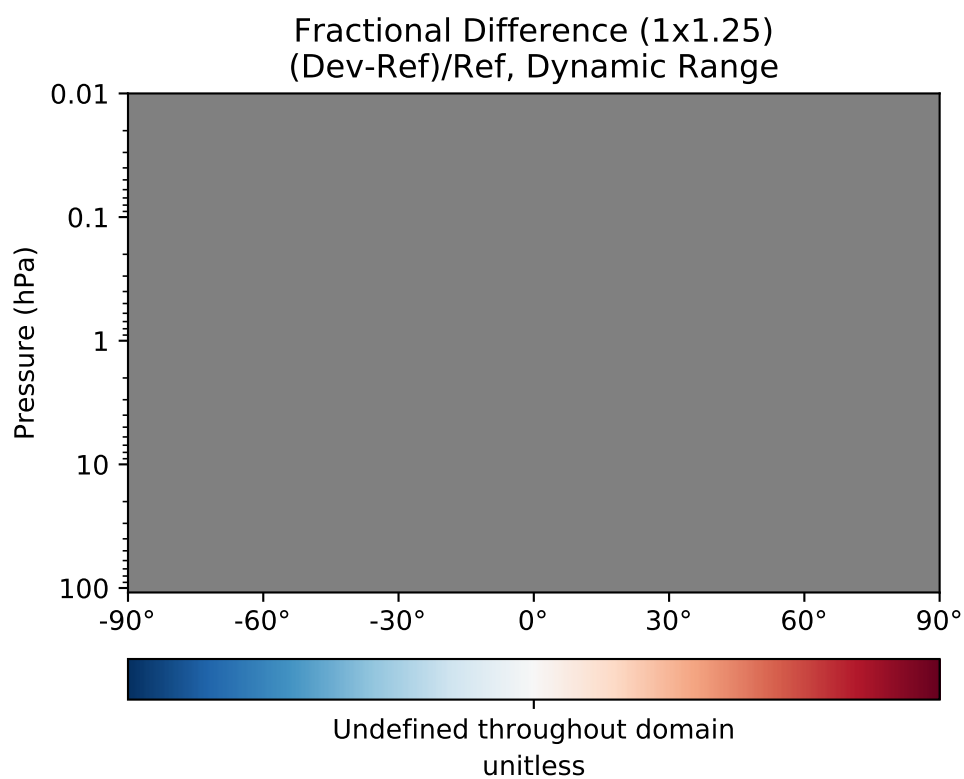
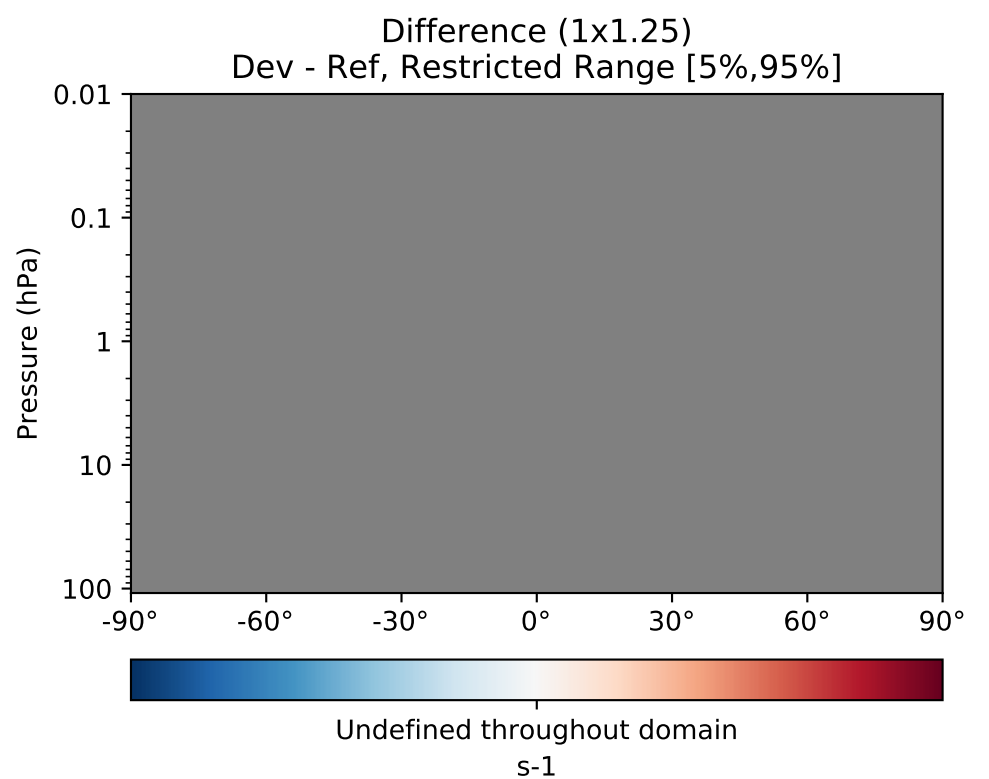
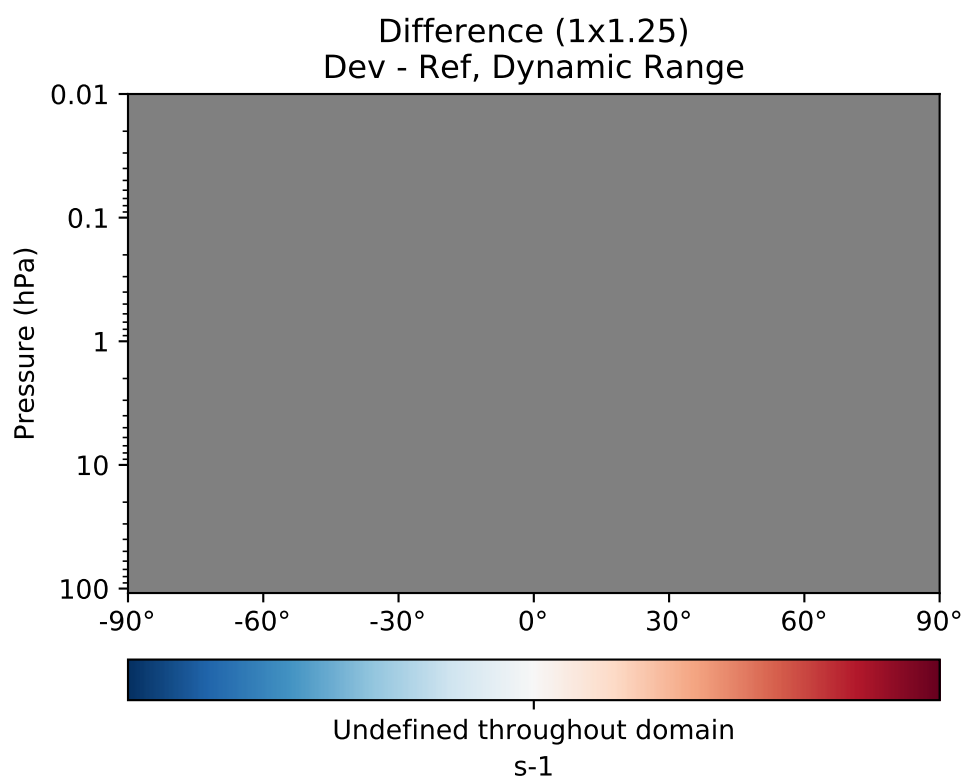
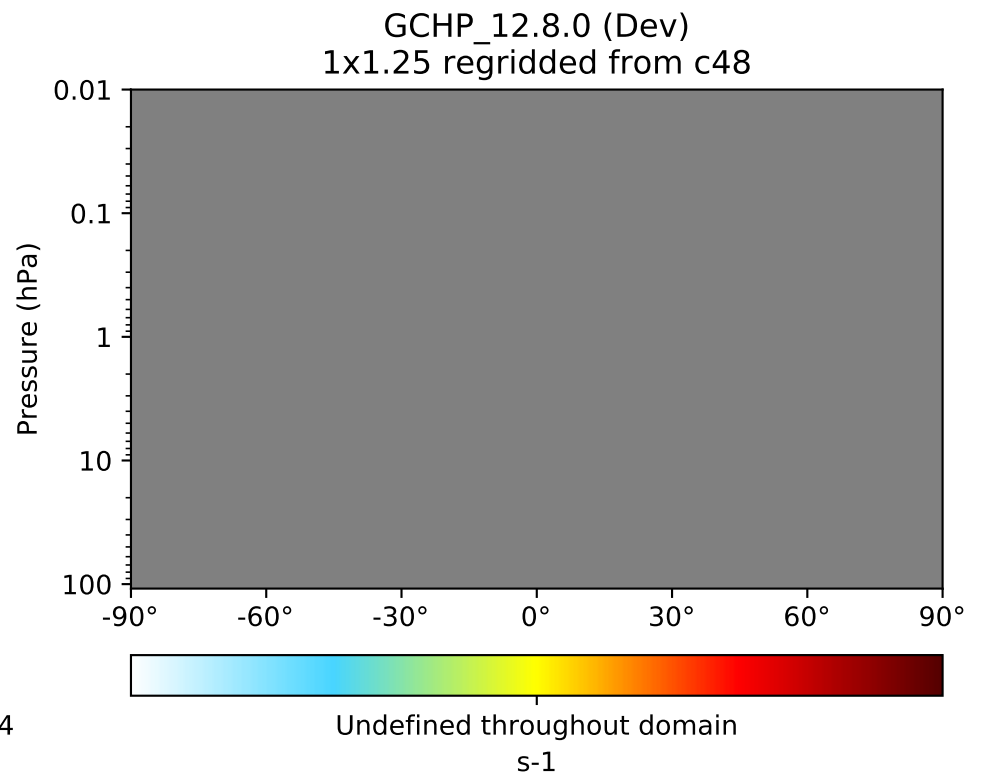
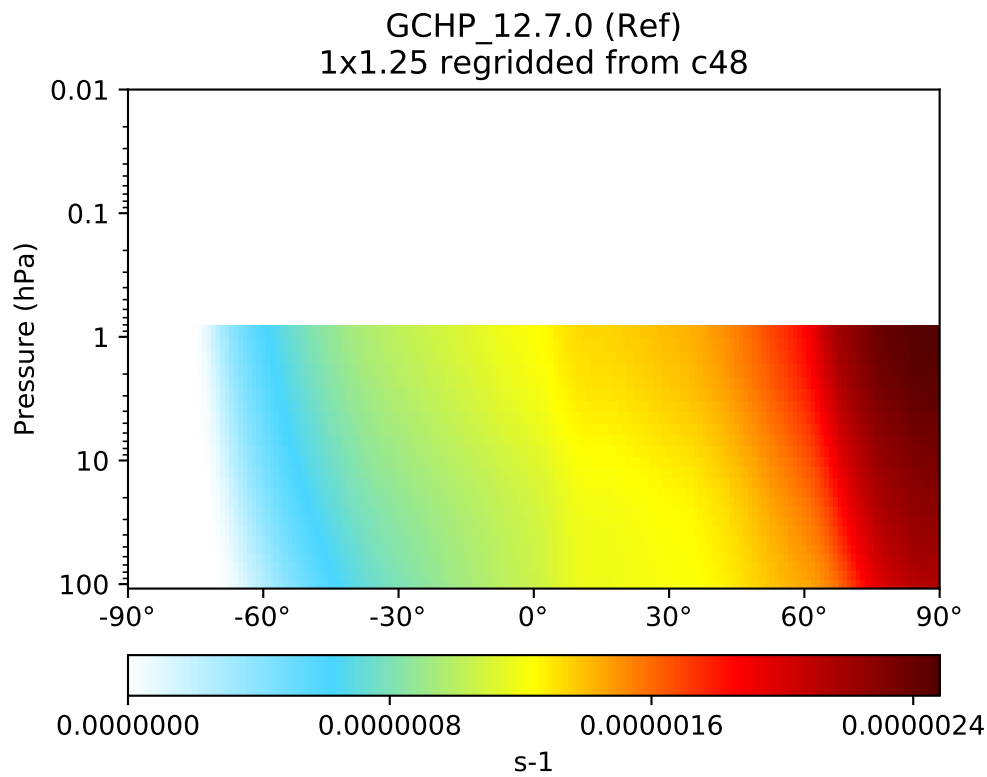
Jval_CIO, Zonal Mean



Jval_C100, Zonal Mean

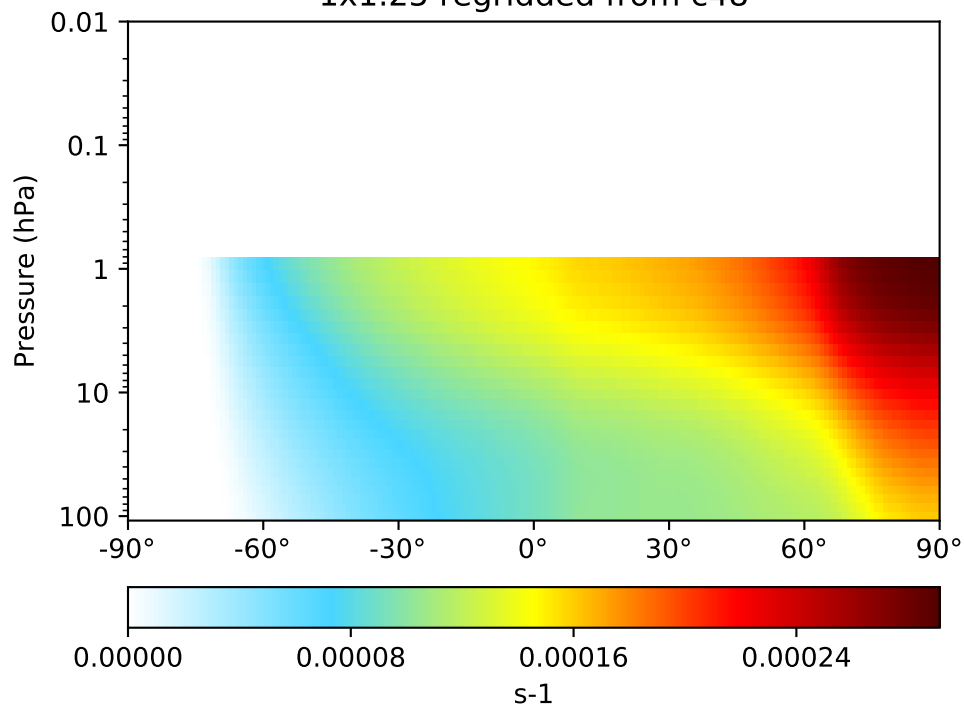


Jval_DHDC, Zonal Mean

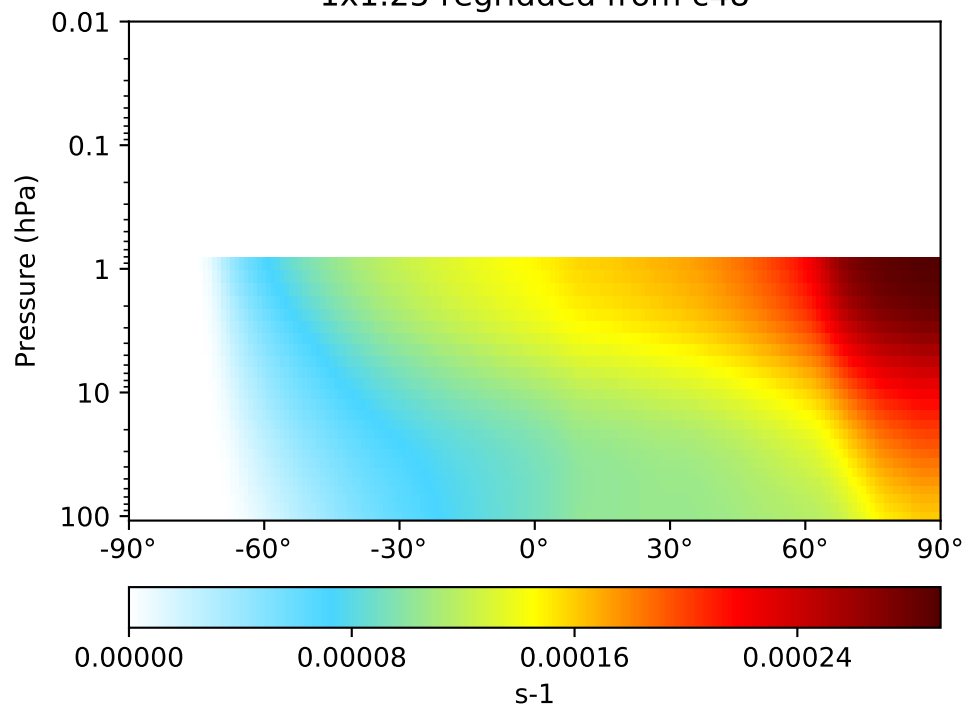


Jval_ETHLN, Zonal Mean

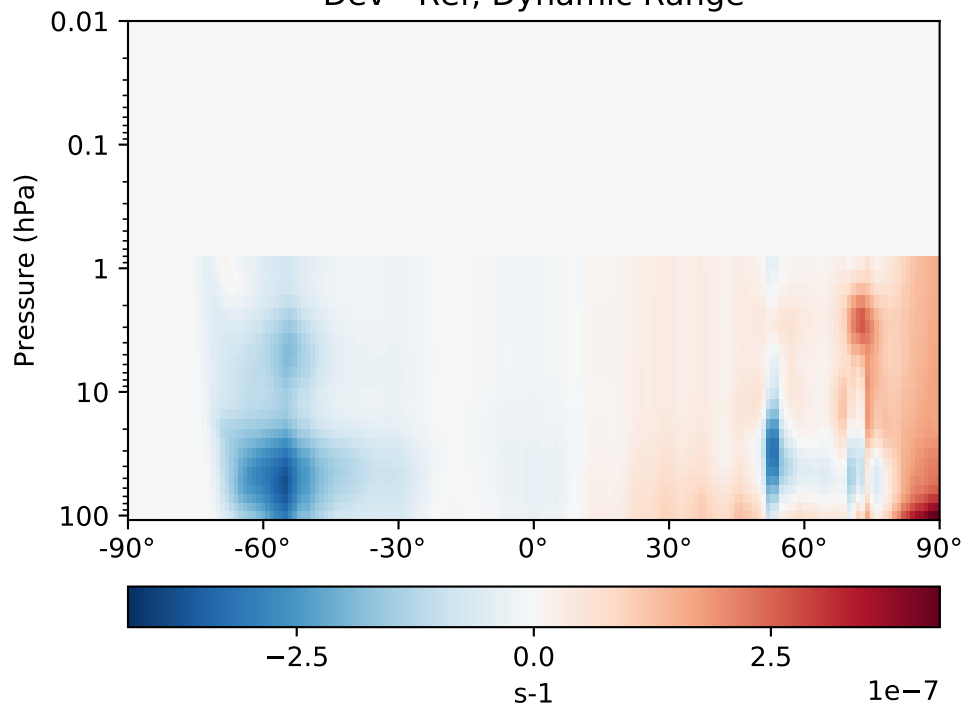
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



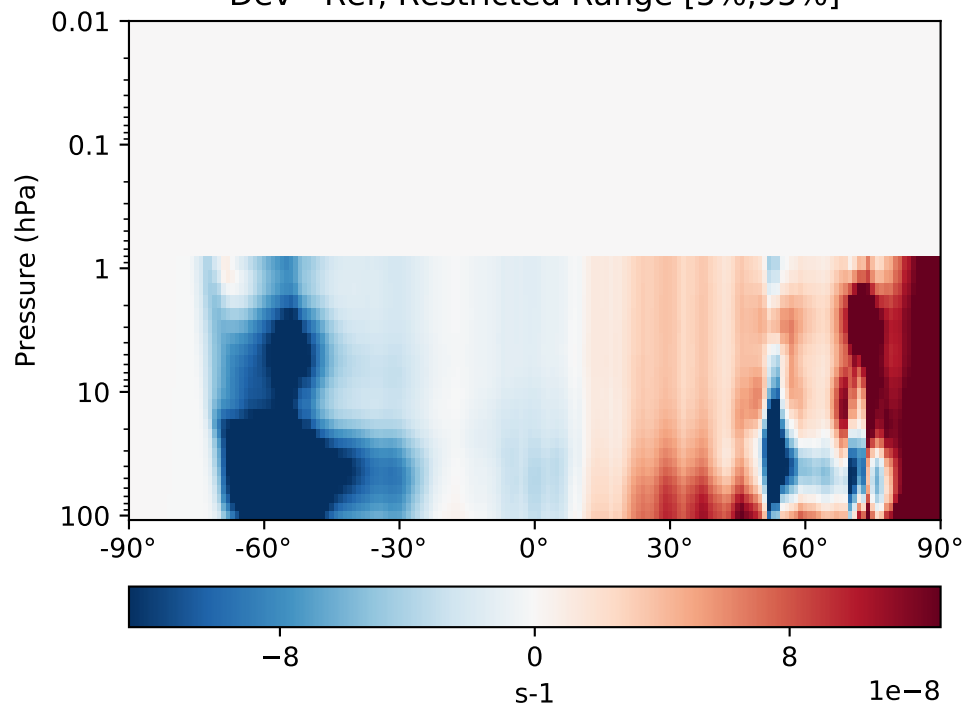
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



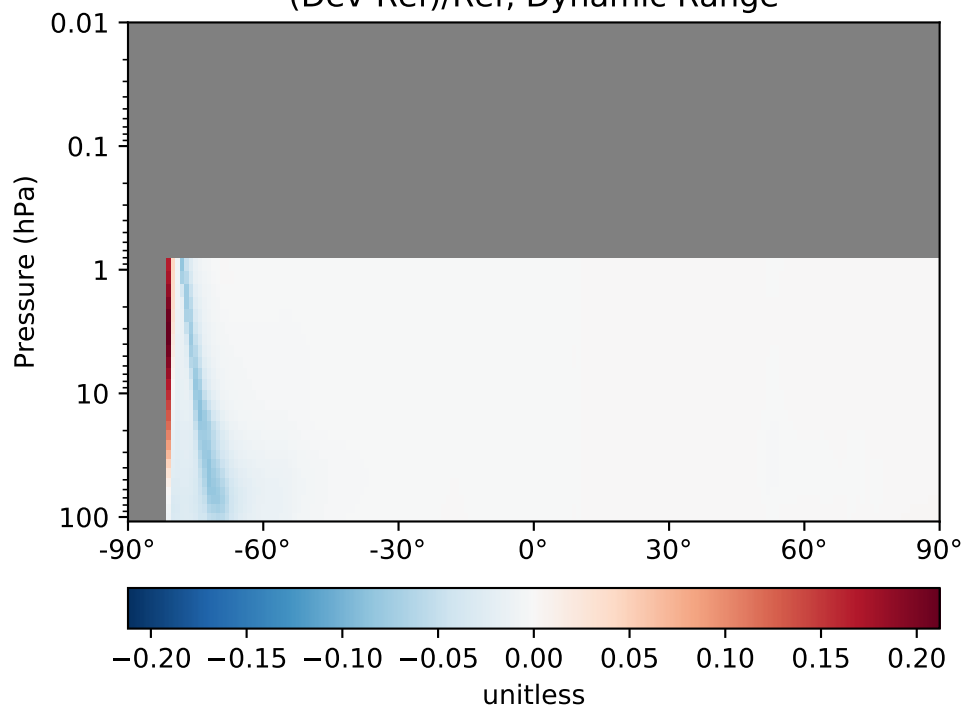
Difference (1x1.25)
Dev - Ref, Dynamic Range



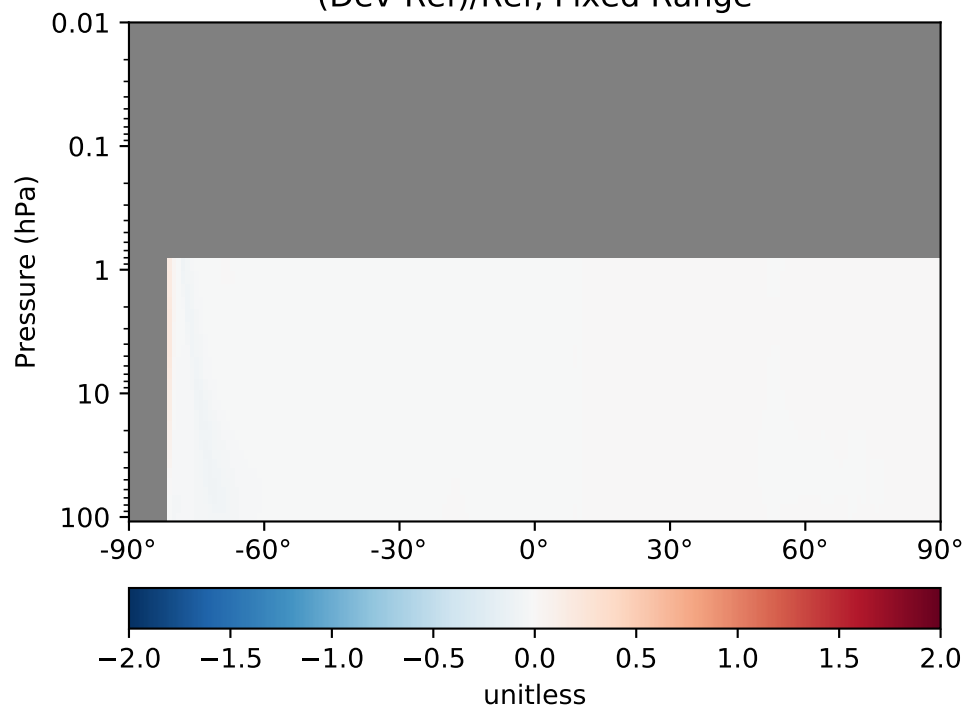
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



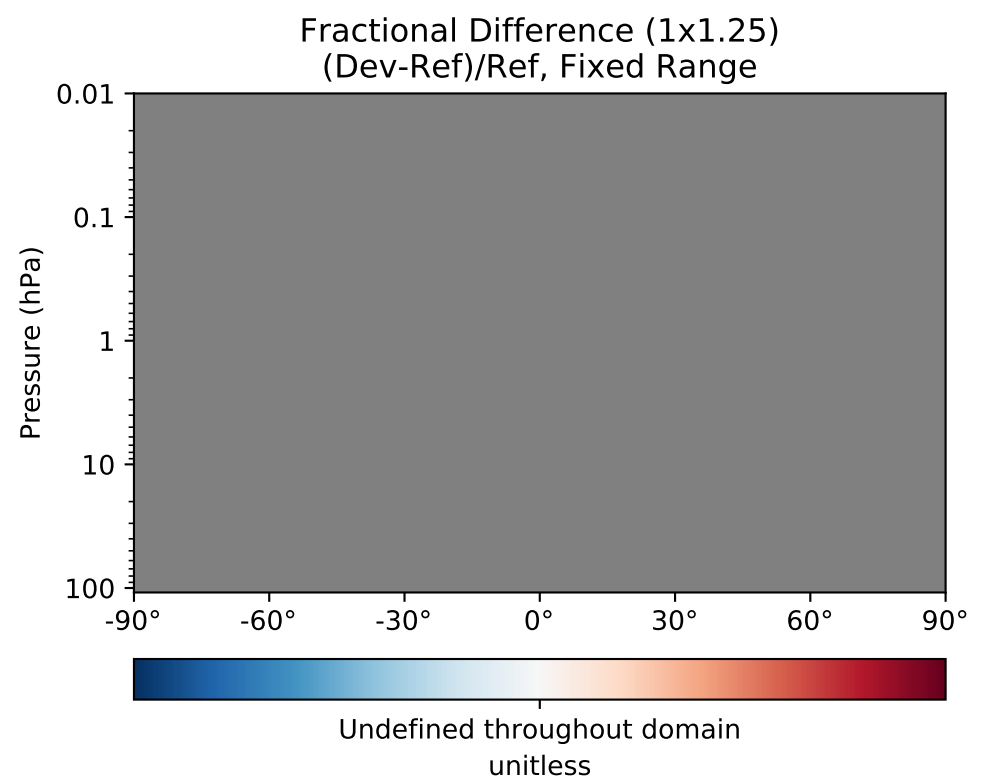
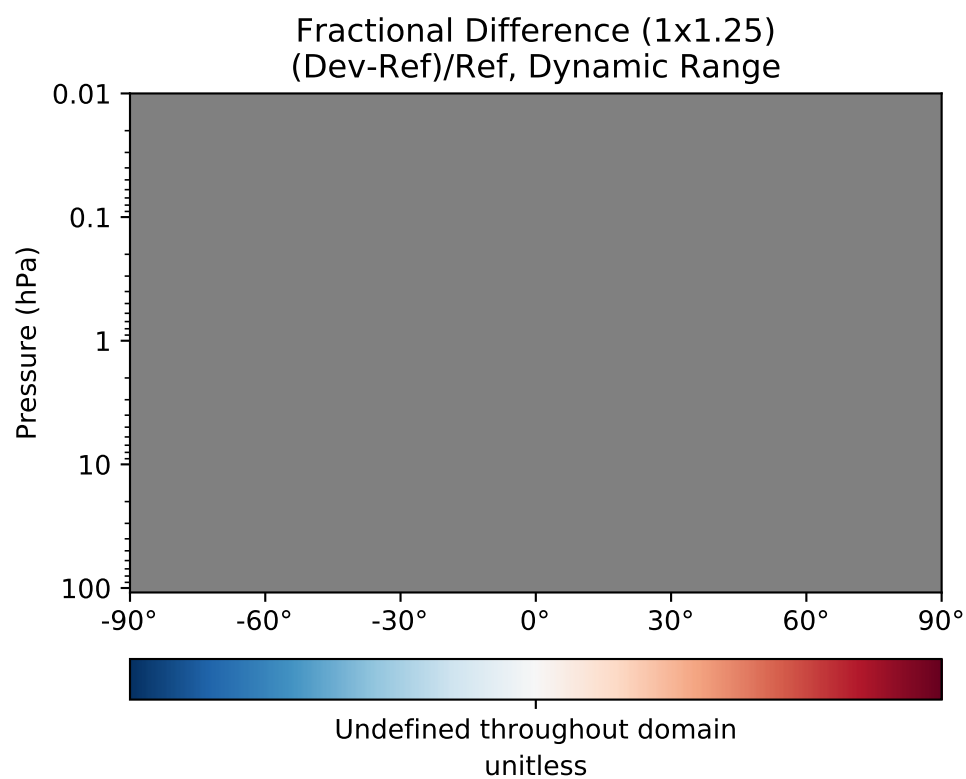
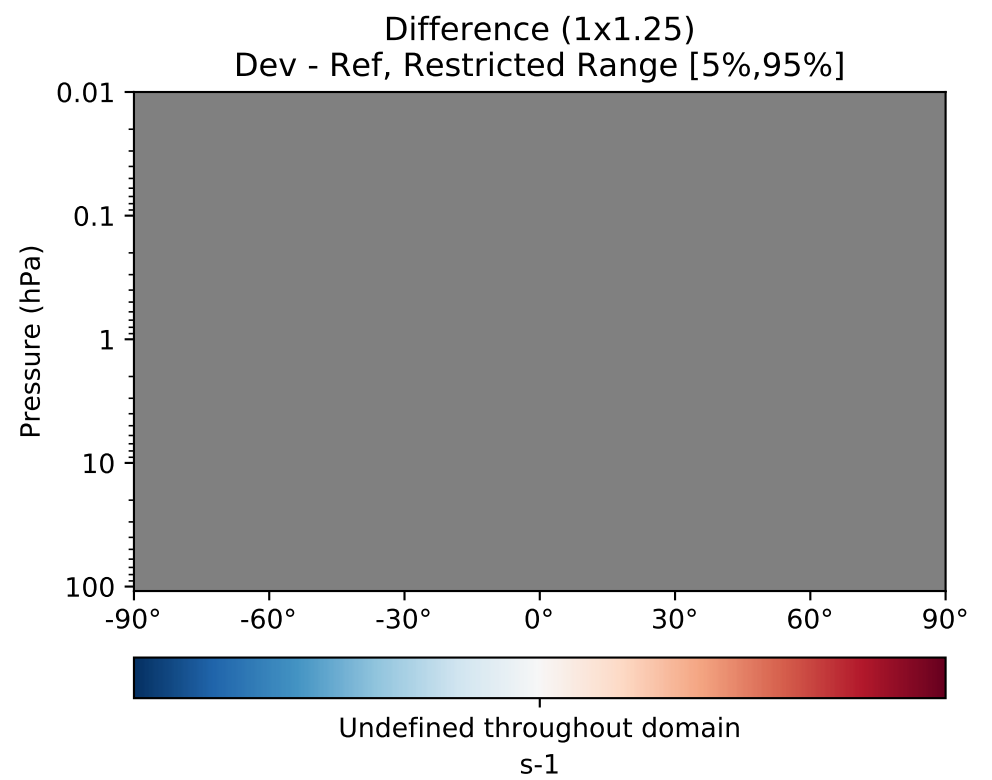
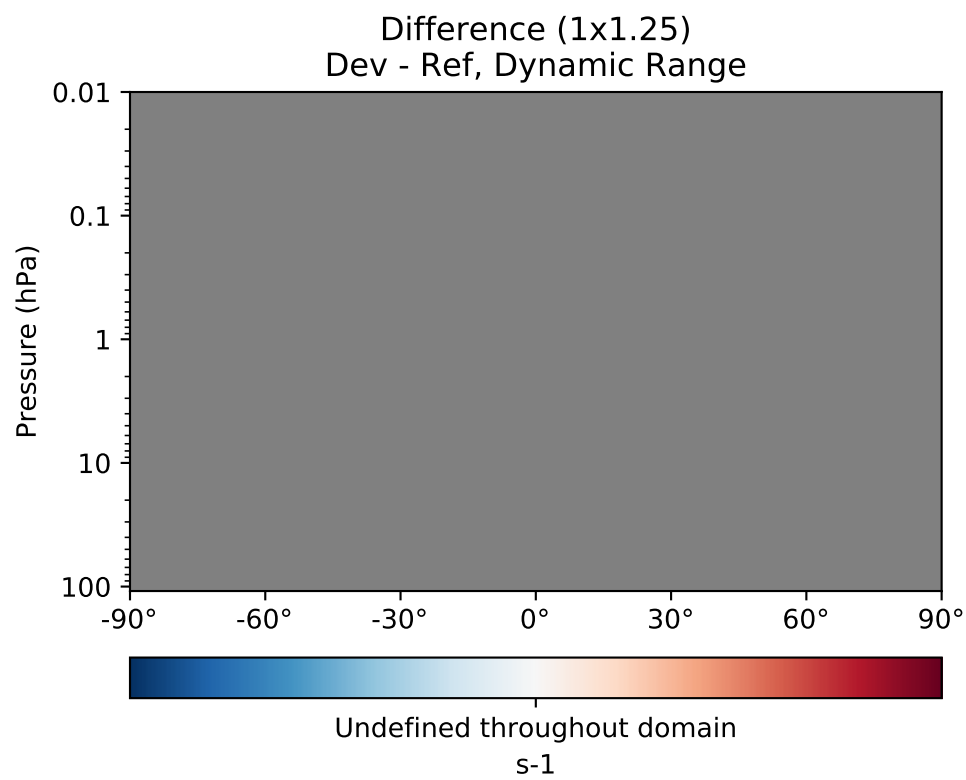
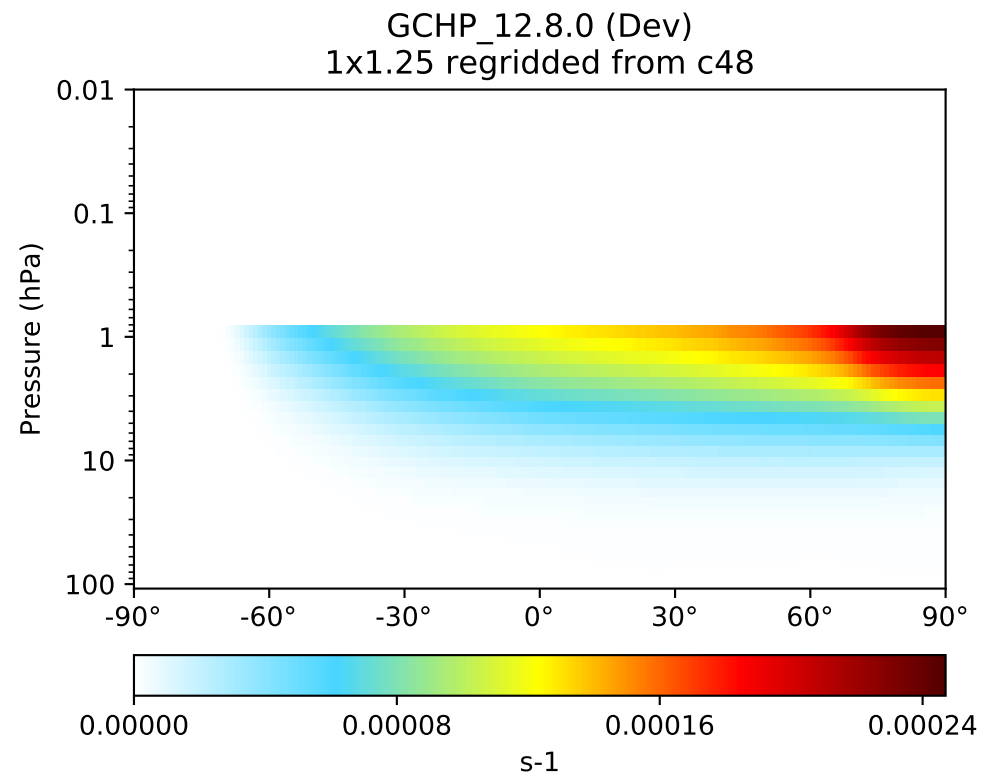
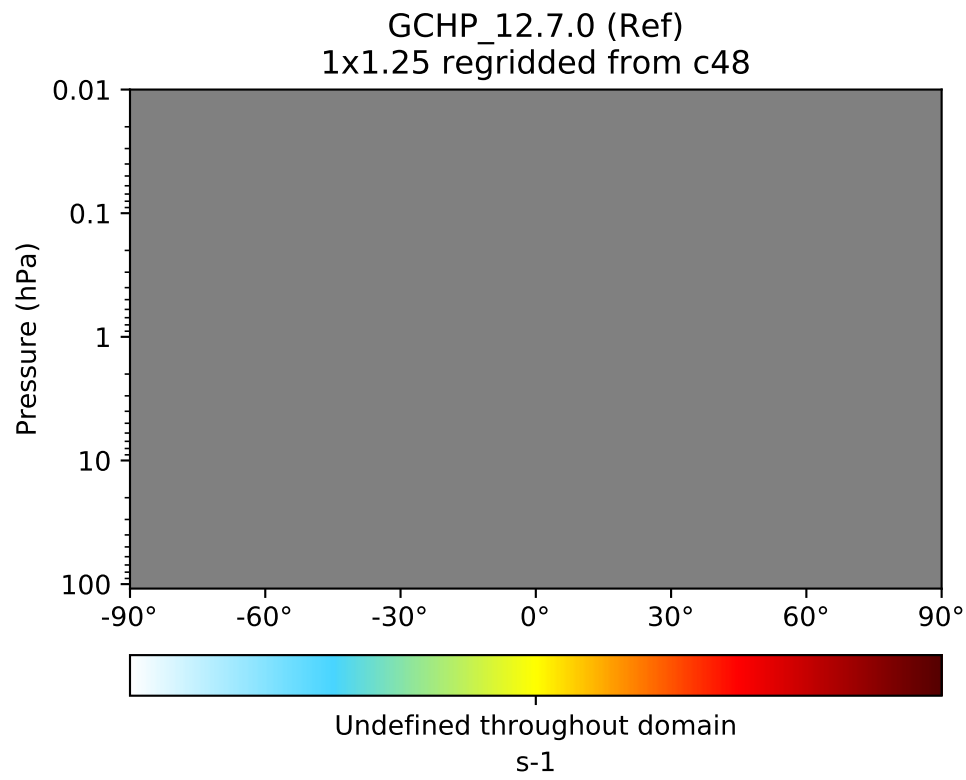
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

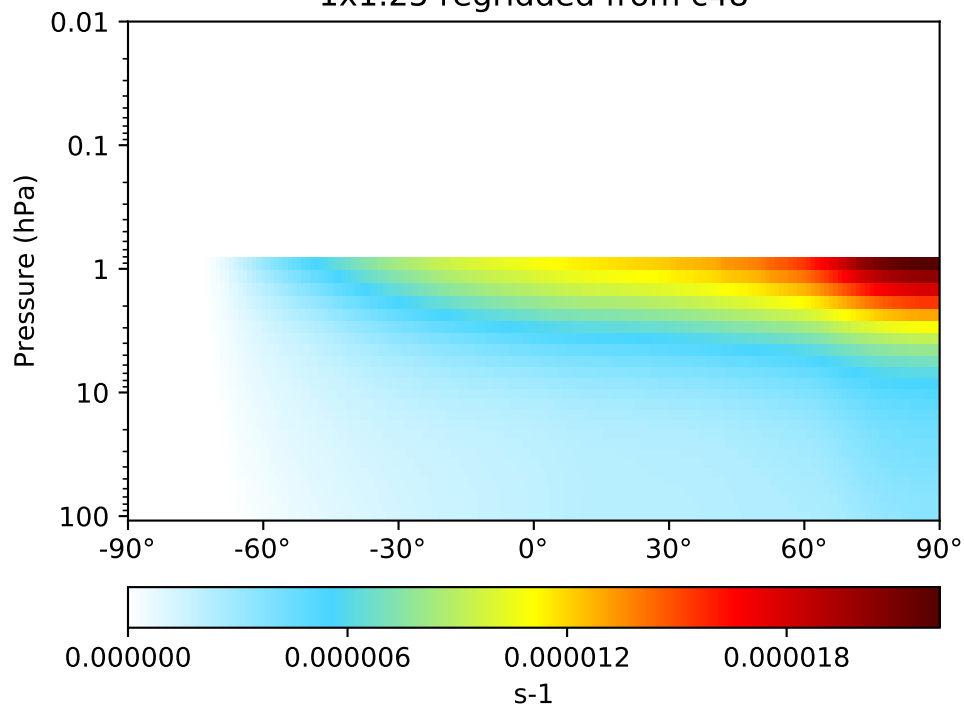


Jval_ETNO3, Zonal Mean

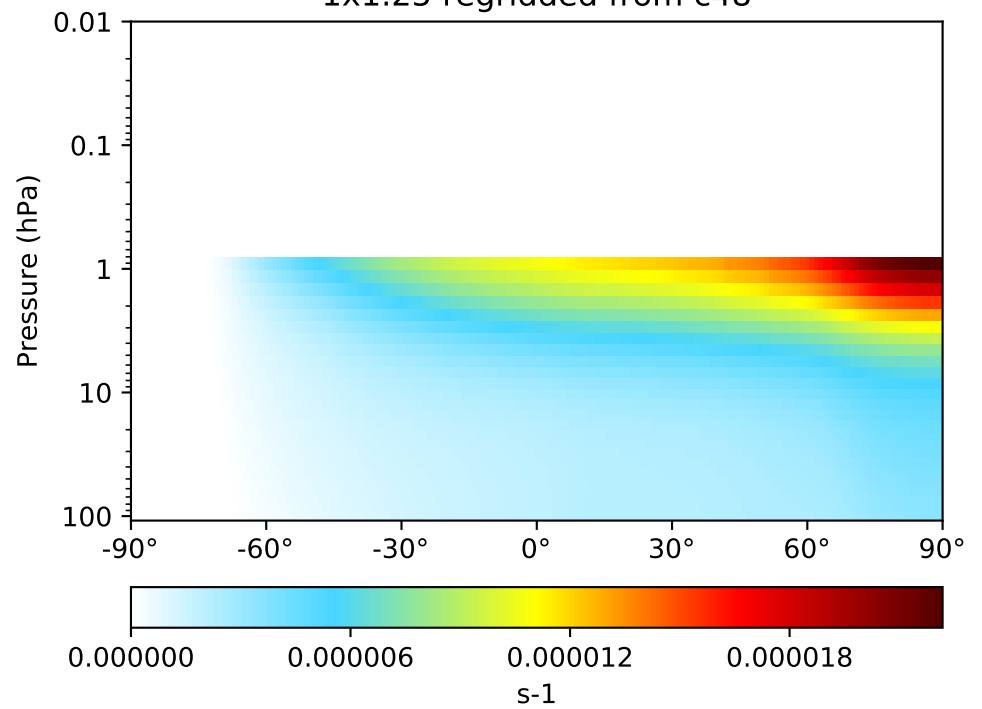


Jval_ETP, Zonal Mean

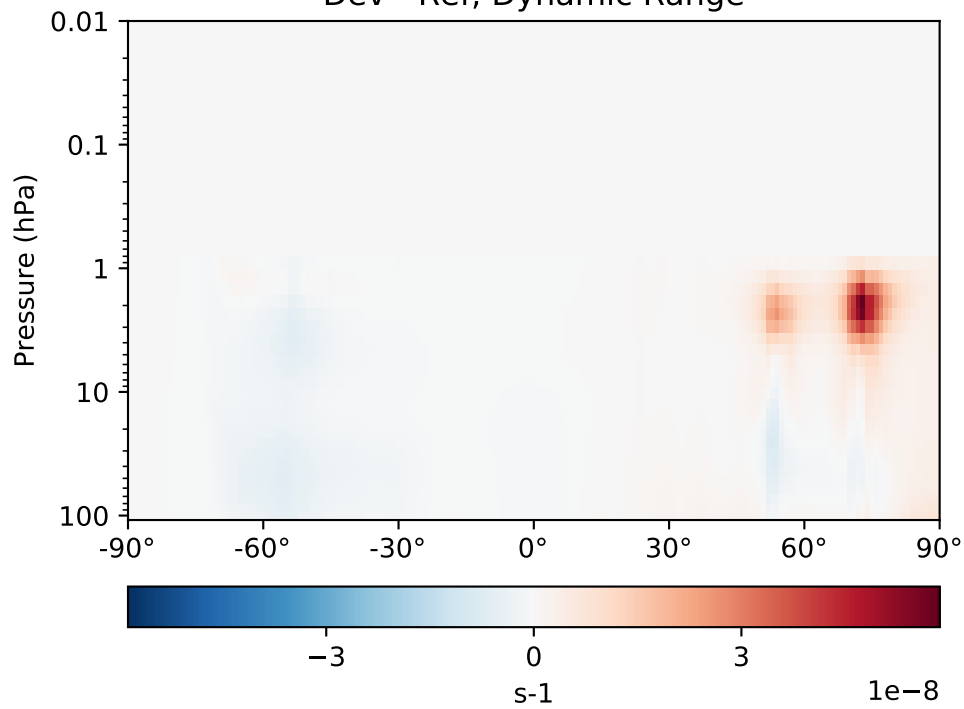
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



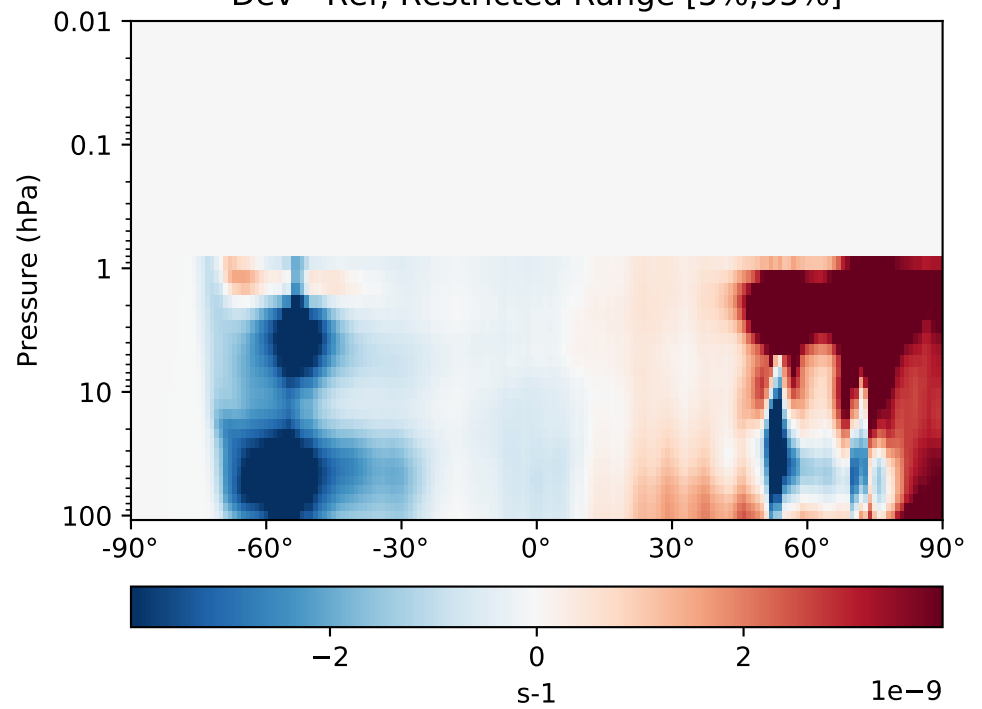
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



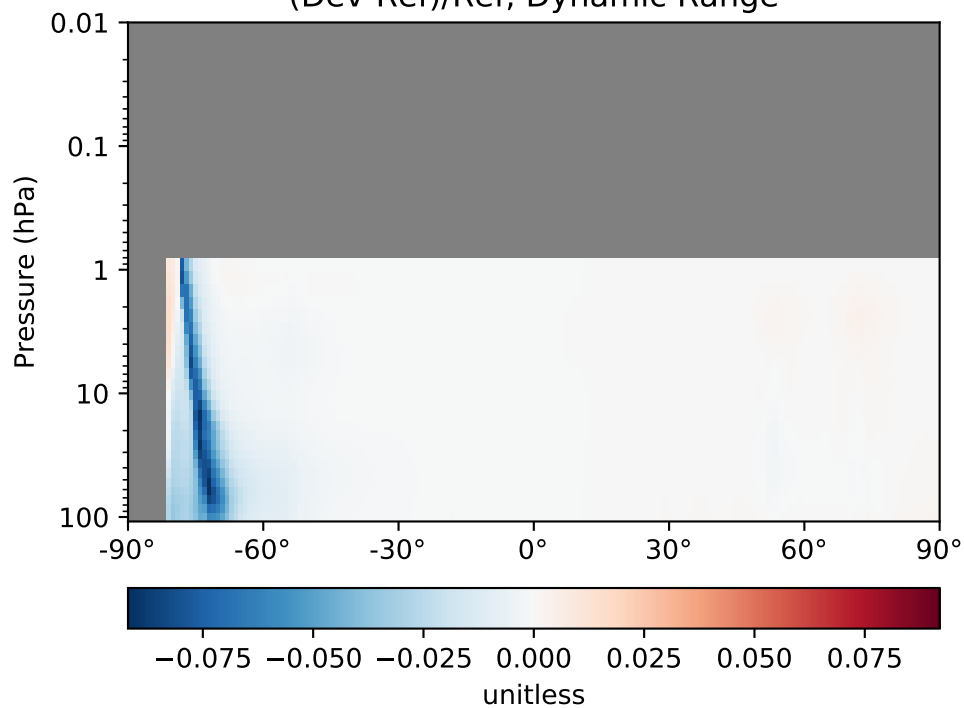
Difference (1x1.25)
Dev - Ref, Dynamic Range



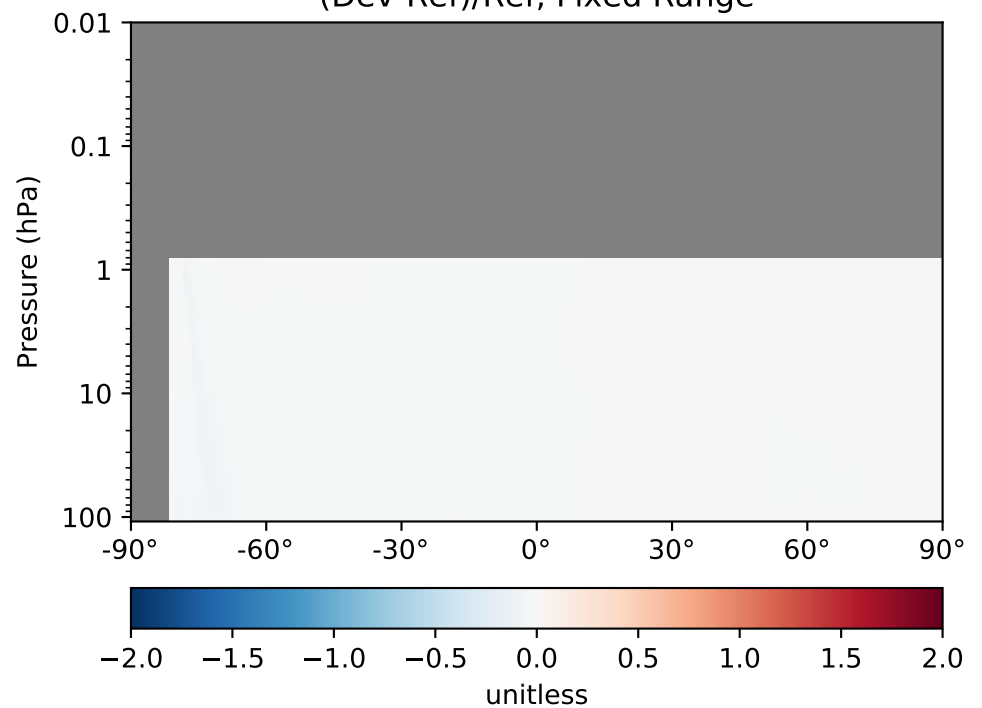
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



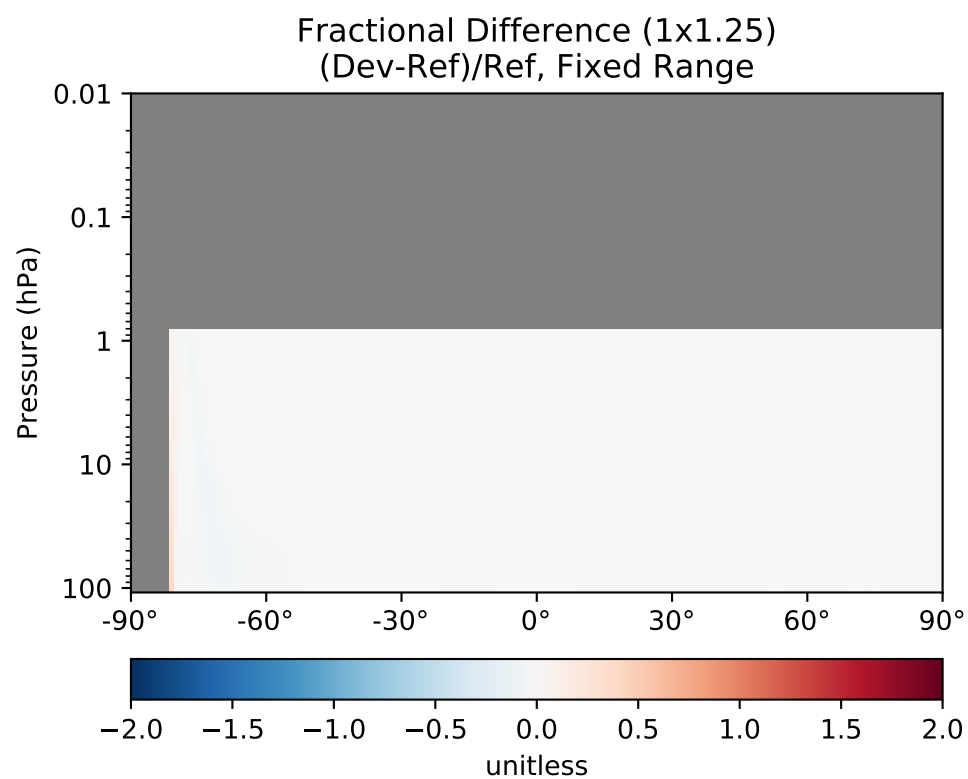
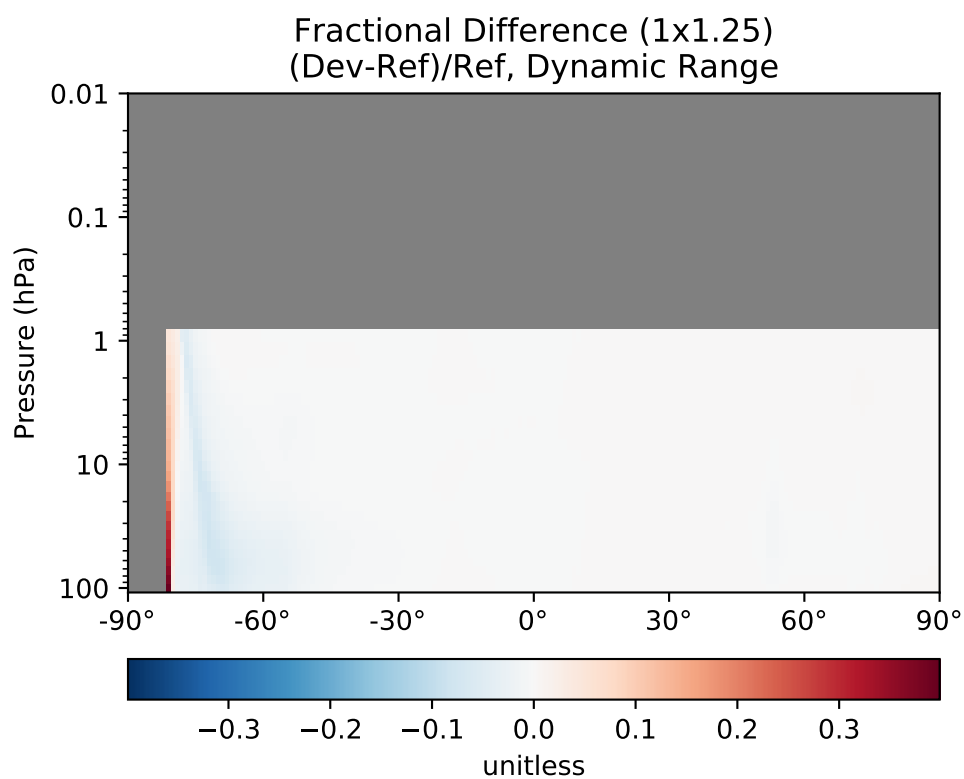
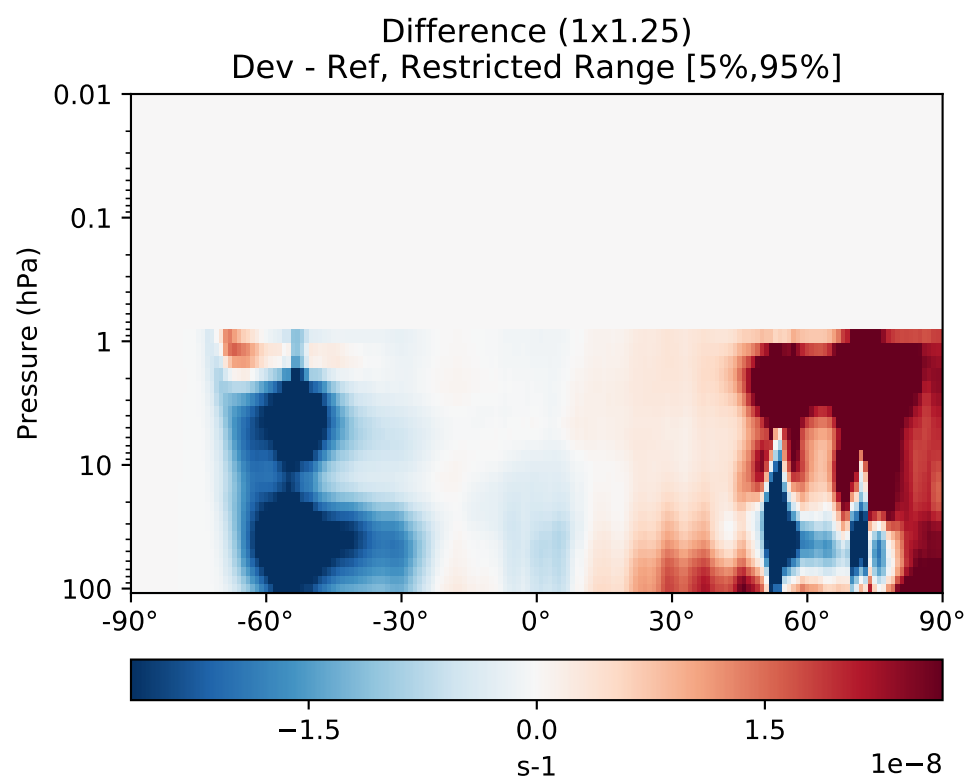
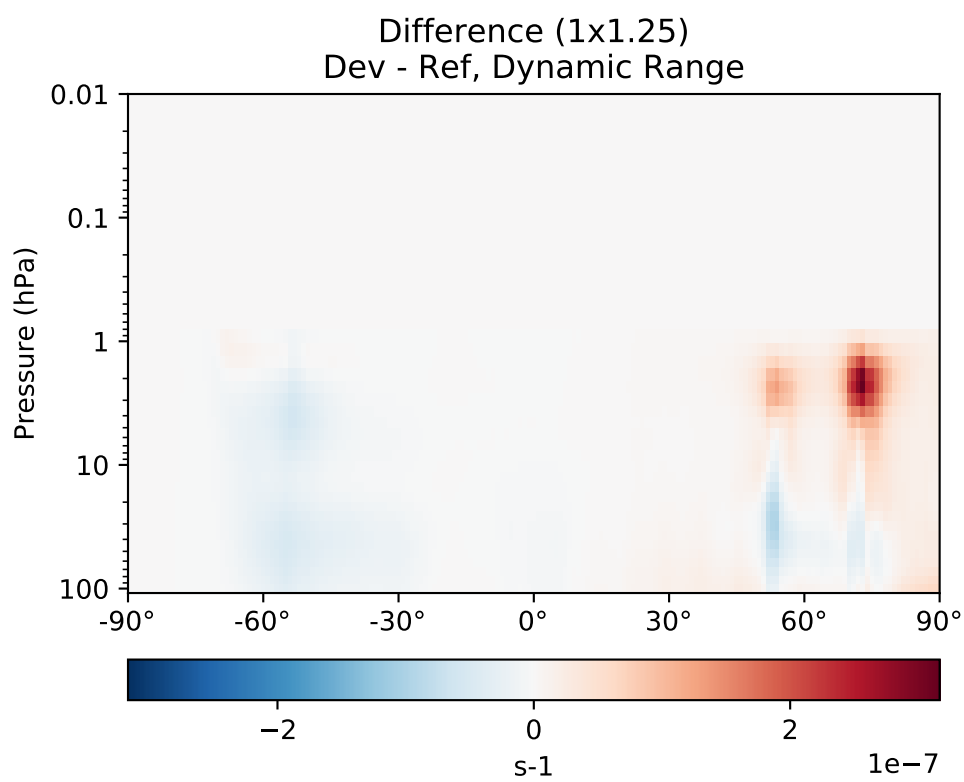
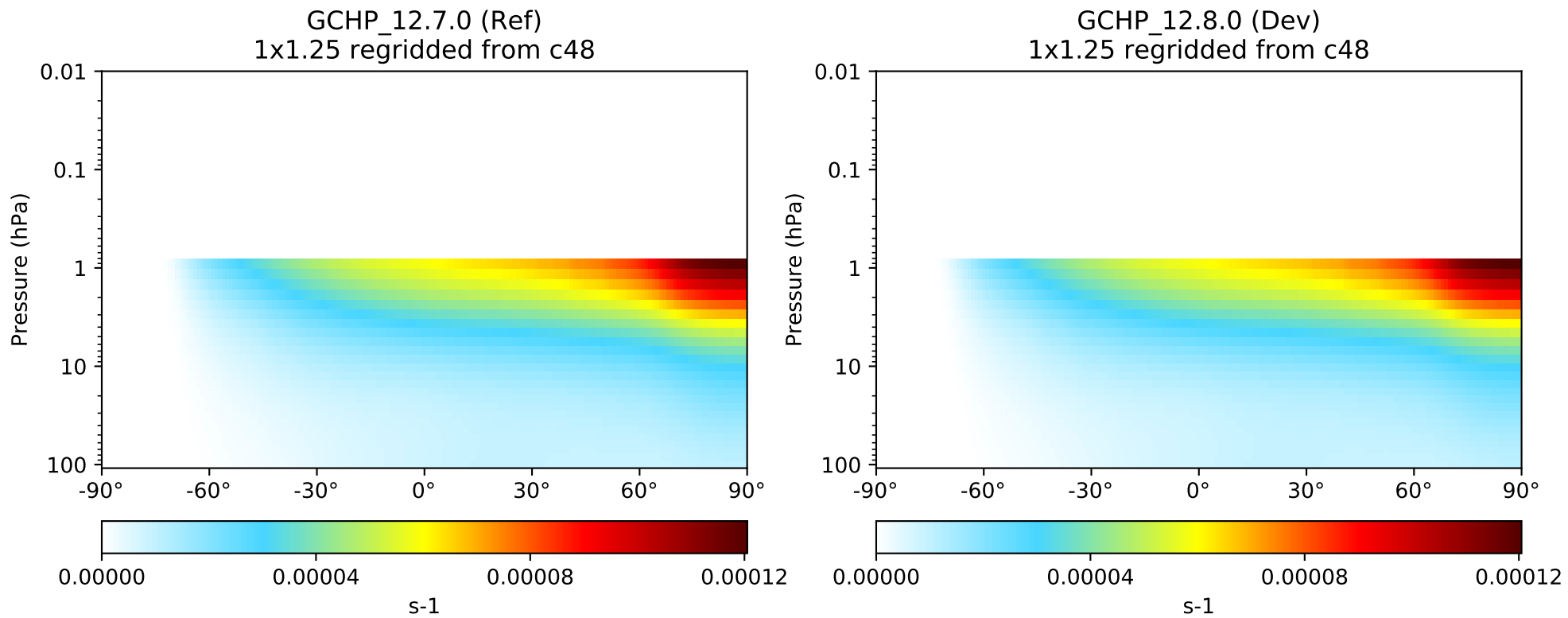
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

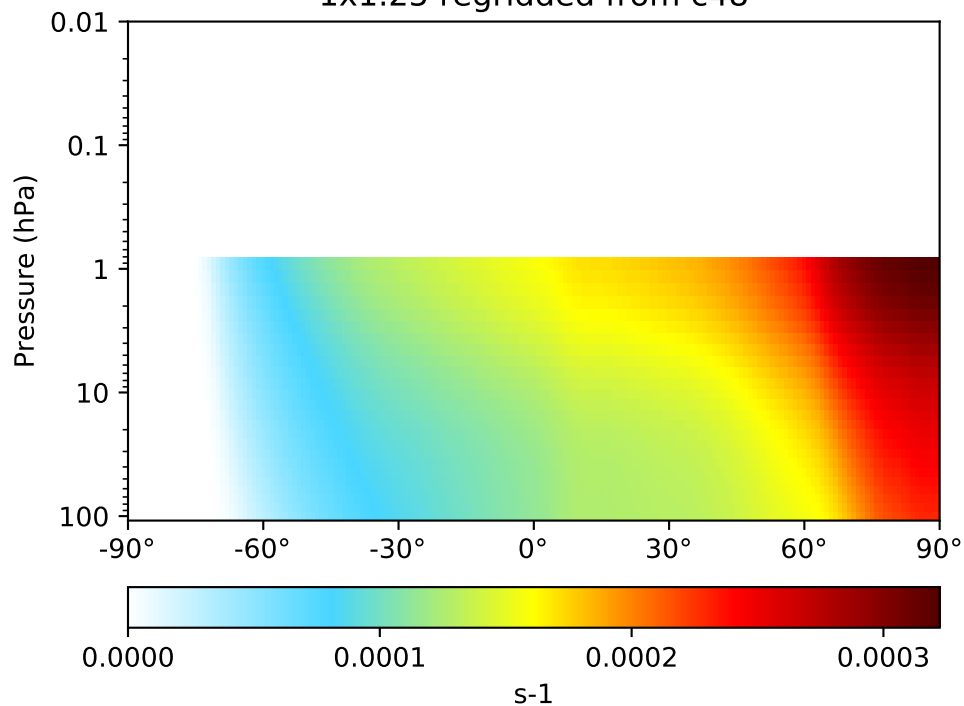


Jval_GLYC, Zonal Mean

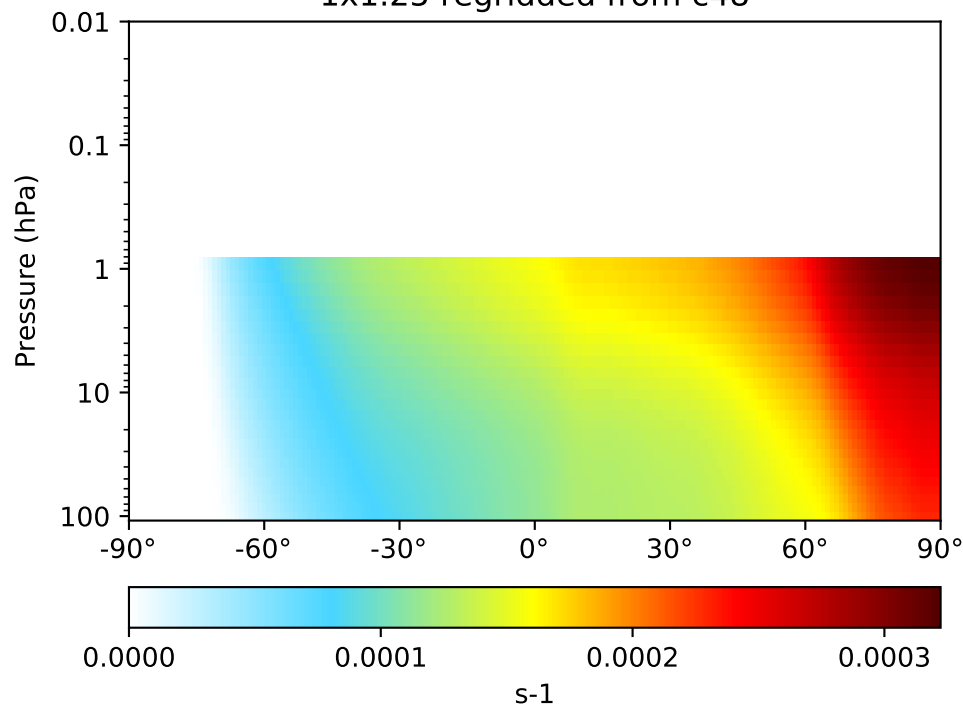


Jval_GLYX, Zonal Mean

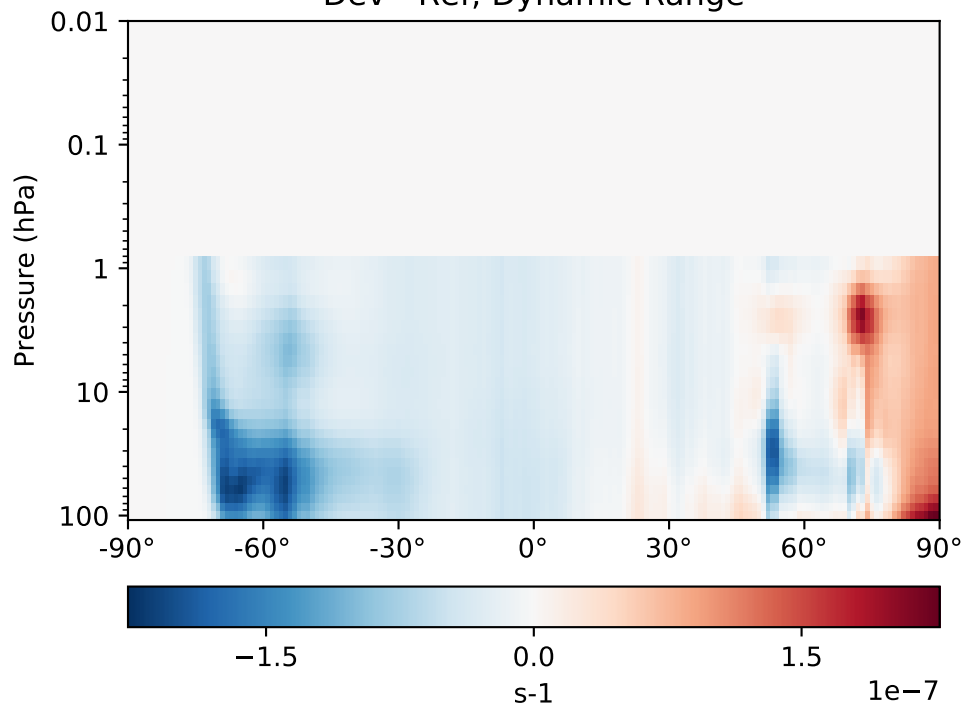
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



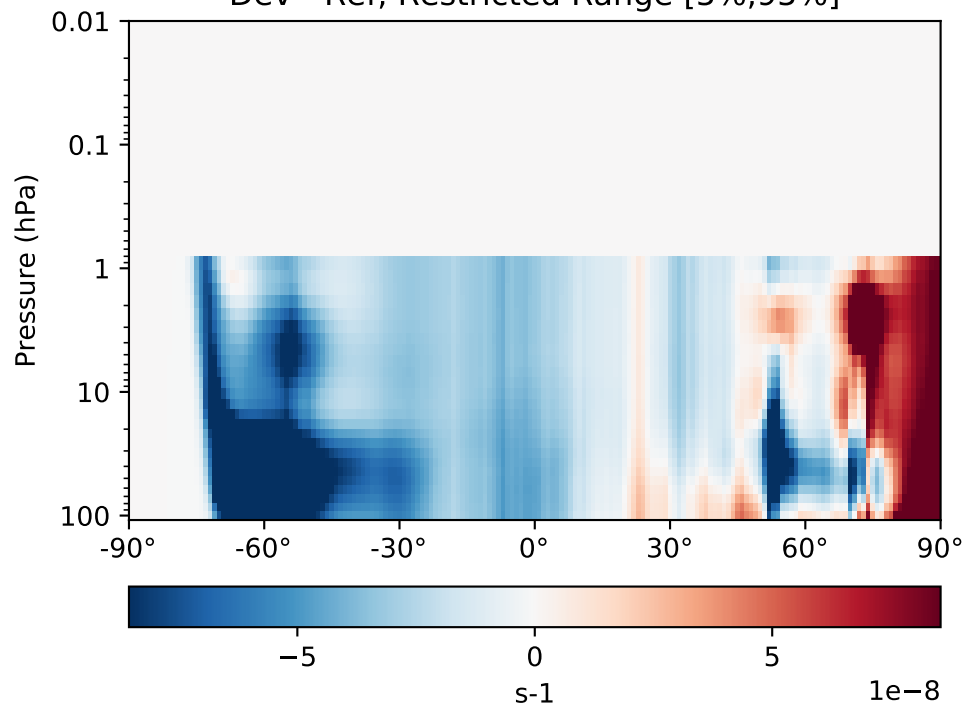
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



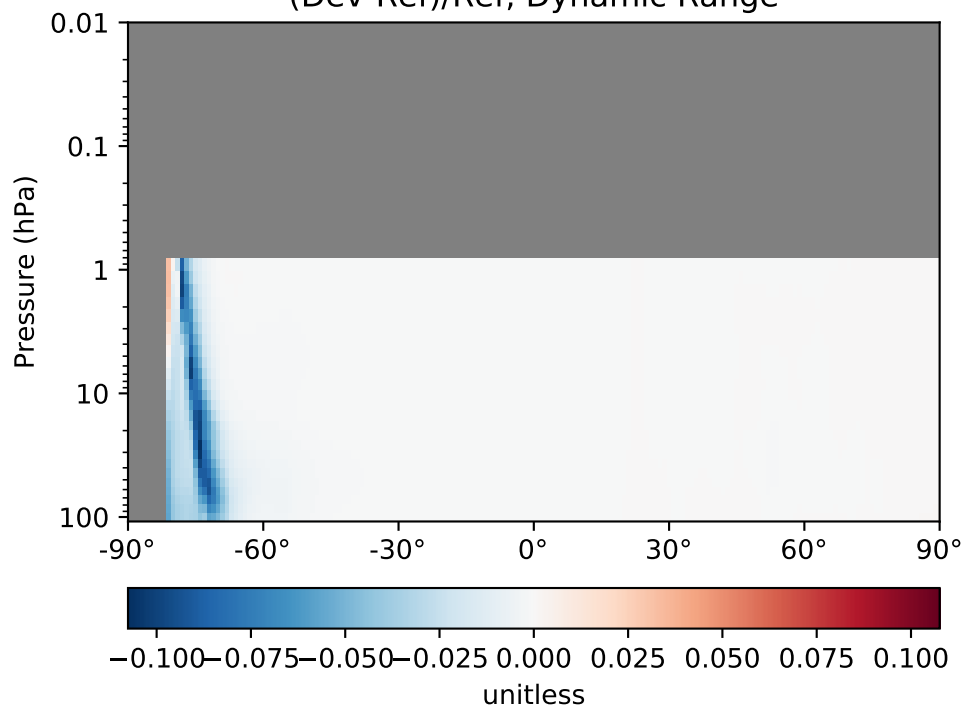
Difference (1x1.25)
Dev - Ref, Dynamic Range



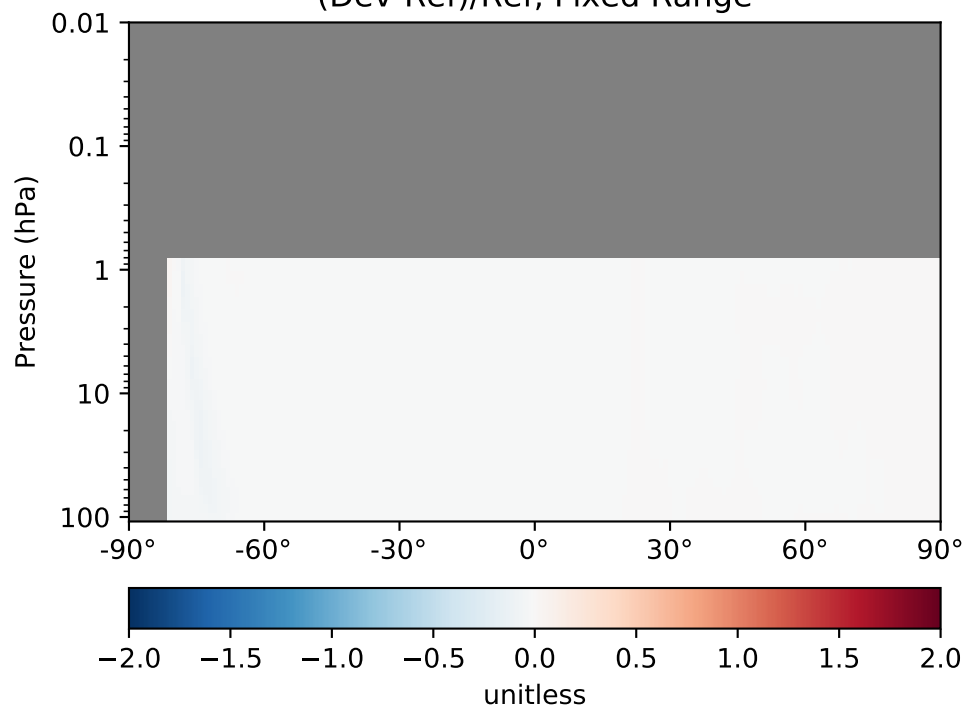
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



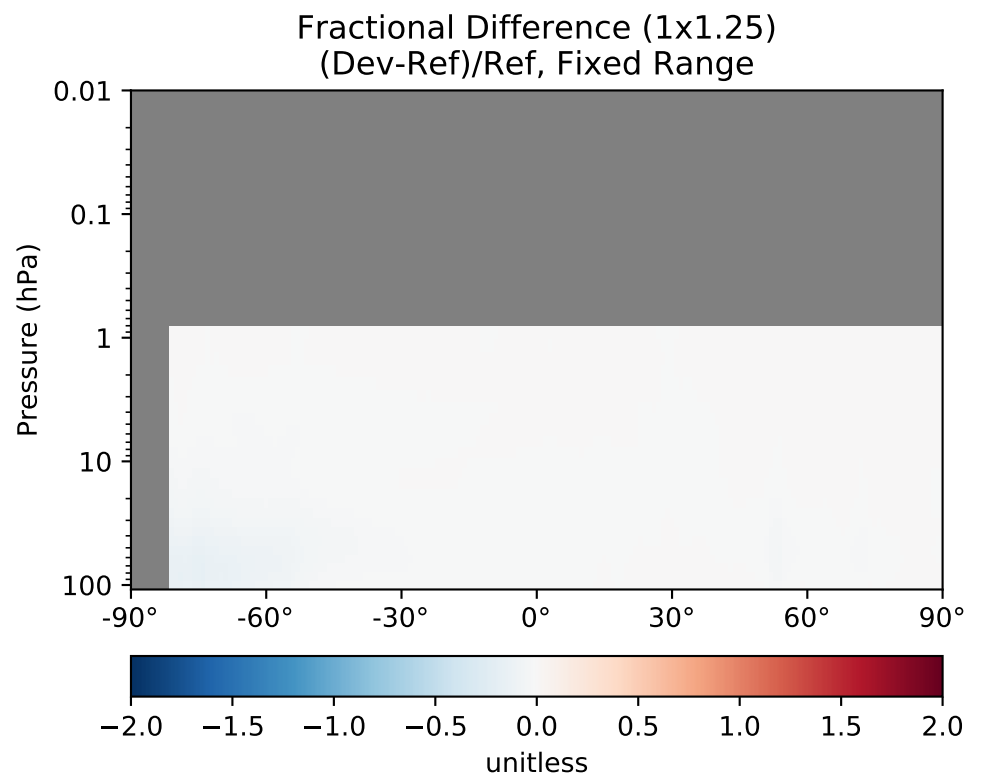
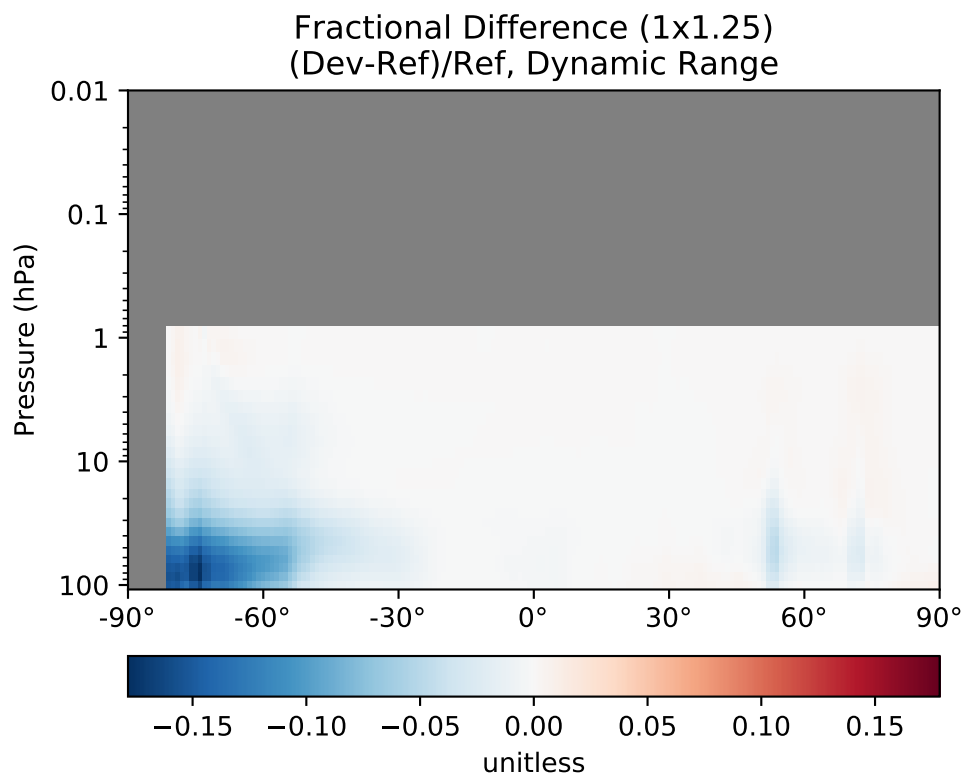
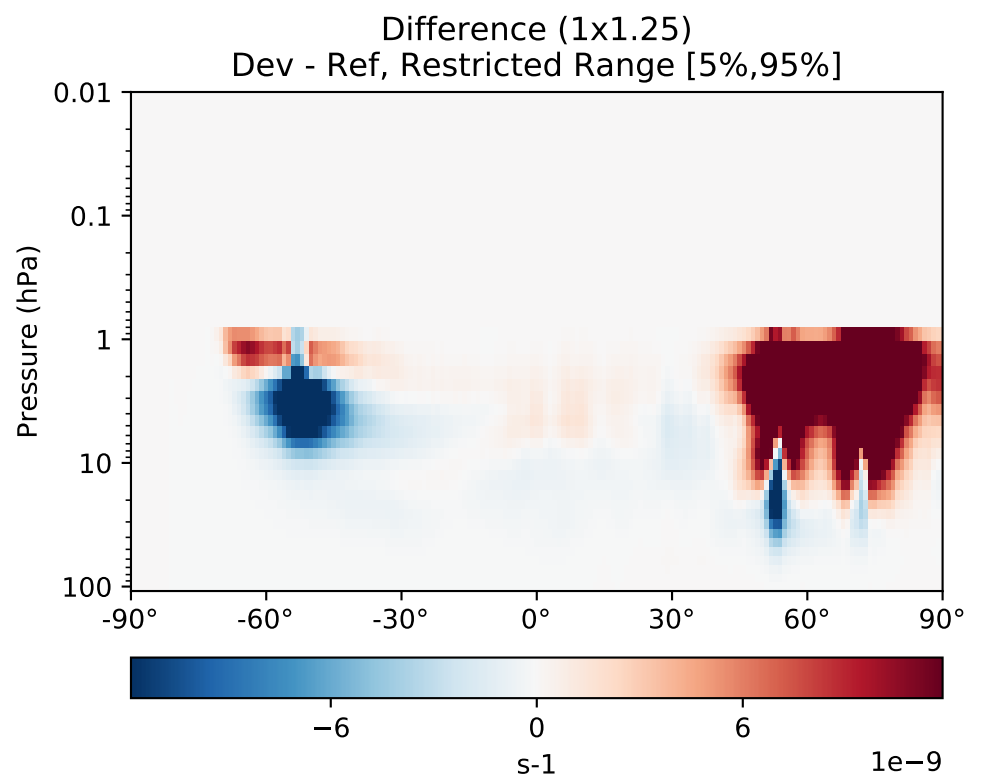
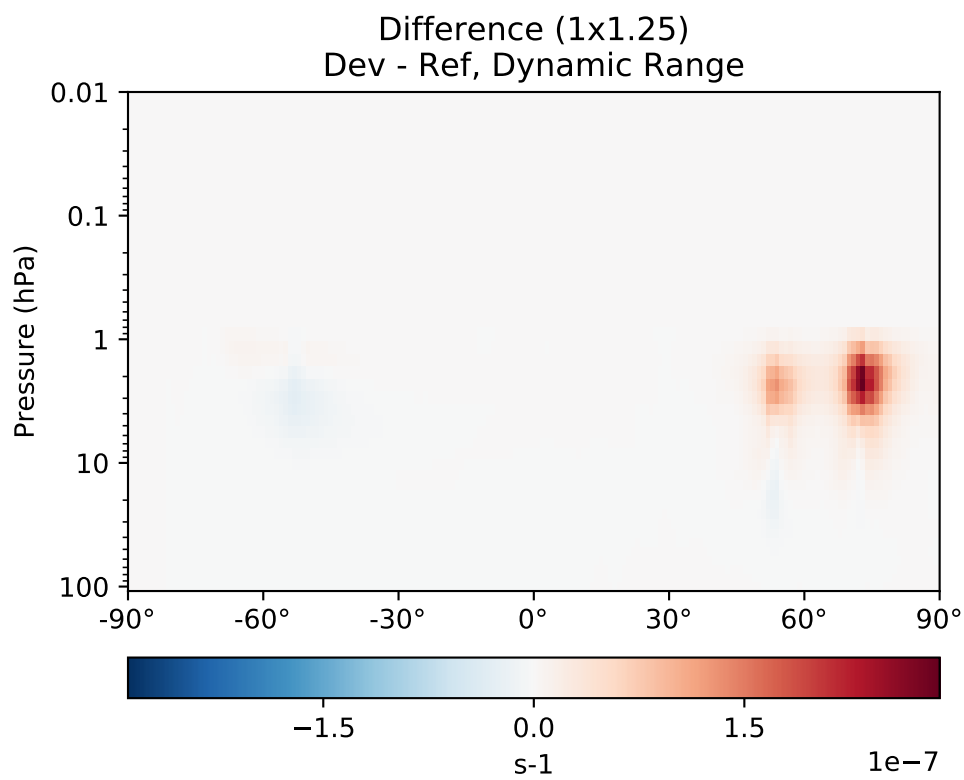
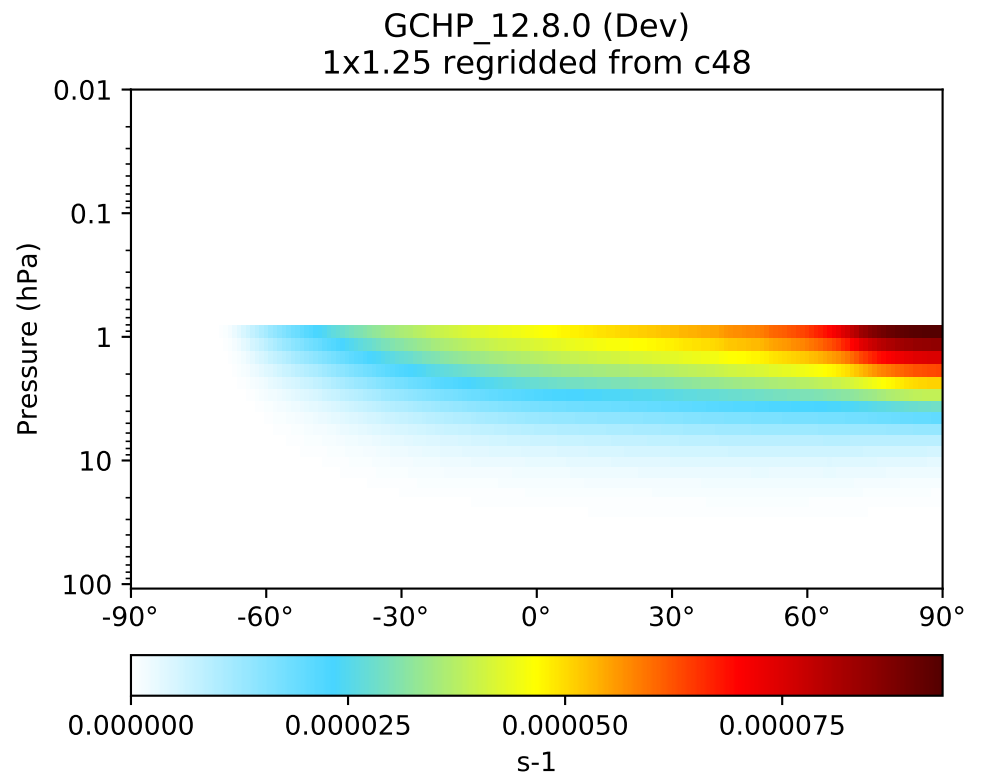
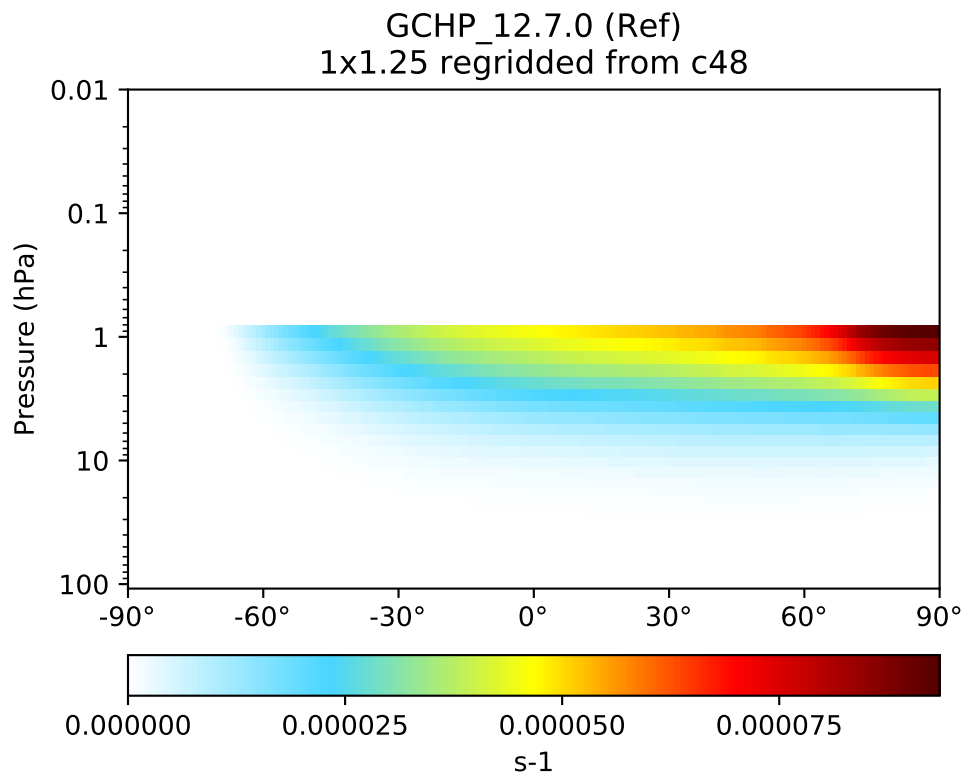
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



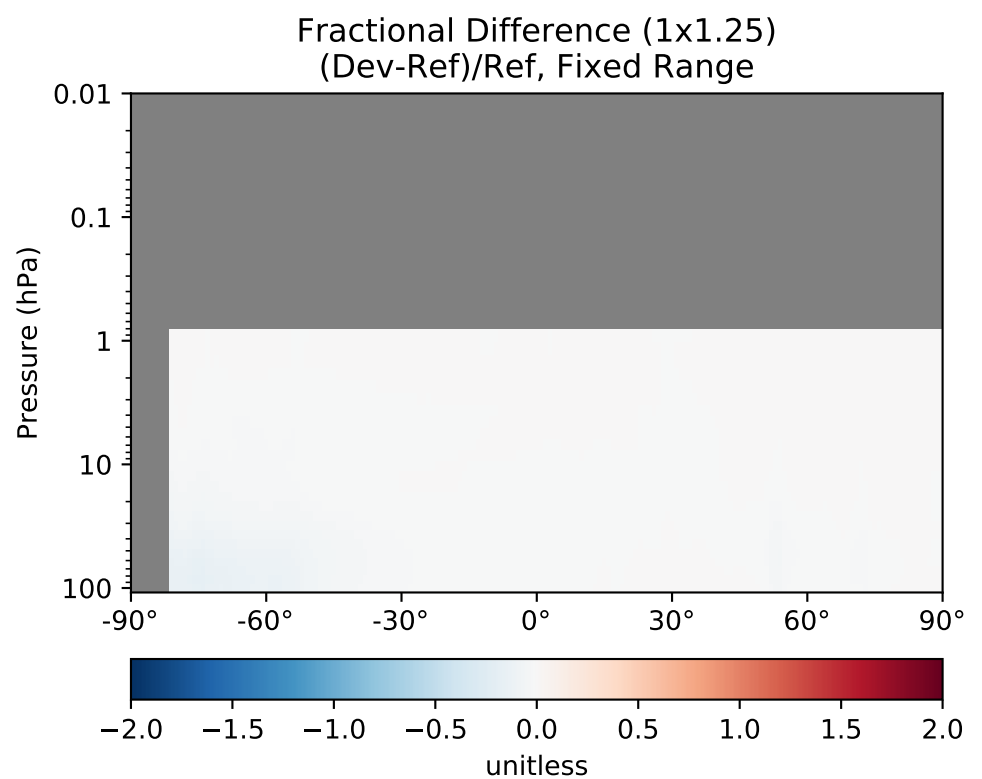
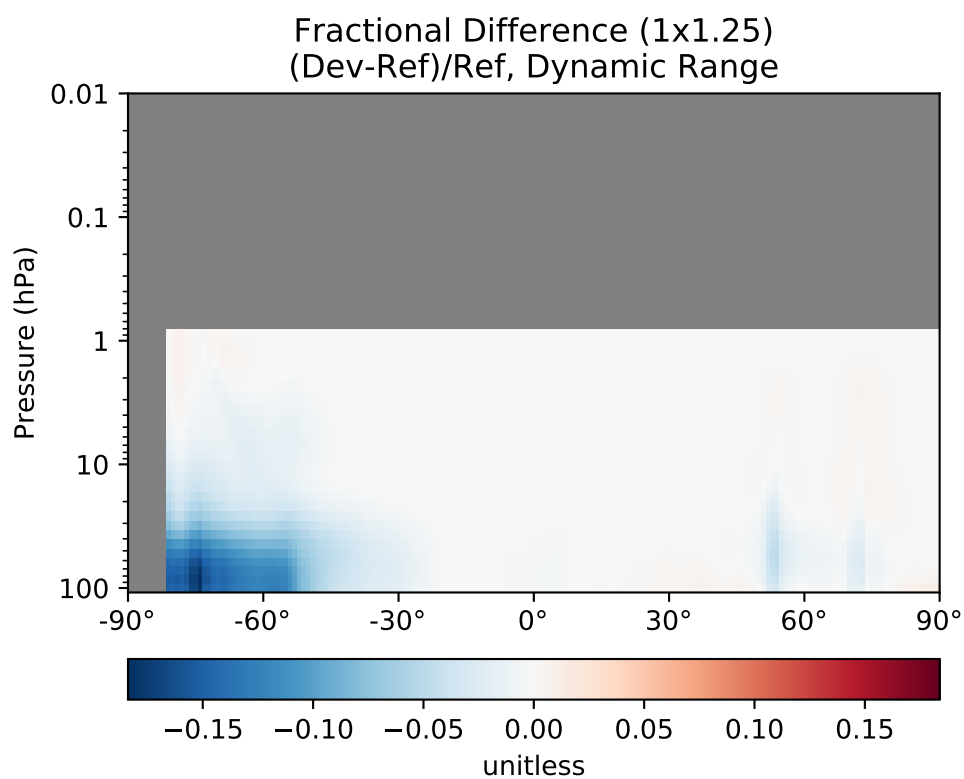
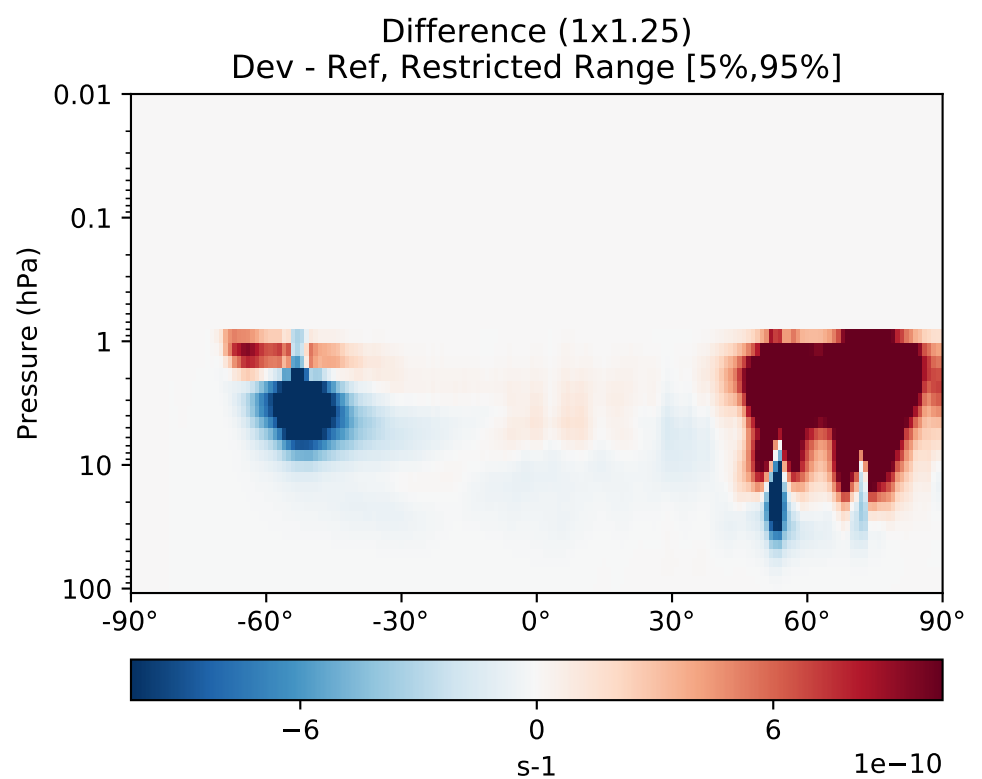
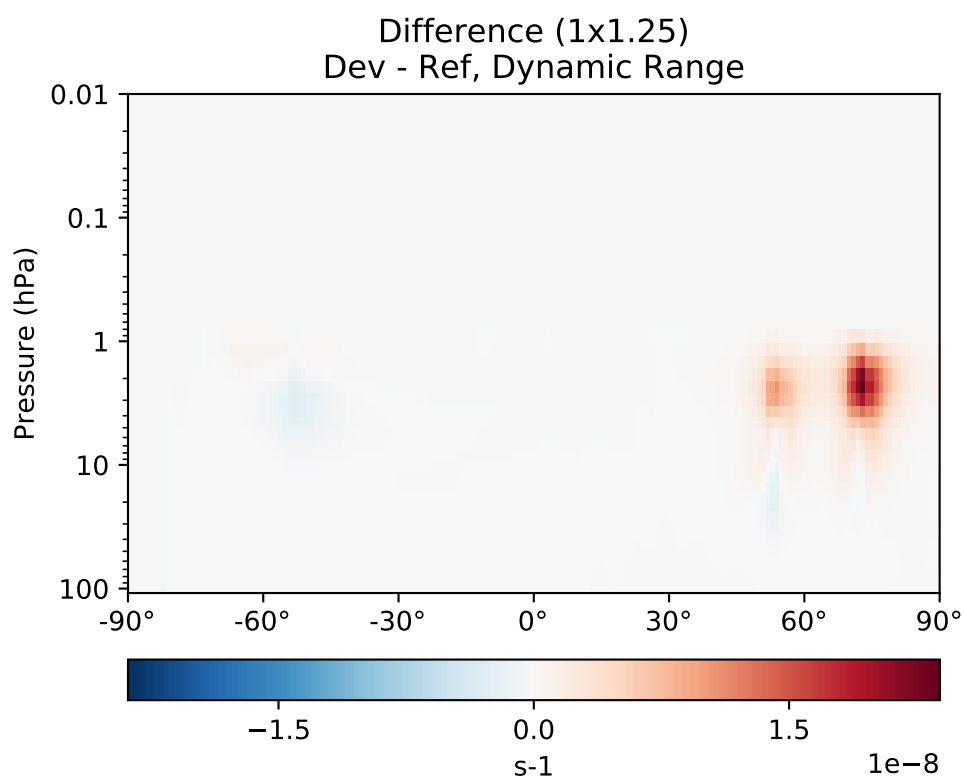
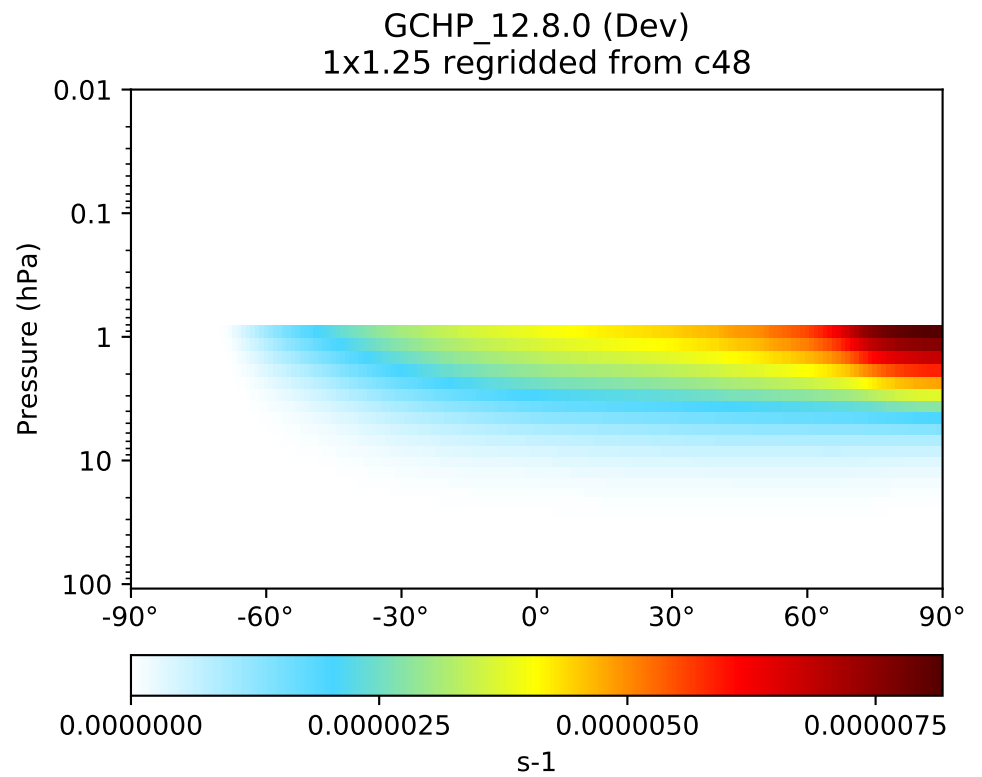
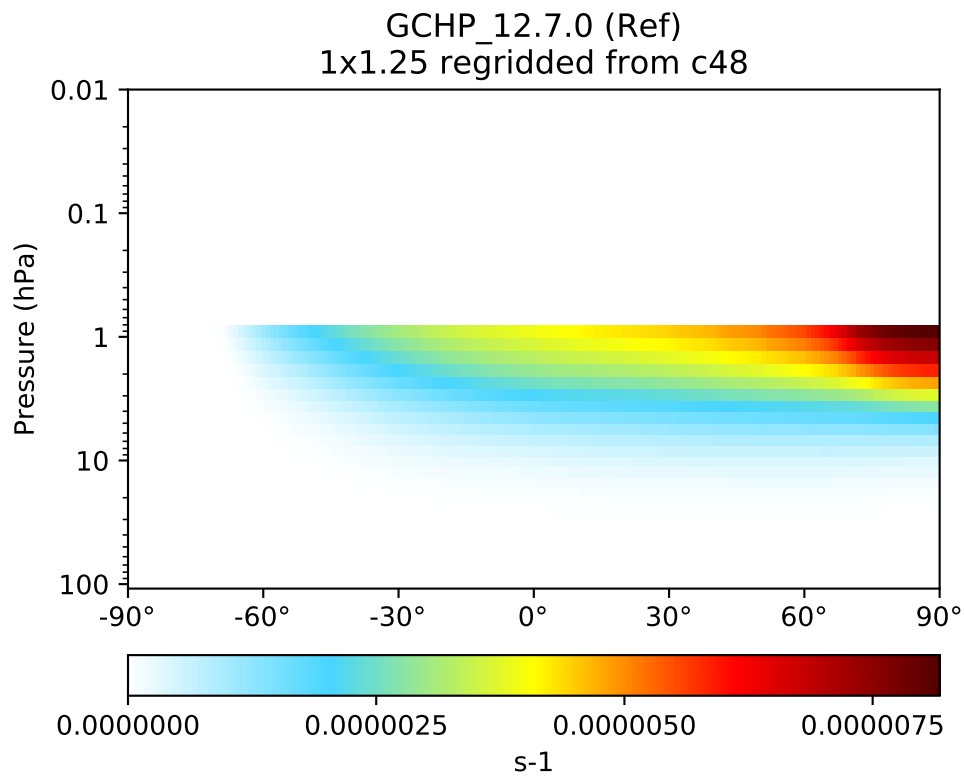
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



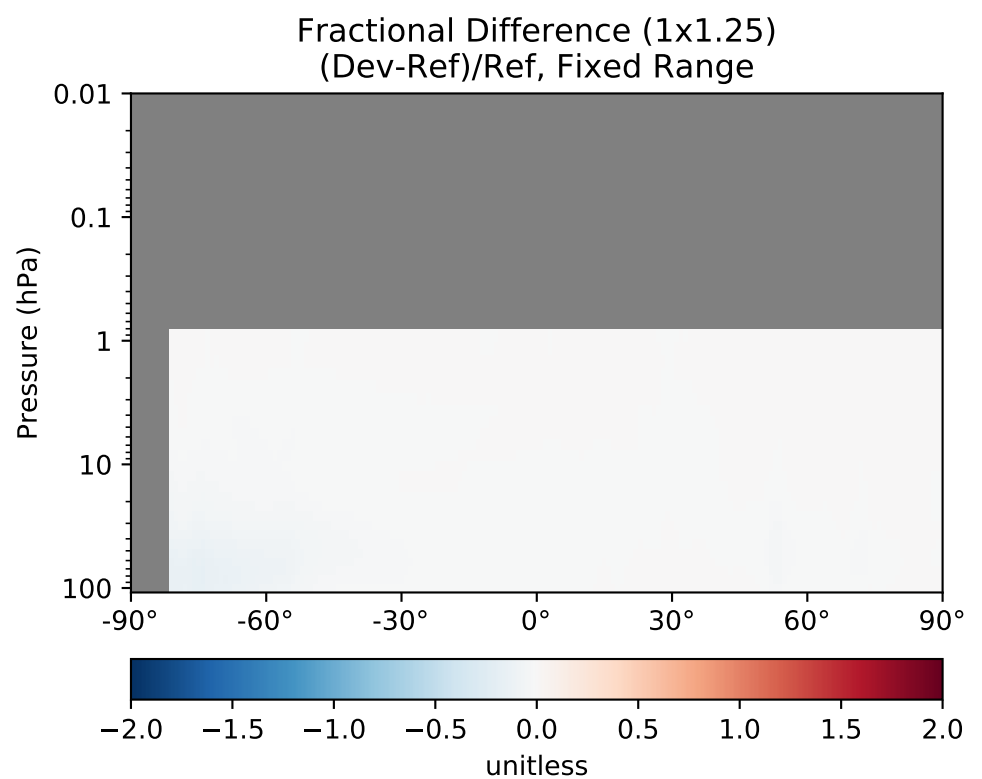
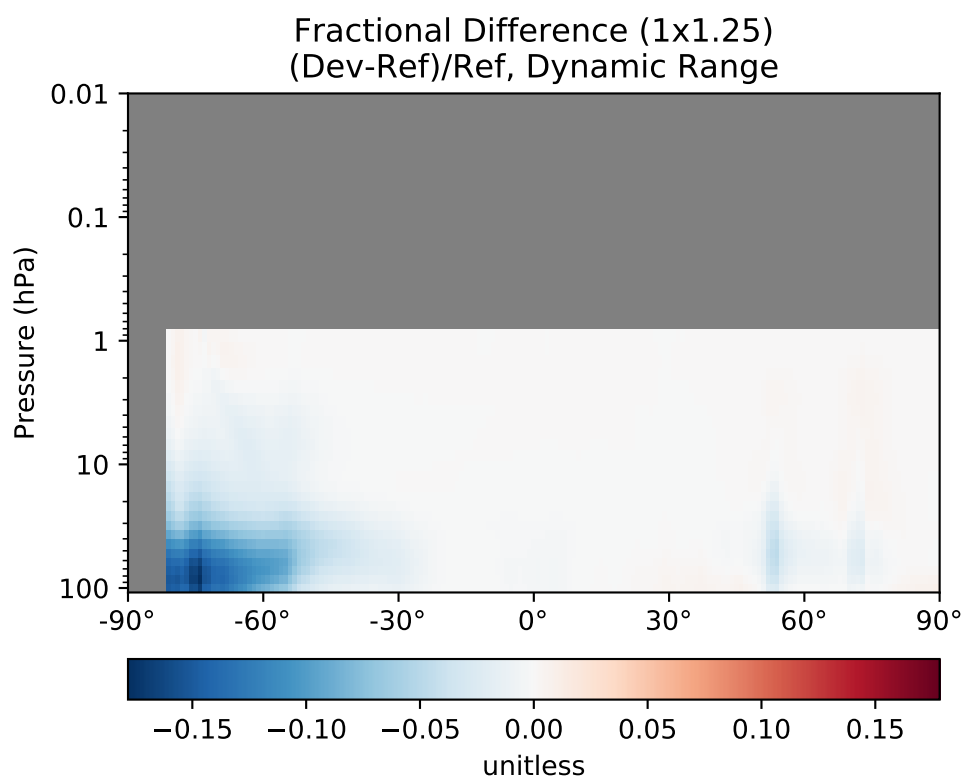
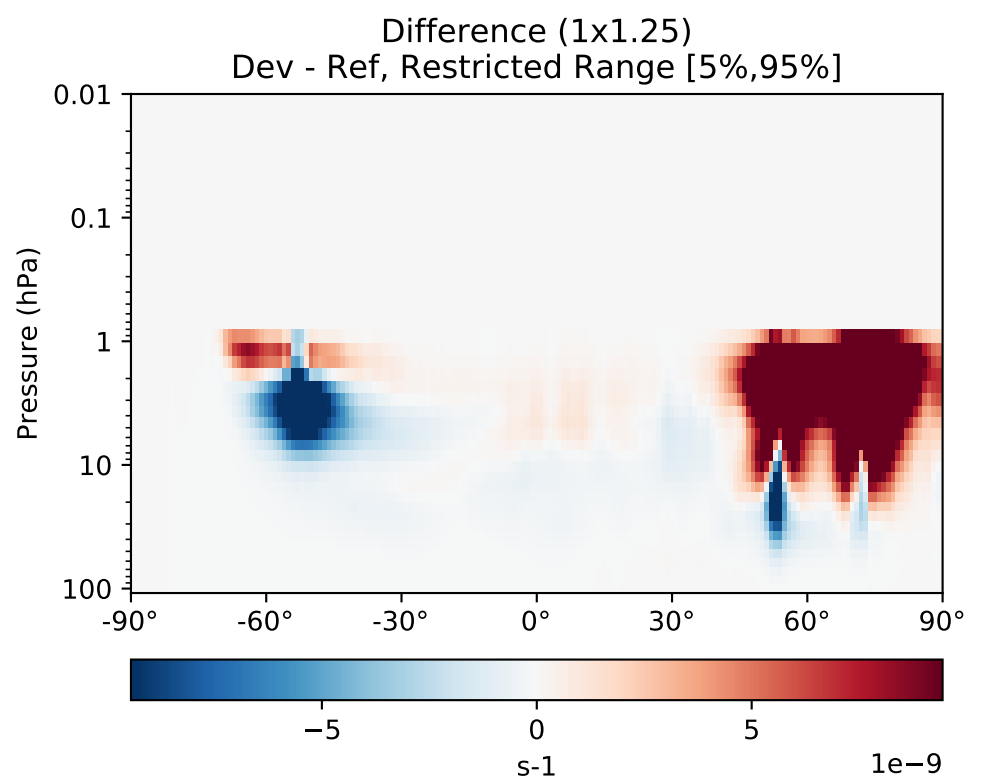
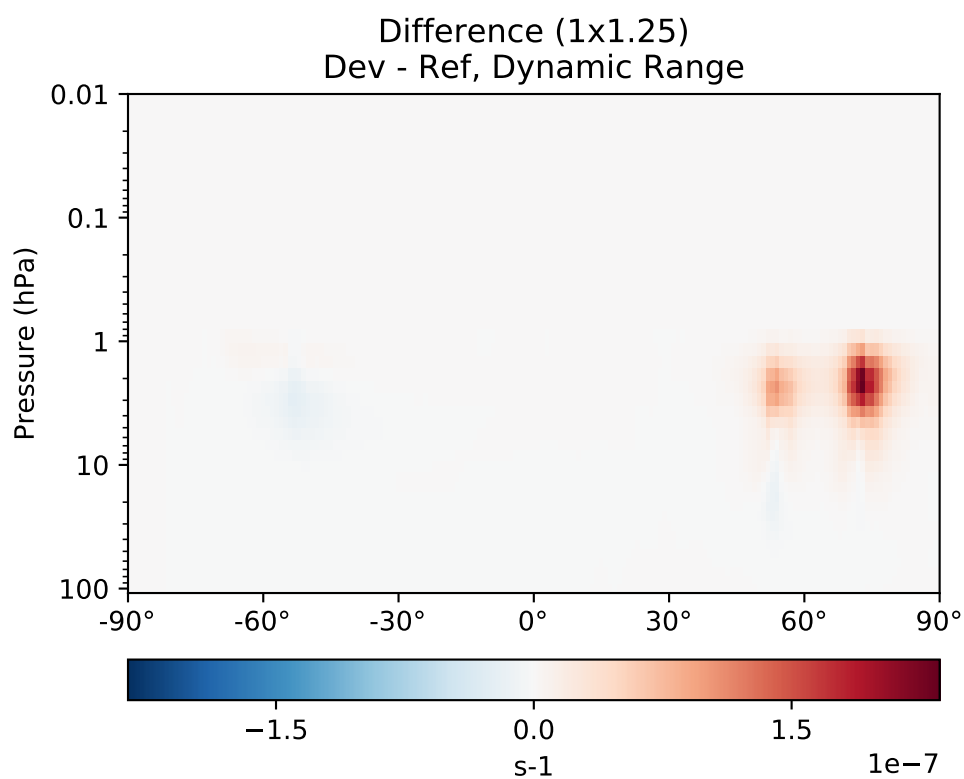
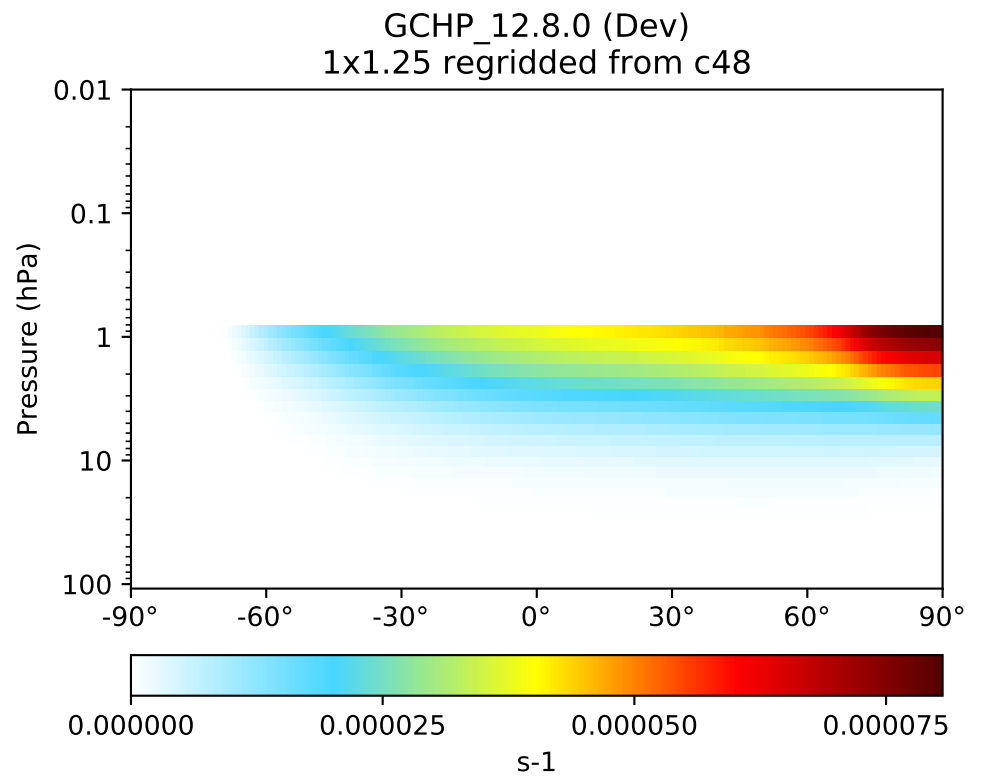
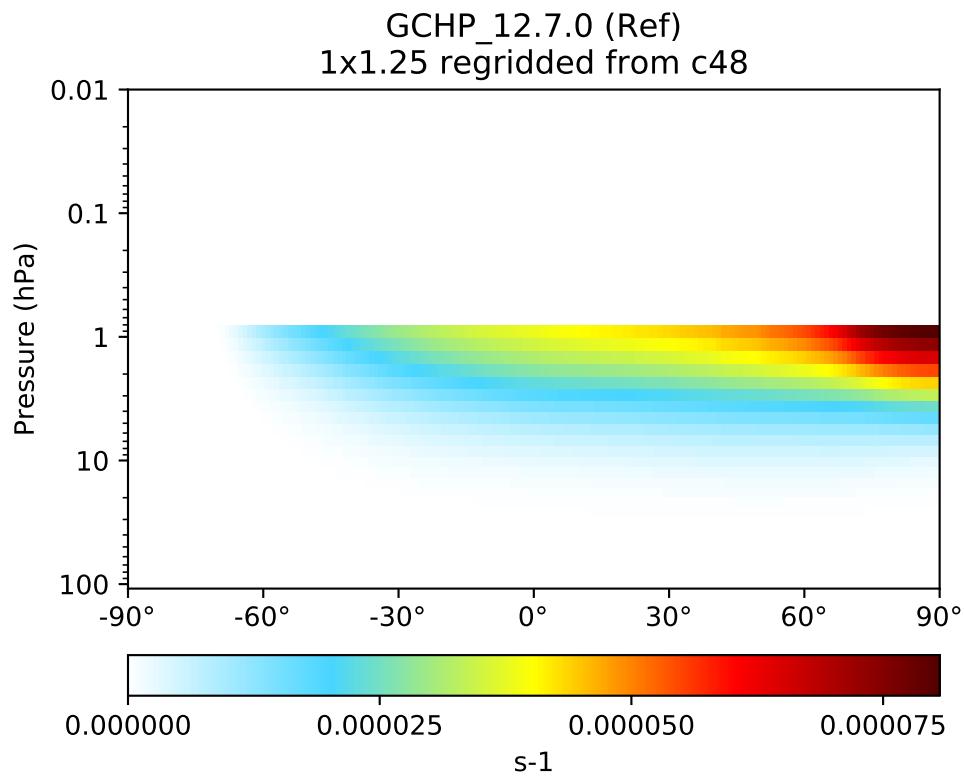
Jval_H1211, Zonal Mean



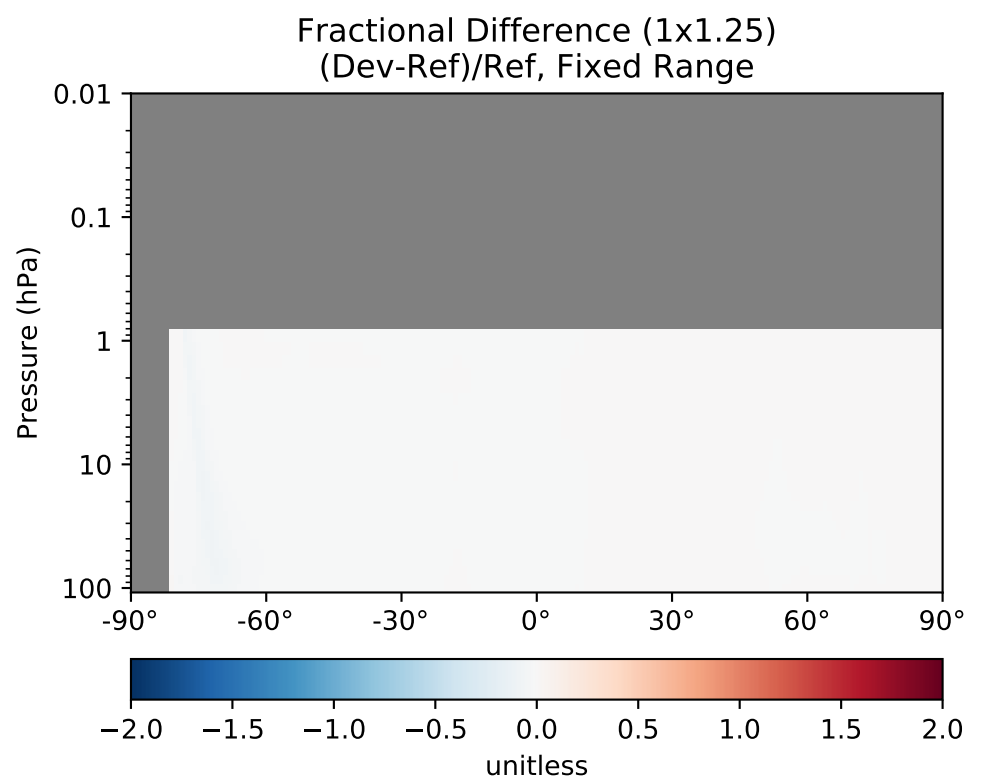
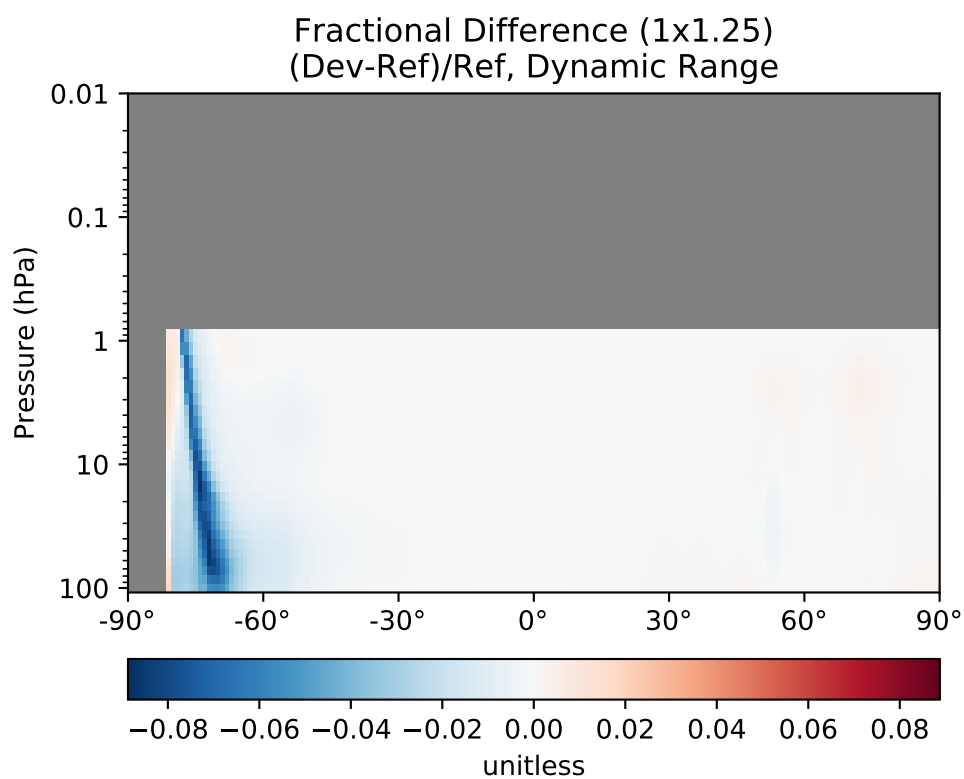
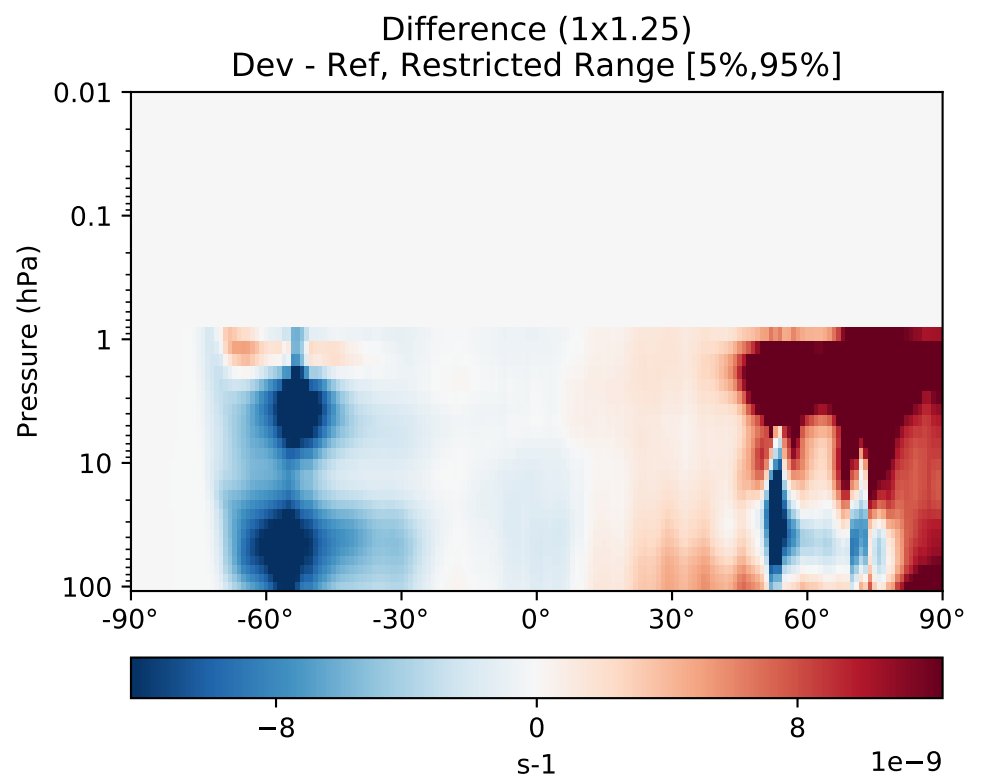
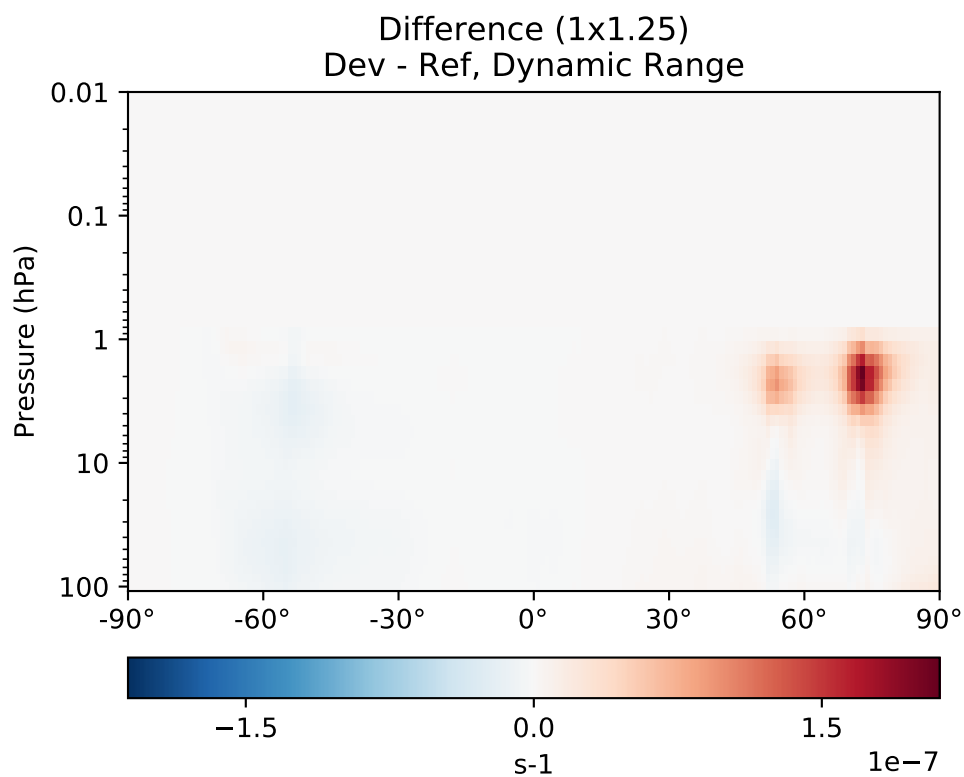
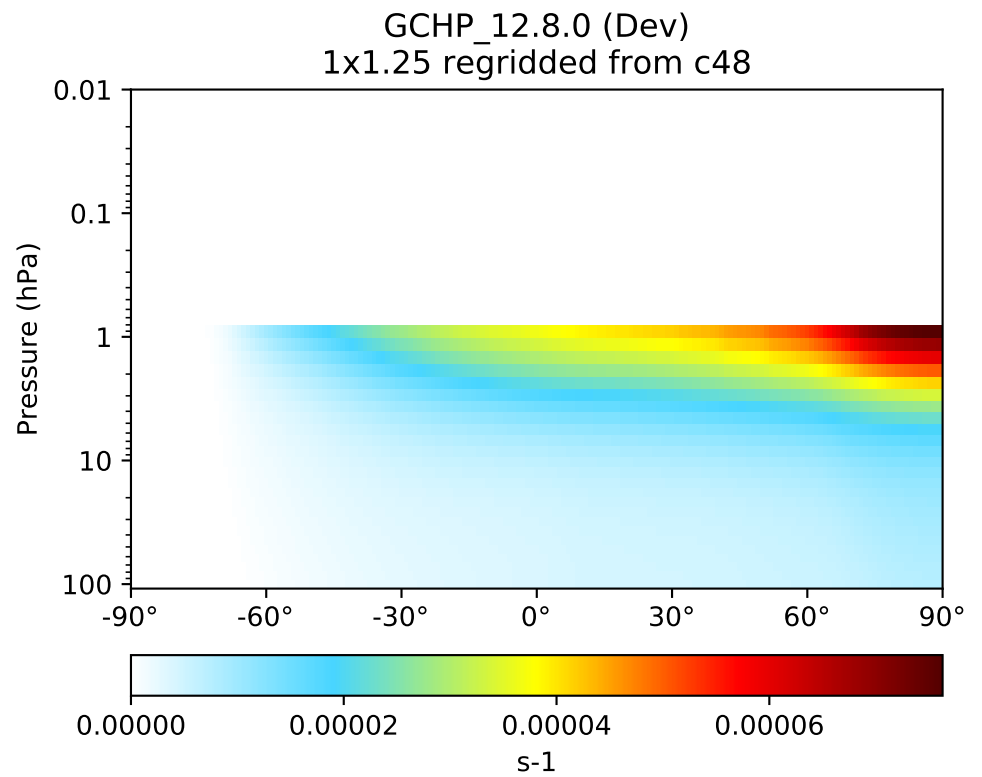
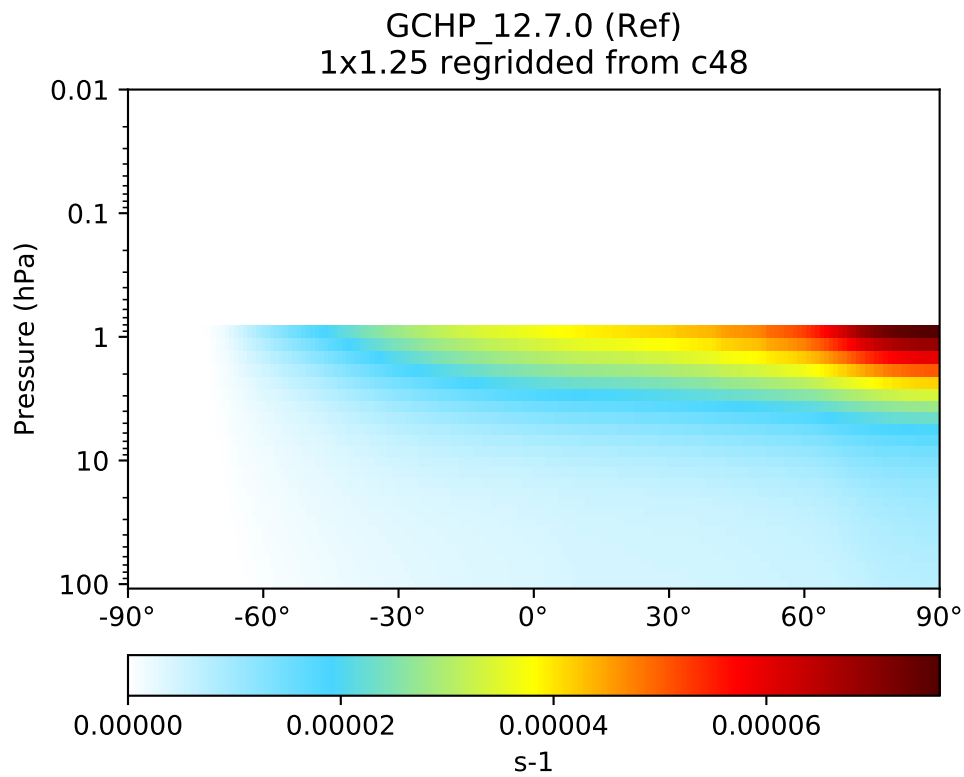
Jval_H1301, Zonal Mean



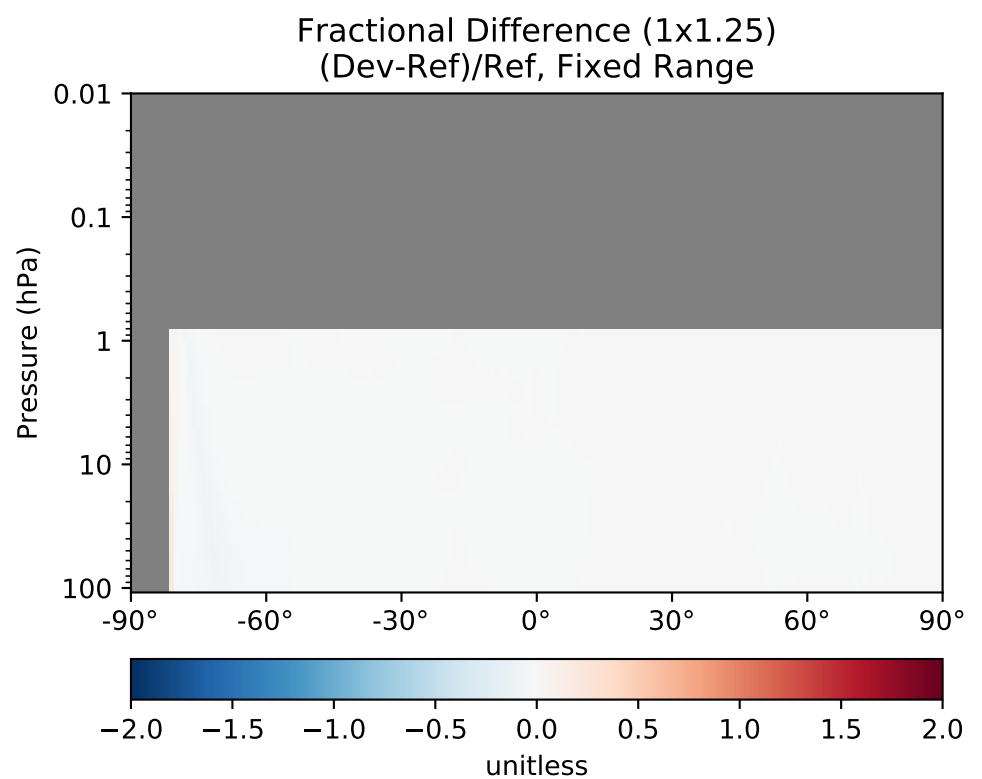
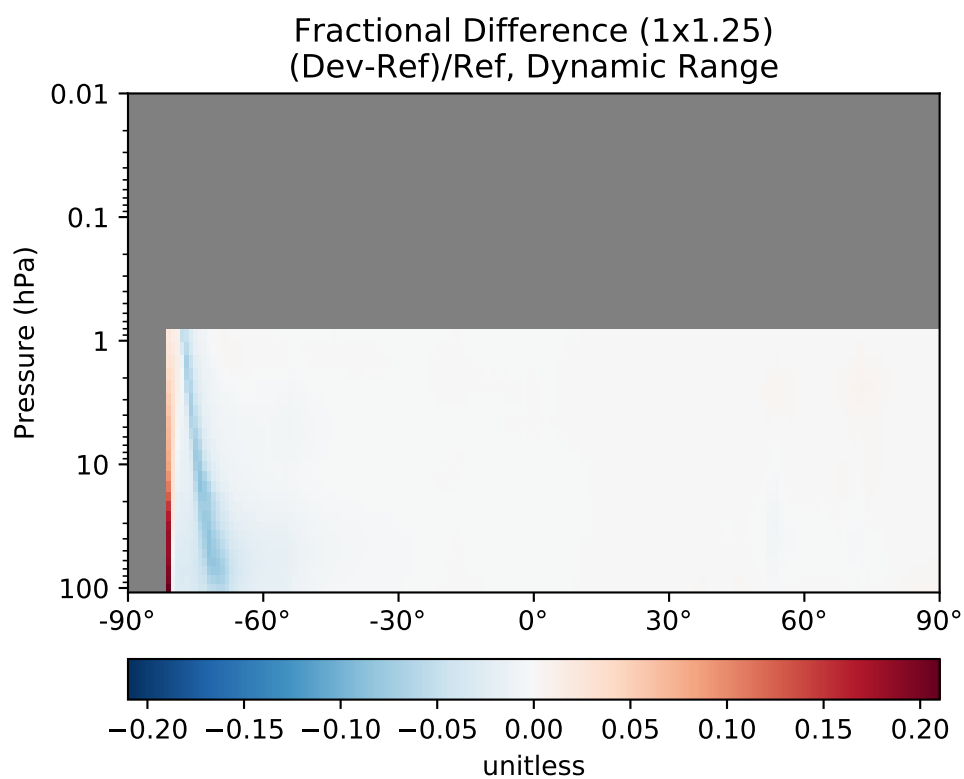
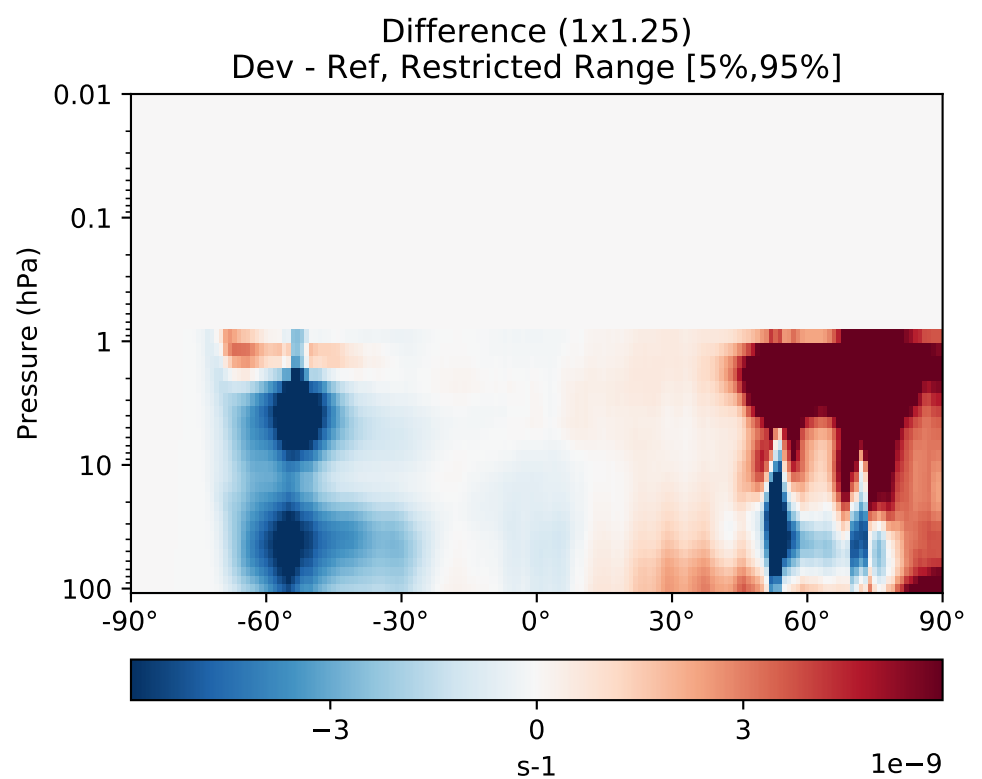
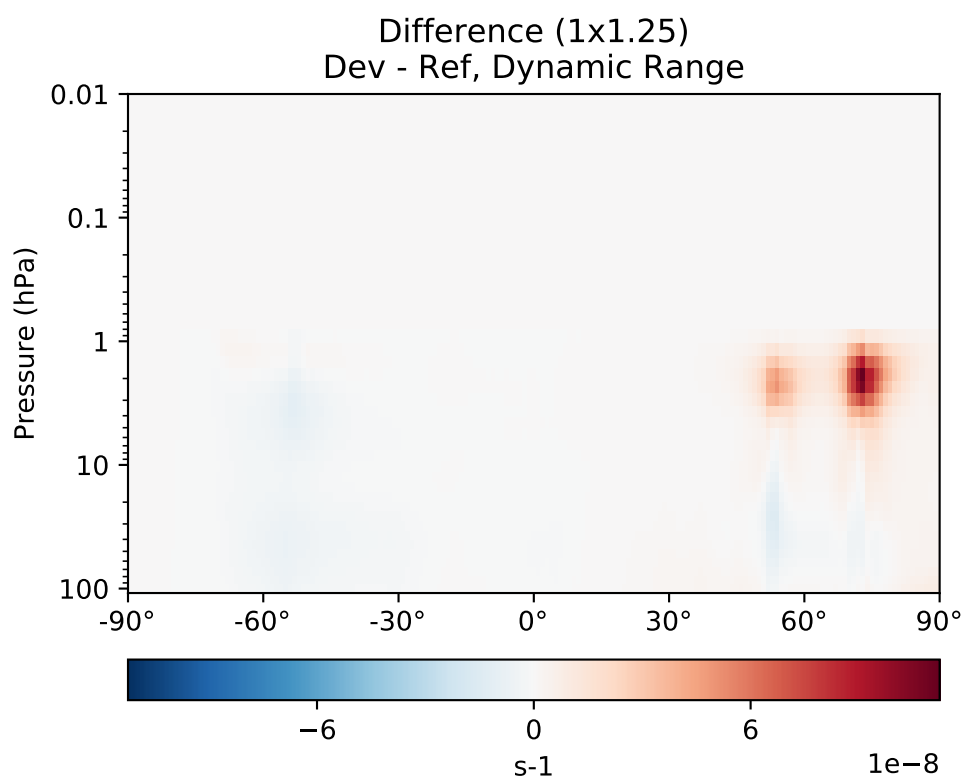
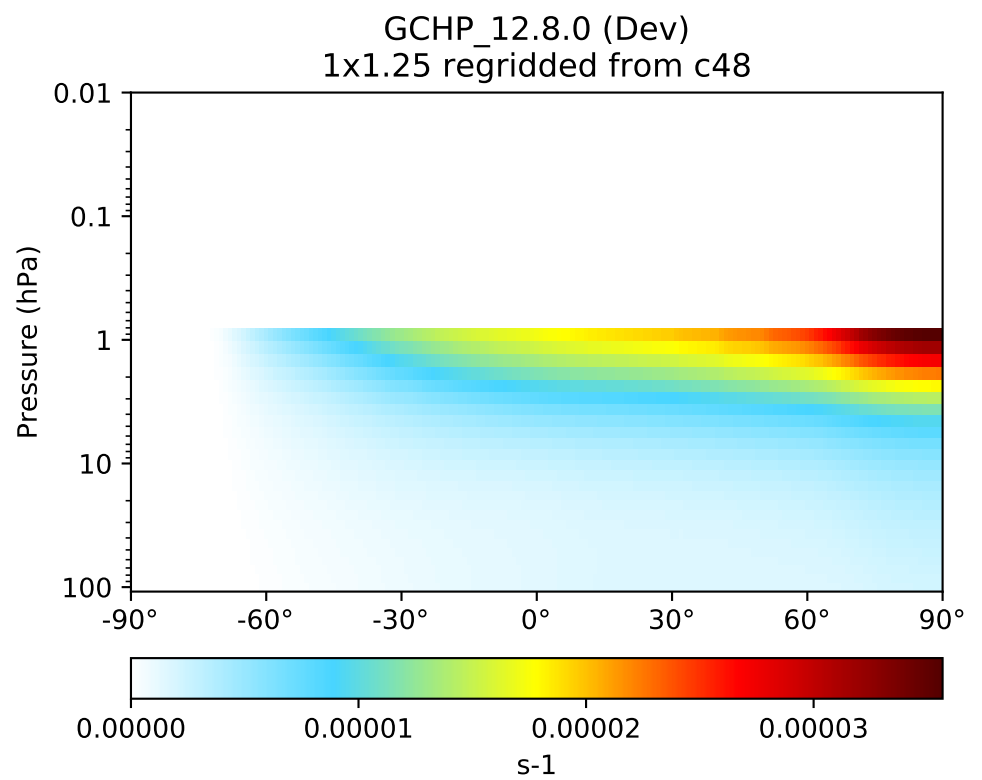
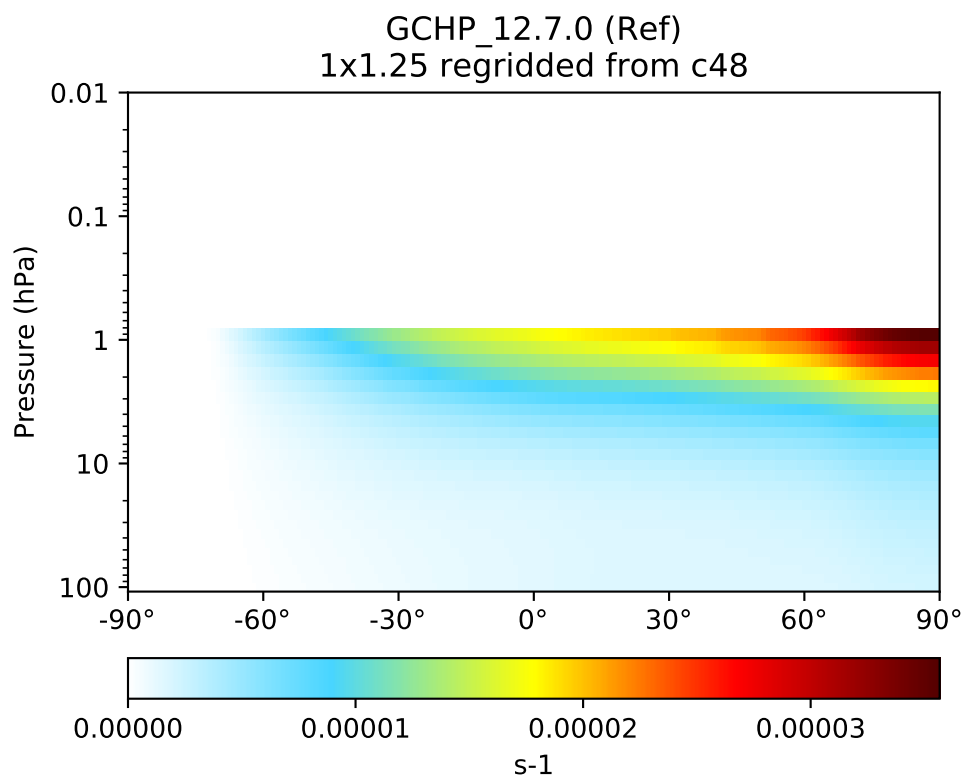
Jval_H2402, Zonal Mean



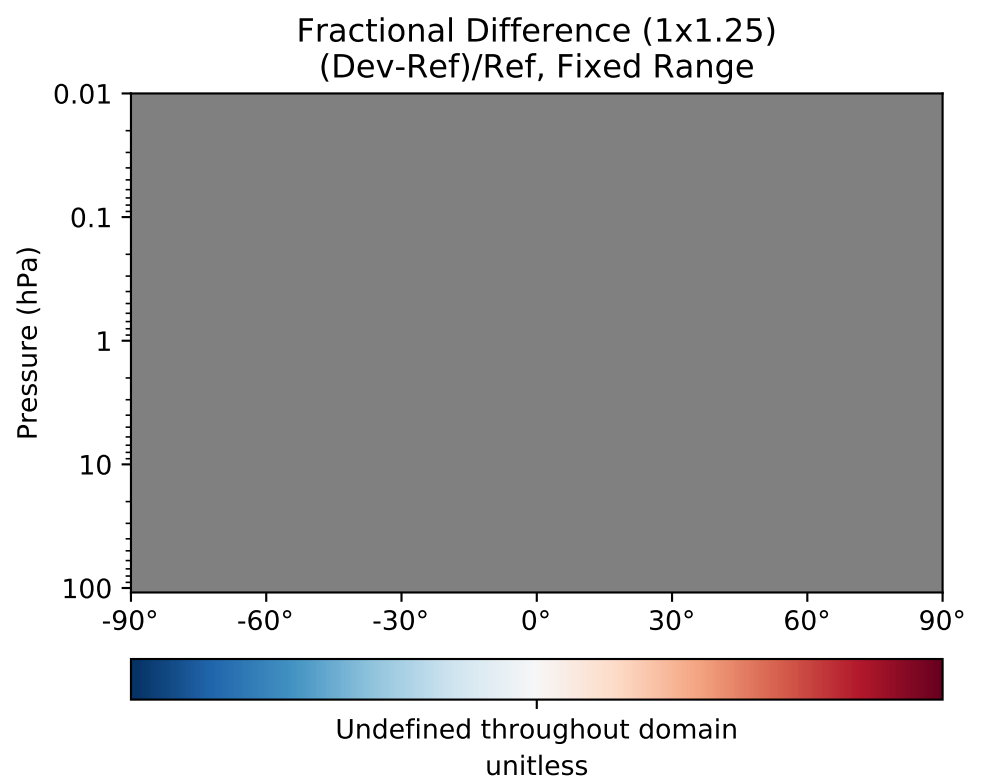
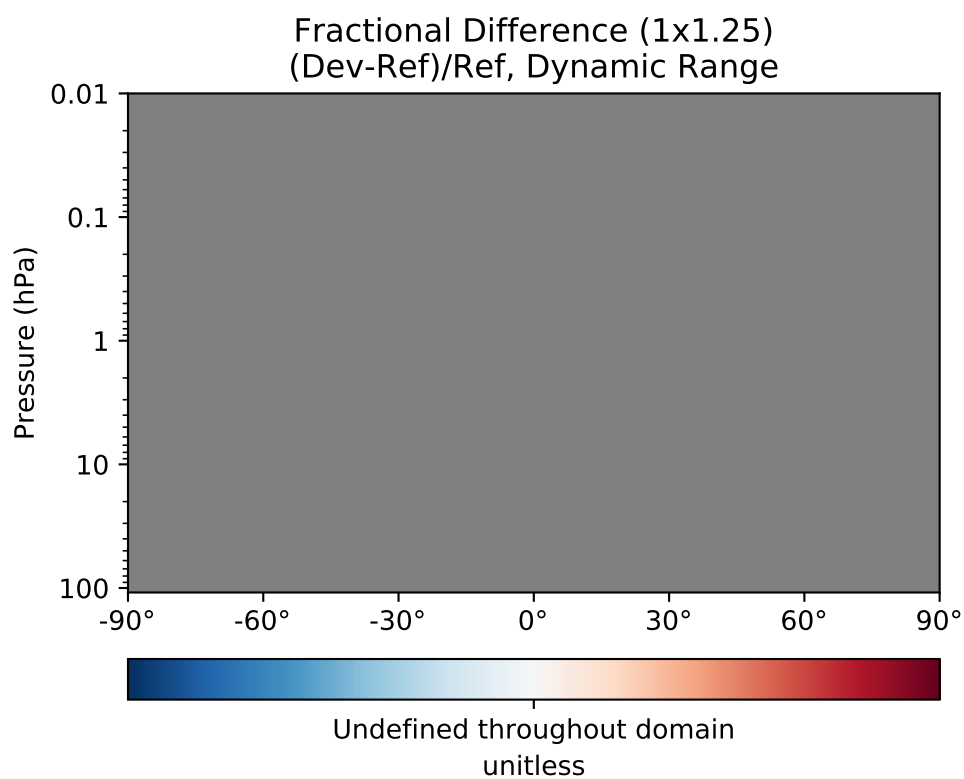
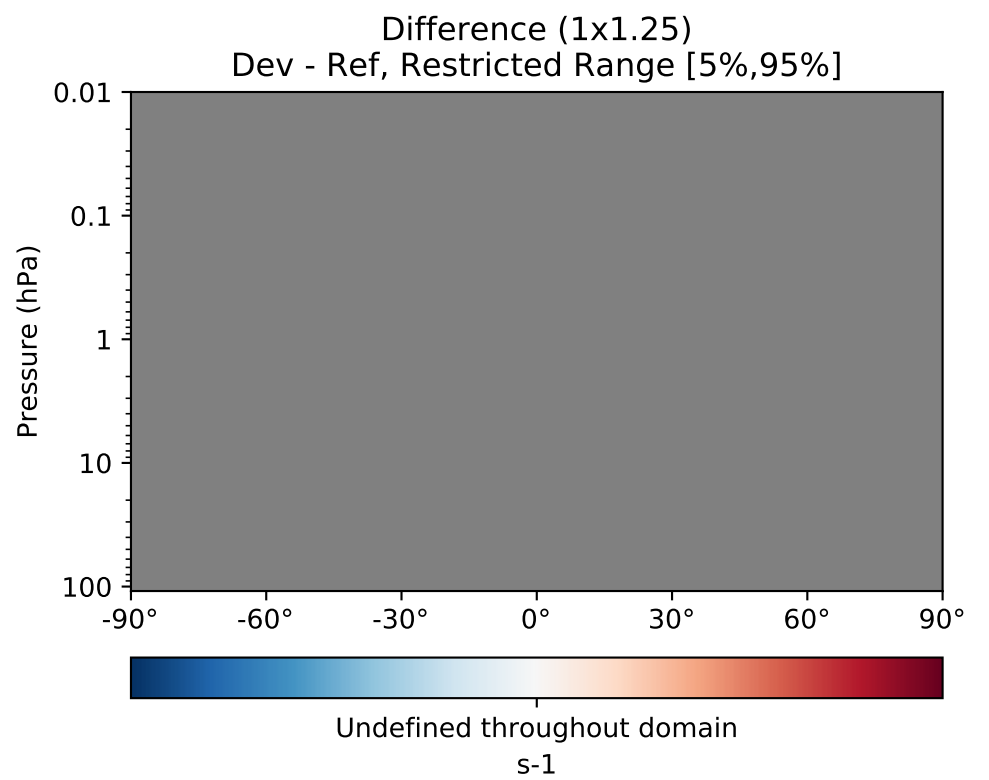
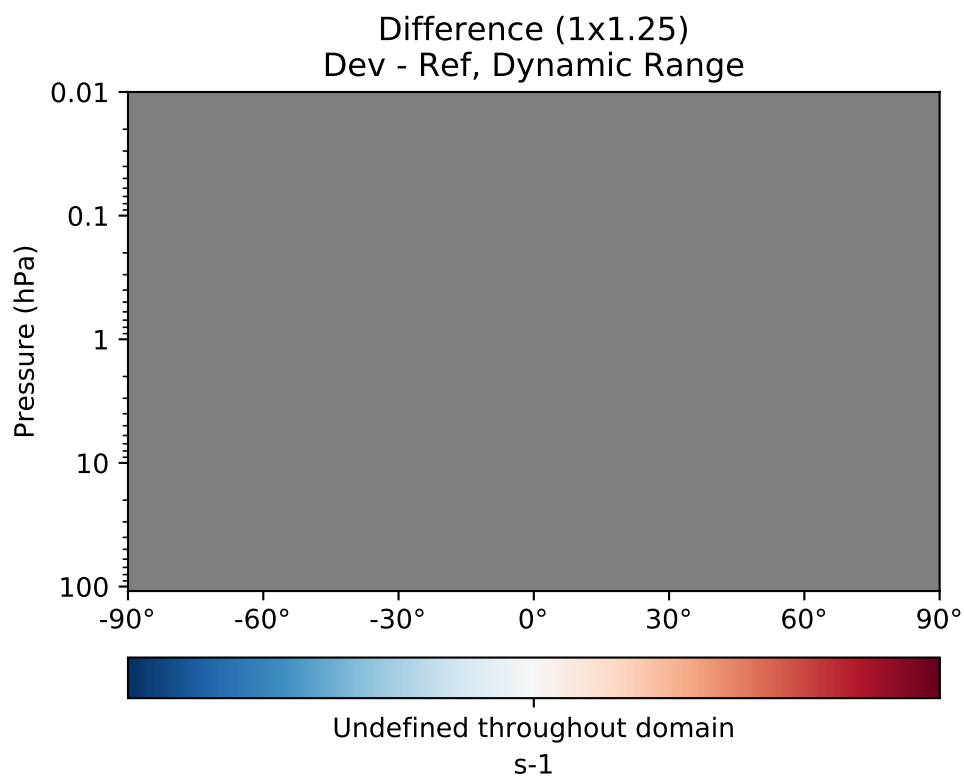
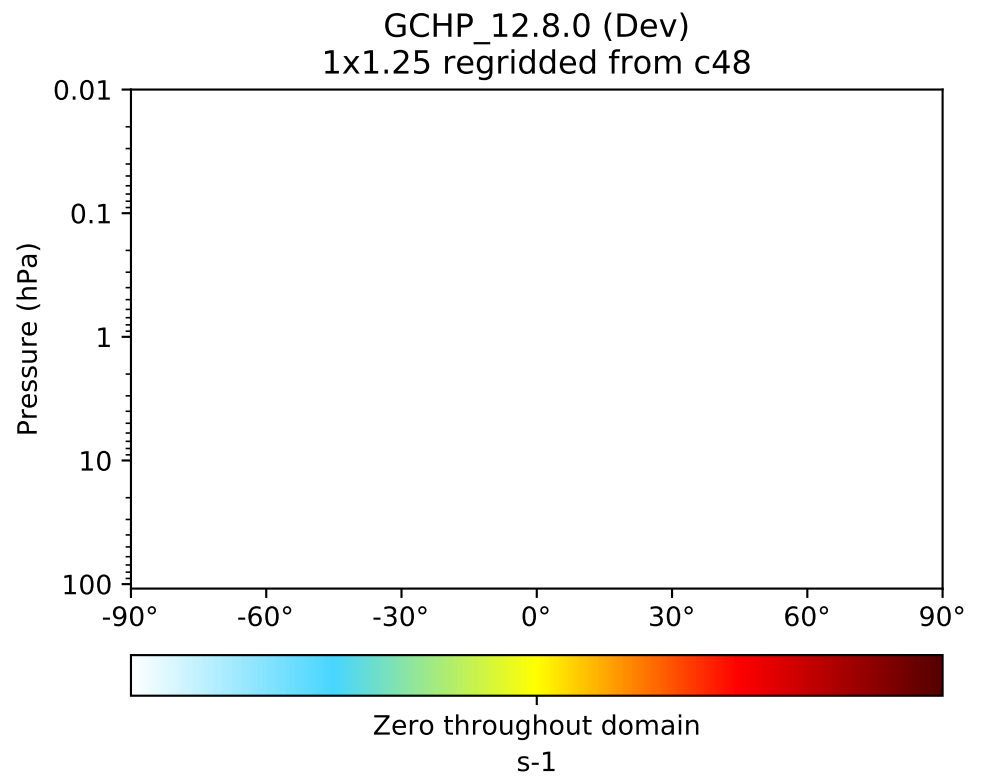
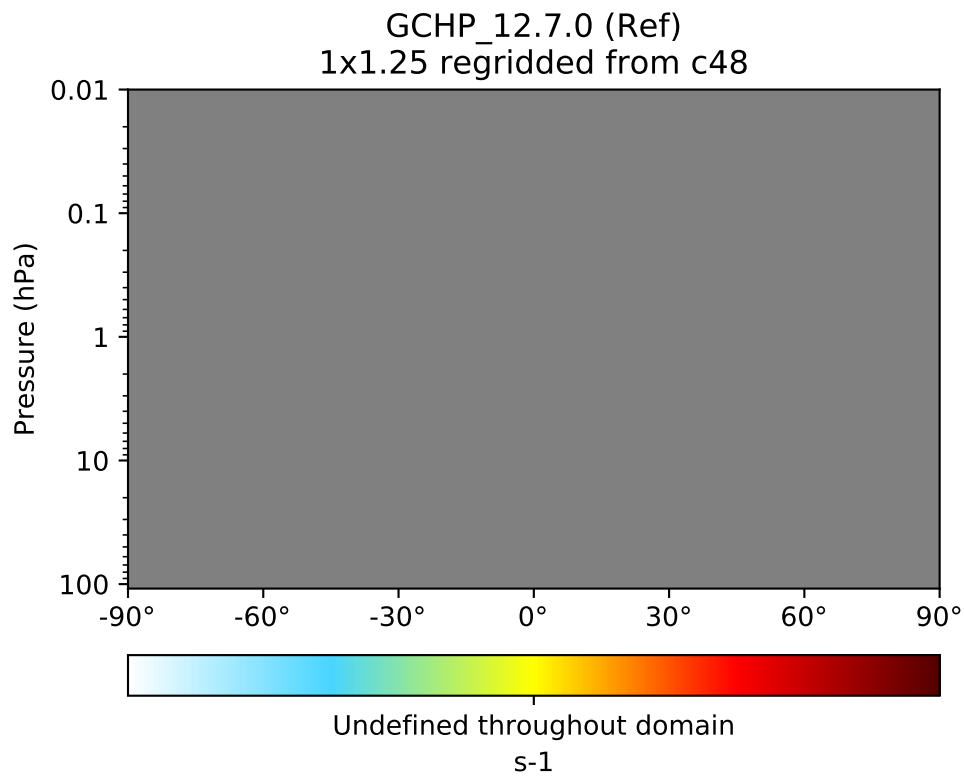
Jval_H2O2, Zonal Mean



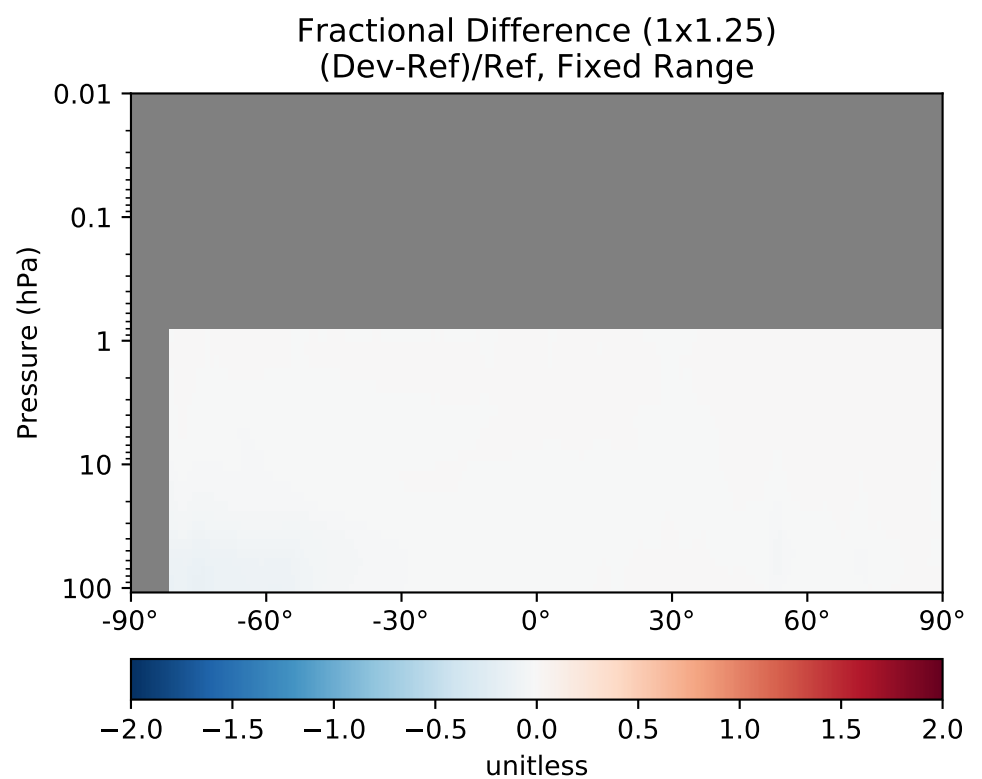
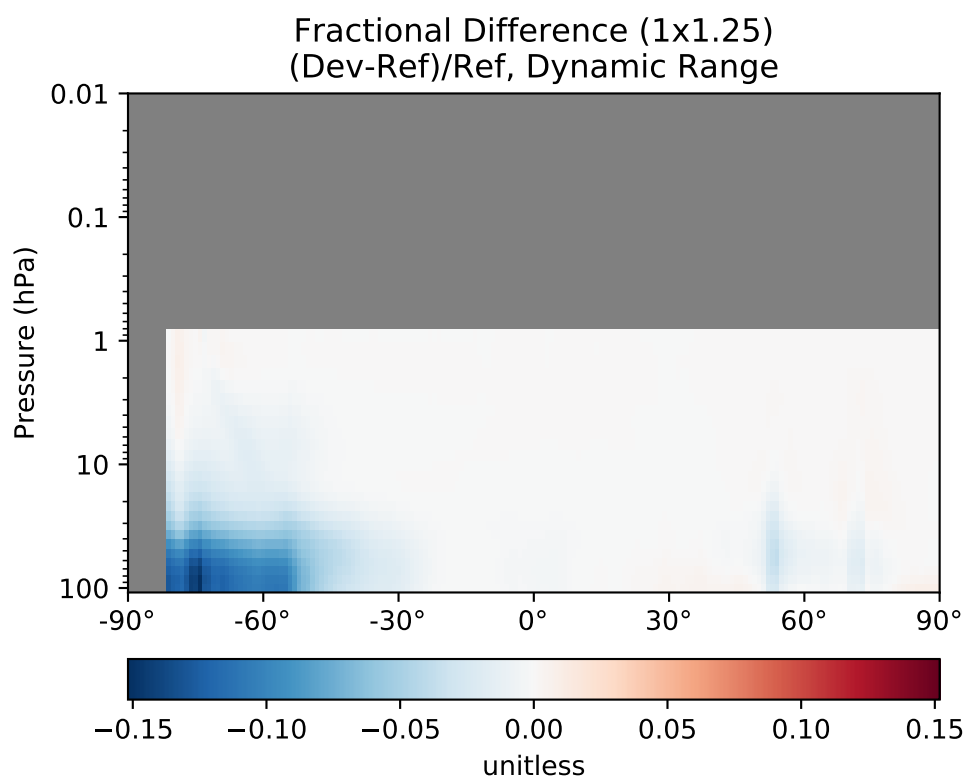
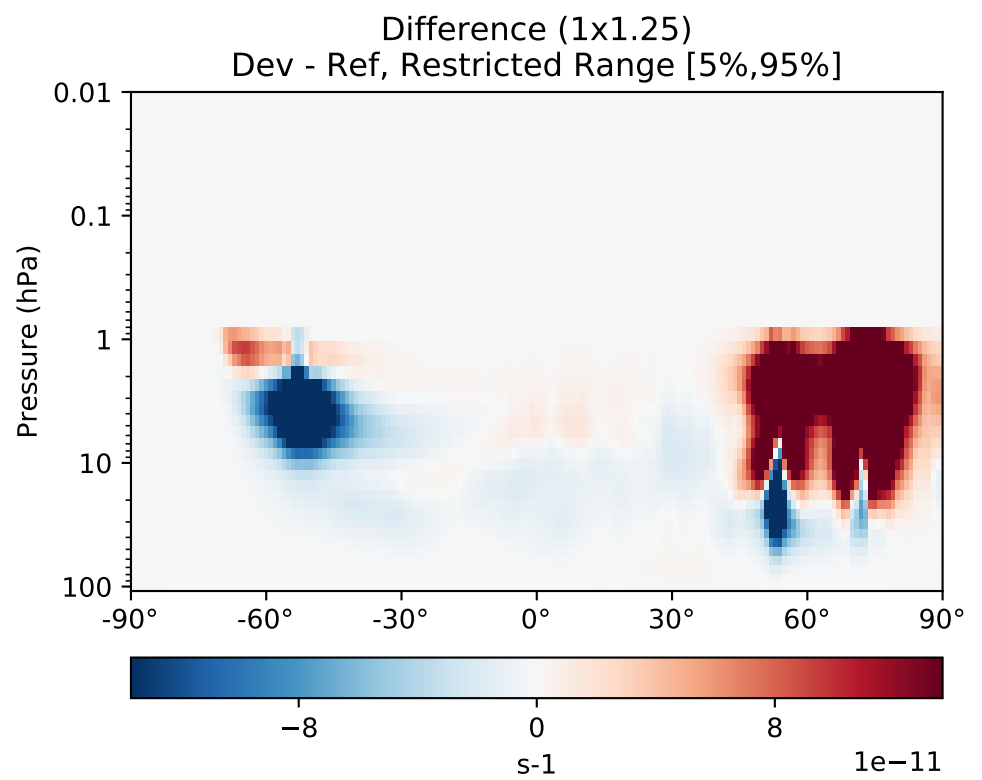
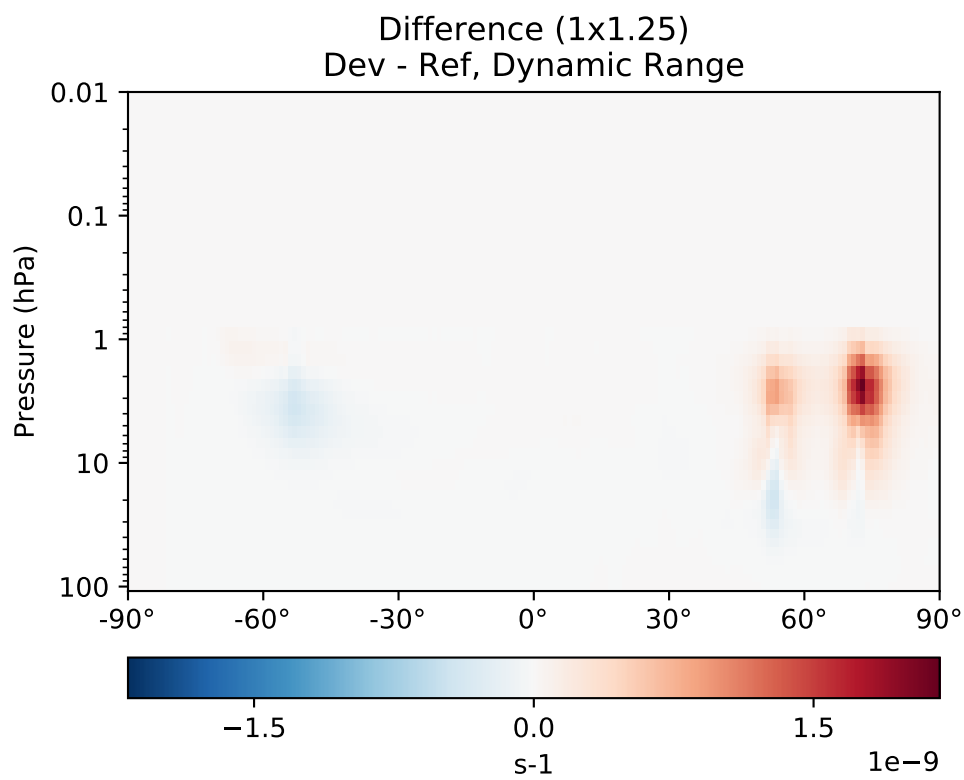
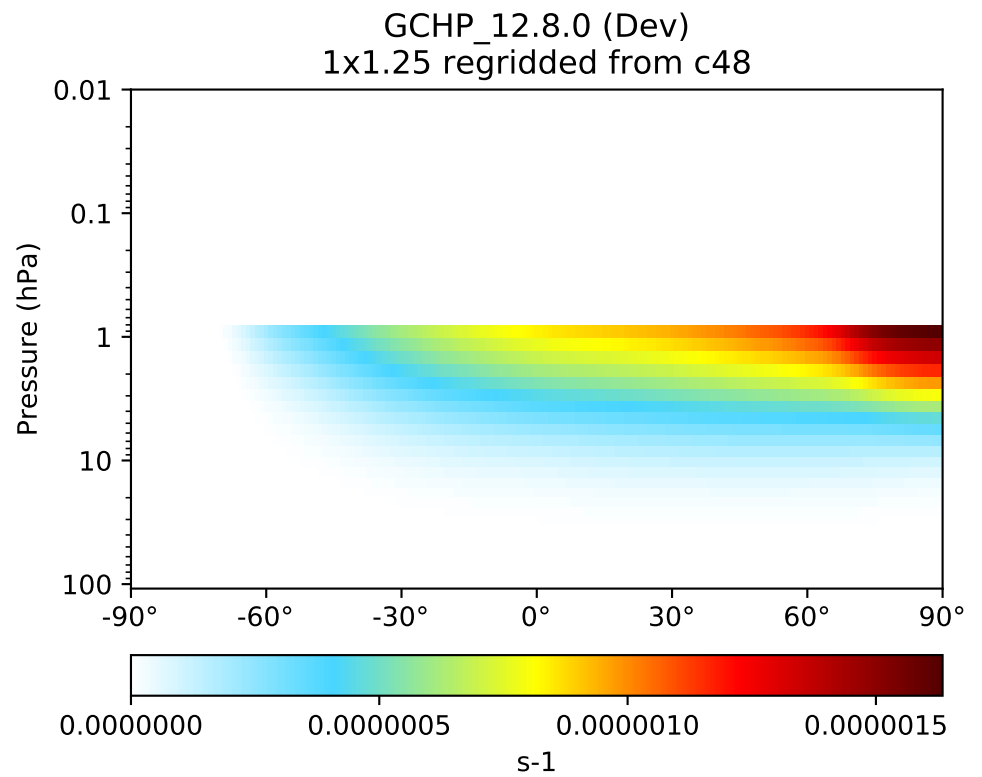
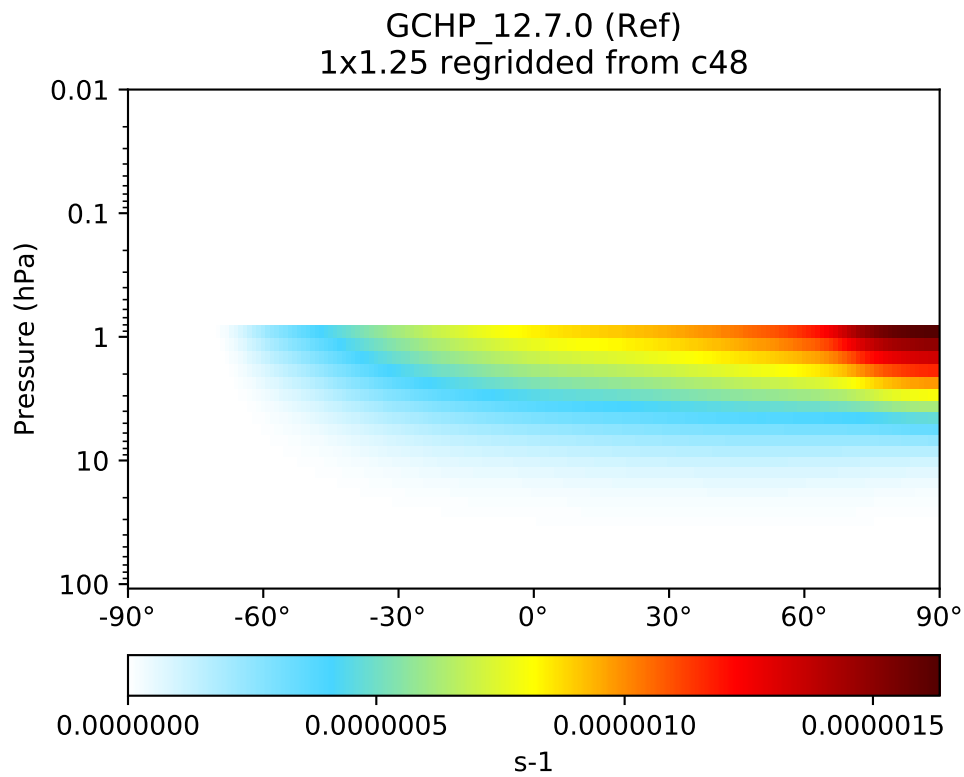
Jval_HAC, Zonal Mean



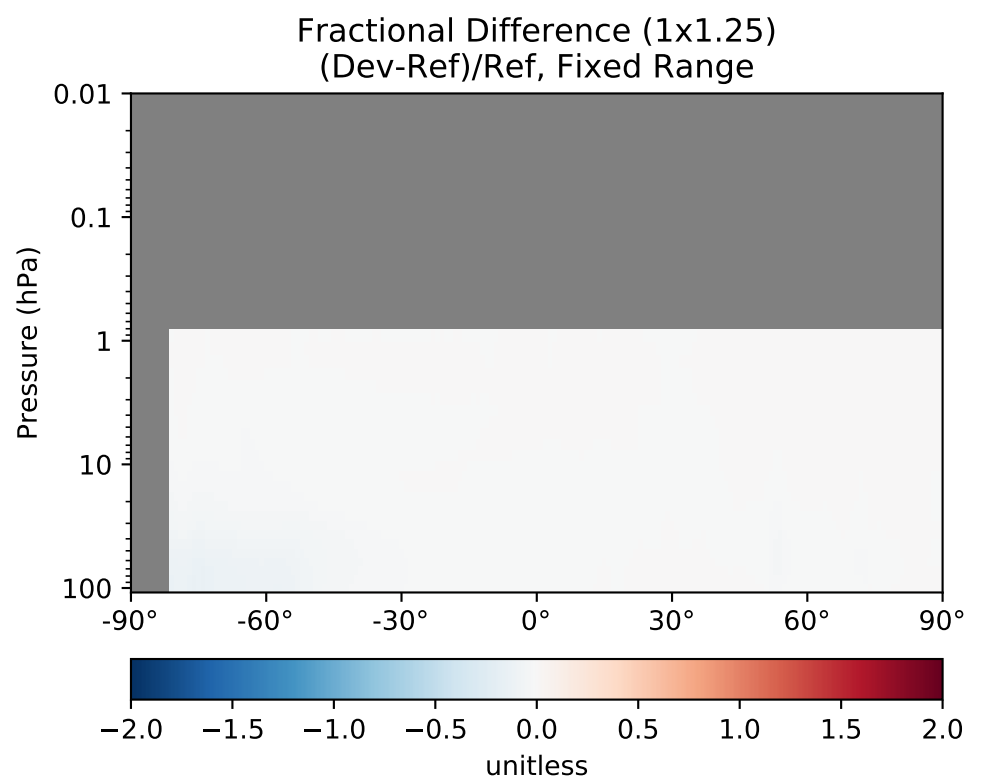
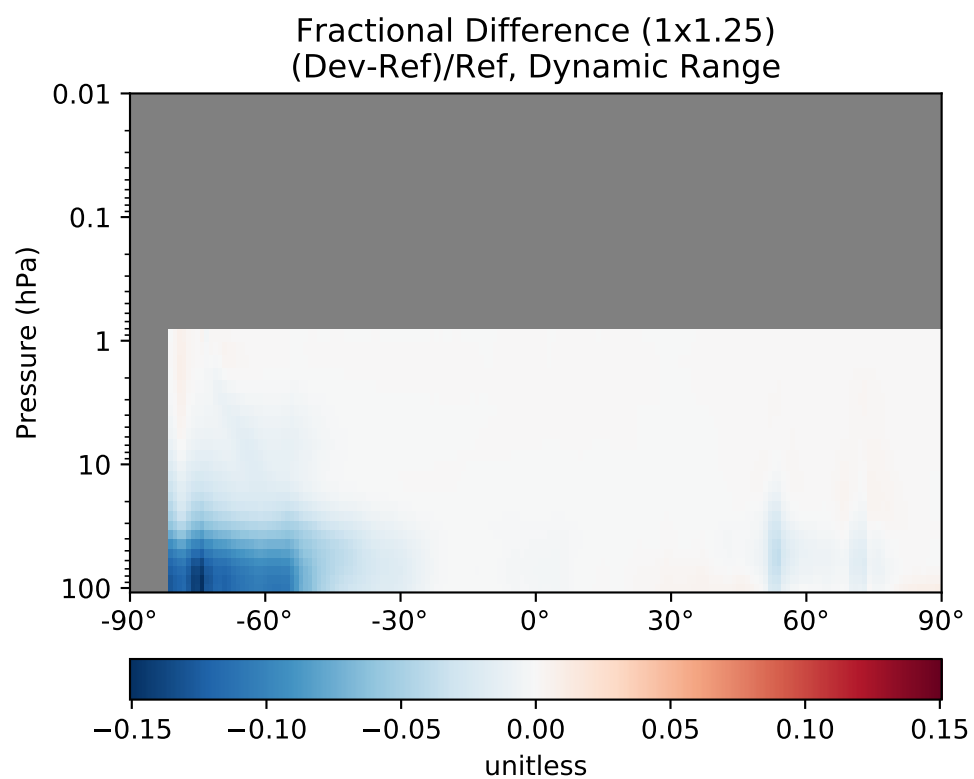
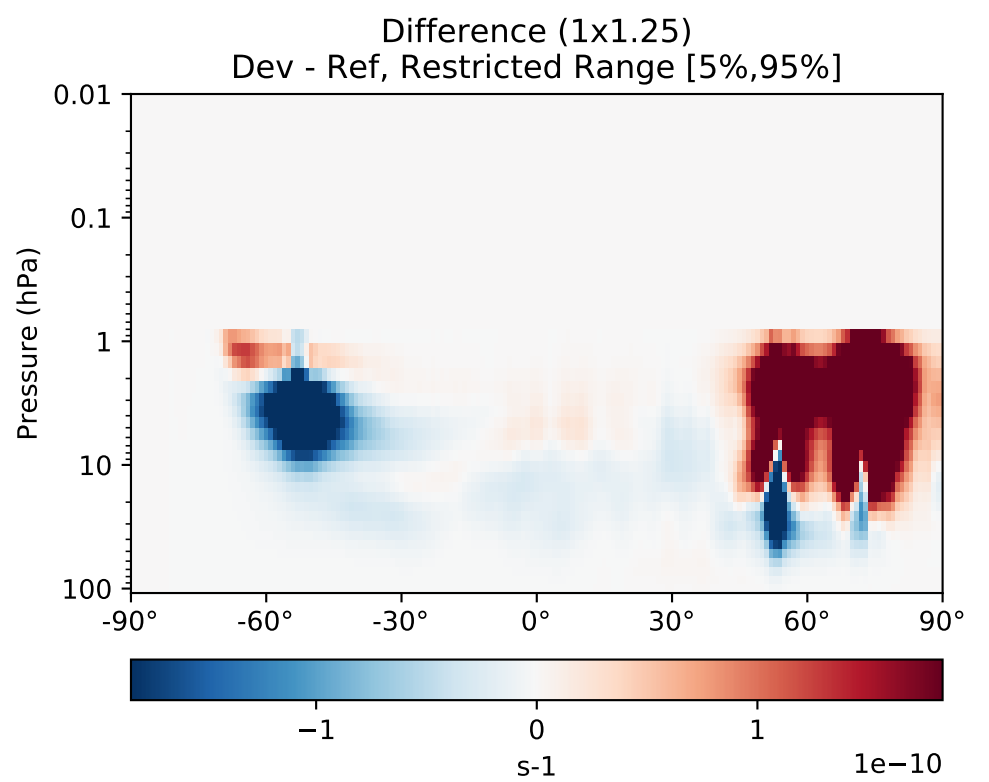
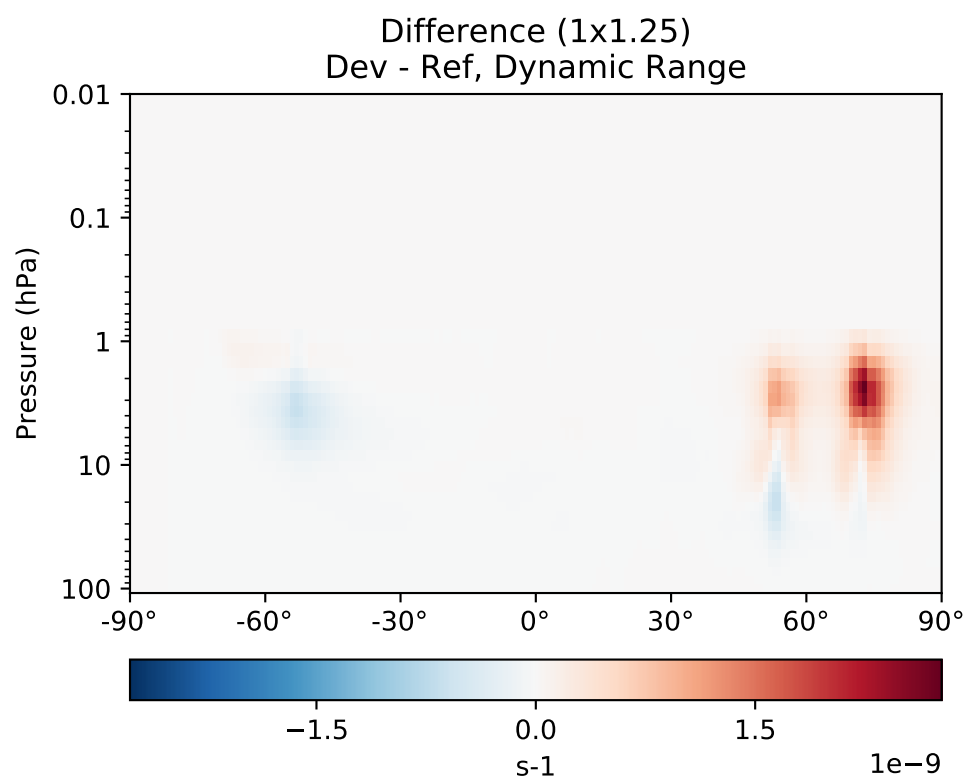
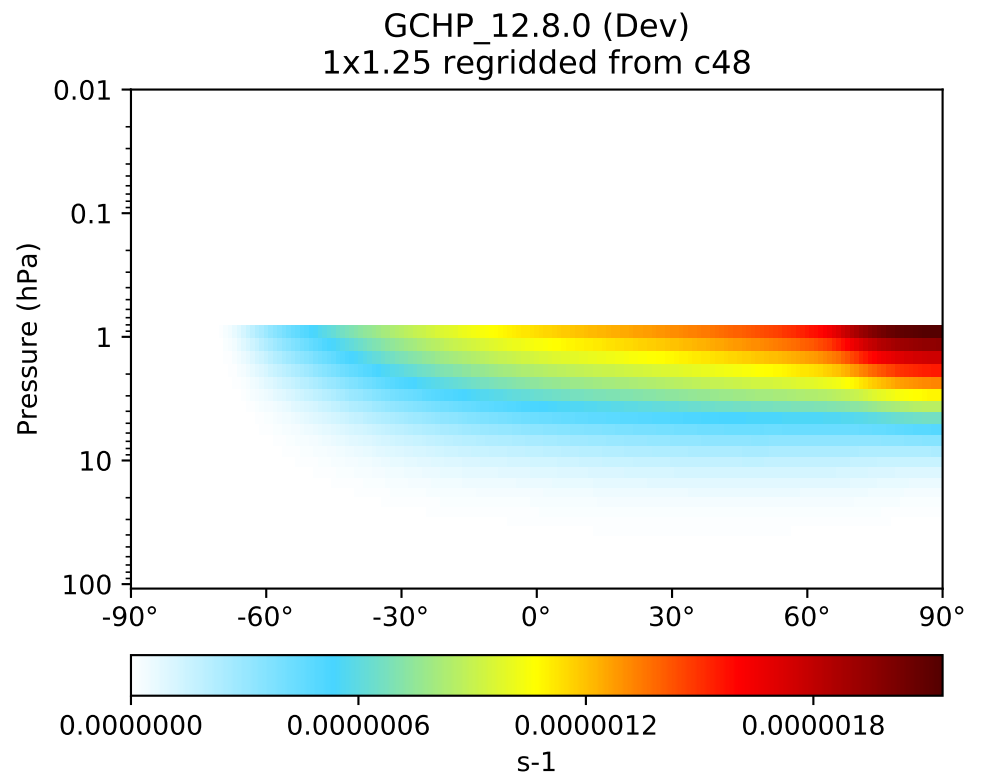
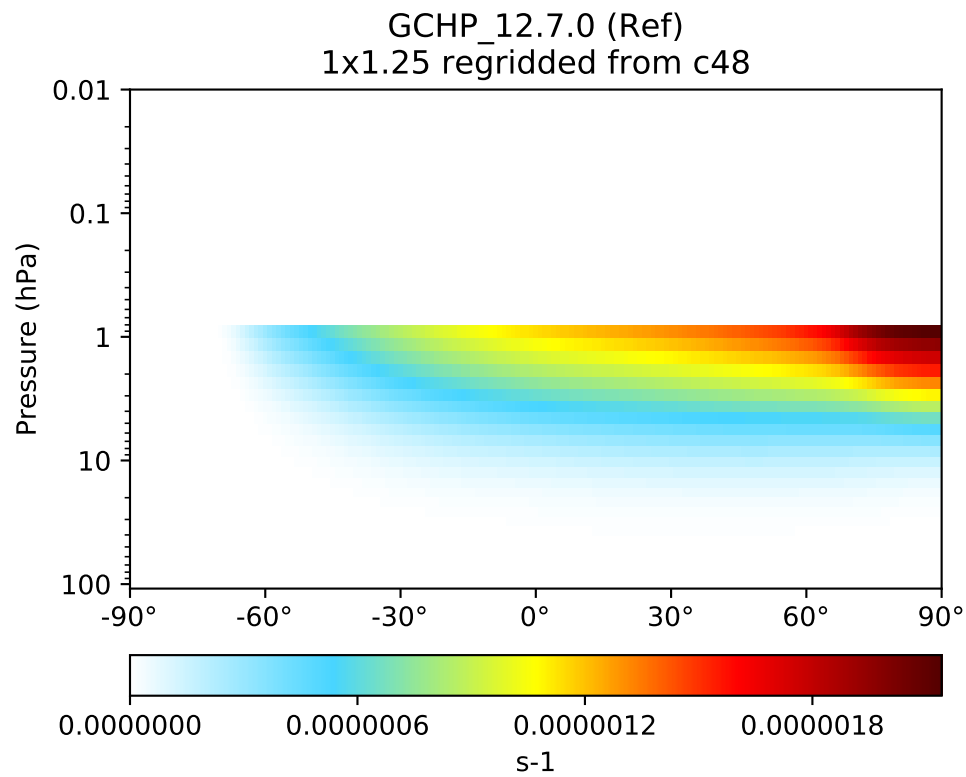
Jval_HC5A, Zonal Mean



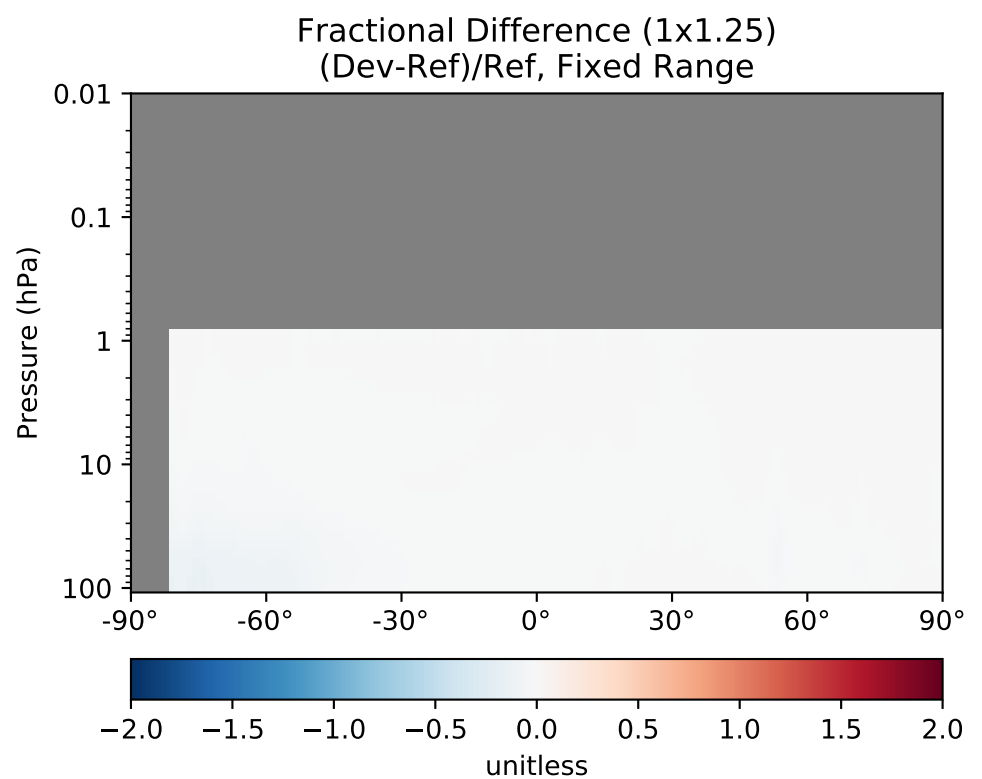
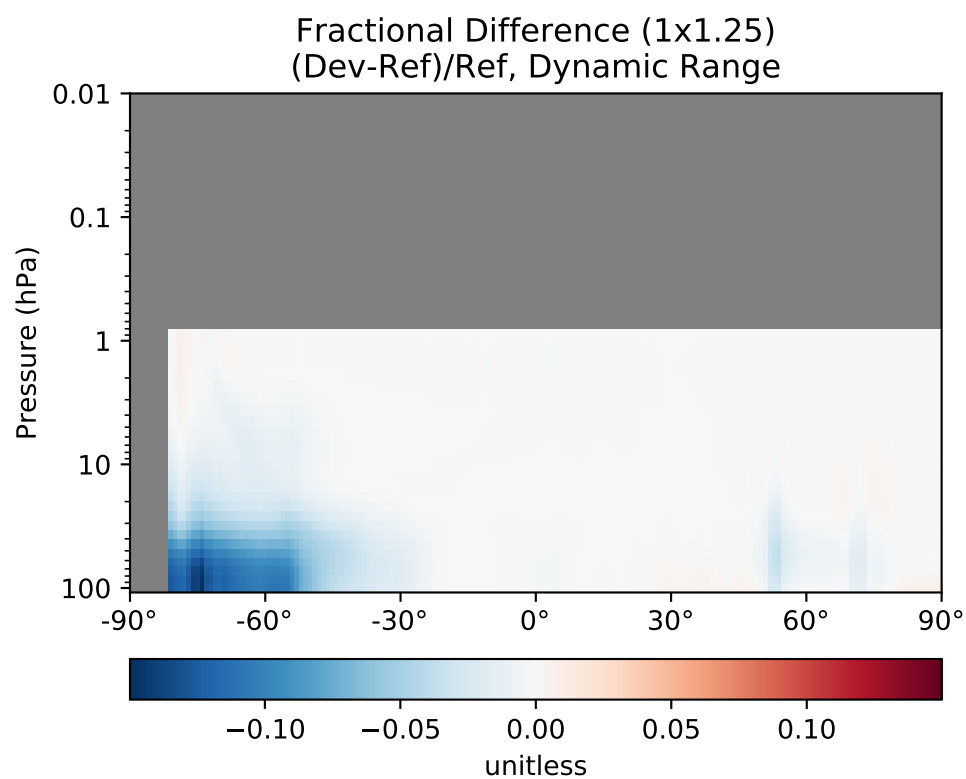
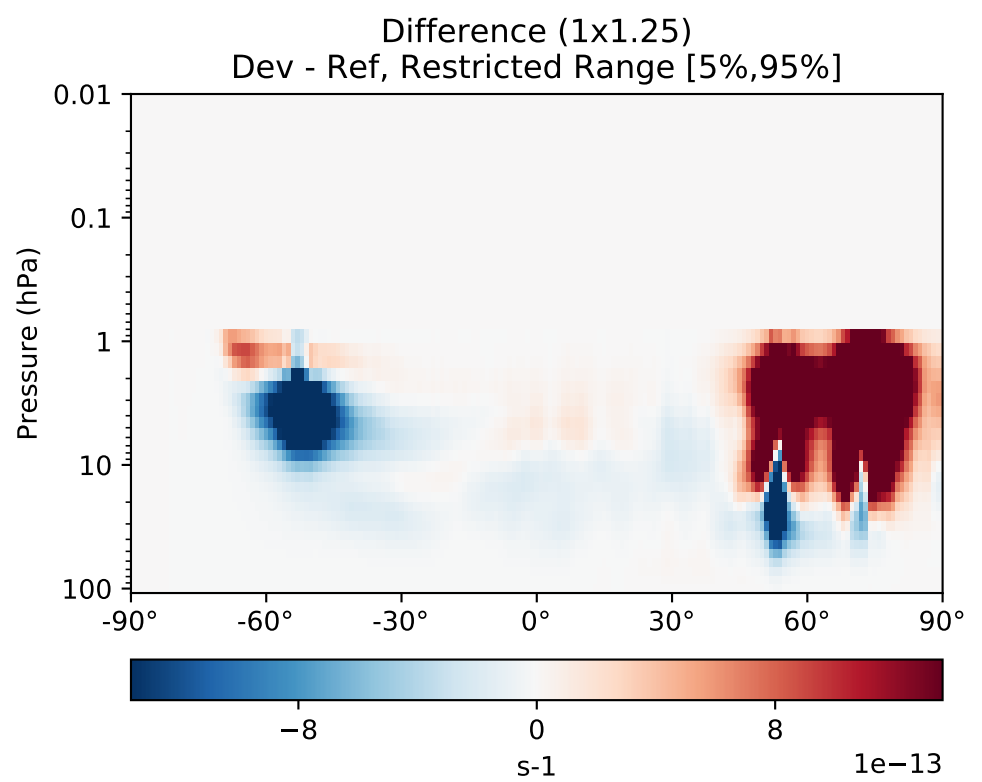
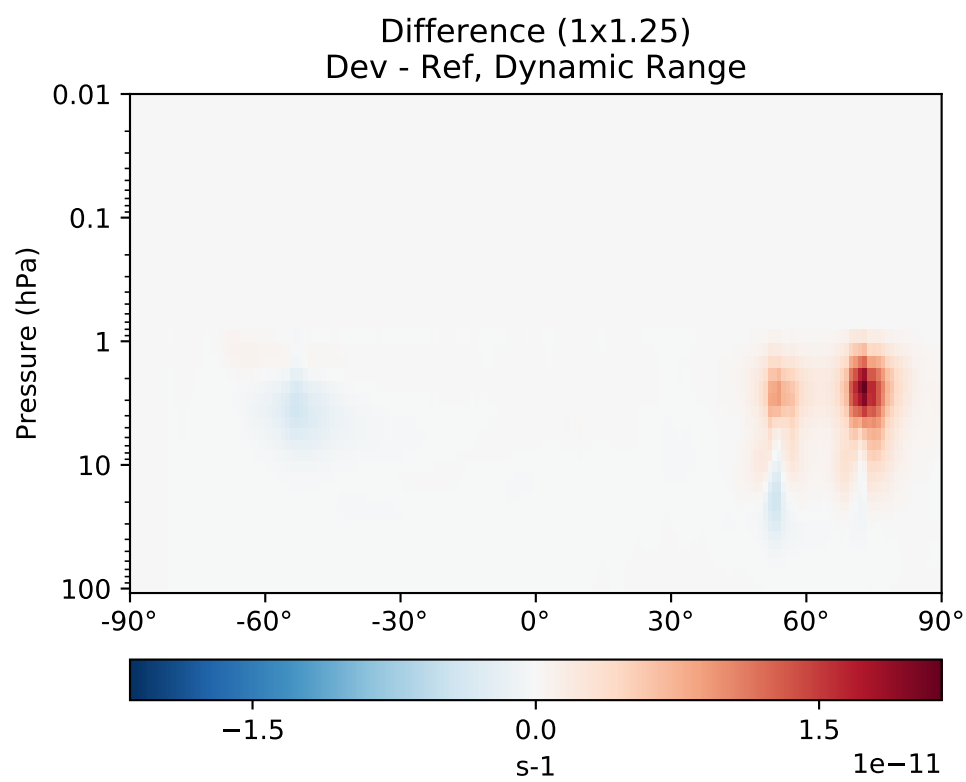
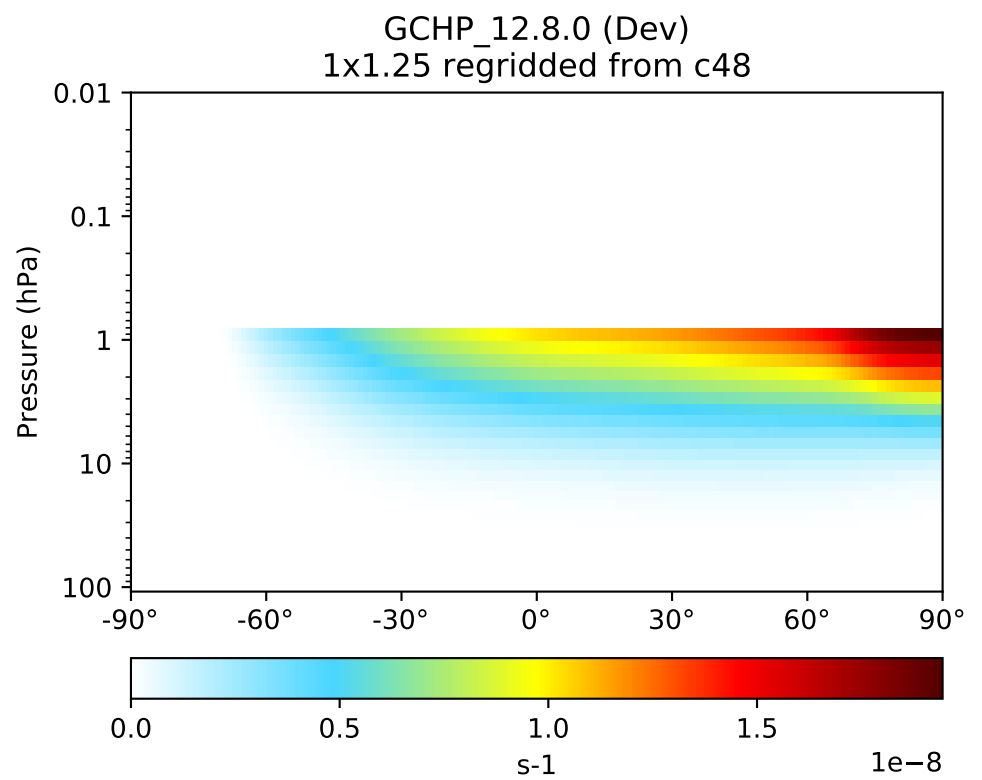
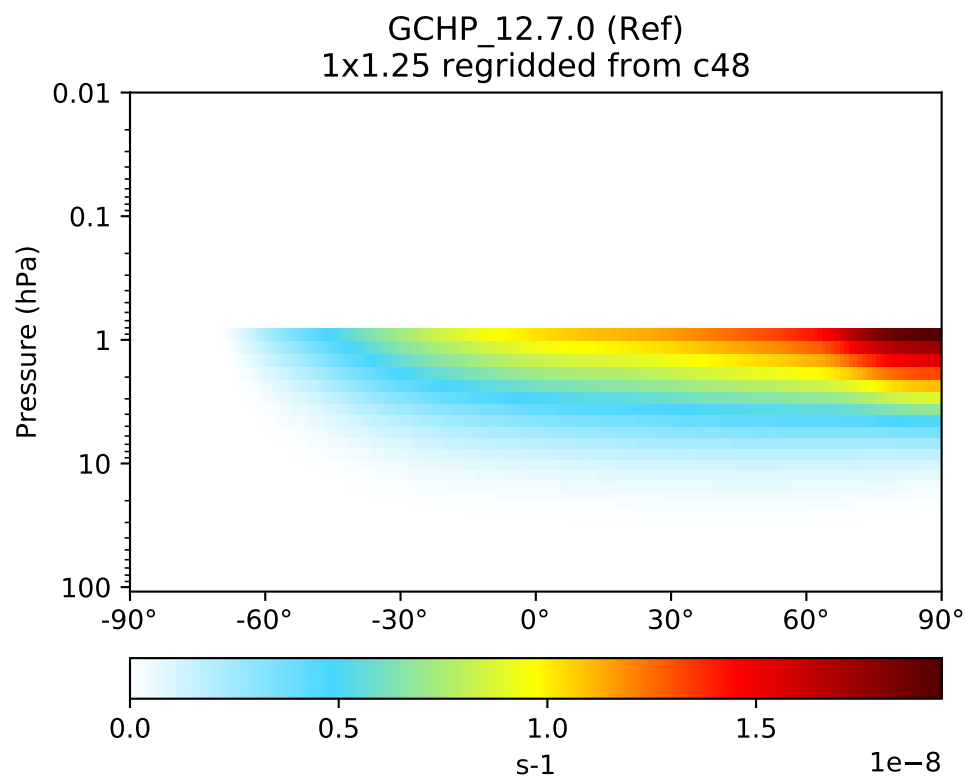
Jval_HCFC123, Zonal Mean



Jval_HCFC141B, Zonal Mean

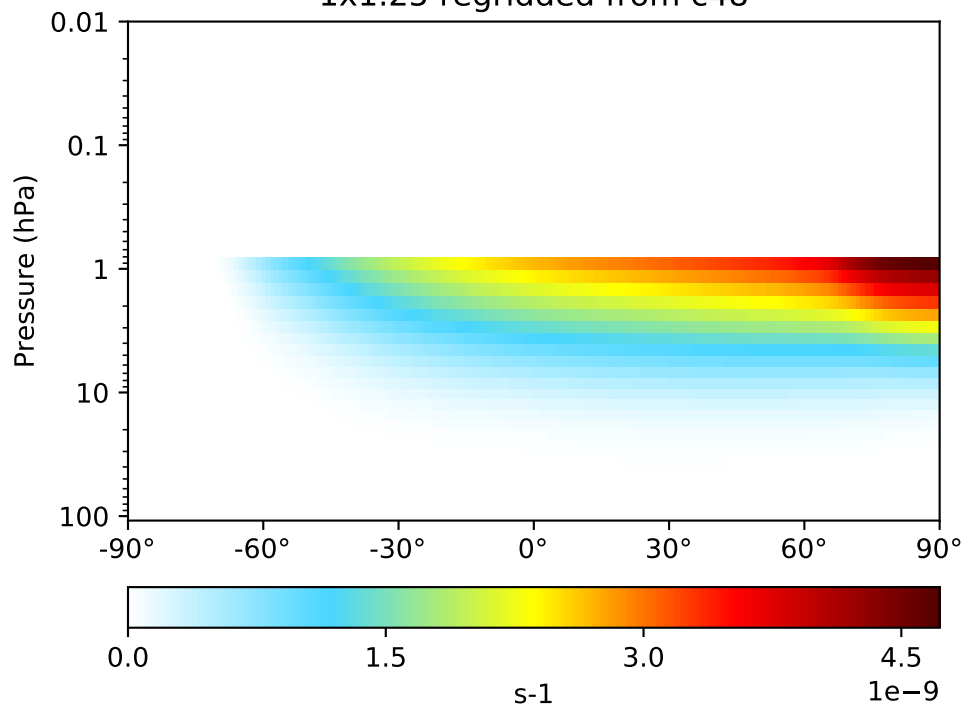


Jval_HCFC142B, Zonal Mean

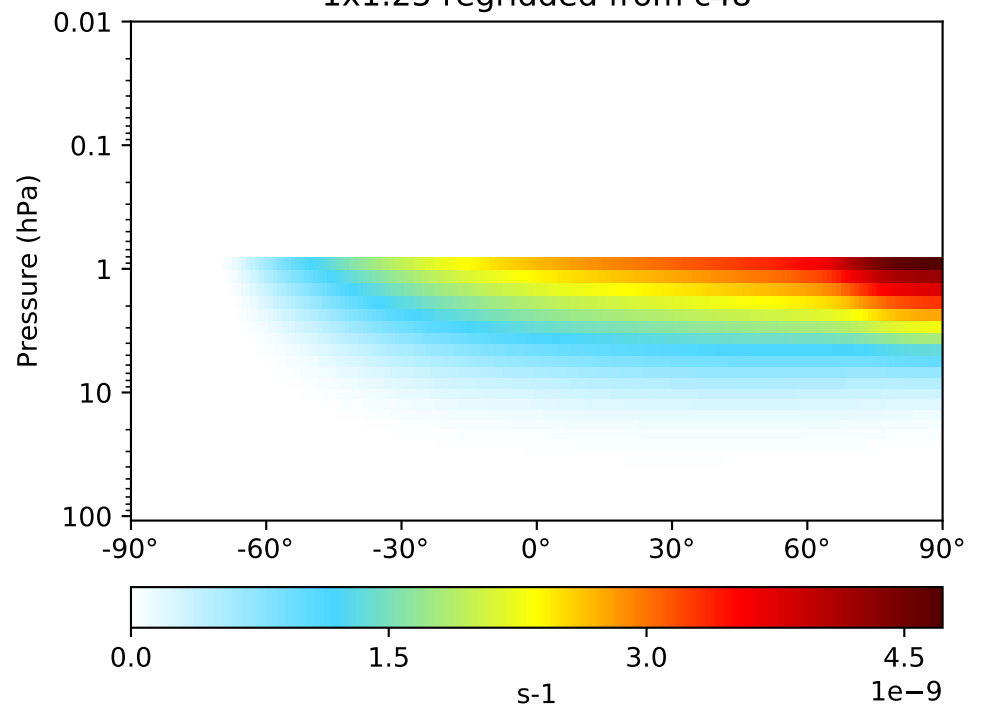


Jval_HCFC22, Zonal Mean

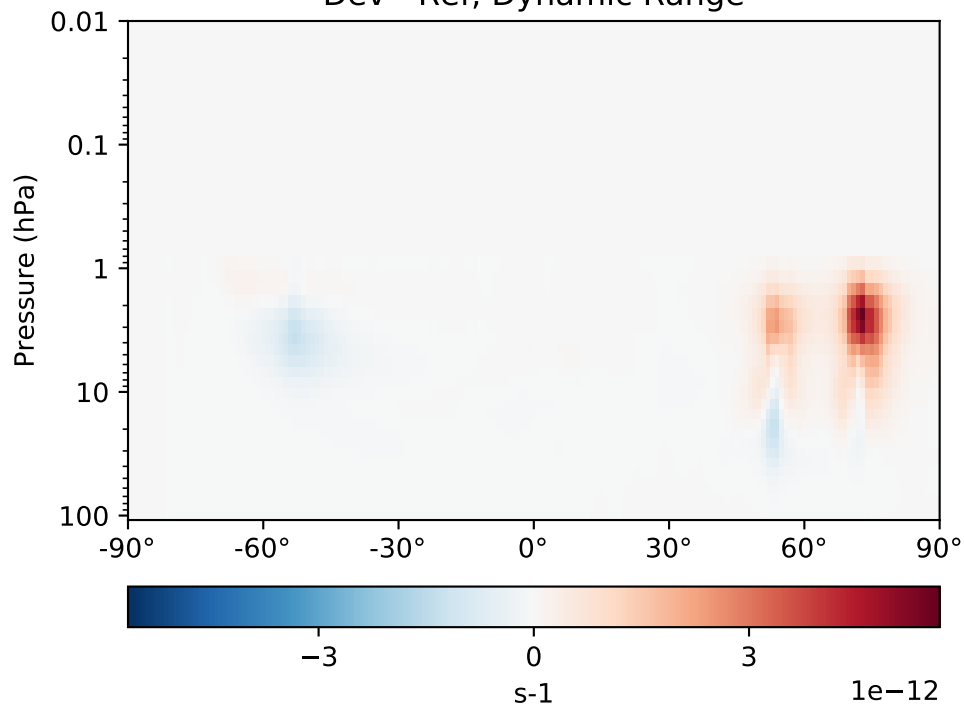
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



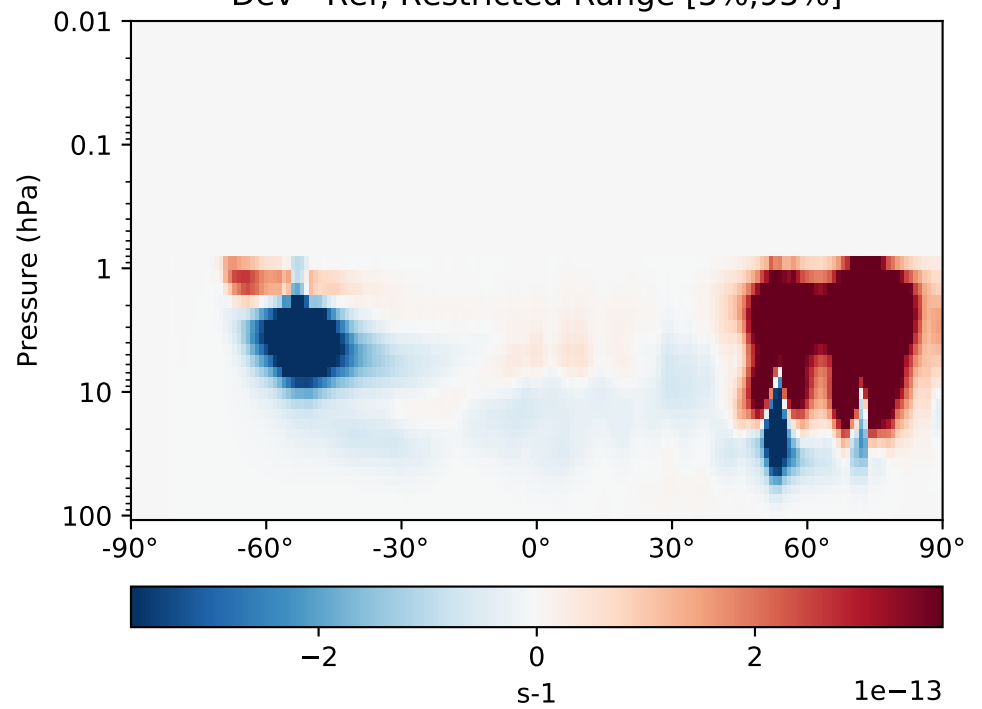
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



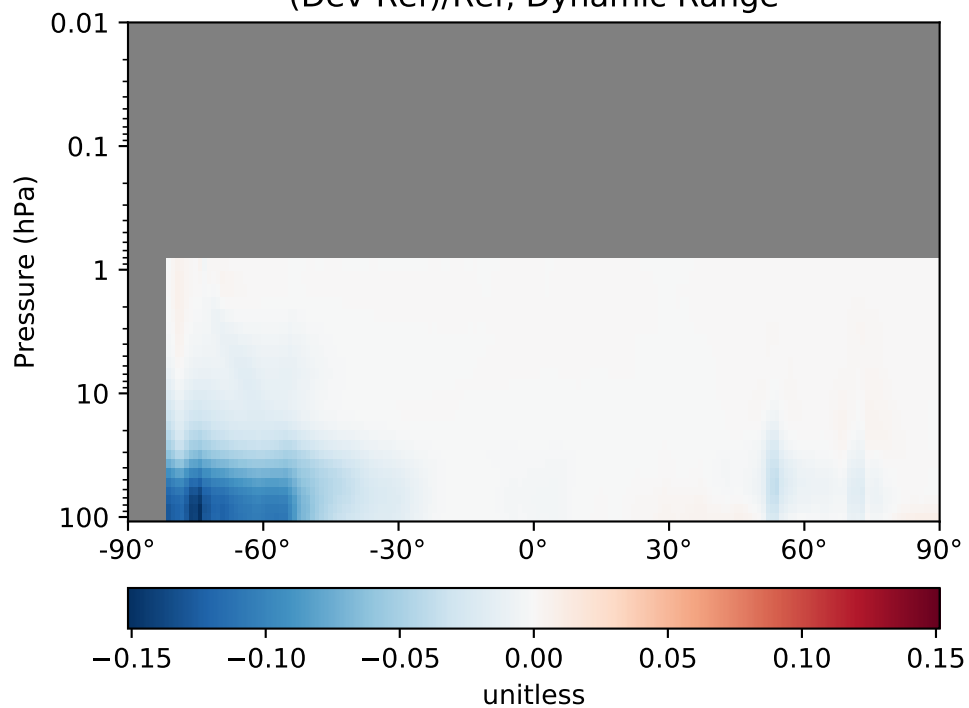
Difference (1x1.25)
Dev - Ref, Dynamic Range



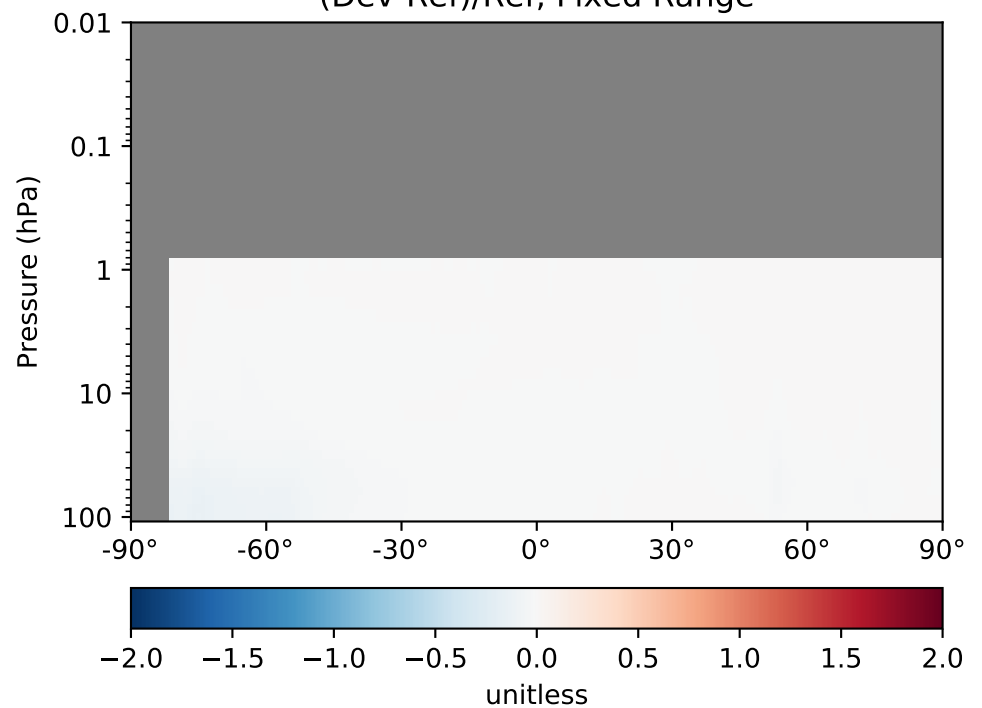
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

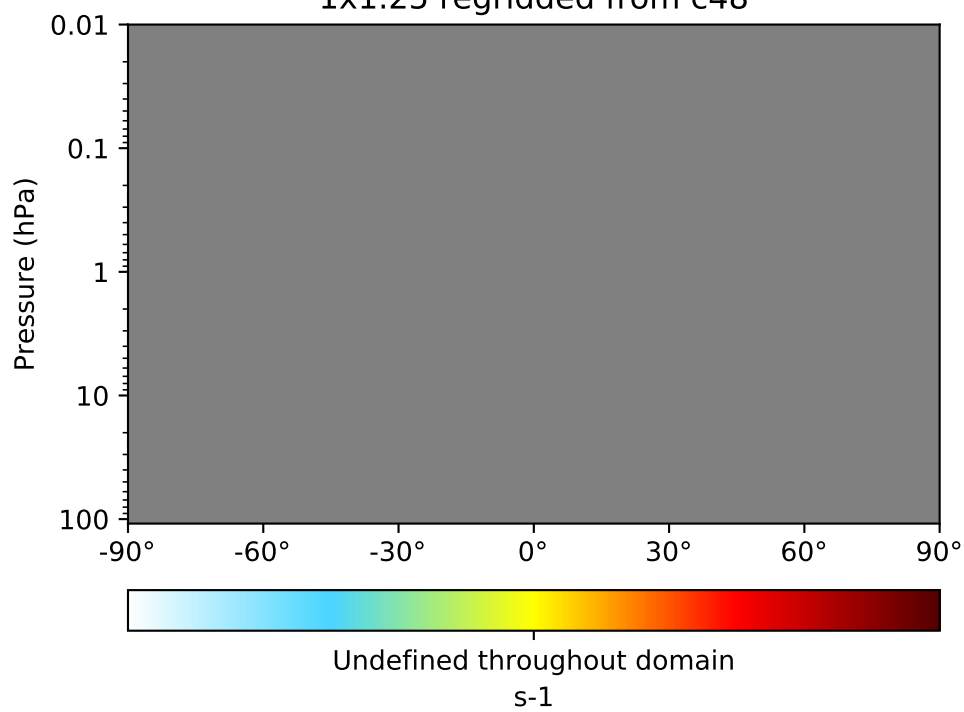


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

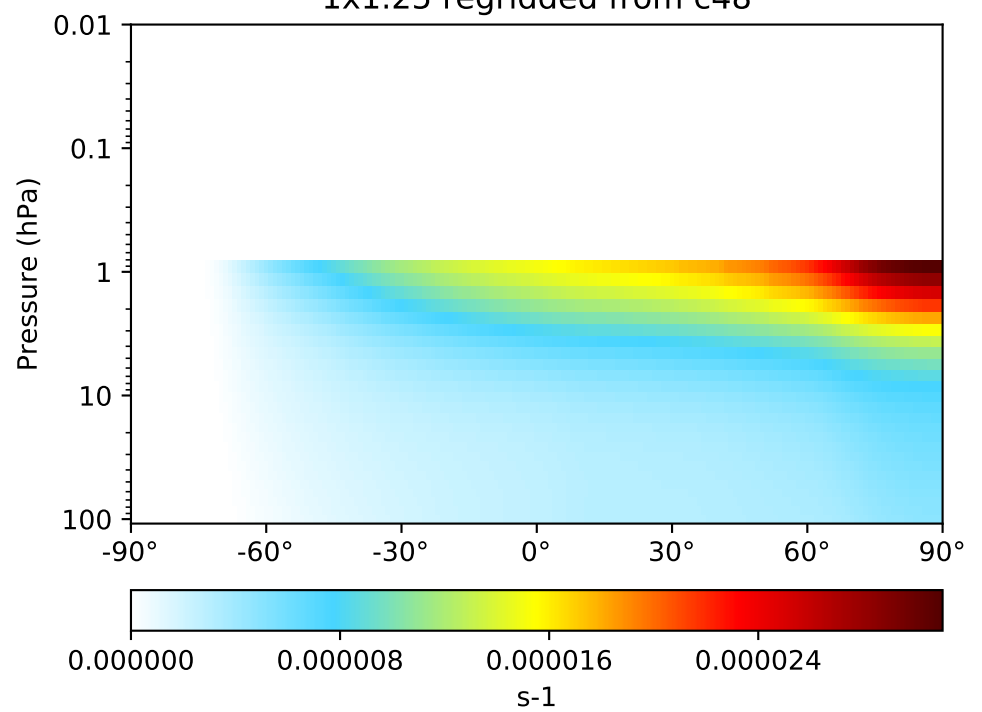


Jval_HMHP, Zonal Mean

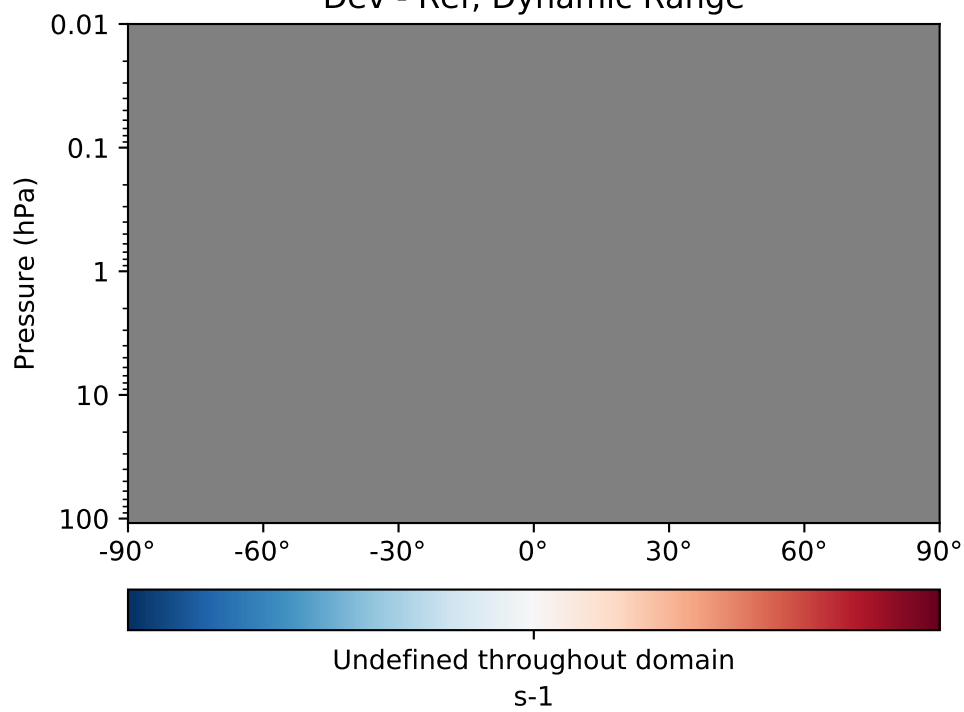
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



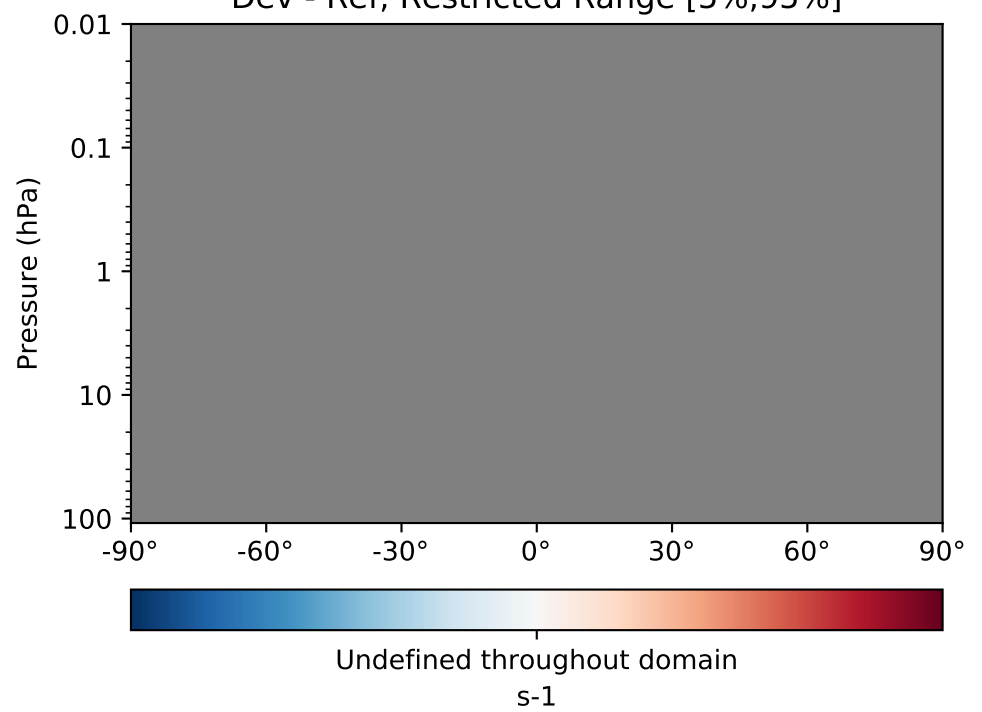
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



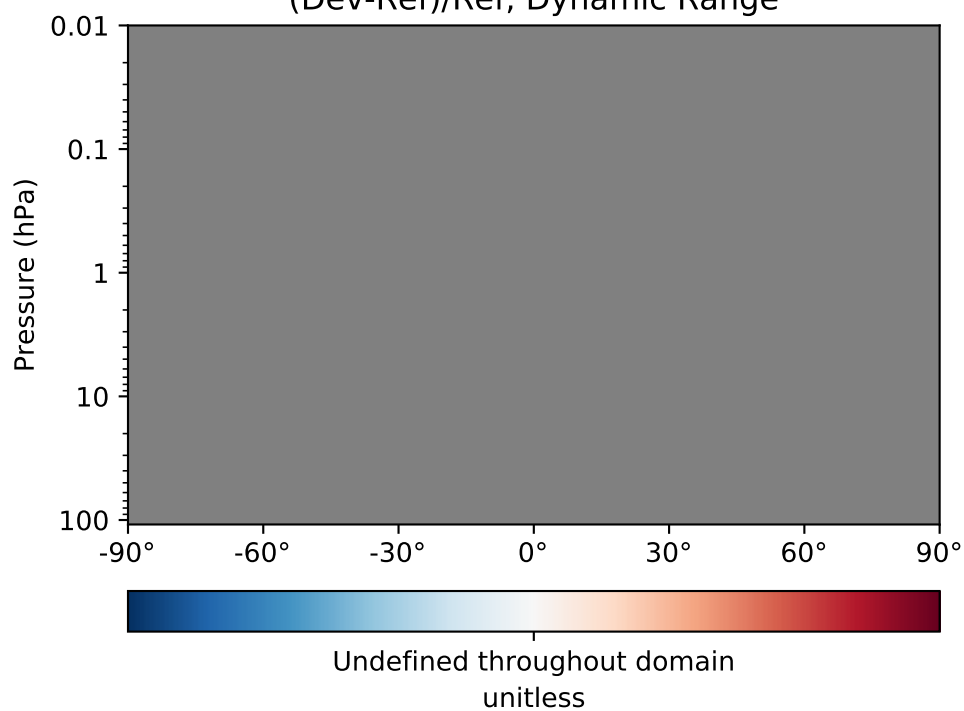
Difference (1x1.25)
Dev - Ref, Dynamic Range



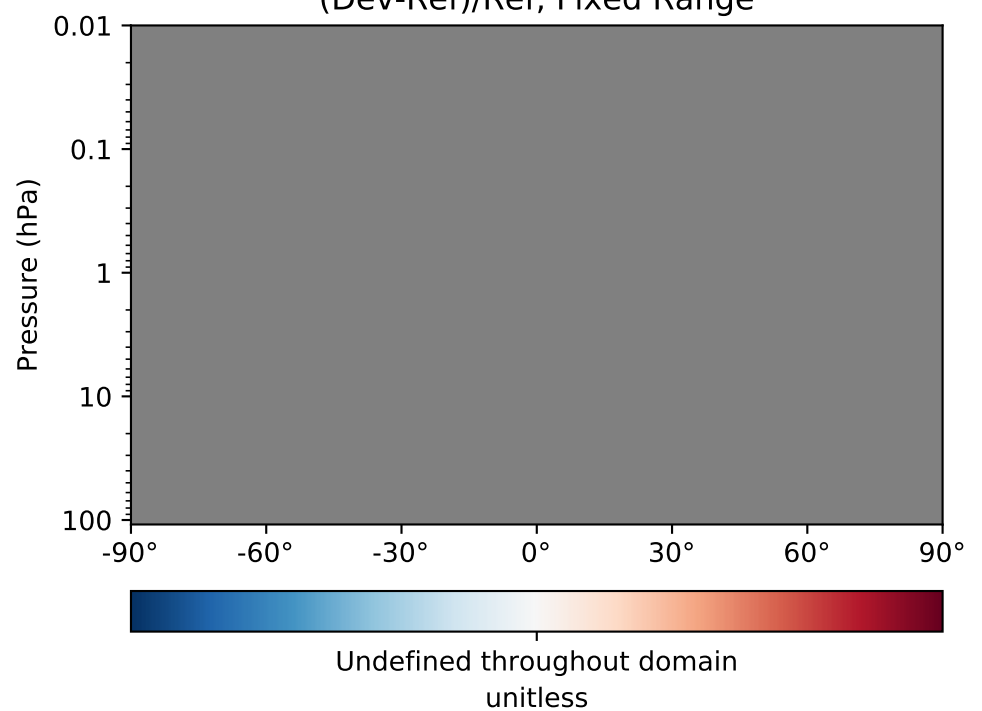
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

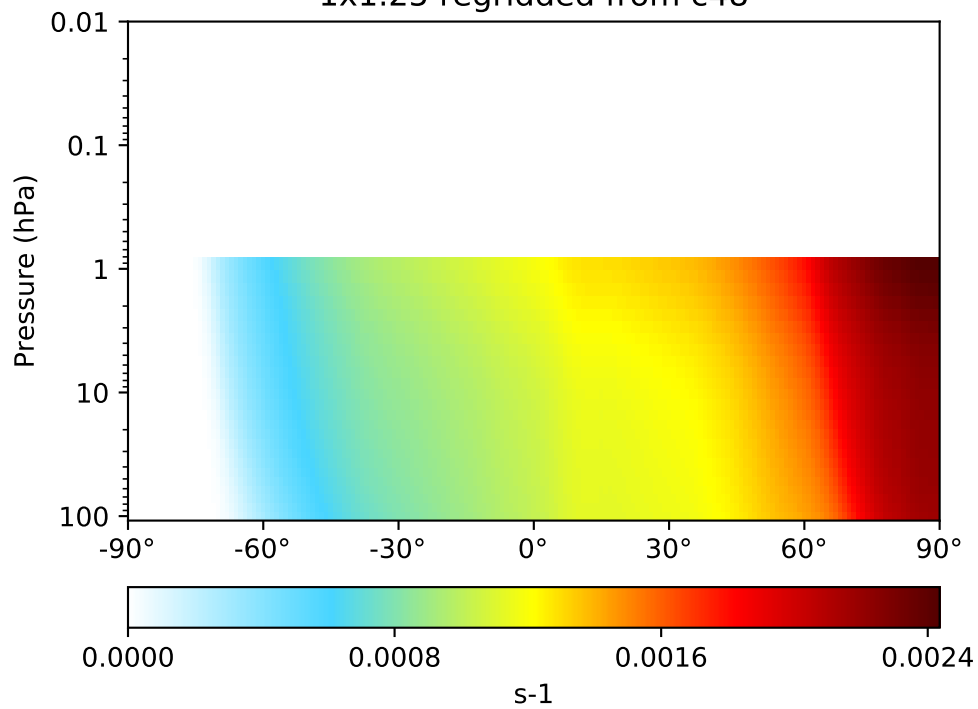


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

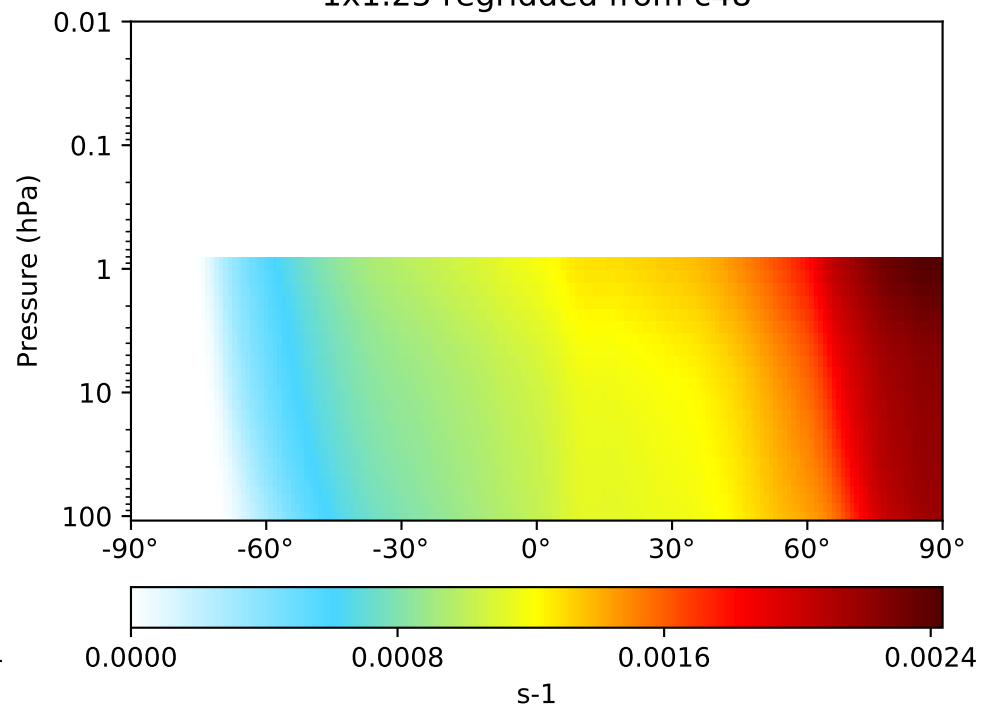


Jval_HNO2, Zonal Mean

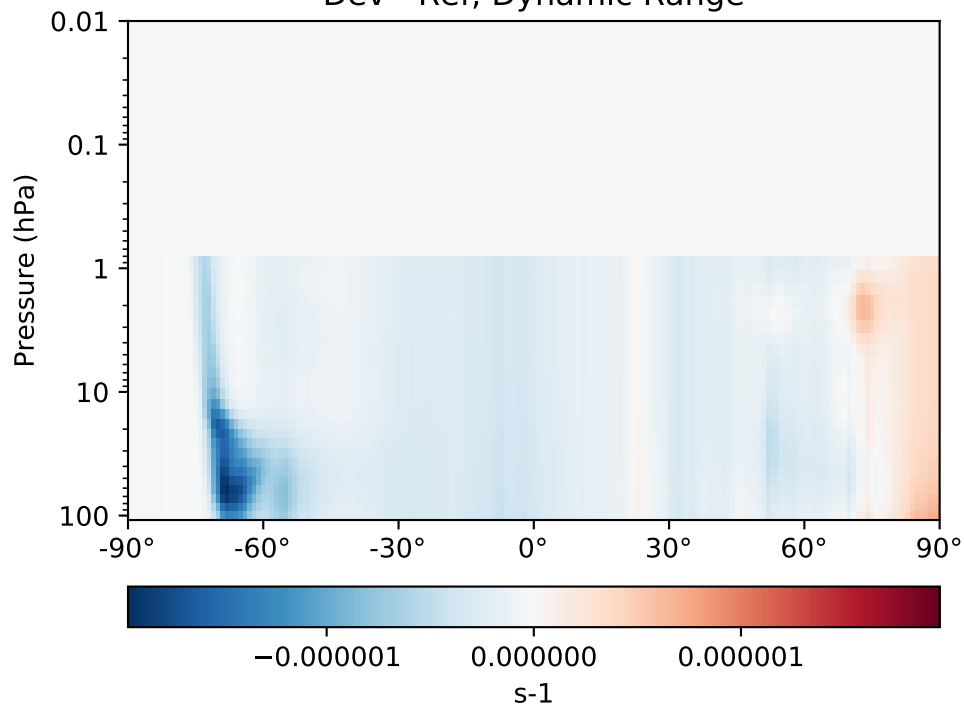
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



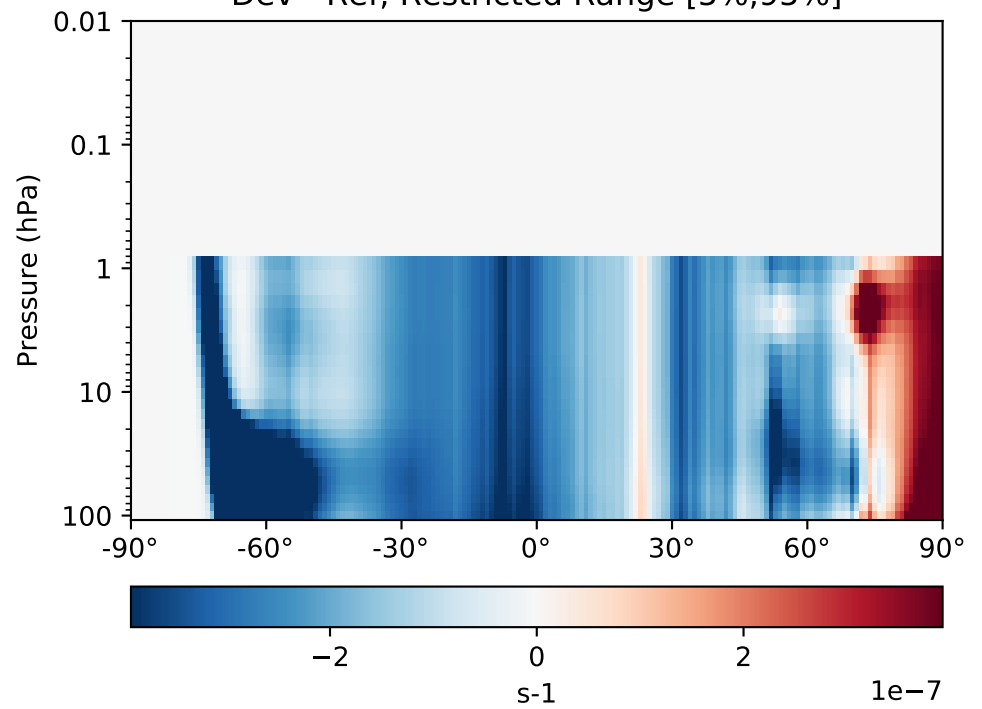
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



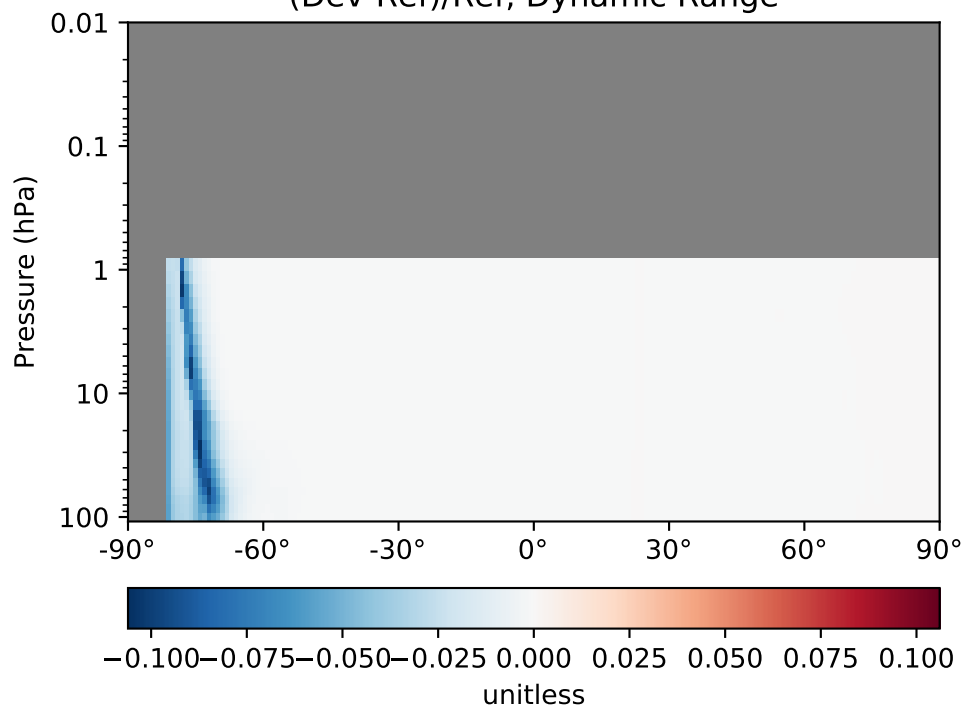
Difference (1x1.25)
Dev - Ref, Dynamic Range



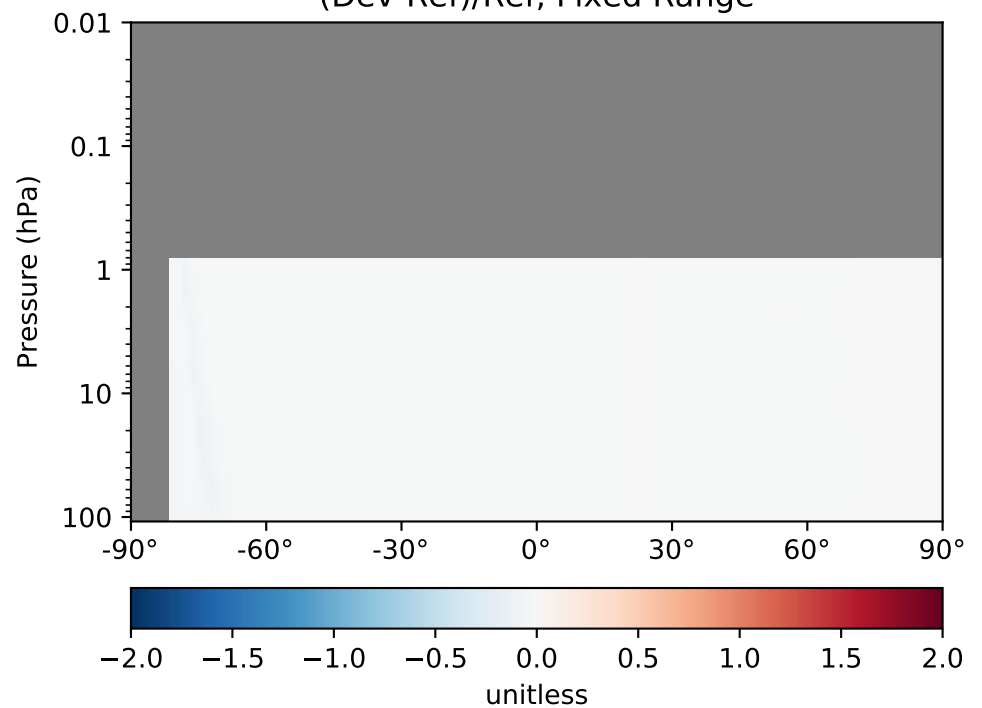
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

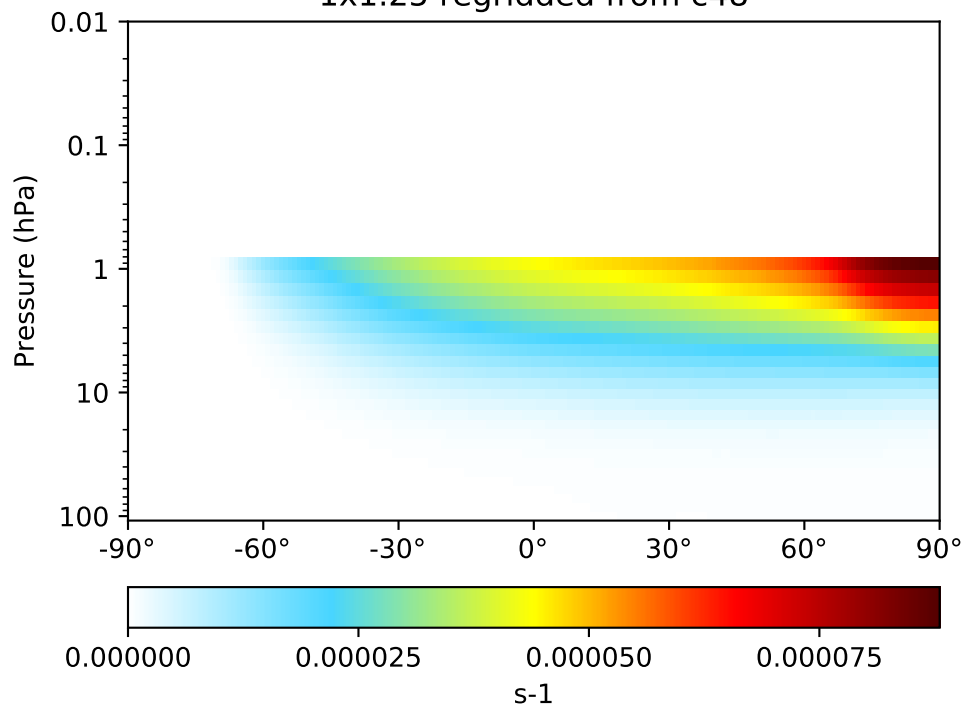


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

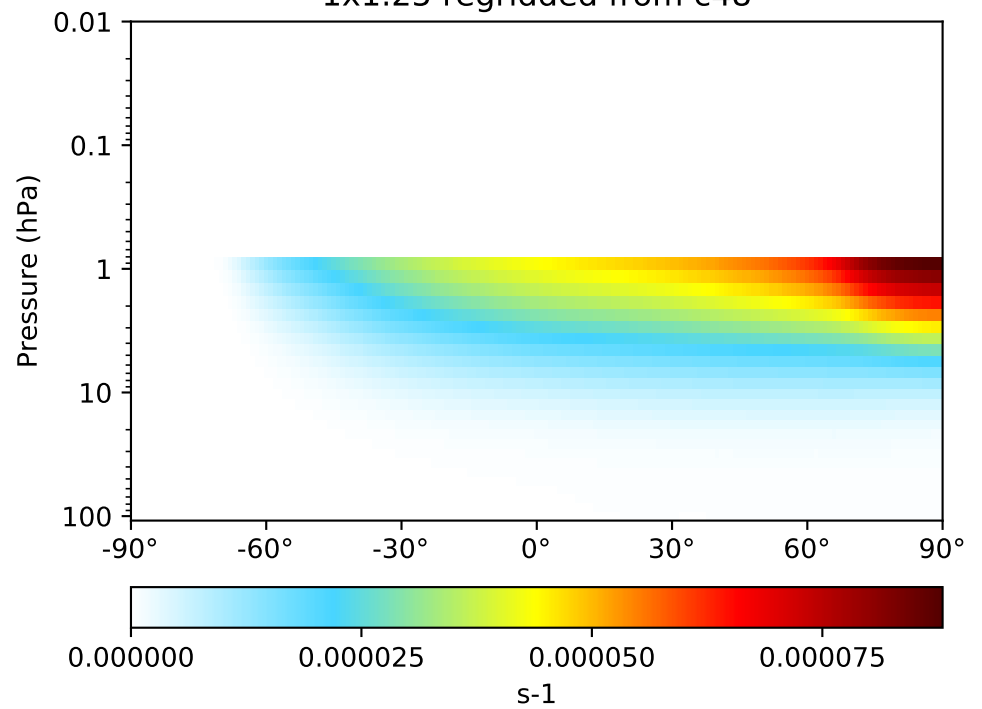


Jval_HNO3, Zonal Mean

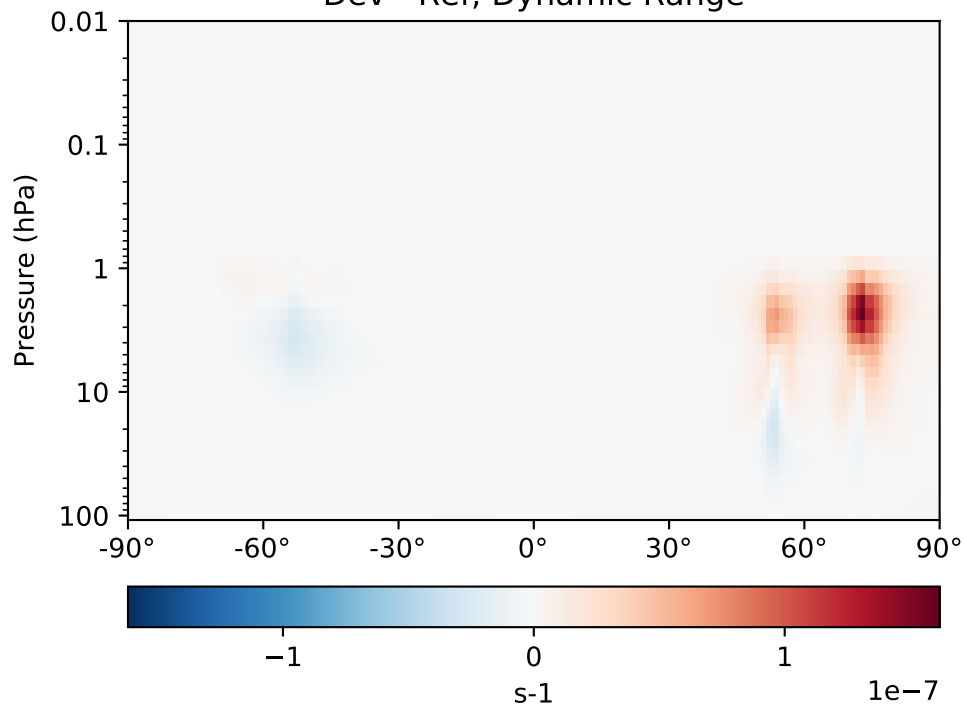
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



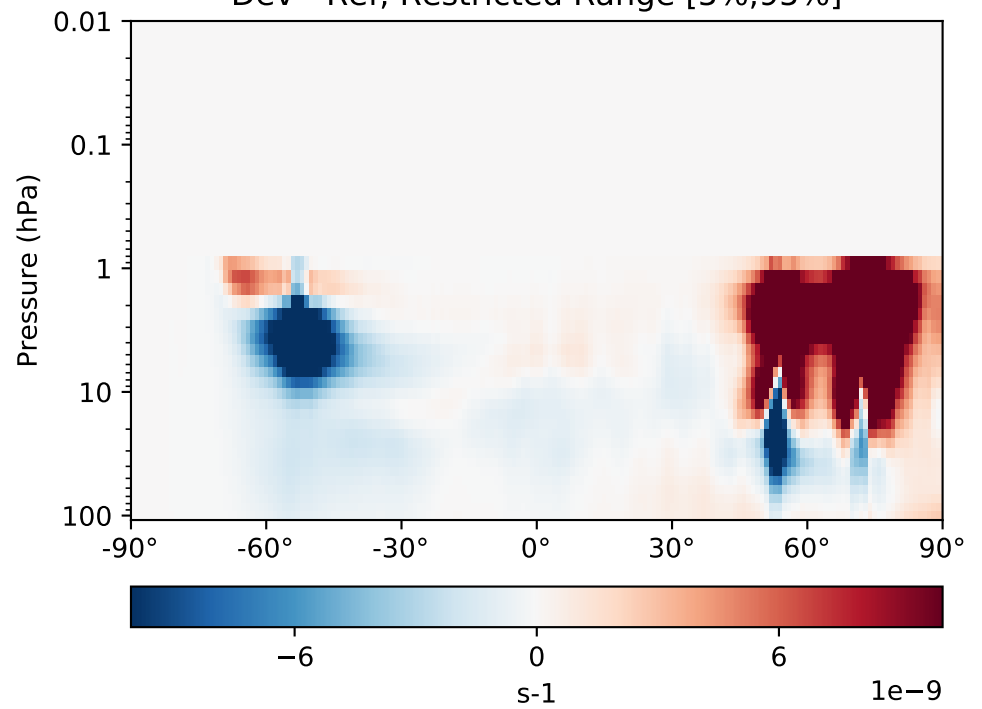
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



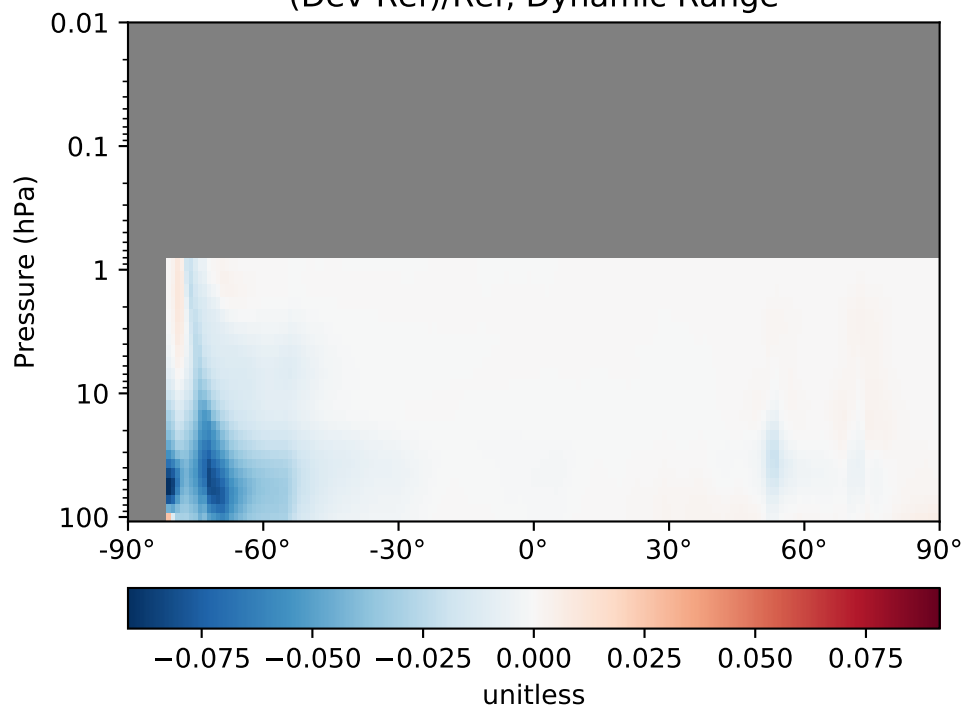
Difference (1x1.25)
Dev - Ref, Dynamic Range



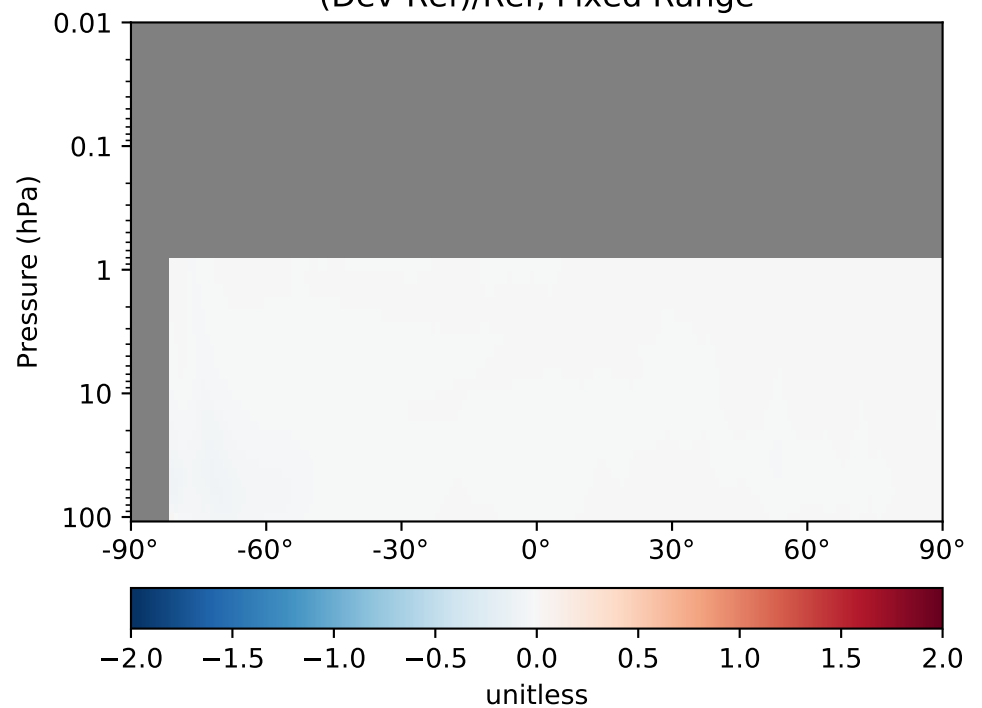
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



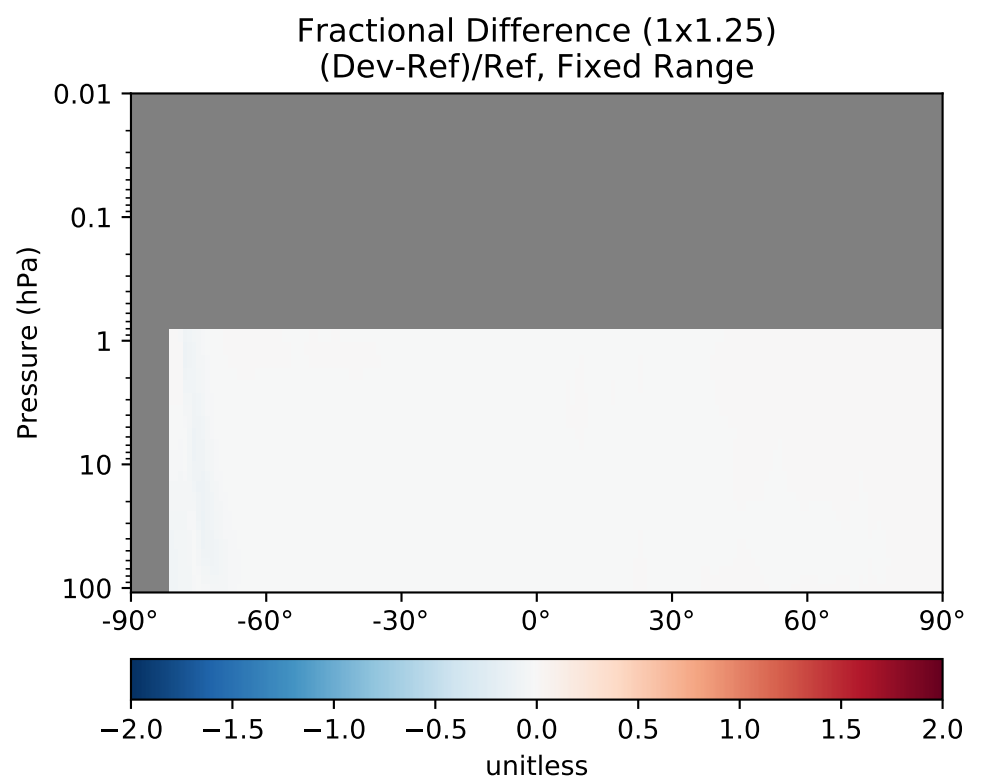
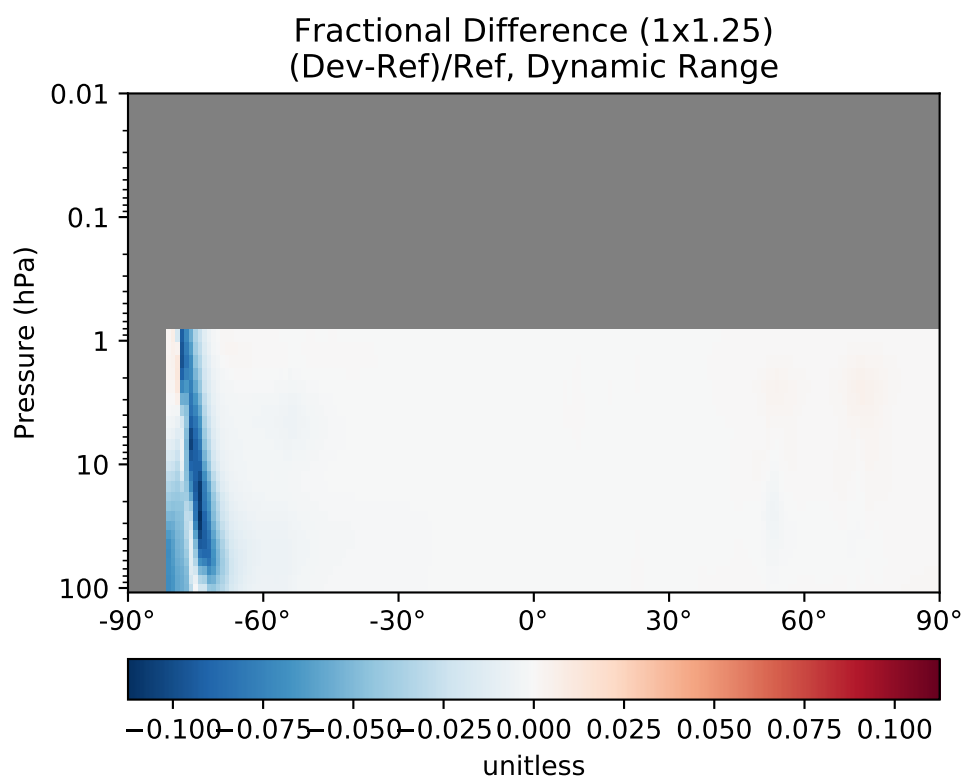
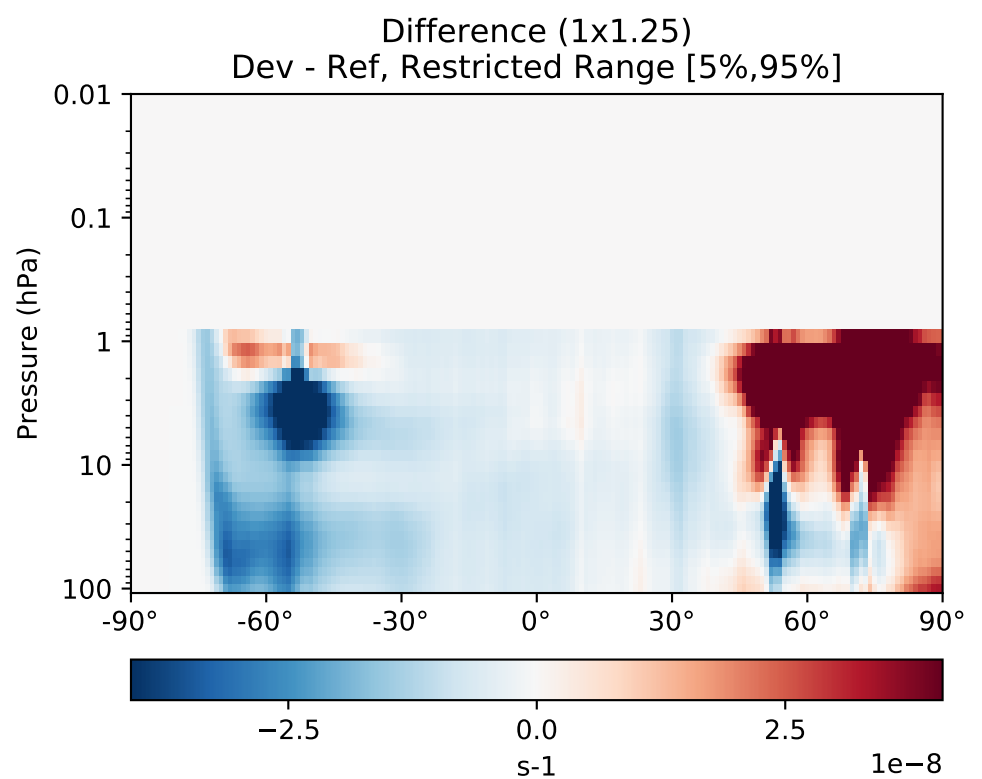
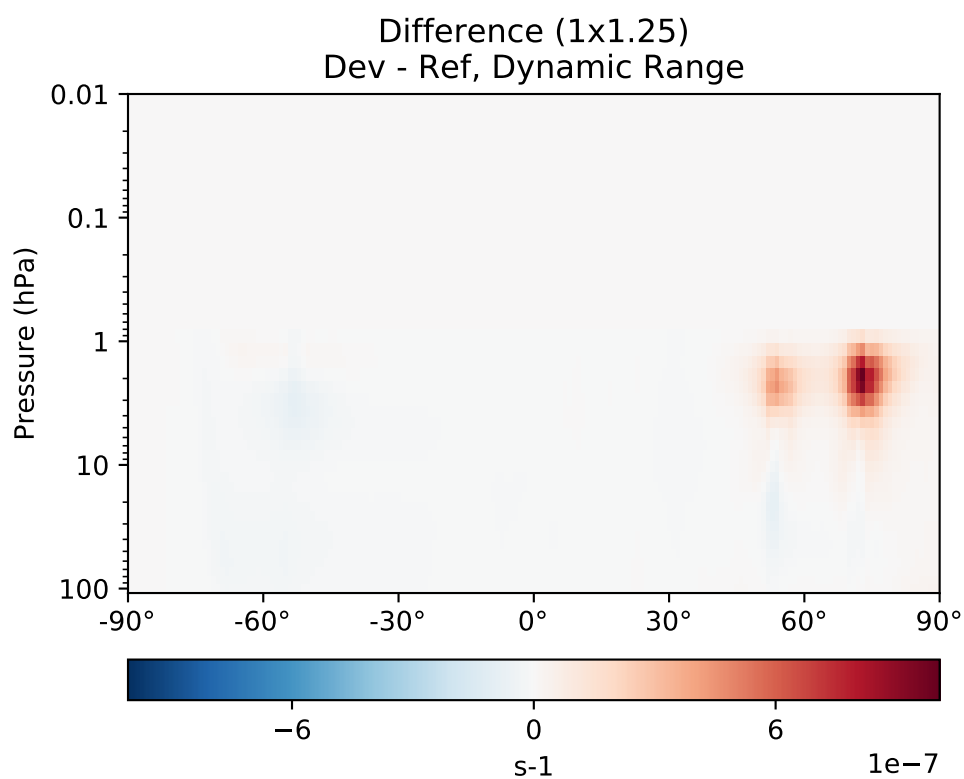
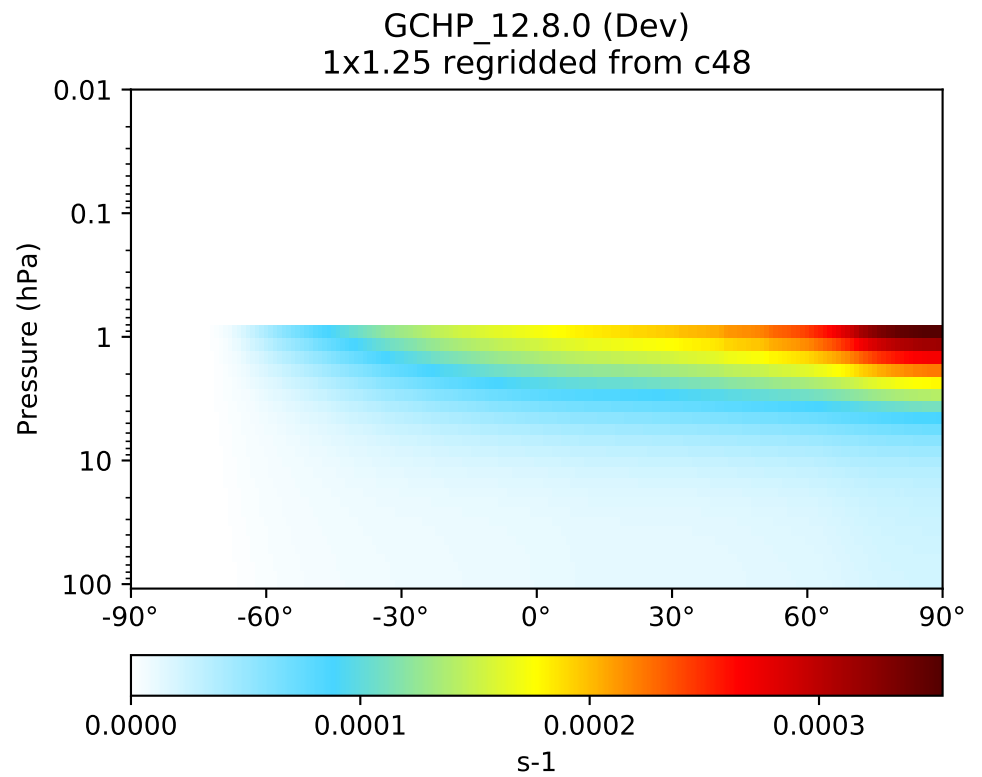
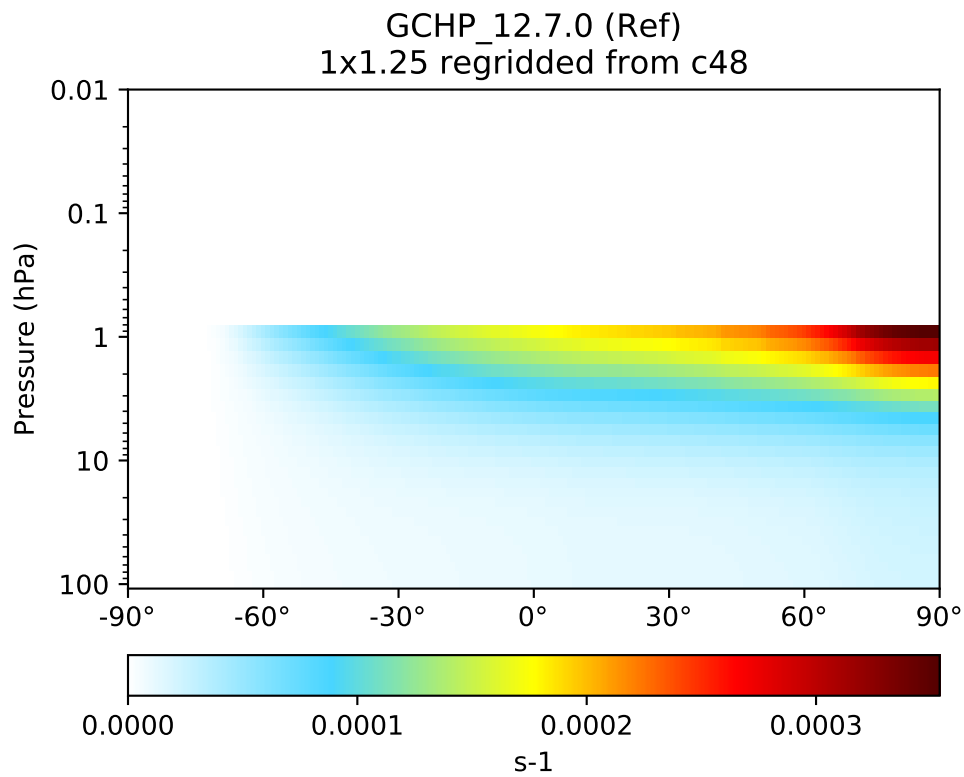
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



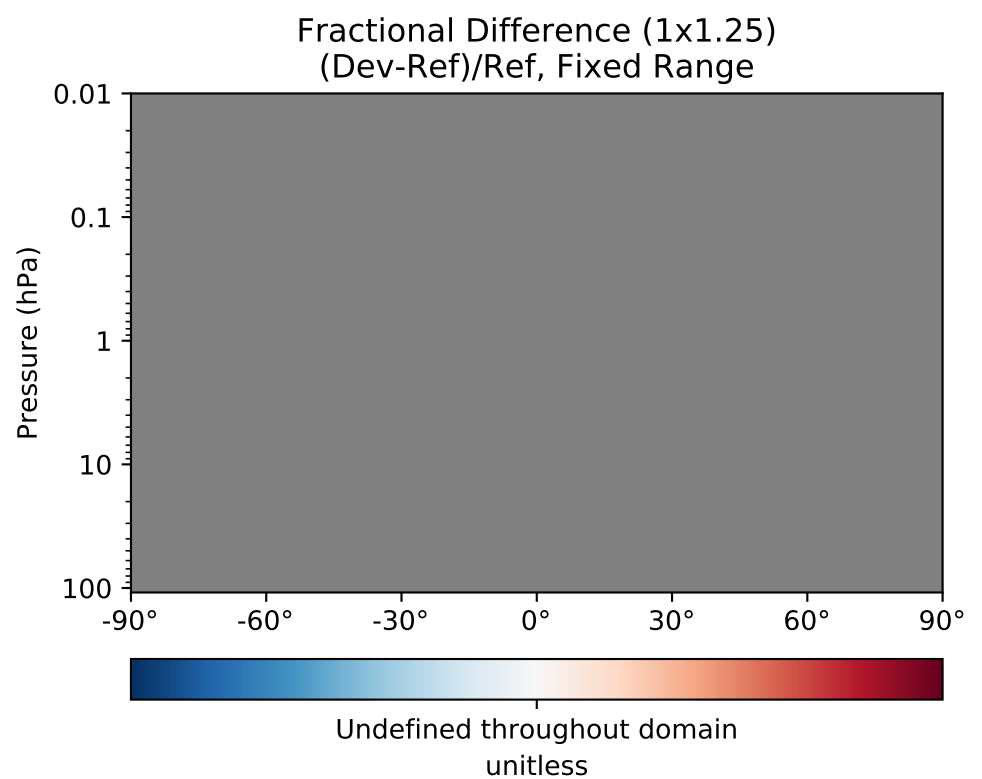
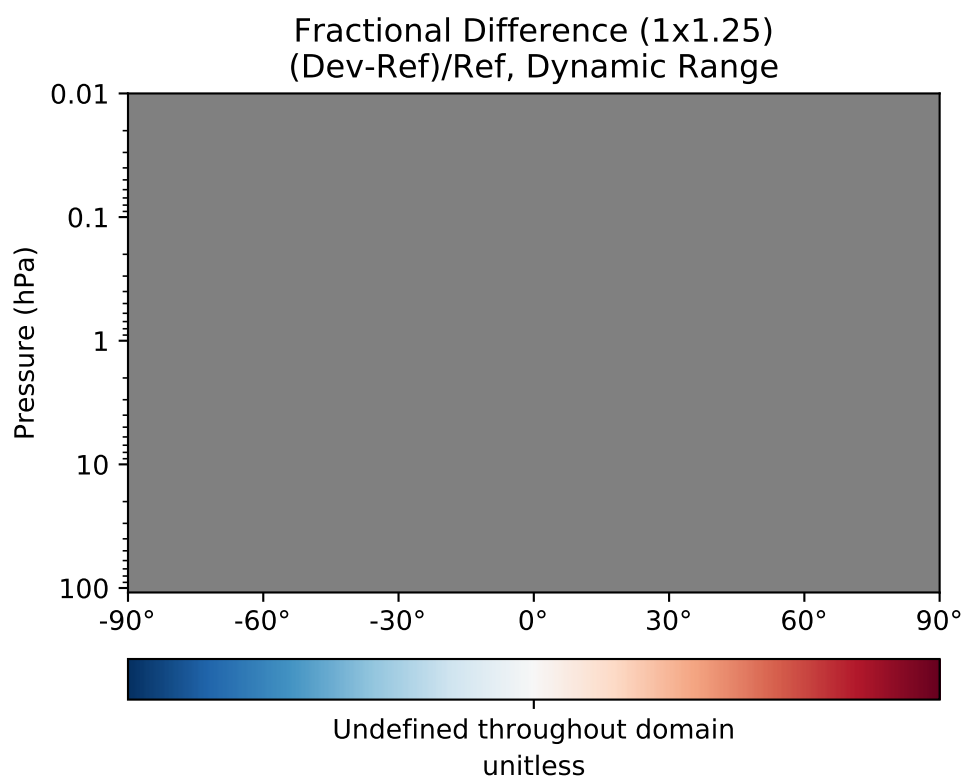
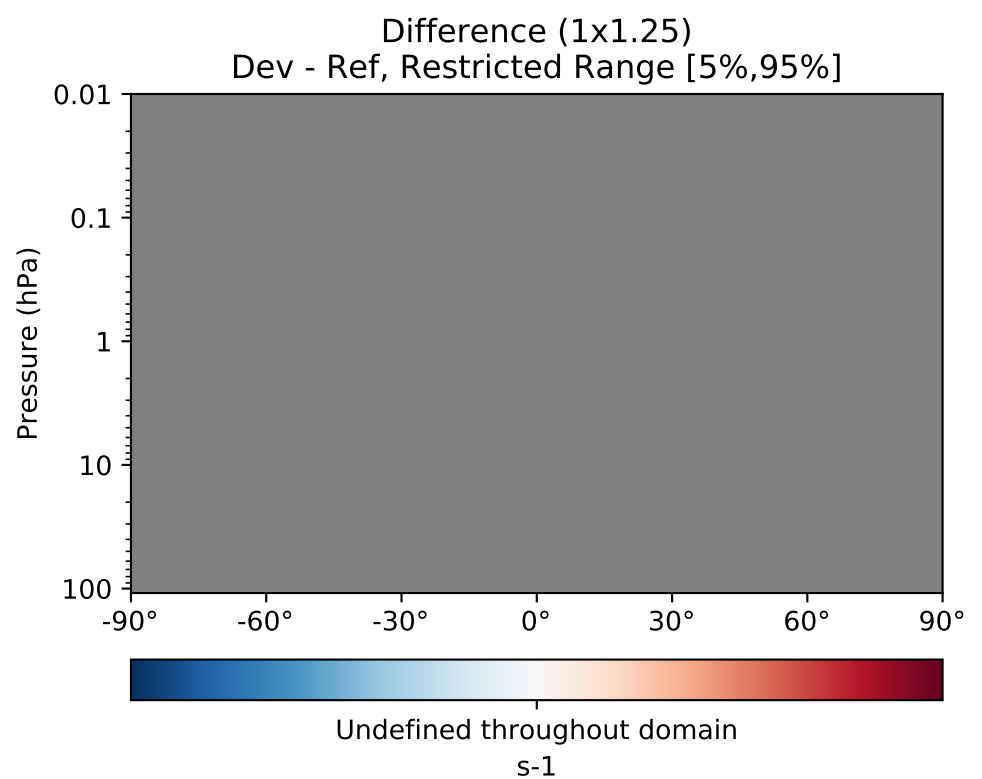
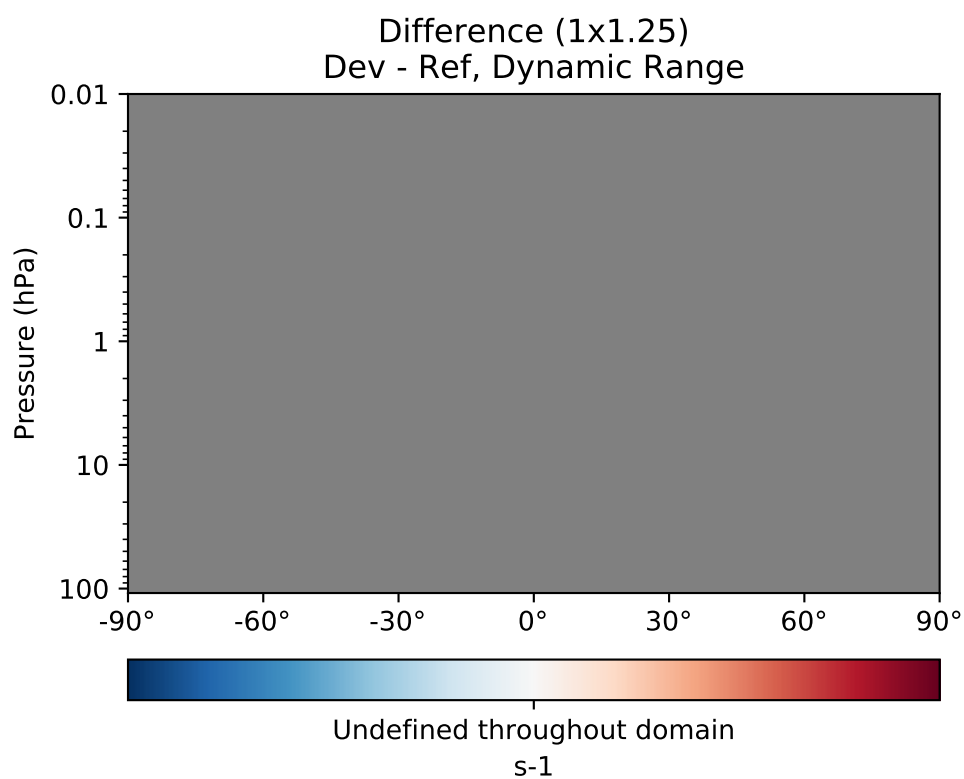
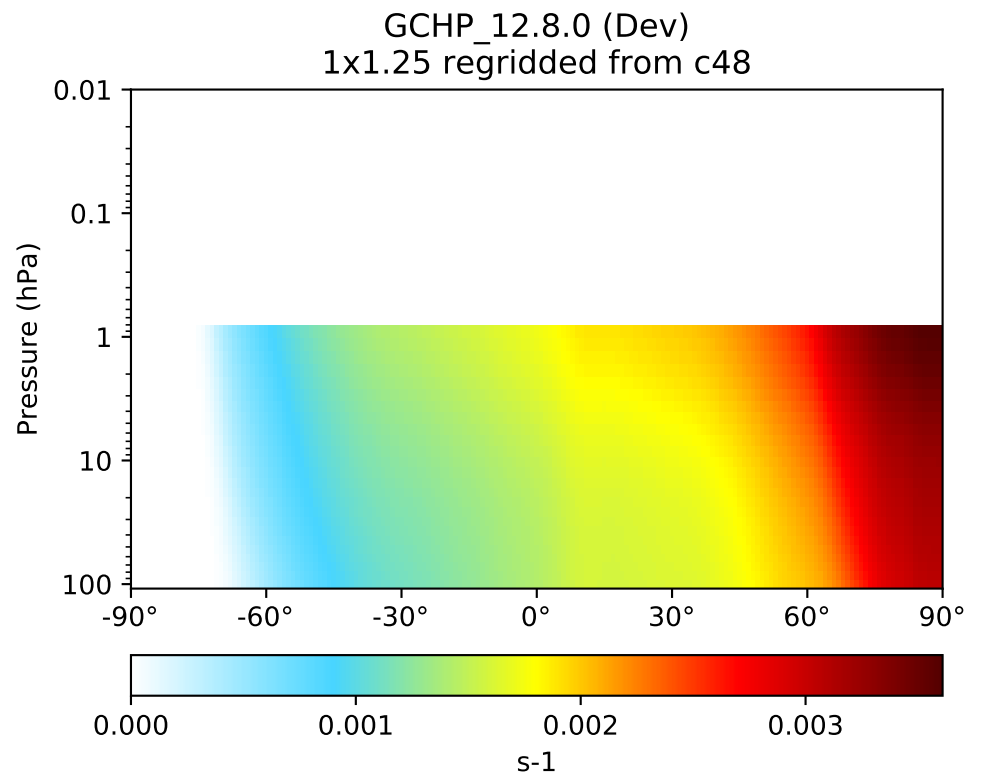
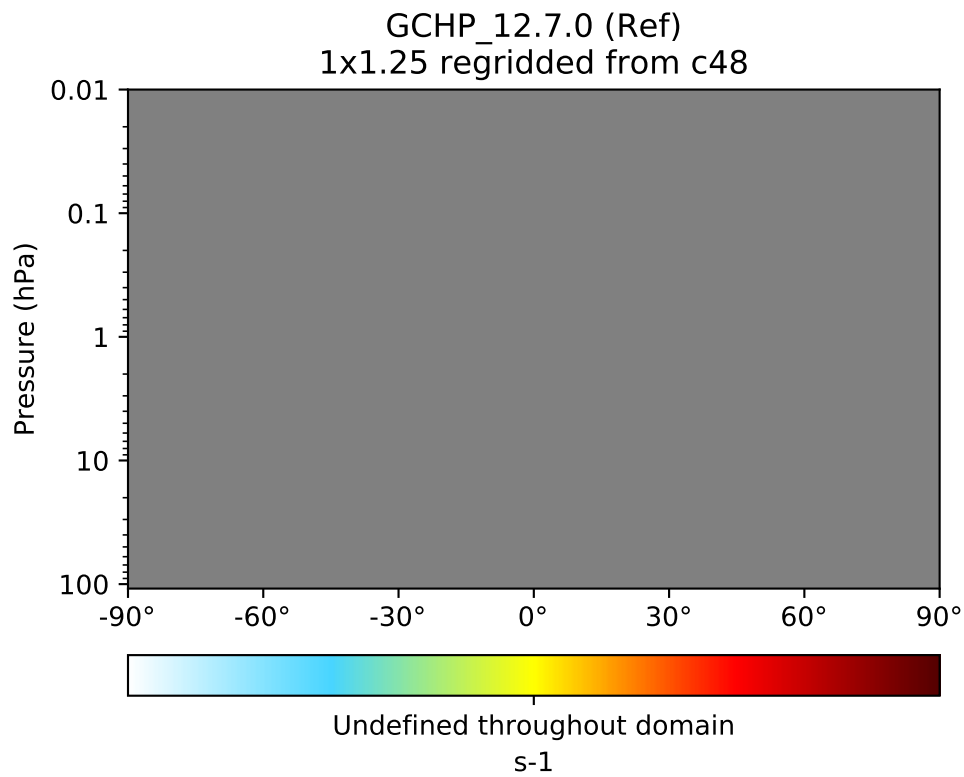
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



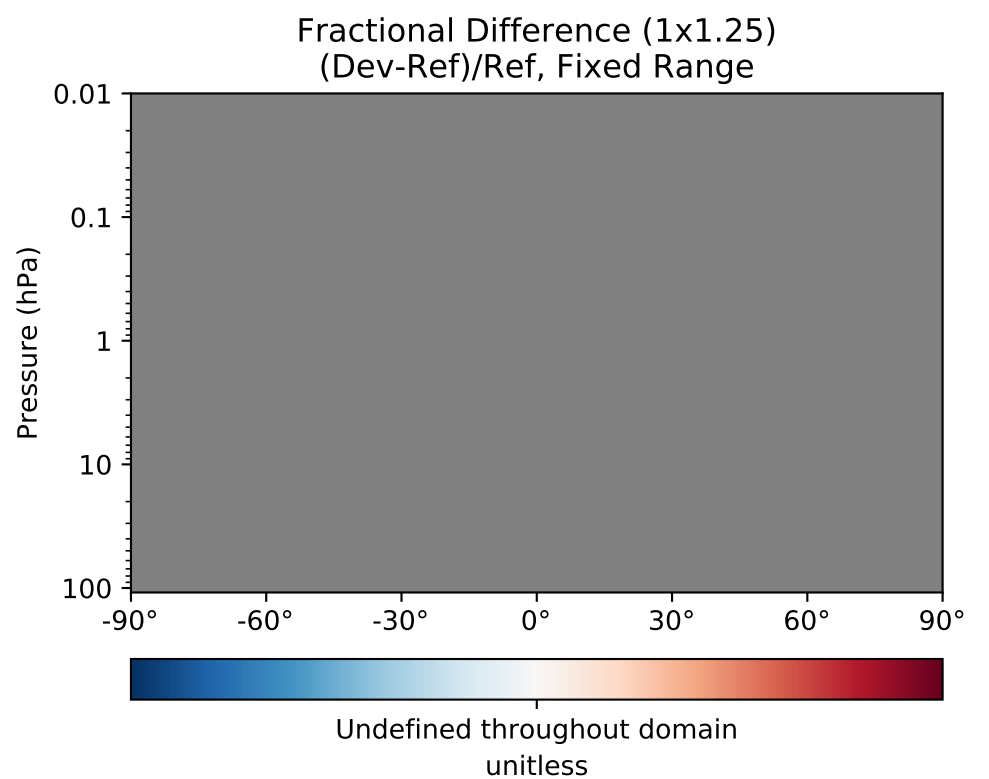
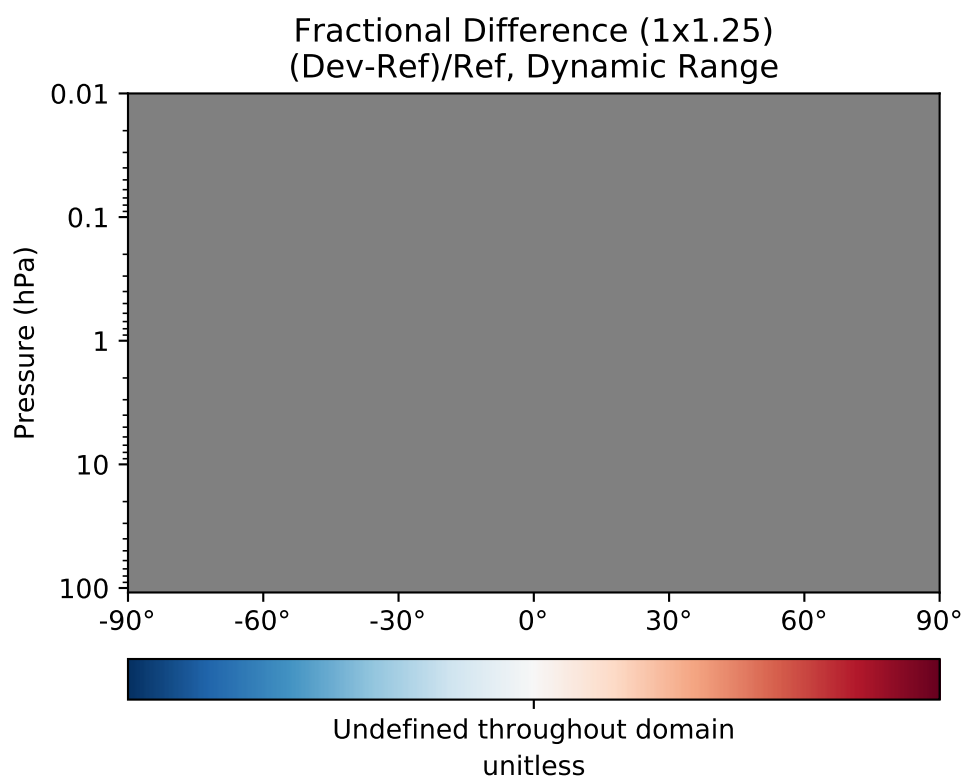
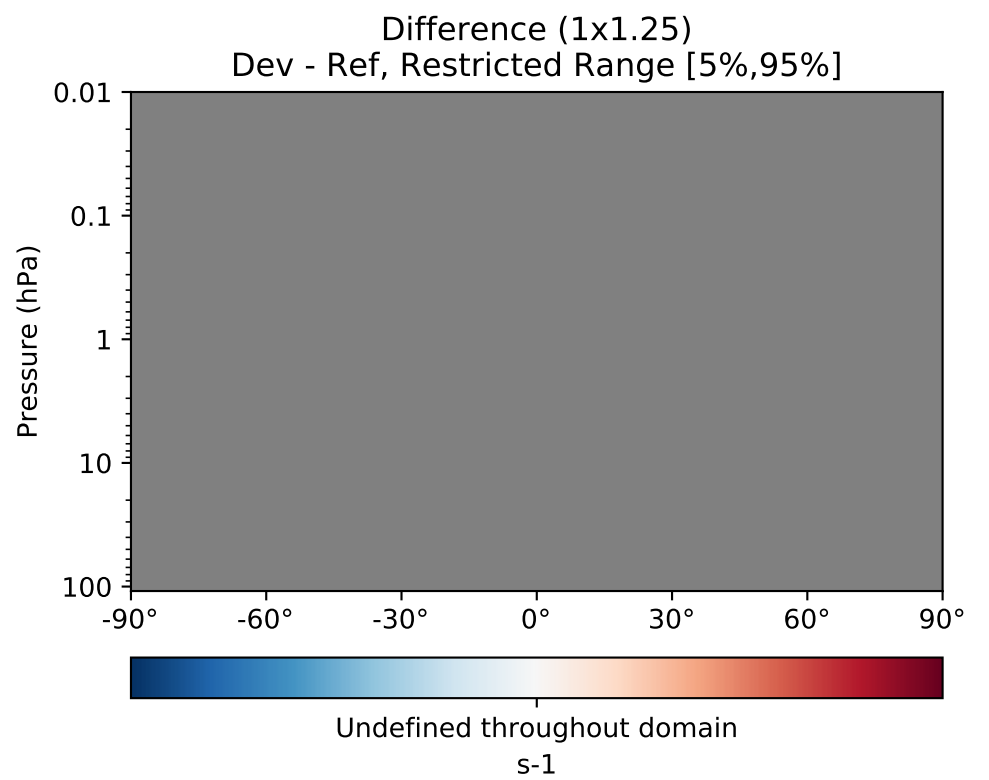
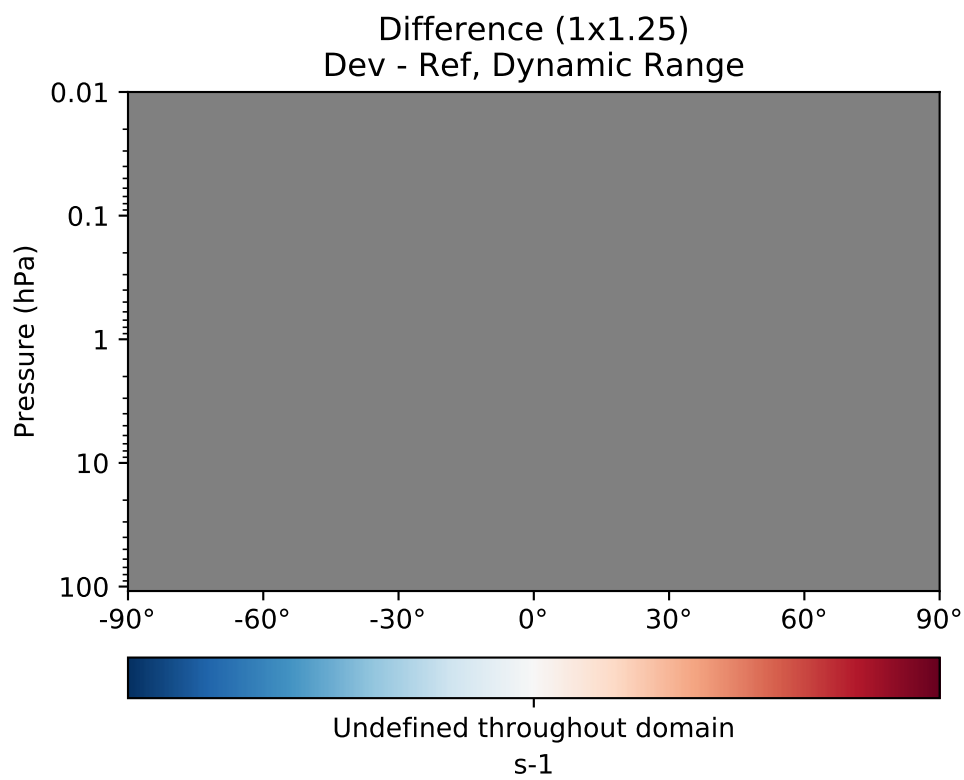
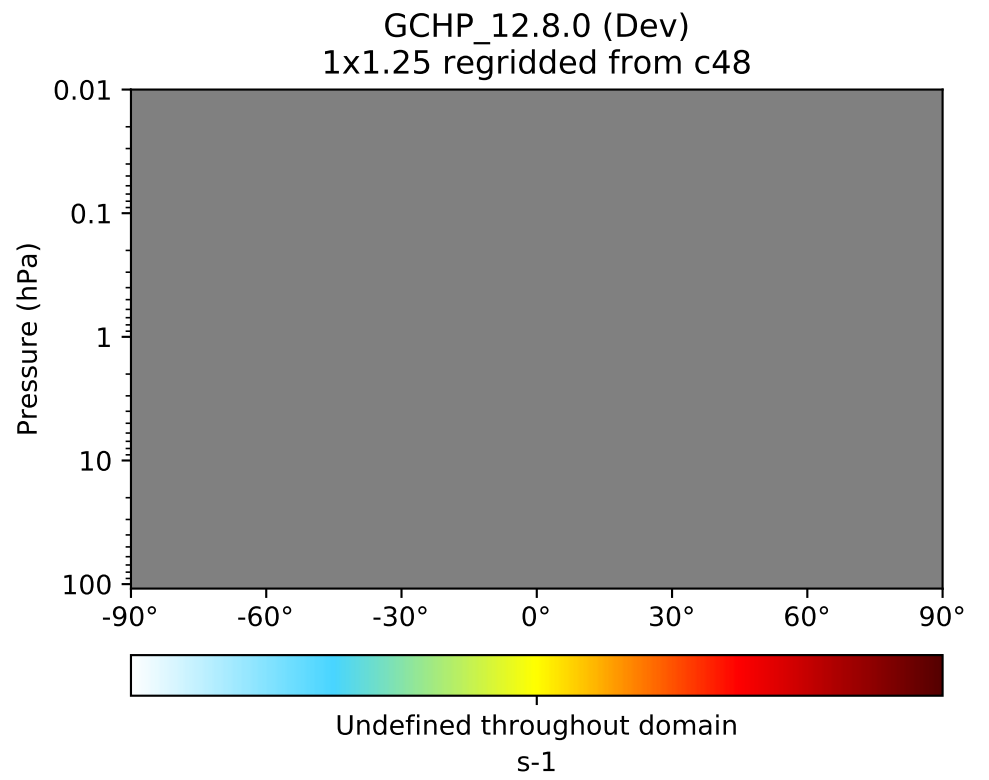
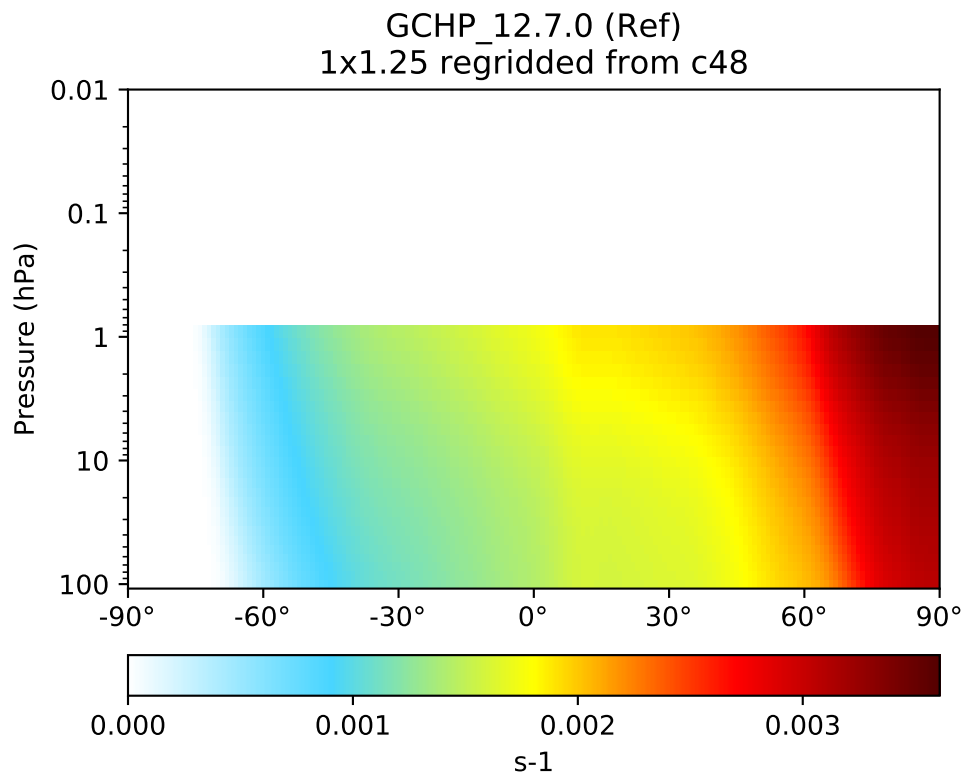
Jval_HNO4, Zonal Mean



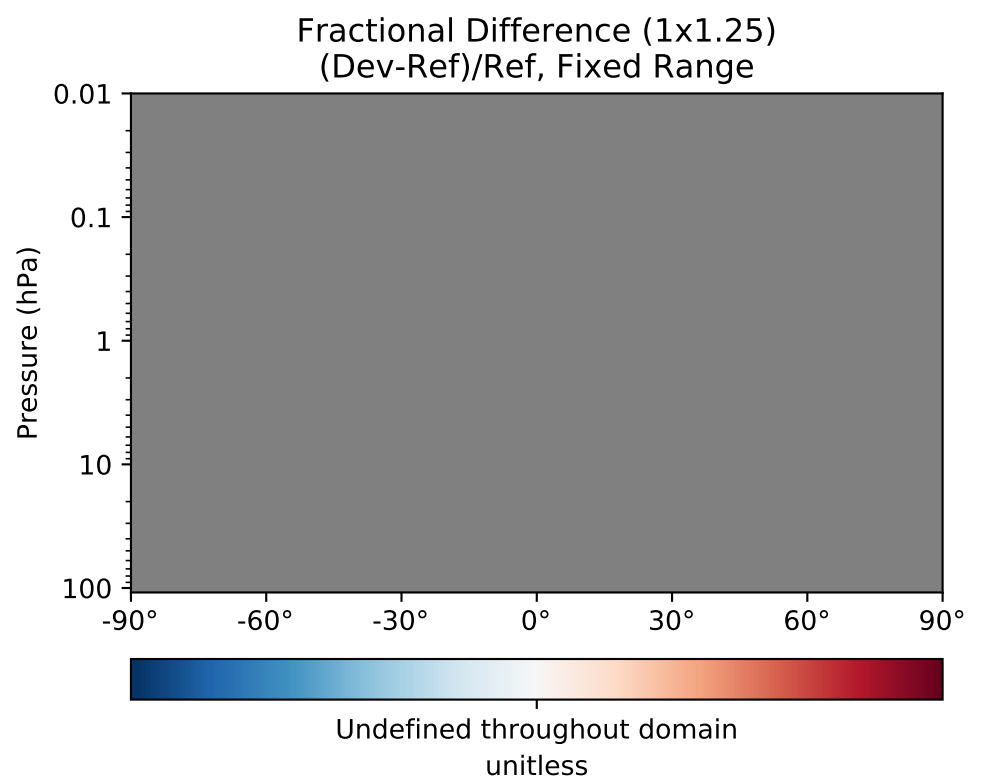
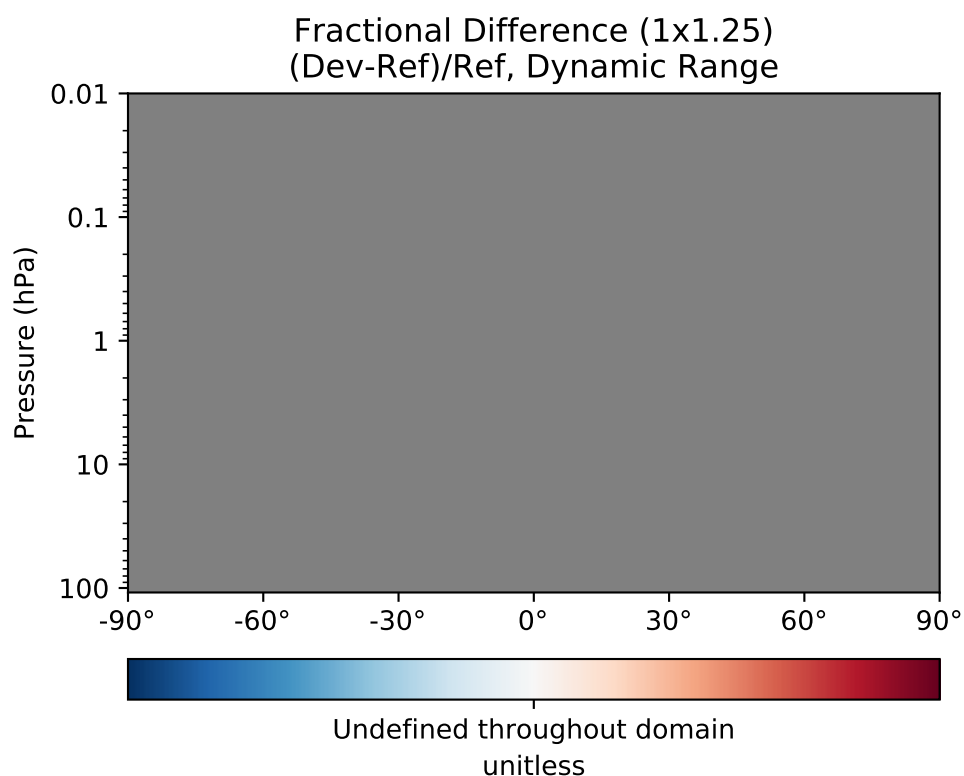
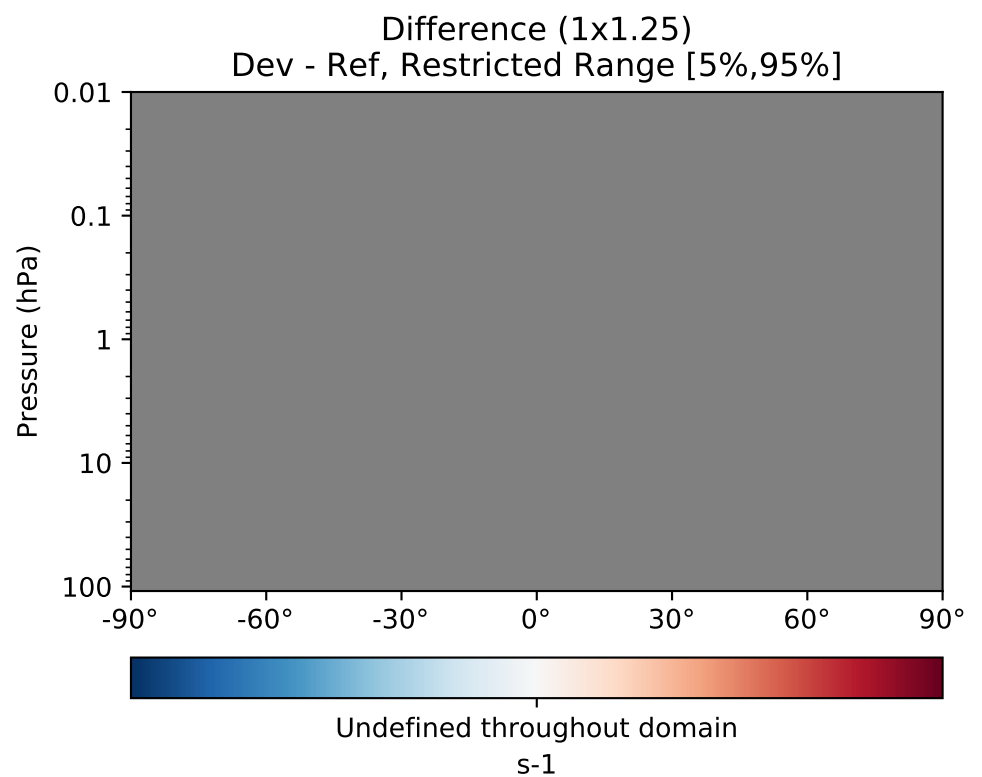
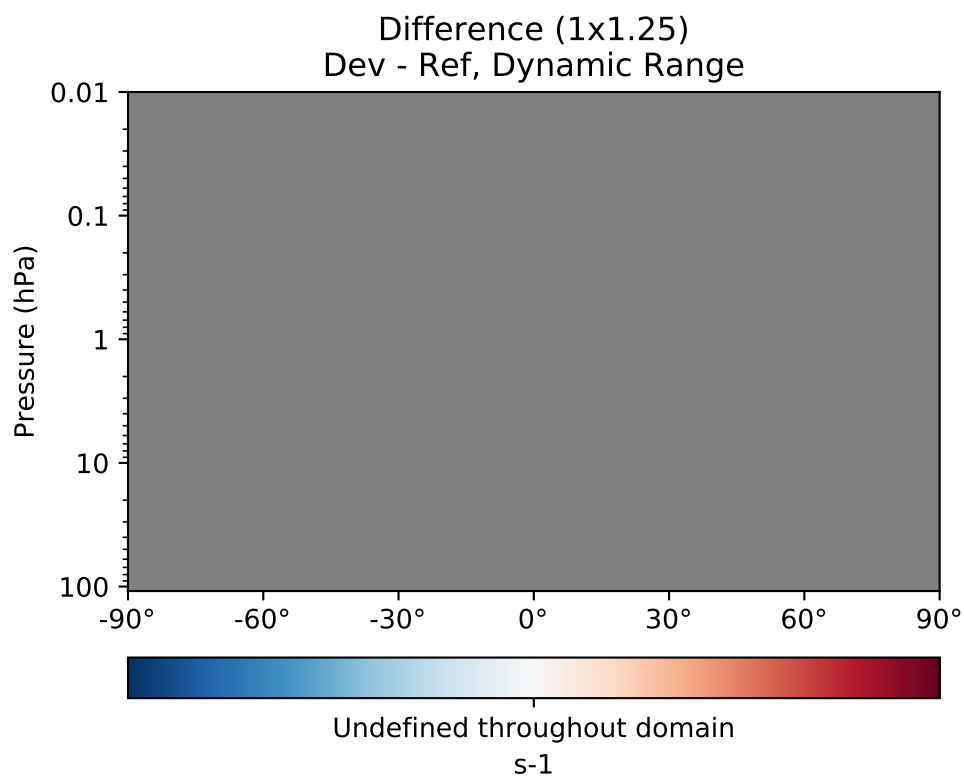
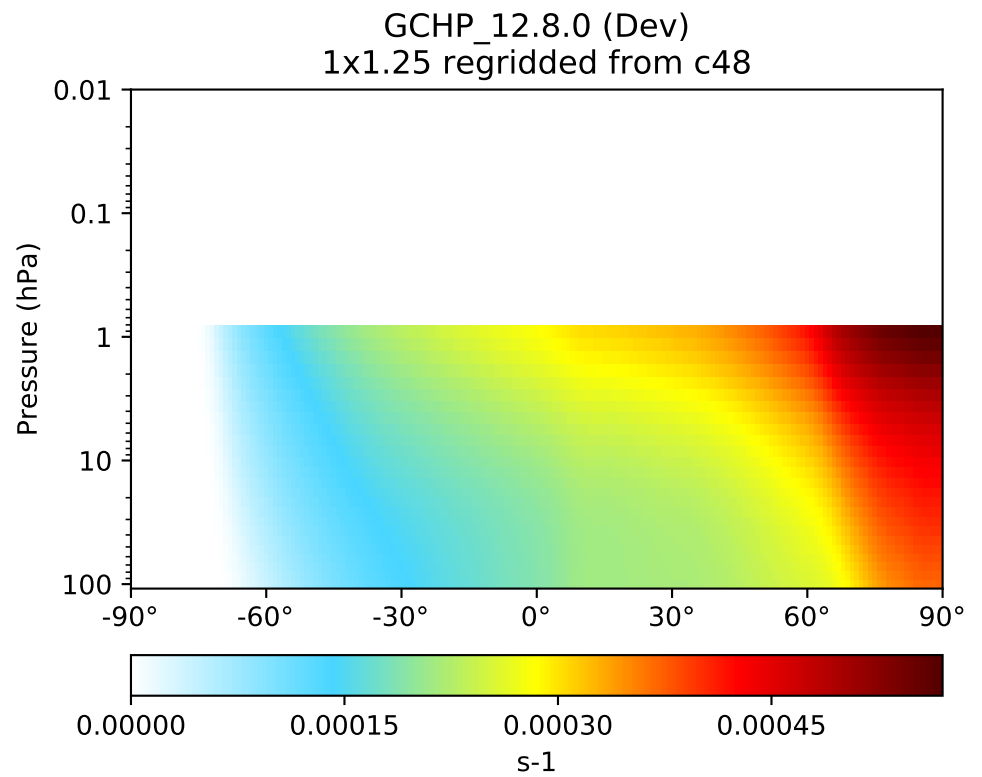
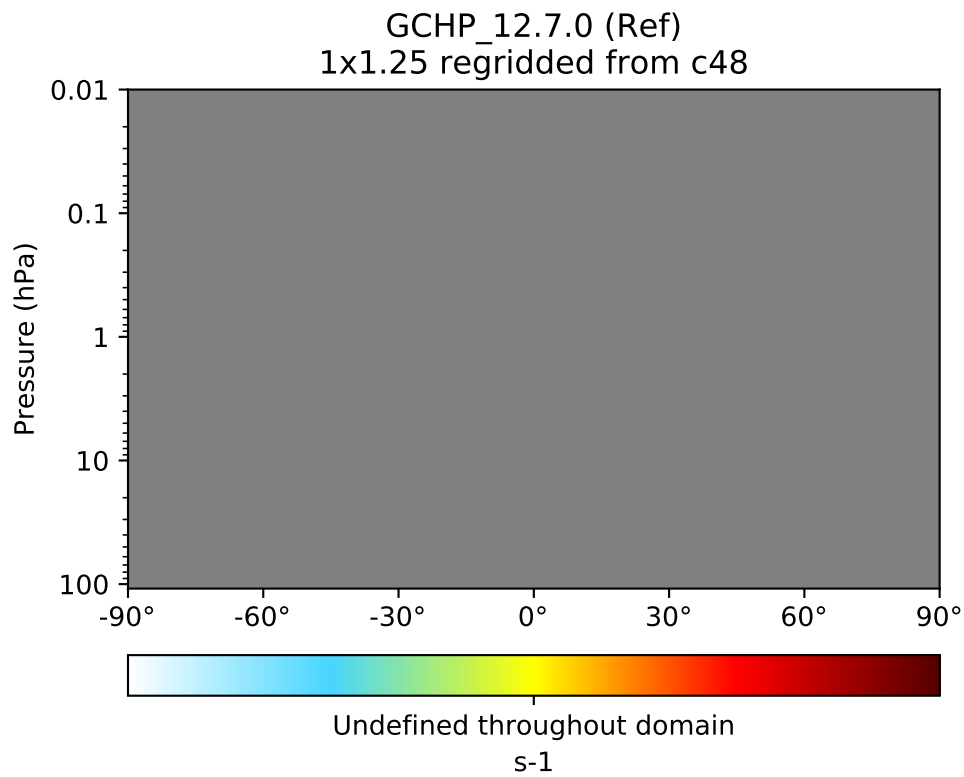
Jval_HOBR, Zonal Mean



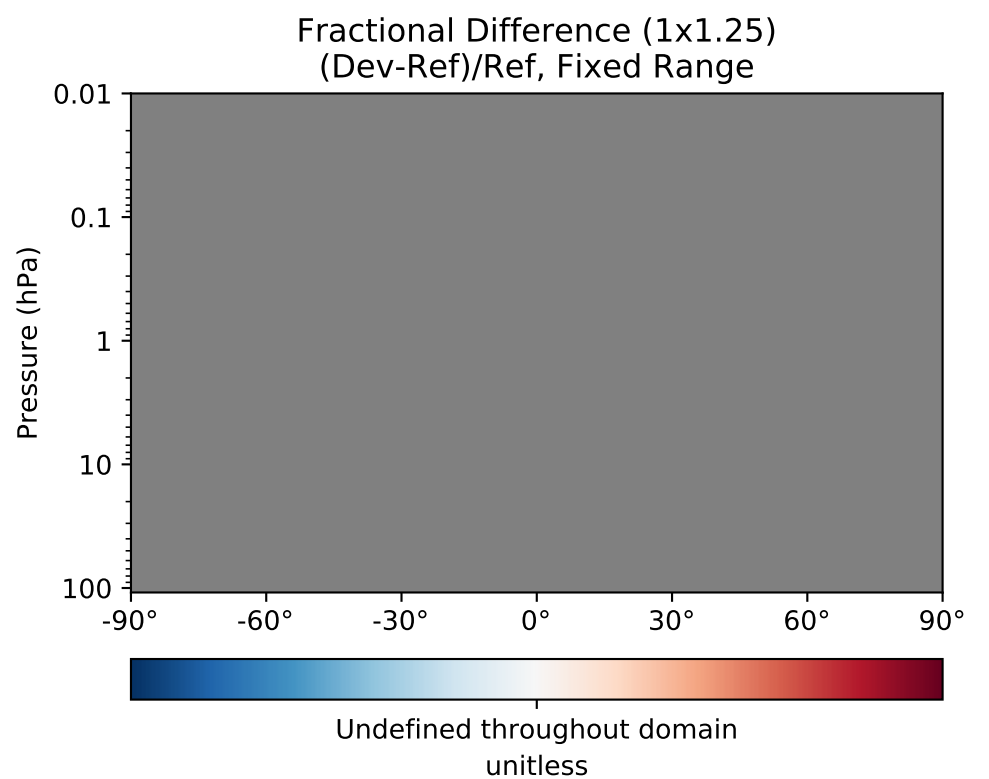
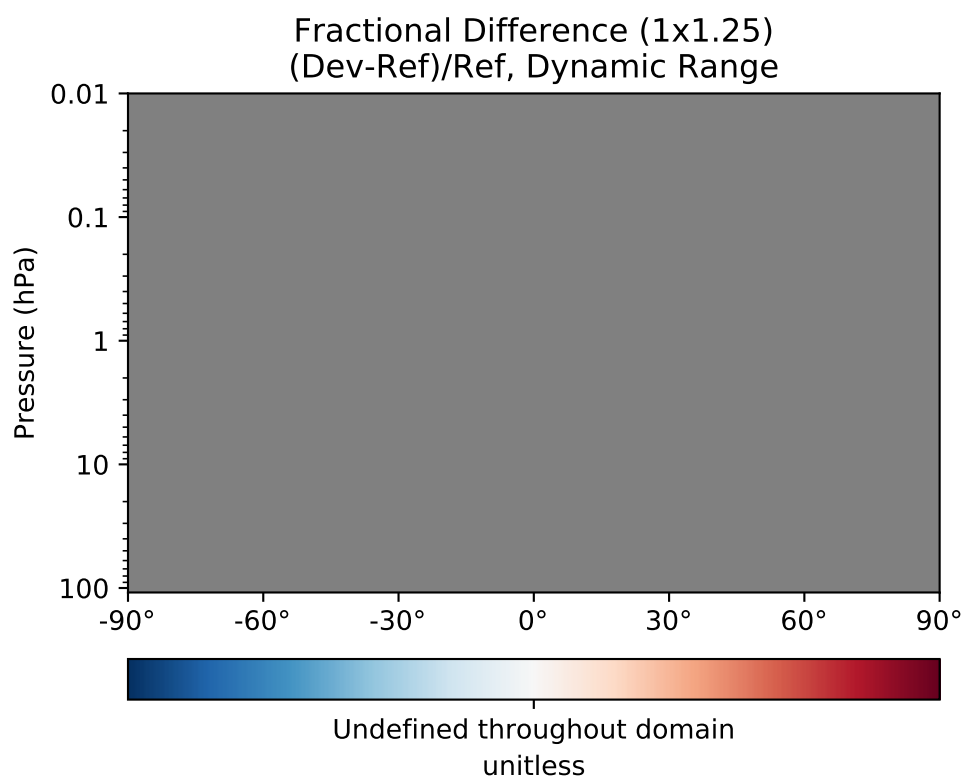
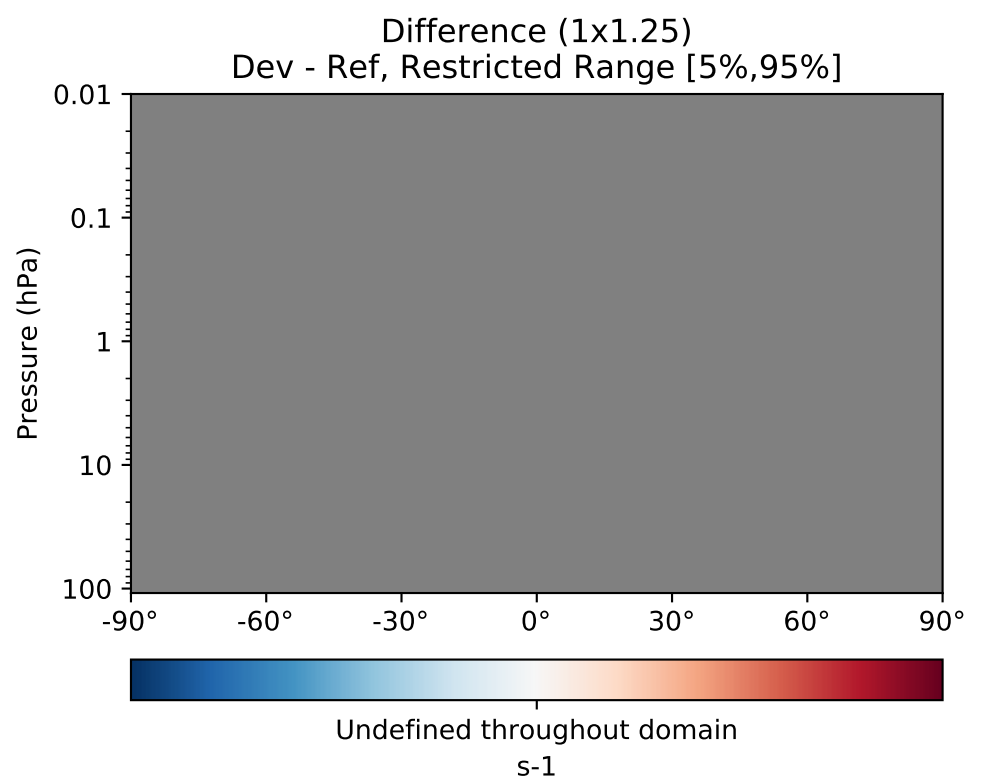
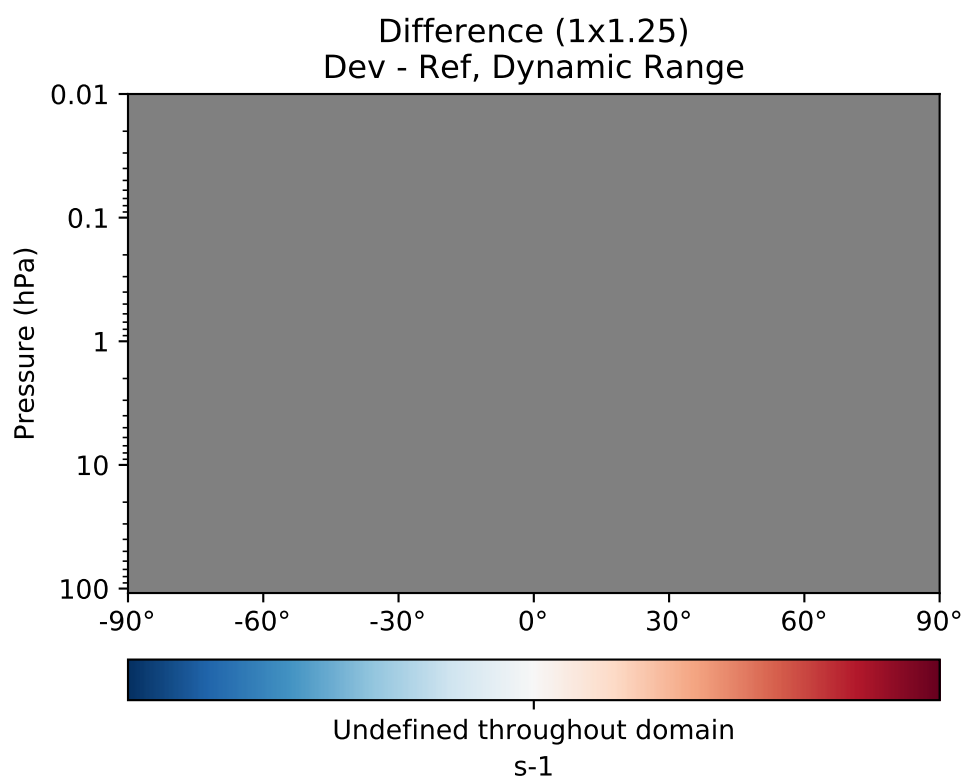
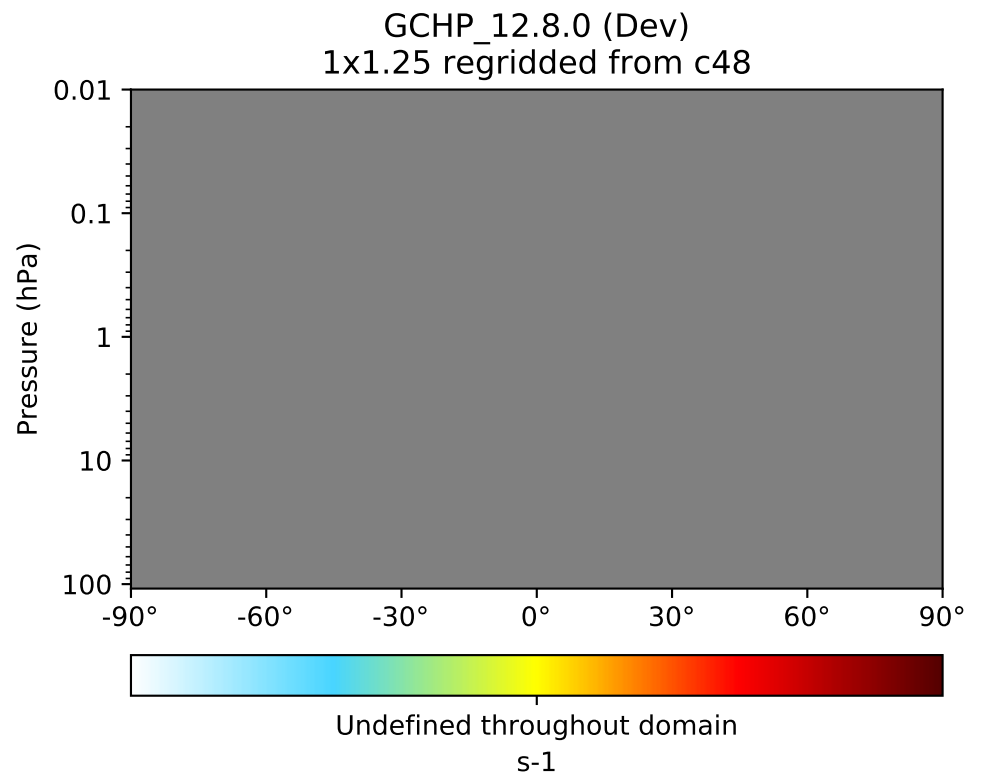
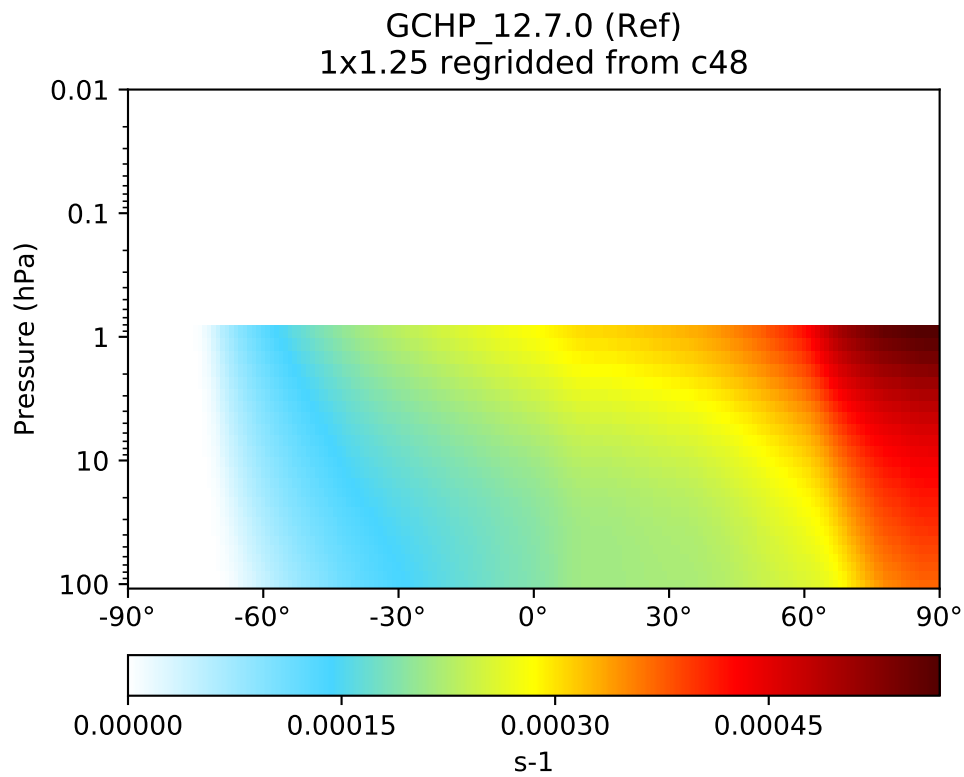
Jval_HOBr, Zonal Mean



Jval_HOCL, Zonal Mean

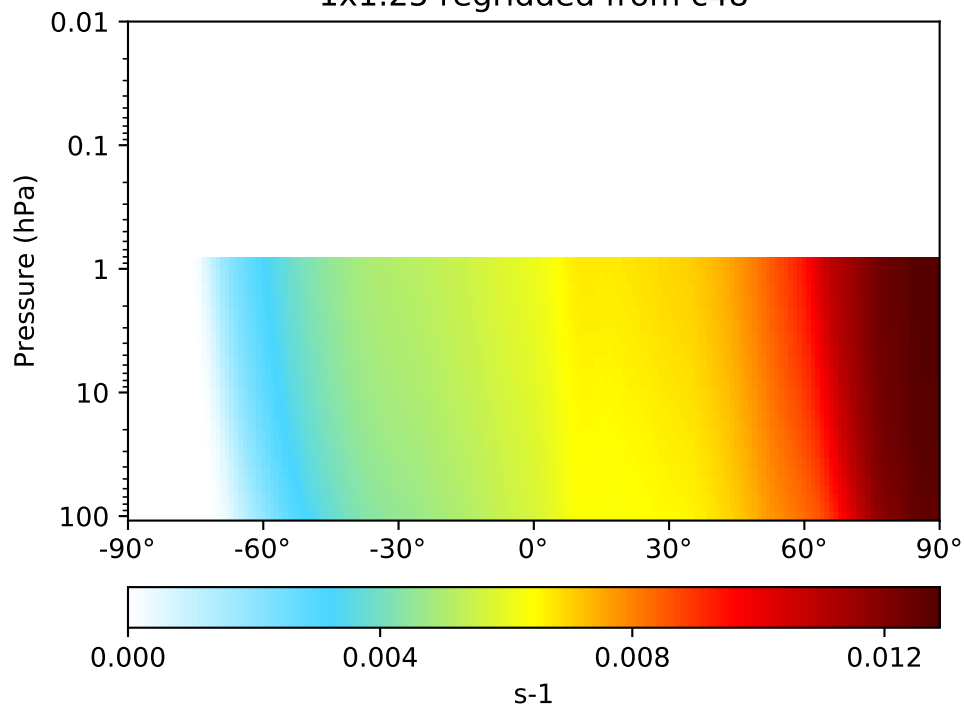


Jval_HOCl, Zonal Mean

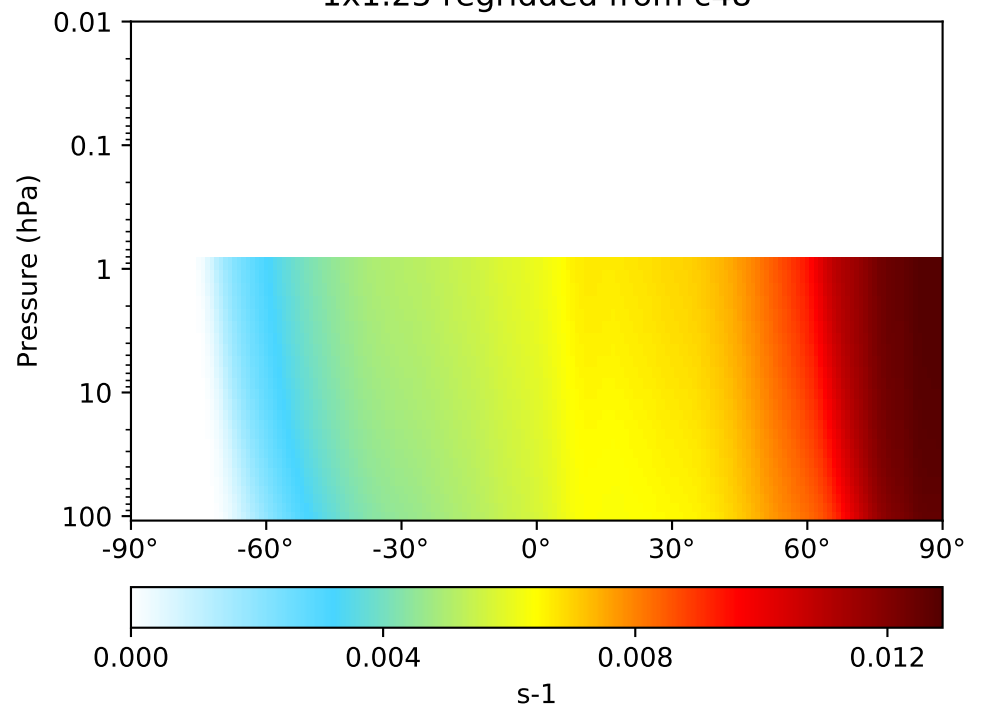


Jval_HOI, Zonal Mean

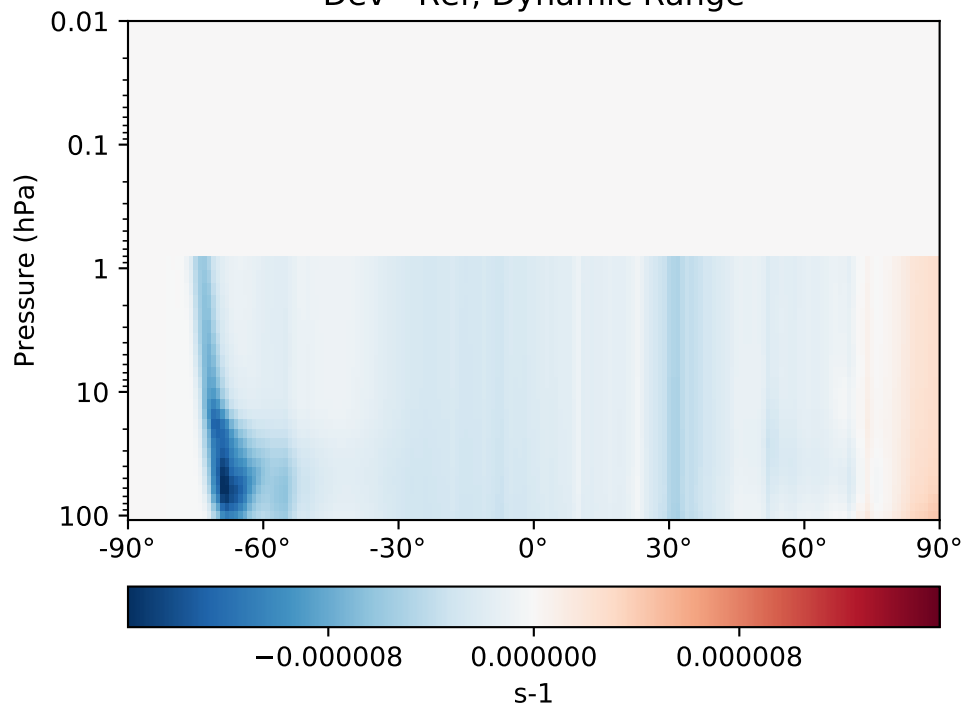
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



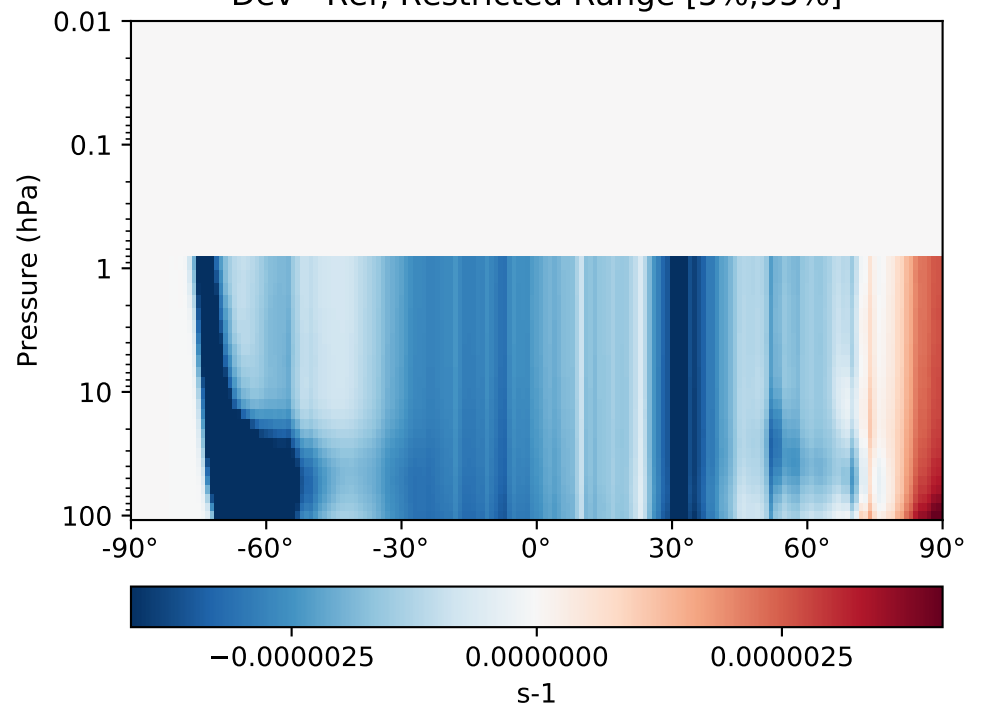
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



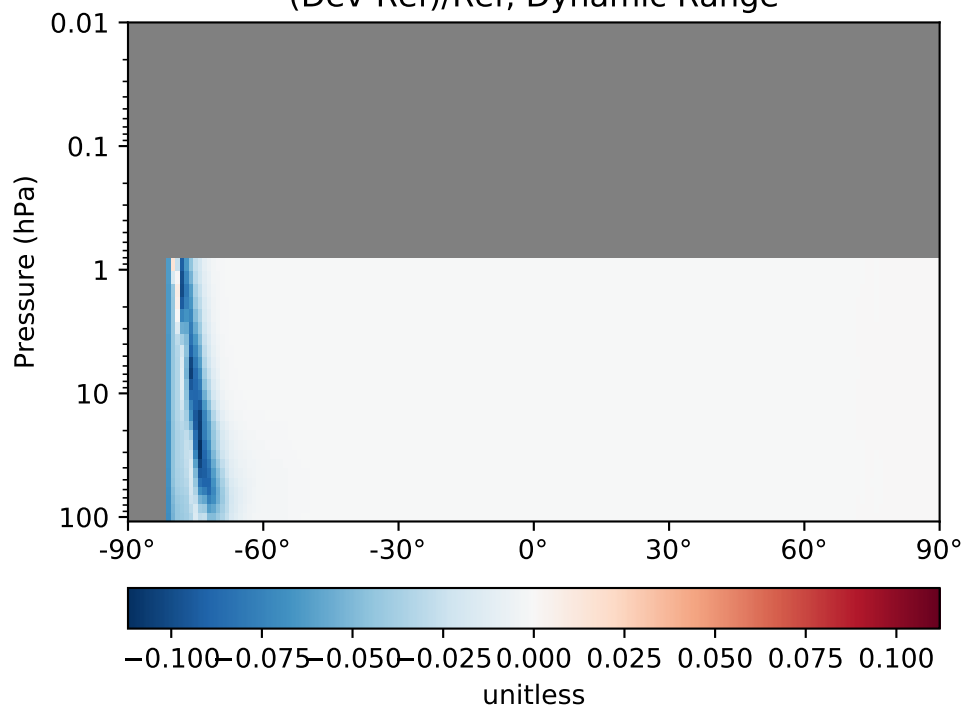
Difference (1x1.25)
Dev - Ref, Dynamic Range



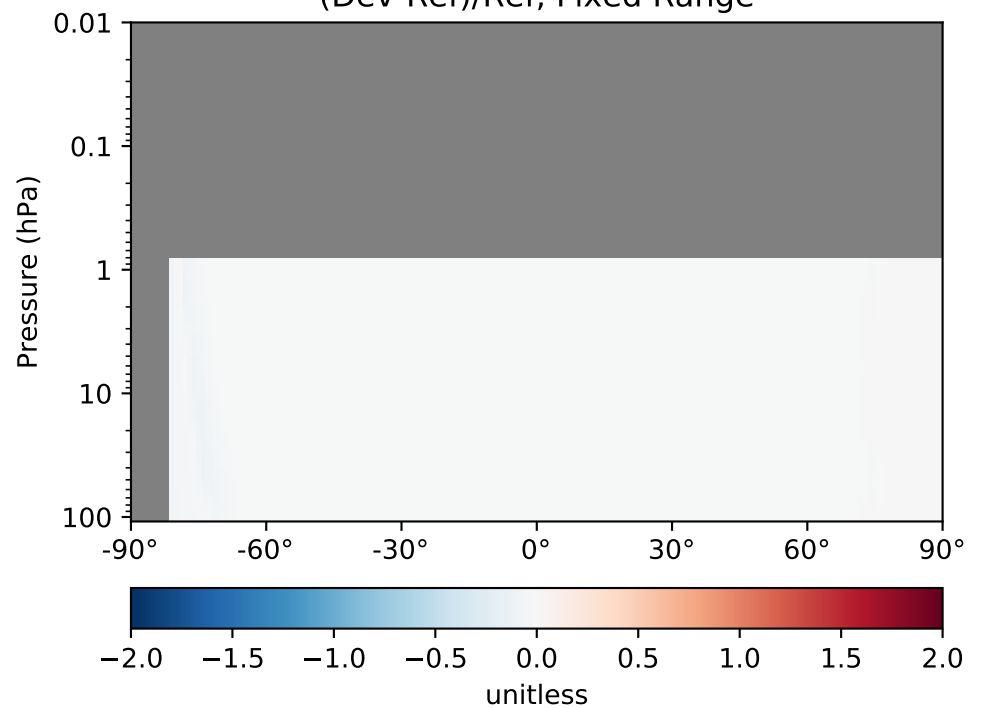
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

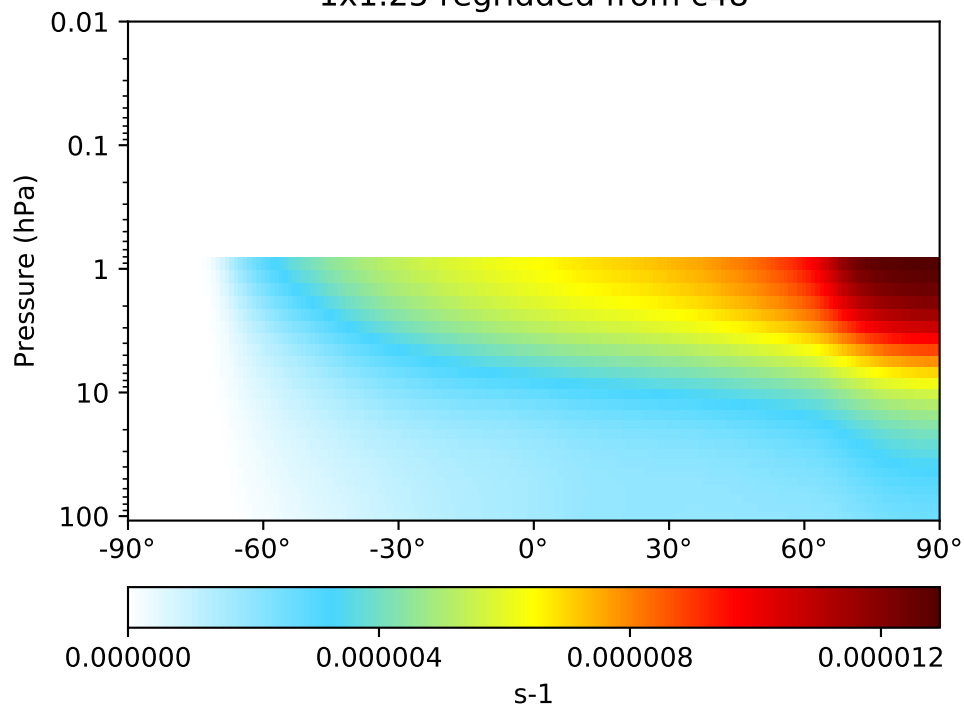


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

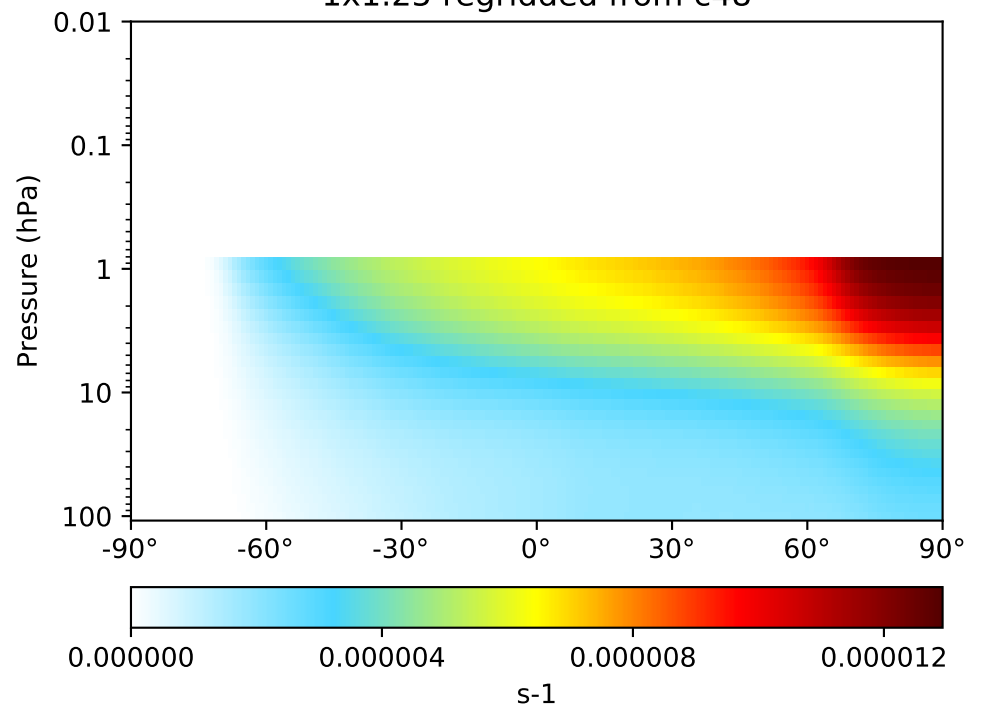


Jval_HONIT, Zonal Mean

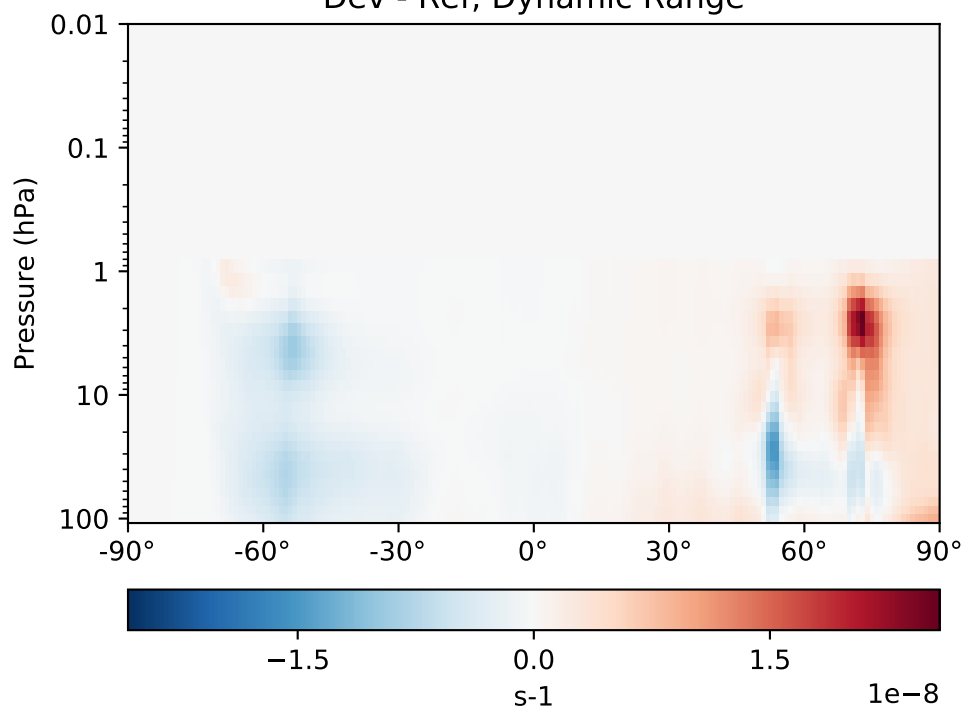
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



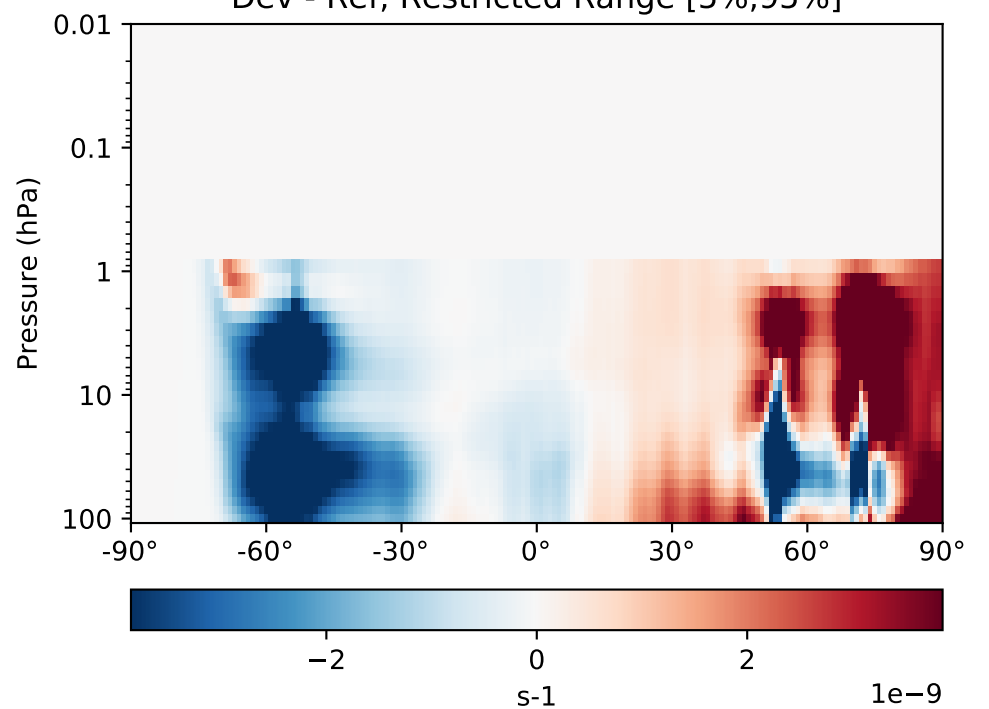
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



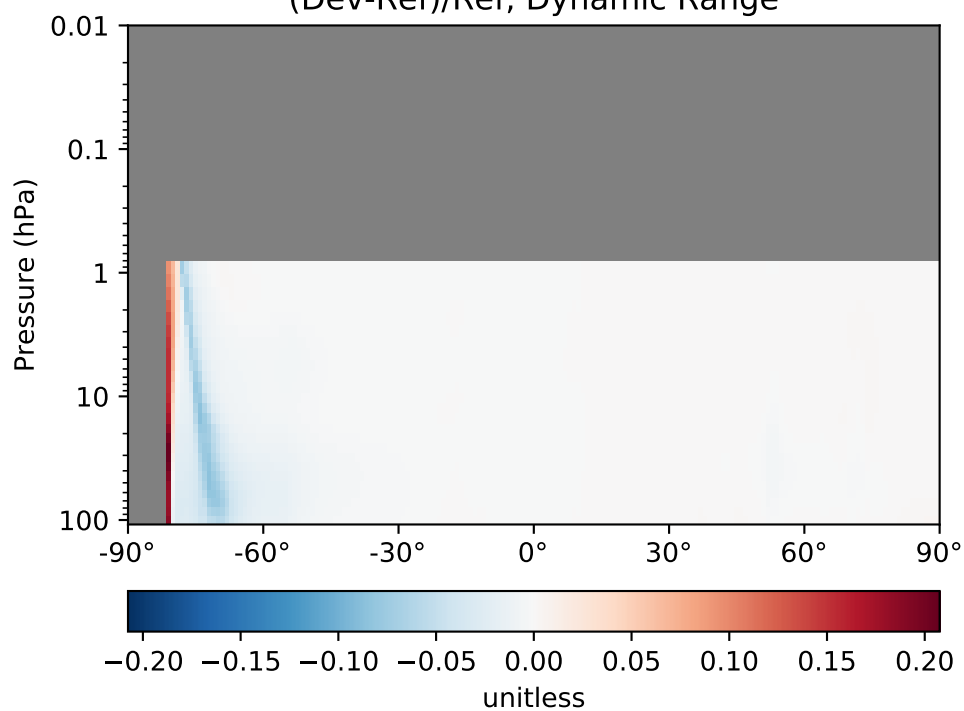
Difference (1x1.25)
Dev - Ref, Dynamic Range



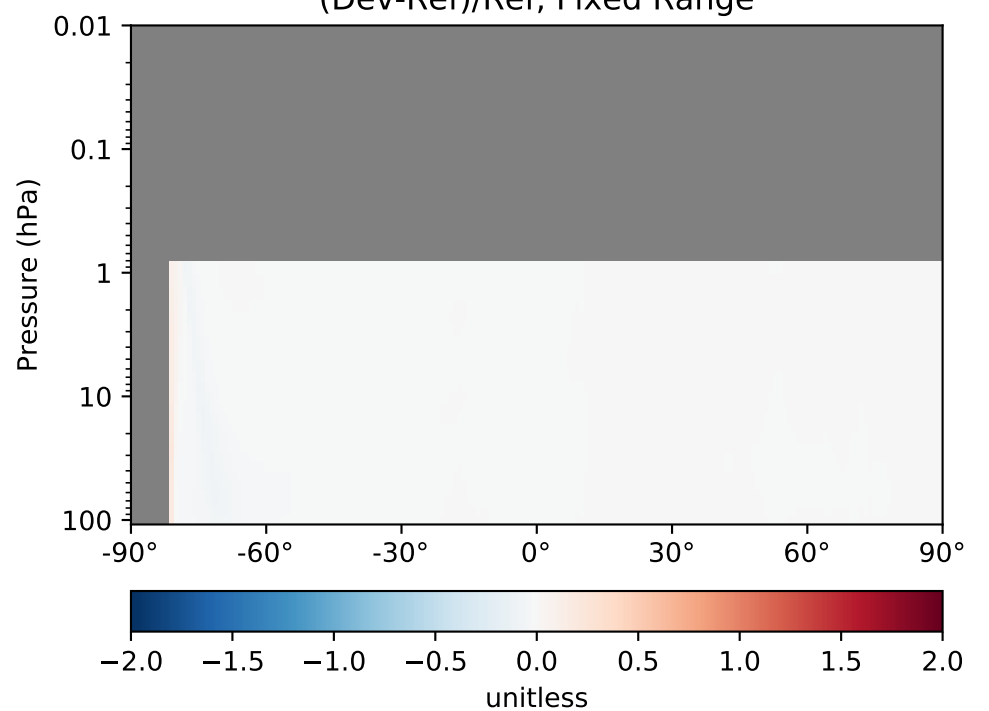
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



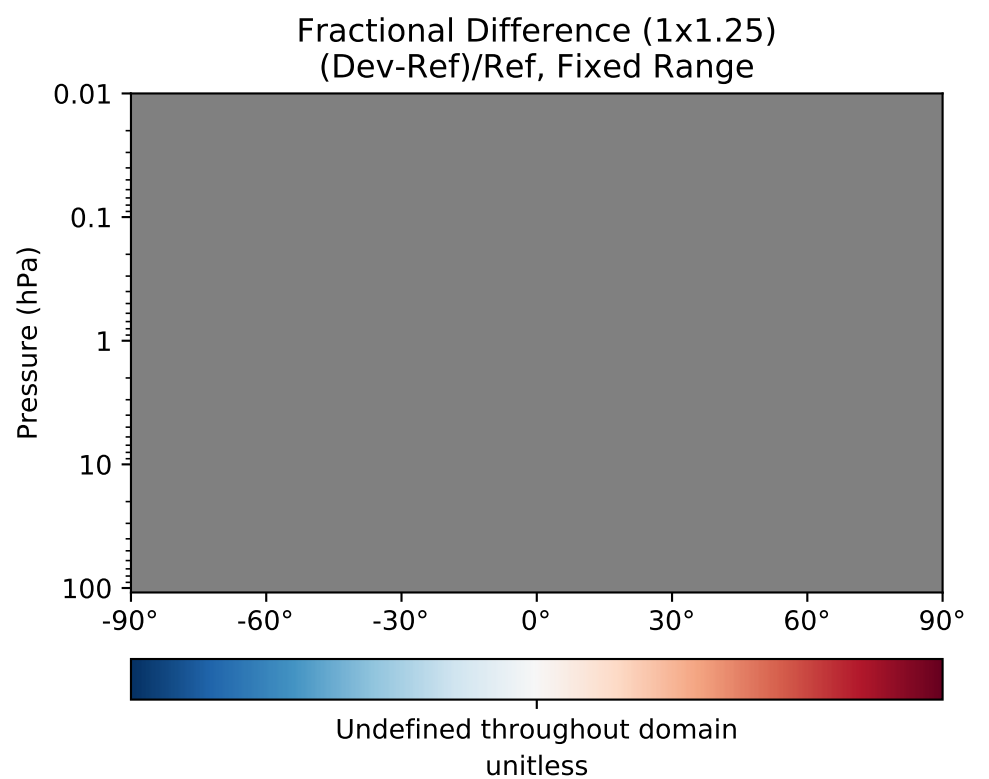
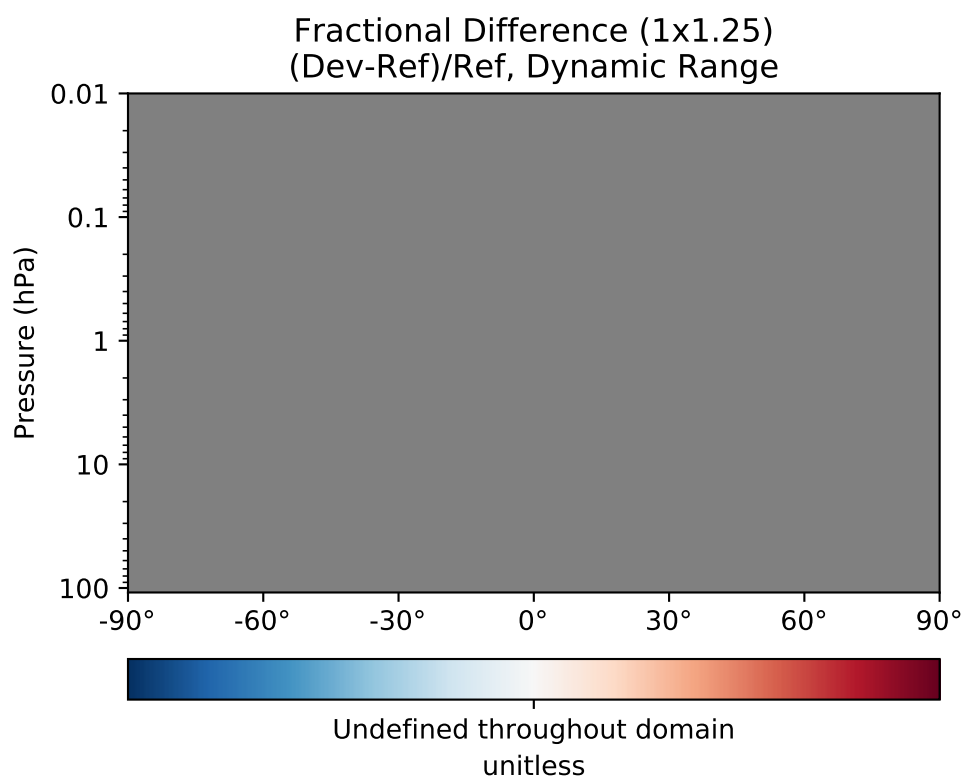
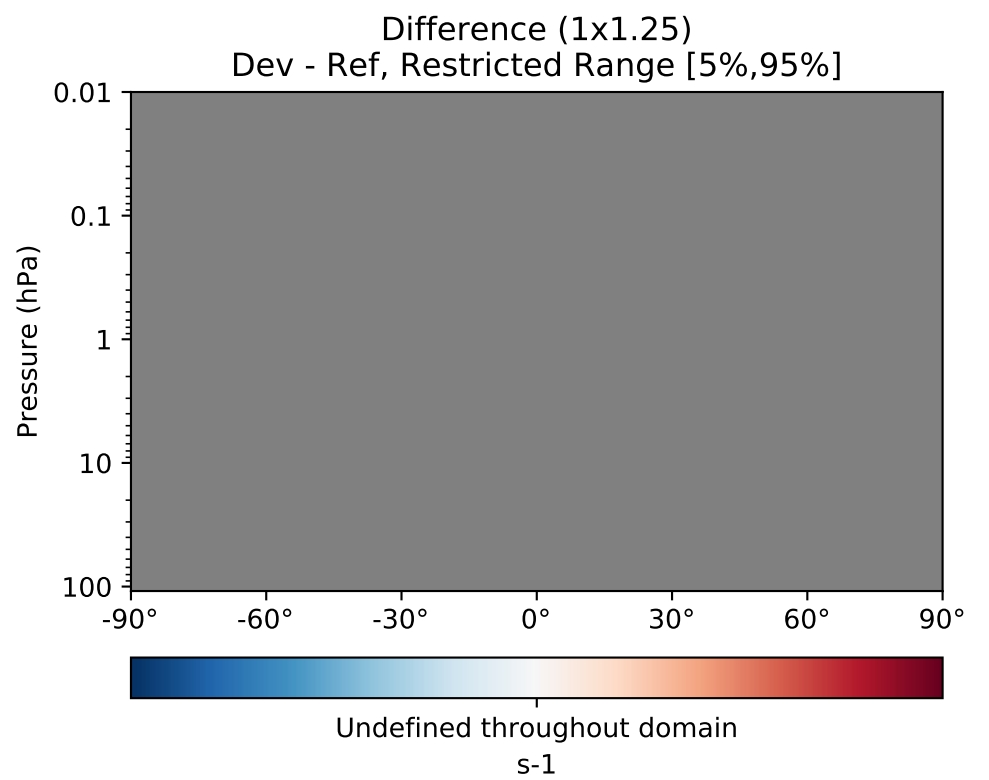
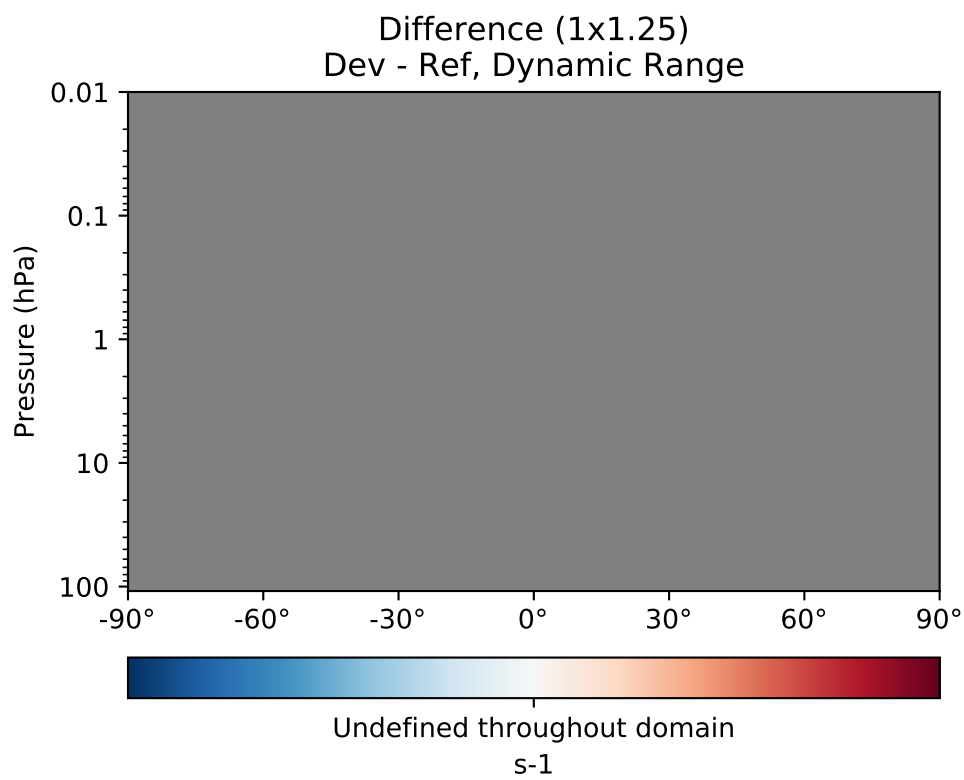
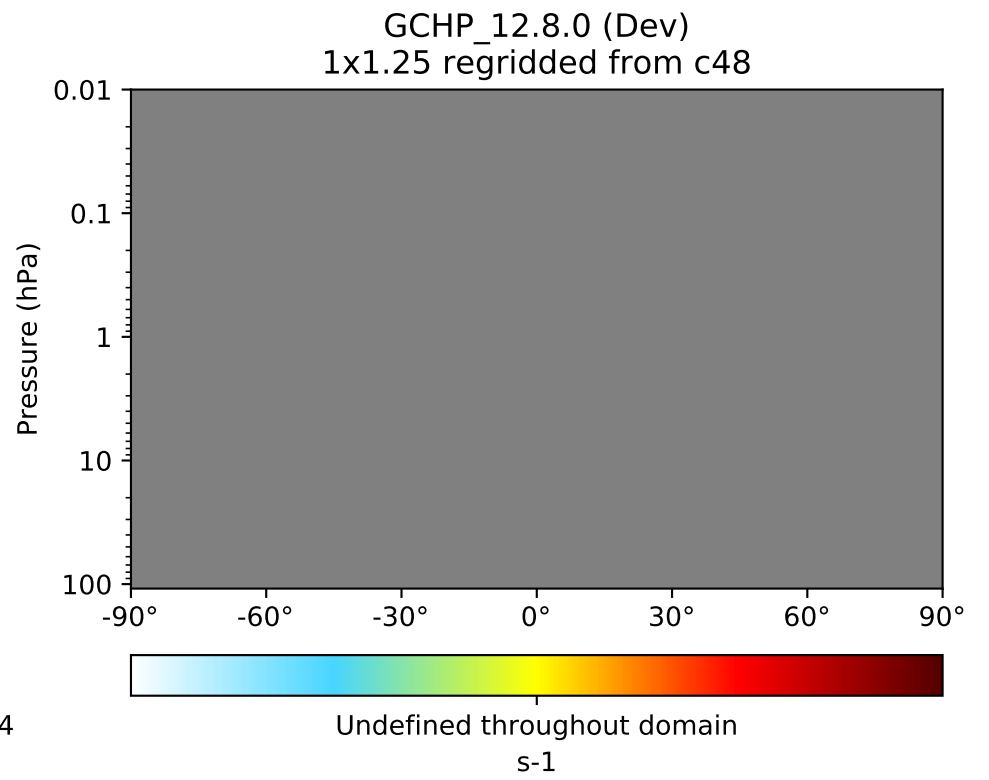
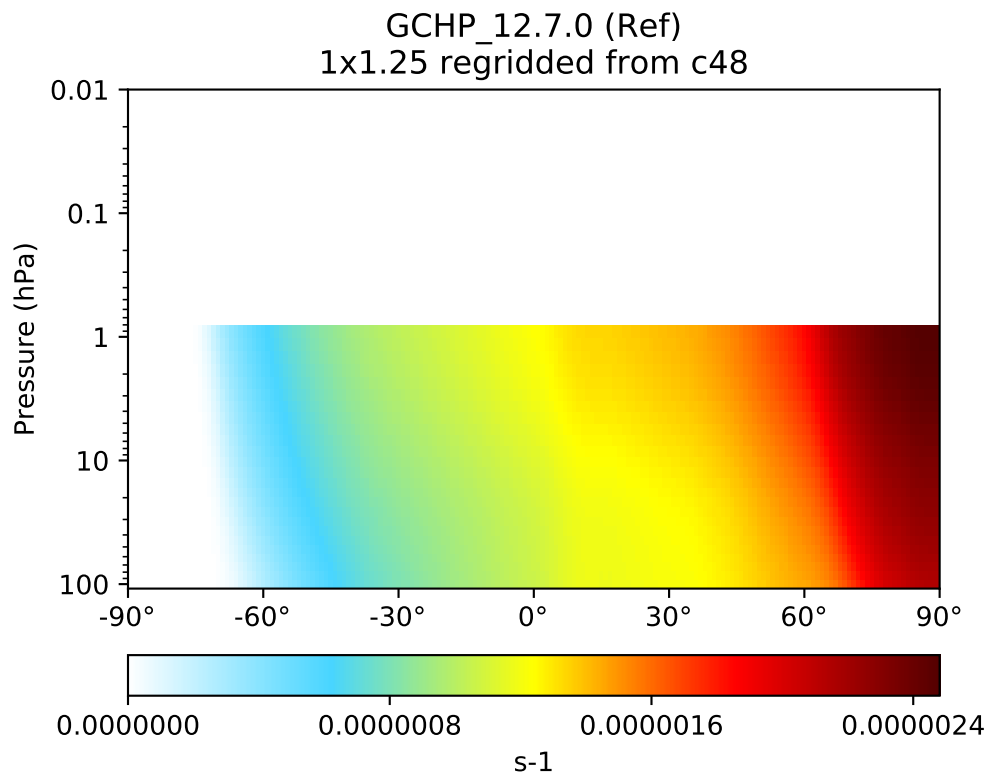
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



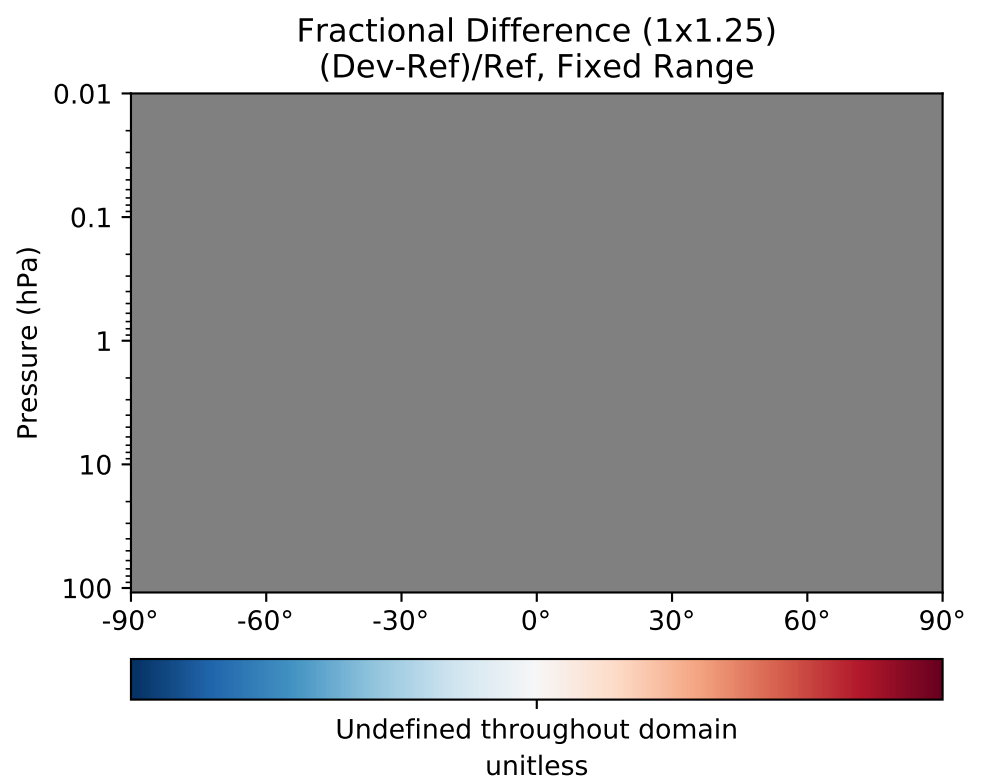
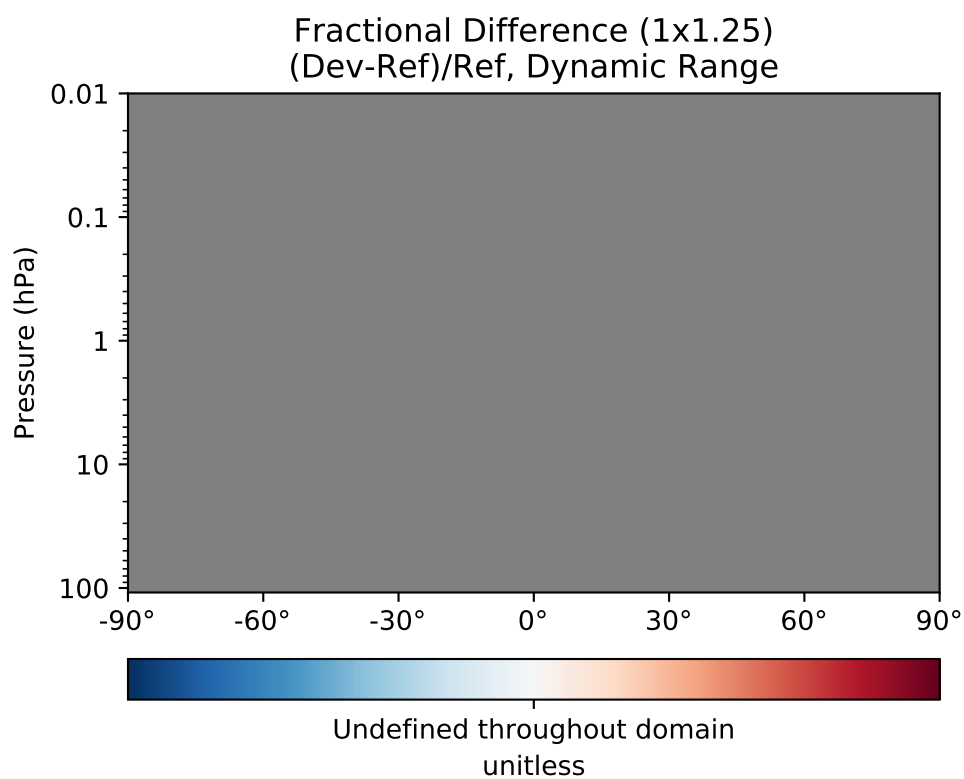
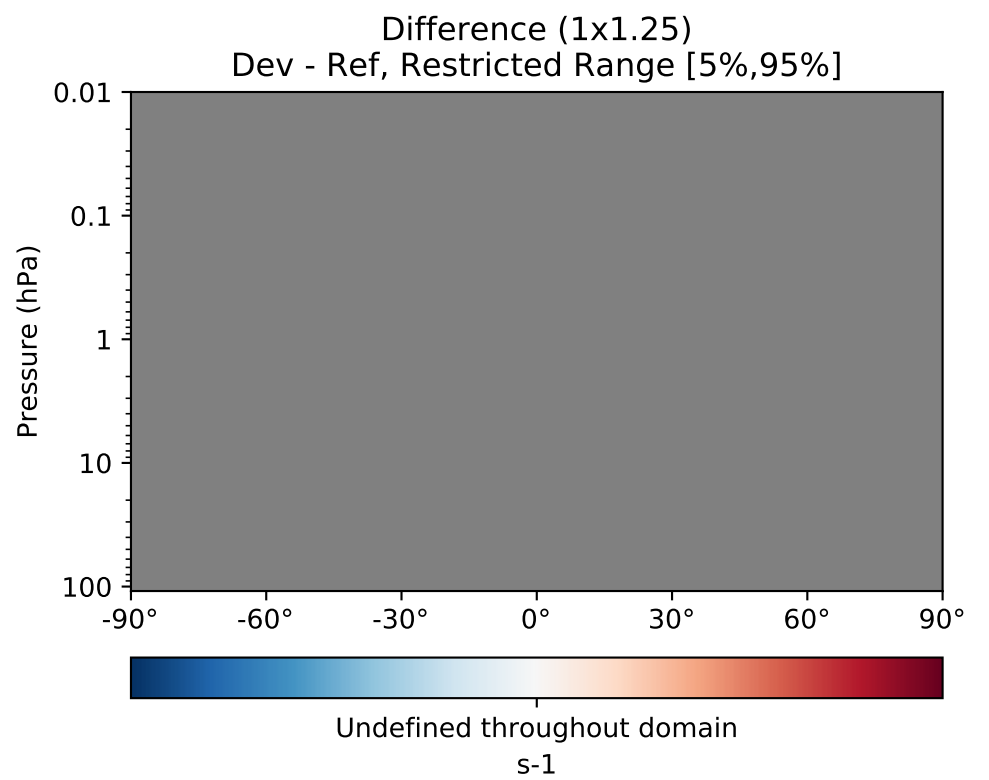
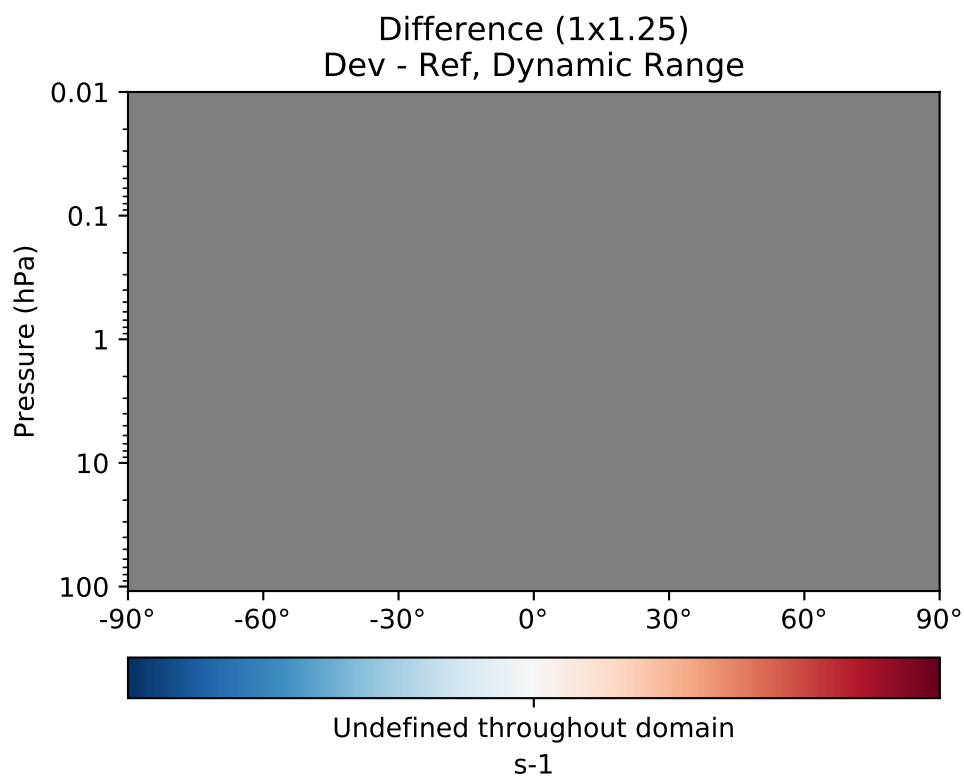
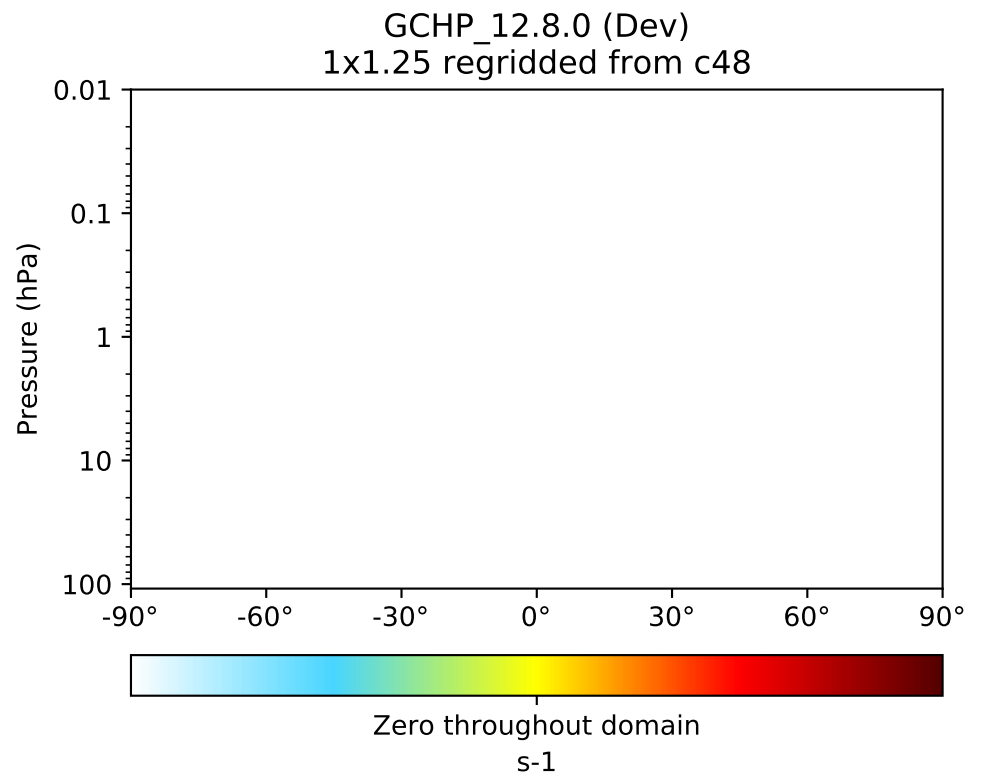
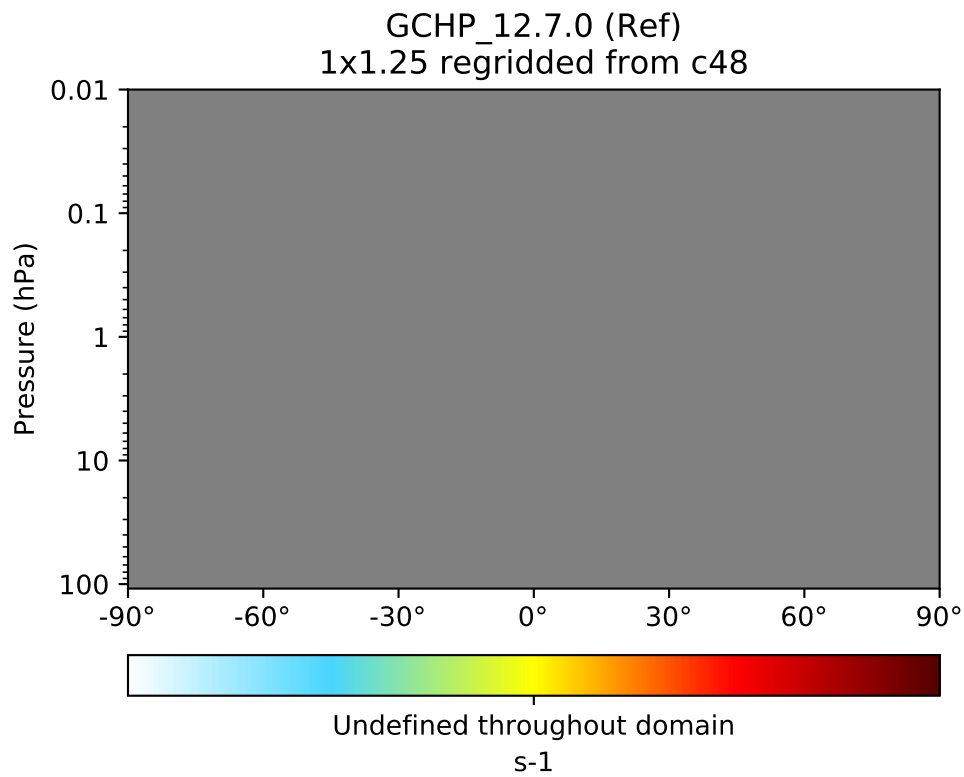
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_HPALD, Zonal Mean

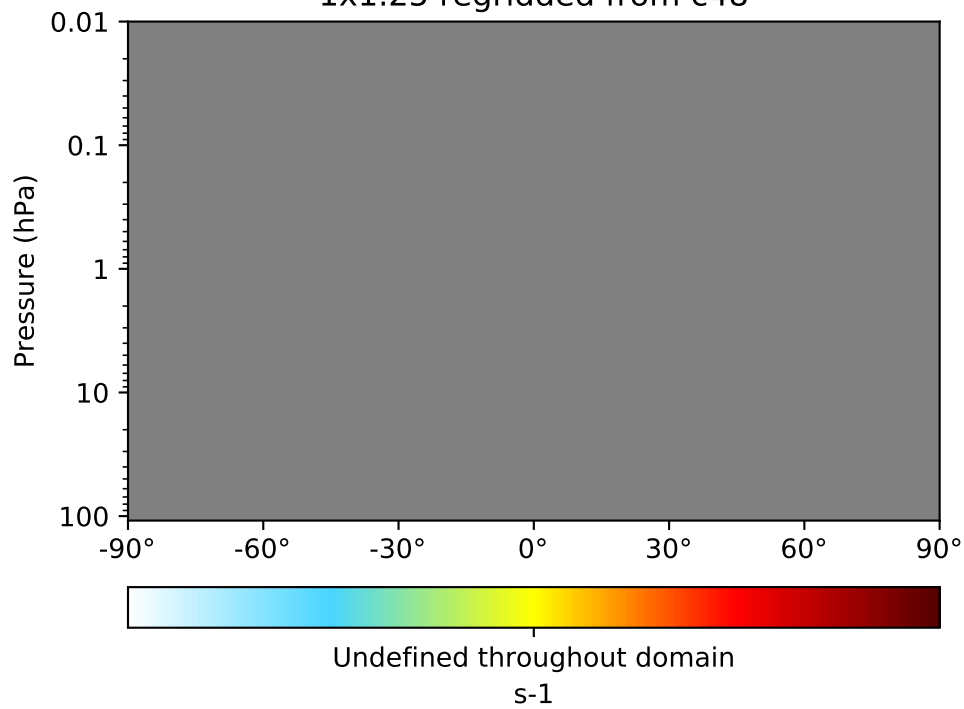


Jval_HPARD1, Zonal Mean

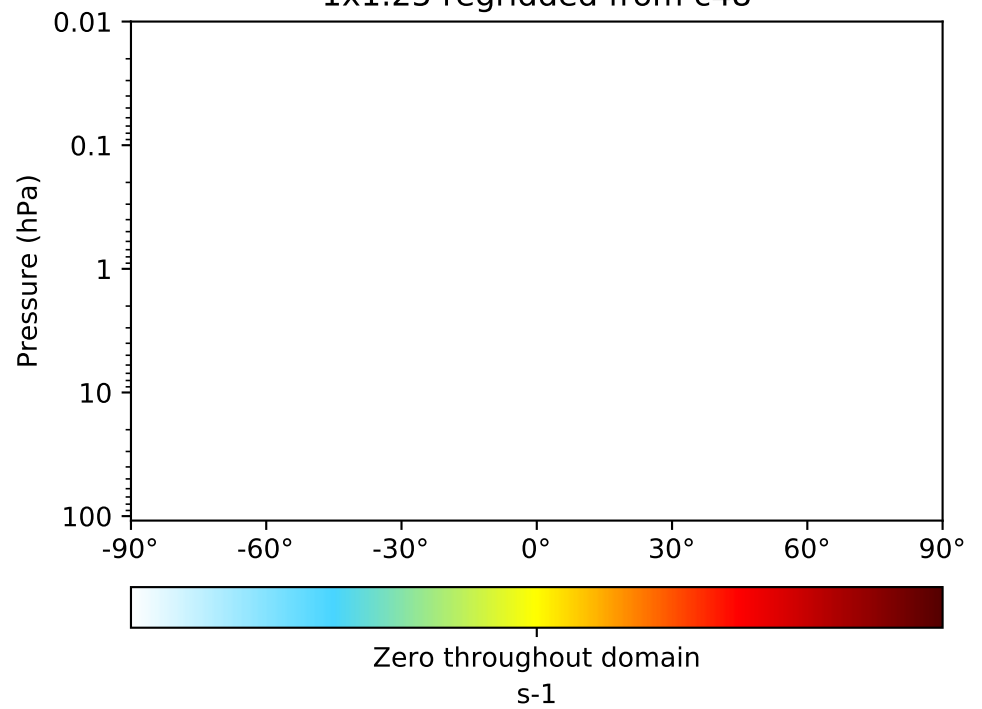


Jval_HPALD2, Zonal Mean

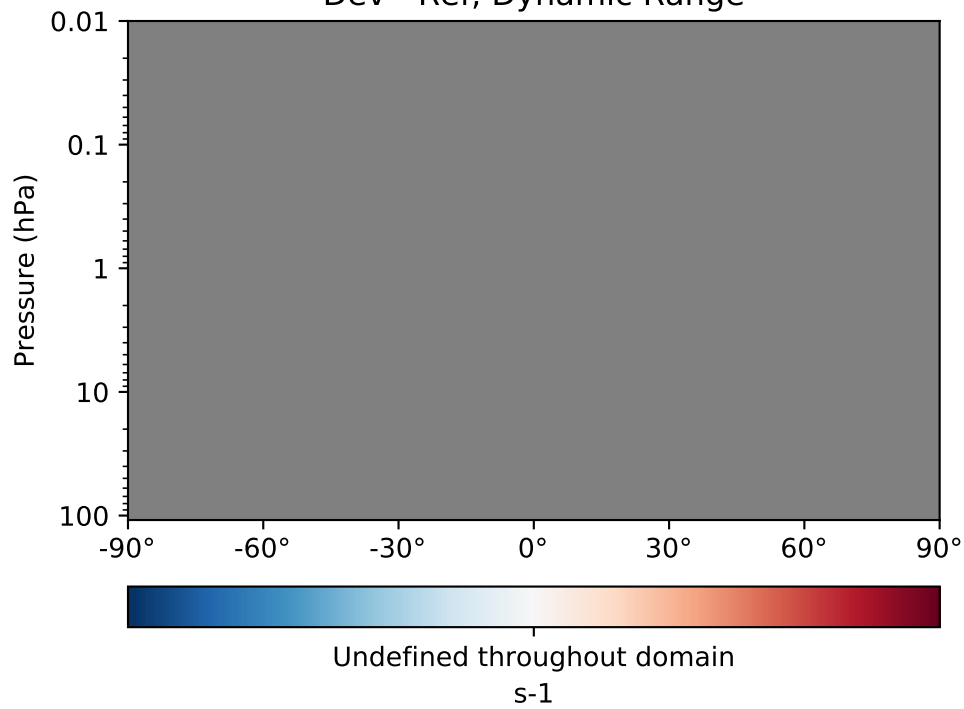
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



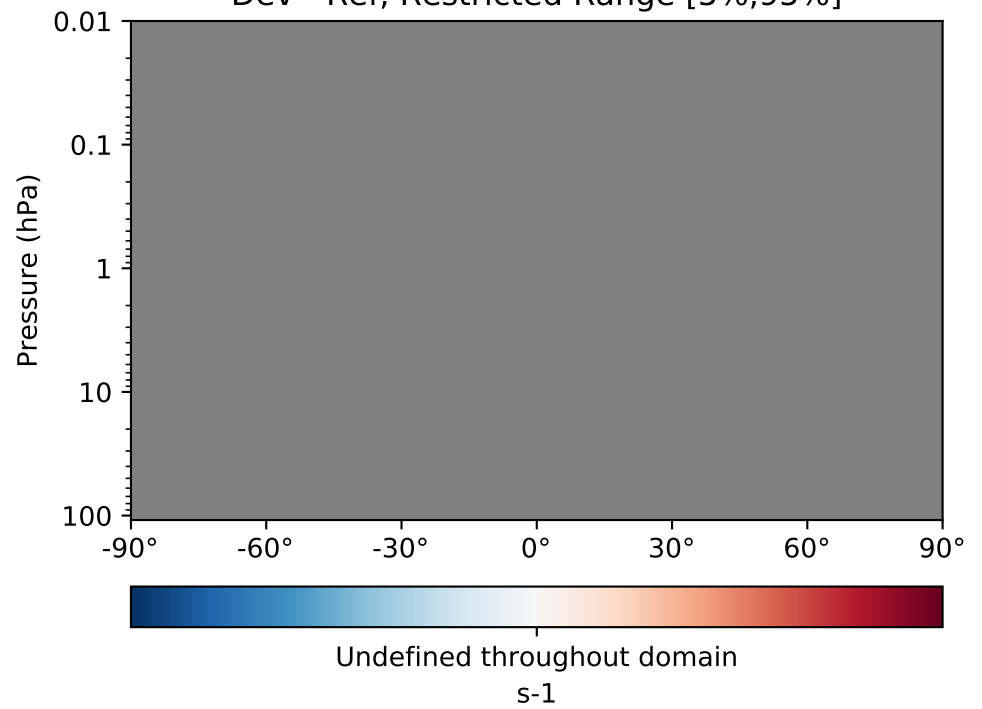
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



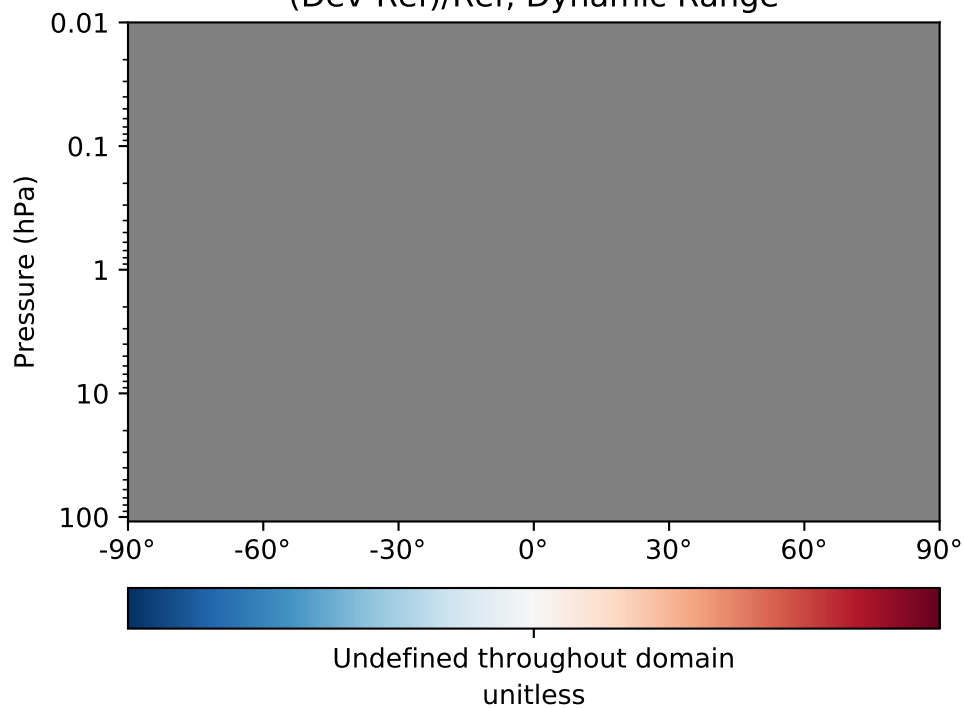
Difference (1x1.25)
Dev - Ref, Dynamic Range



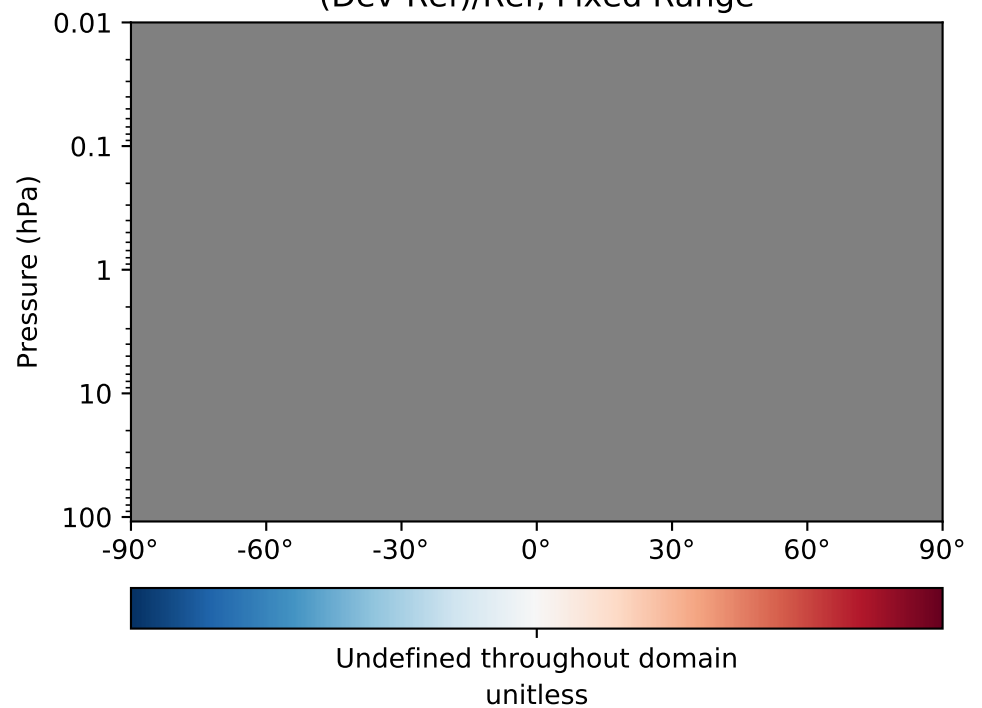
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



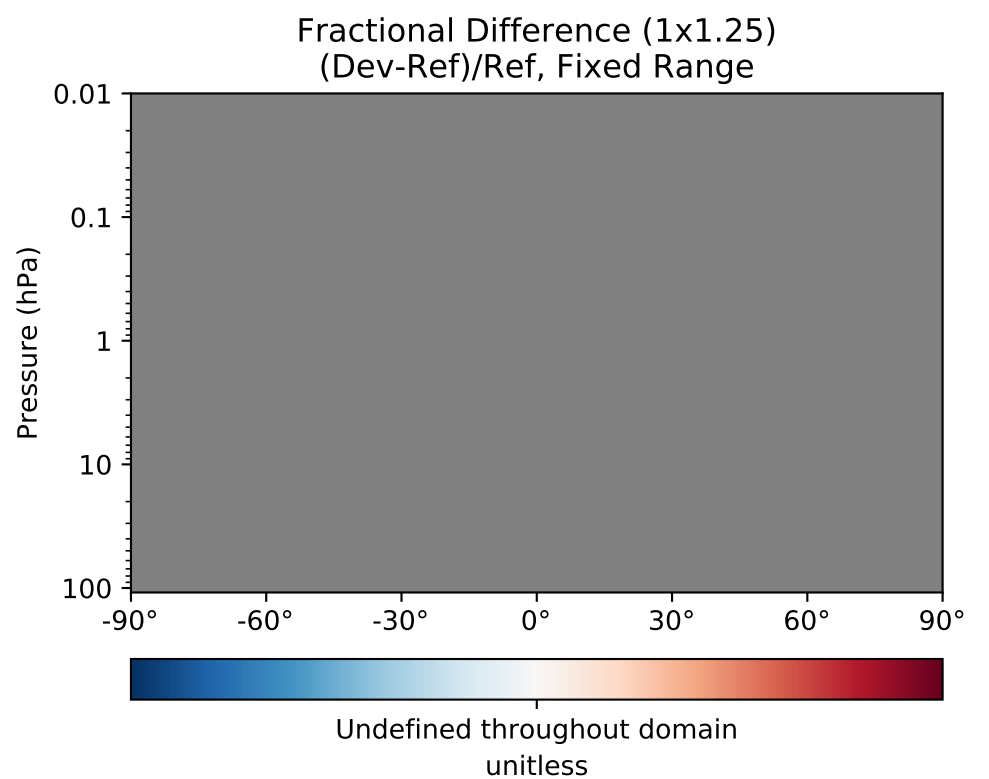
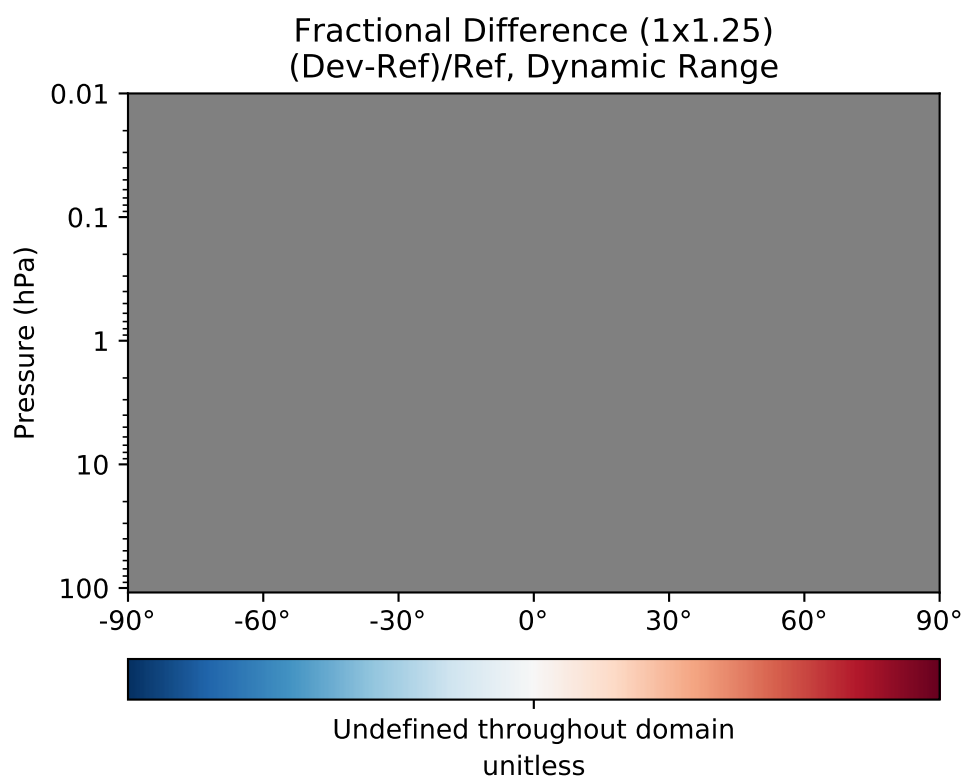
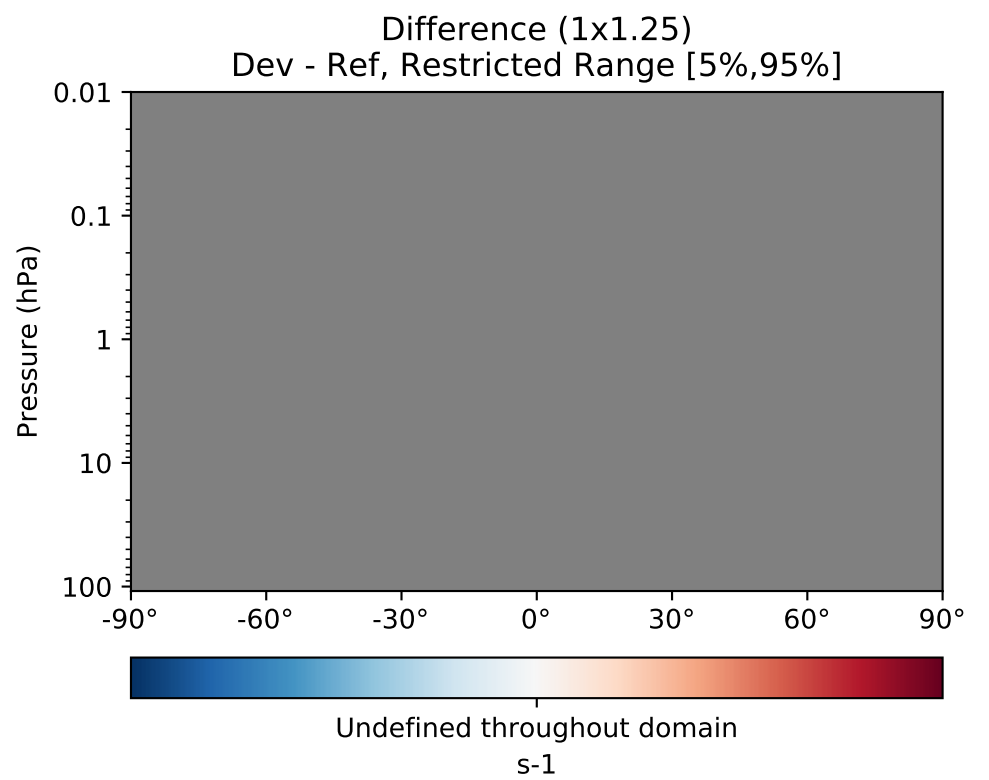
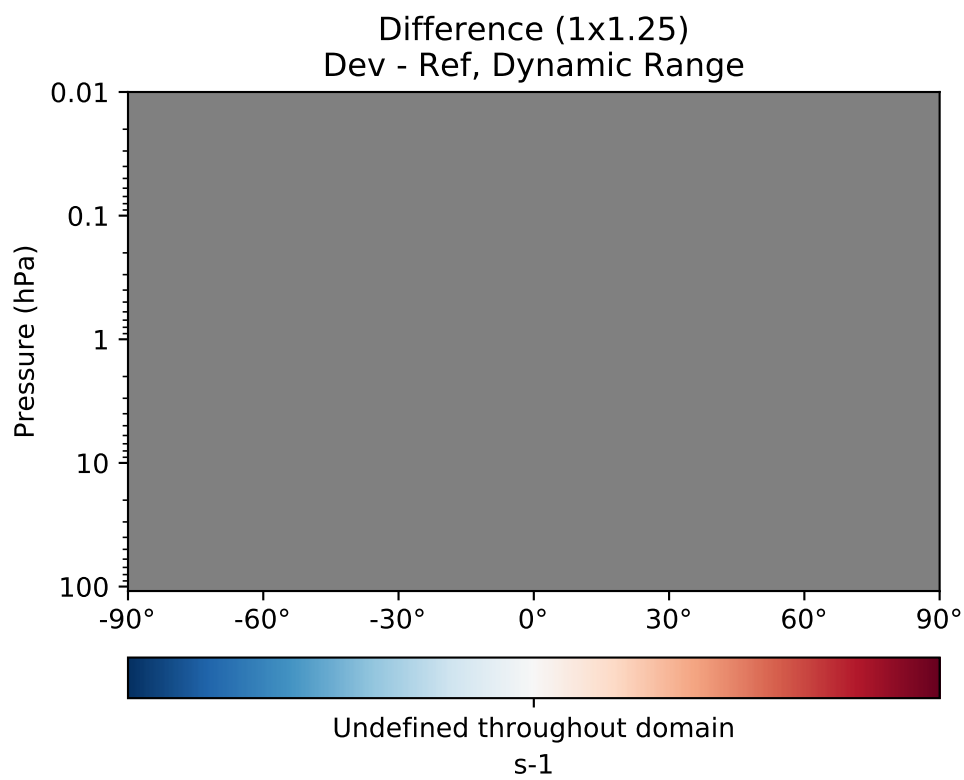
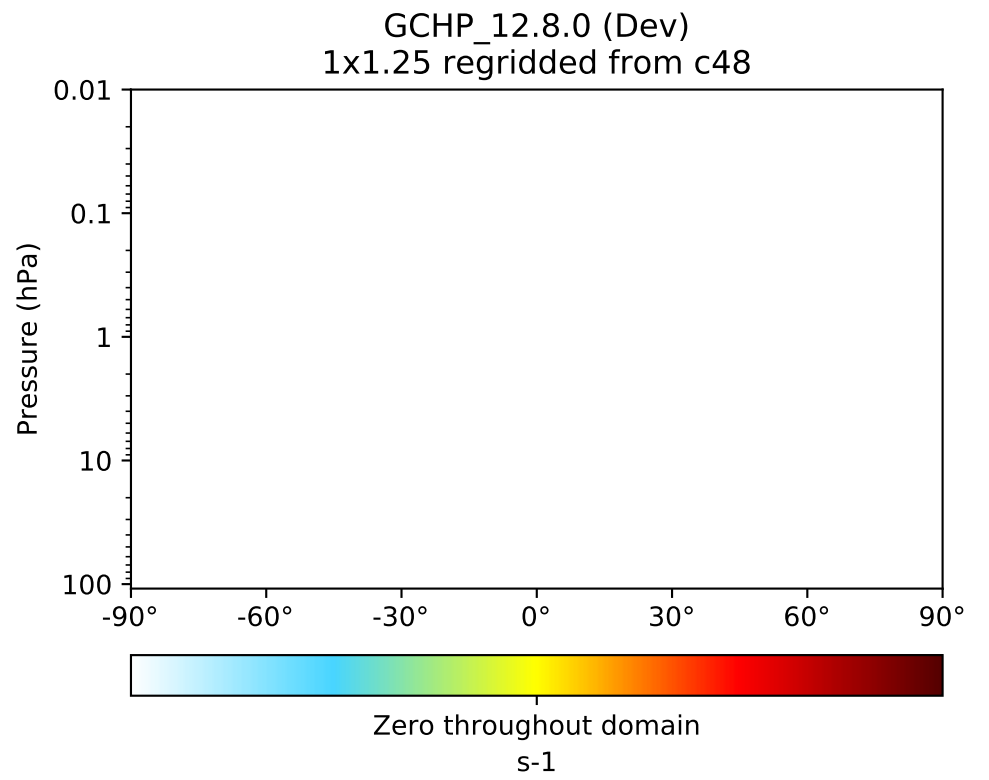
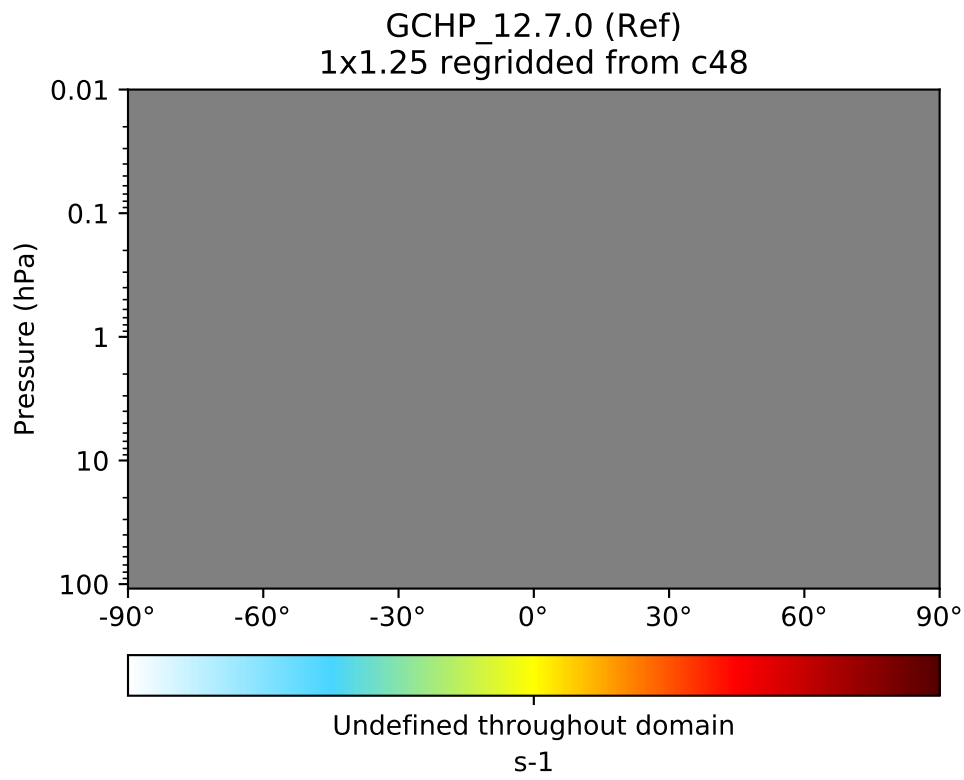
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



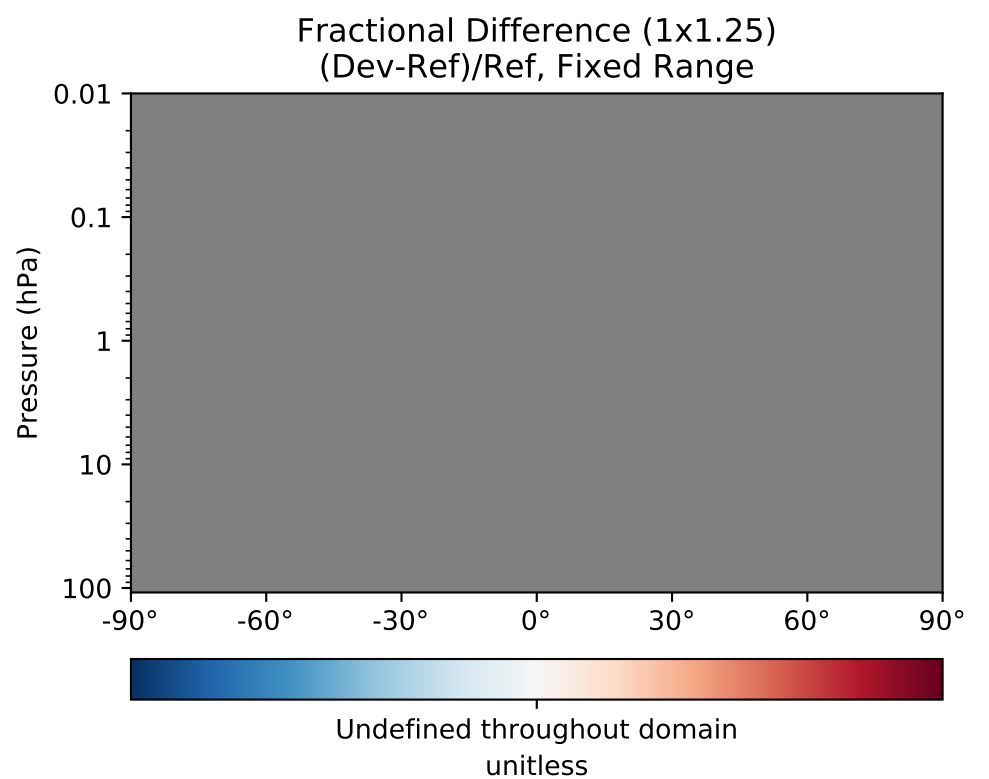
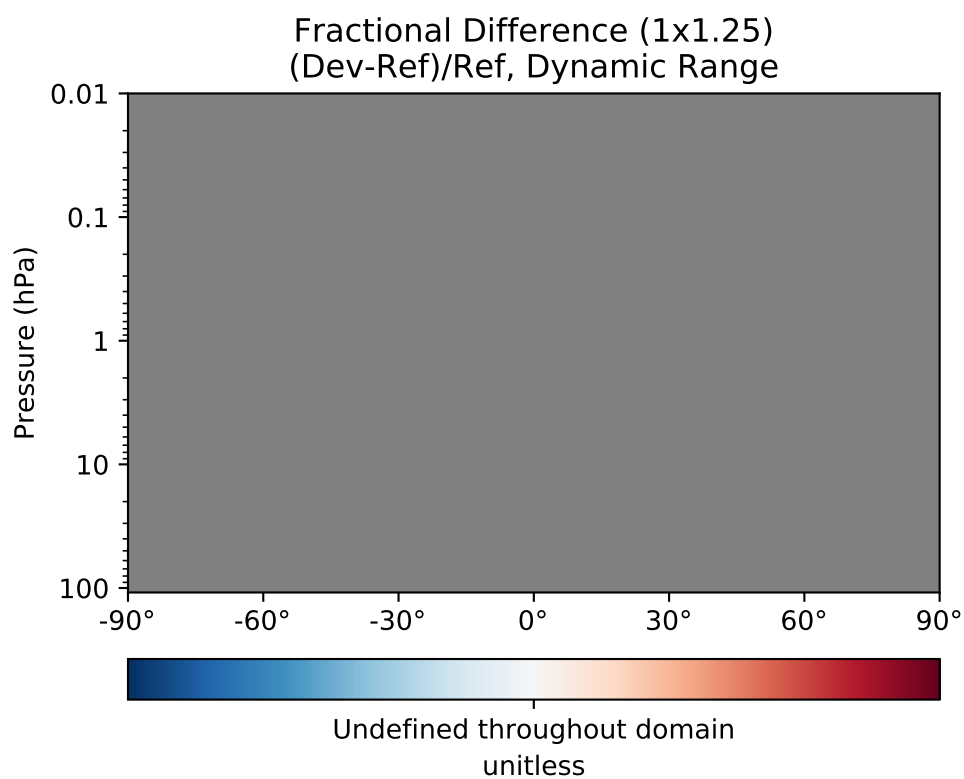
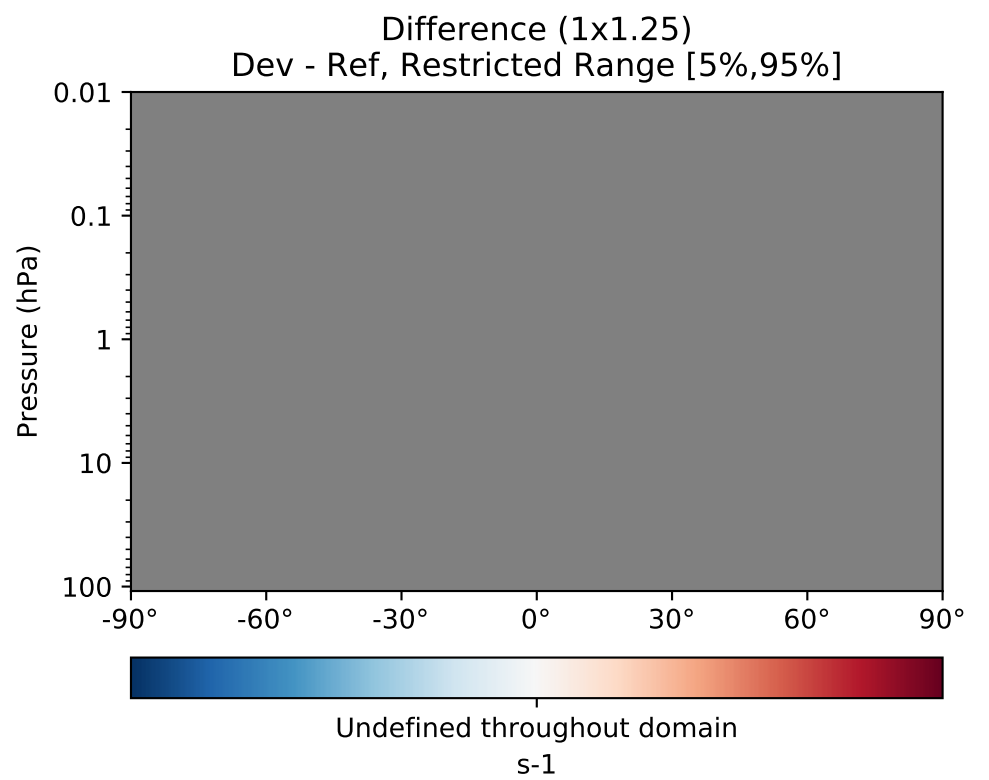
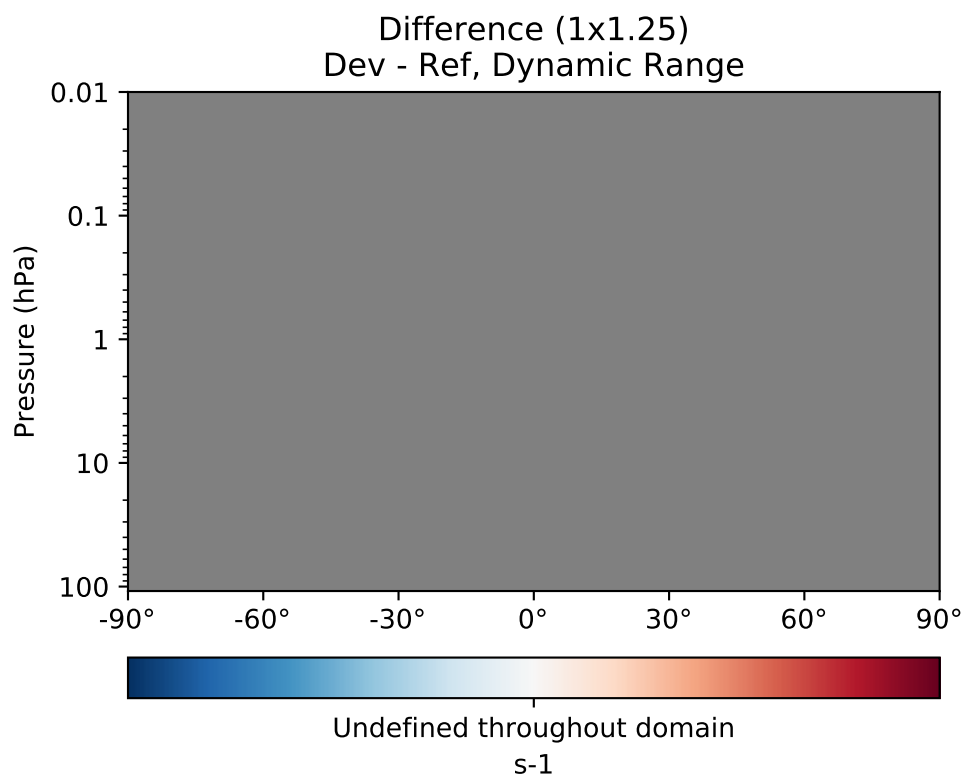
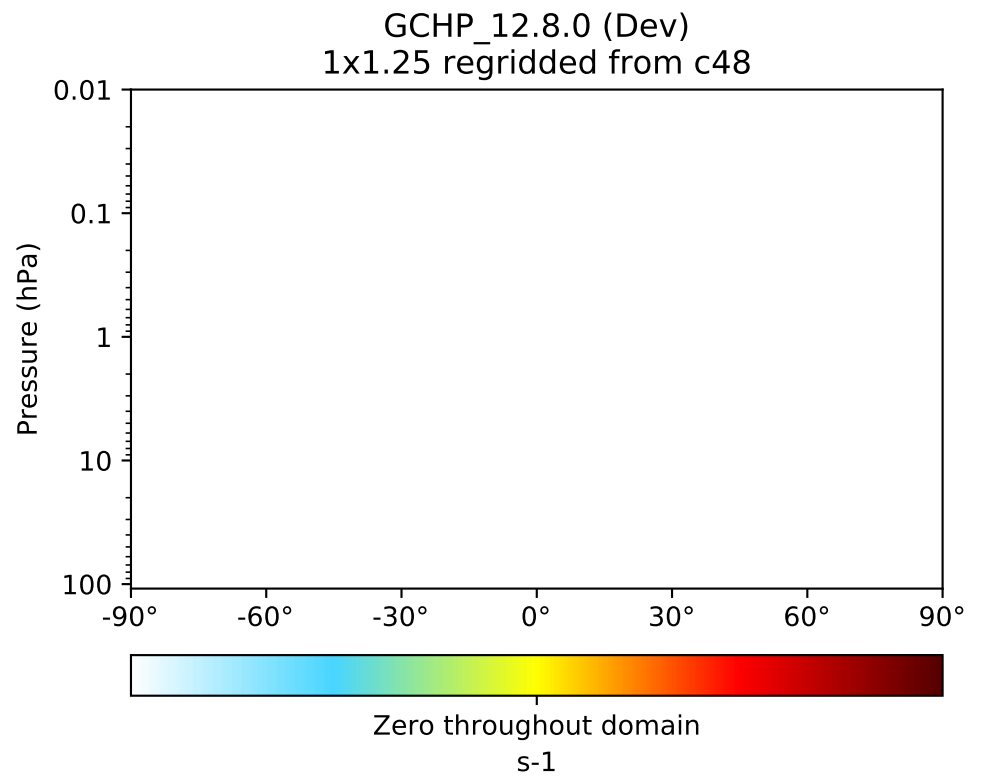
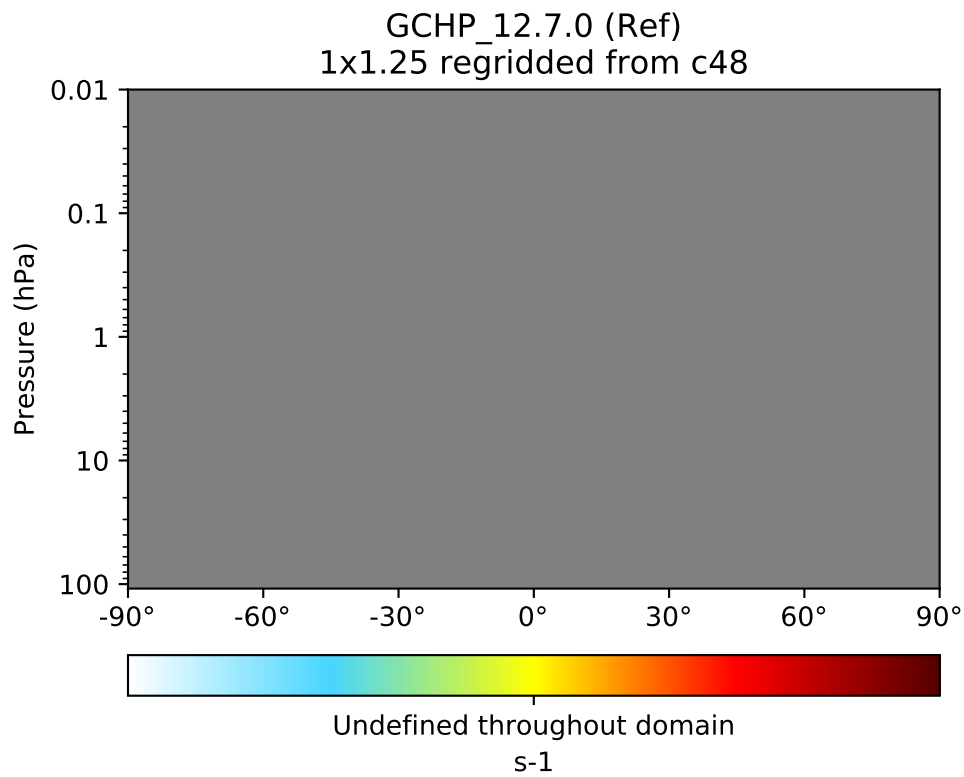
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



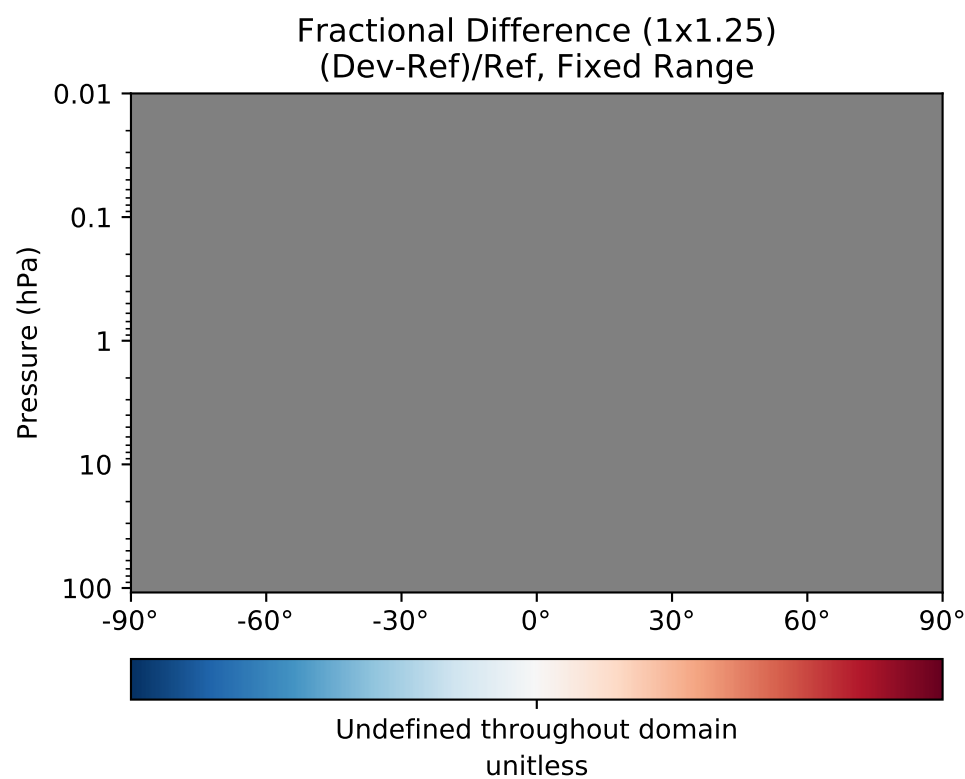
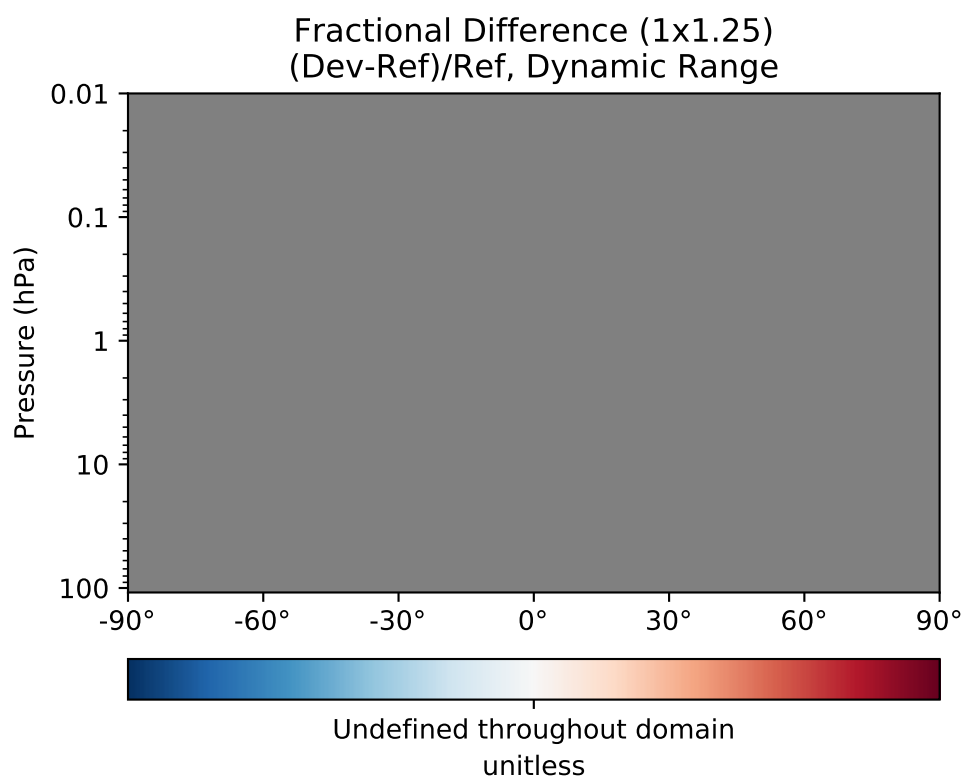
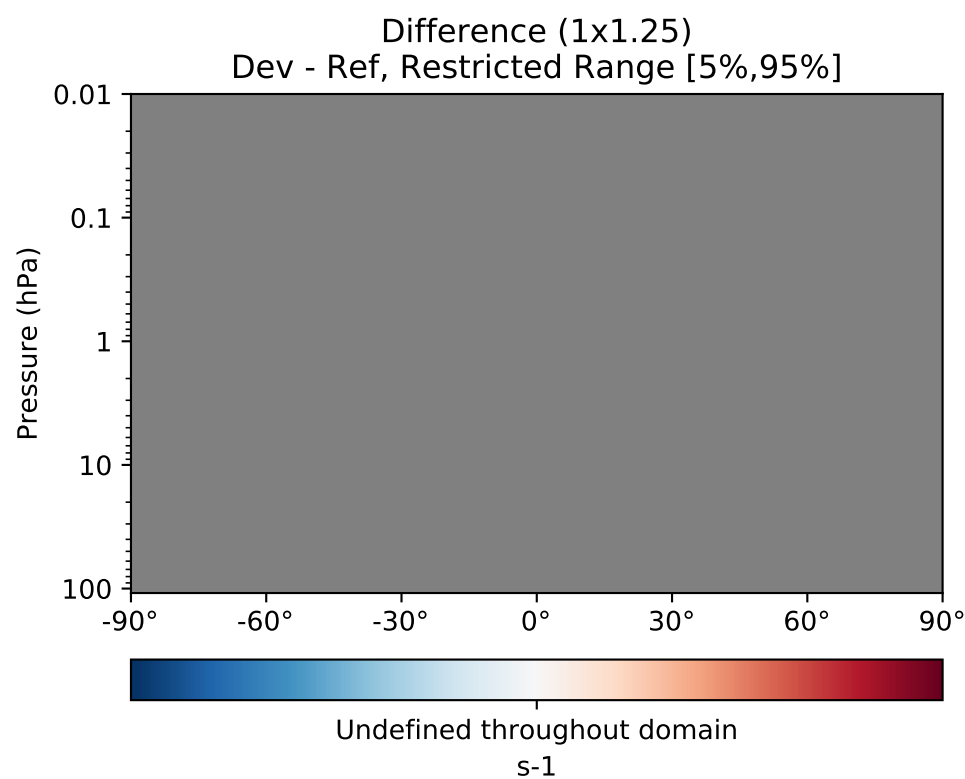
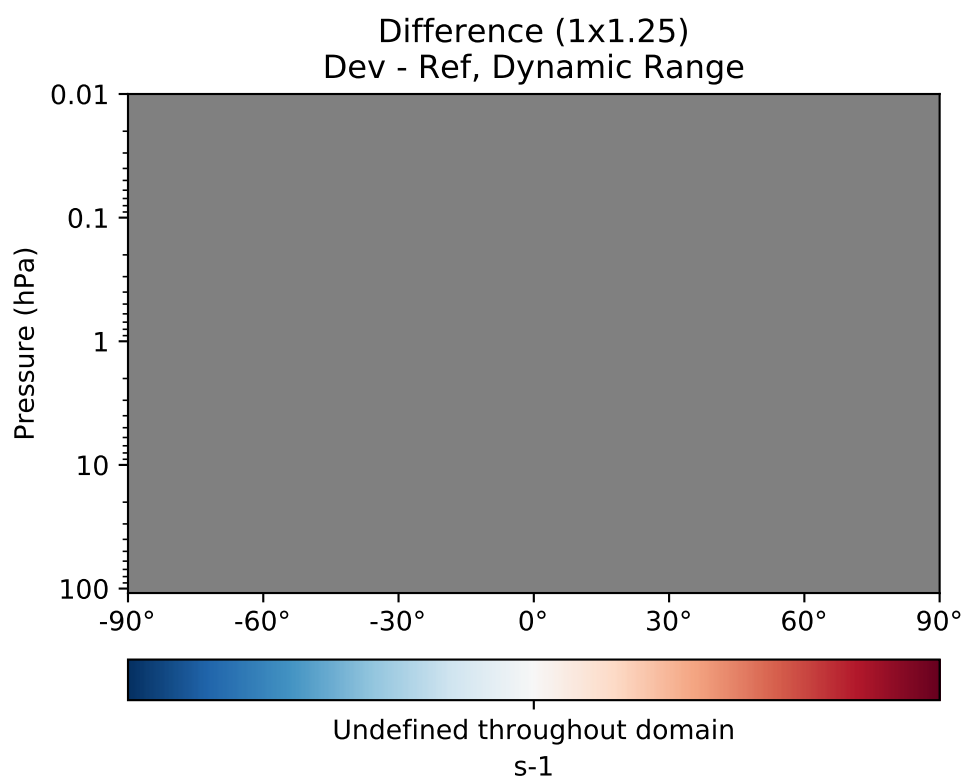
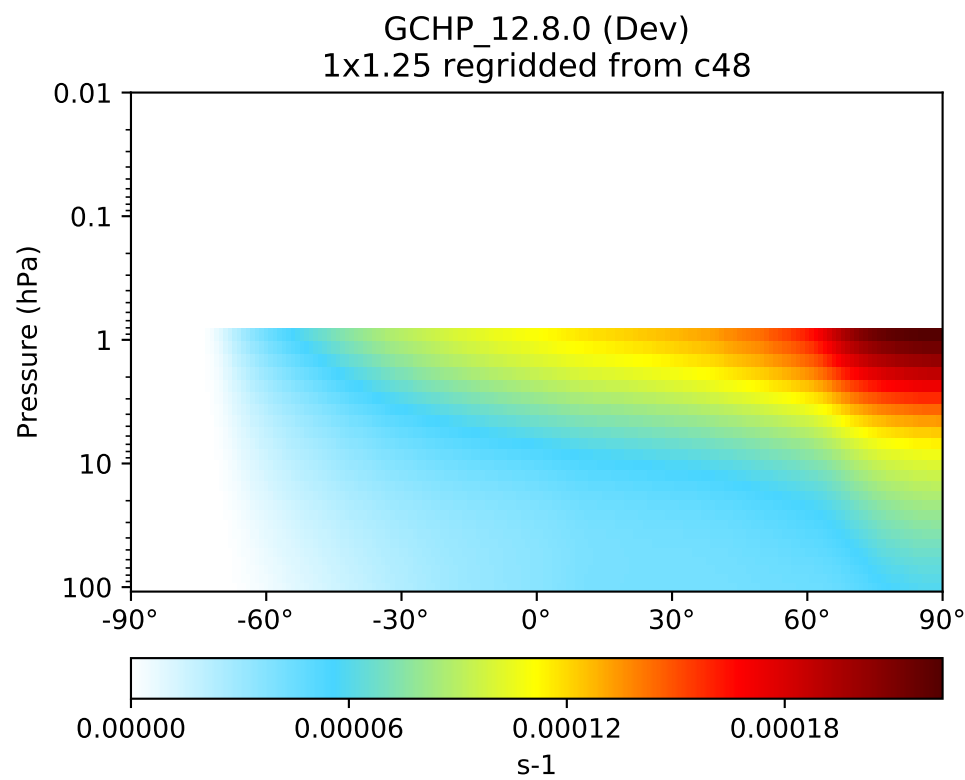
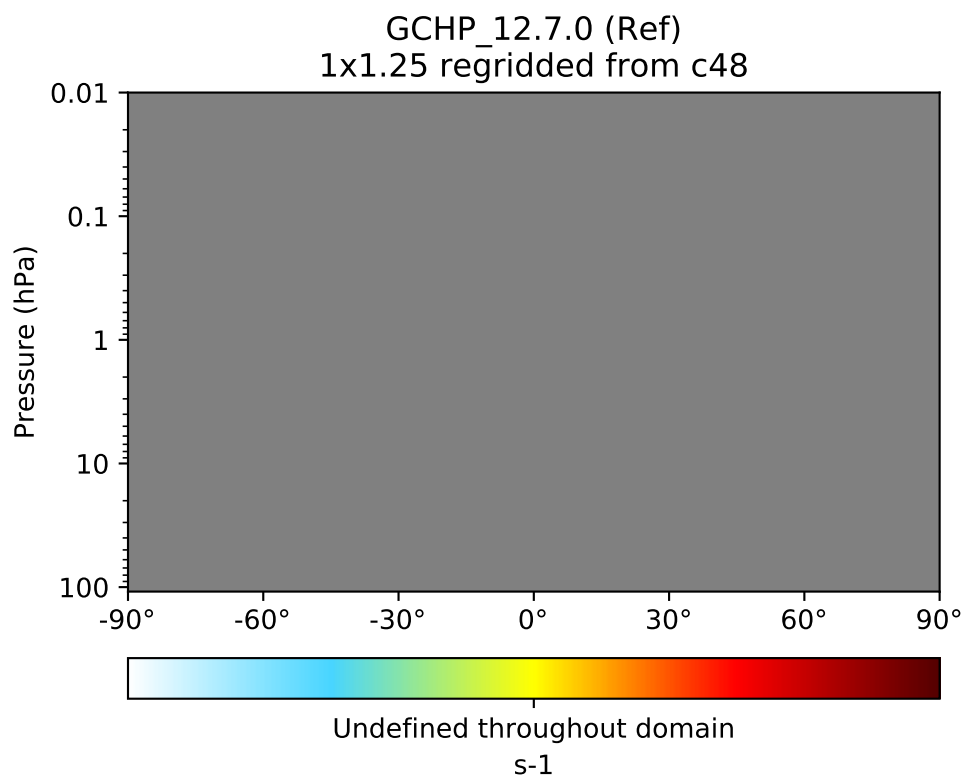
Jval_HPALD3, Zonal Mean



Jval_HPALD4, Zonal Mean

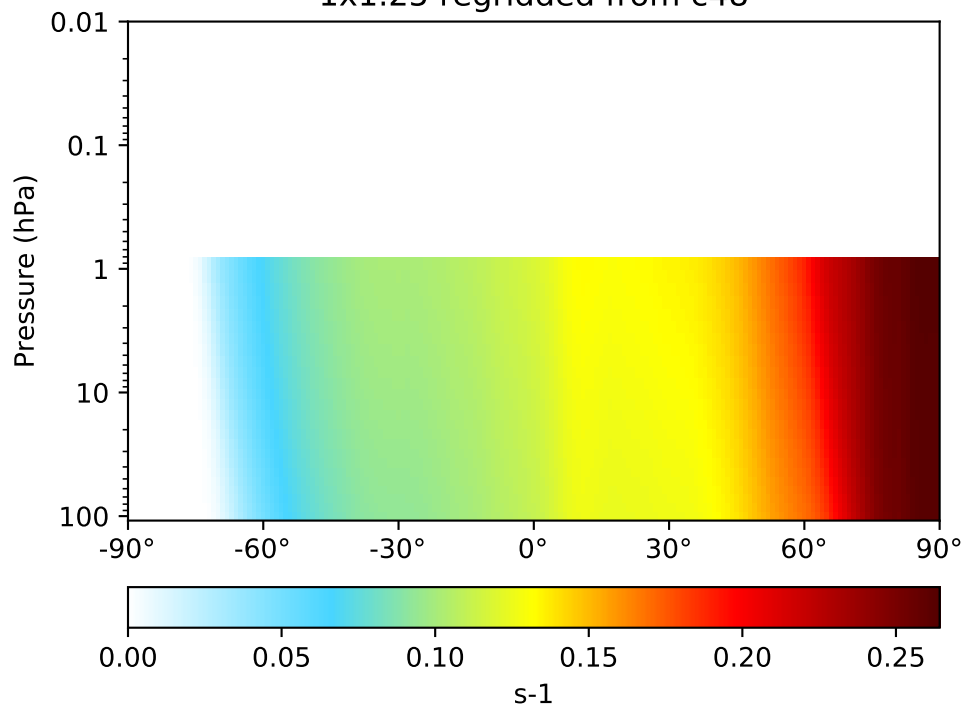


Jval_HPETHNL, Zonal Mean

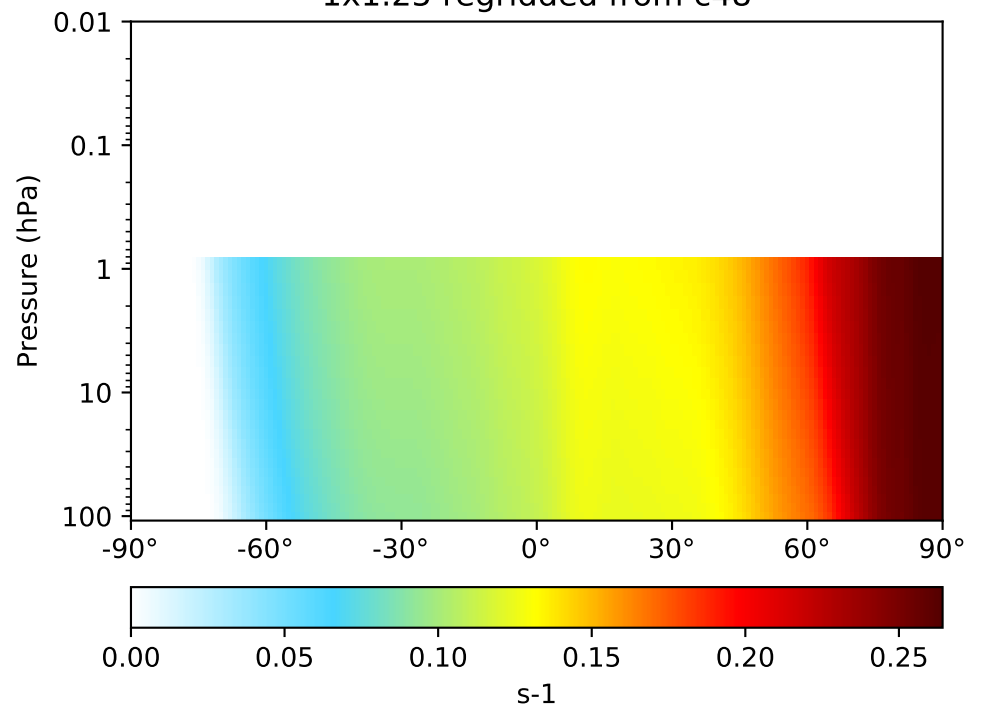


Jval_I2, Zonal Mean

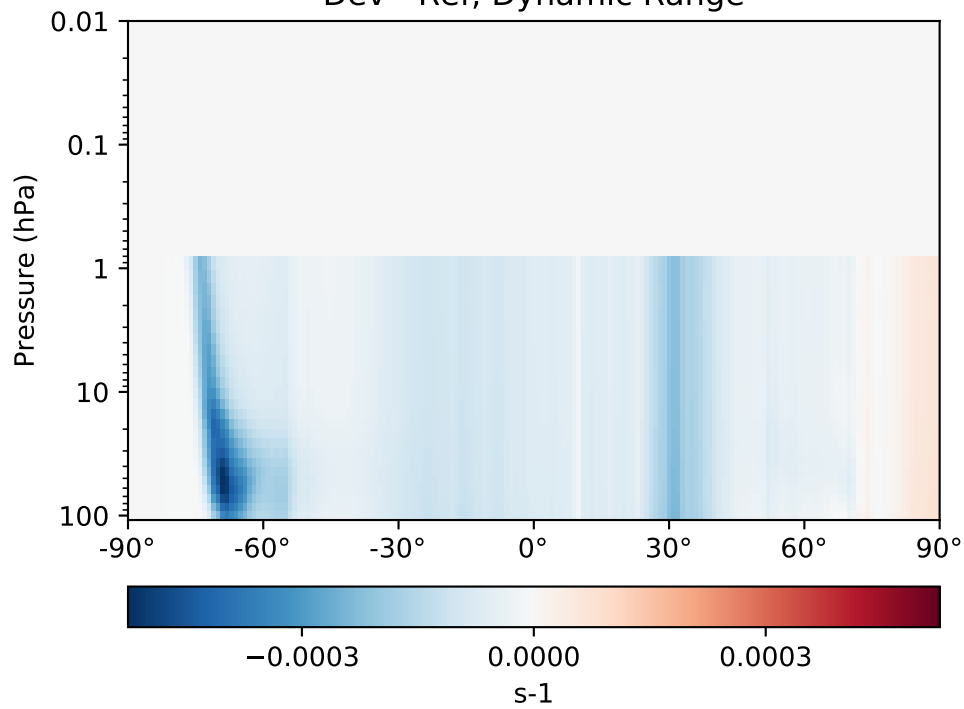
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



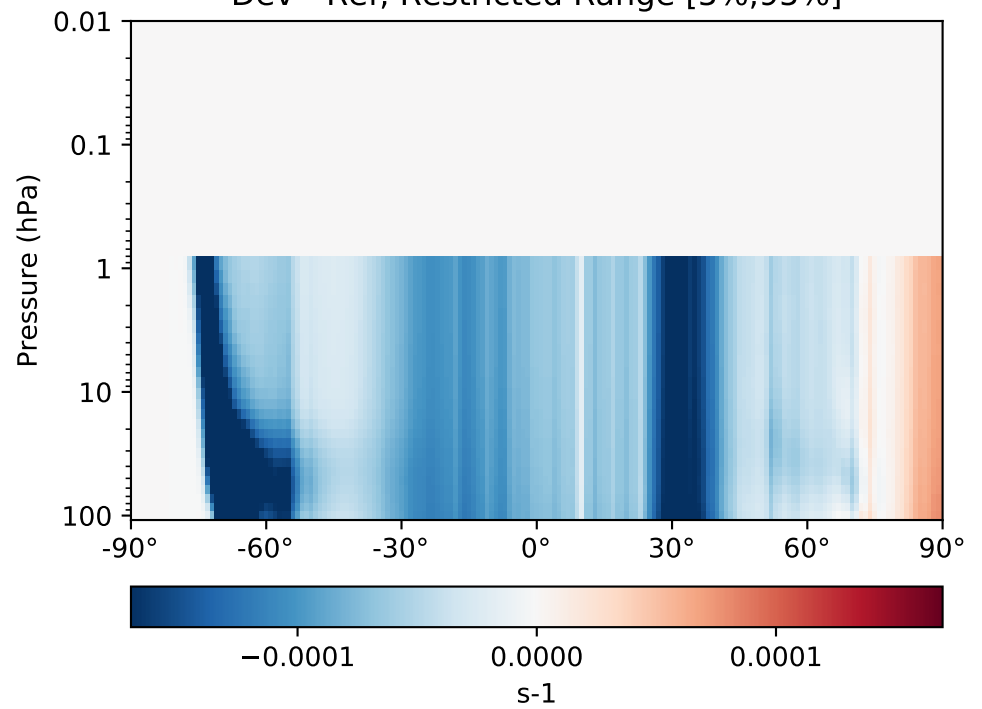
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



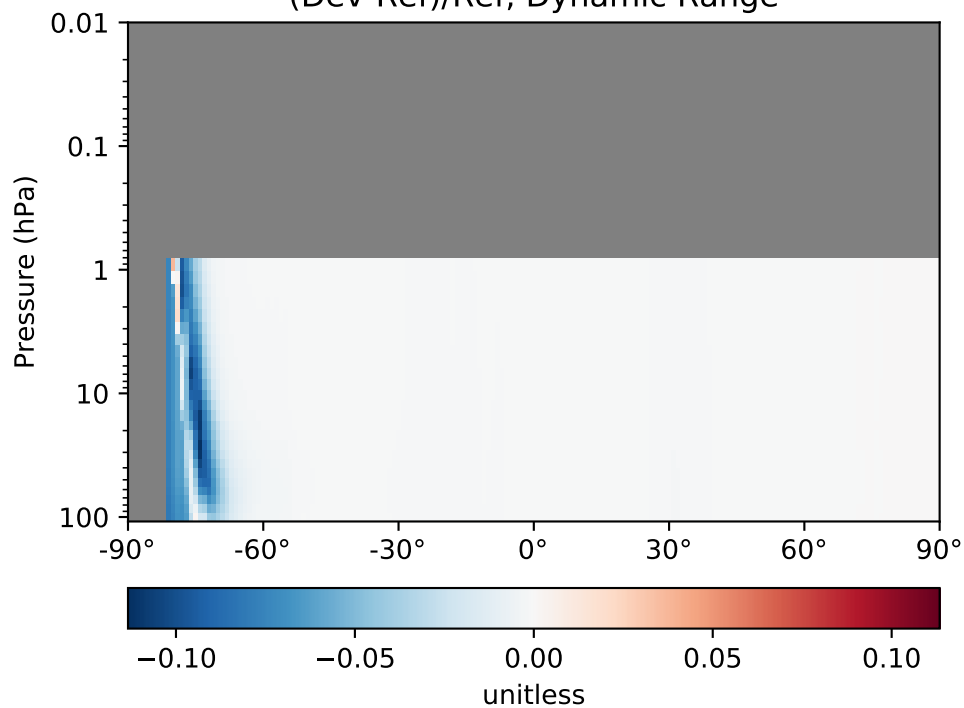
Difference (1x1.25)
Dev - Ref, Dynamic Range



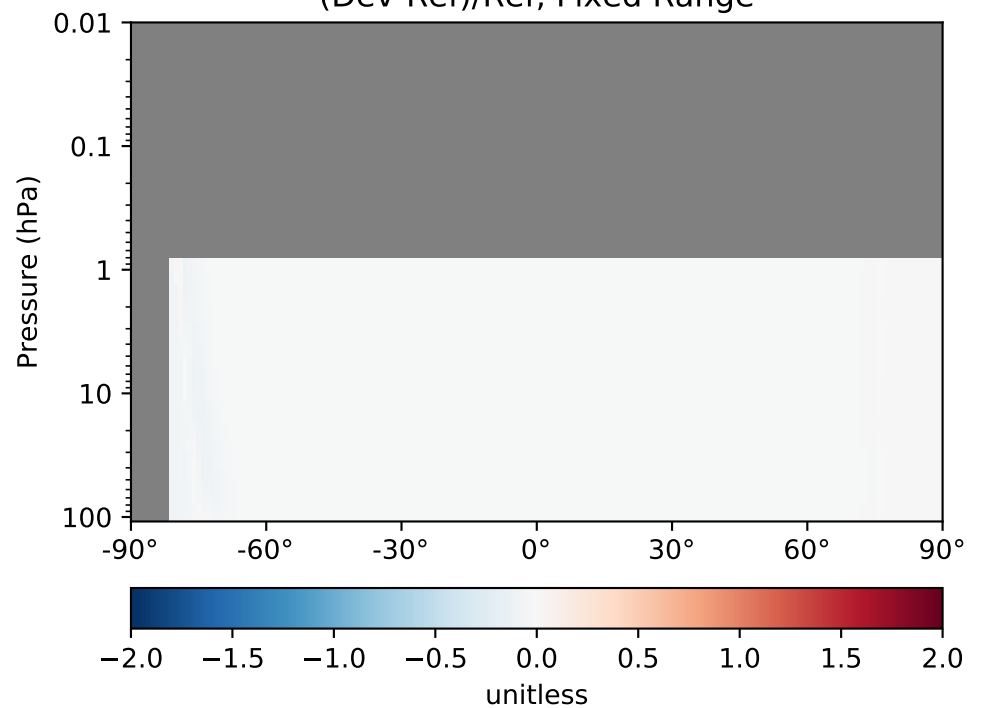
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

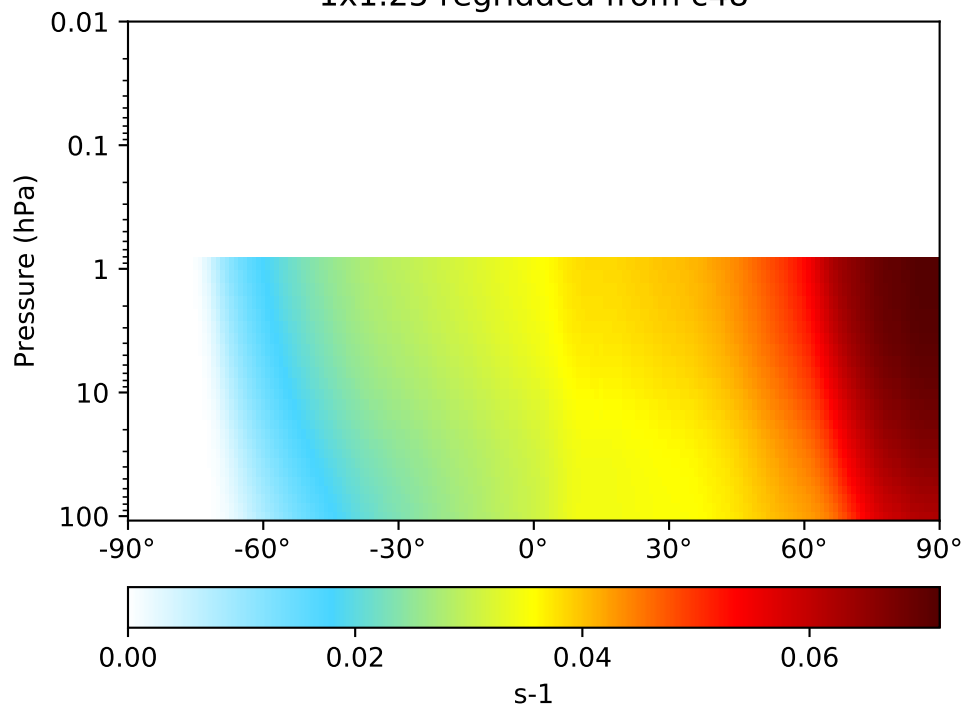


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

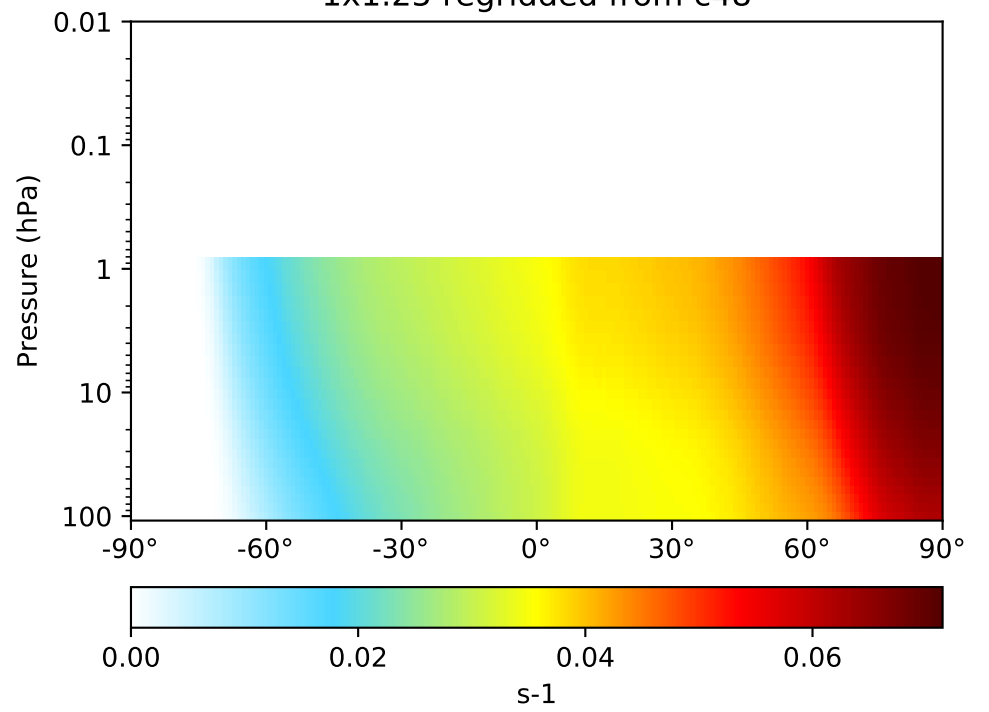


Jval_I2O2, Zonal Mean

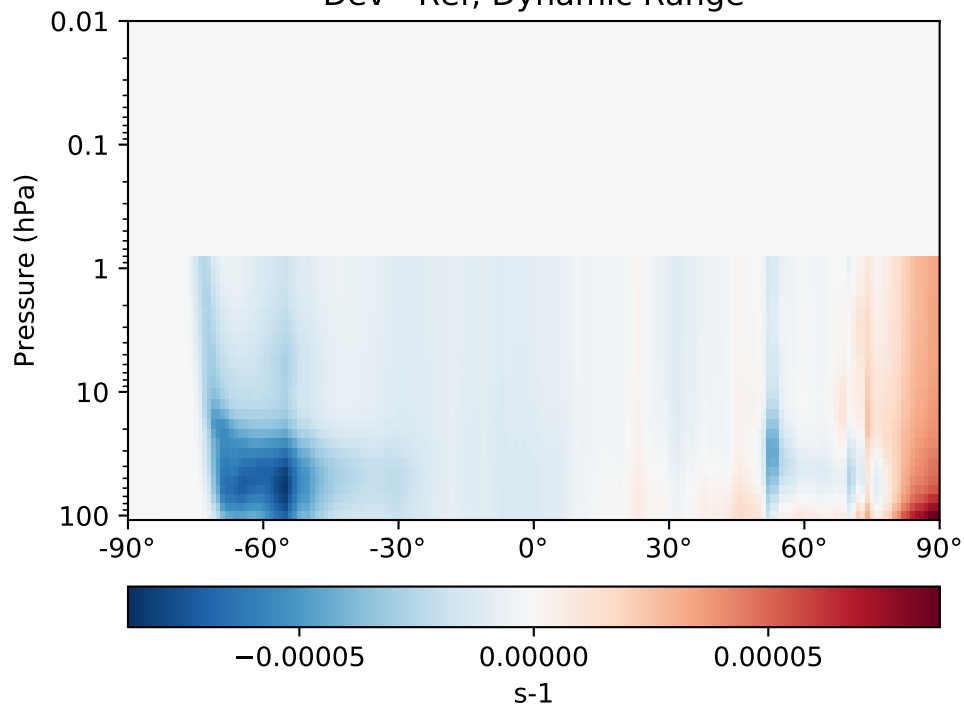
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



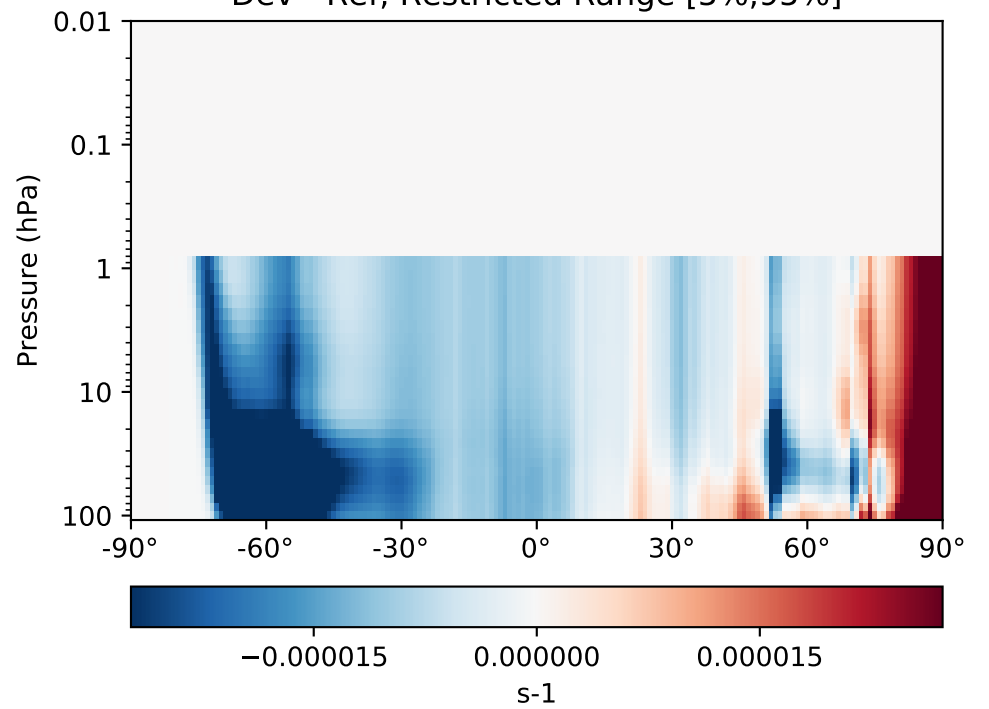
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



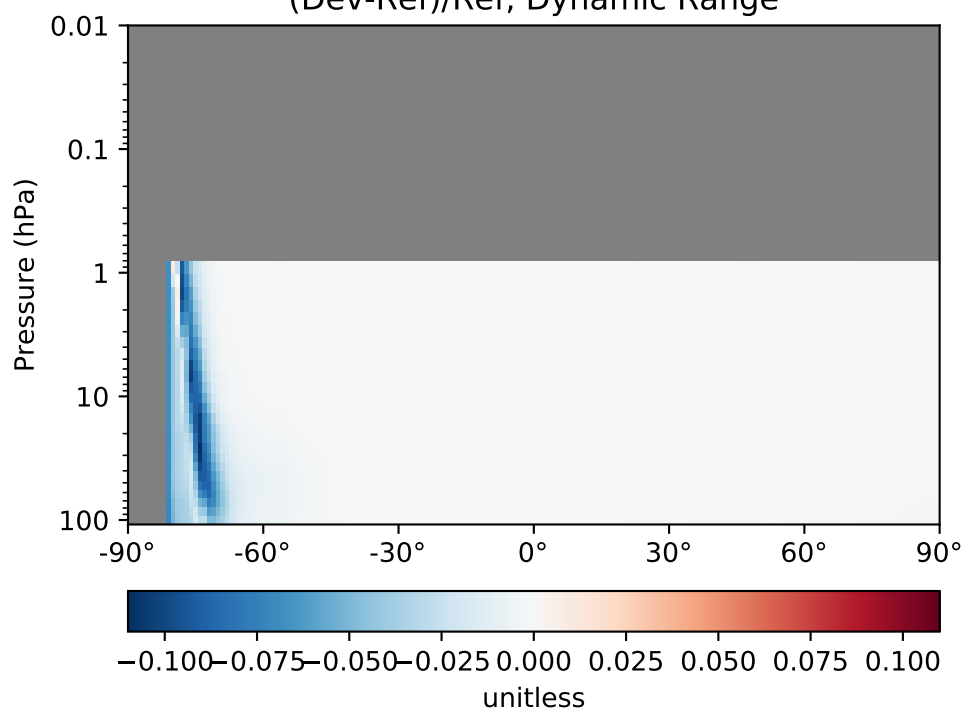
Difference (1x1.25)
Dev - Ref, Dynamic Range



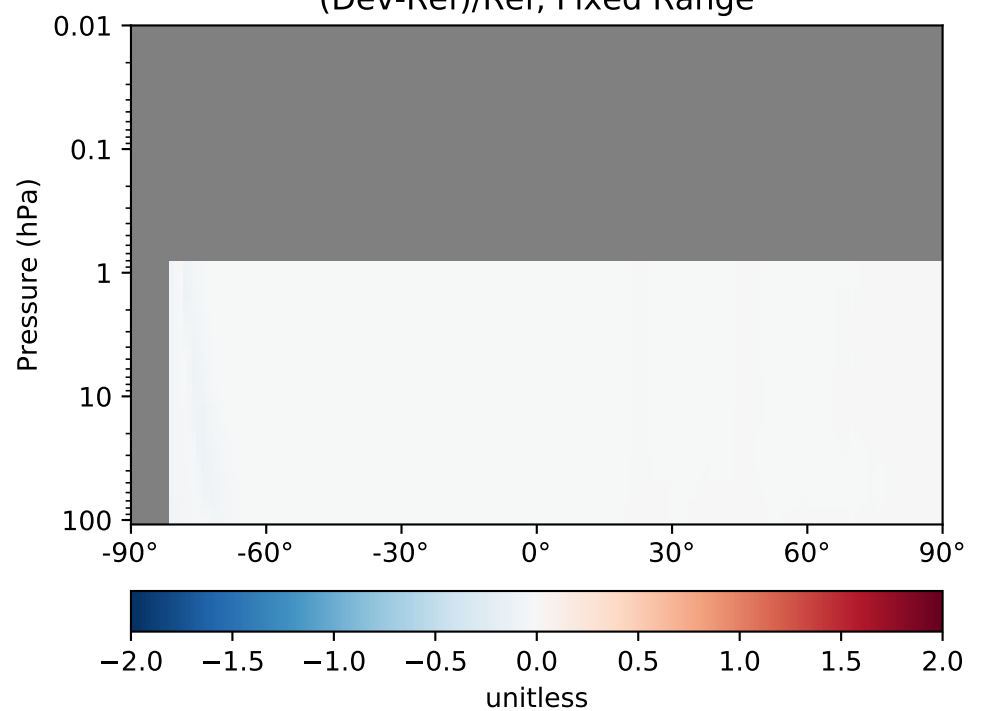
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



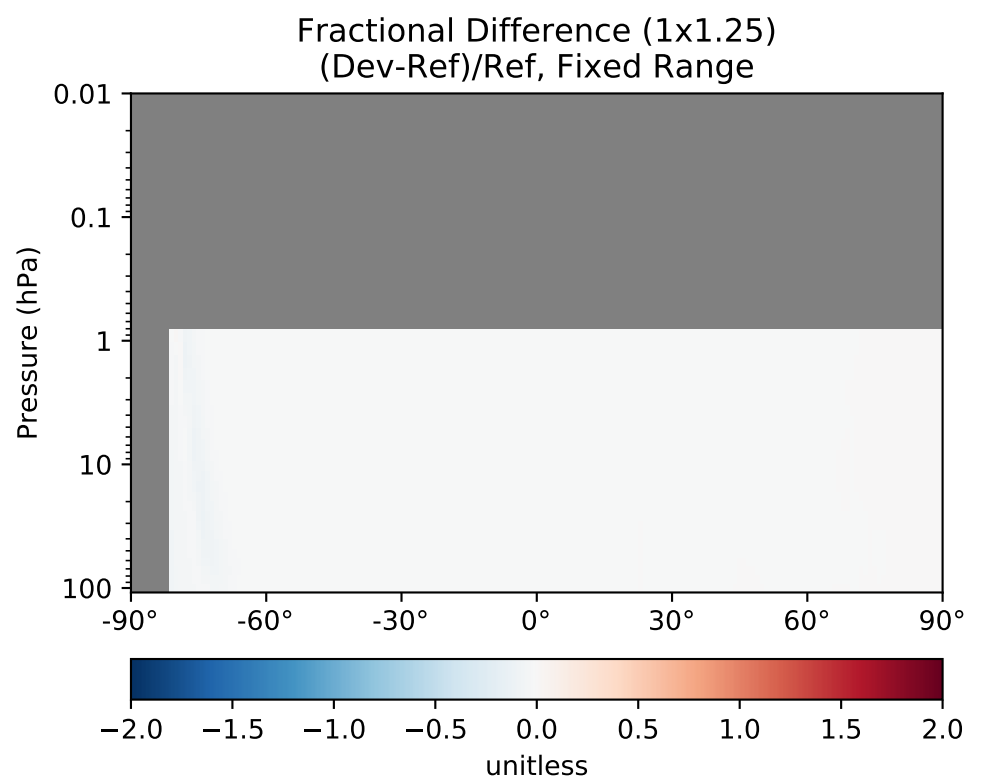
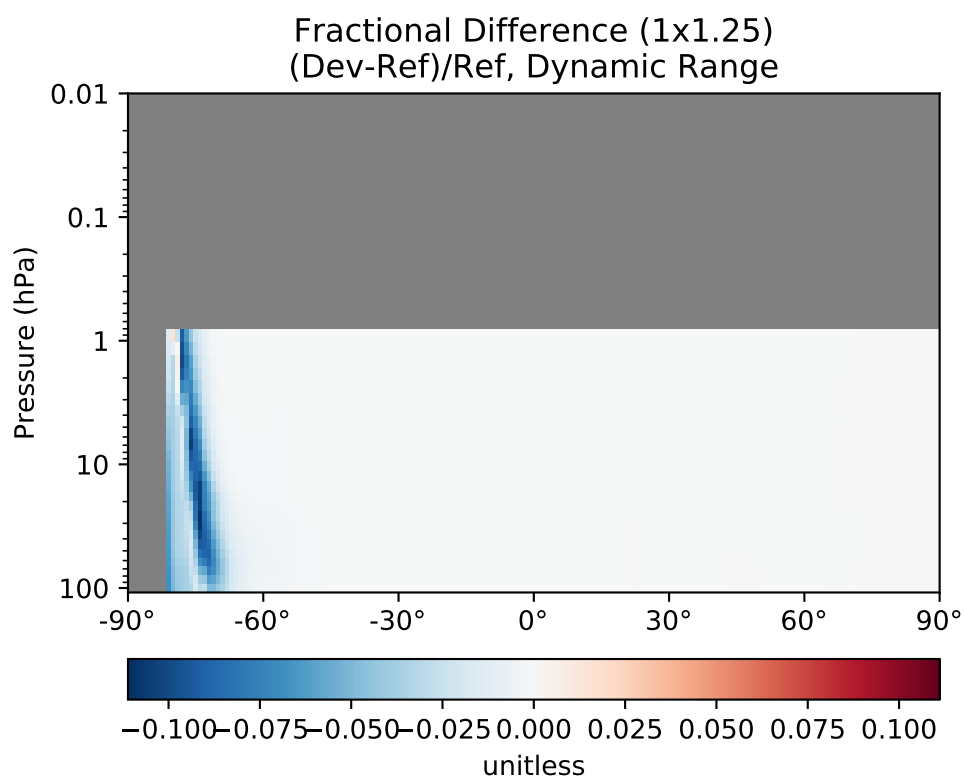
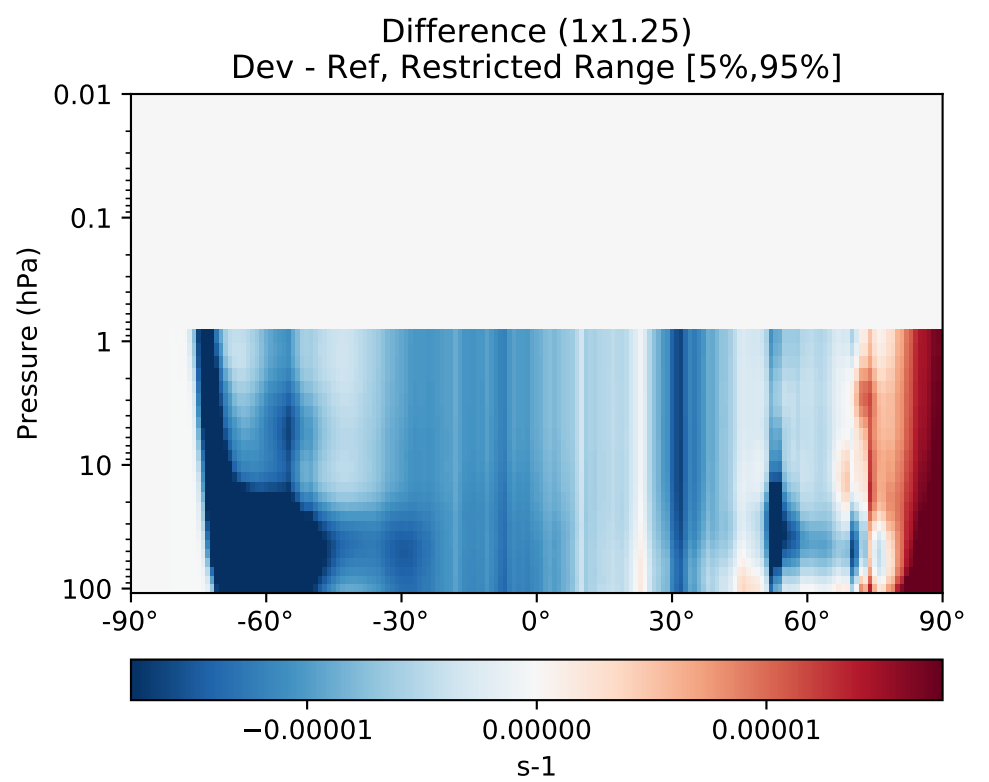
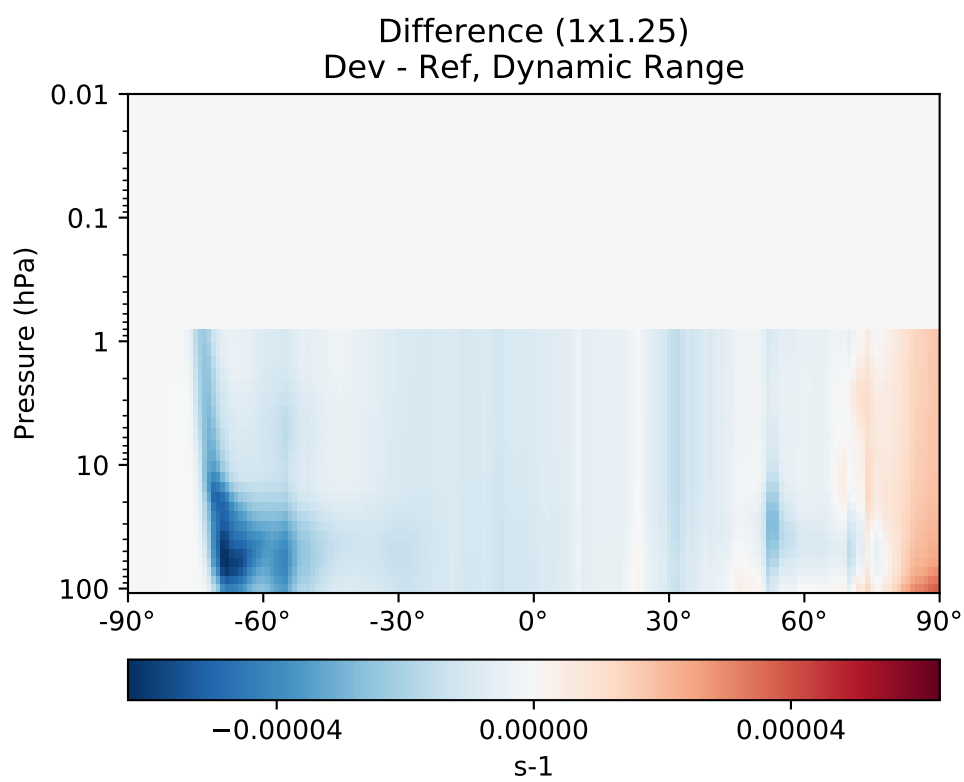
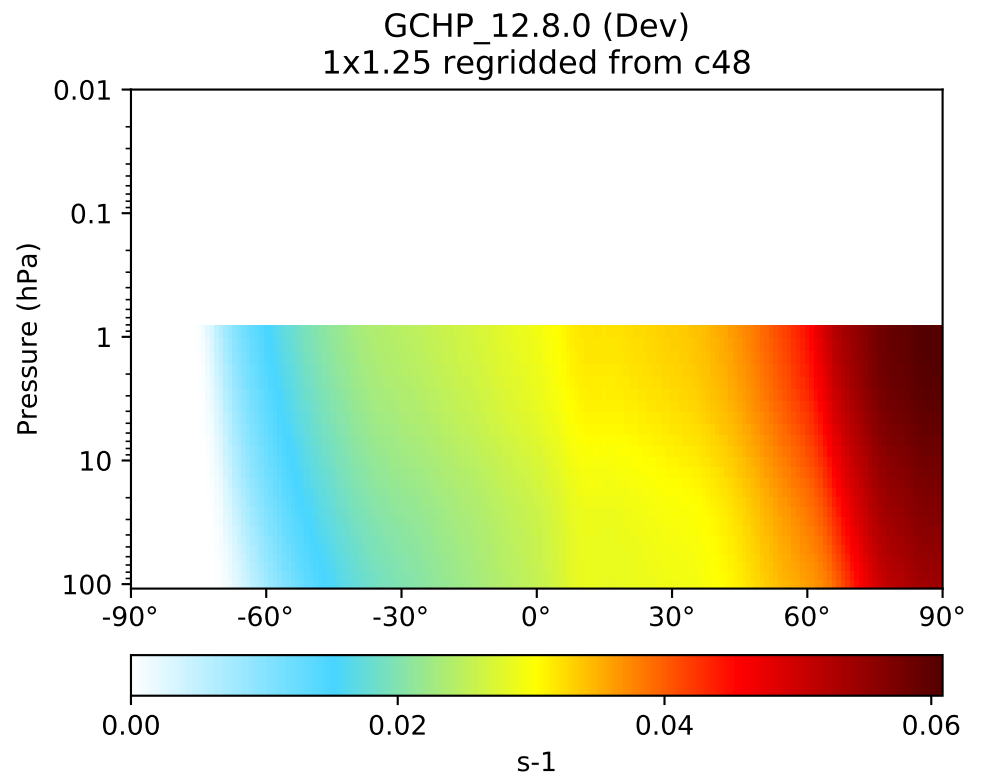
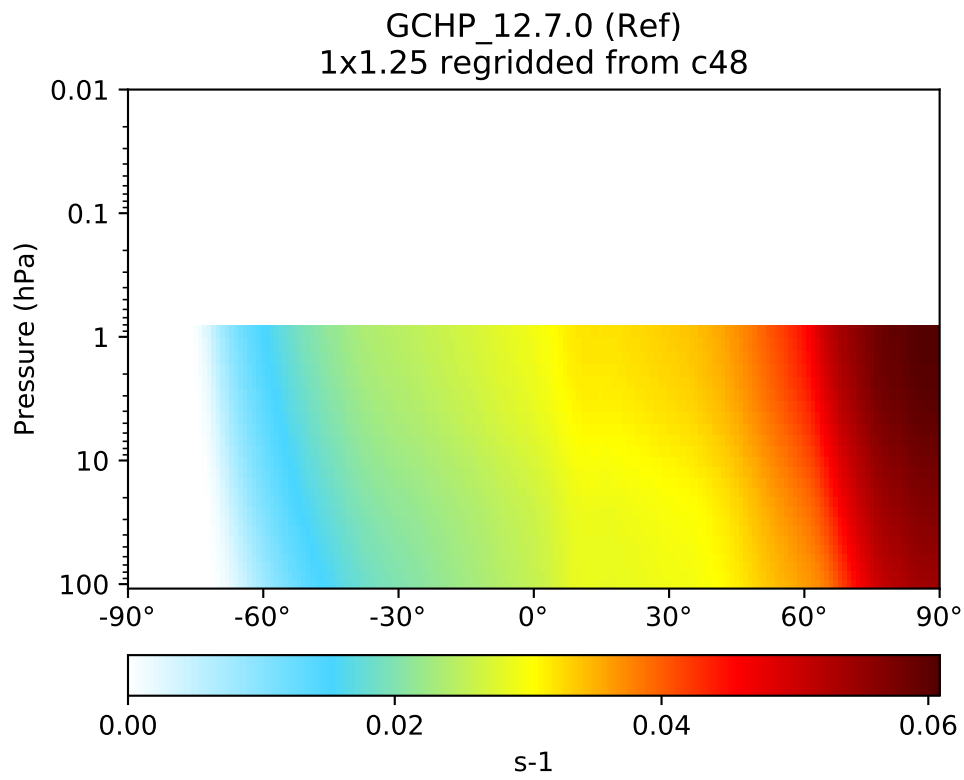
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

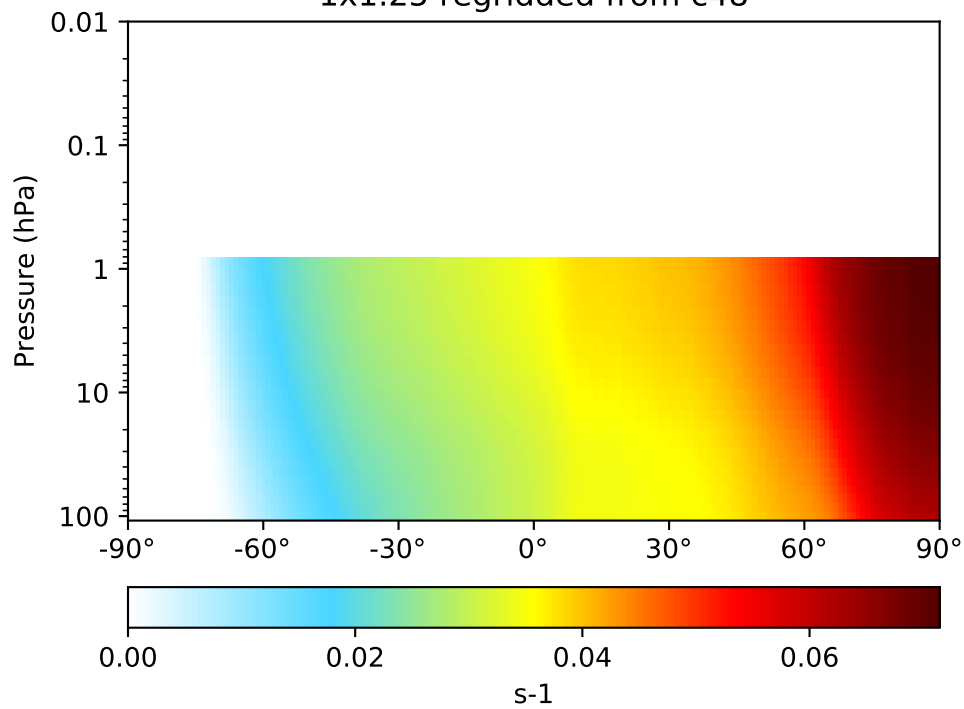


Jval_I203, Zonal Mean

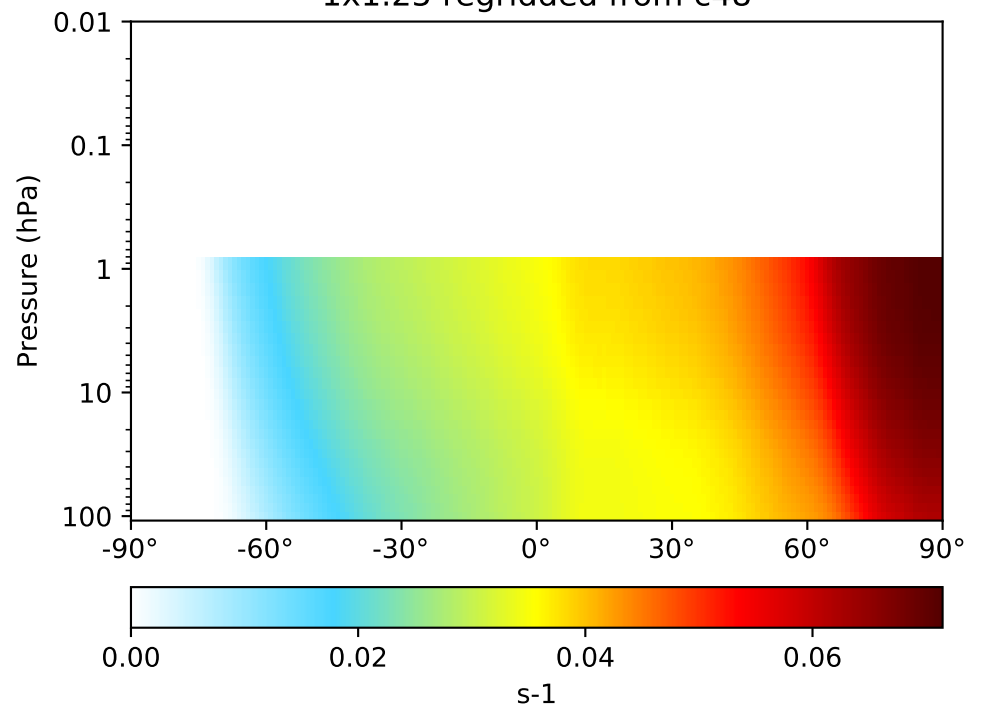


Jval_I204, Zonal Mean

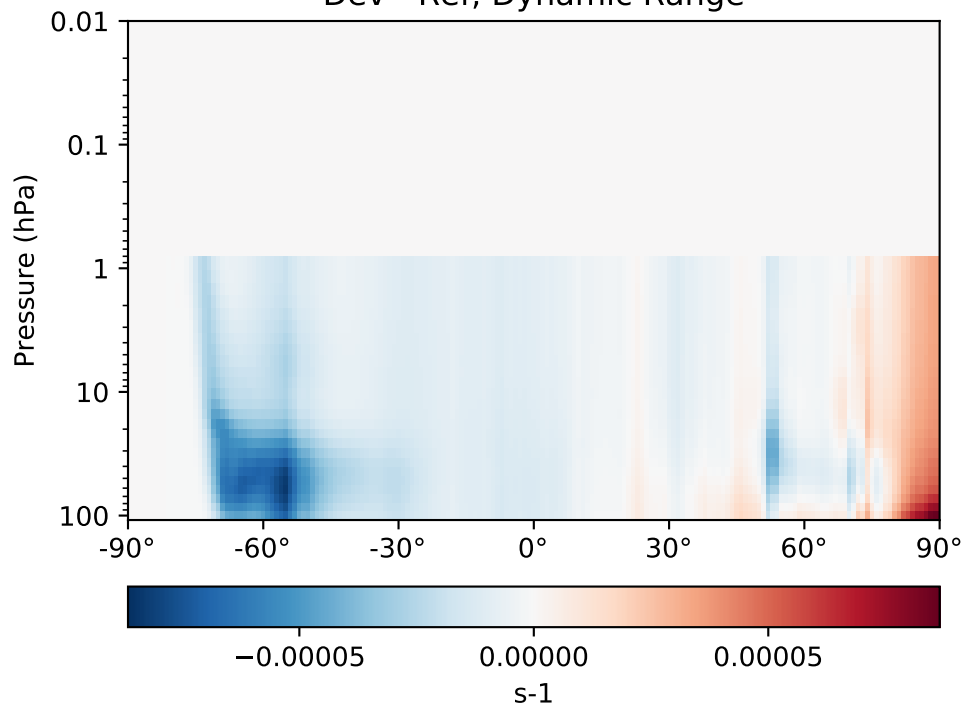
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



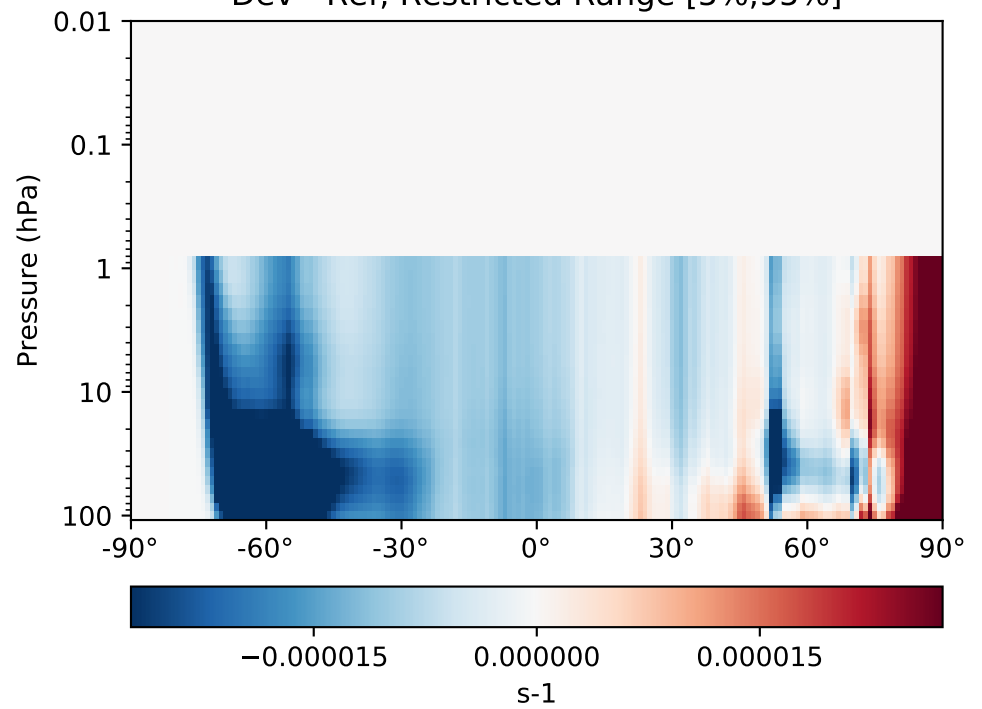
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



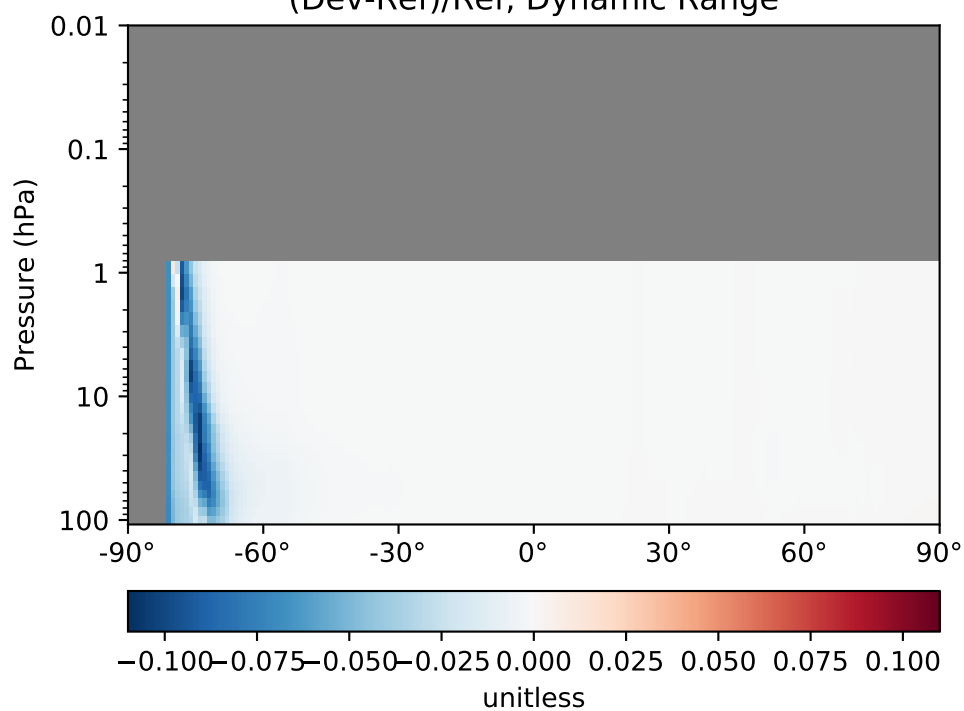
Difference (1x1.25)
Dev - Ref, Dynamic Range



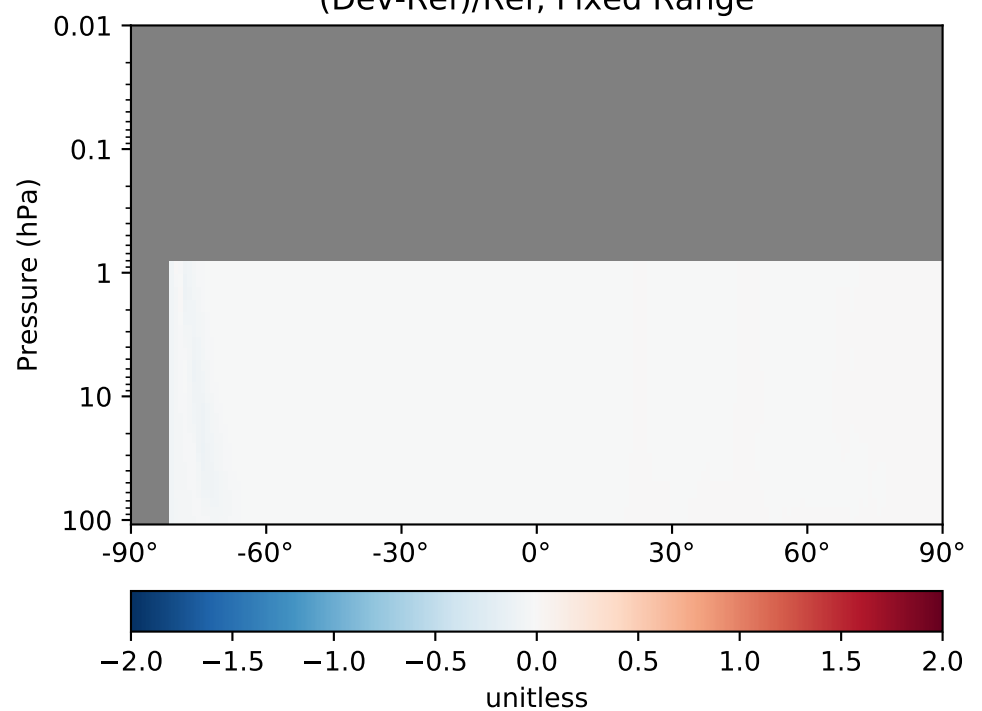
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



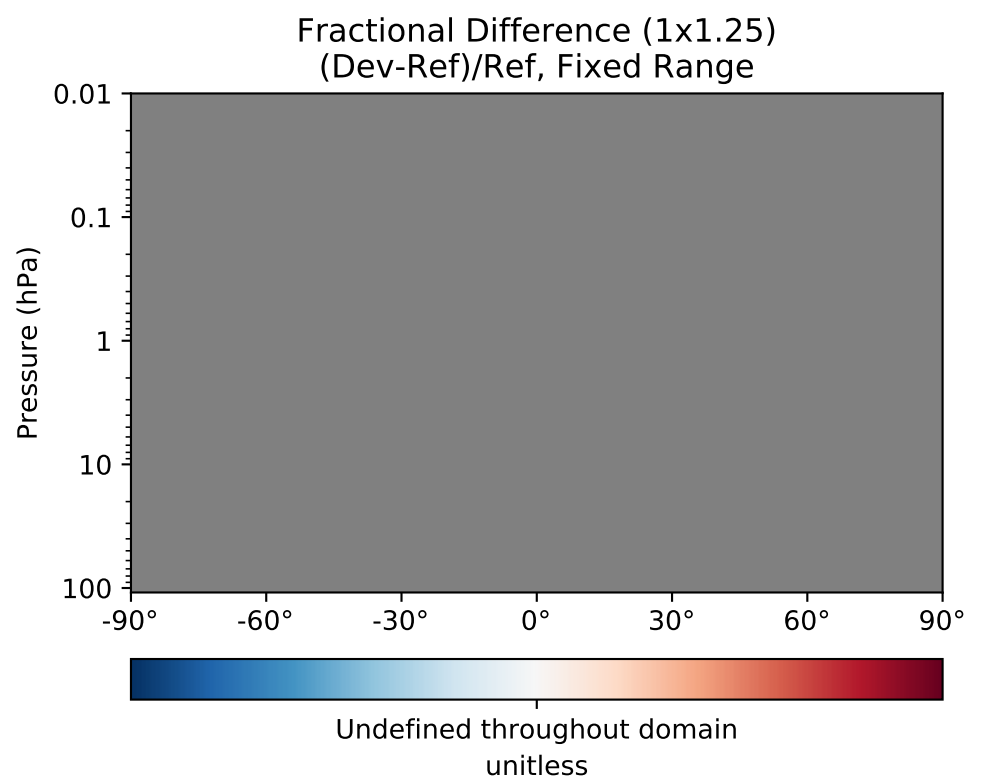
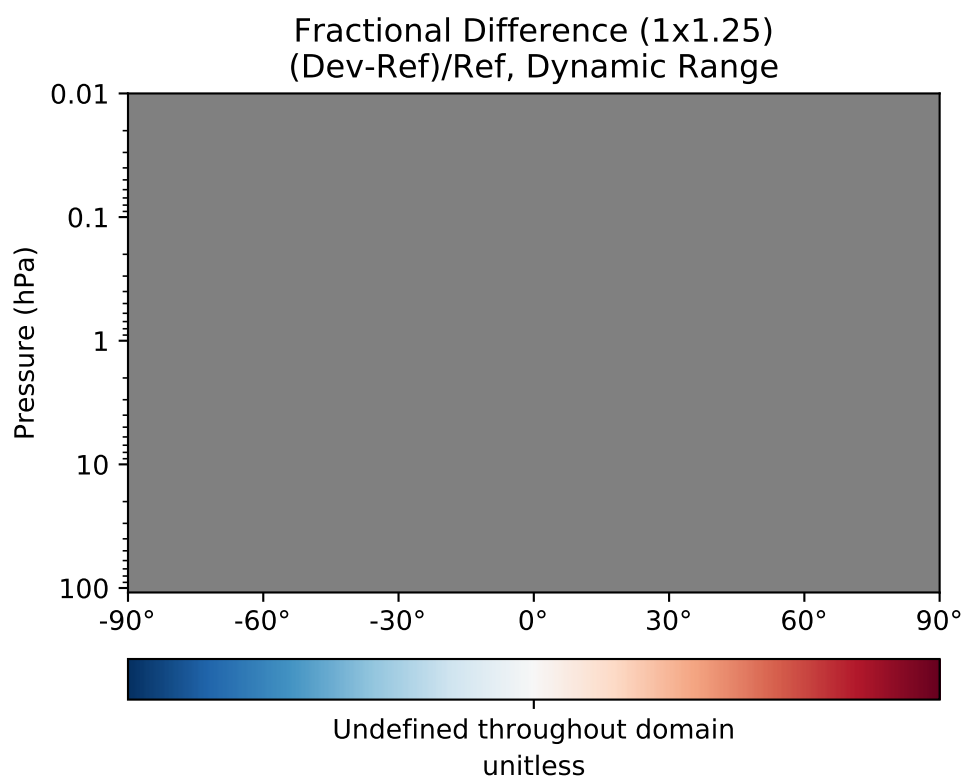
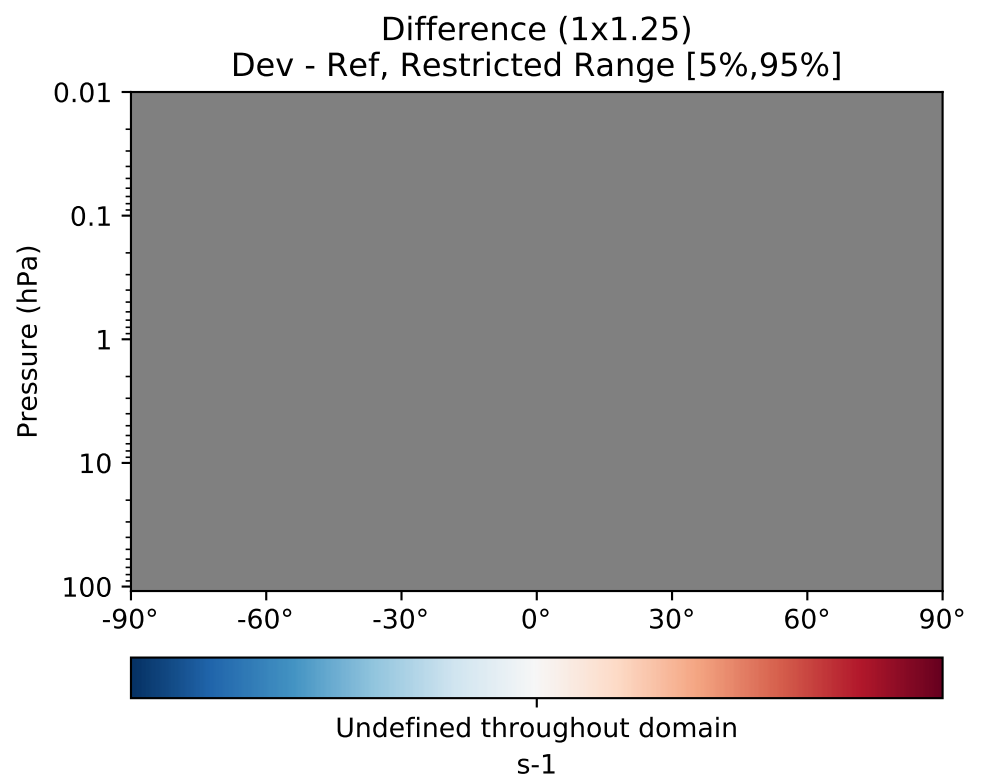
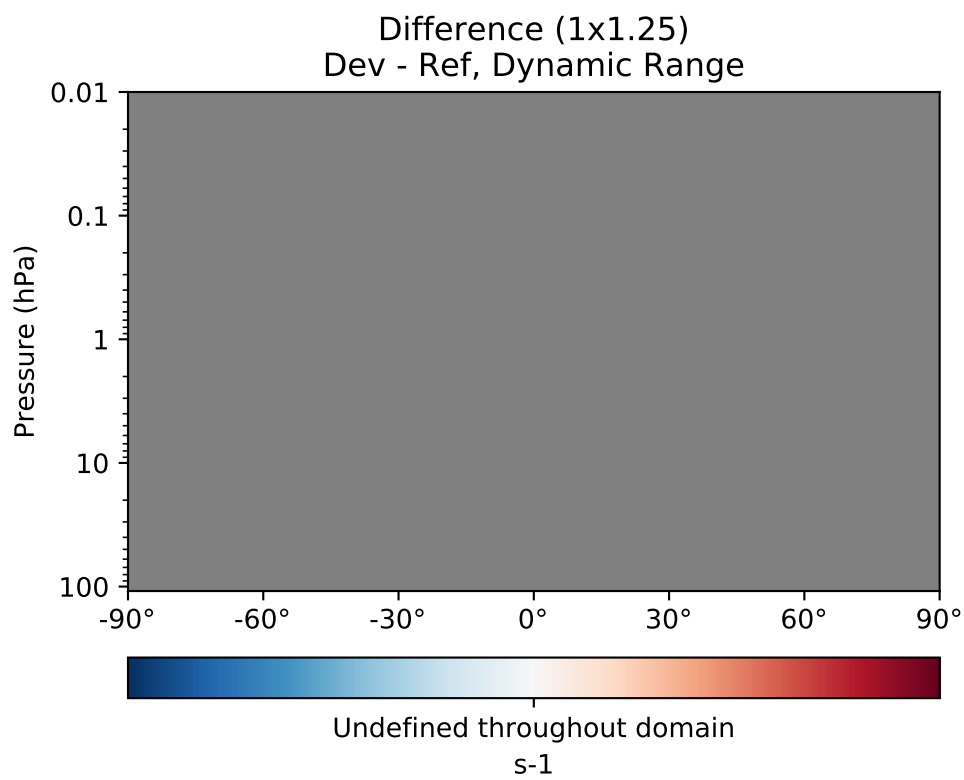
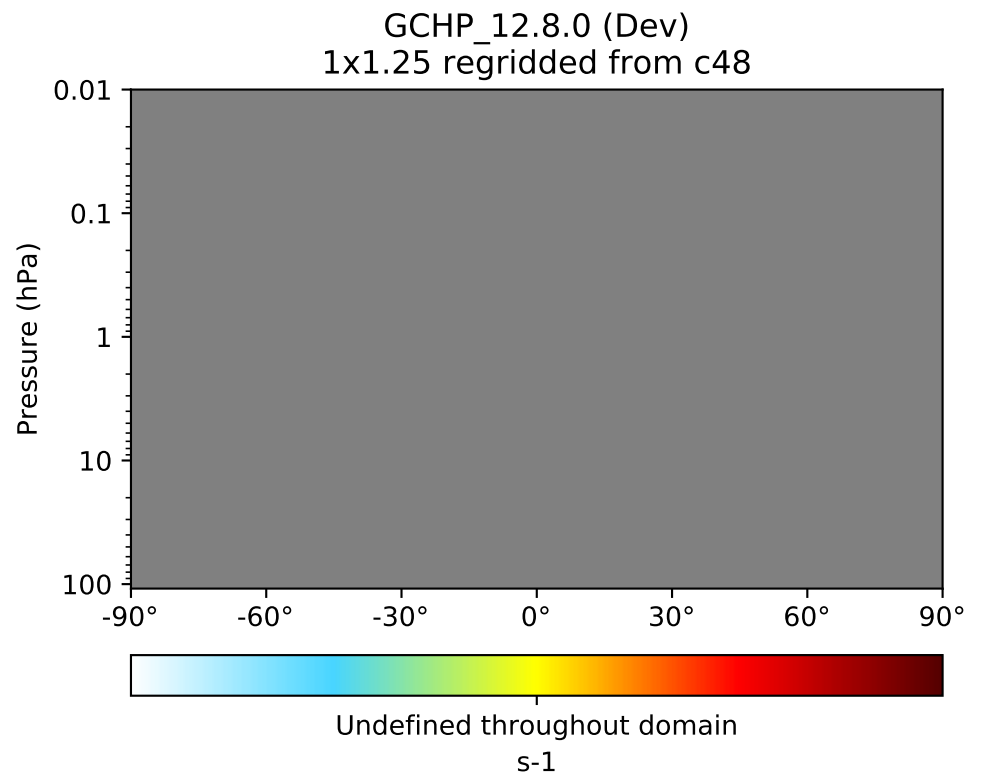
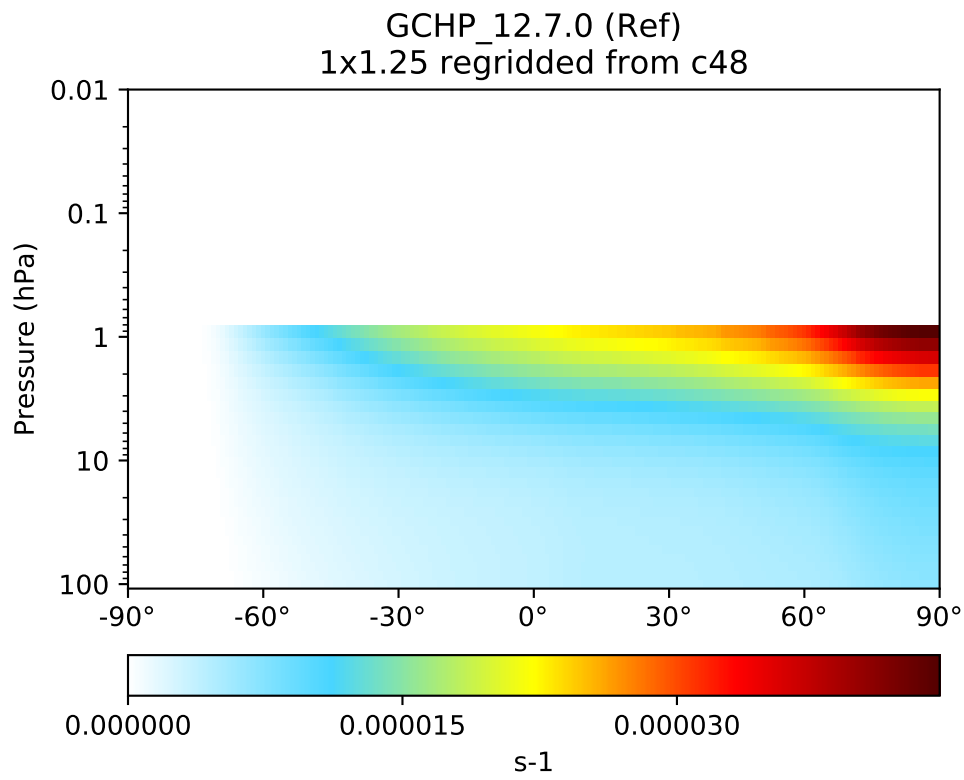
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



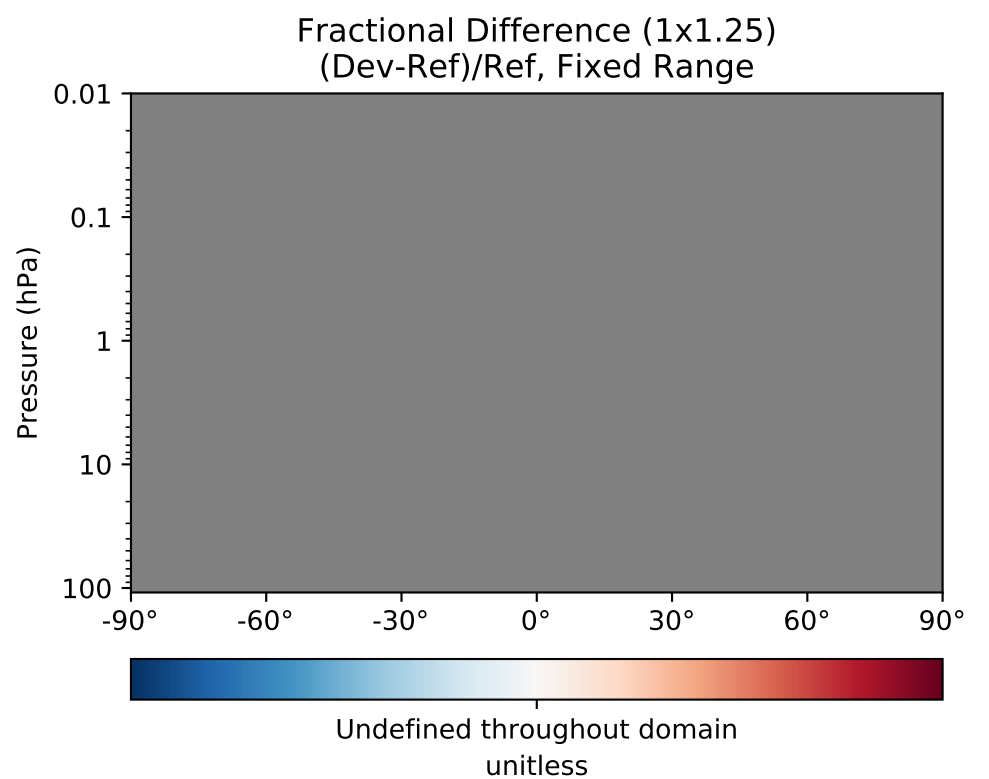
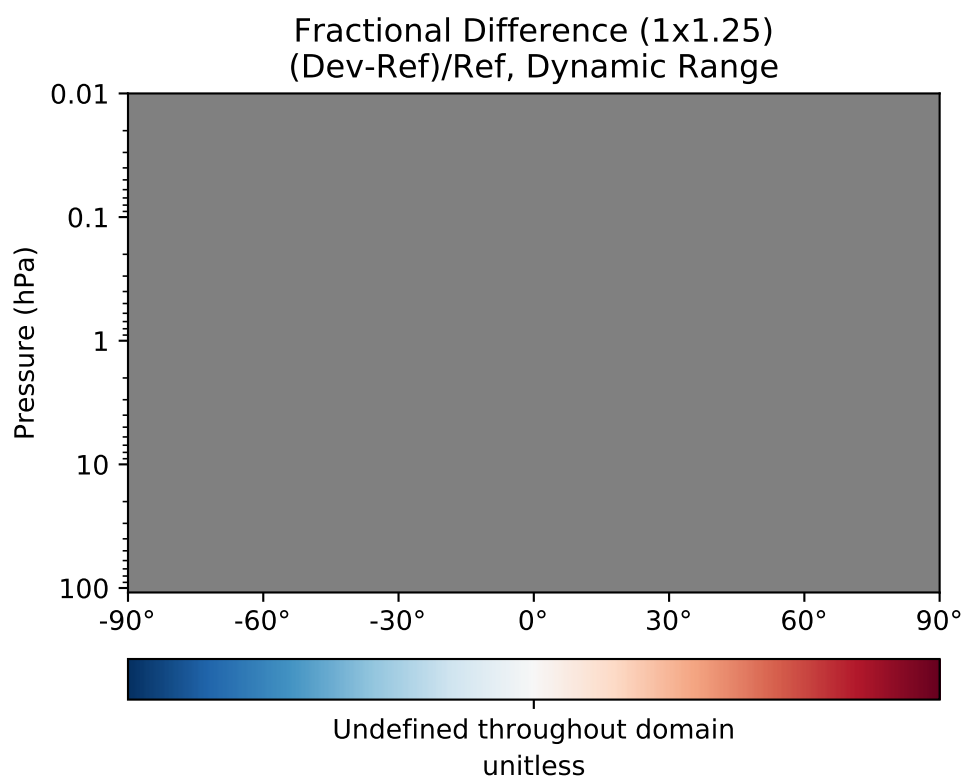
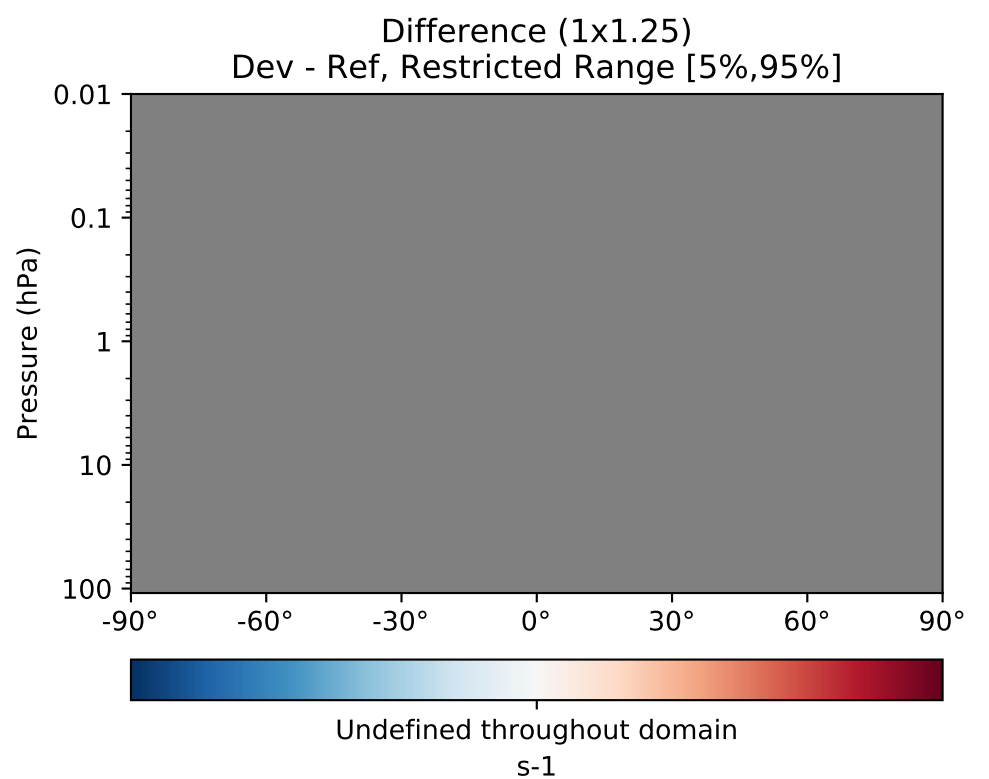
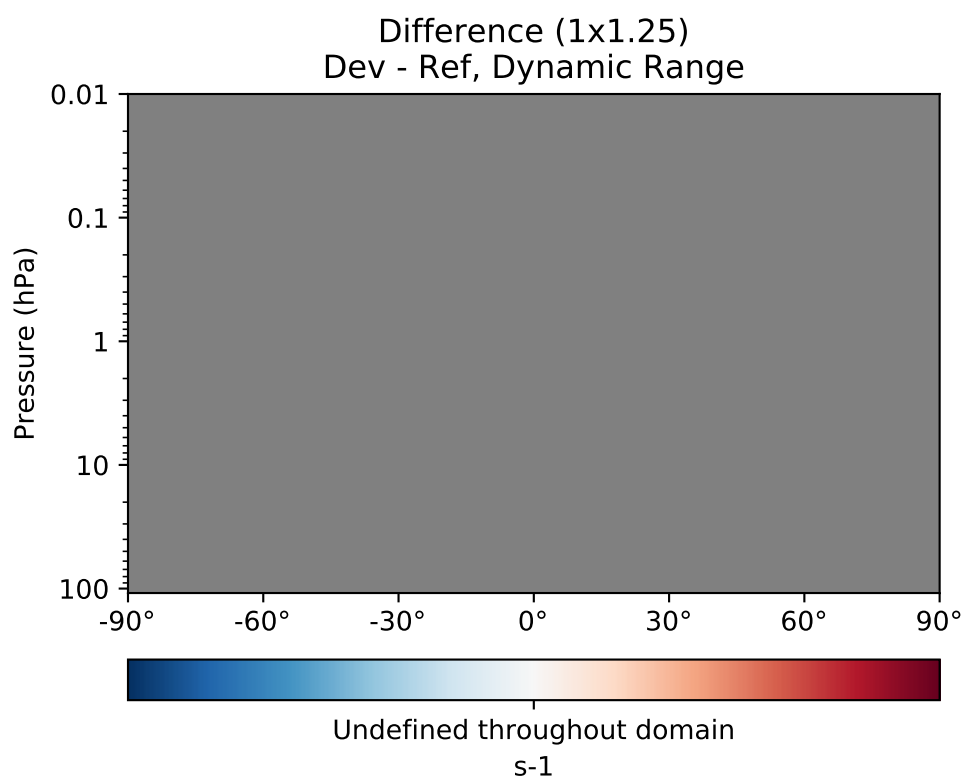
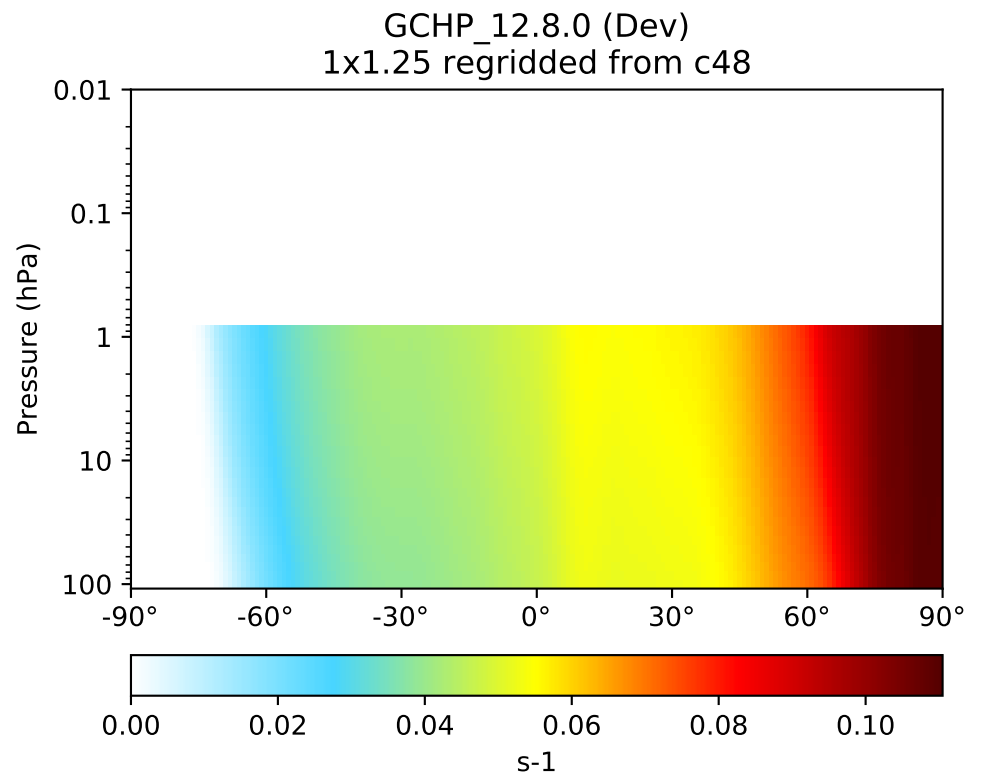
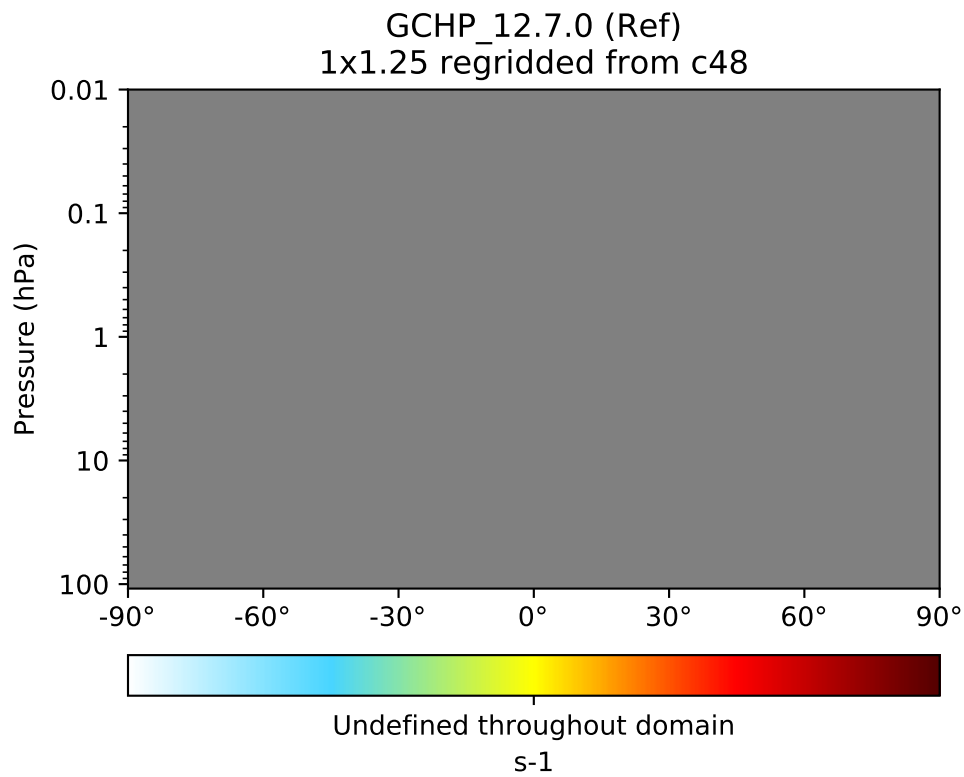
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



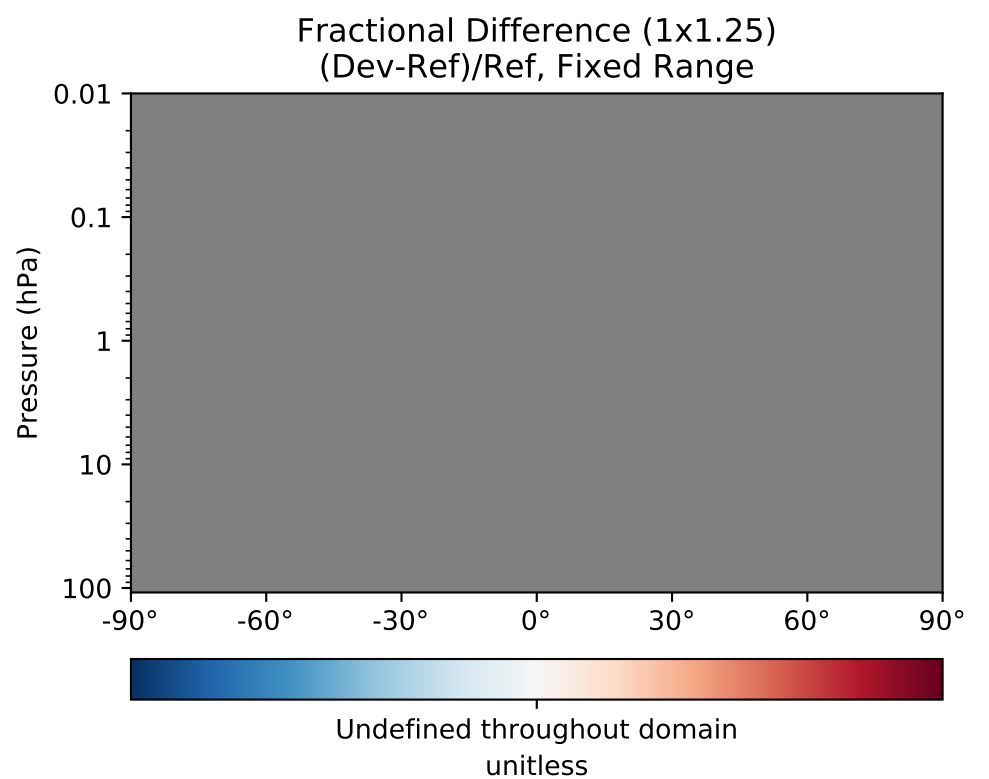
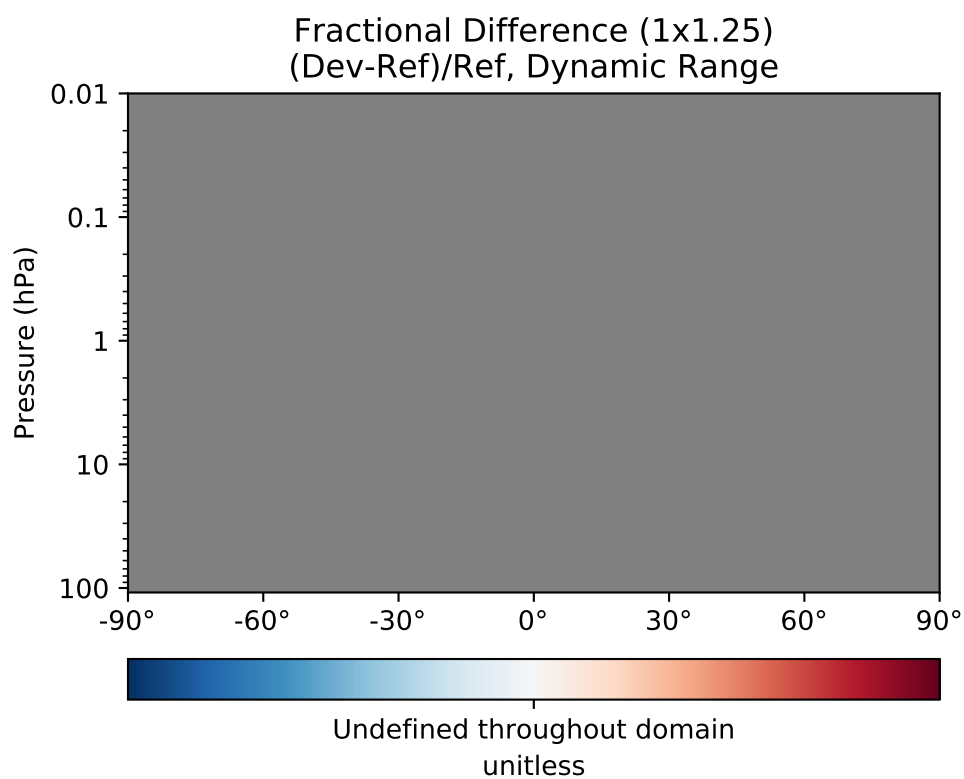
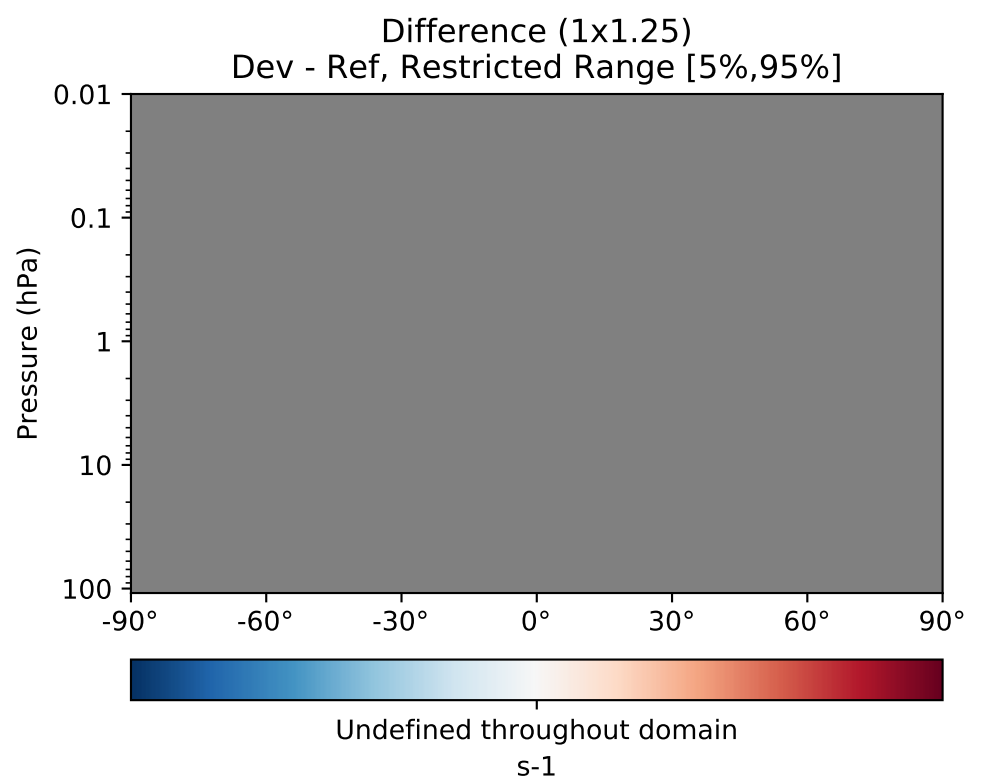
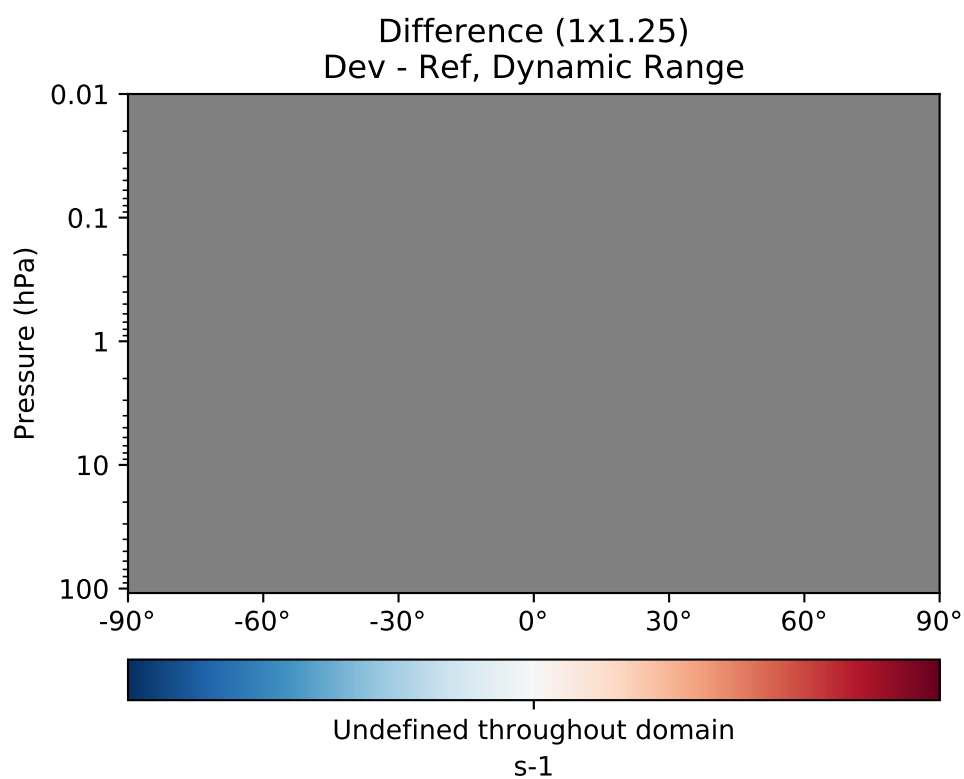
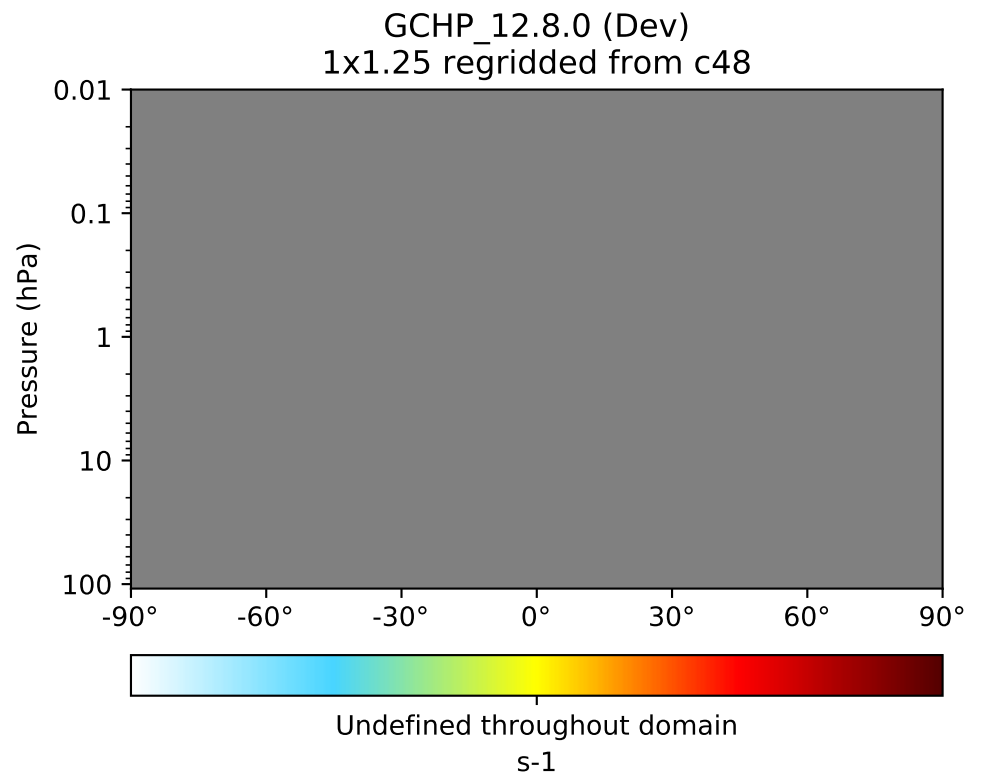
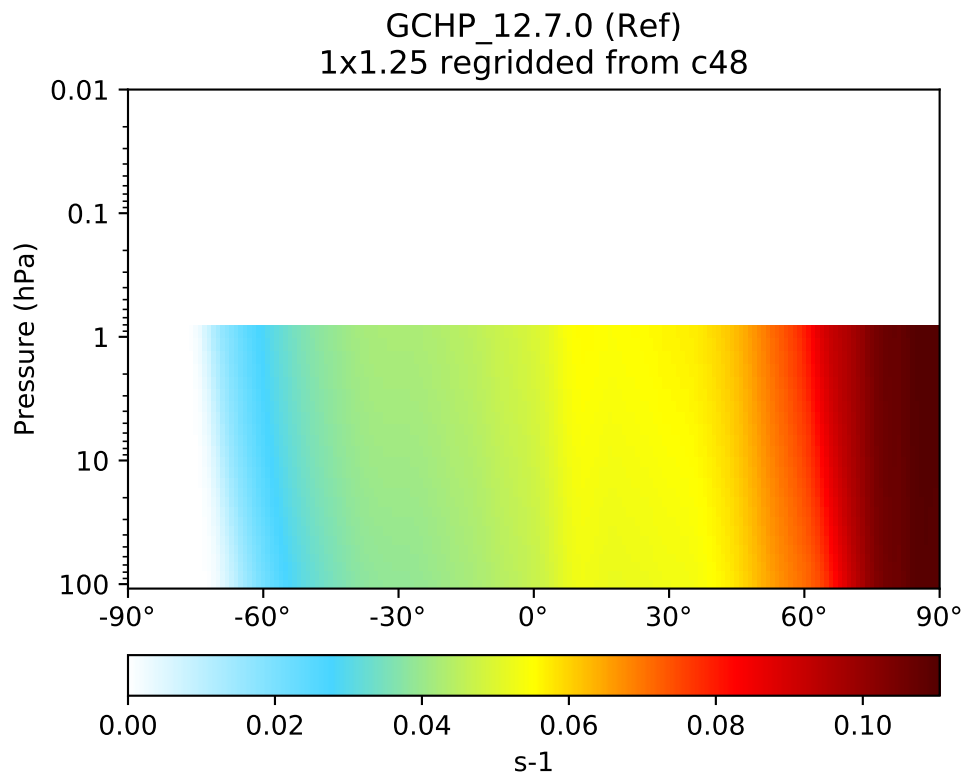
Jval_IAP, Zonal Mean



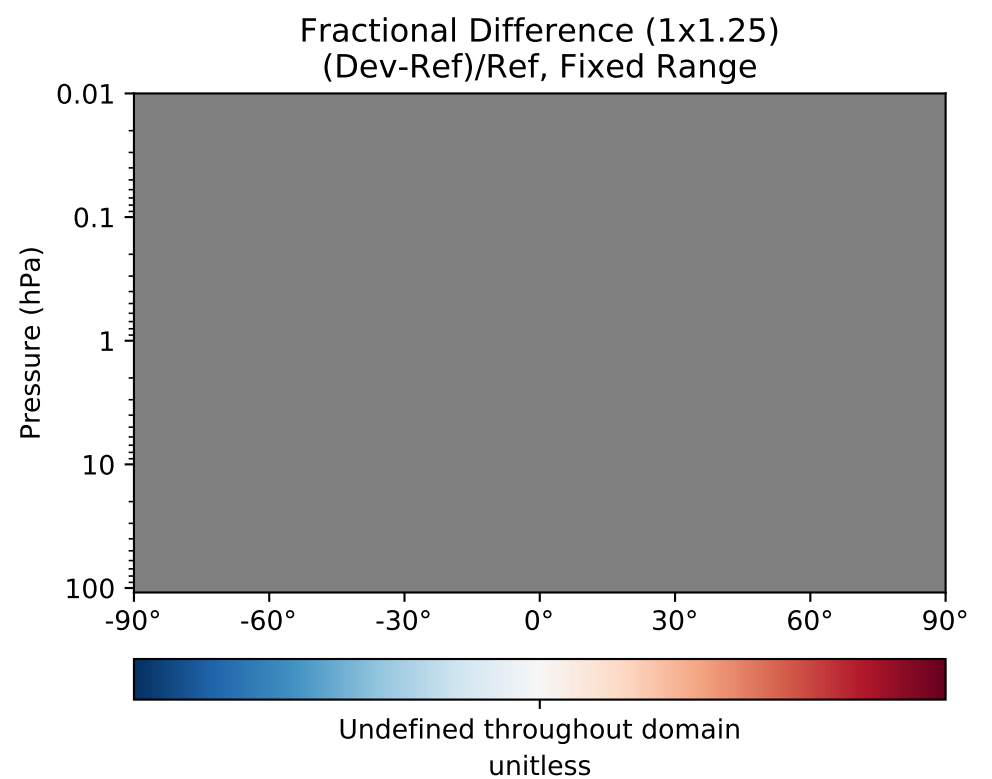
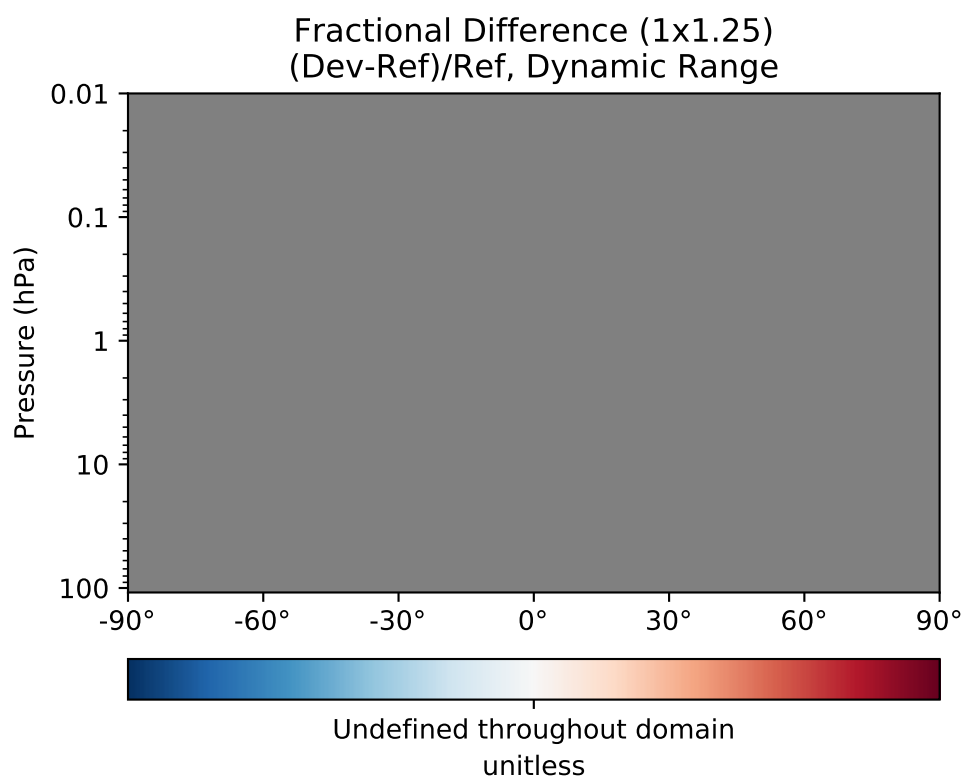
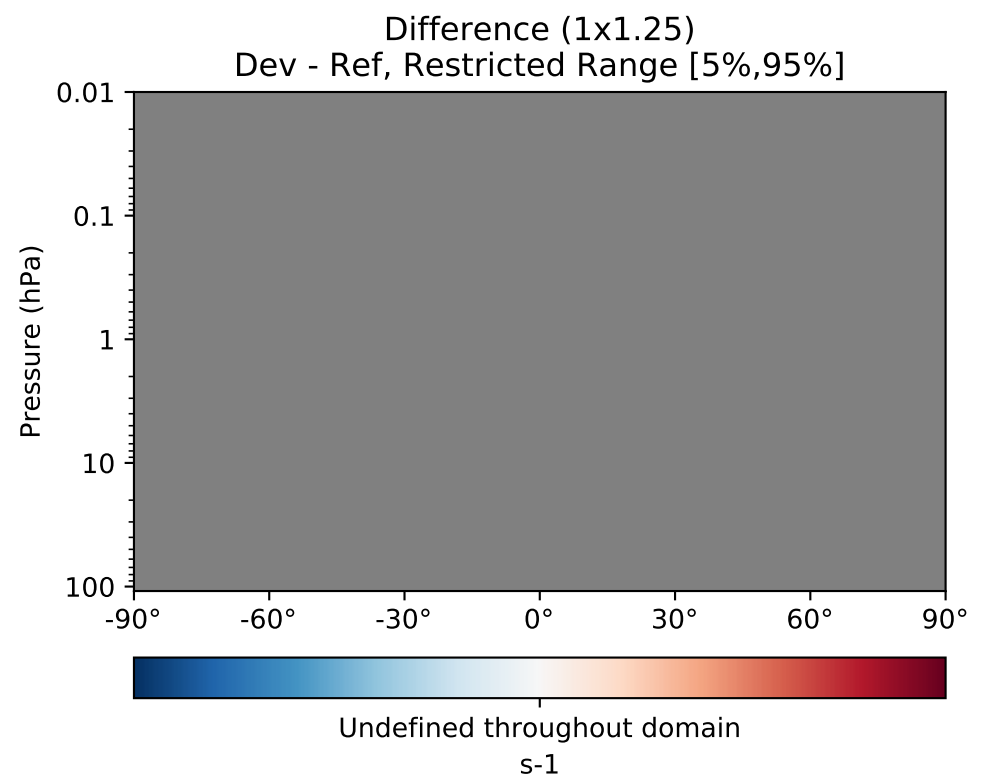
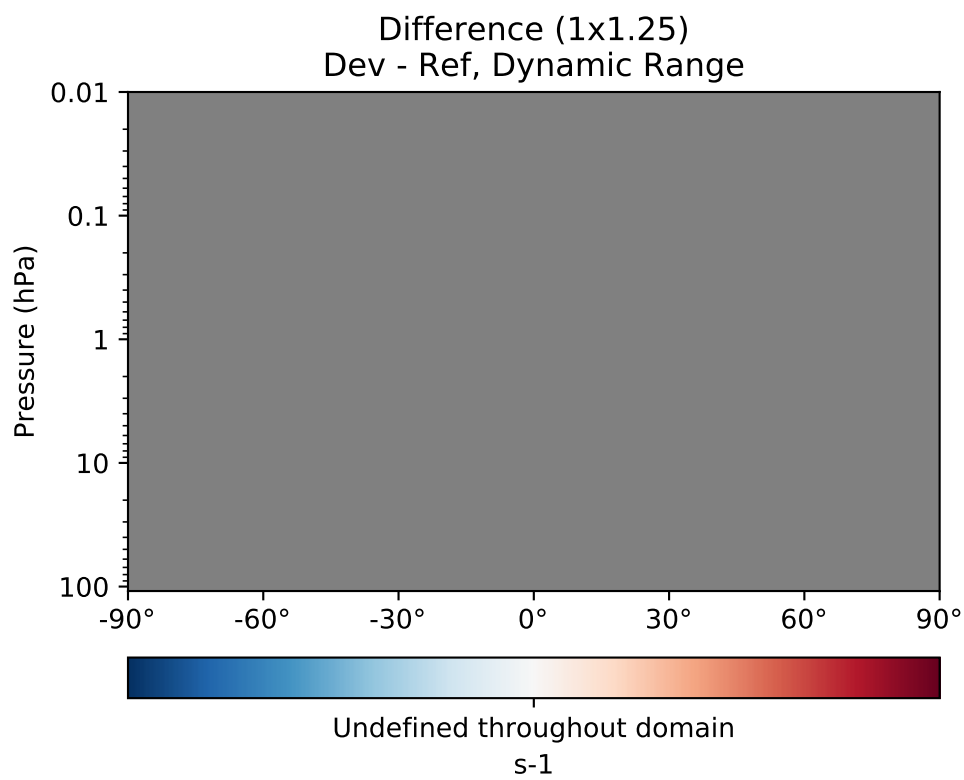
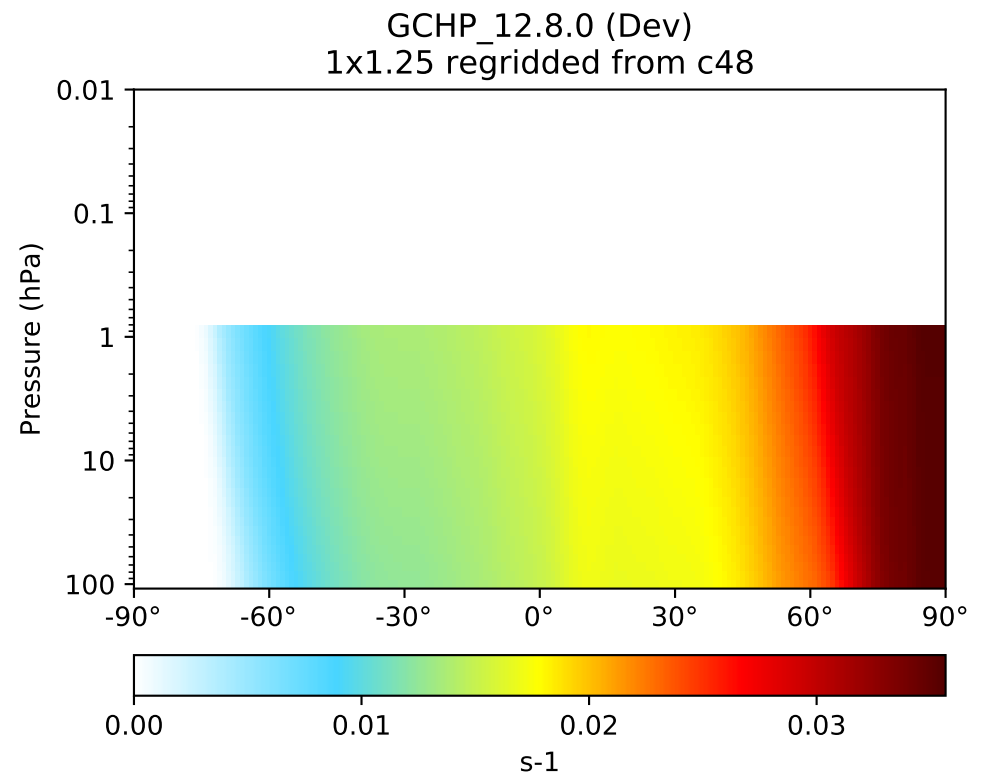
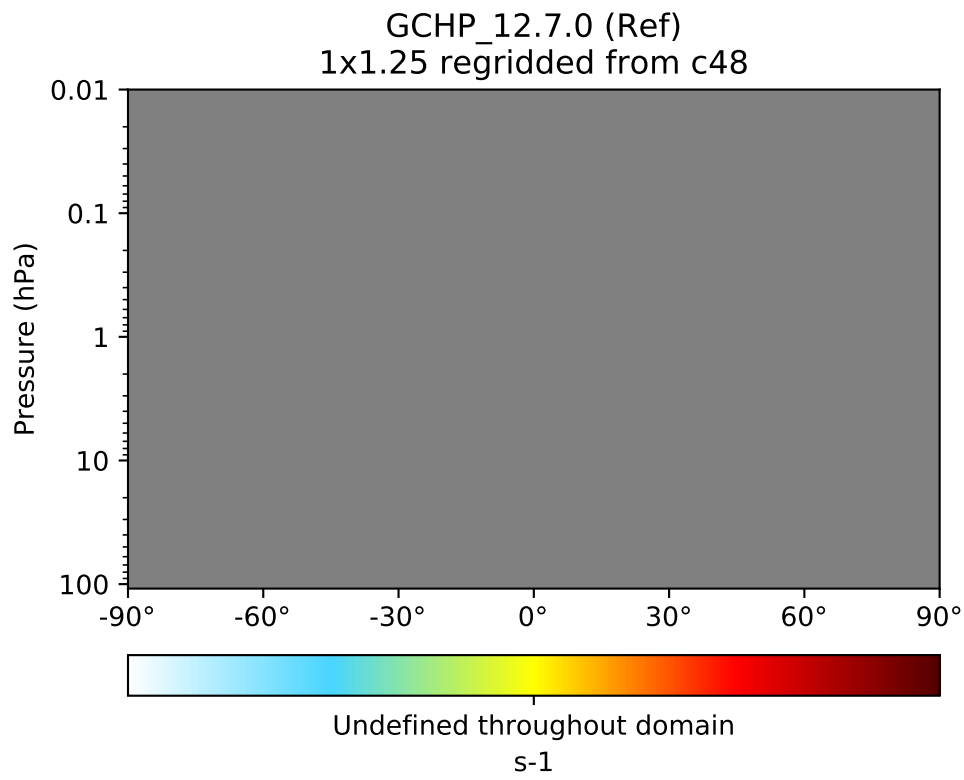
Jval_IBR, Zonal Mean



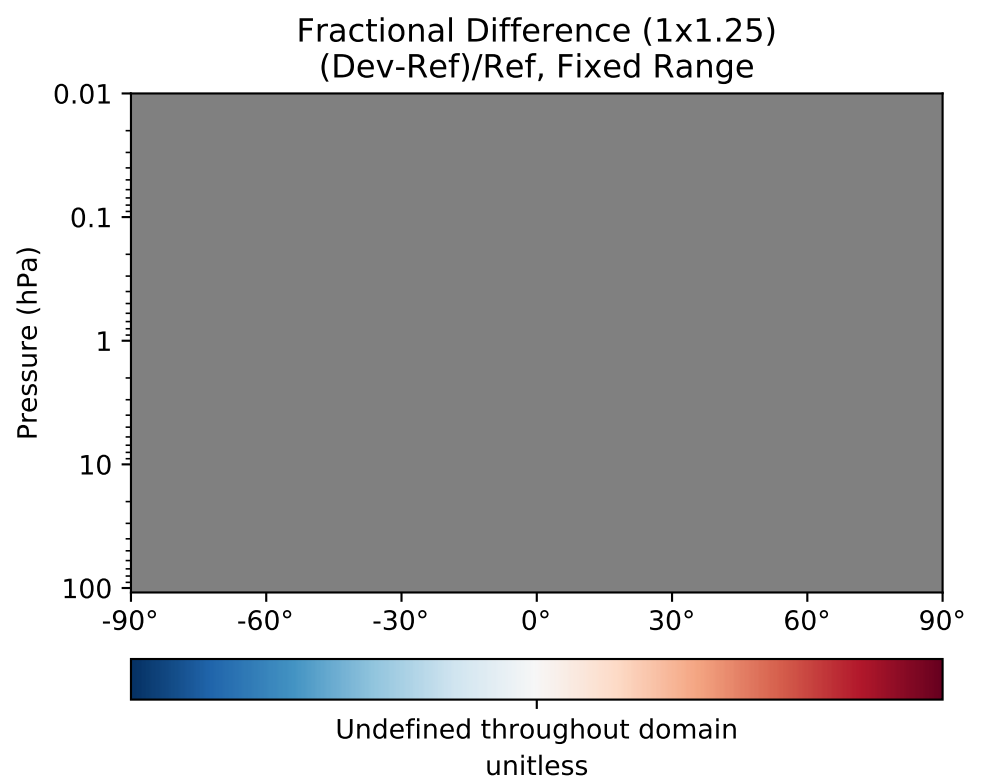
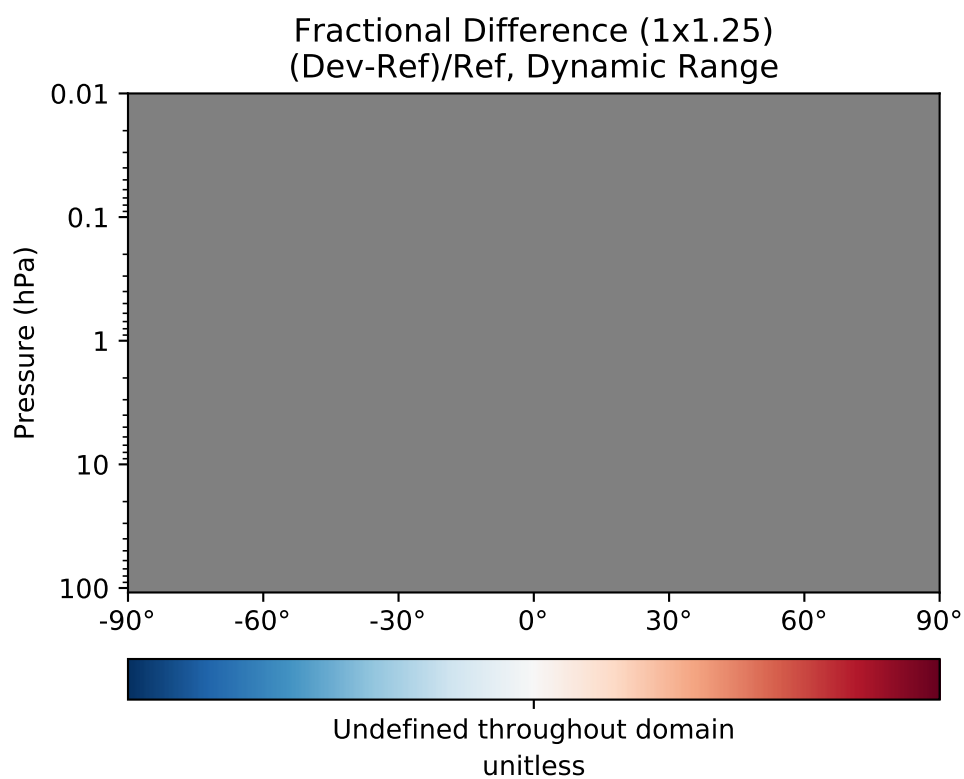
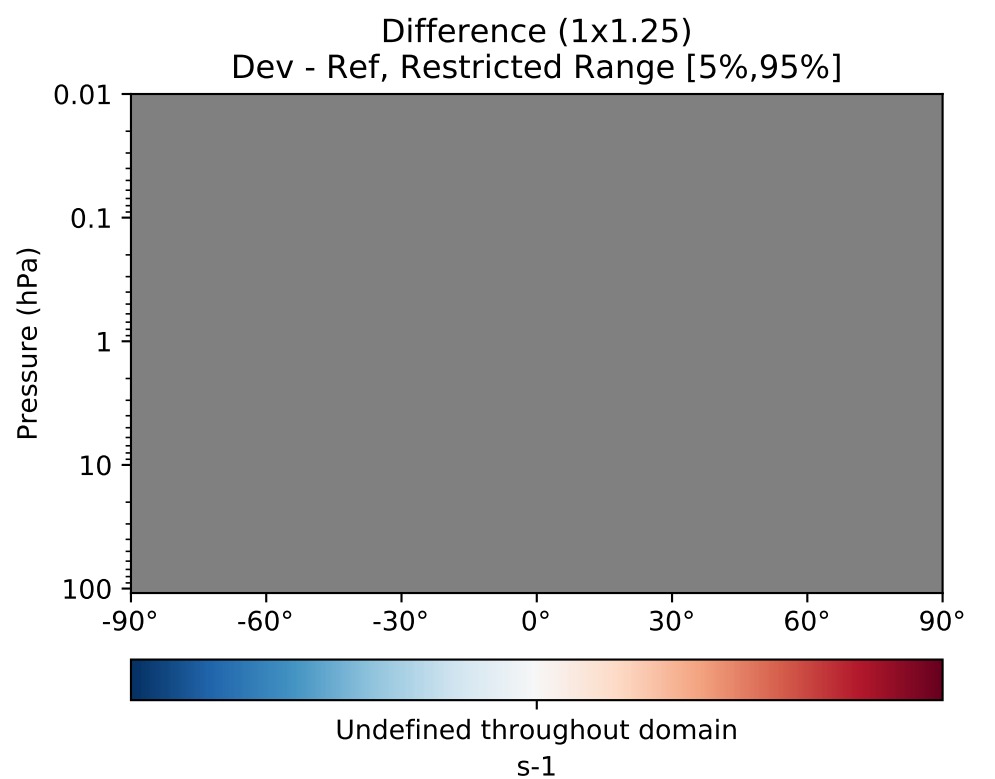
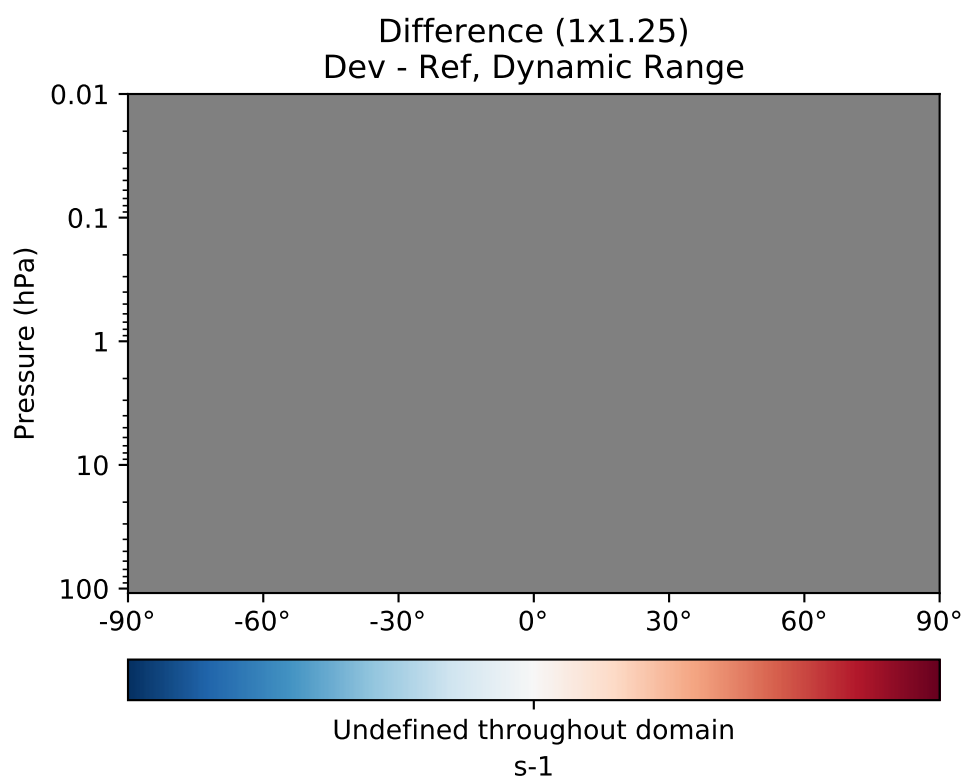
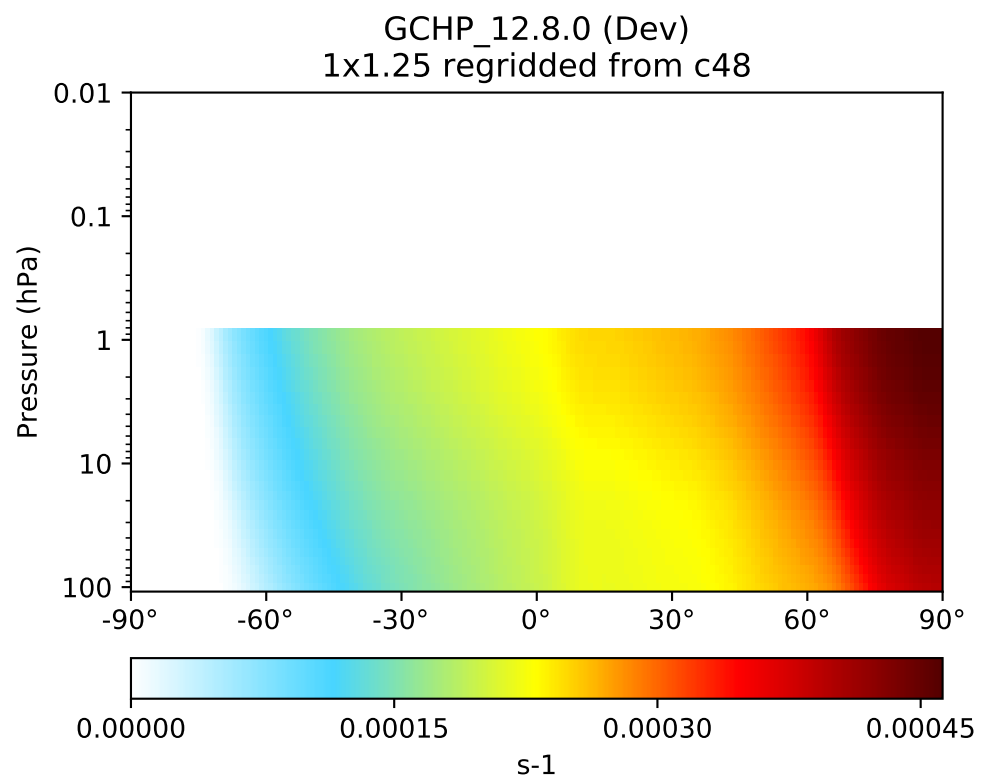
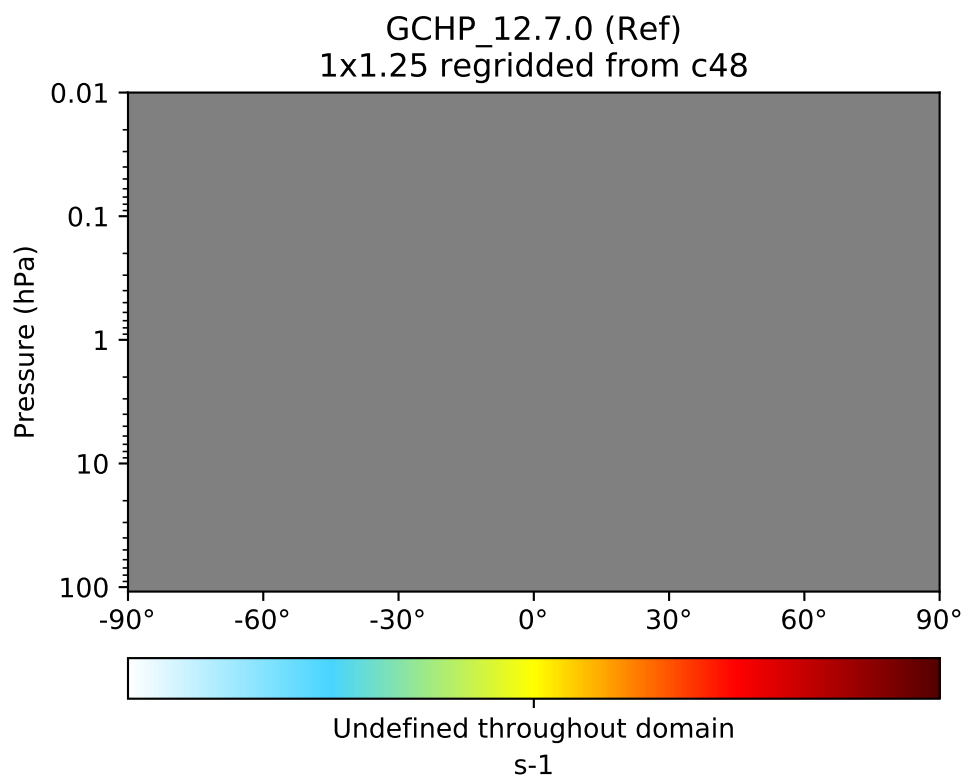
Jval_IBr, Zonal Mean



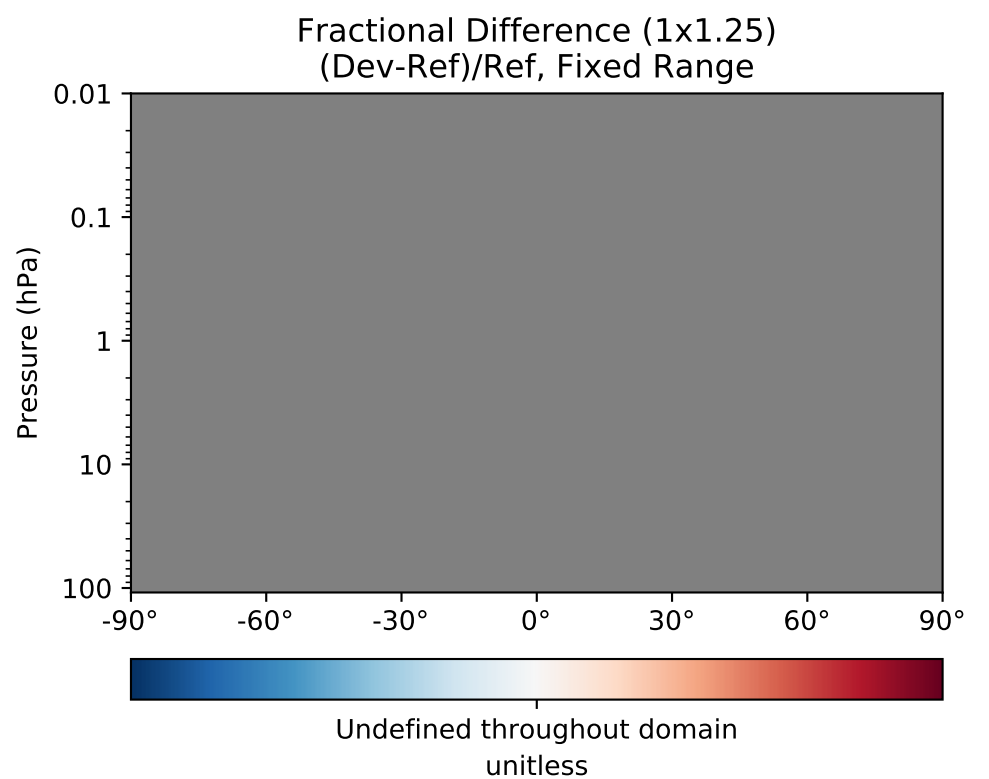
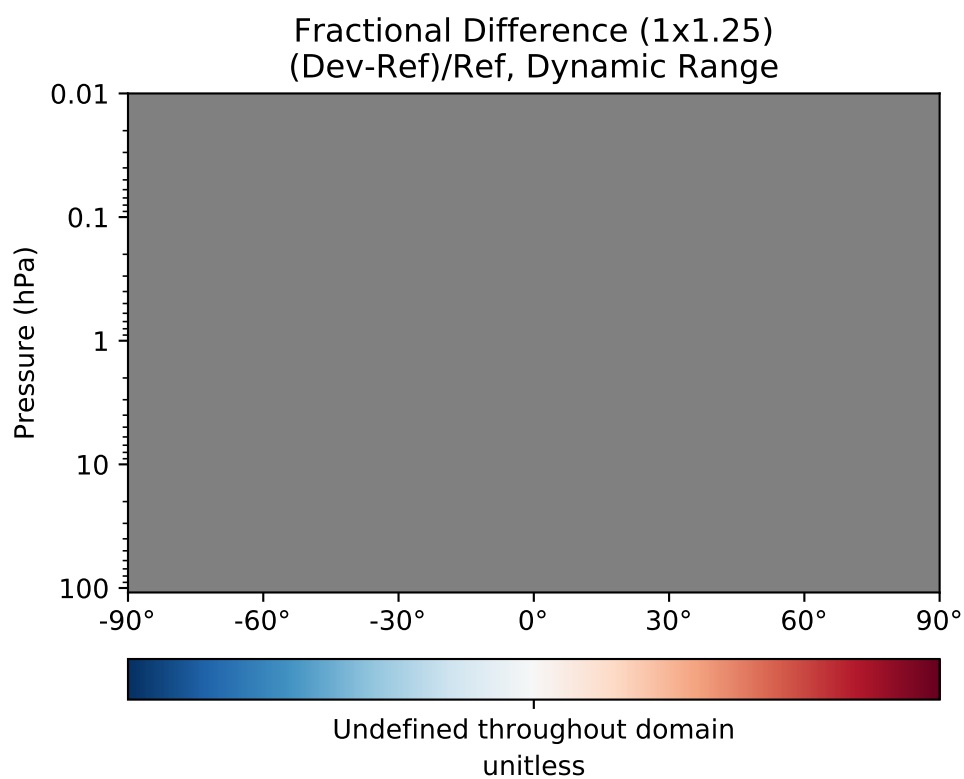
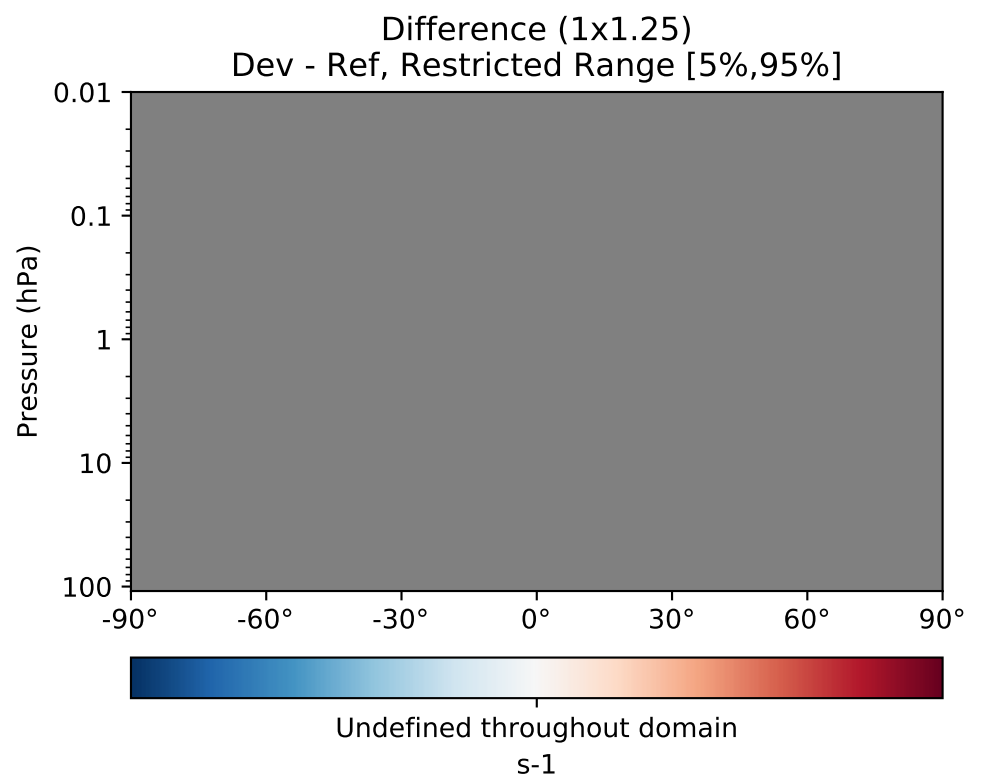
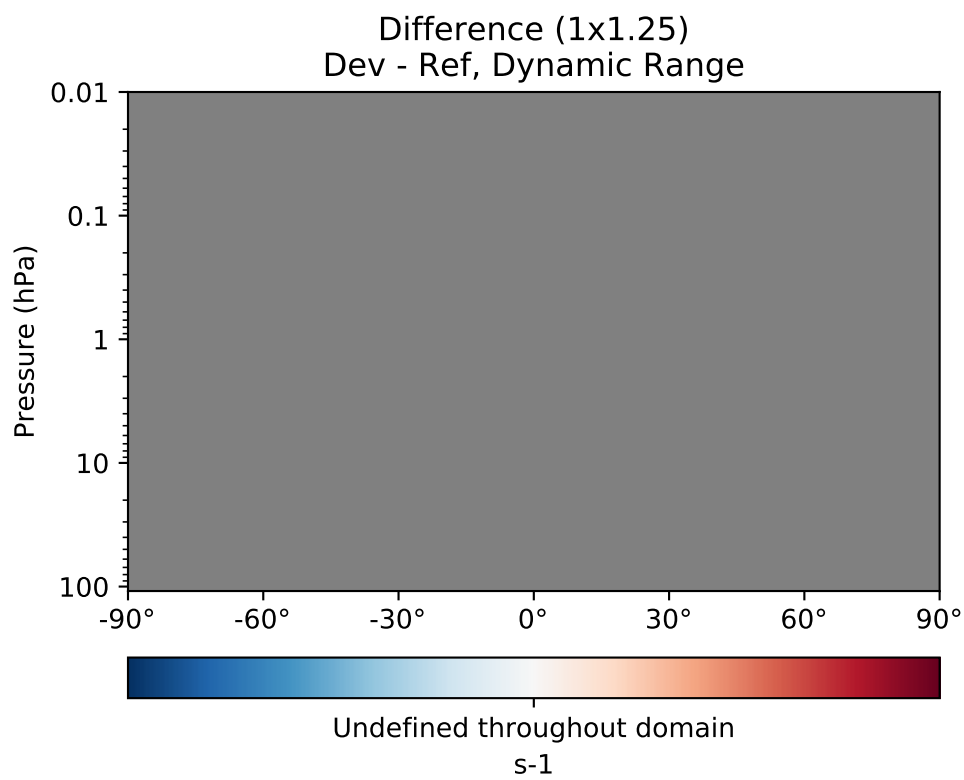
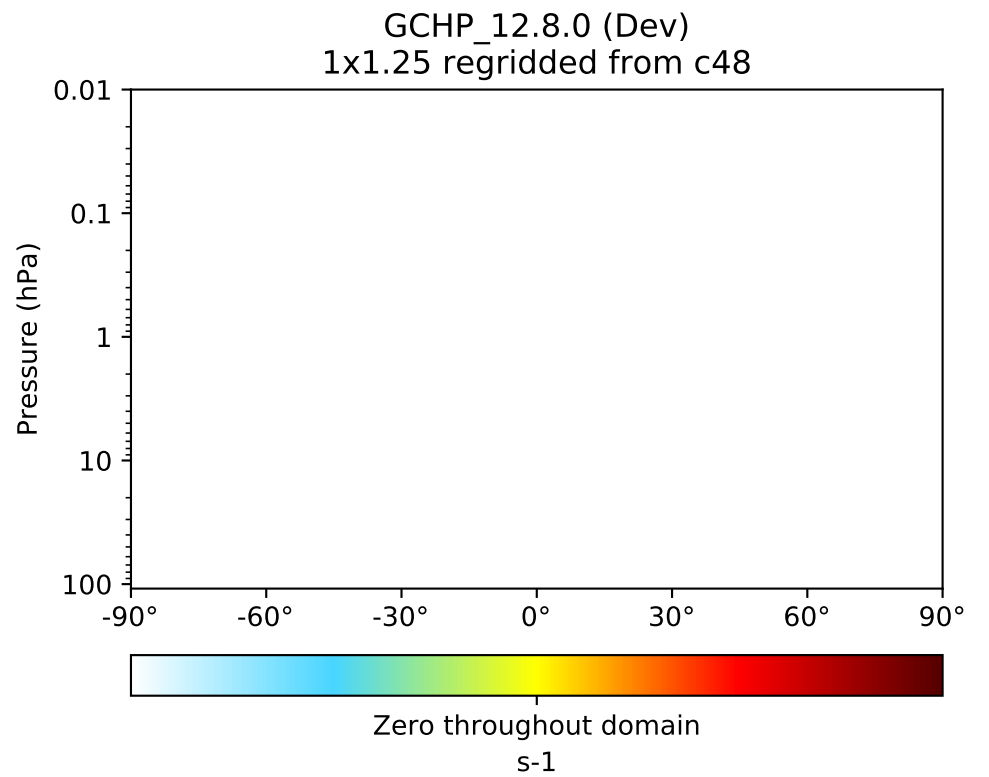
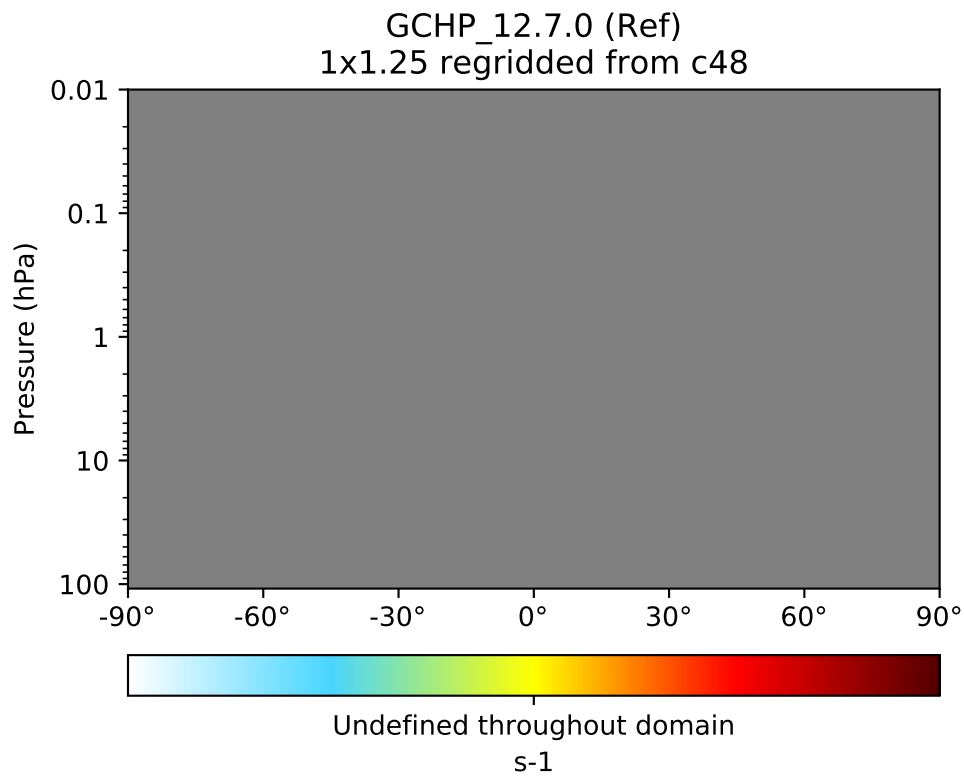
Jval_ICL, Zonal Mean



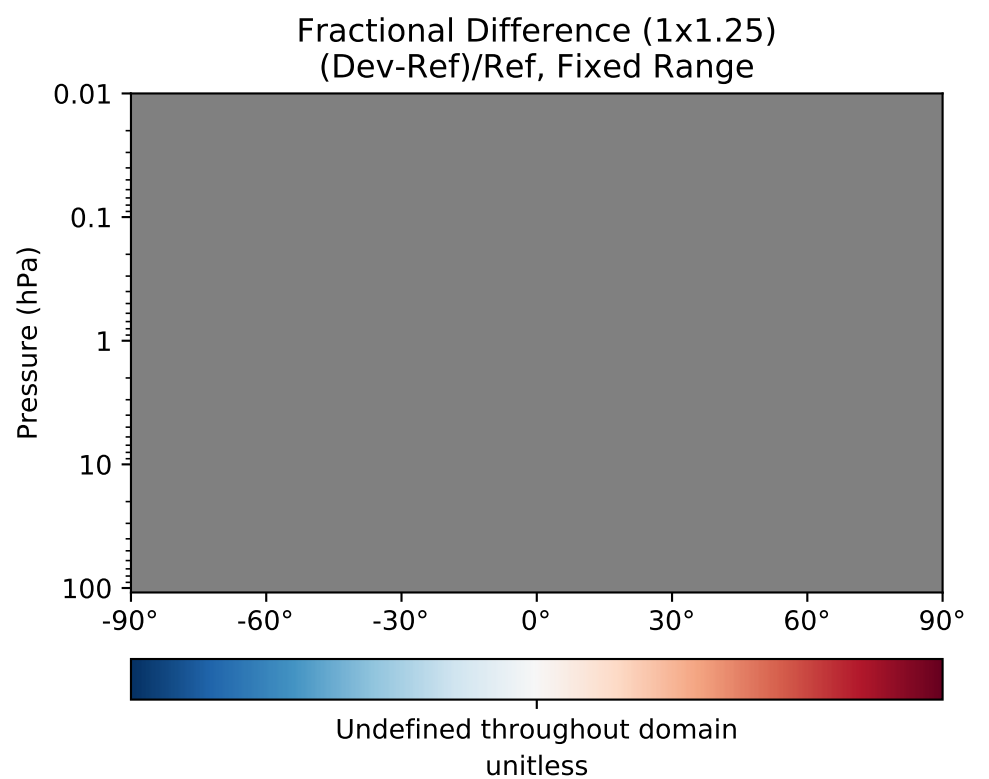
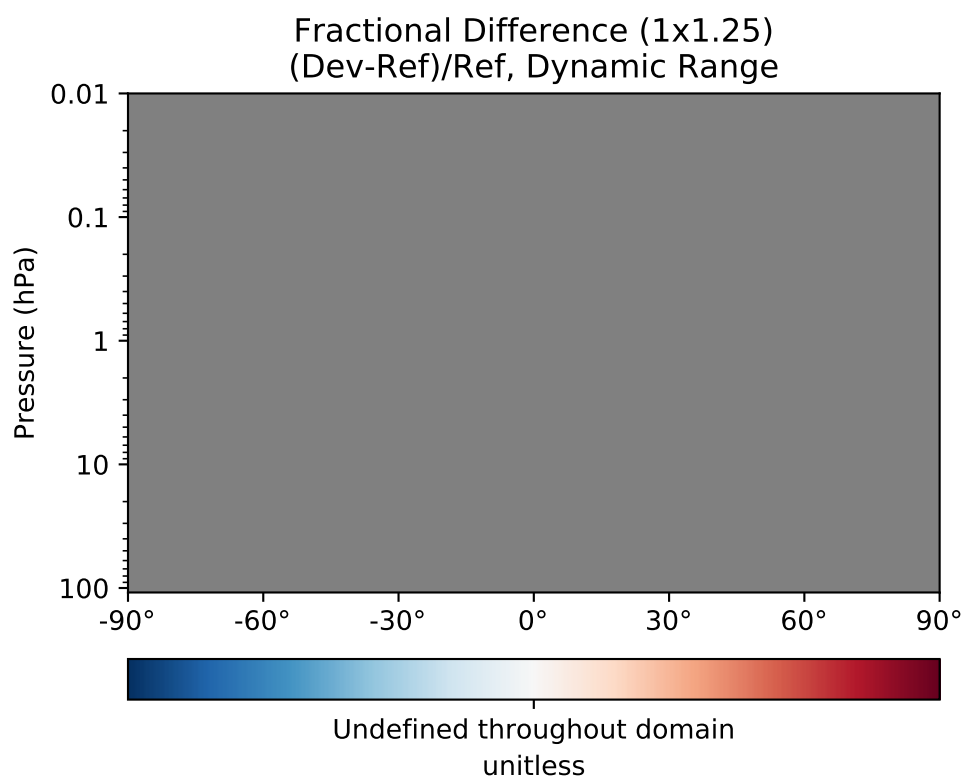
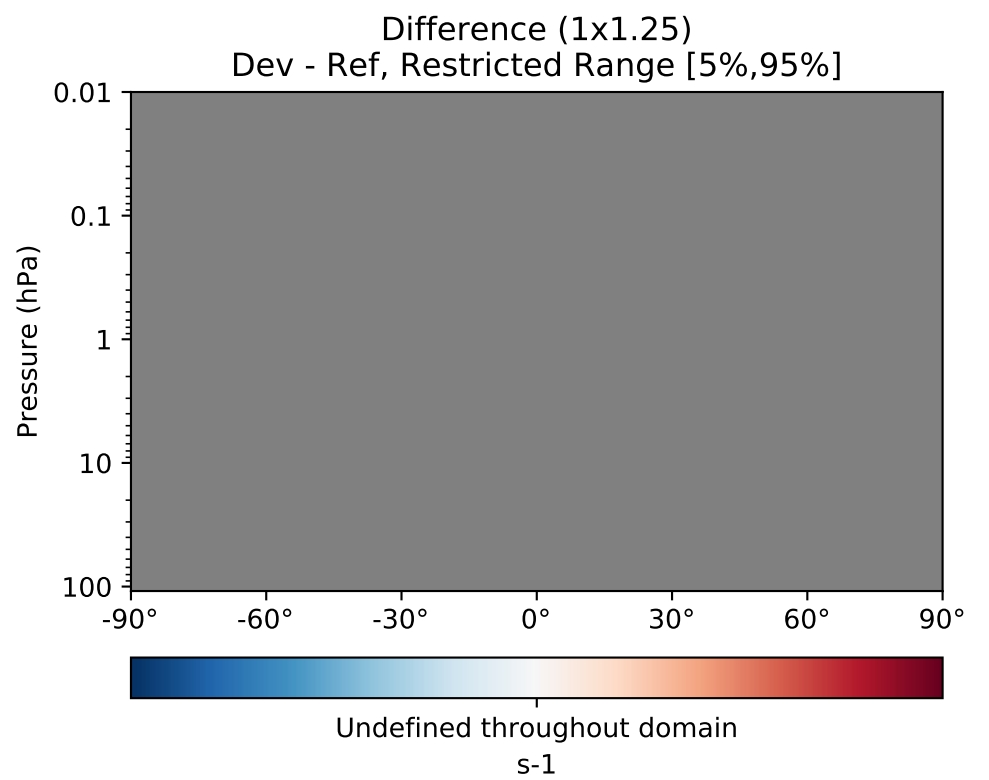
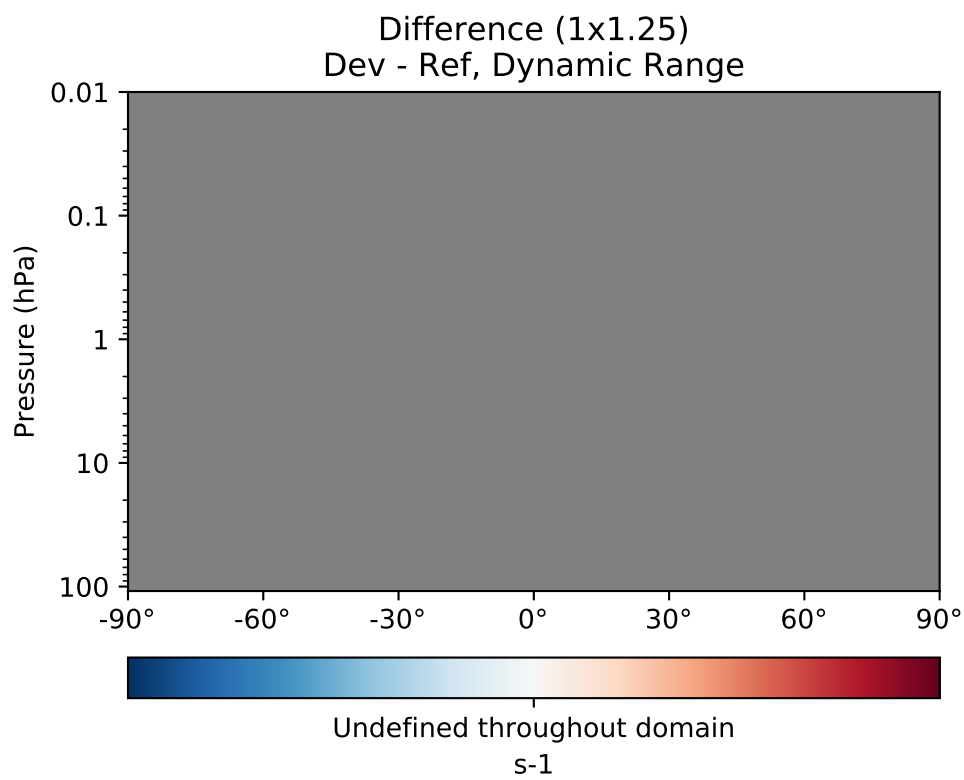
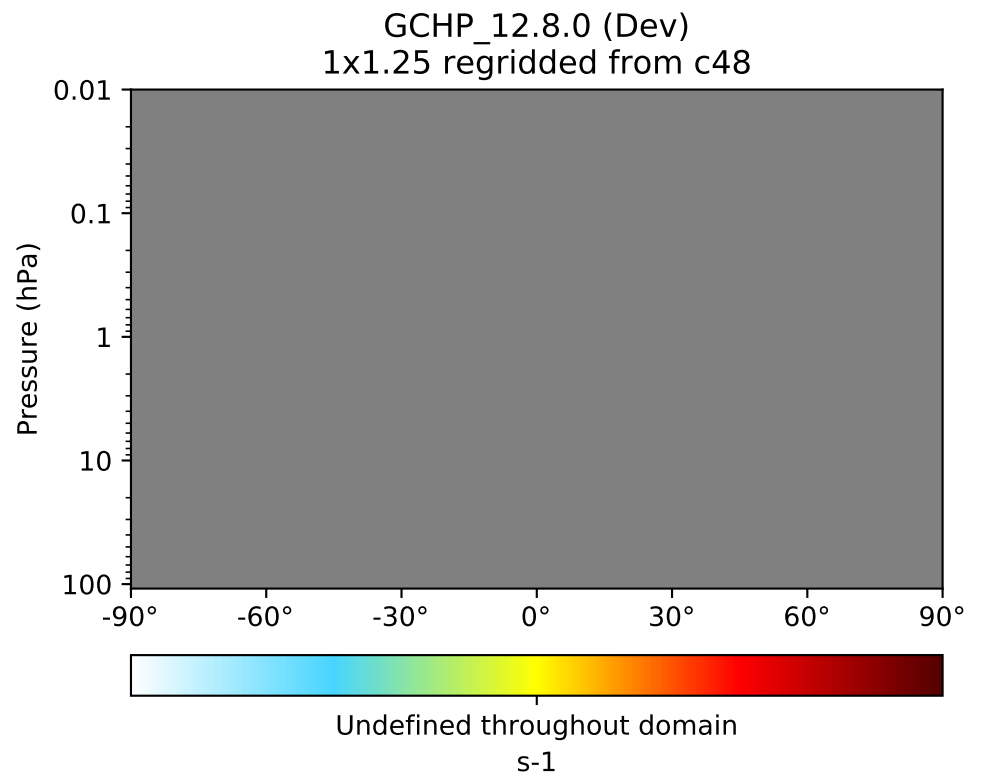
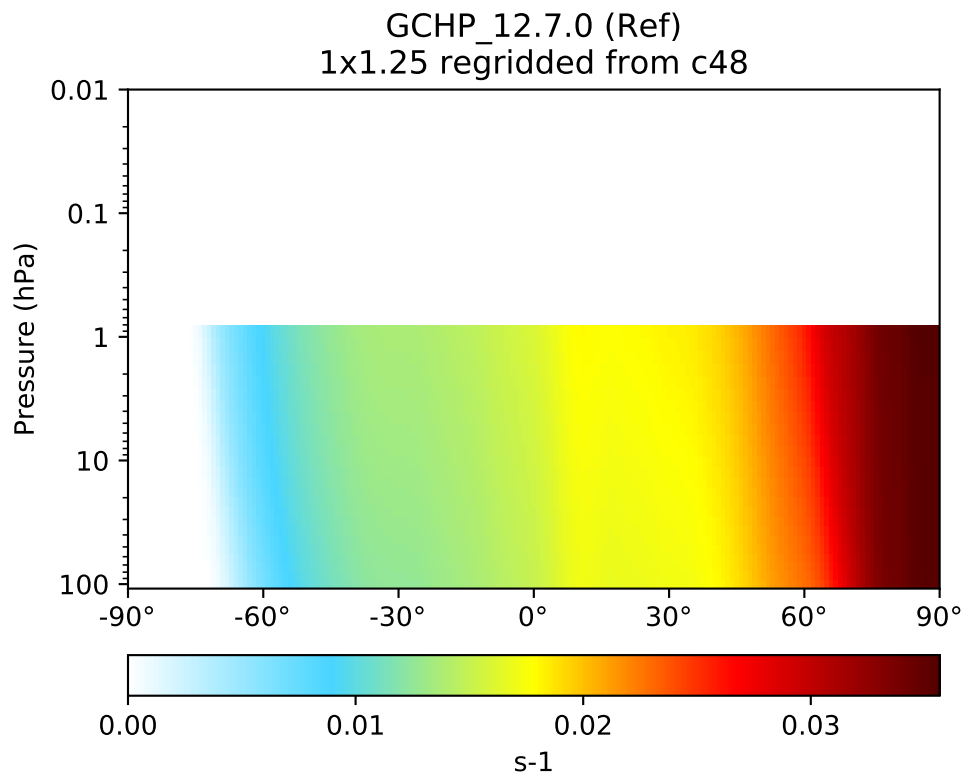
Jval_ICN, Zonal Mean



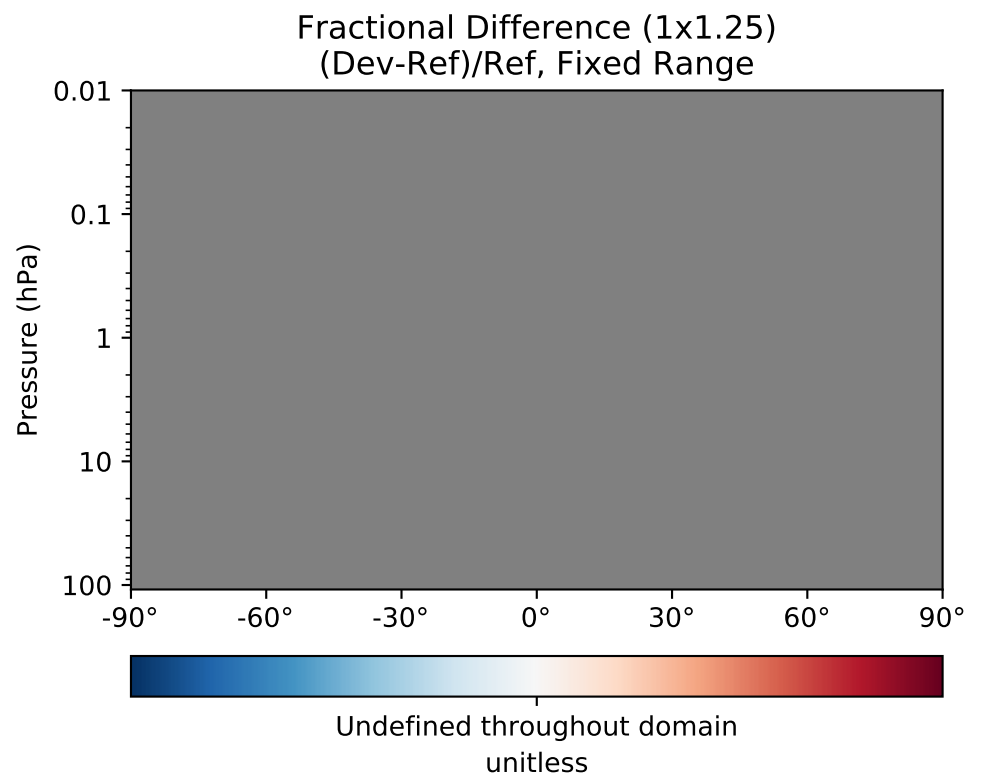
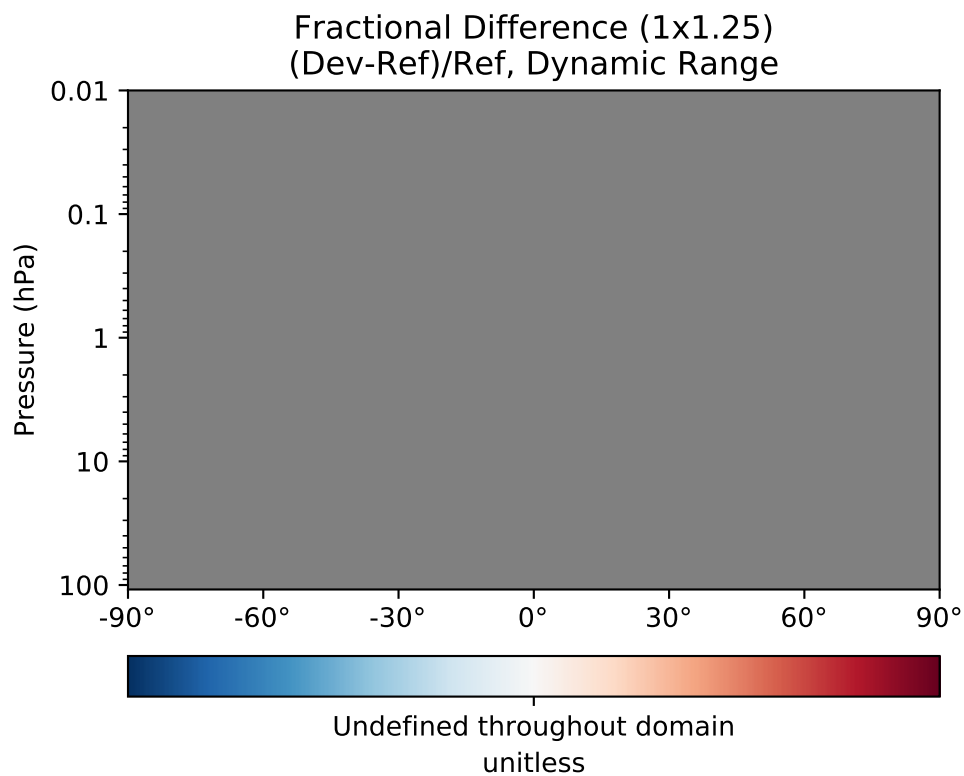
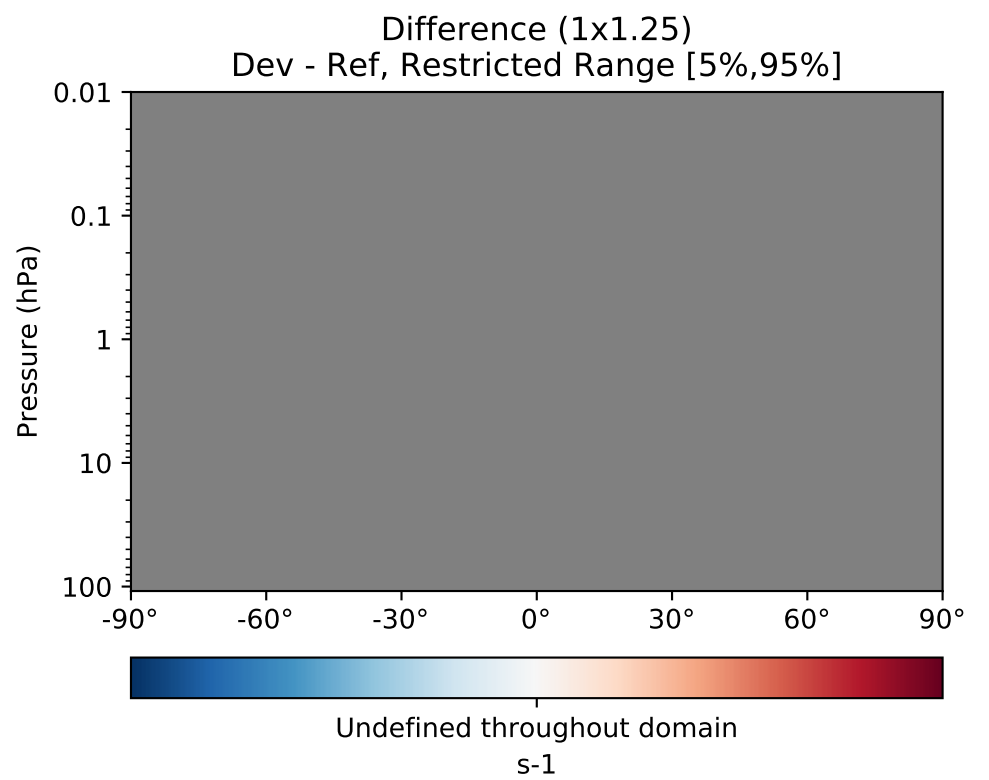
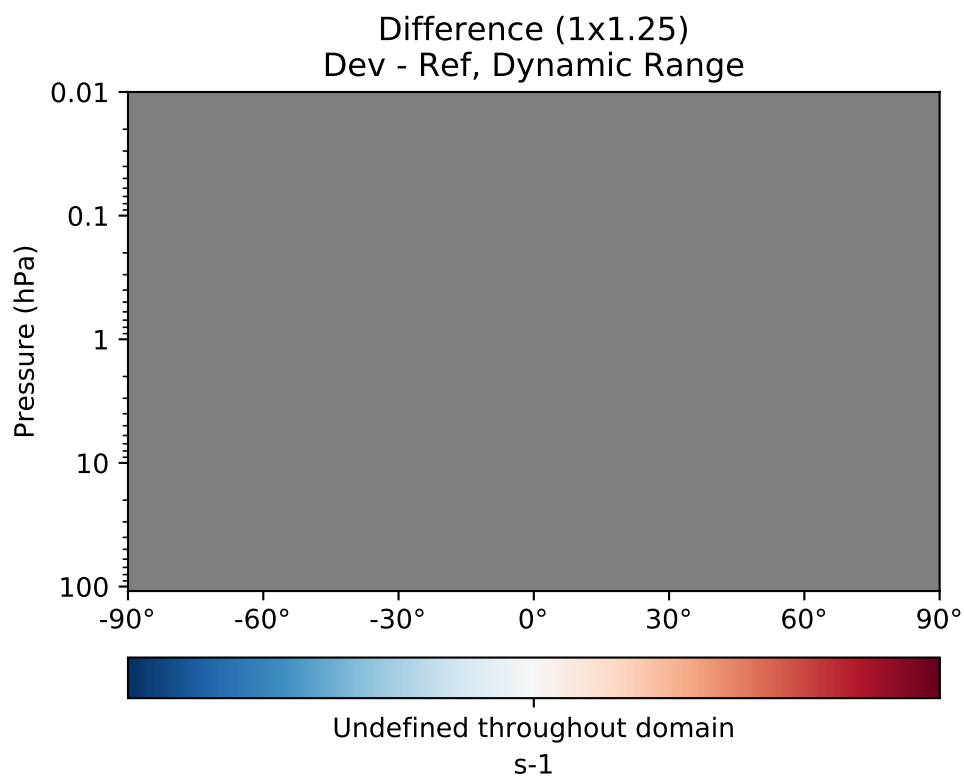
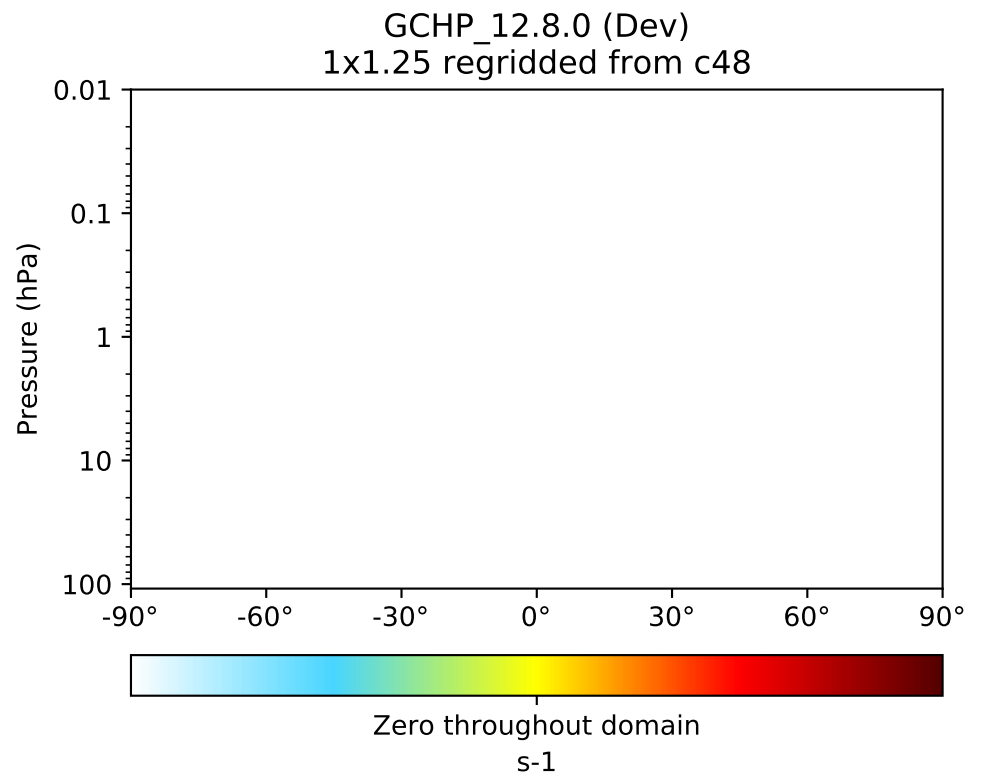
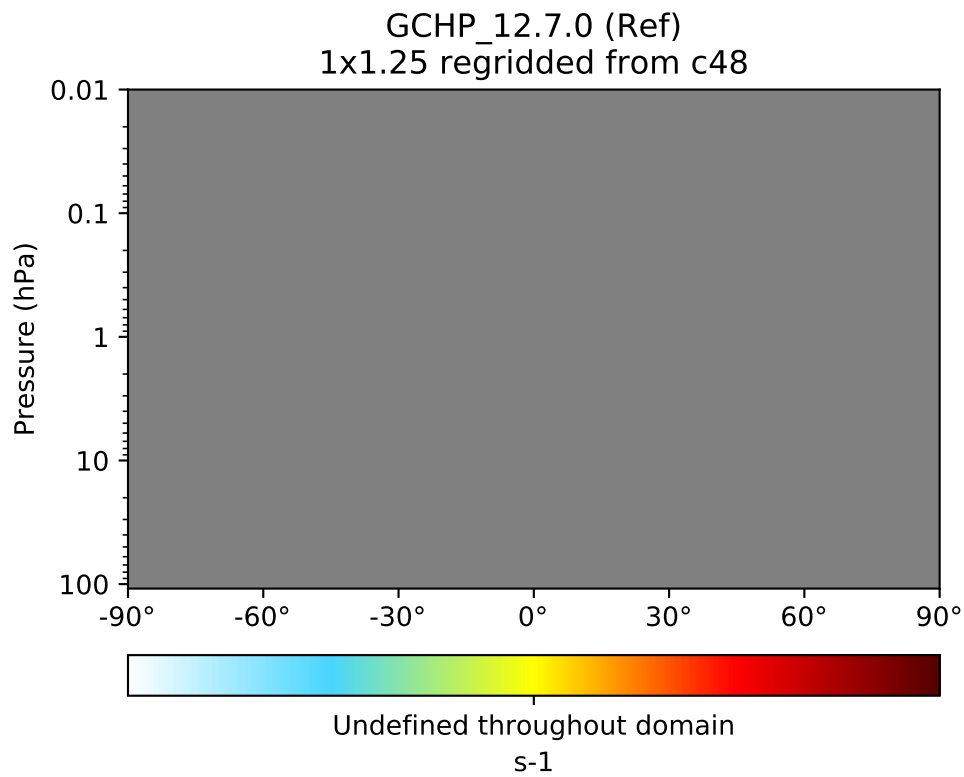
Jval_ICPDH, Zonal Mean



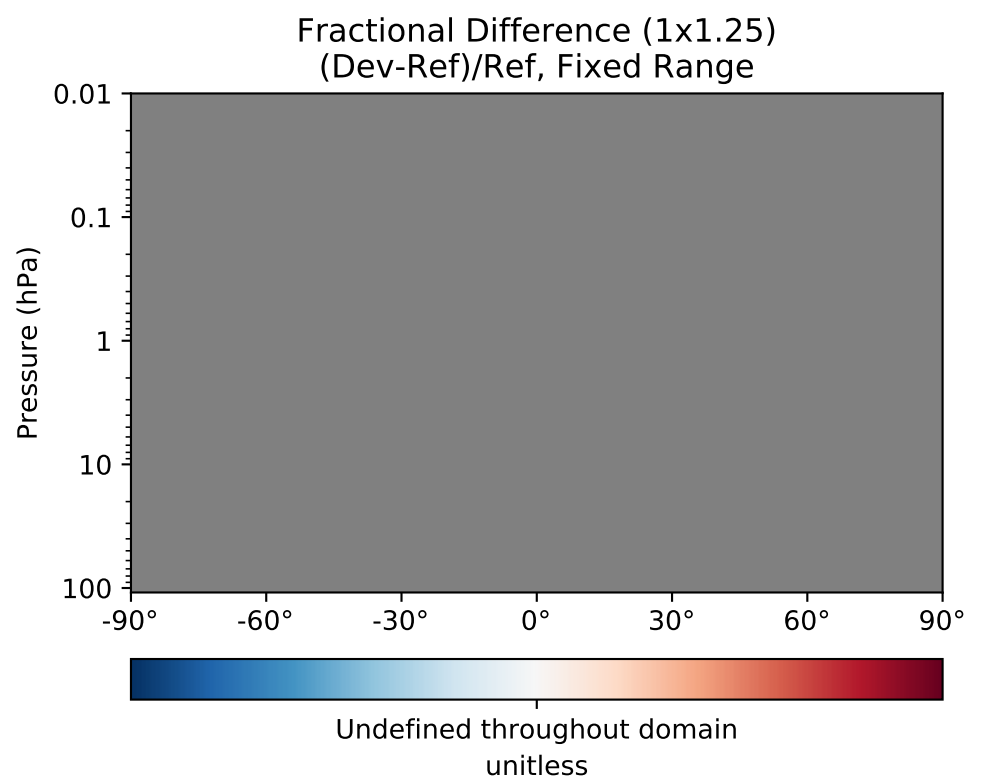
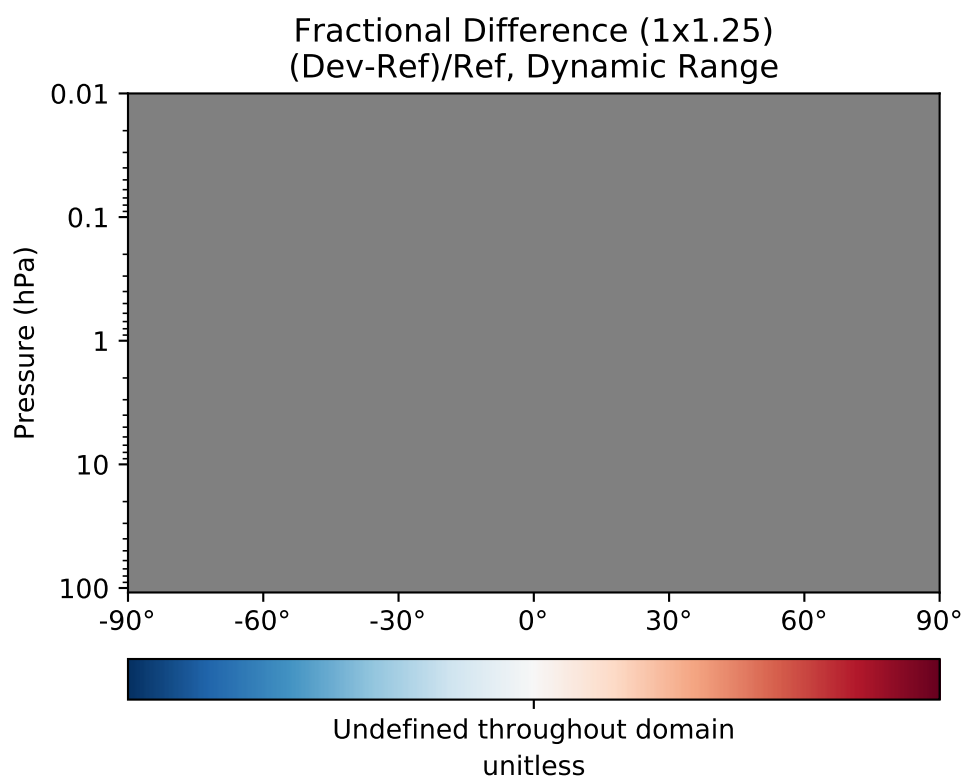
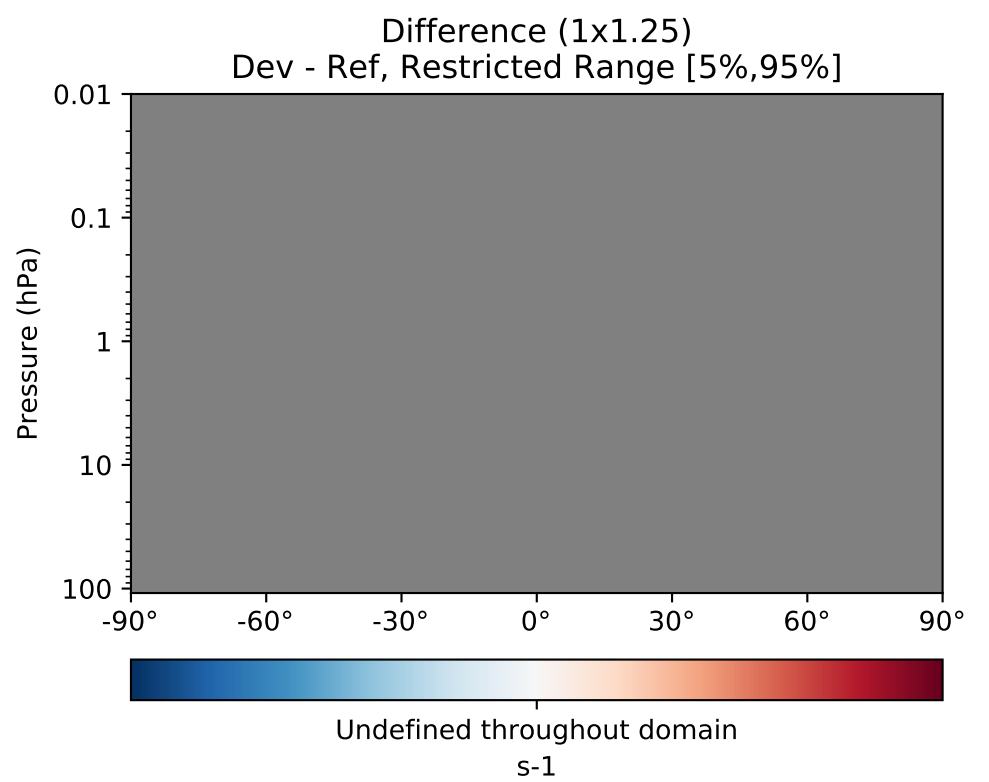
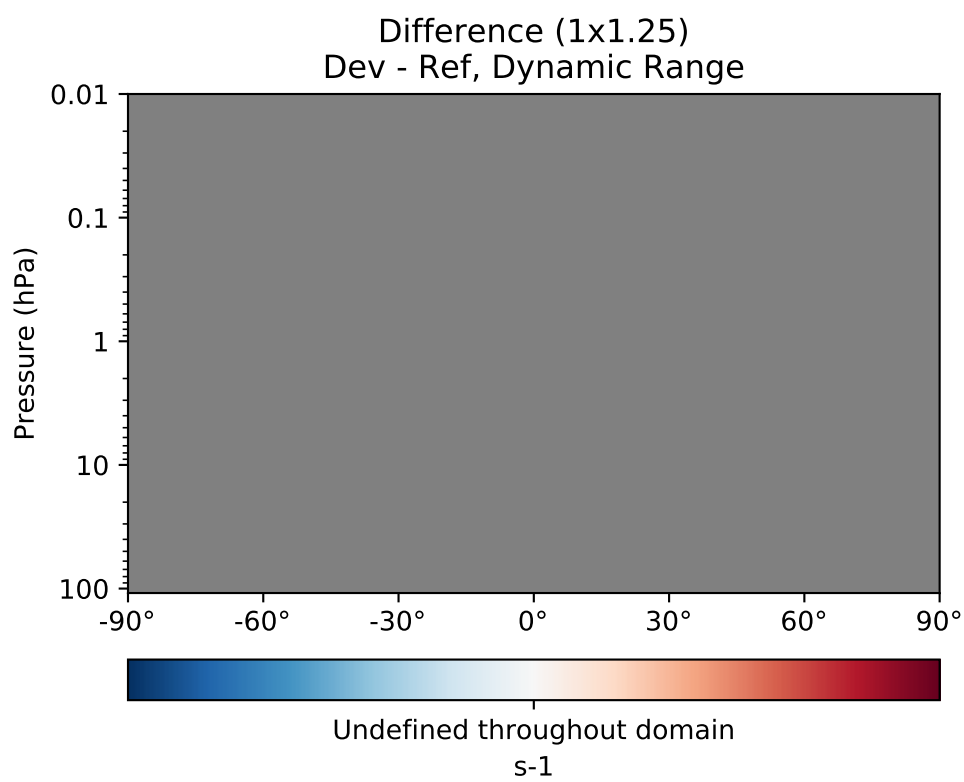
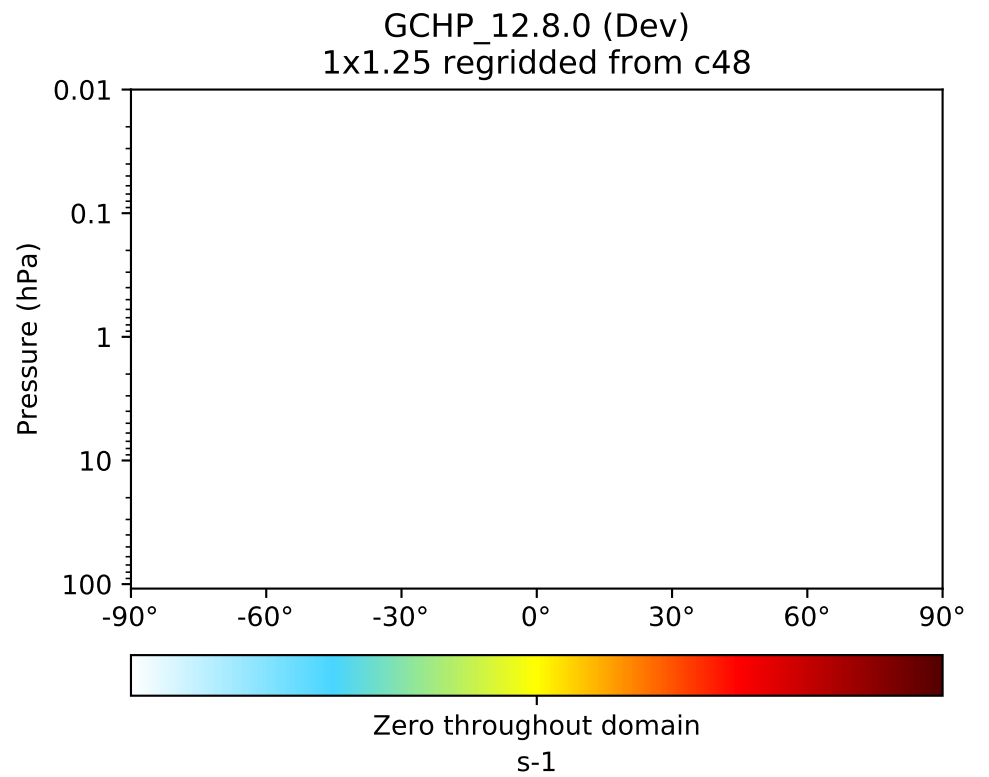
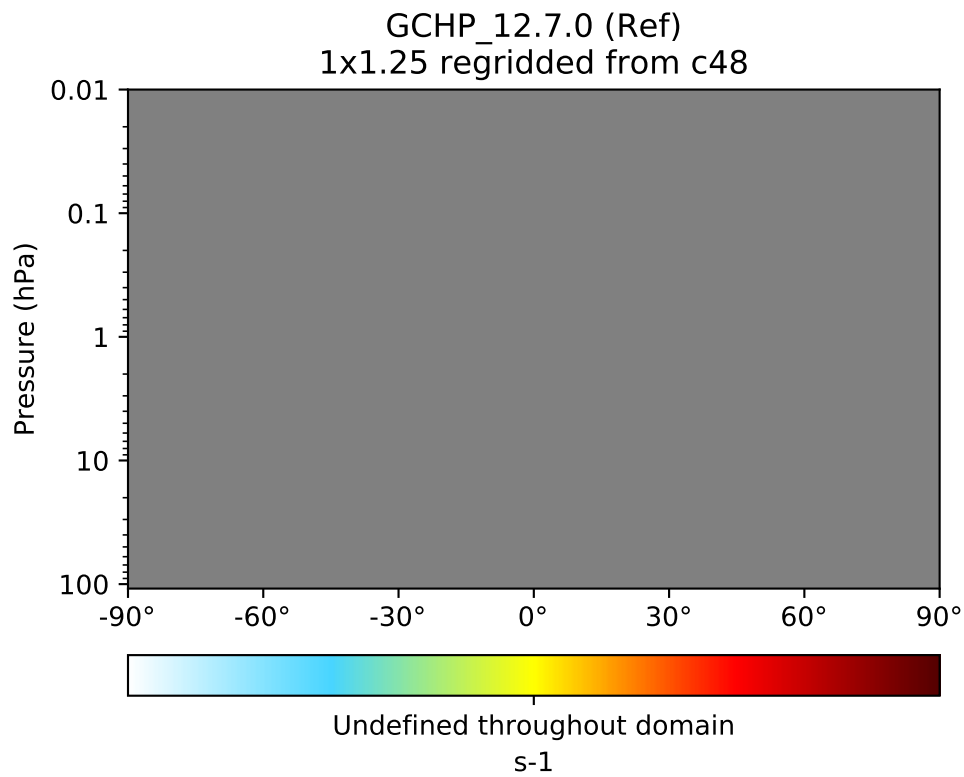
Jval_ICI, Zonal Mean



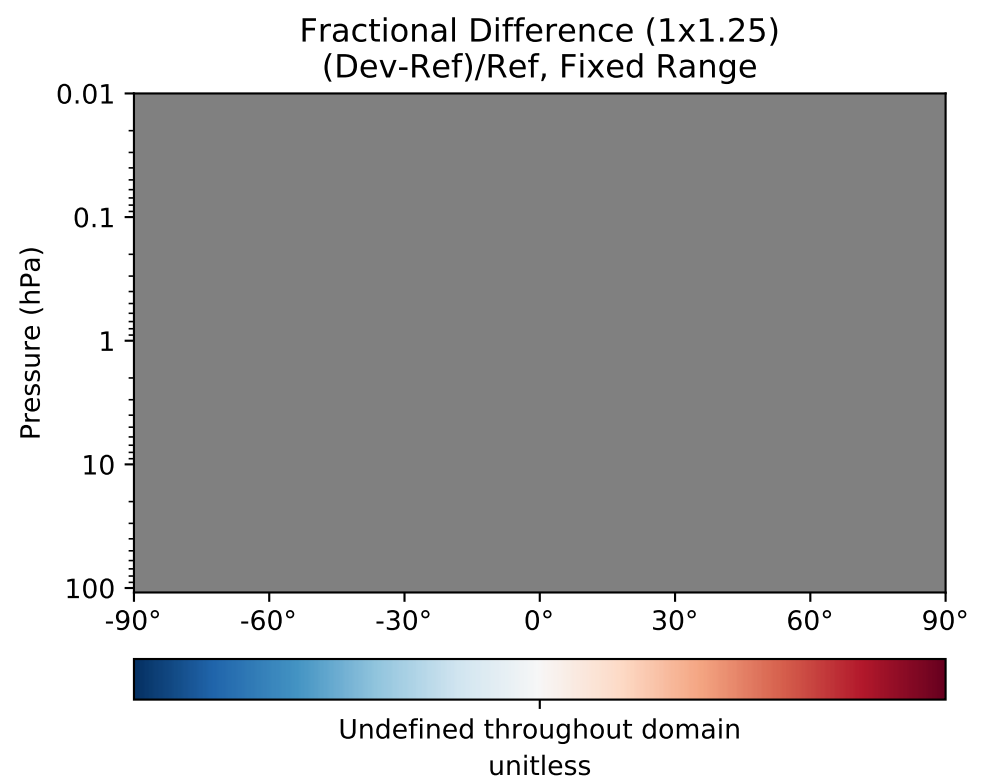
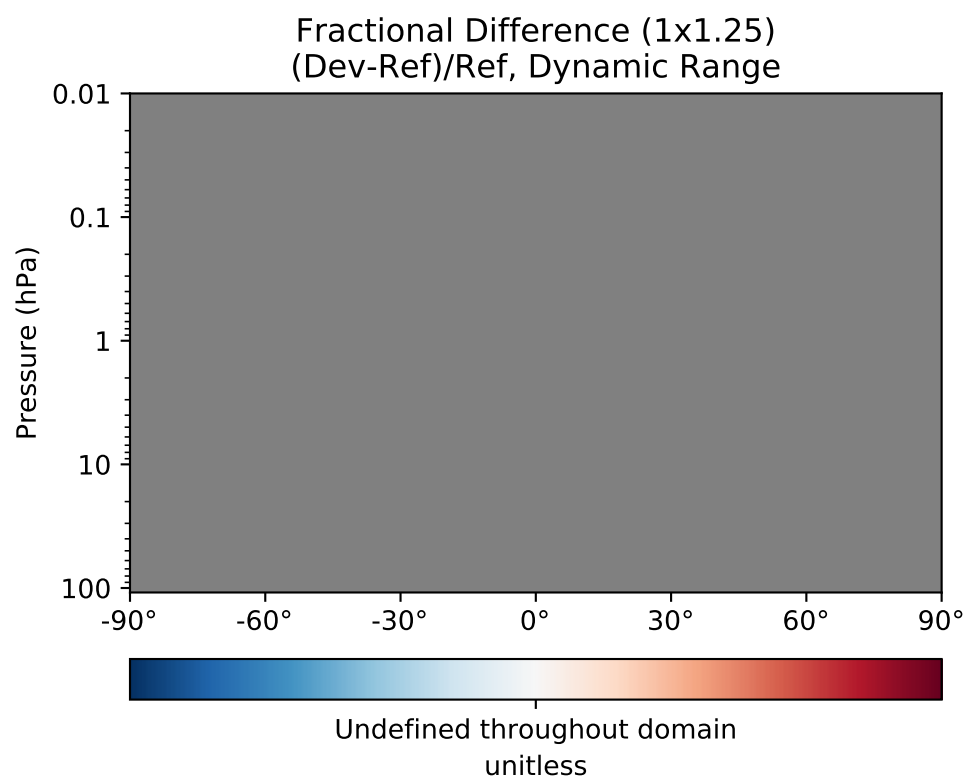
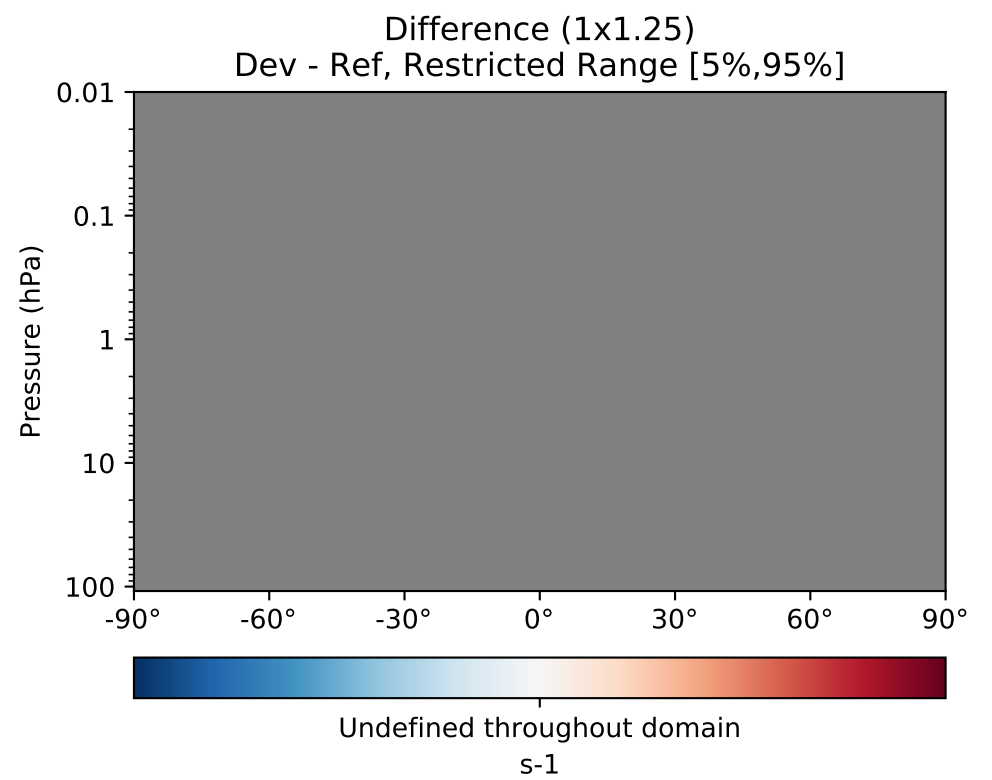
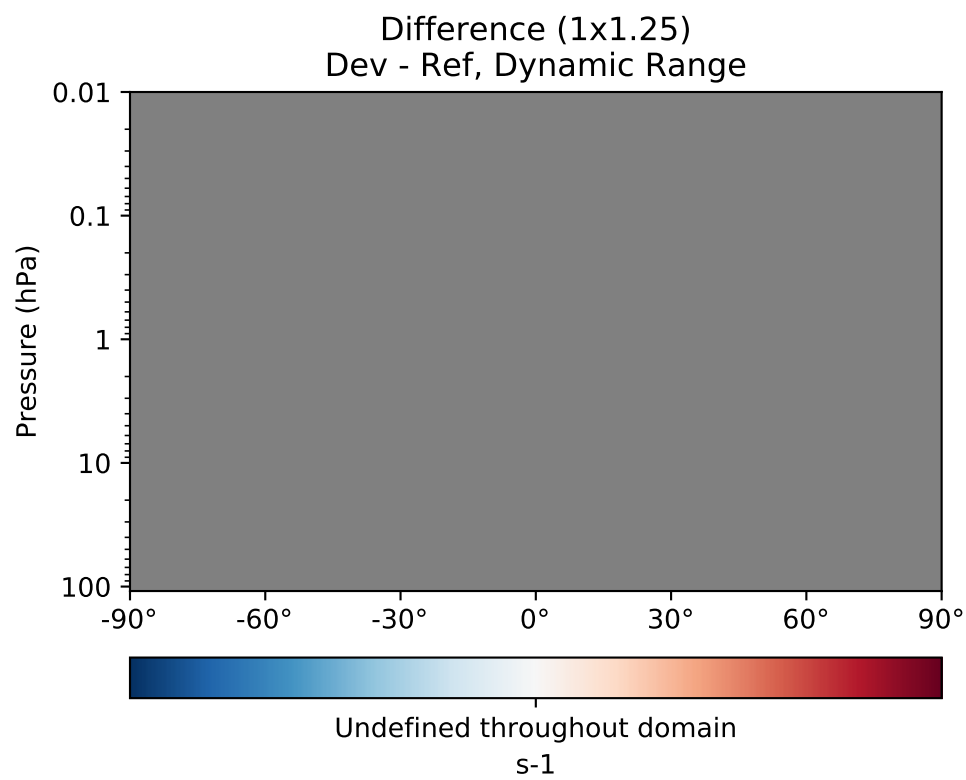
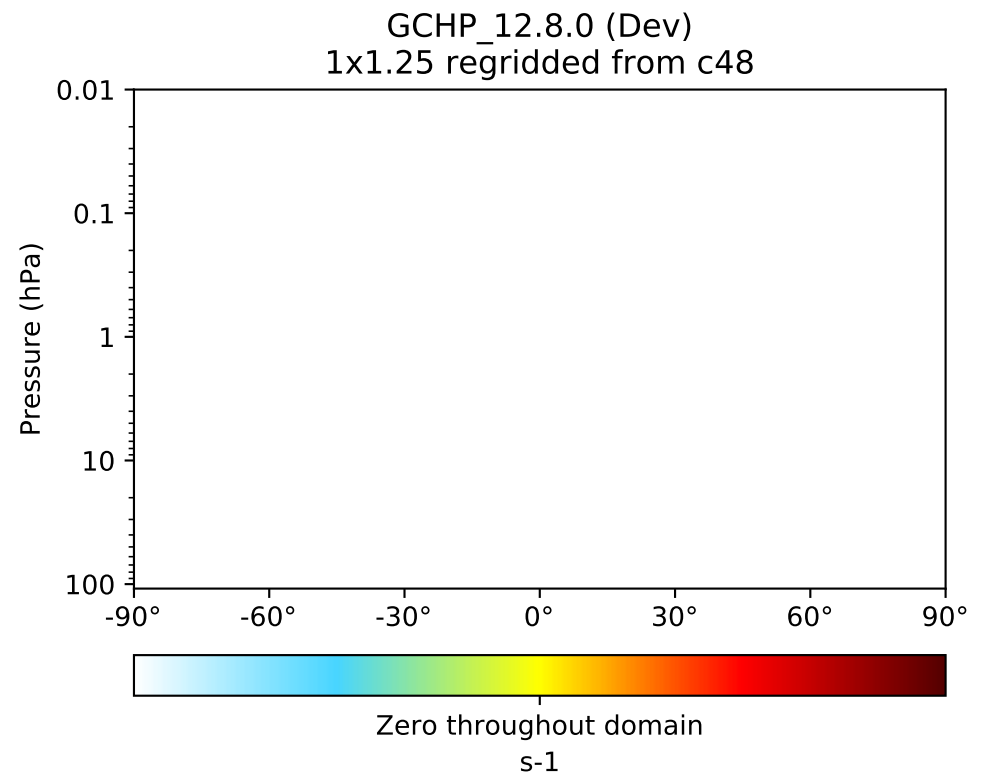
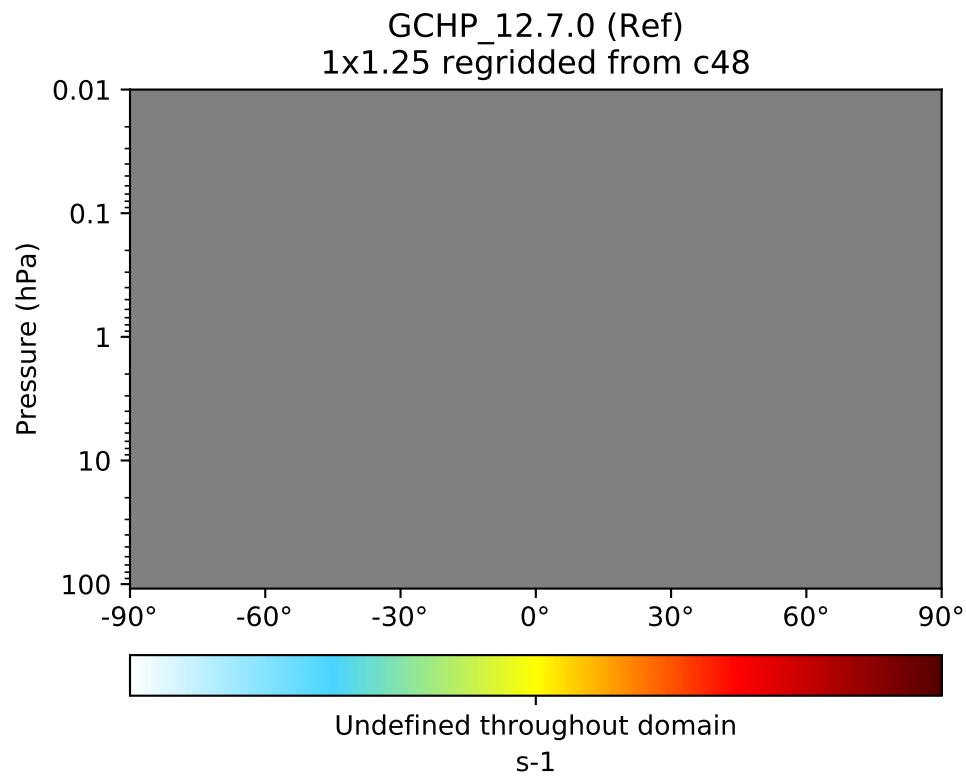
Jval_IDCHP, Zonal Mean



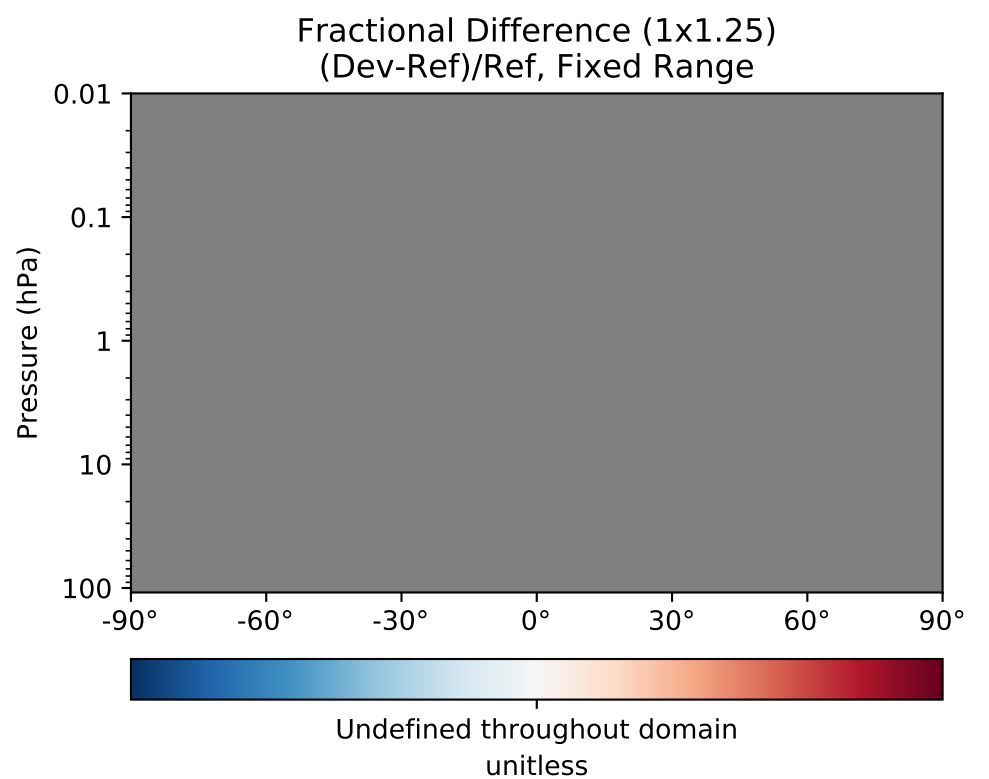
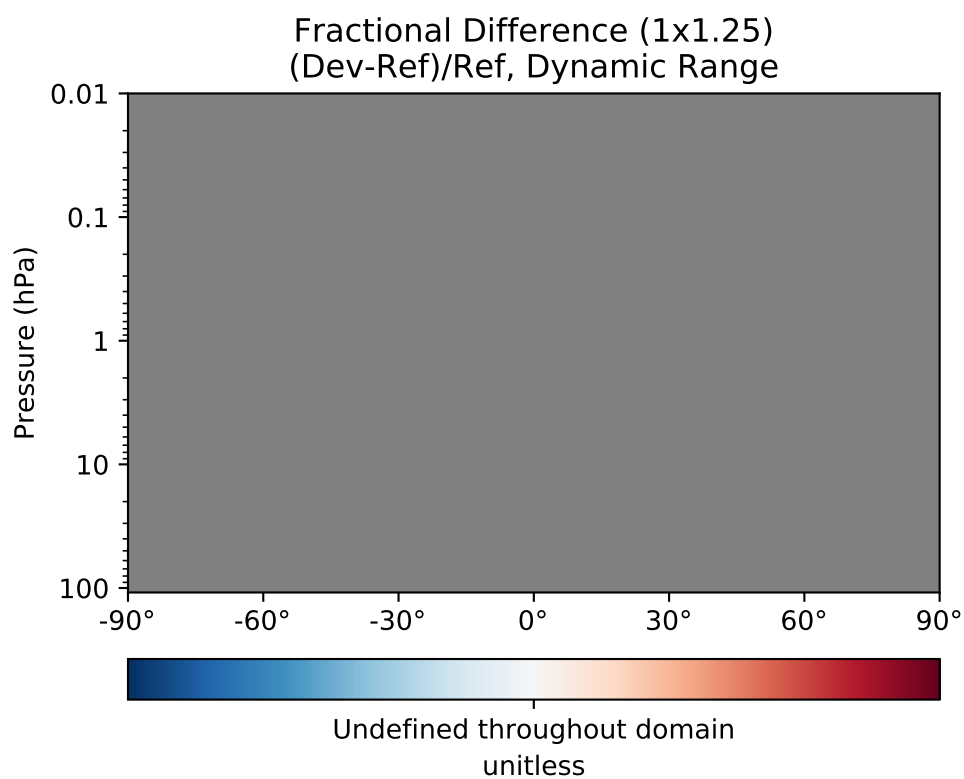
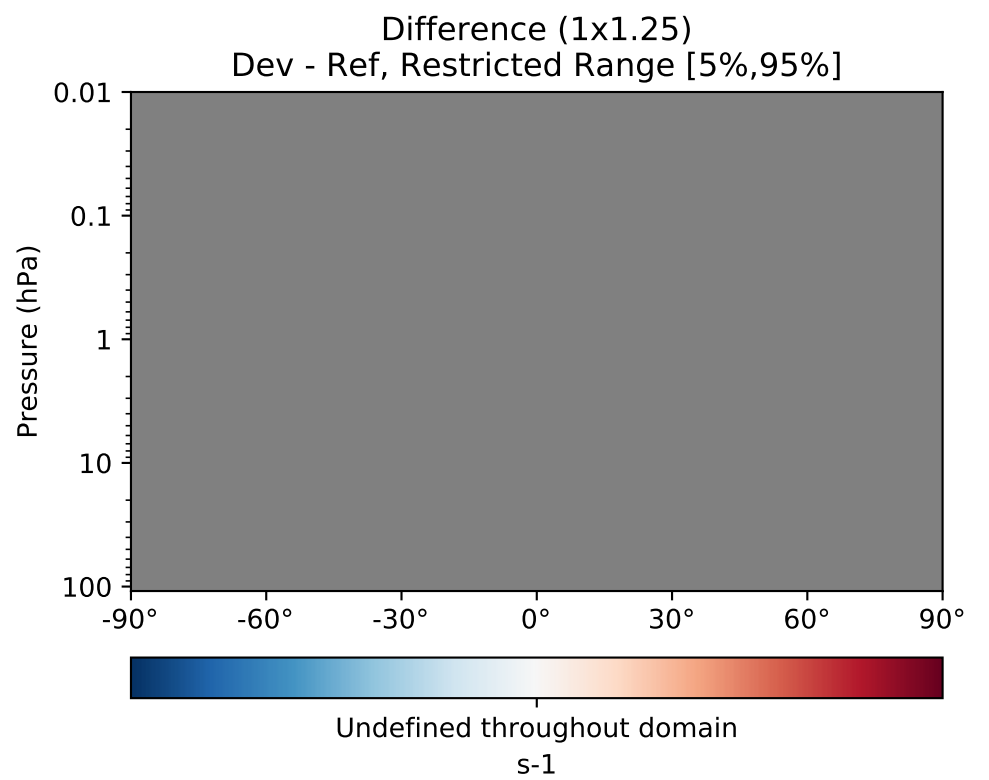
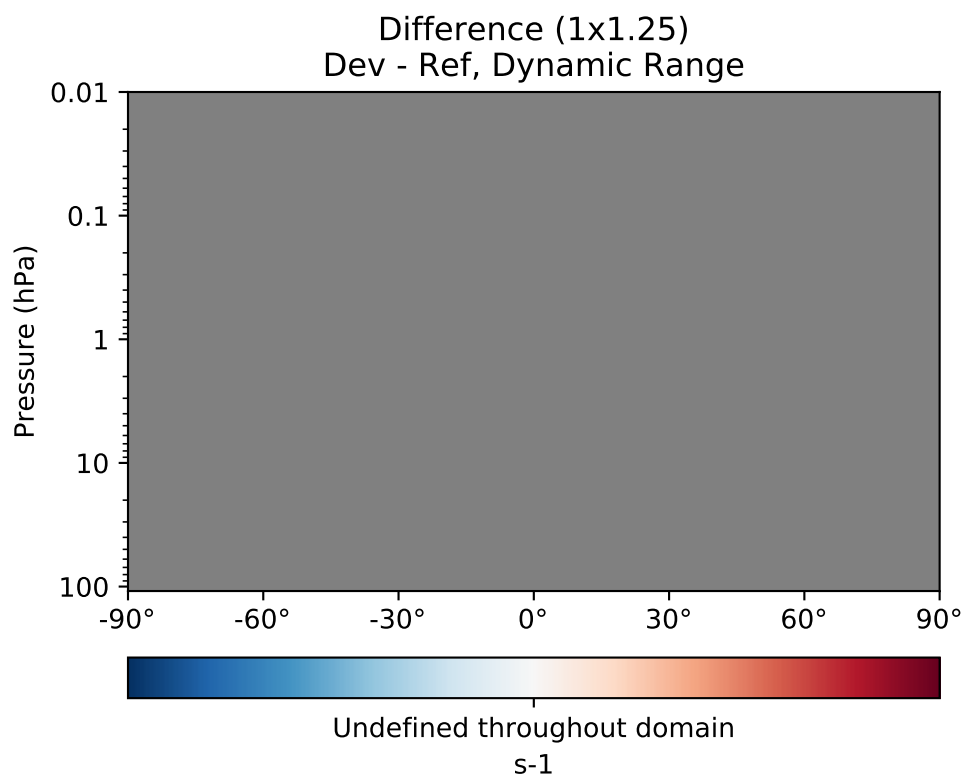
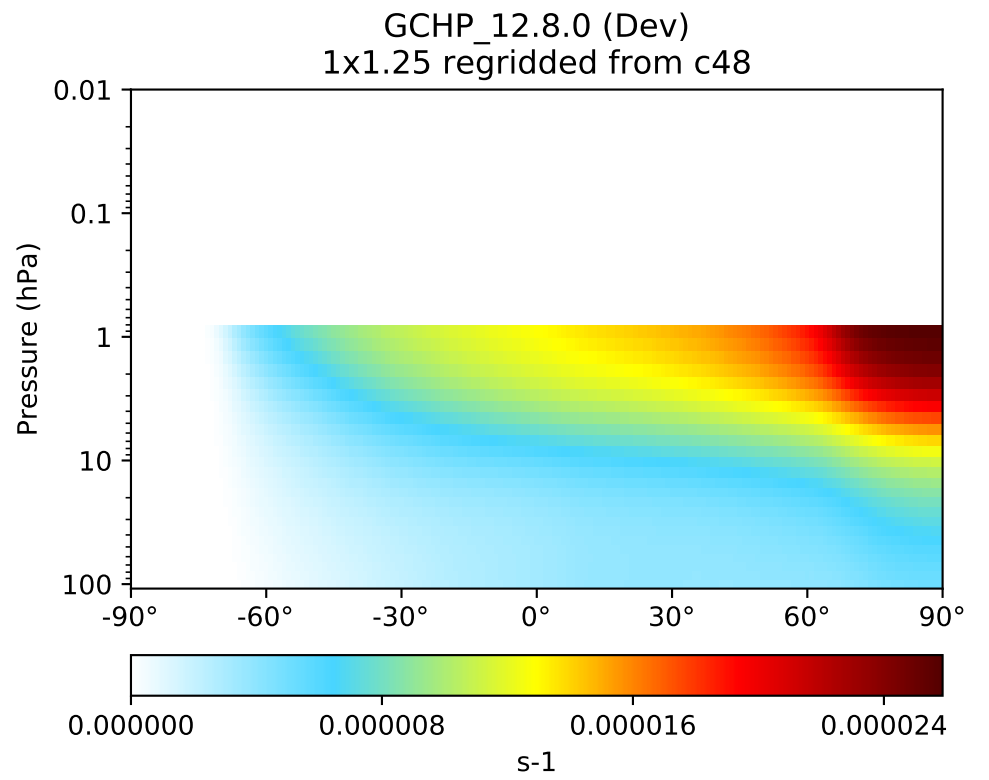
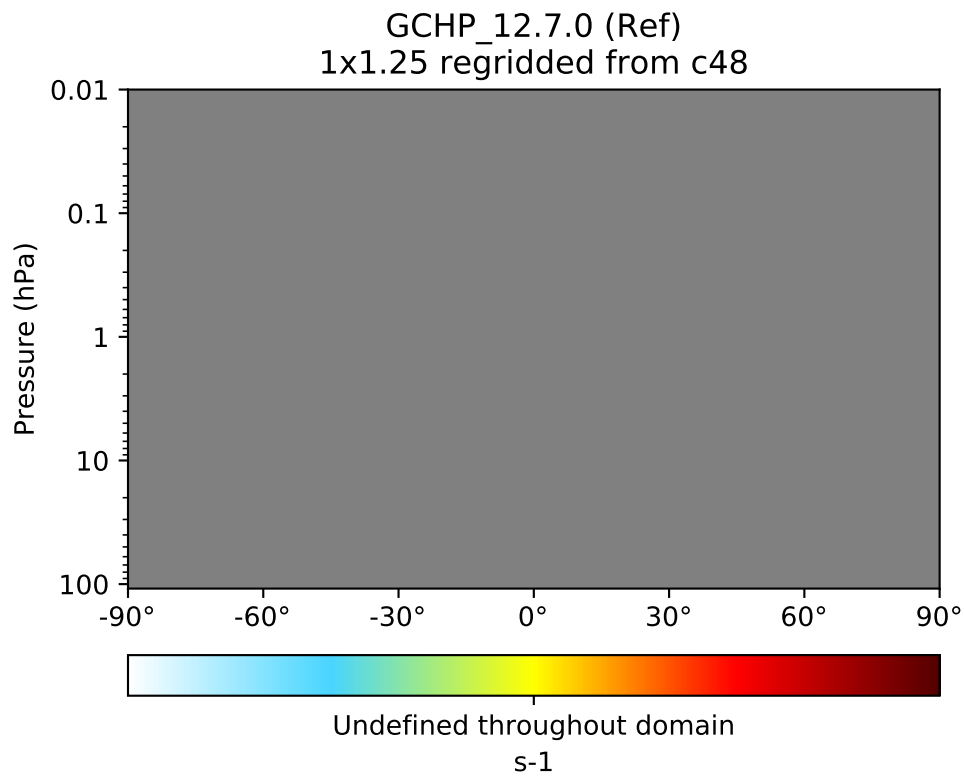
Jval_IDHDP, Zonal Mean



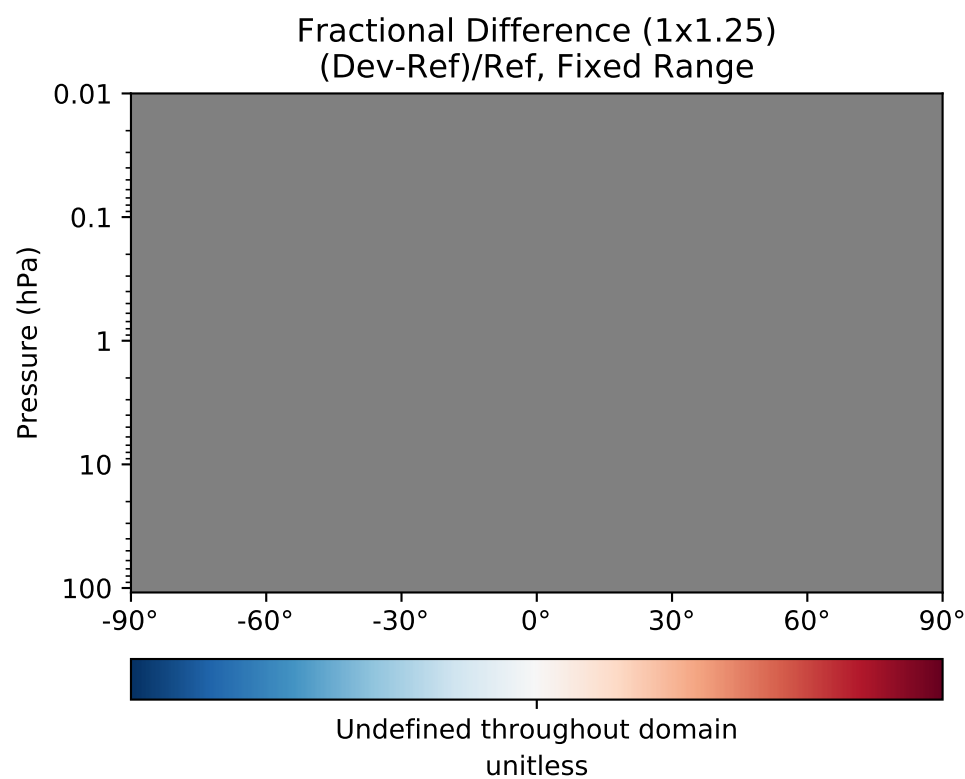
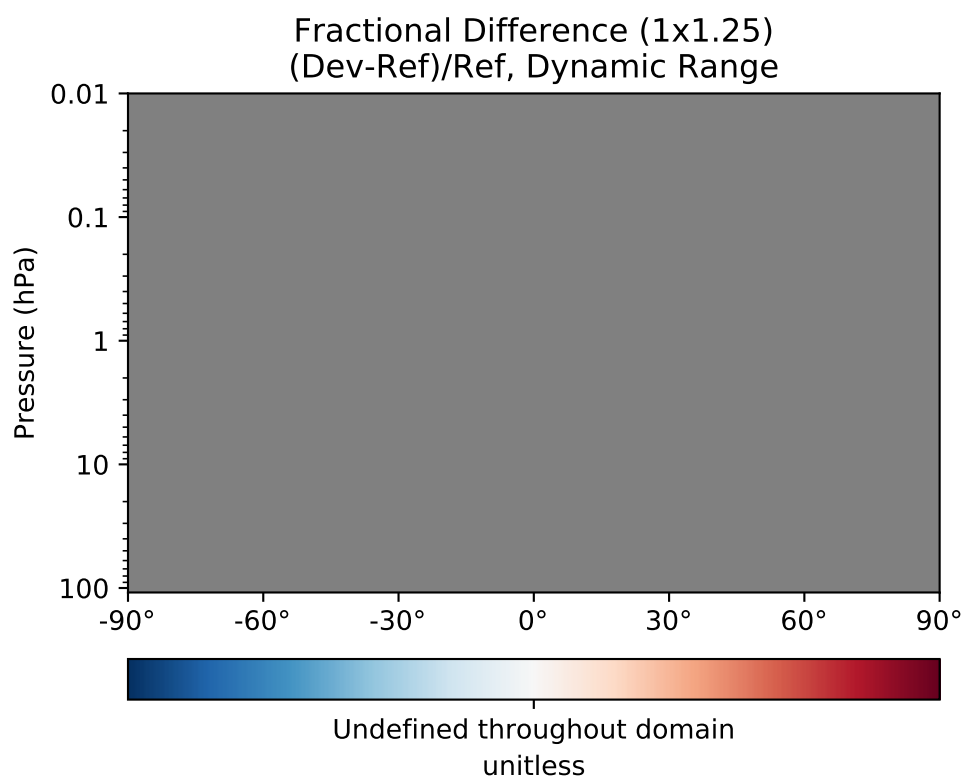
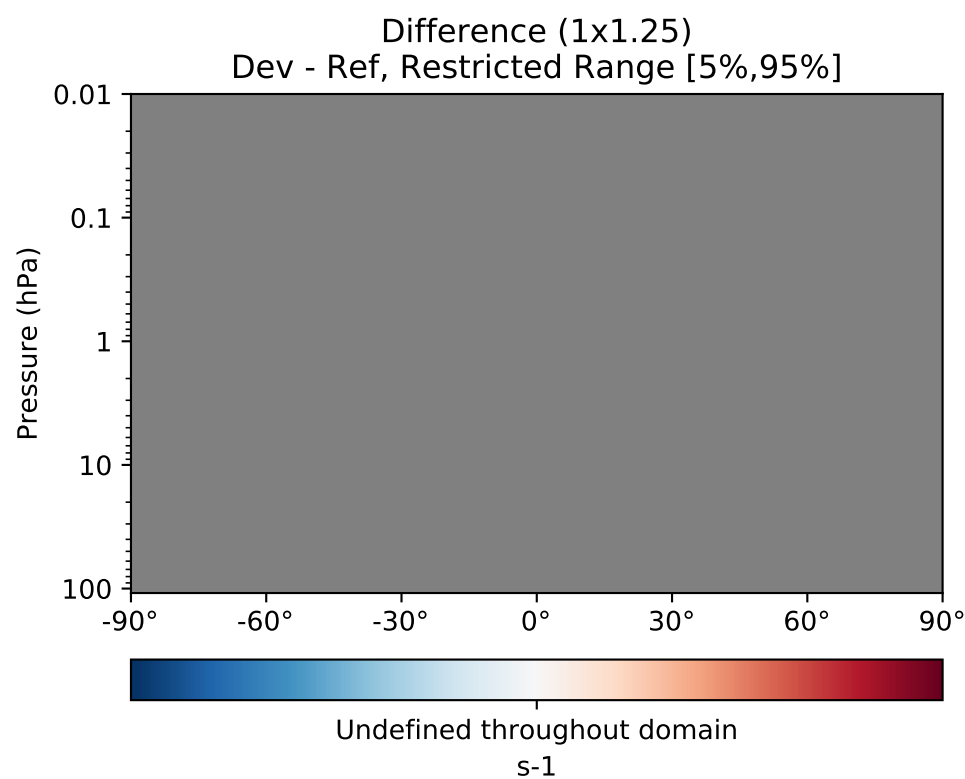
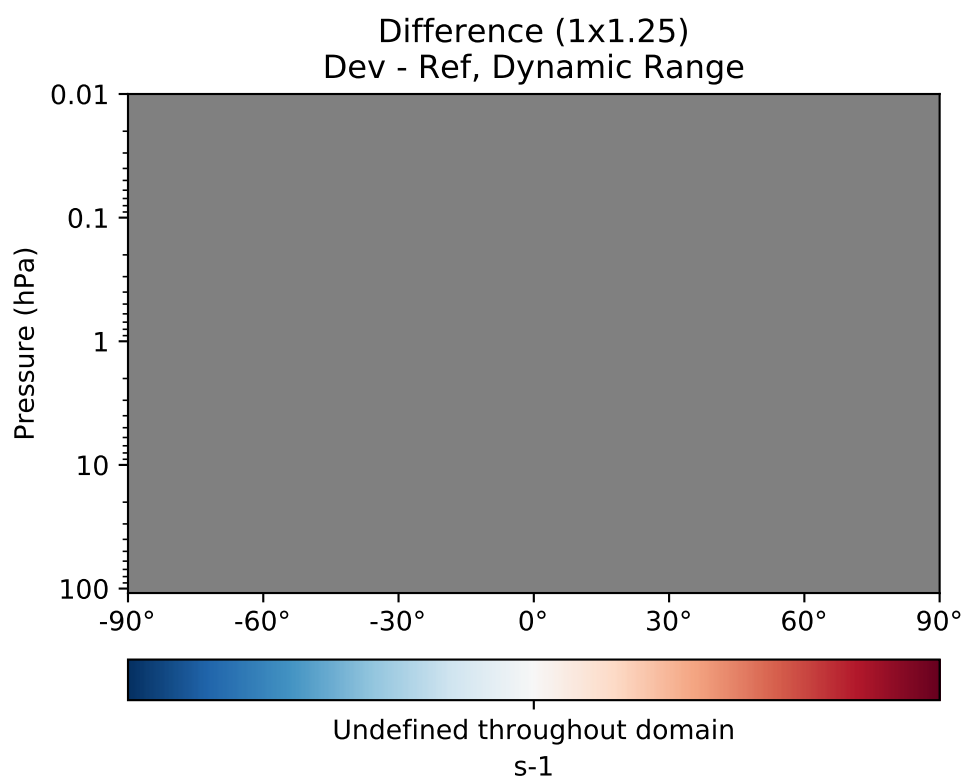
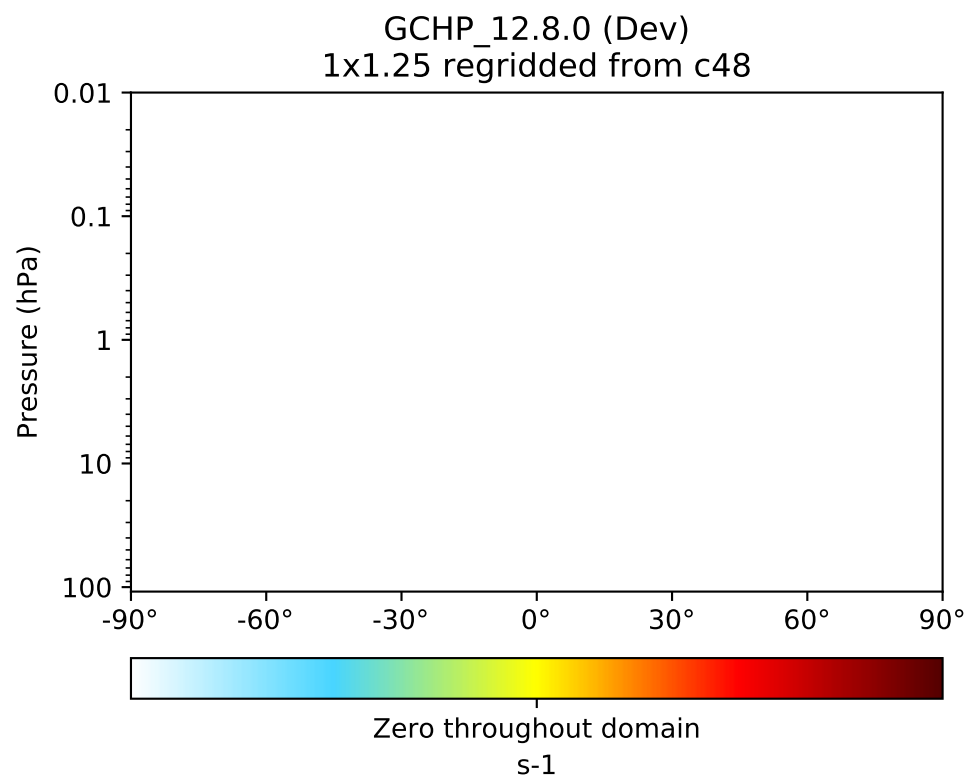
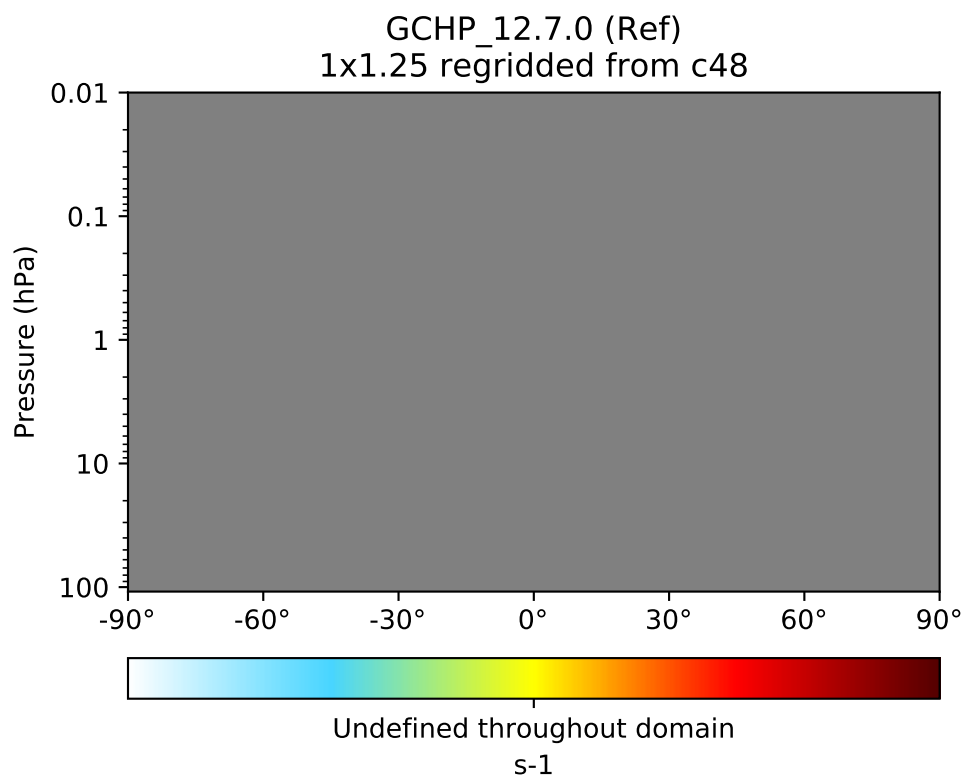
Jval_IDHPE, Zonal Mean



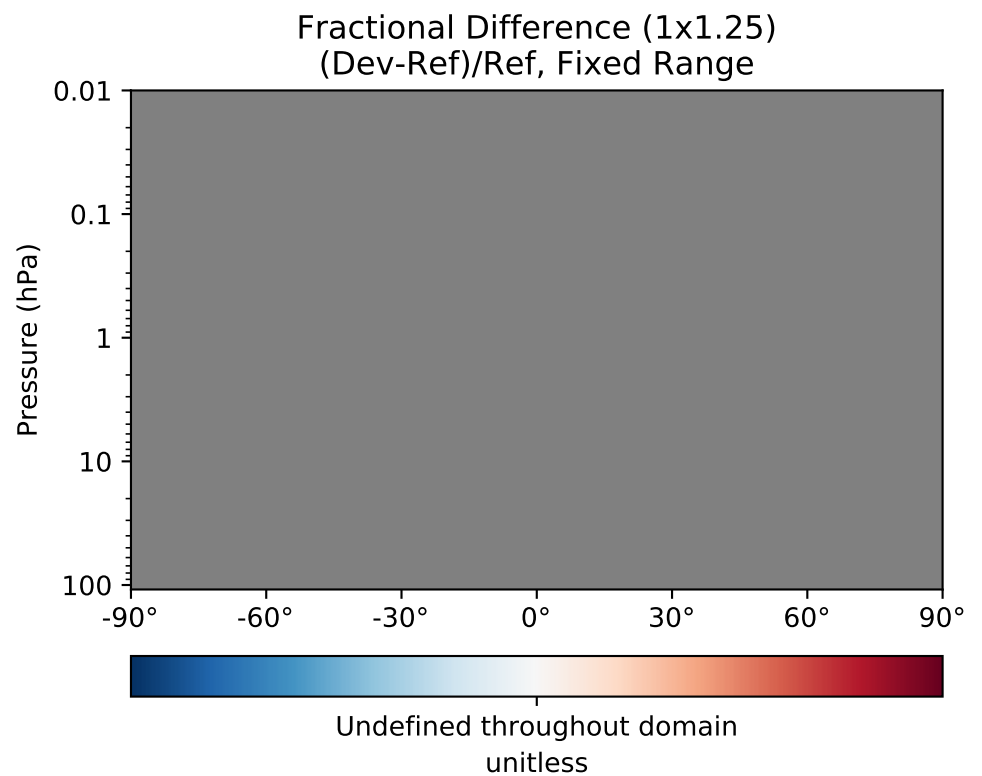
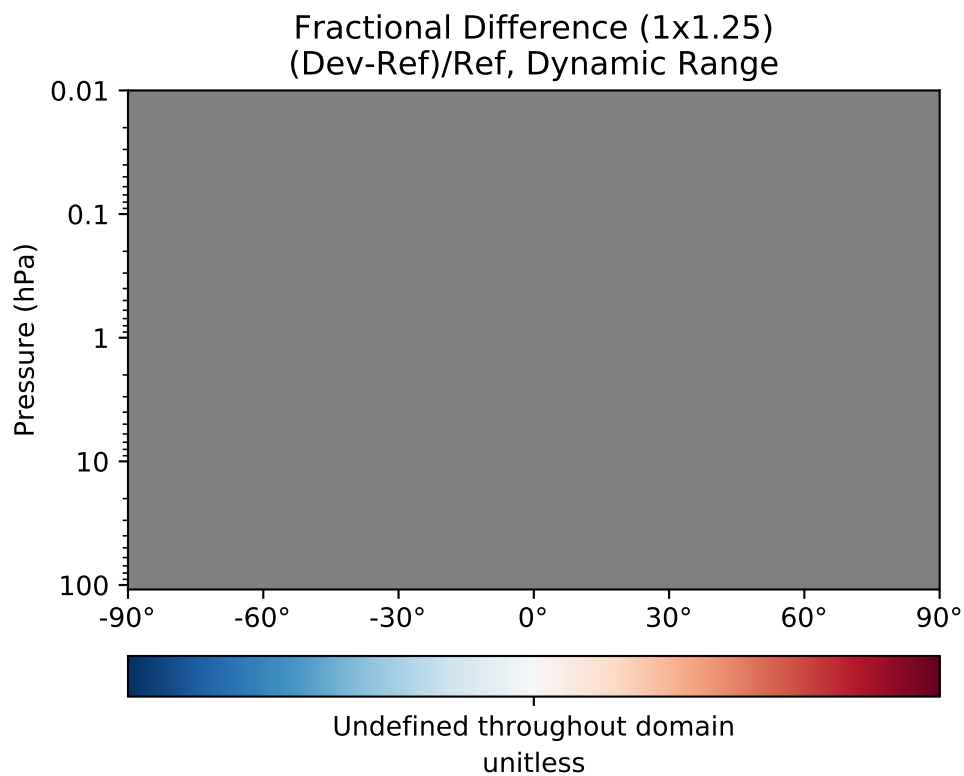
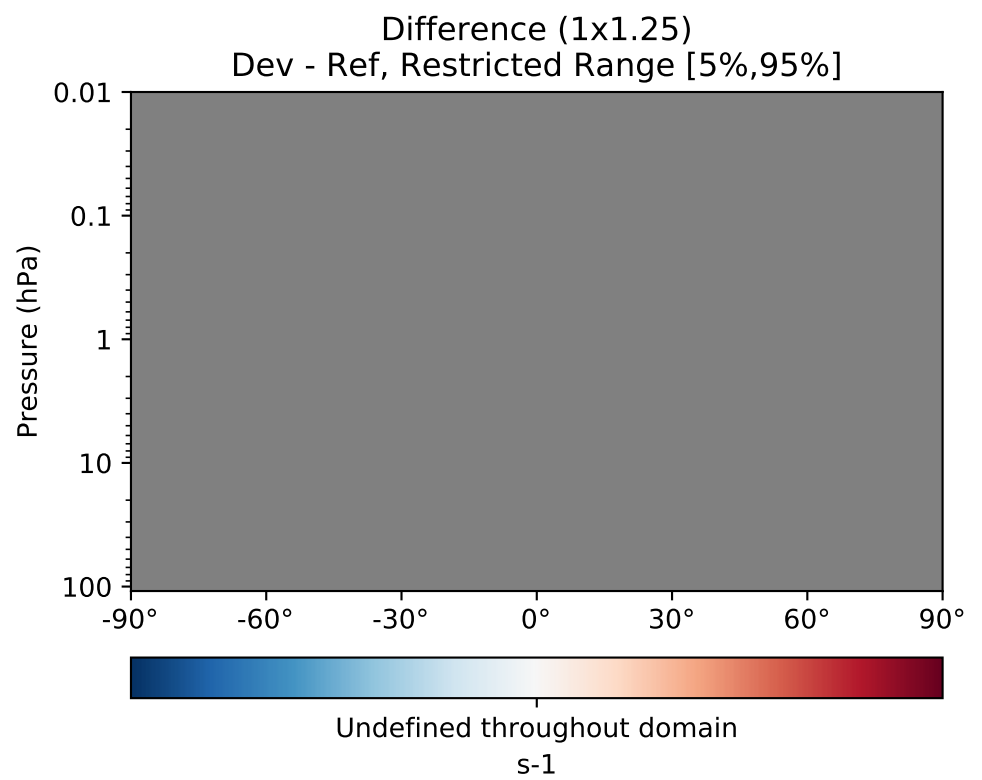
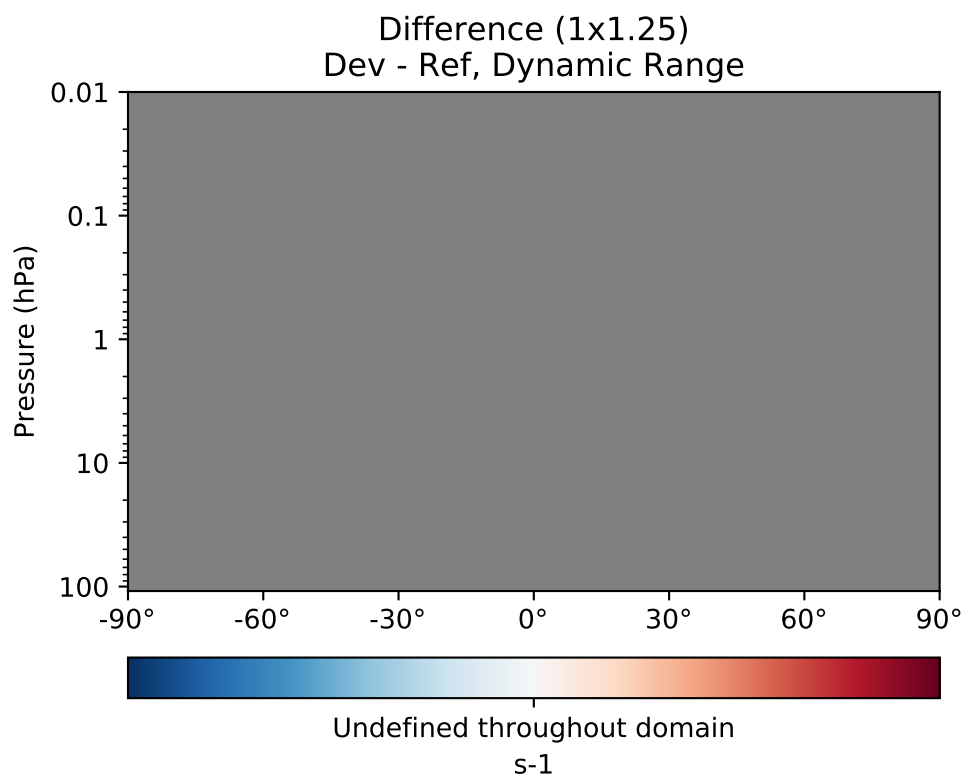
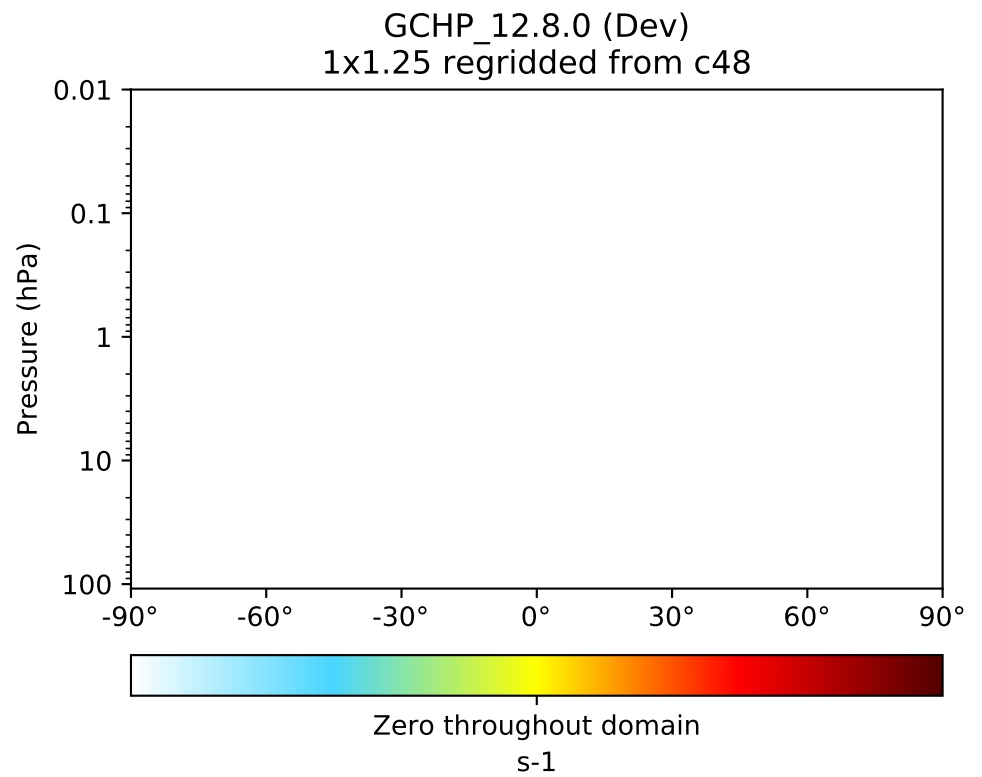
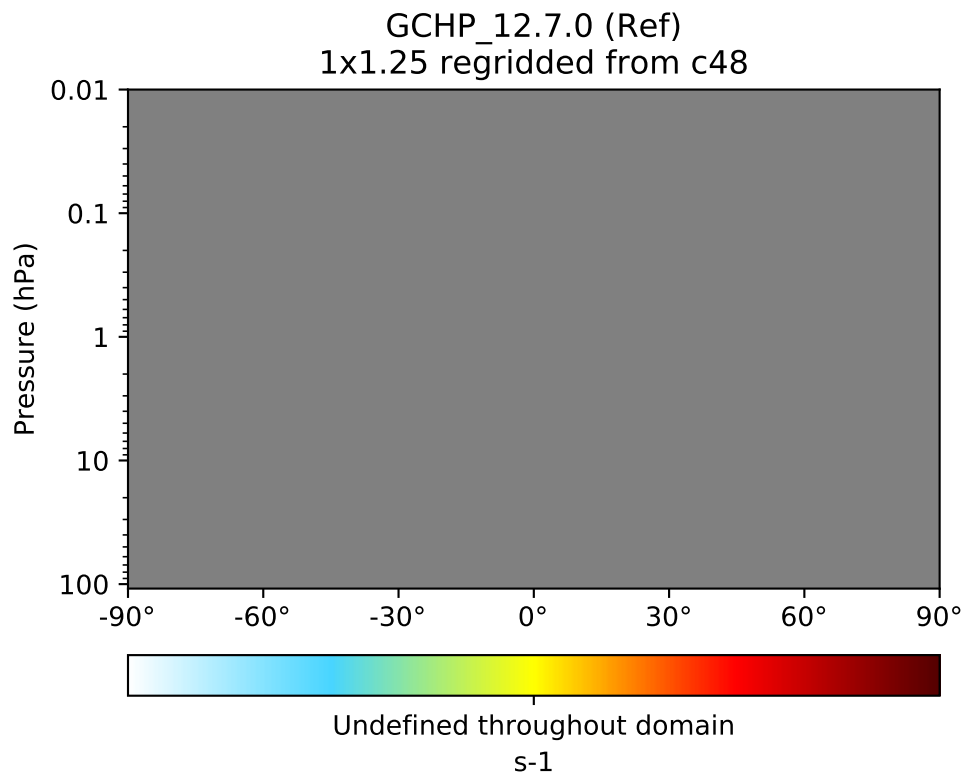
Jval_IDN, Zonal Mean



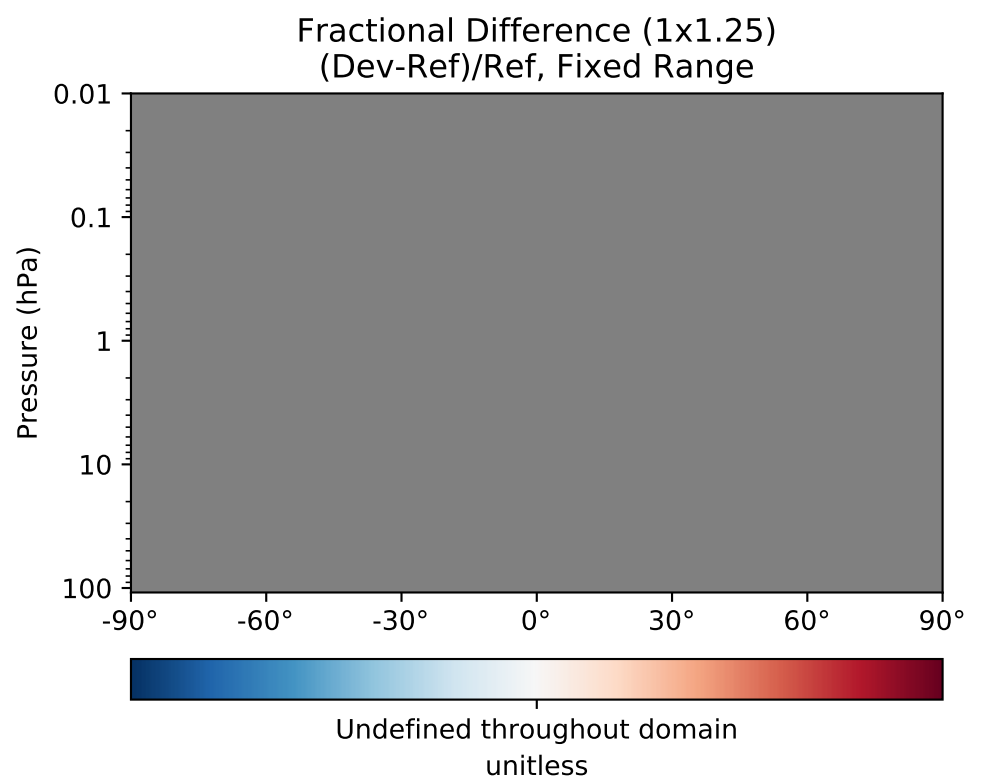
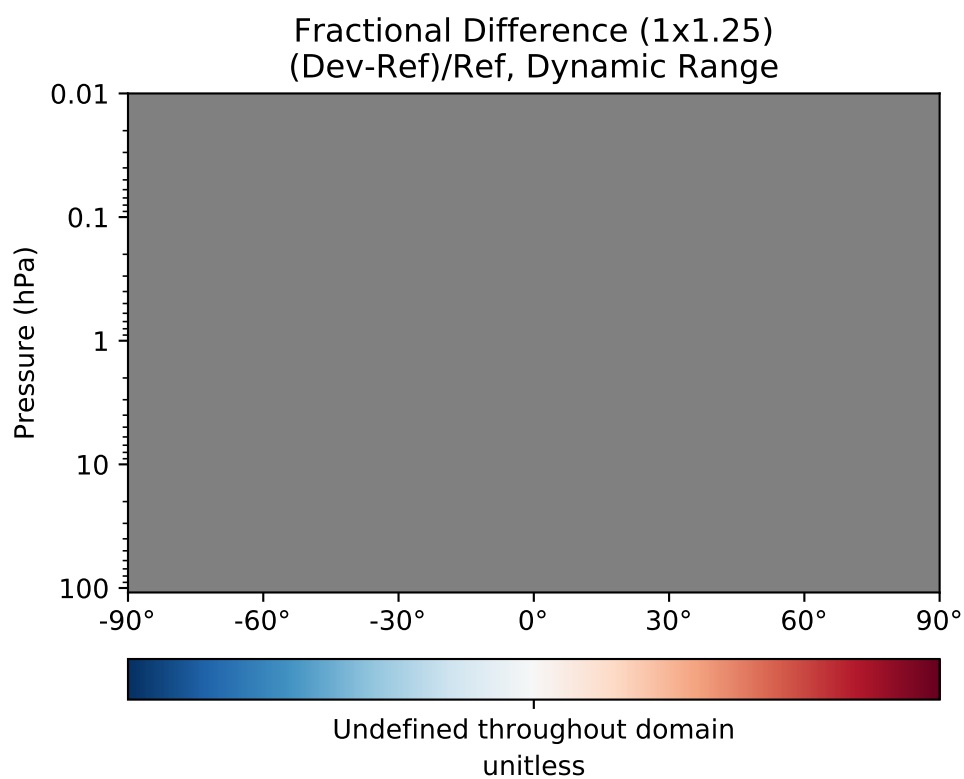
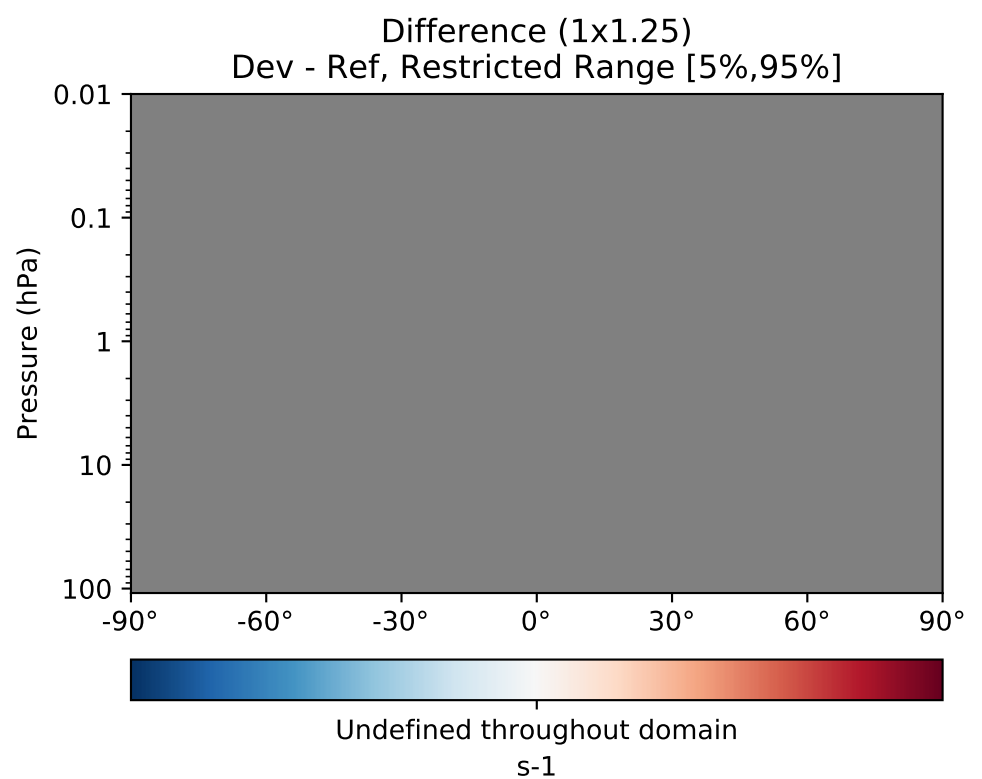
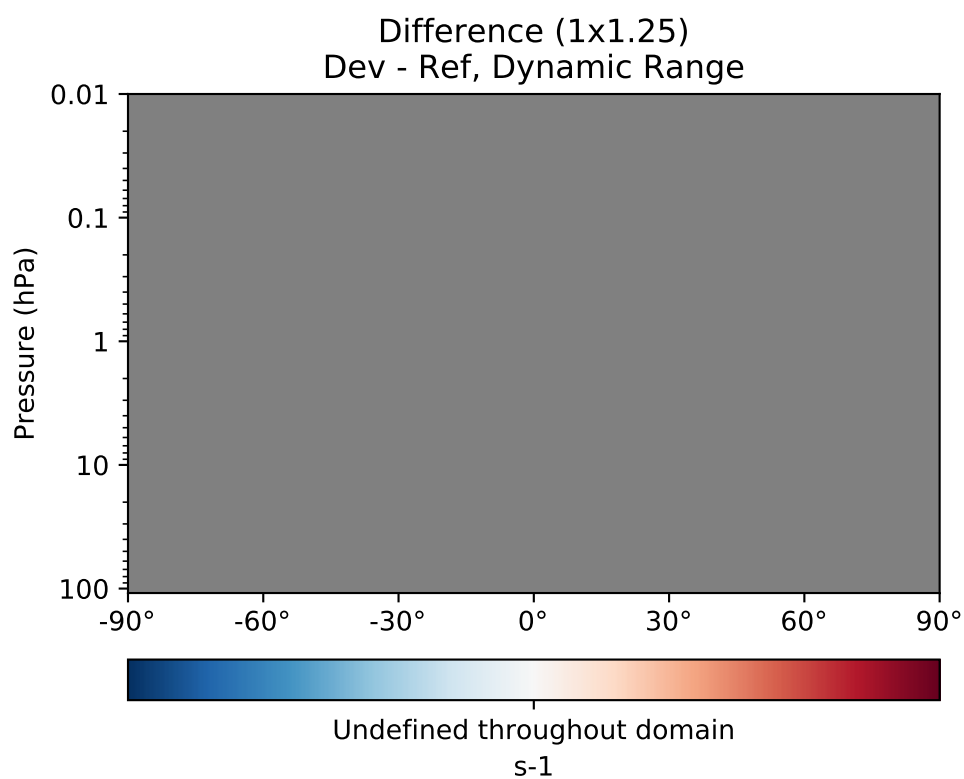
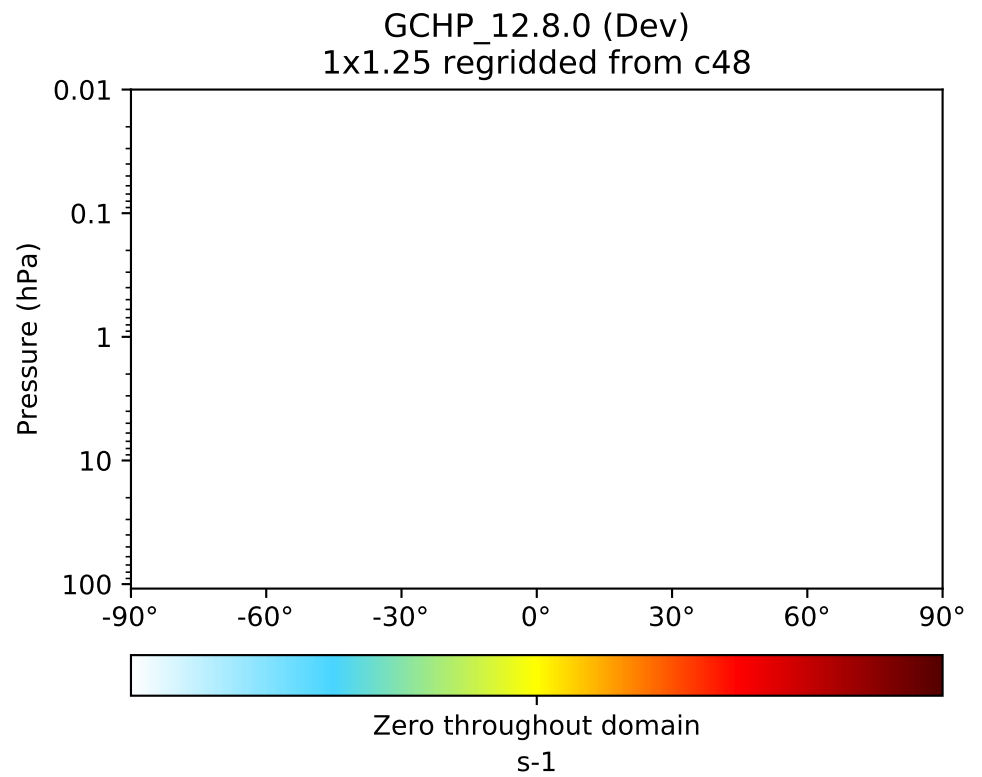
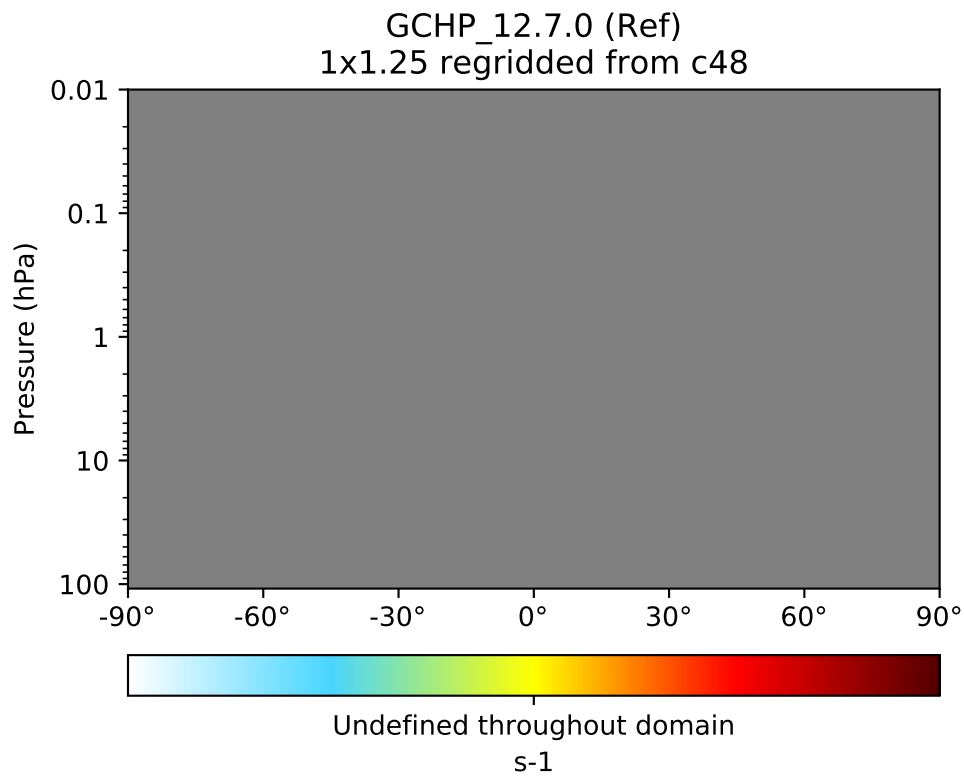
Jval_IHN1, Zonal Mean



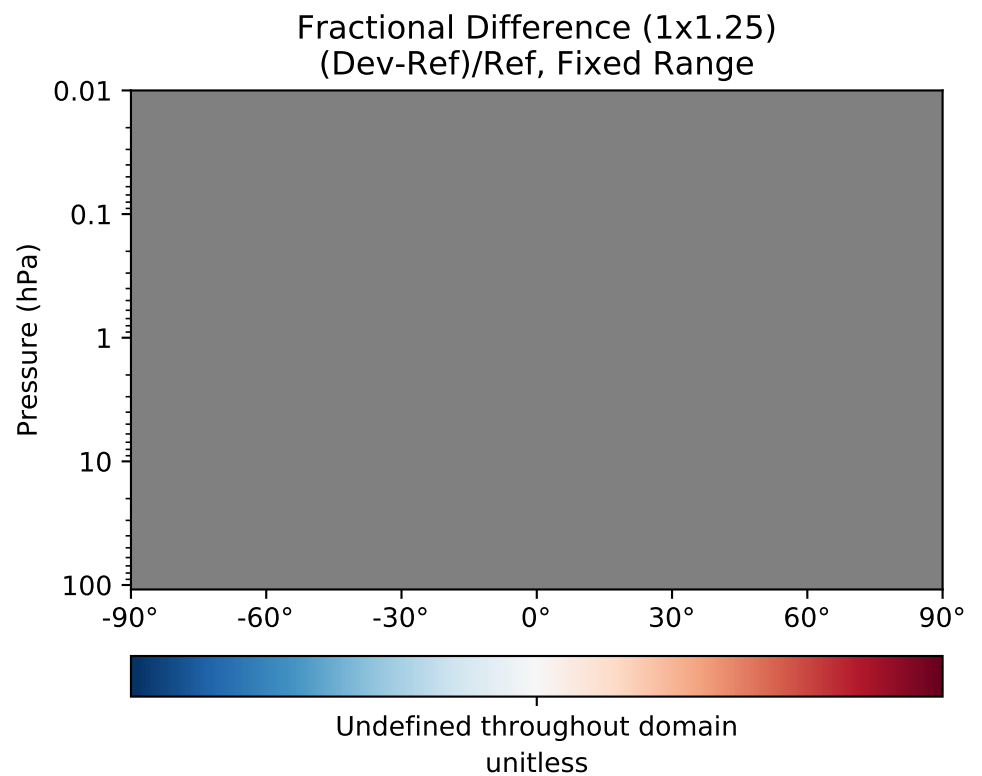
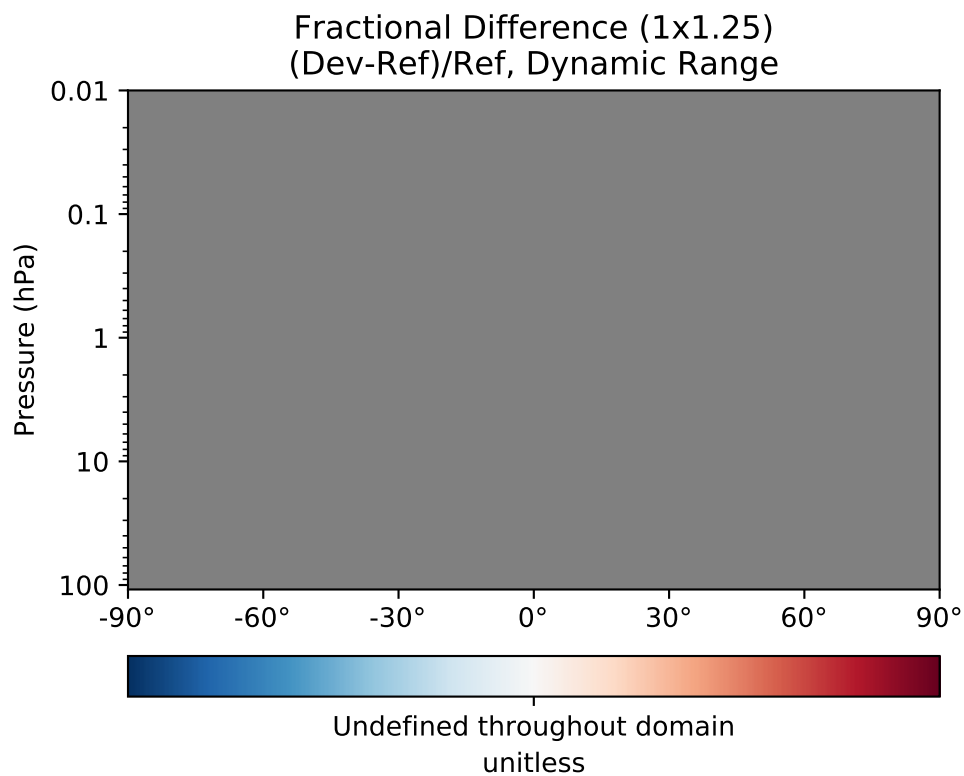
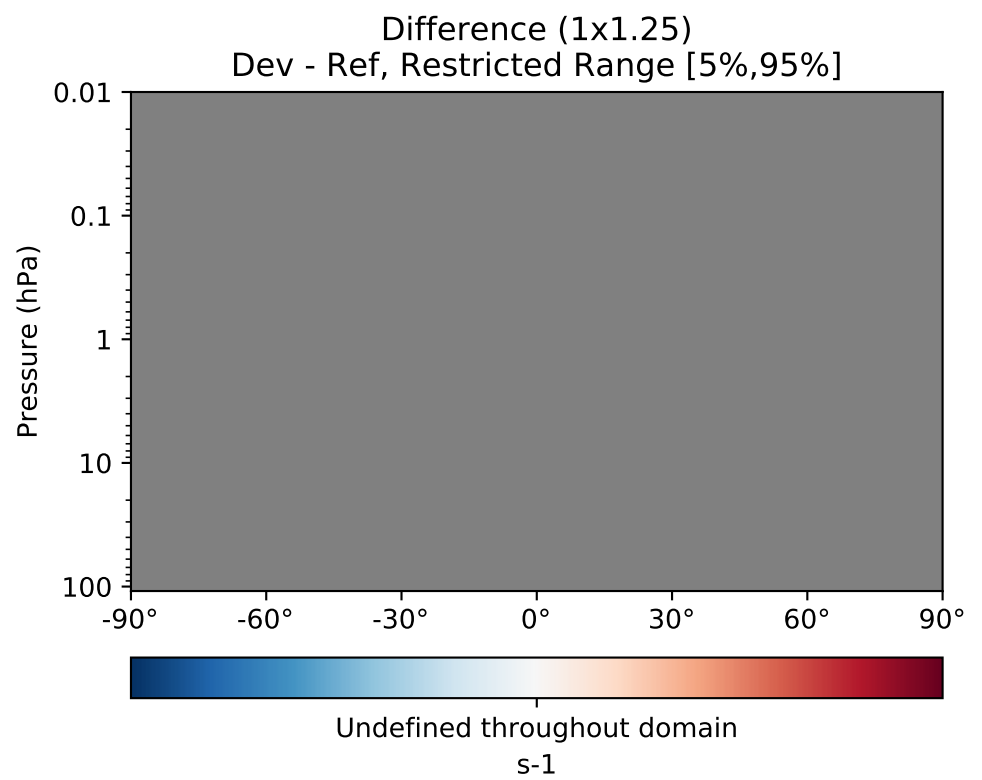
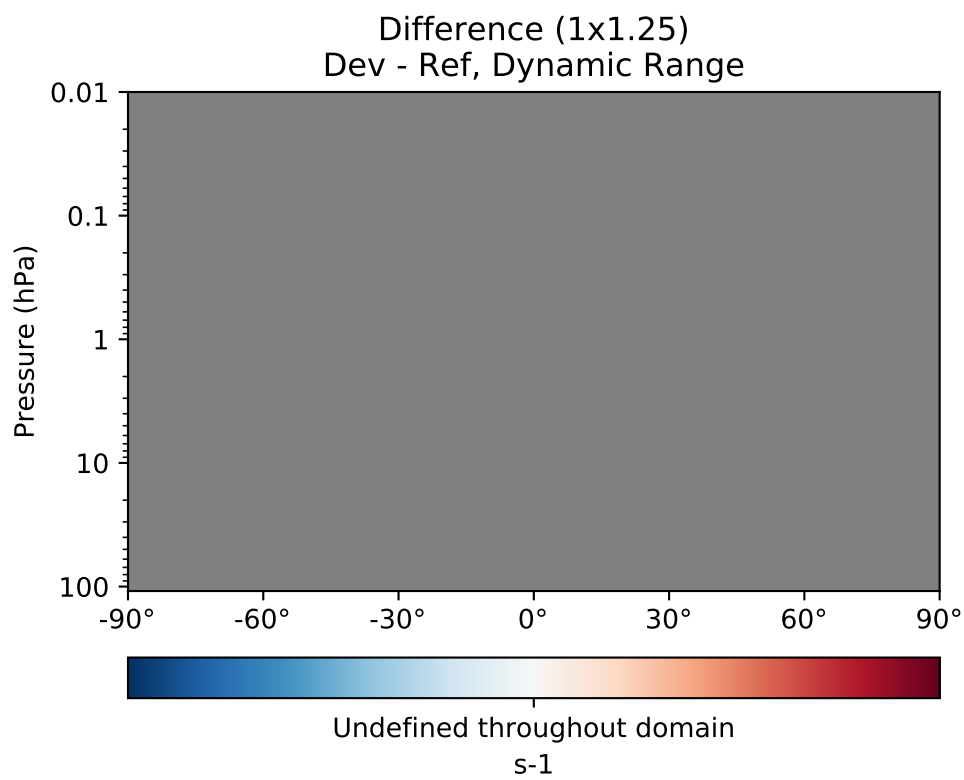
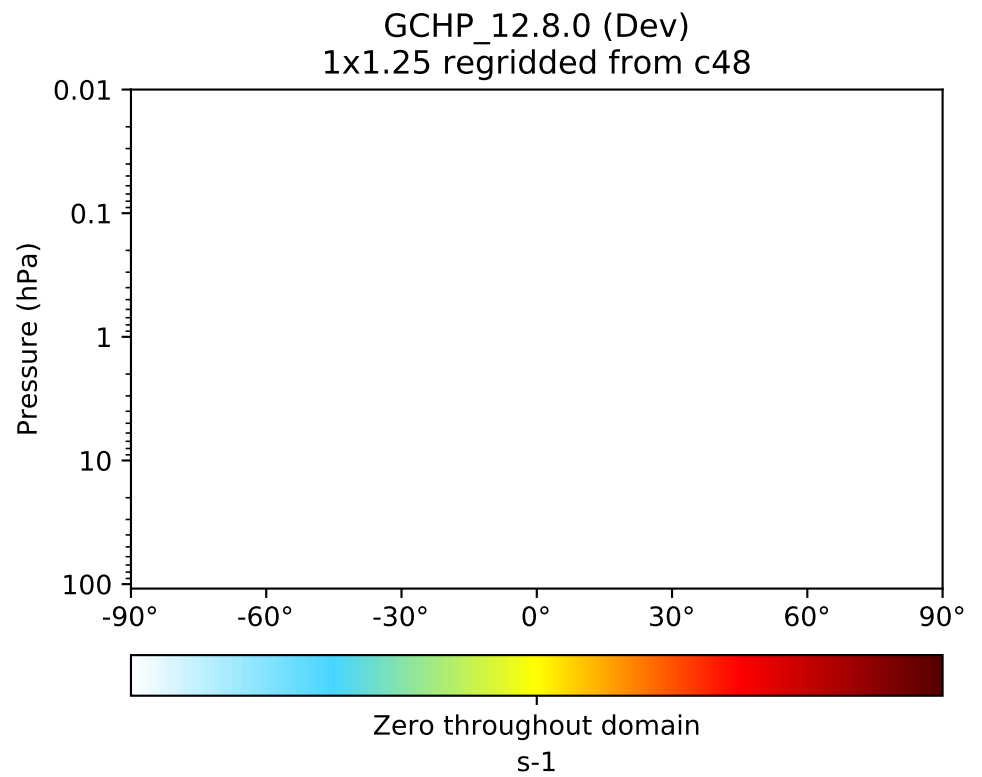
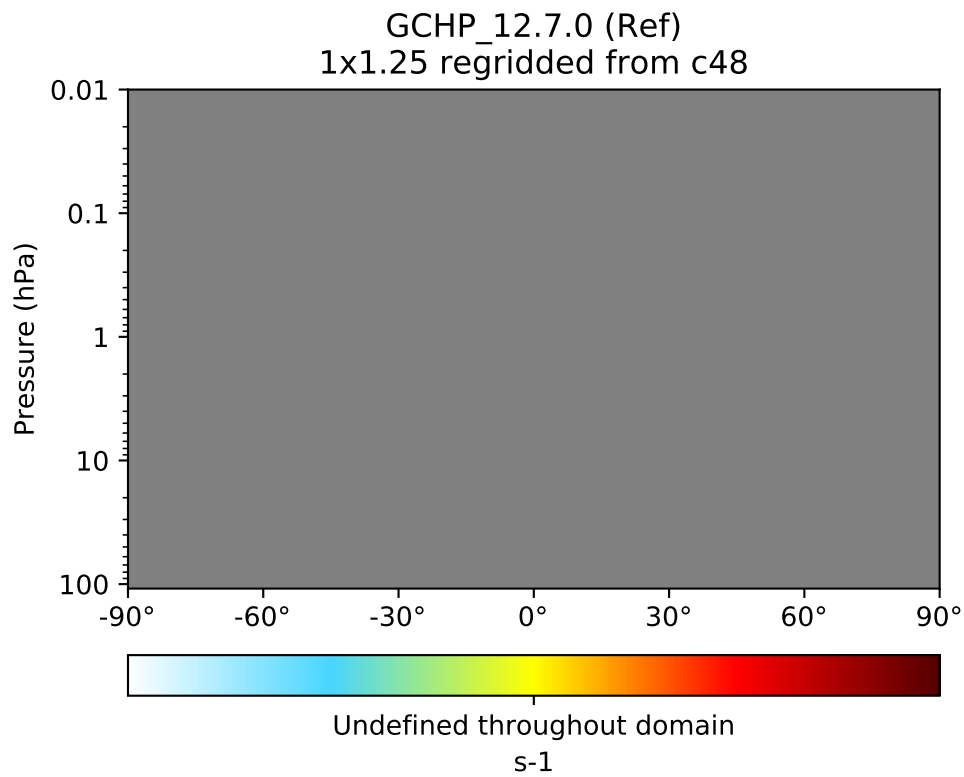
Jval_IHN2, Zonal Mean



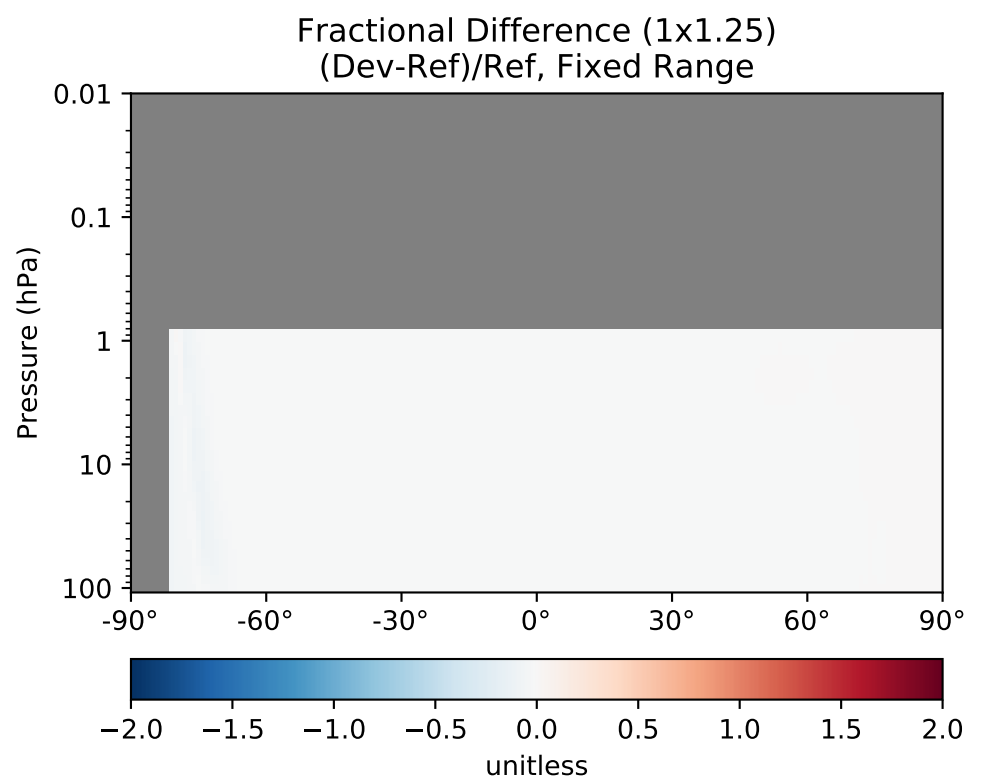
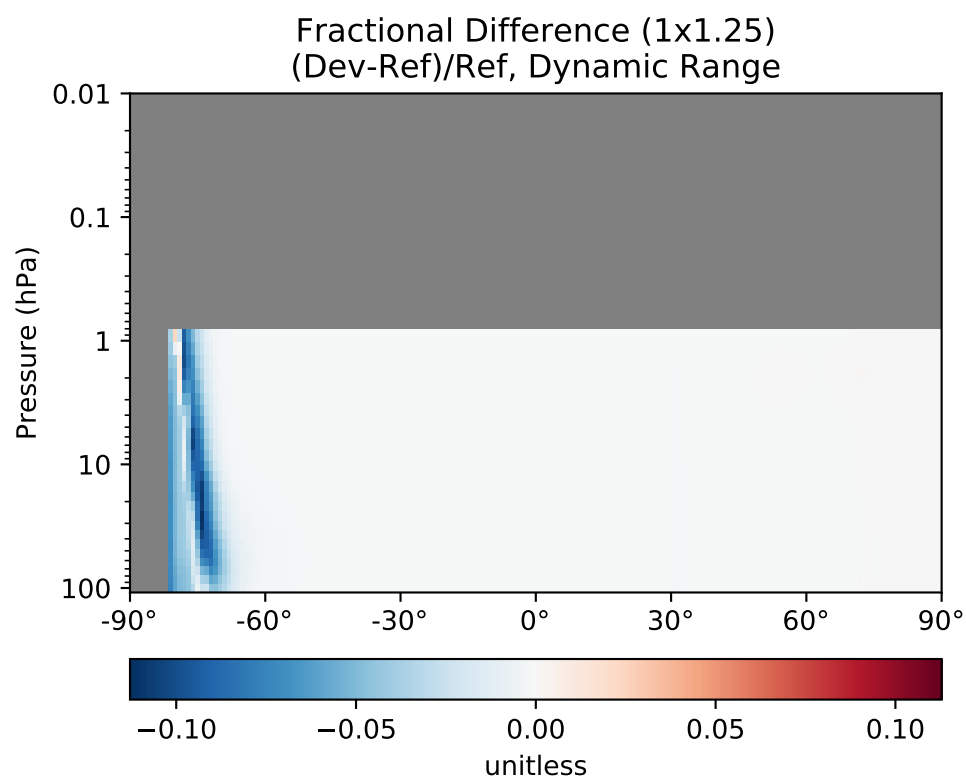
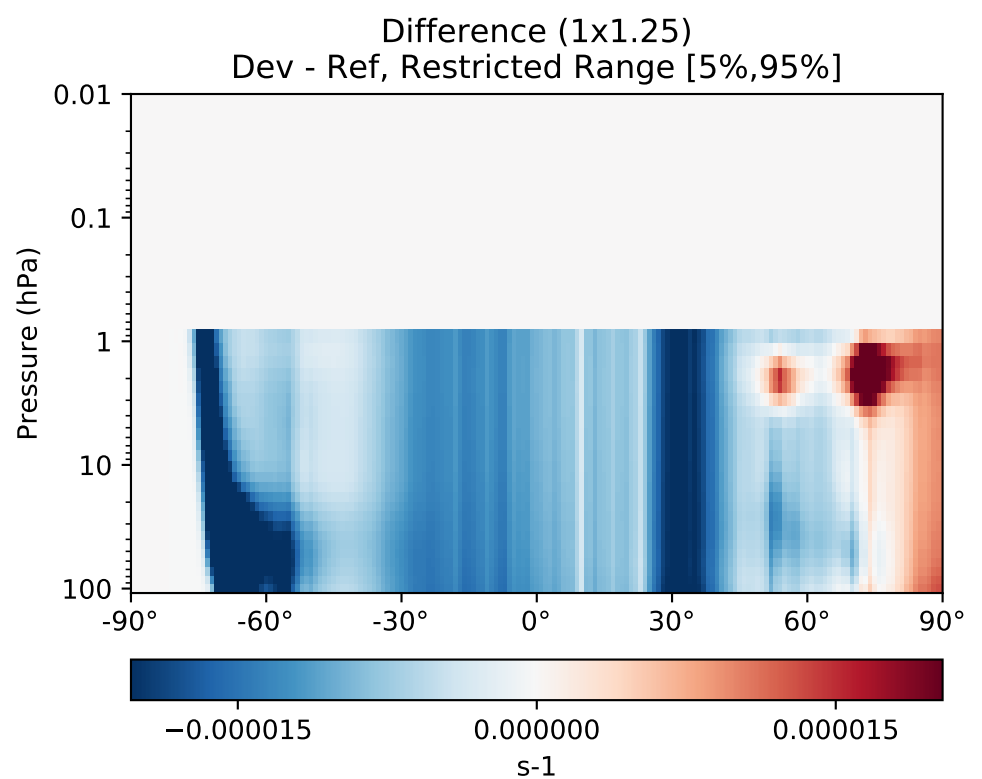
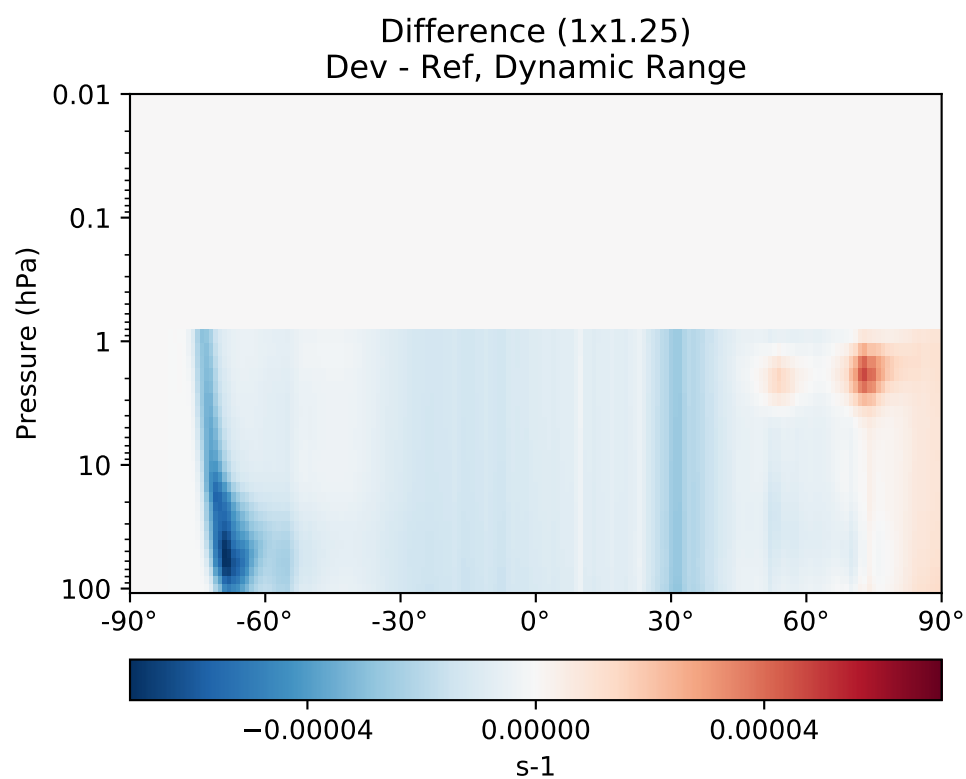
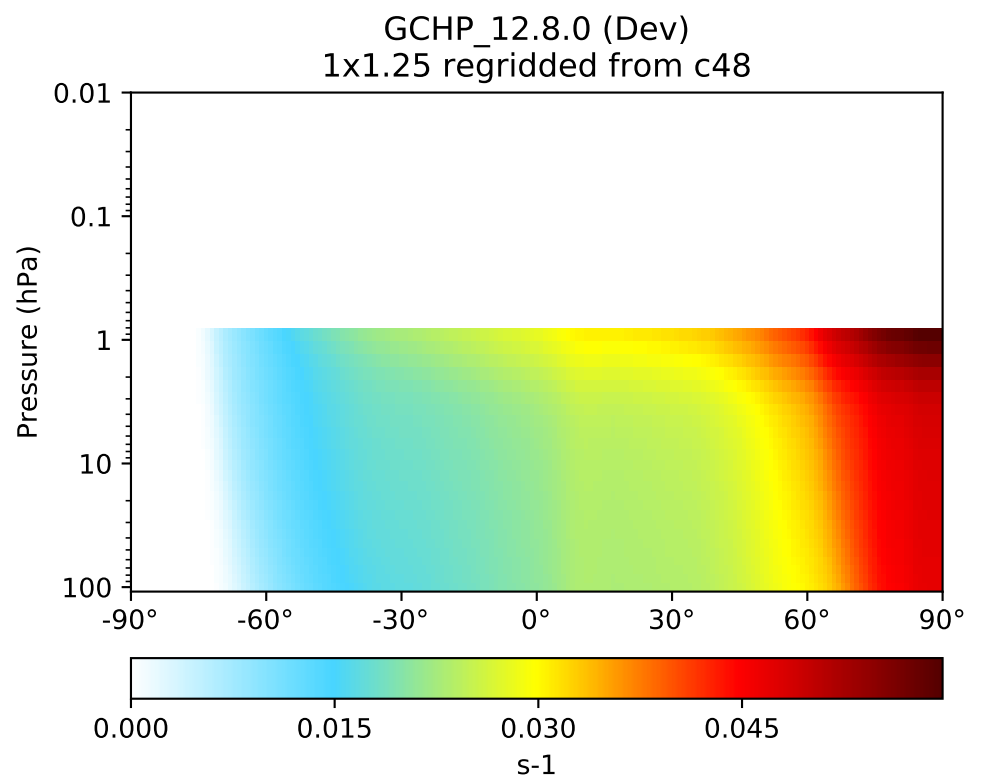
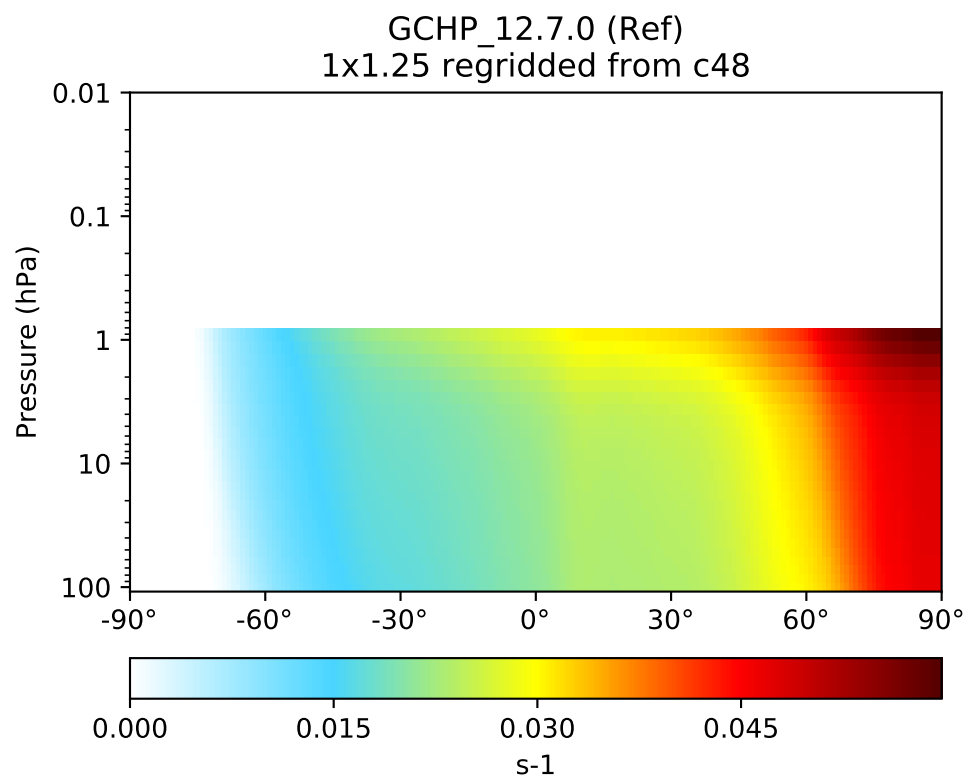
Jval_IHN3, Zonal Mean



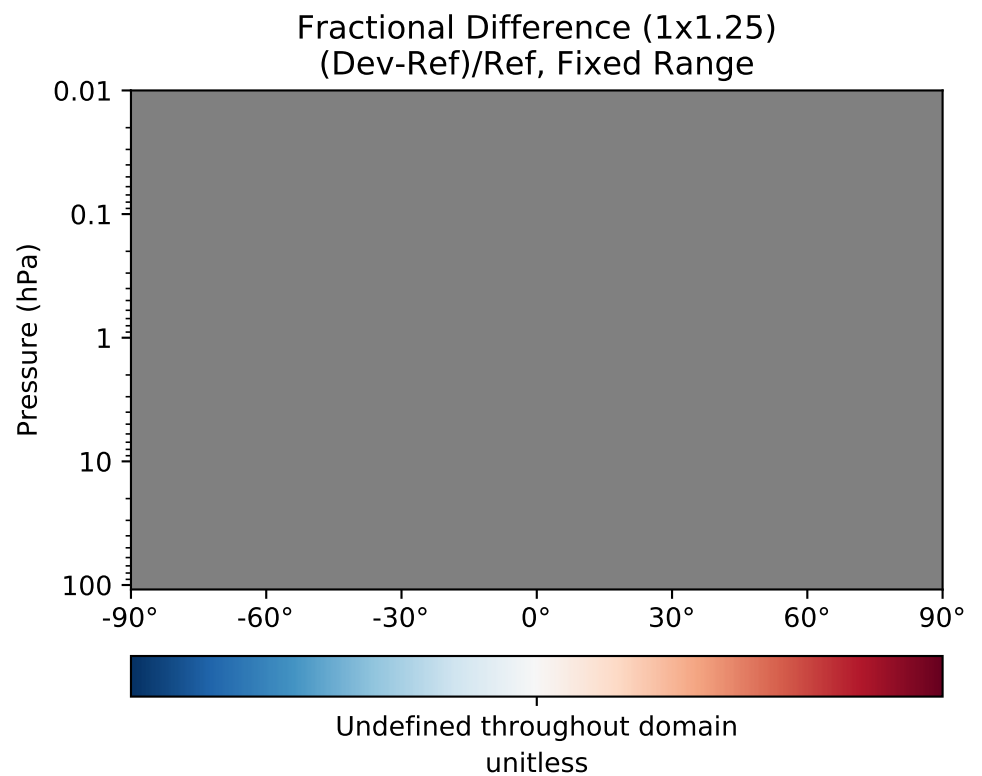
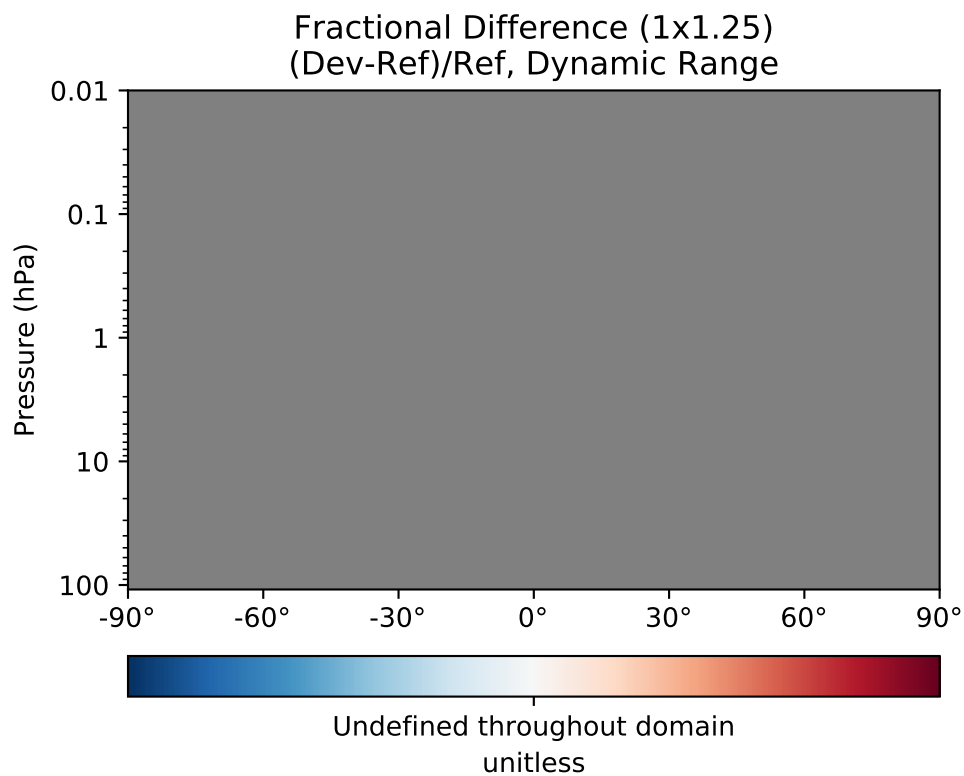
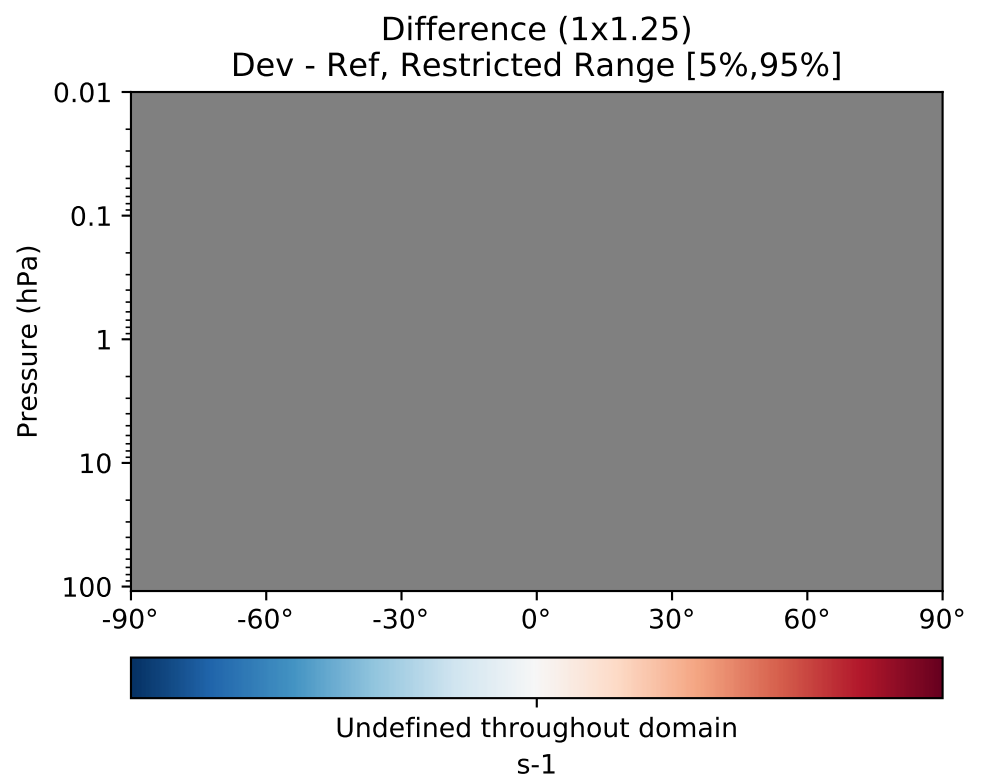
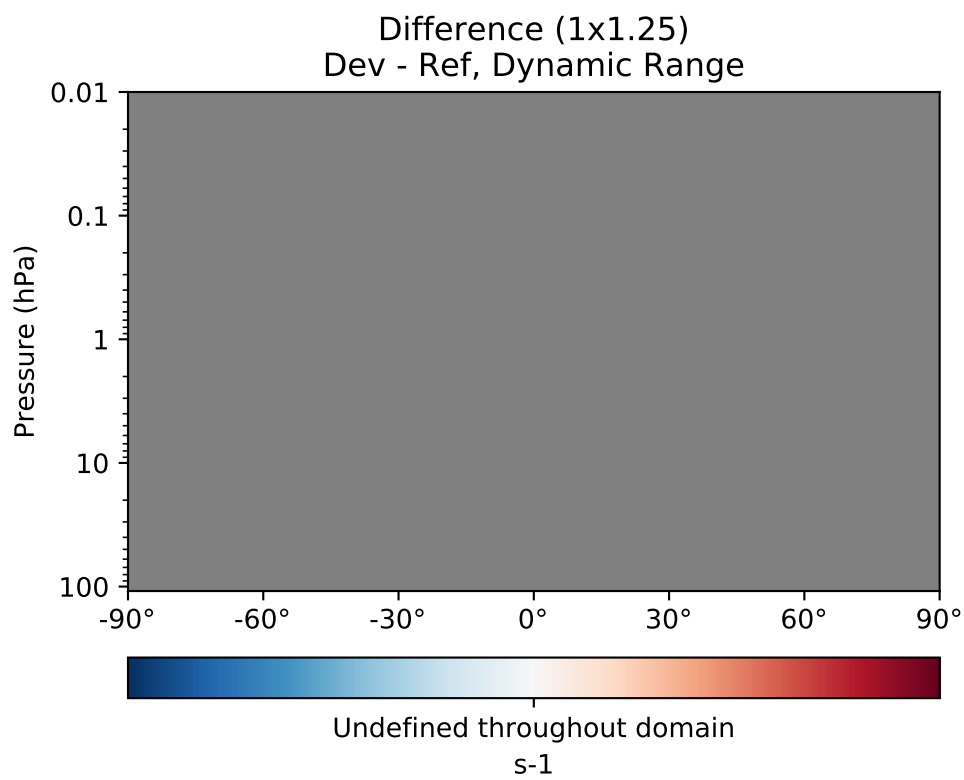
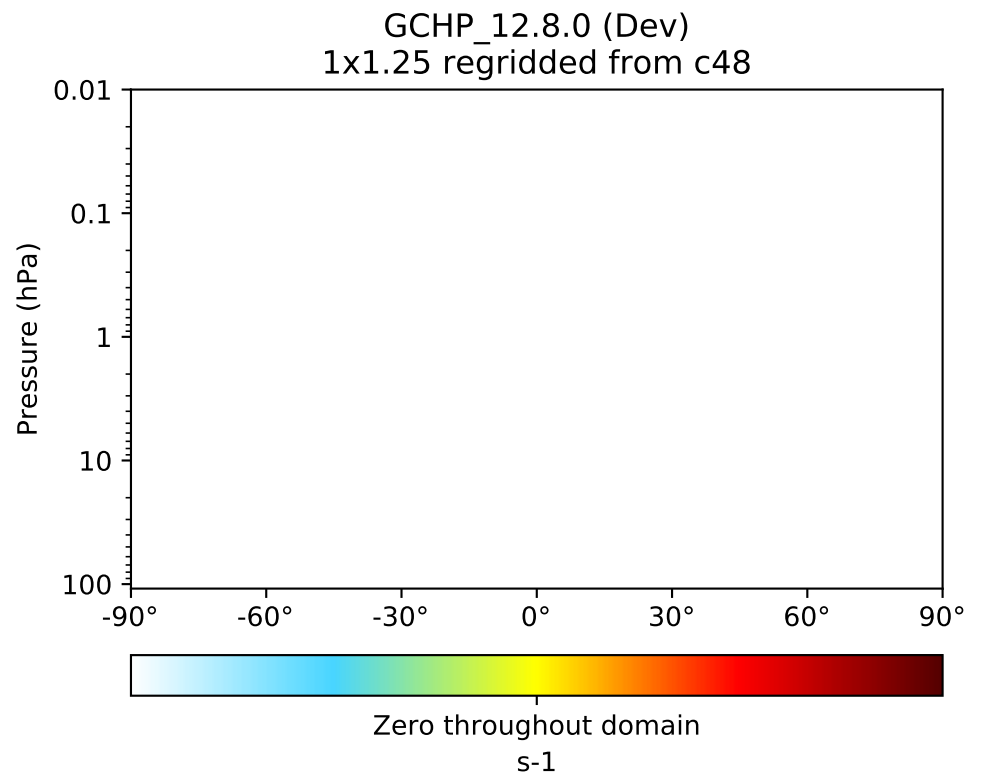
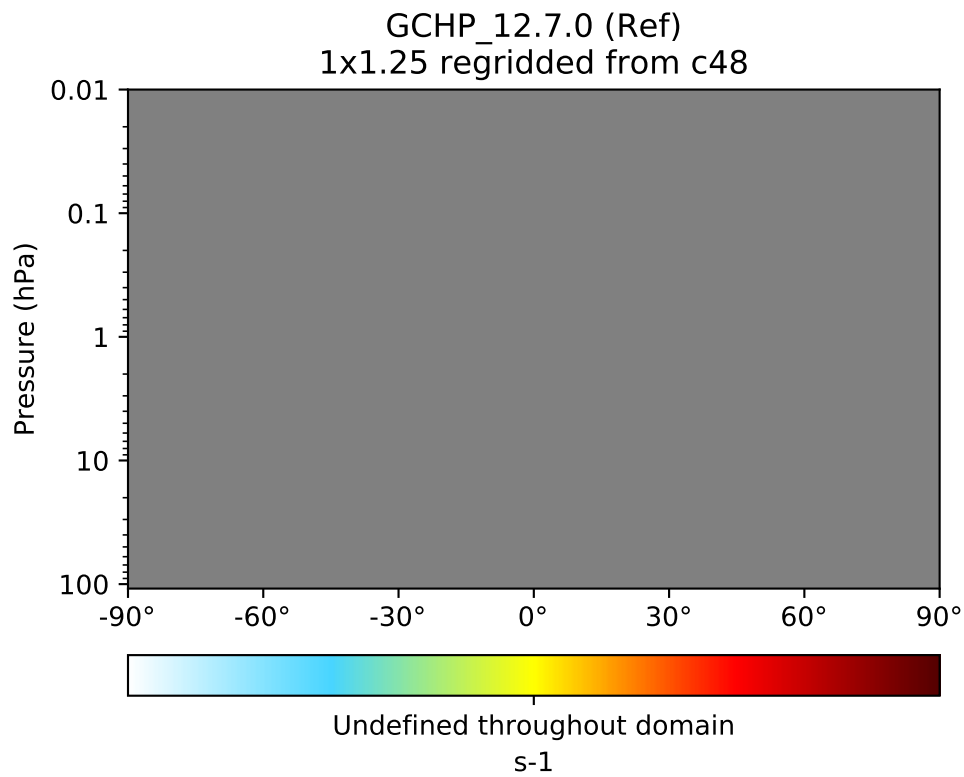
Jval_IHN4, Zonal Mean



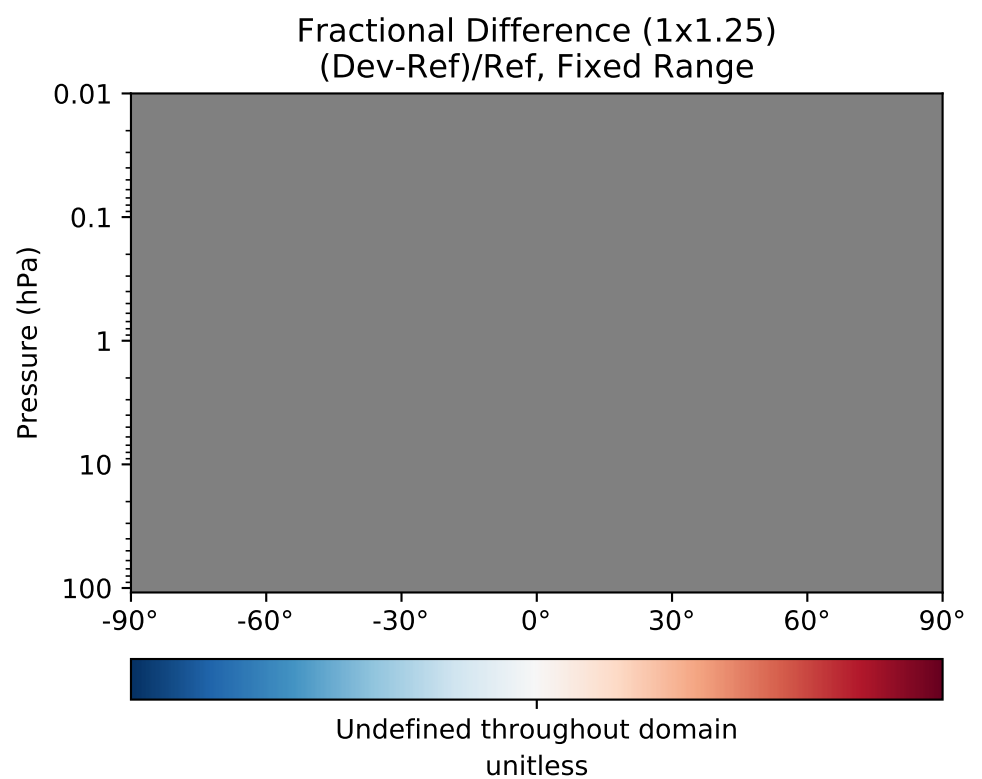
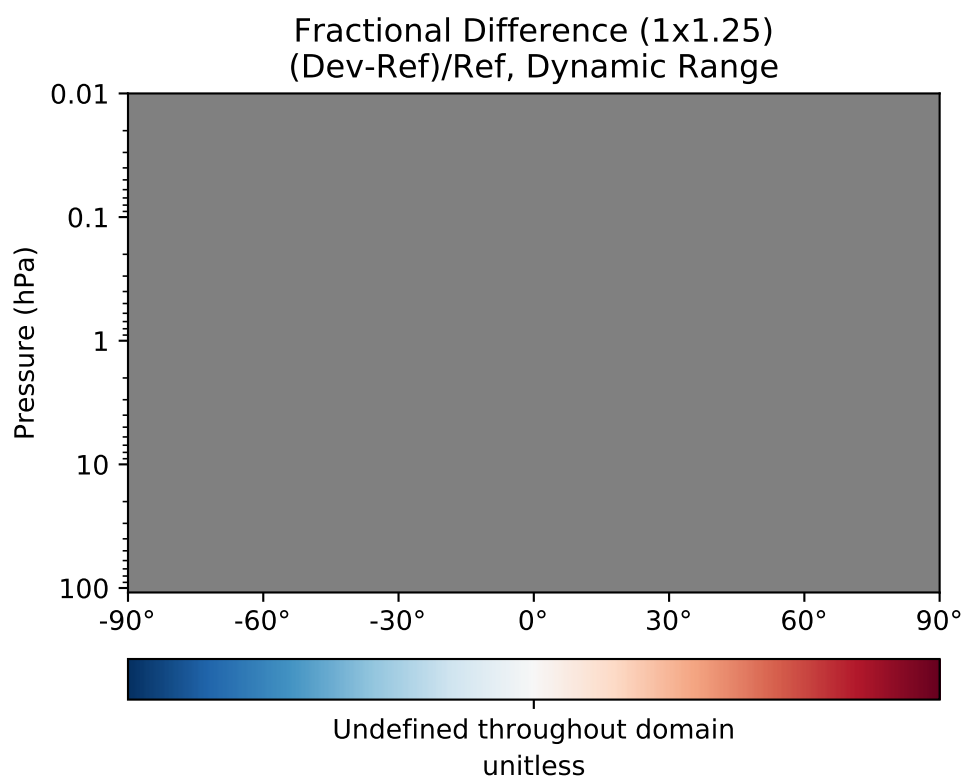
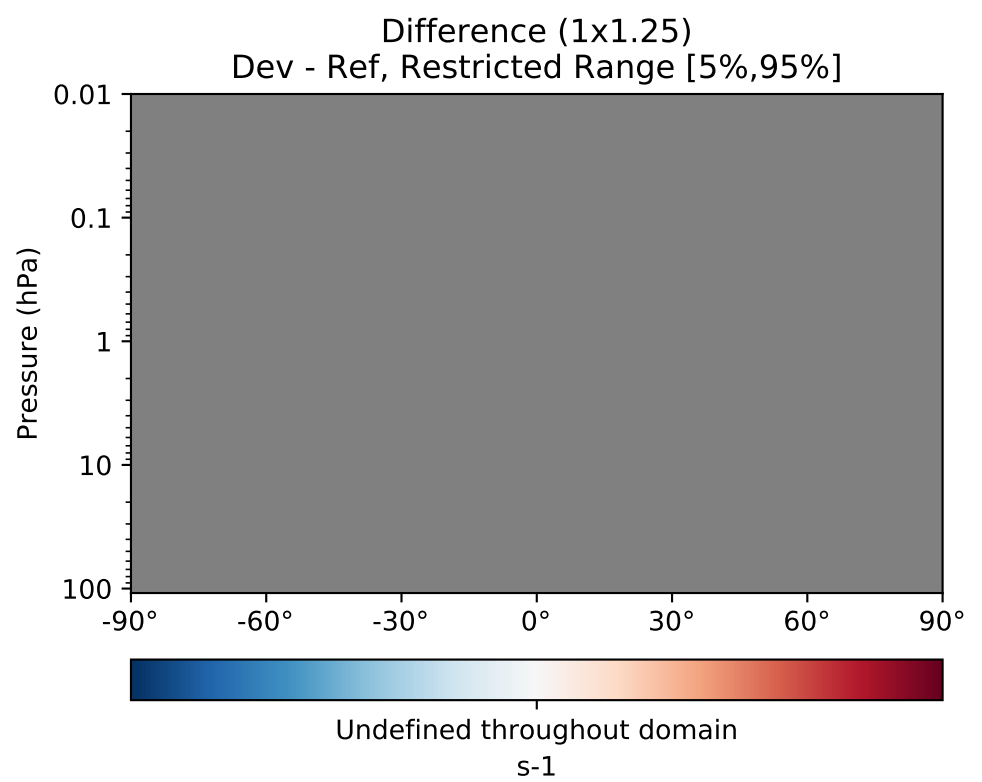
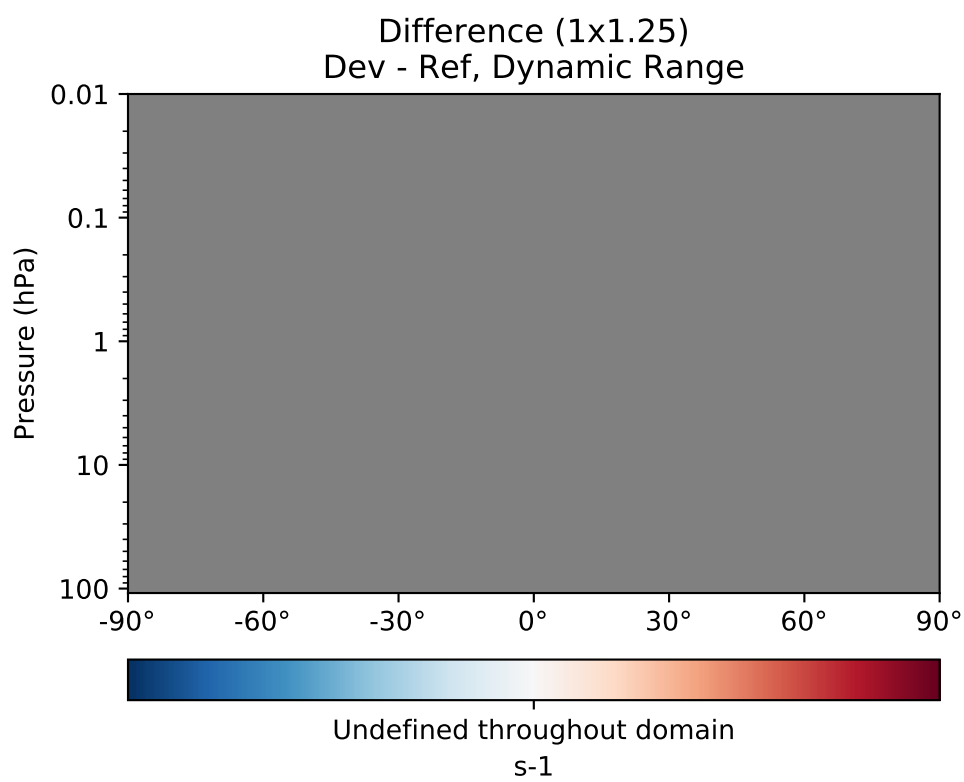
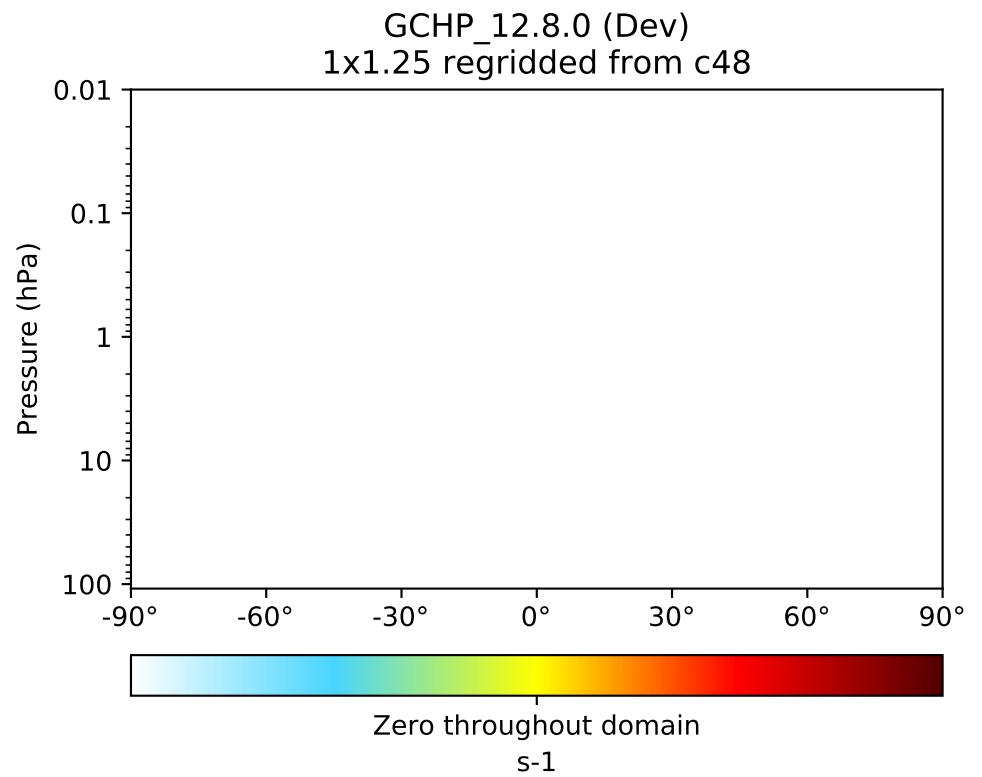
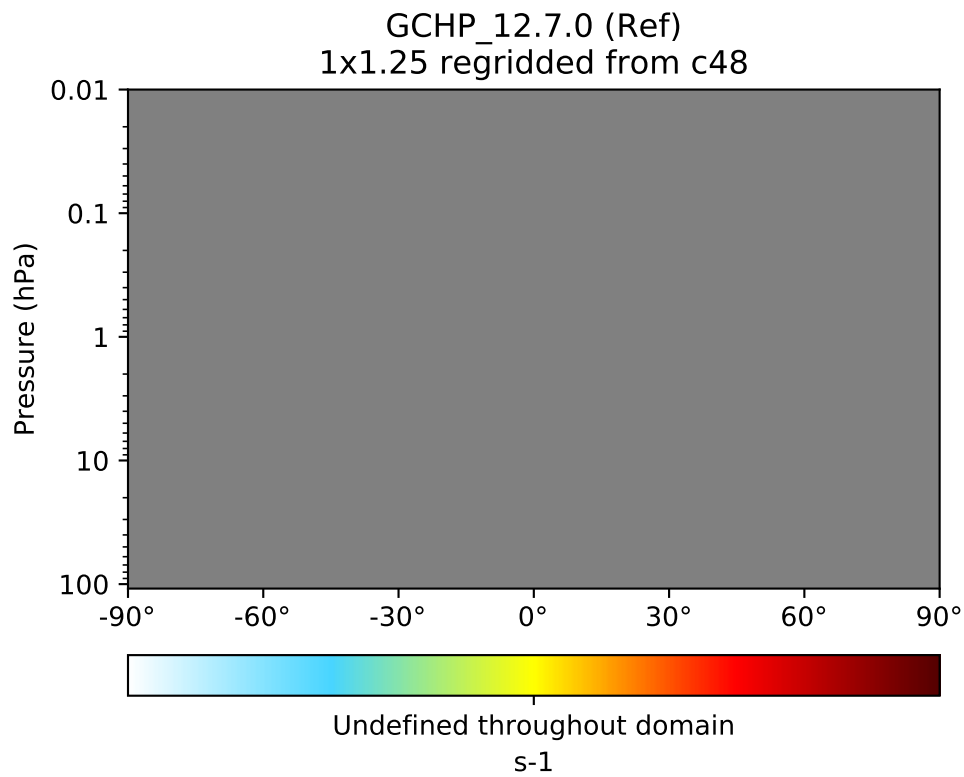
Jval_INO, Zonal Mean



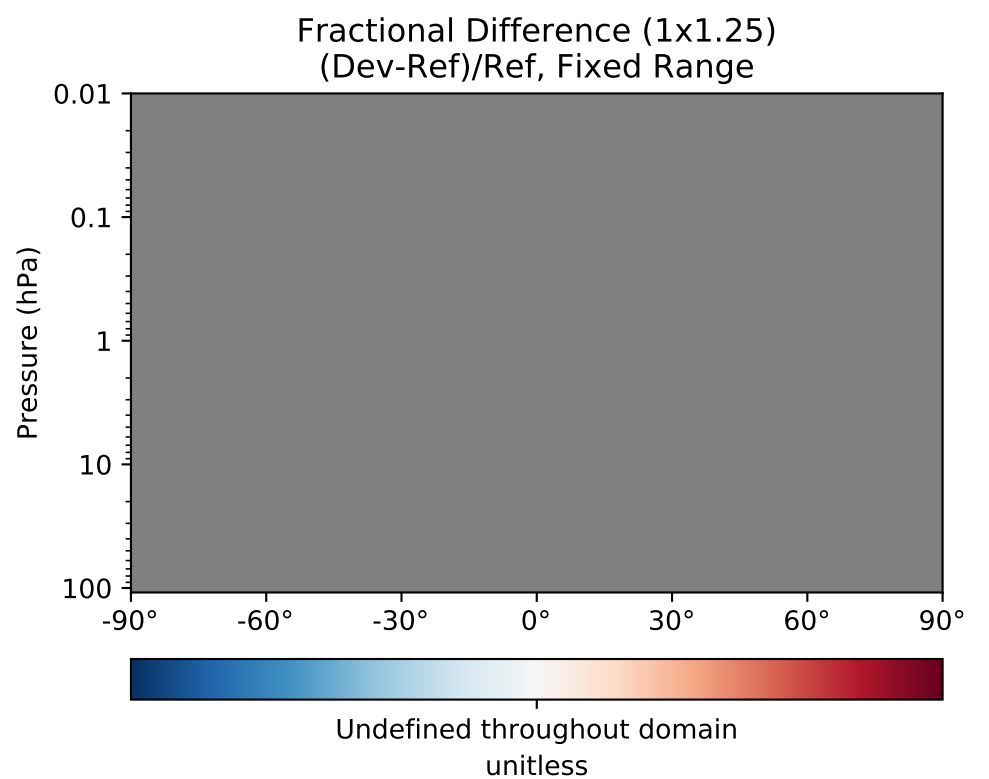
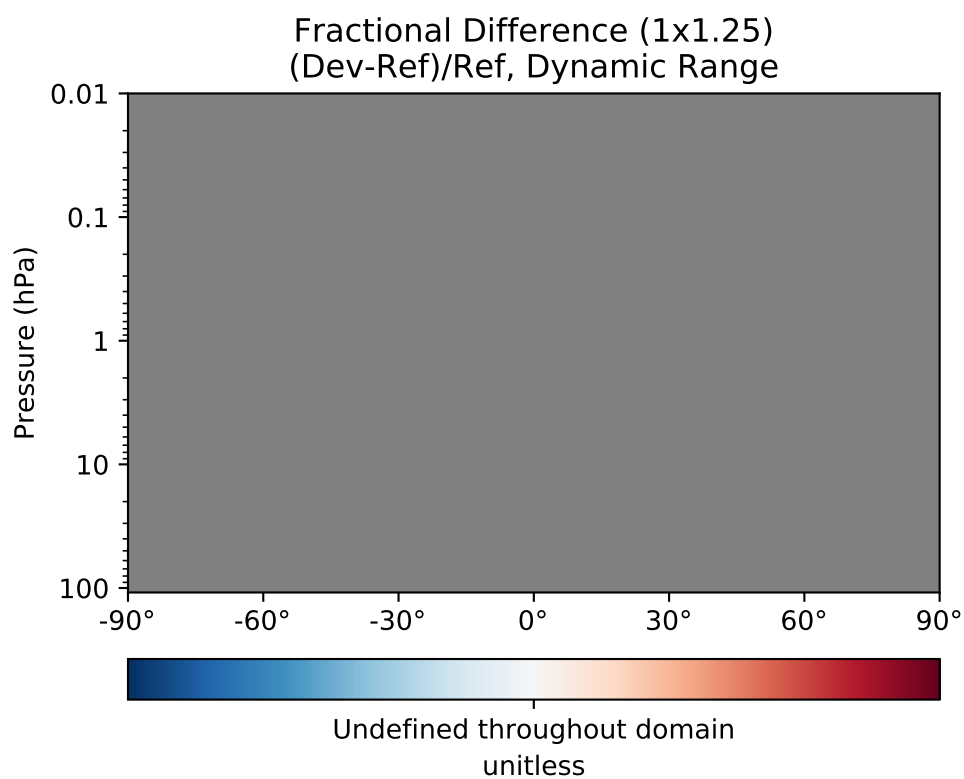
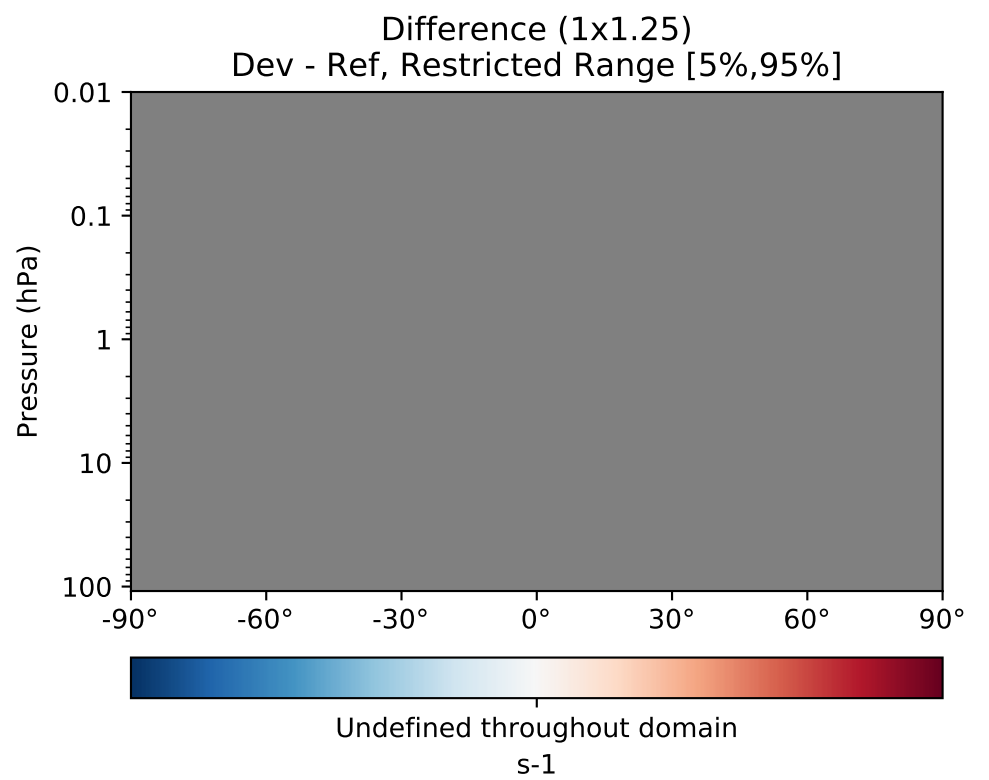
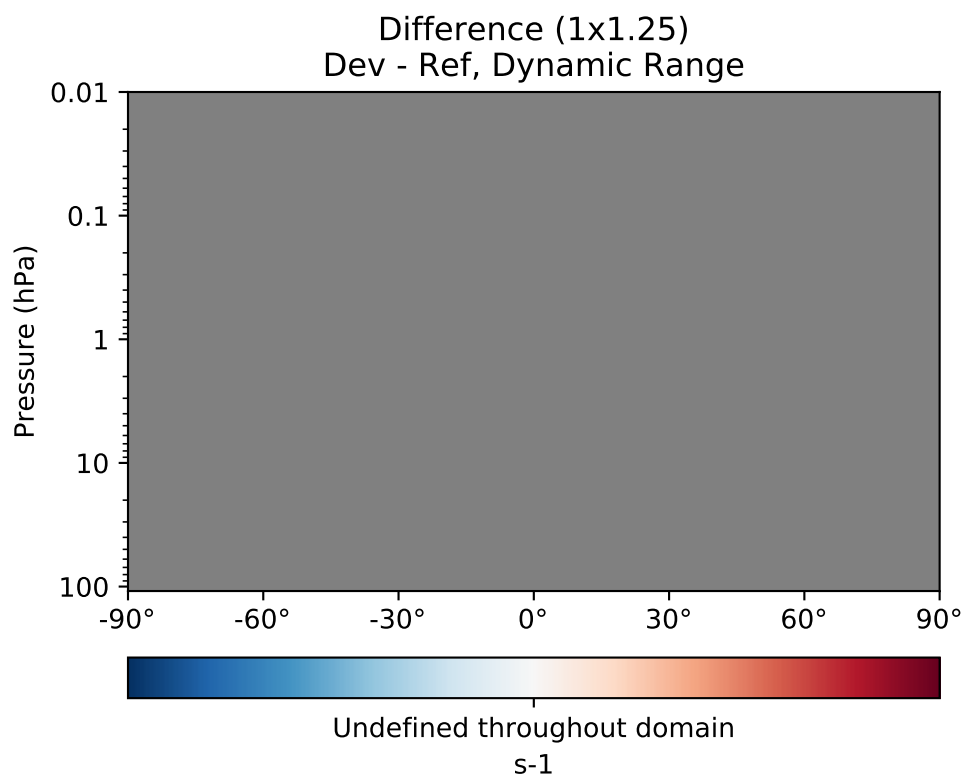
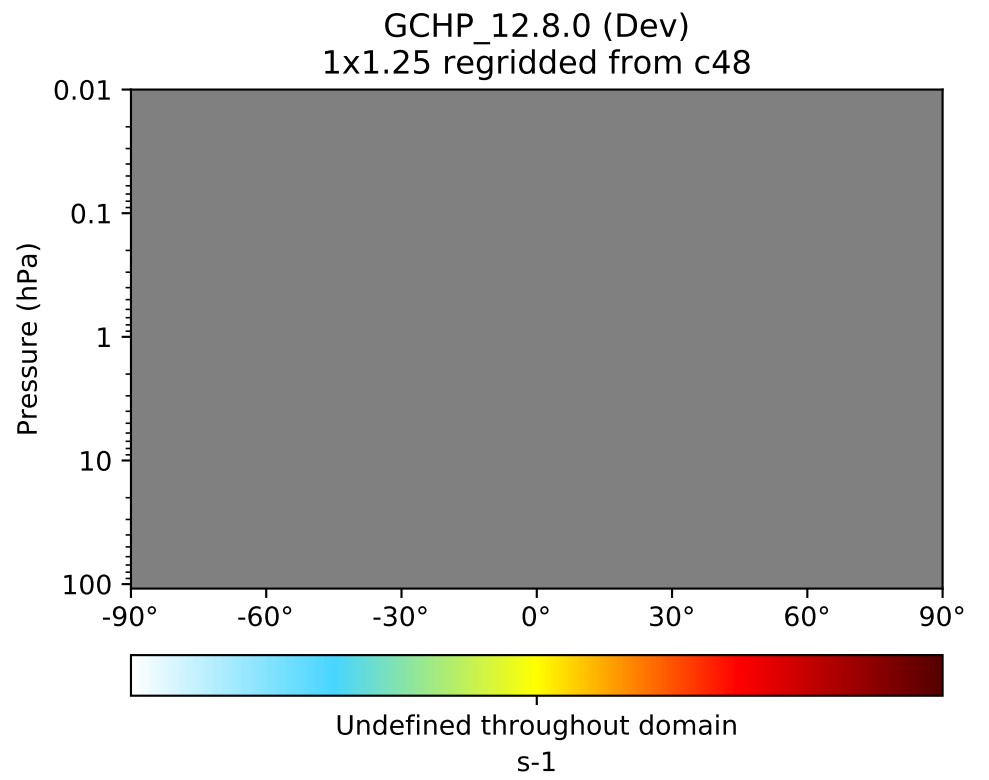
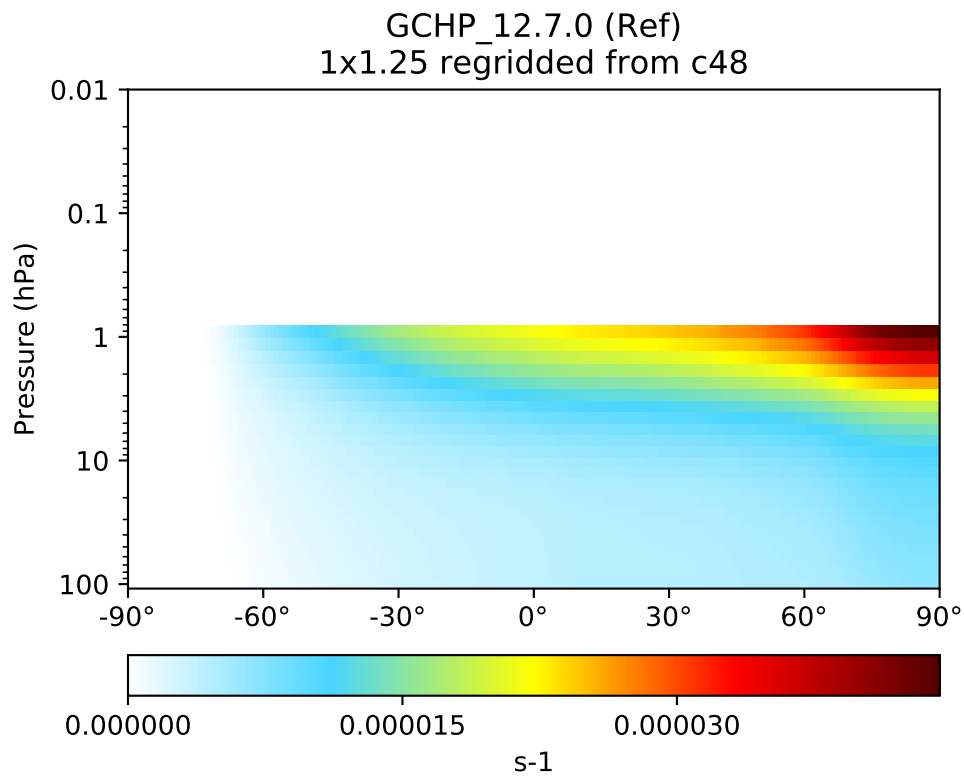
Jval_INPB, Zonal Mean



Jval_INPD, Zonal Mean

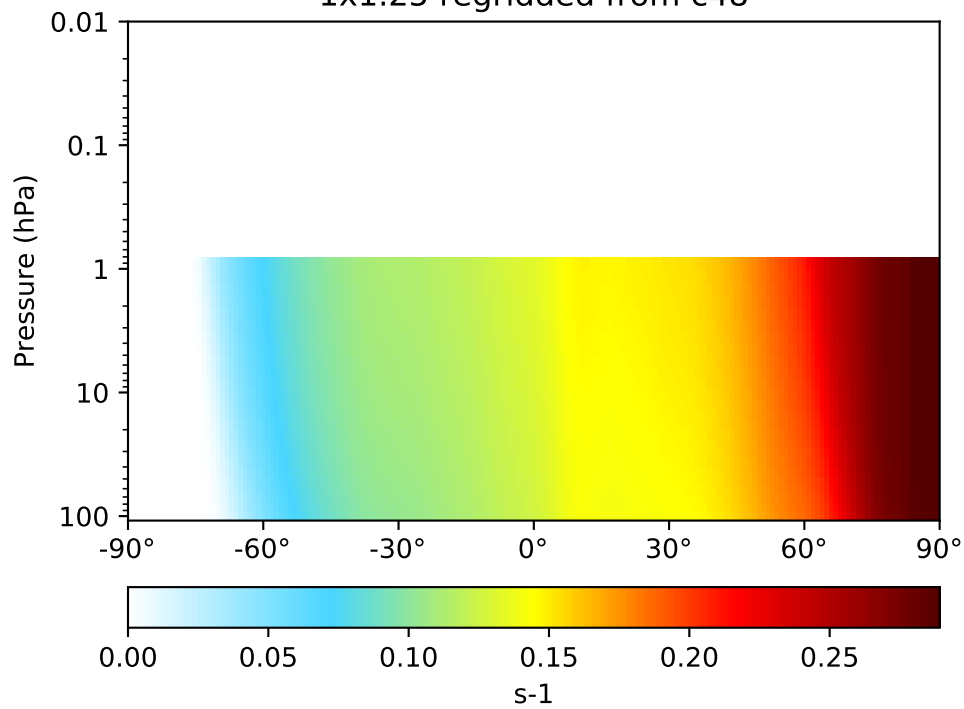


Jval_INPN, Zonal Mean

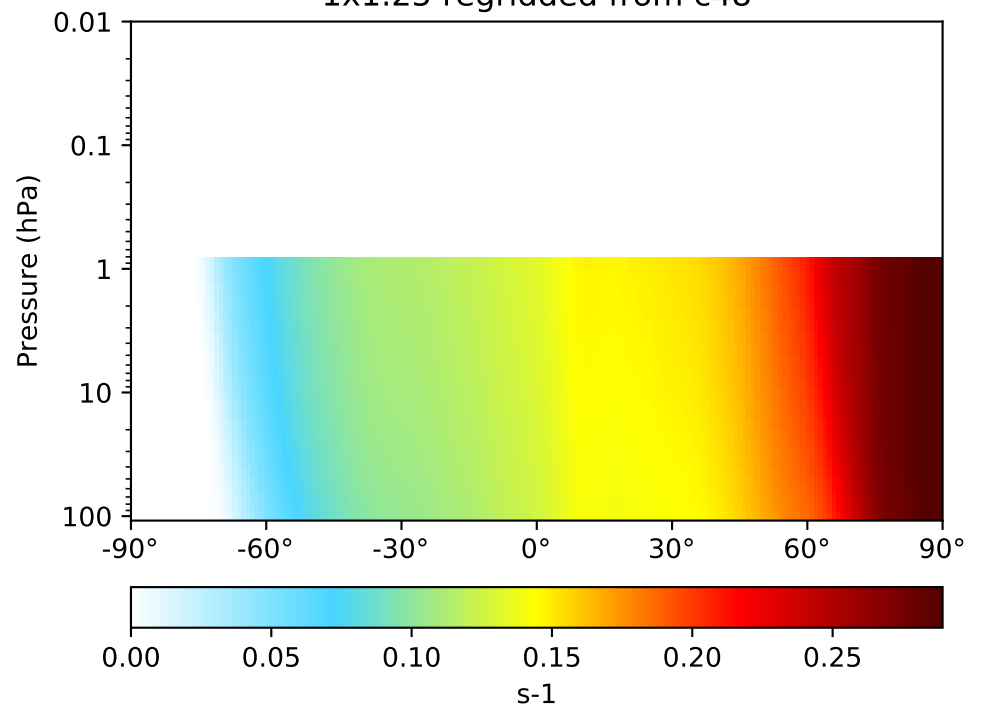


Jval_IO, Zonal Mean

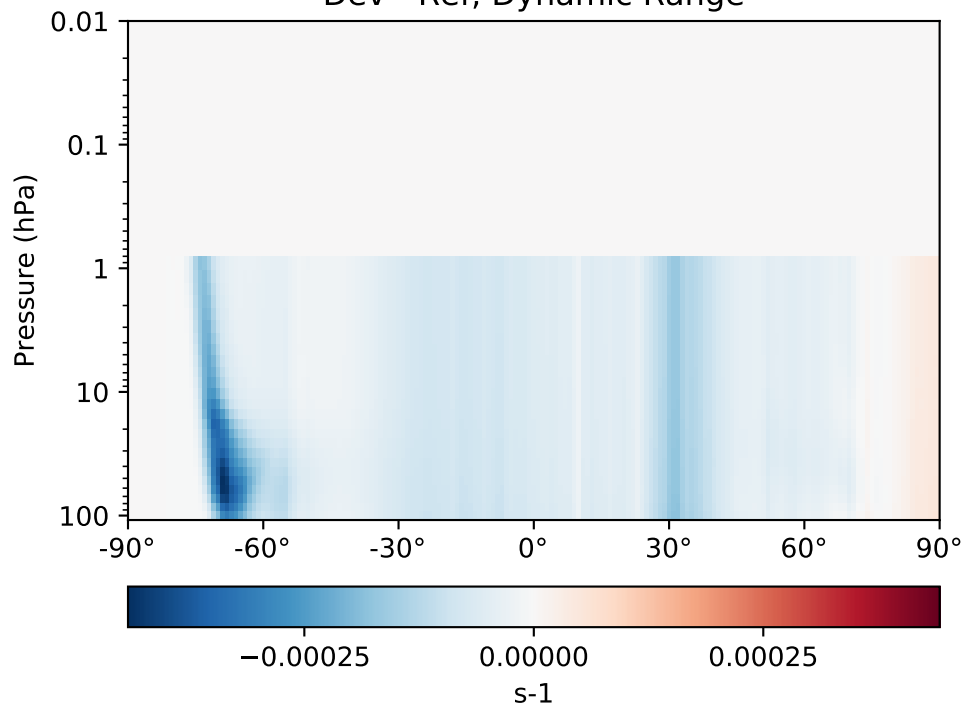
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



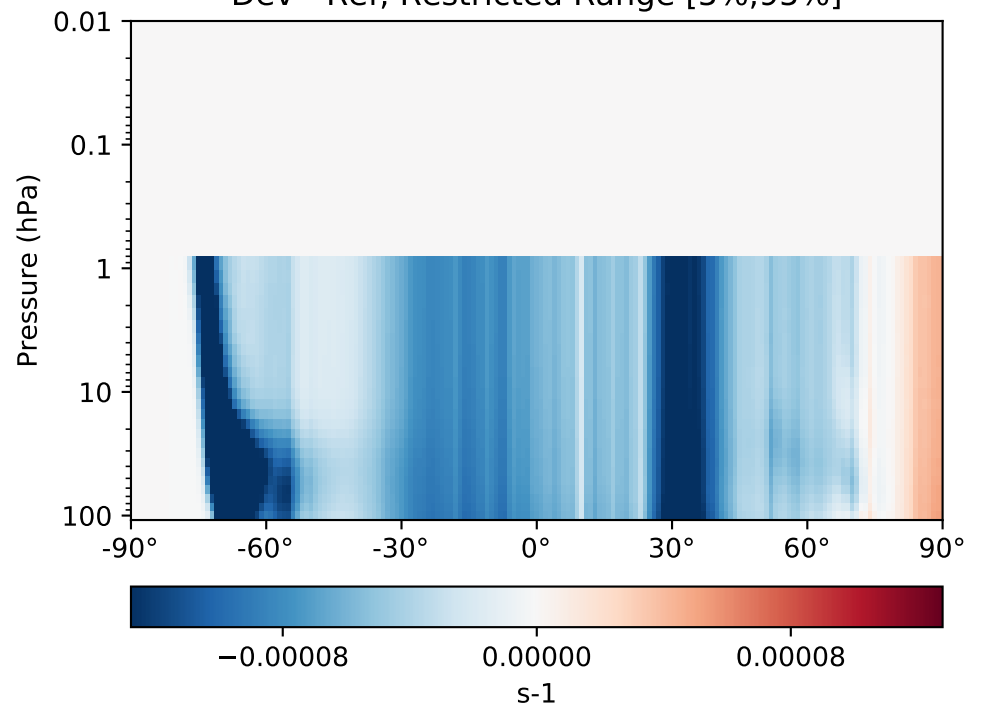
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



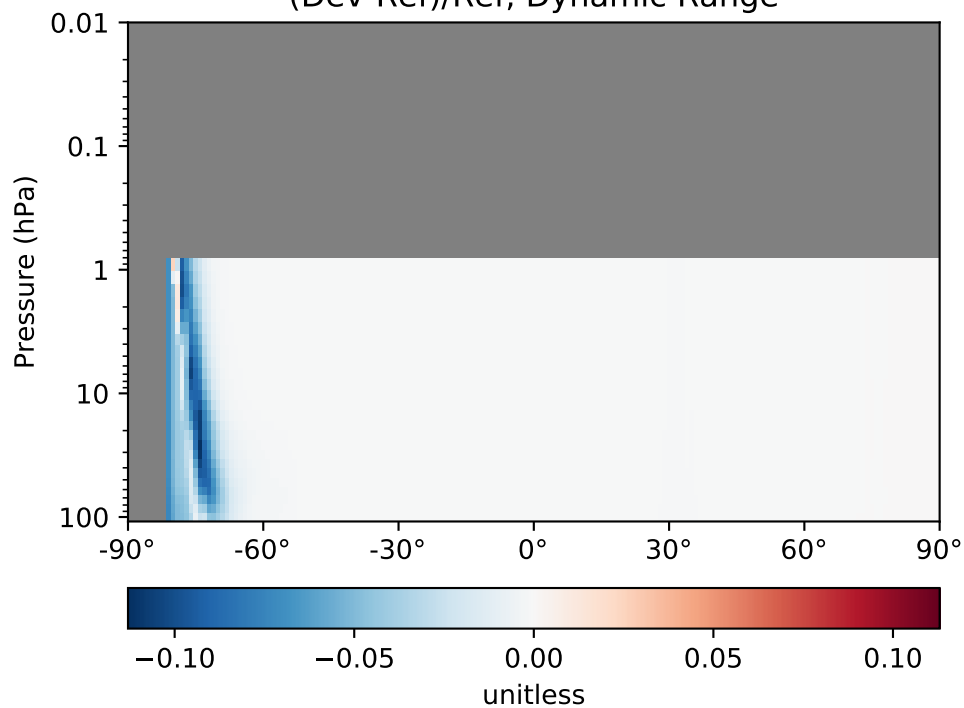
Difference (1x1.25)
Dev - Ref, Dynamic Range



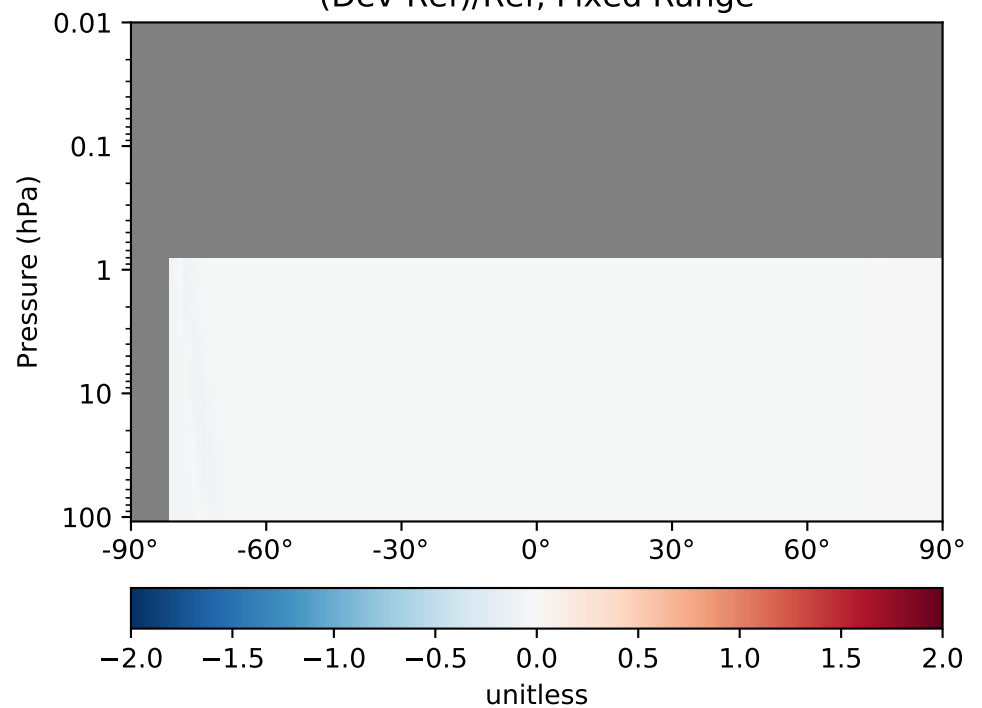
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

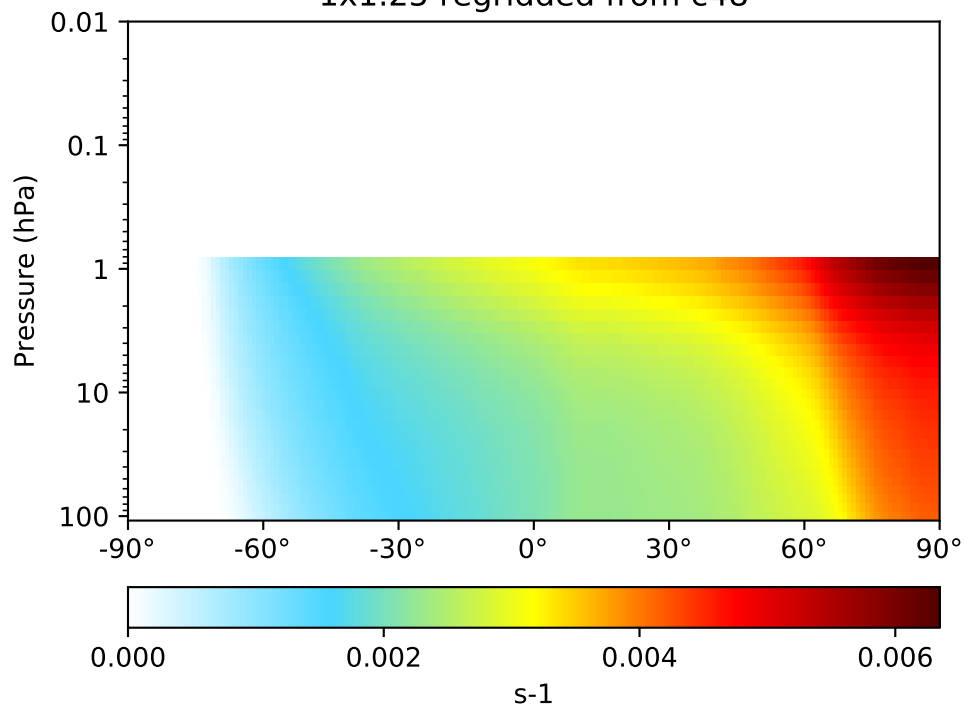


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

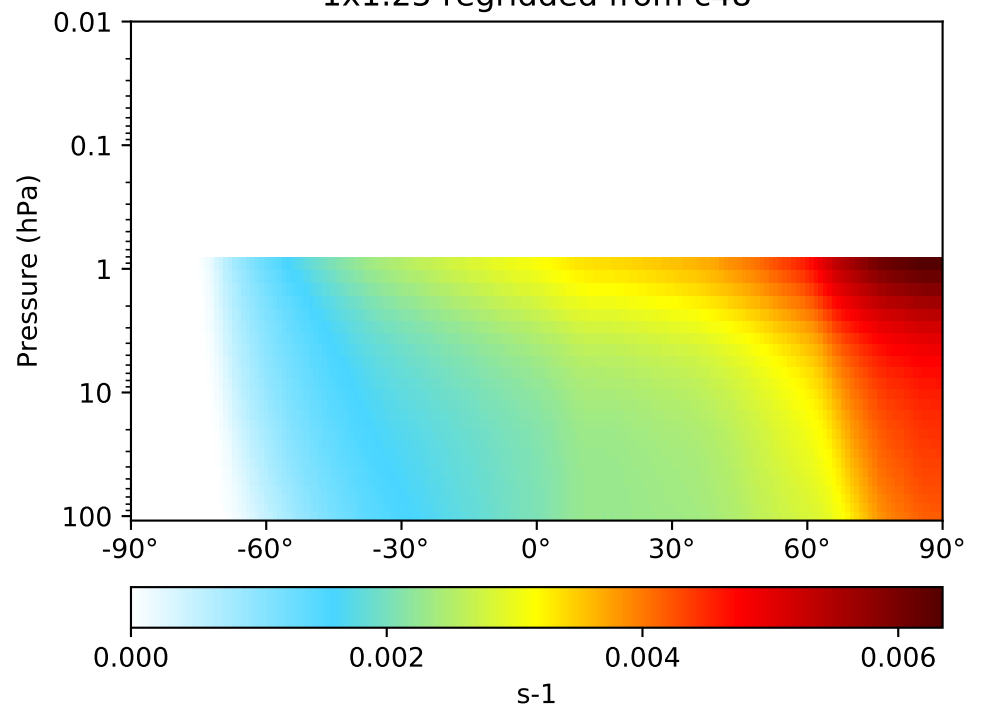


Jval_IONO, Zonal Mean

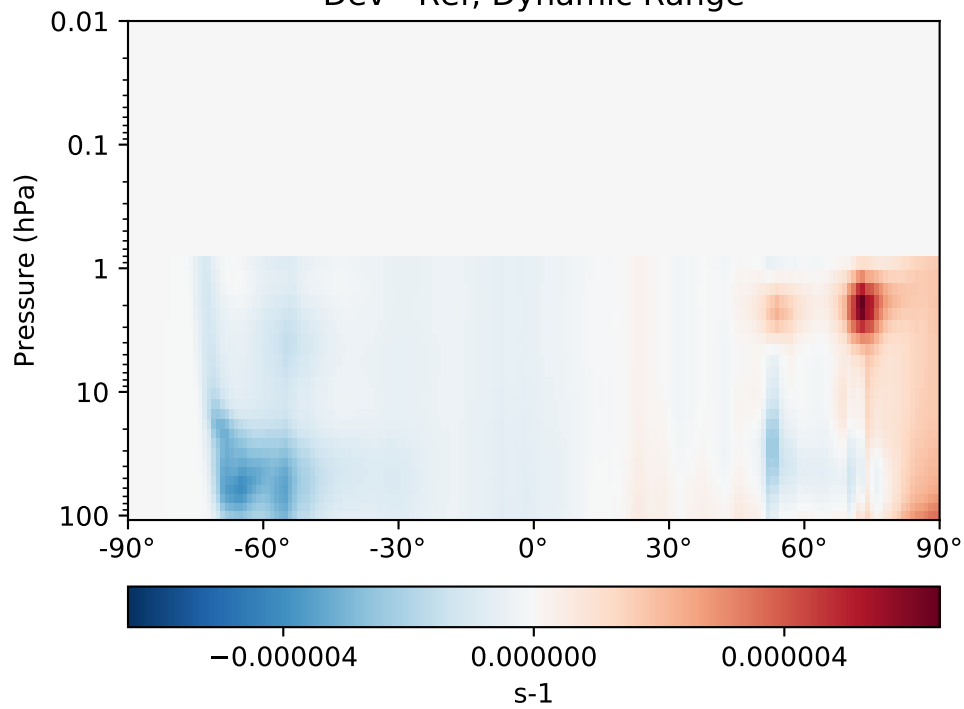
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



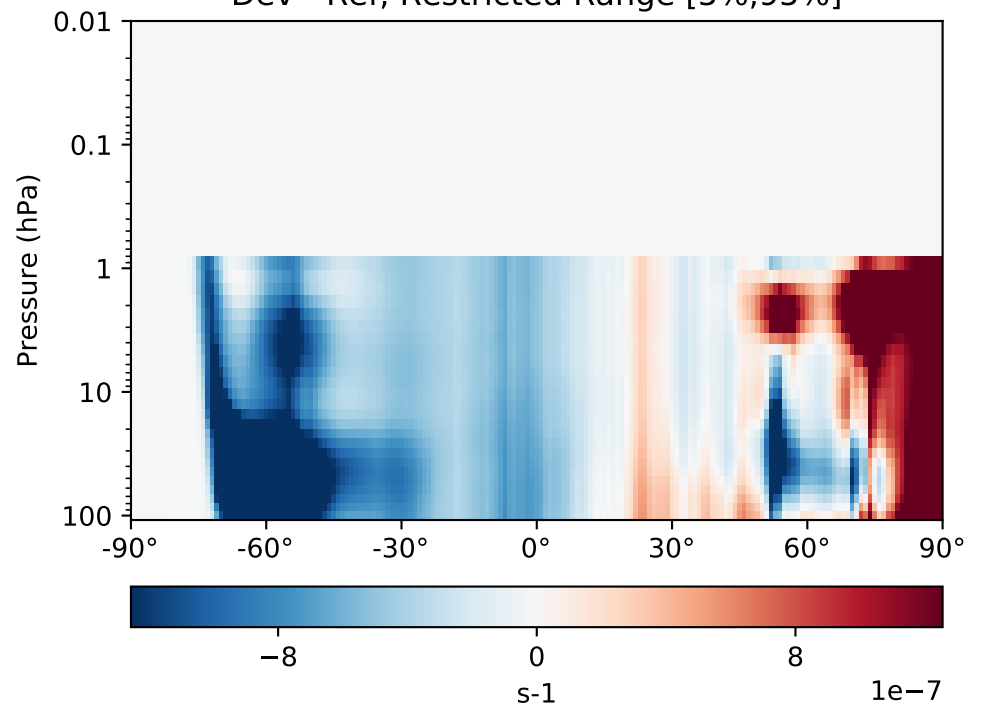
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



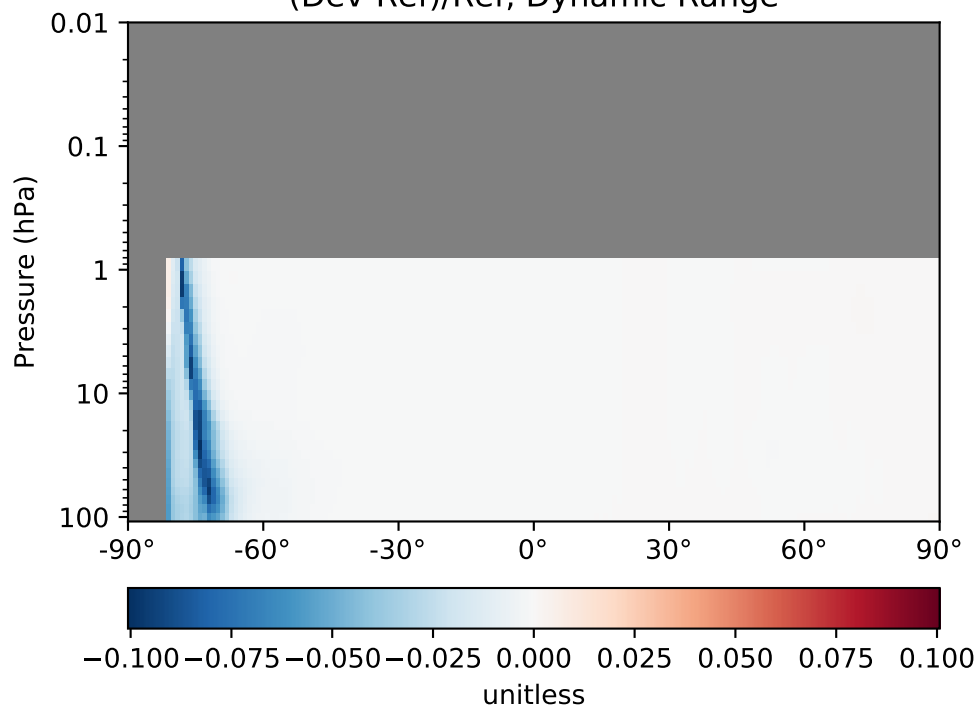
Difference (1x1.25)
Dev - Ref, Dynamic Range



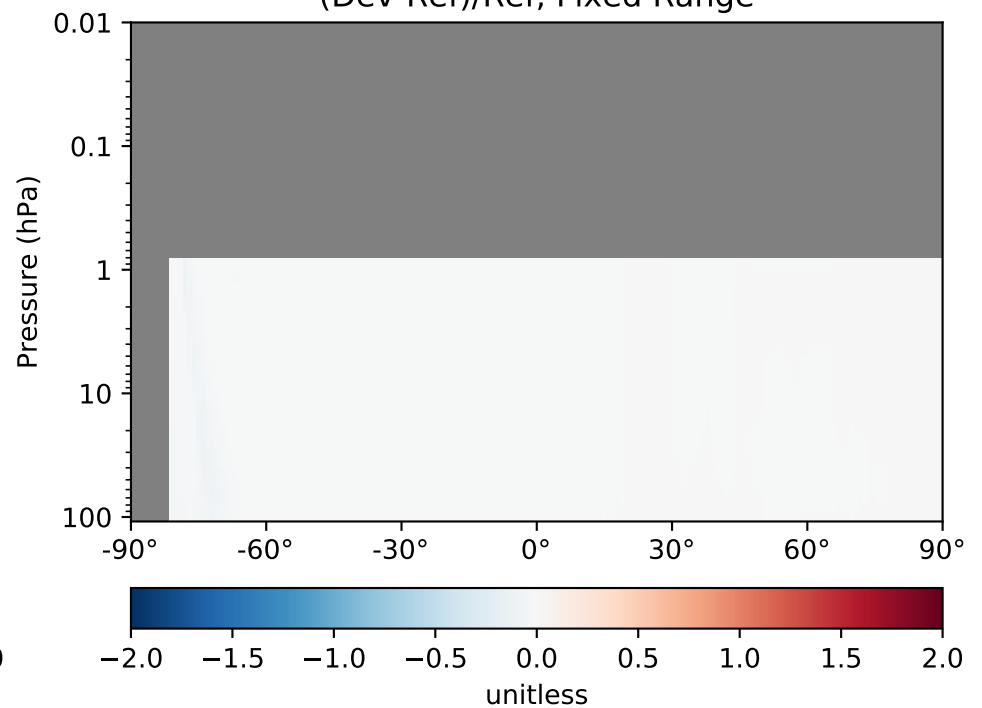
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



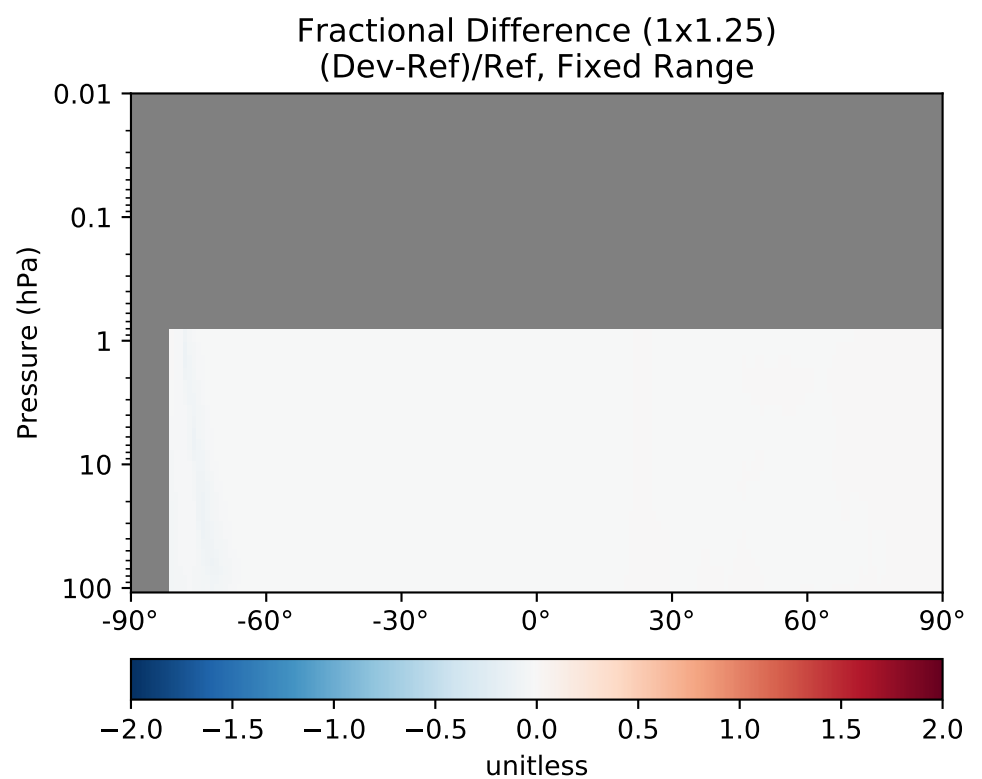
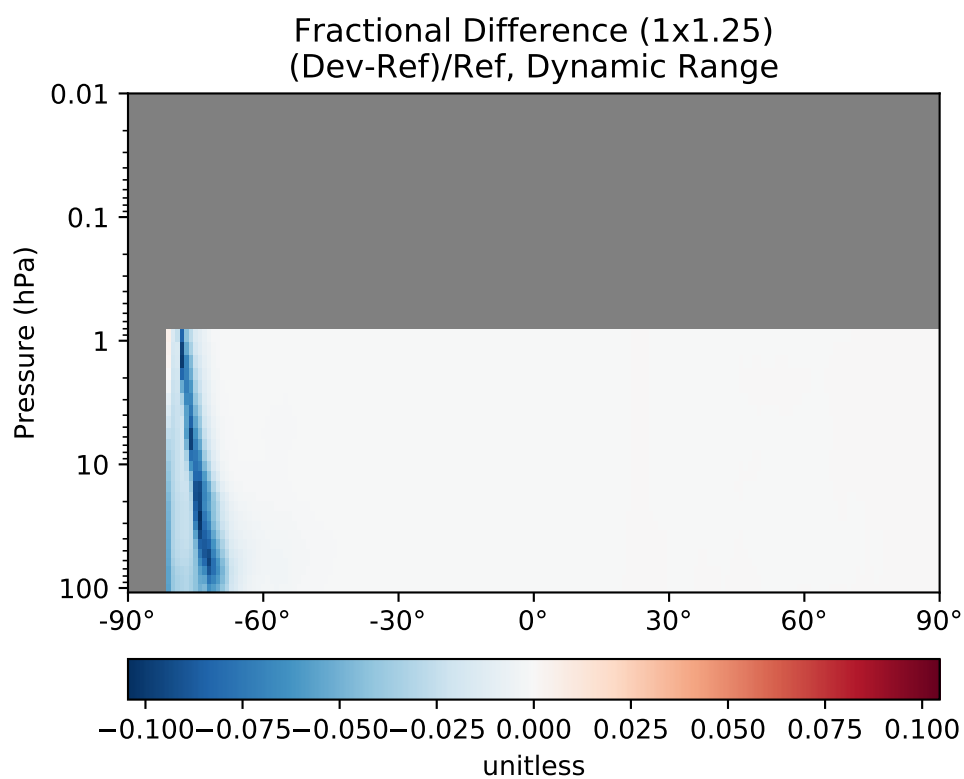
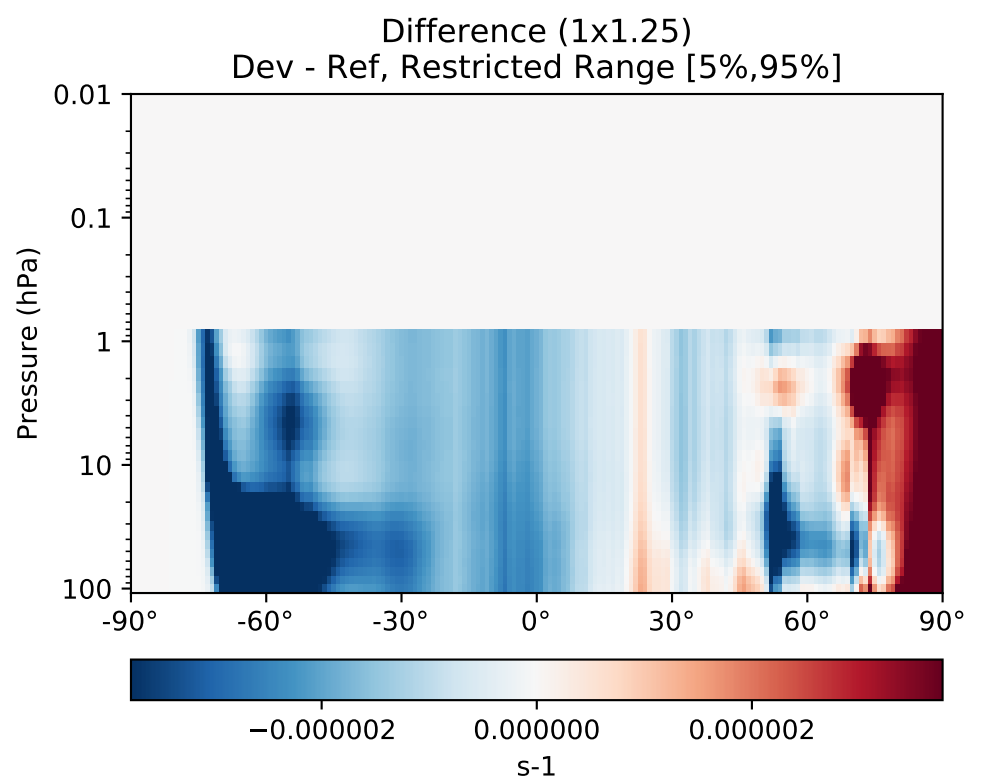
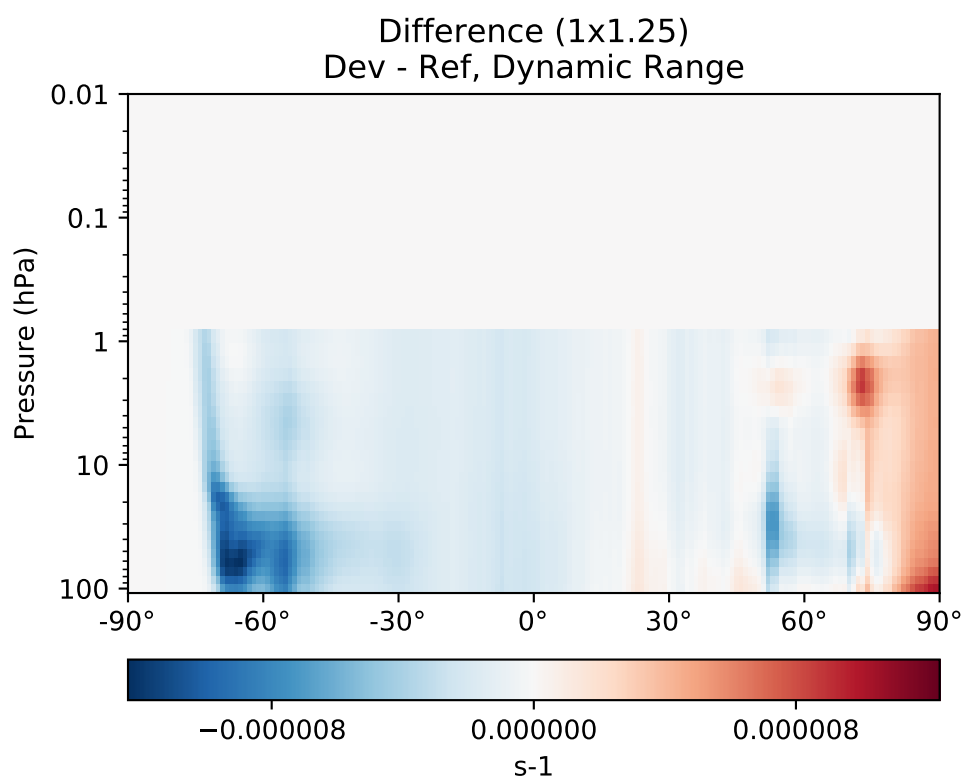
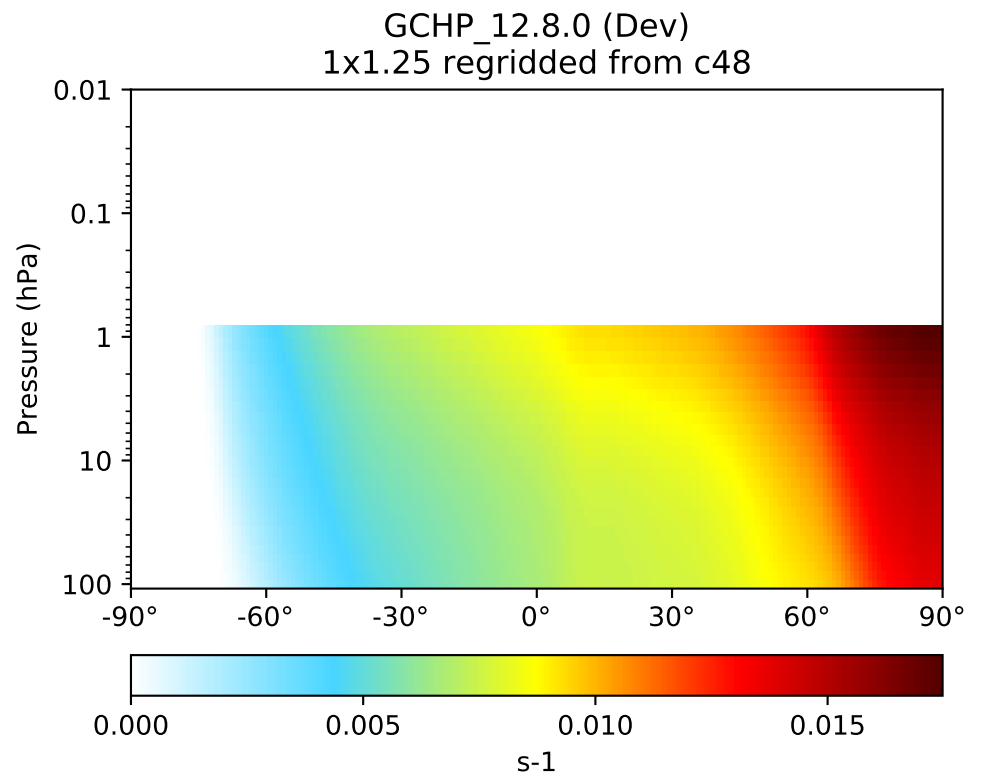
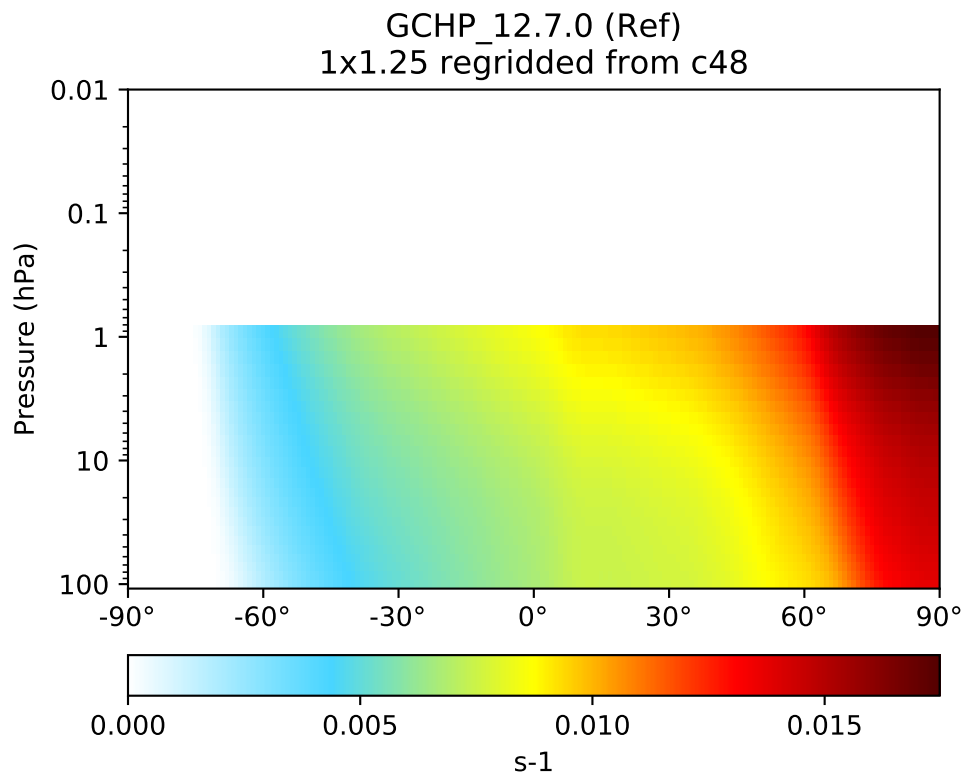
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



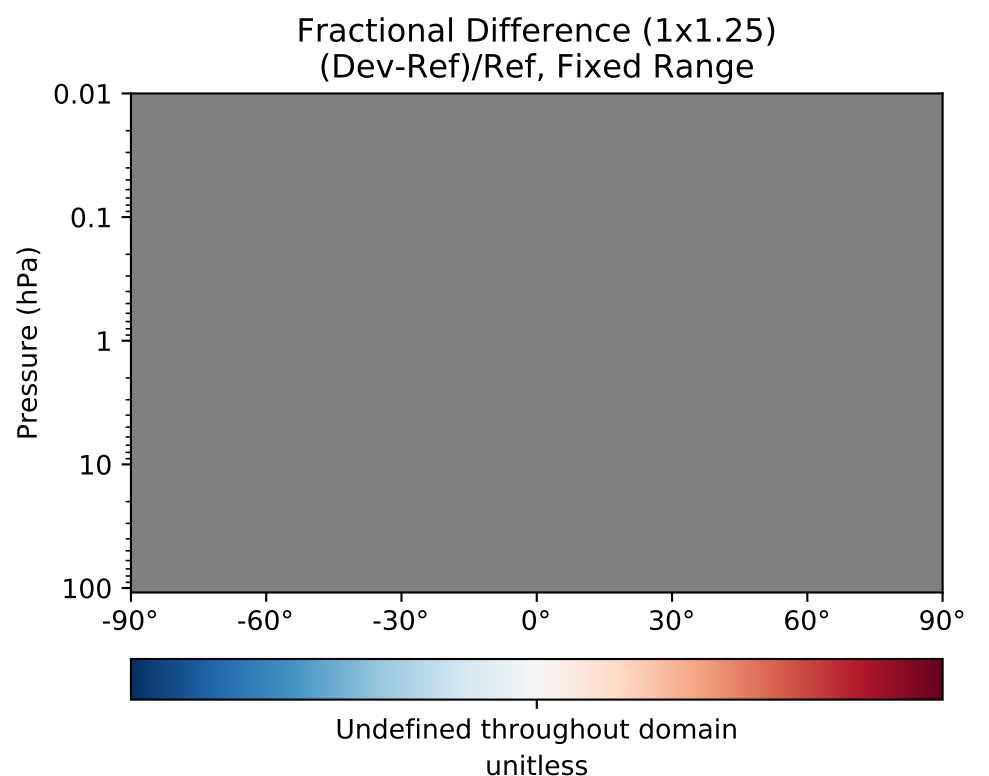
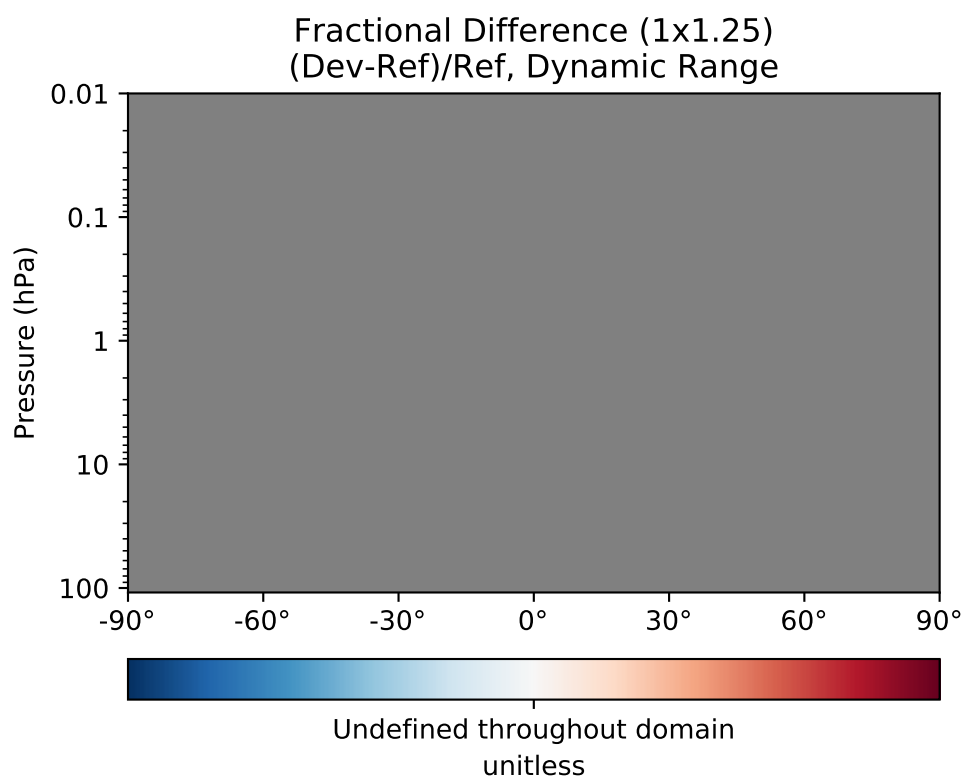
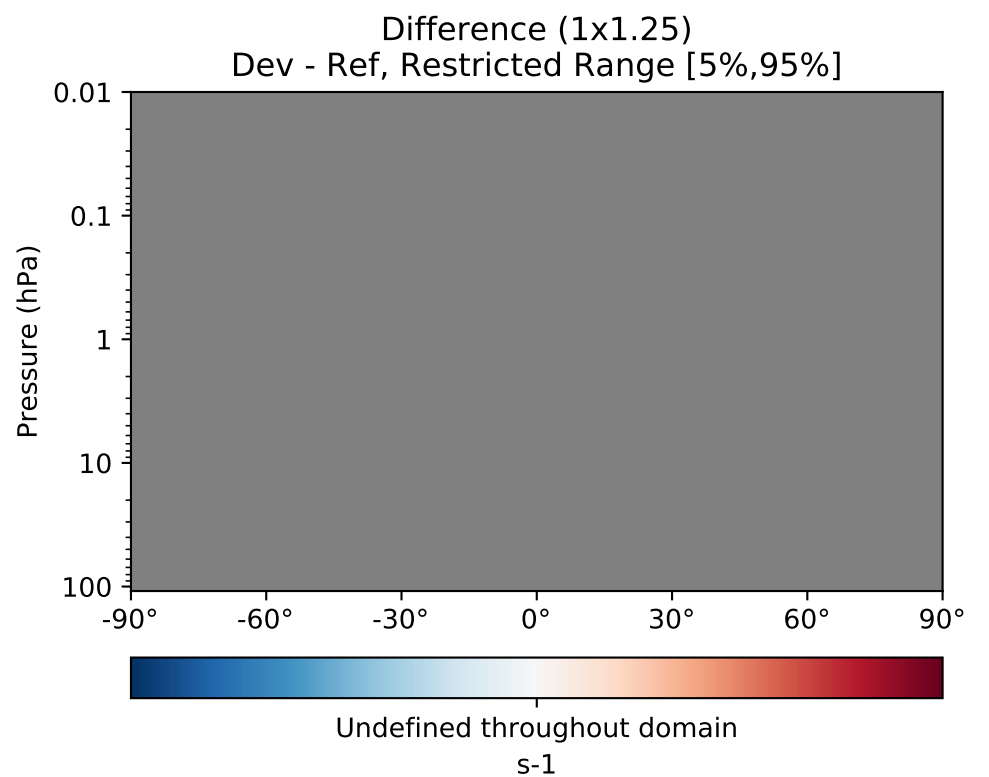
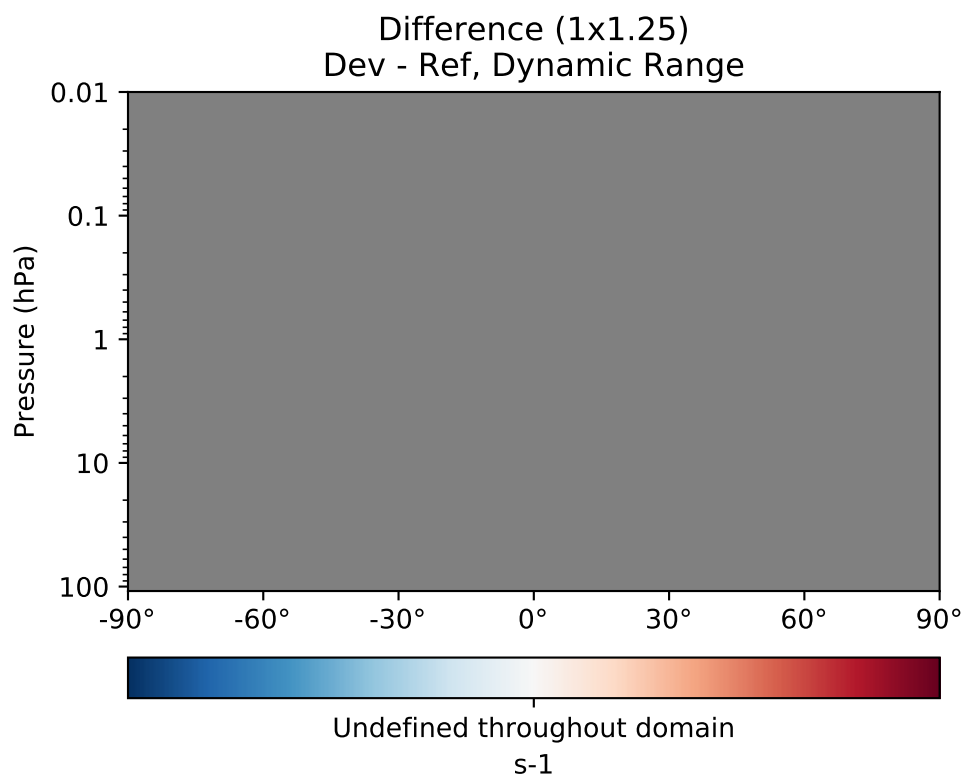
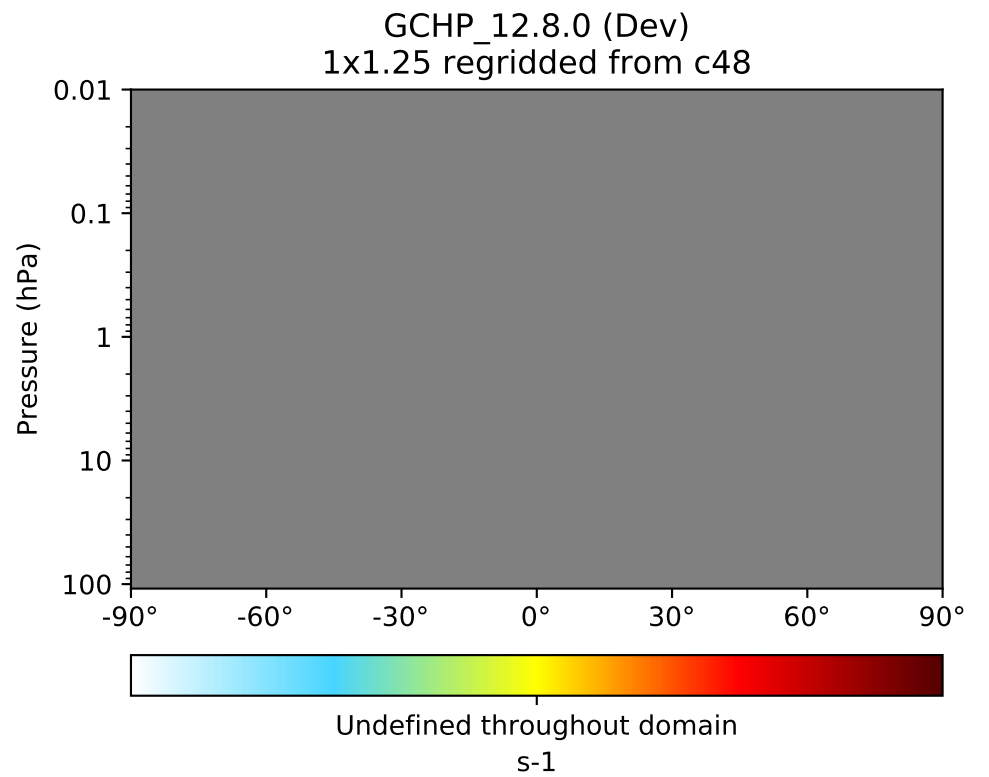
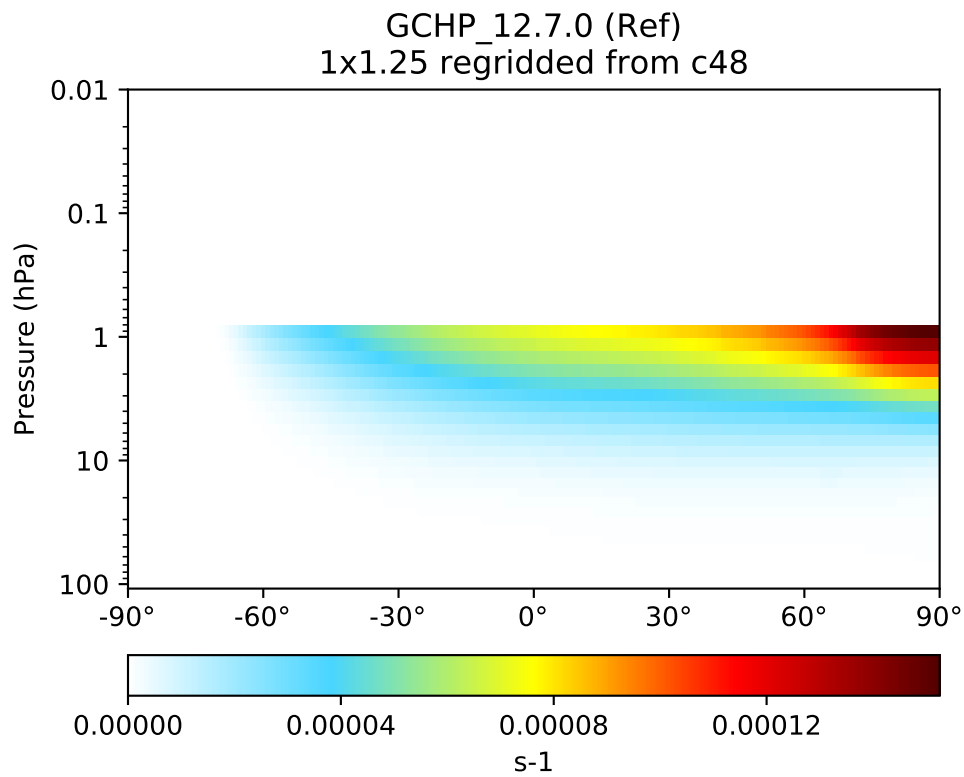
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



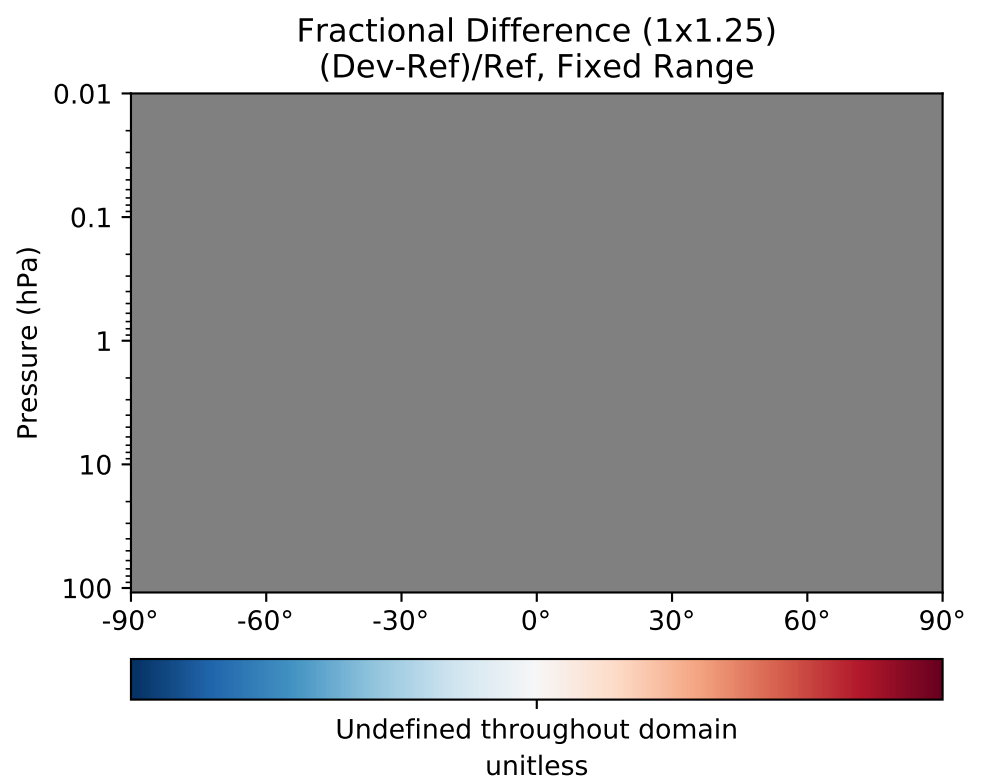
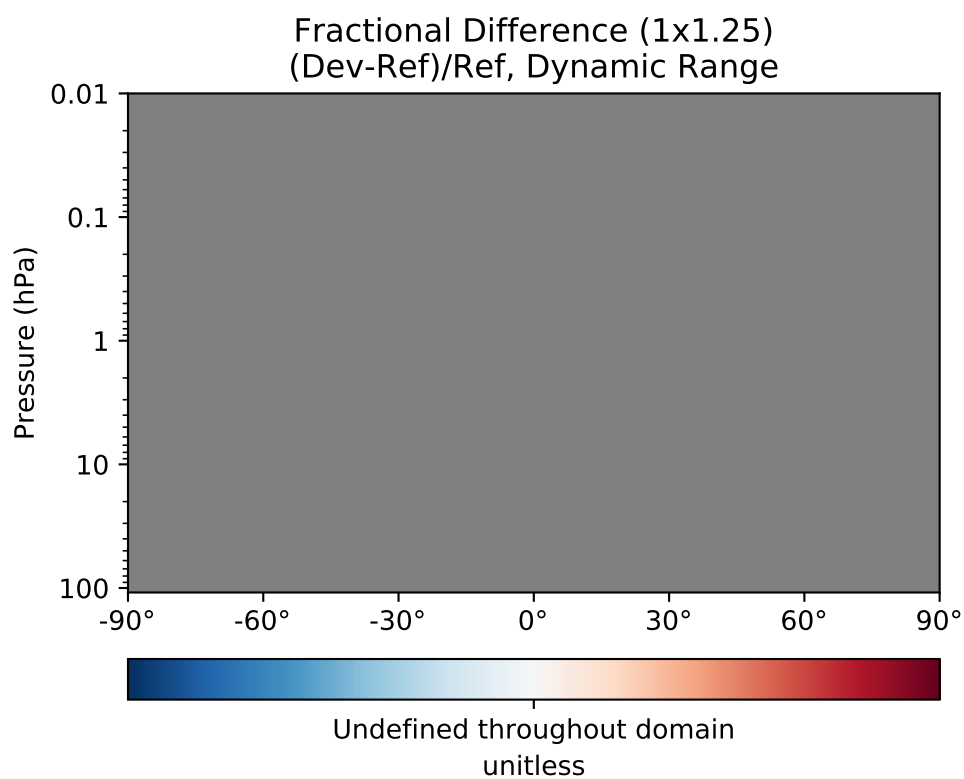
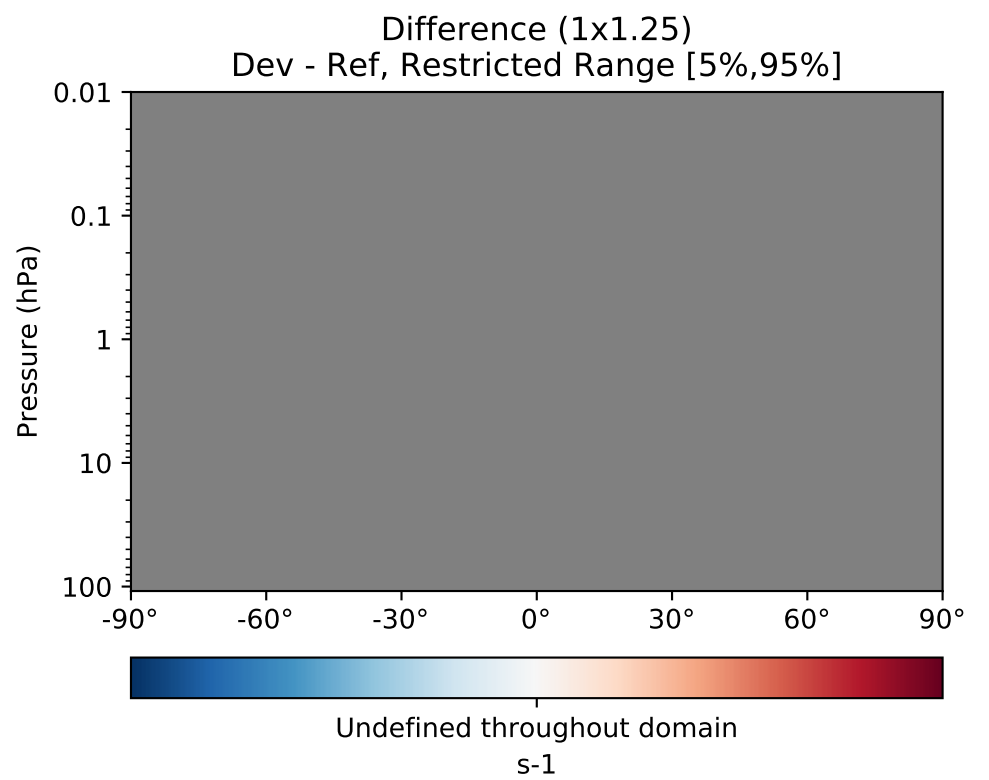
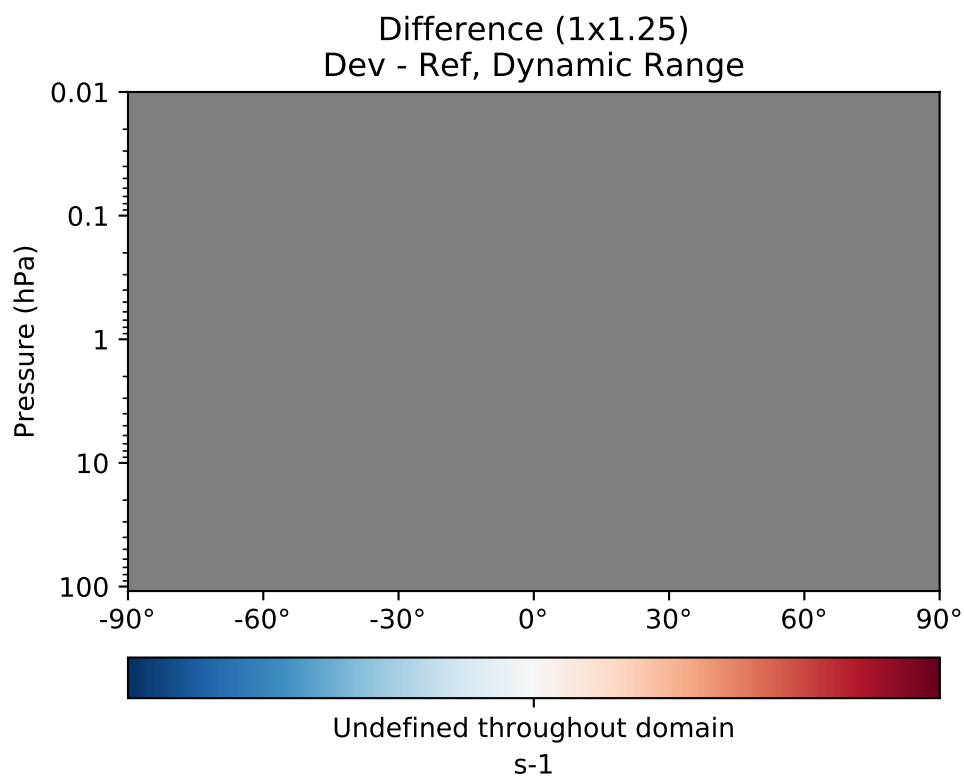
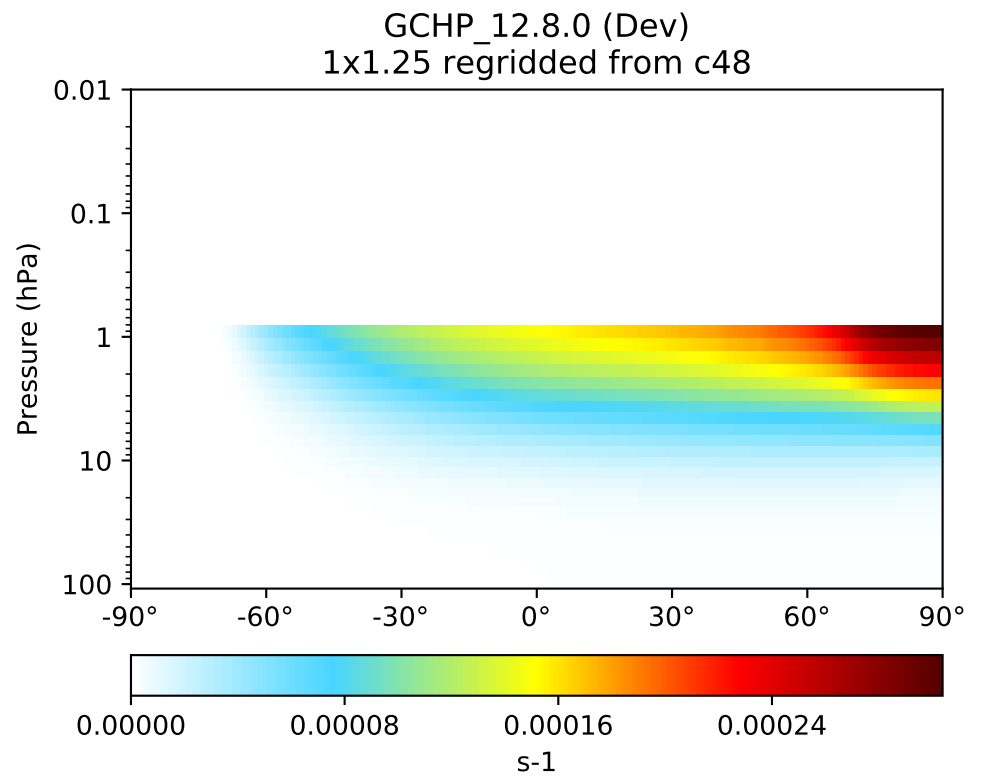
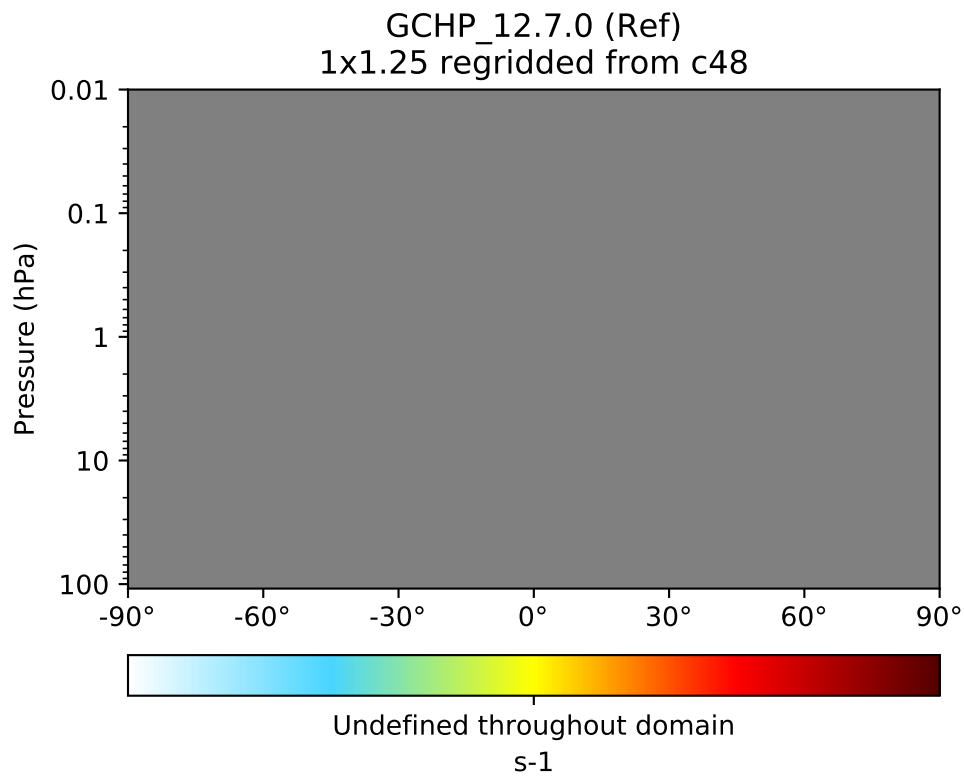
Jval_IONO2, Zonal Mean



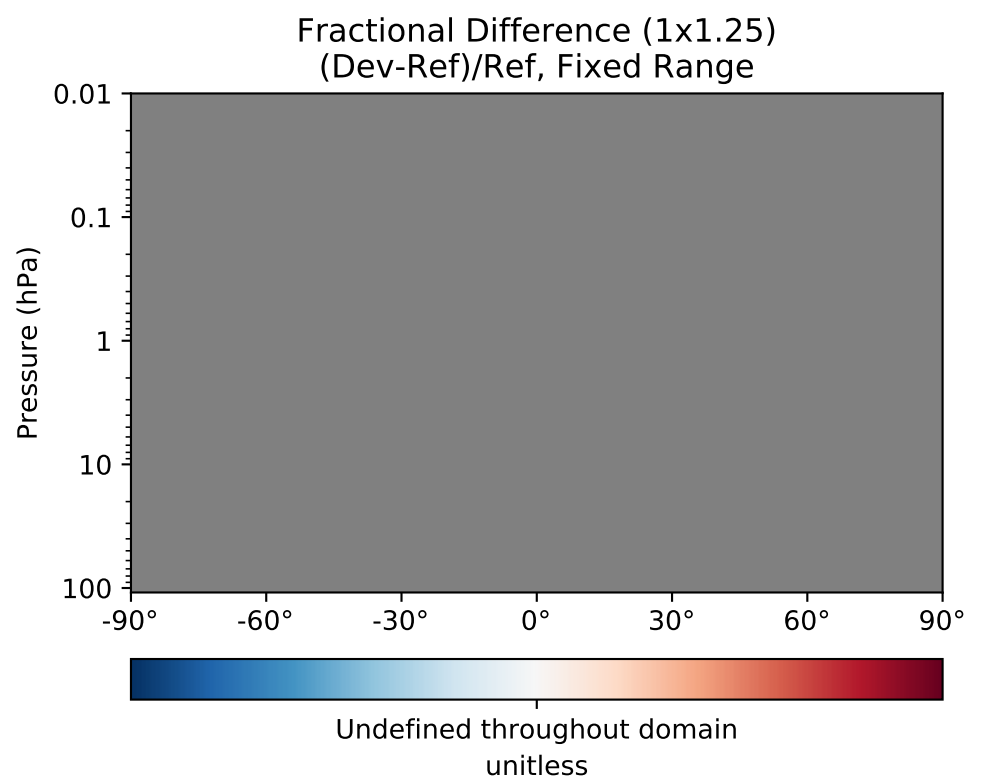
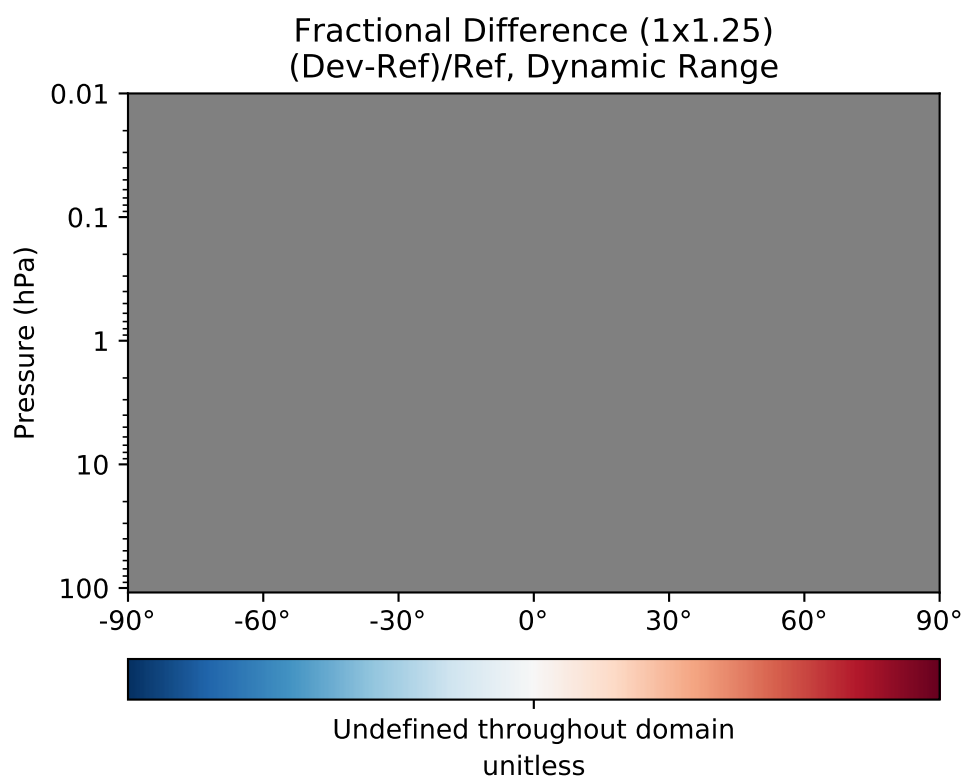
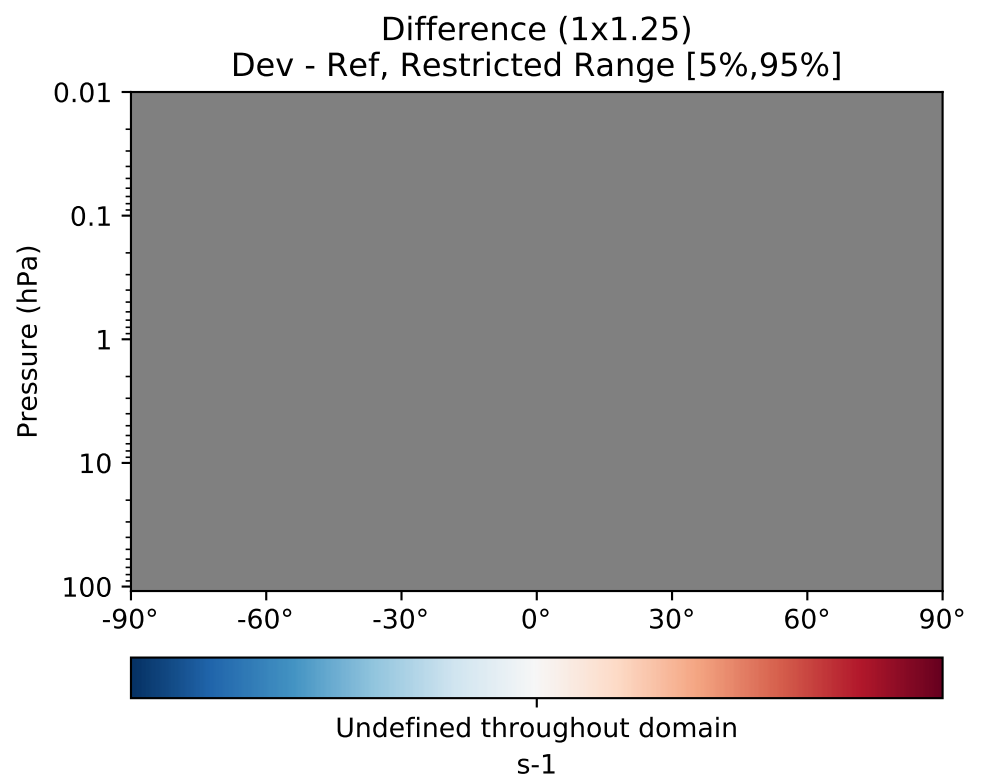
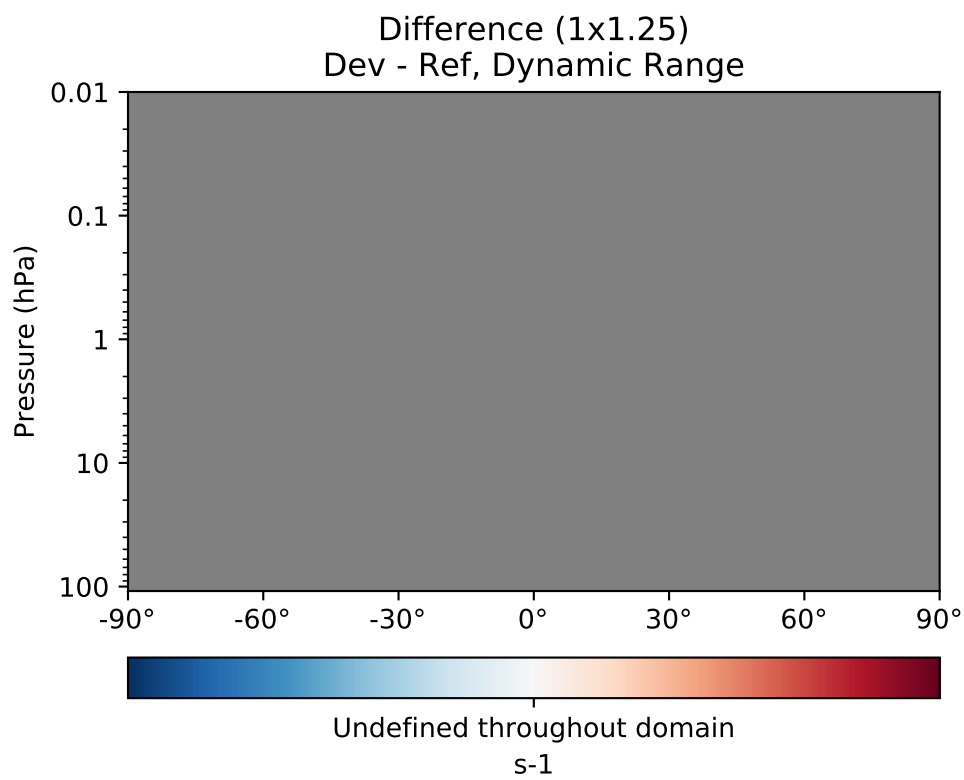
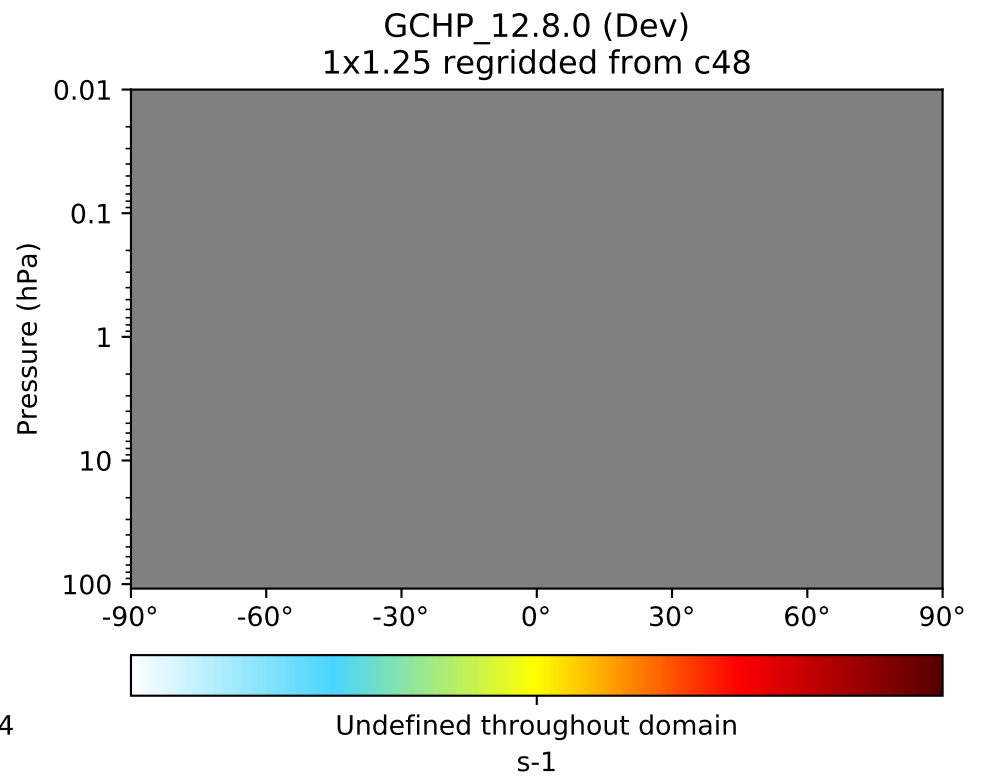
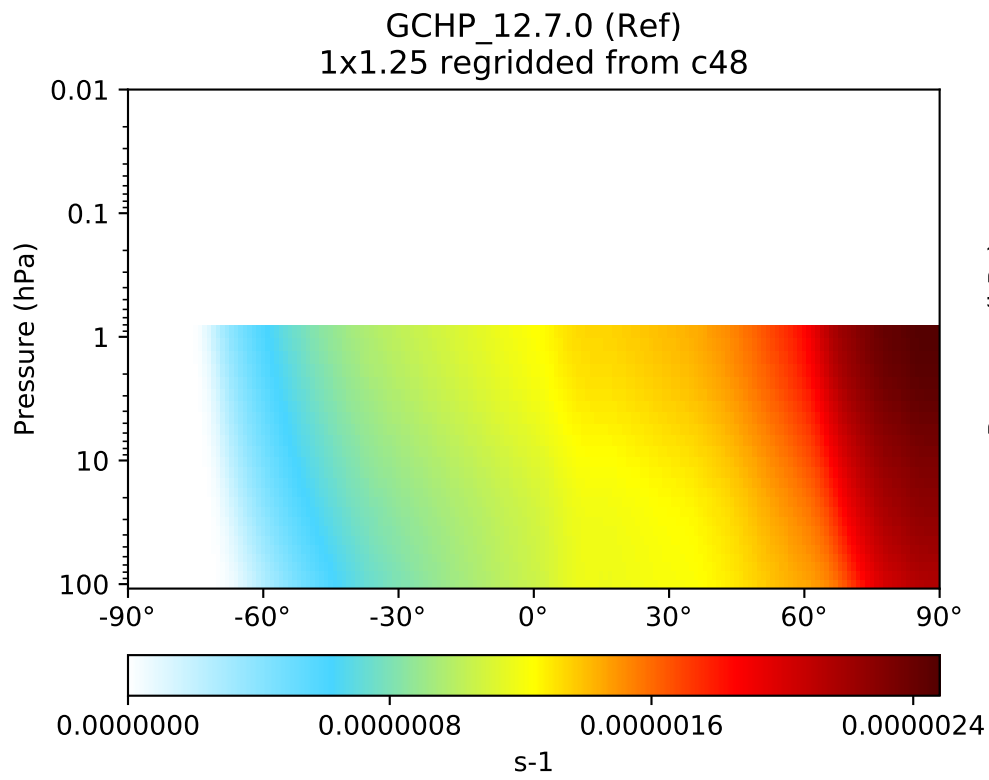
Jval_IPMN, Zonal Mean



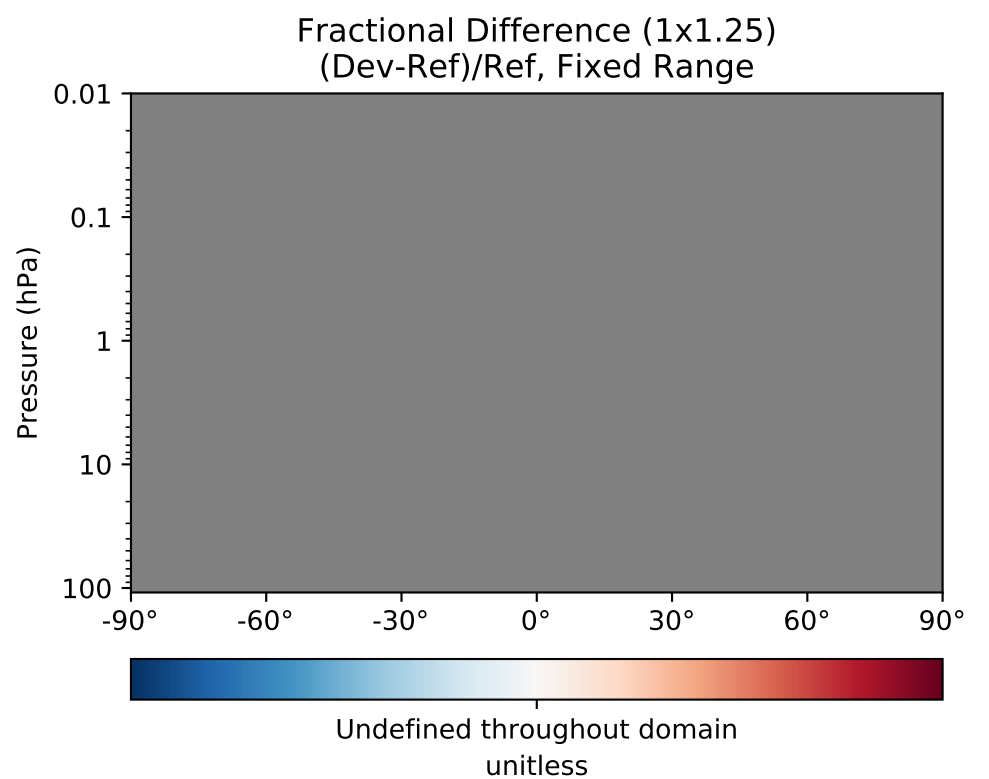
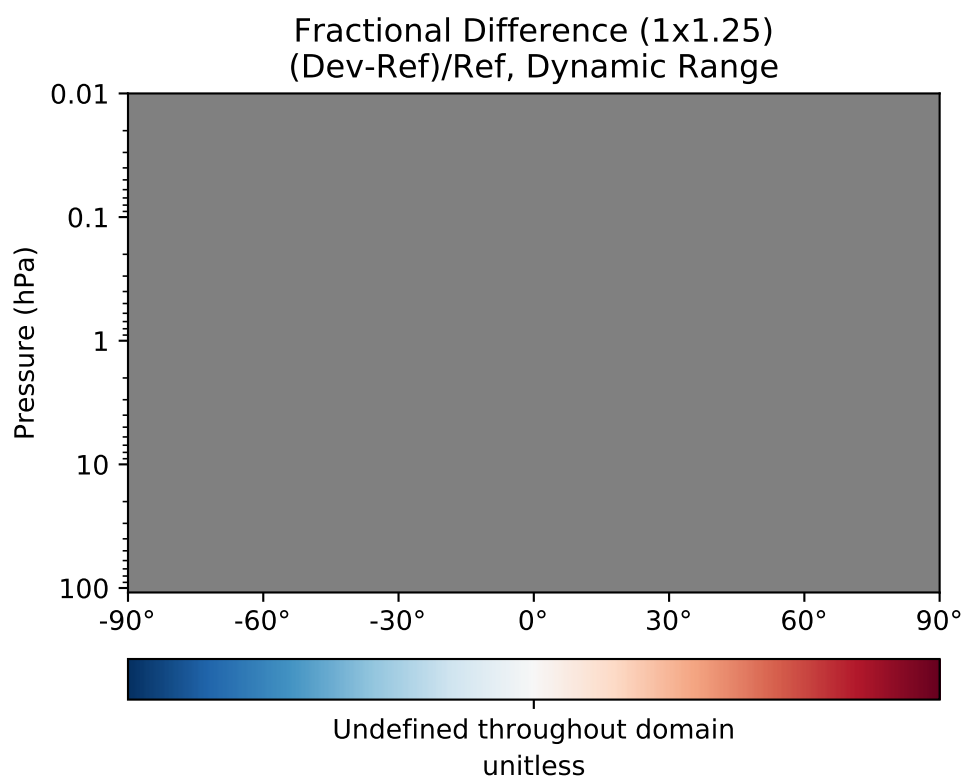
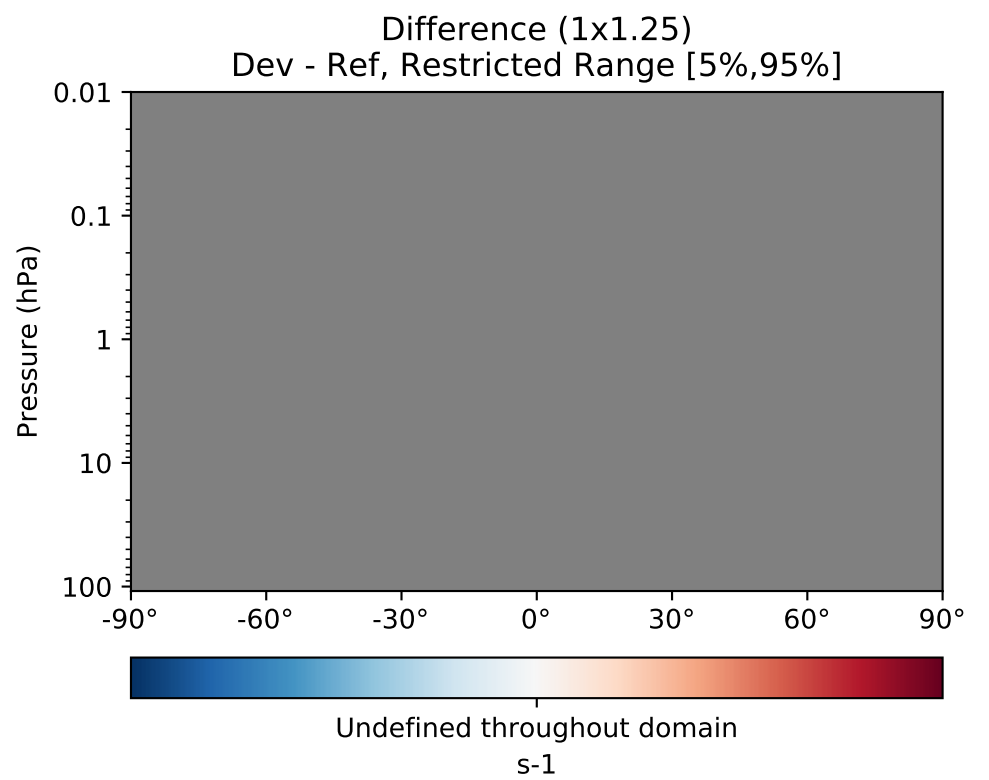
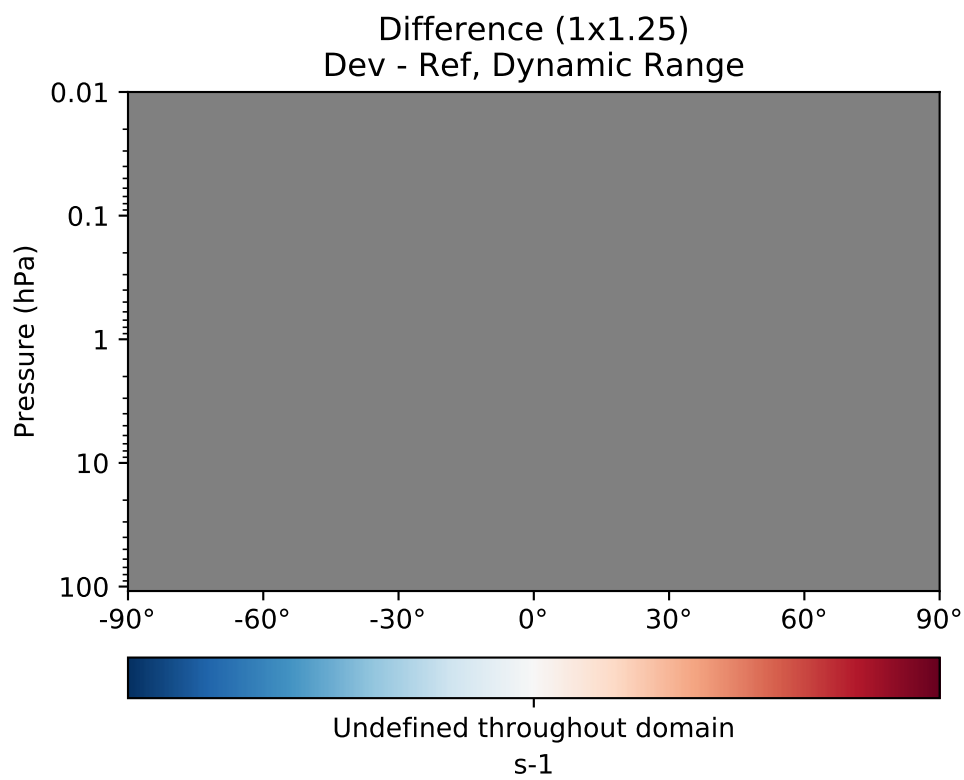
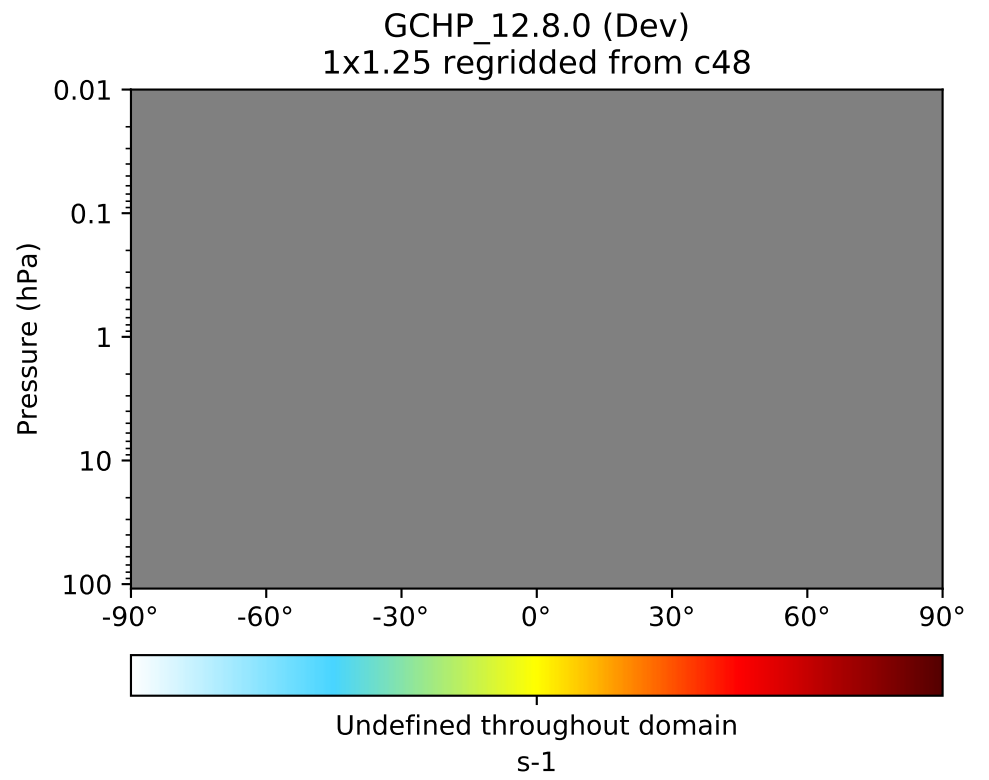
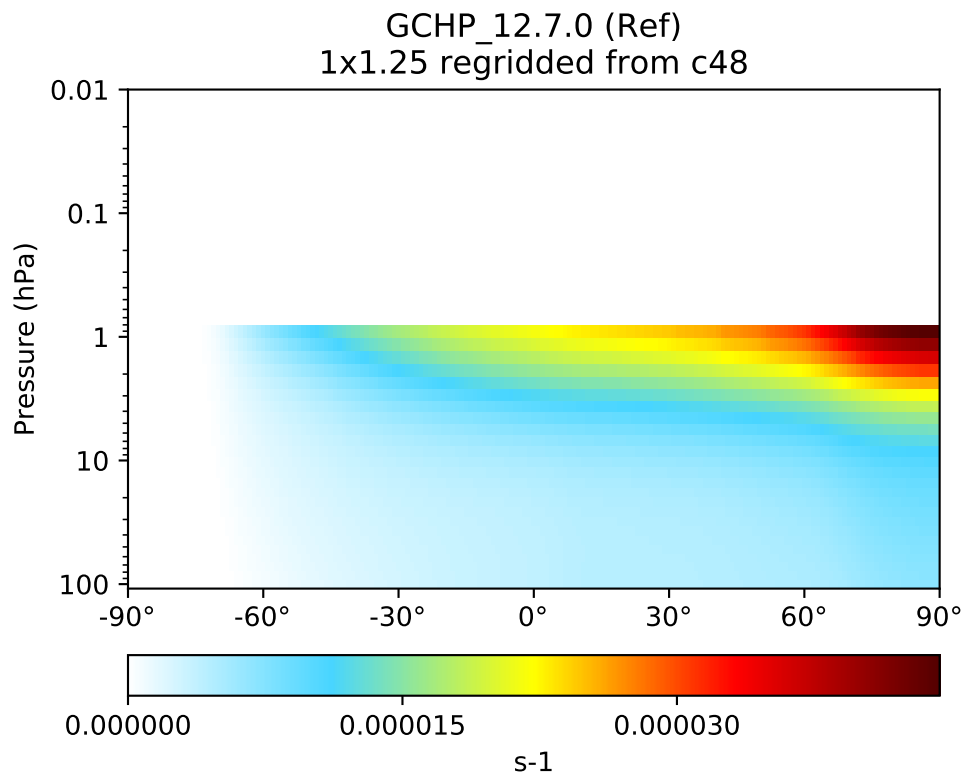
Jval_IPRNO3, Zonal Mean



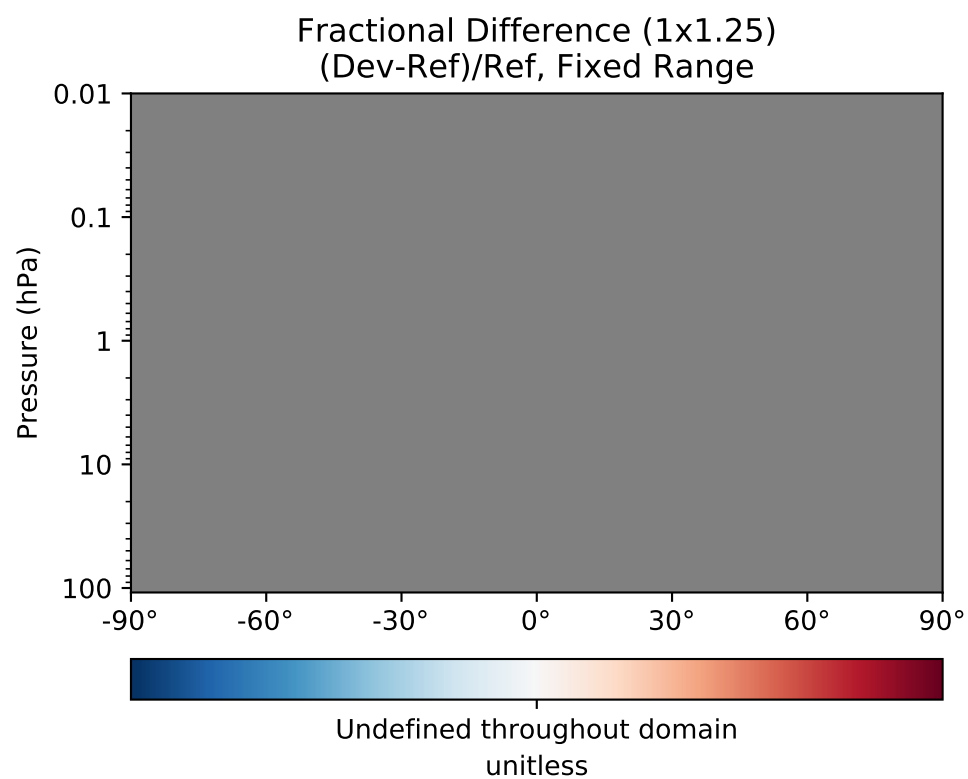
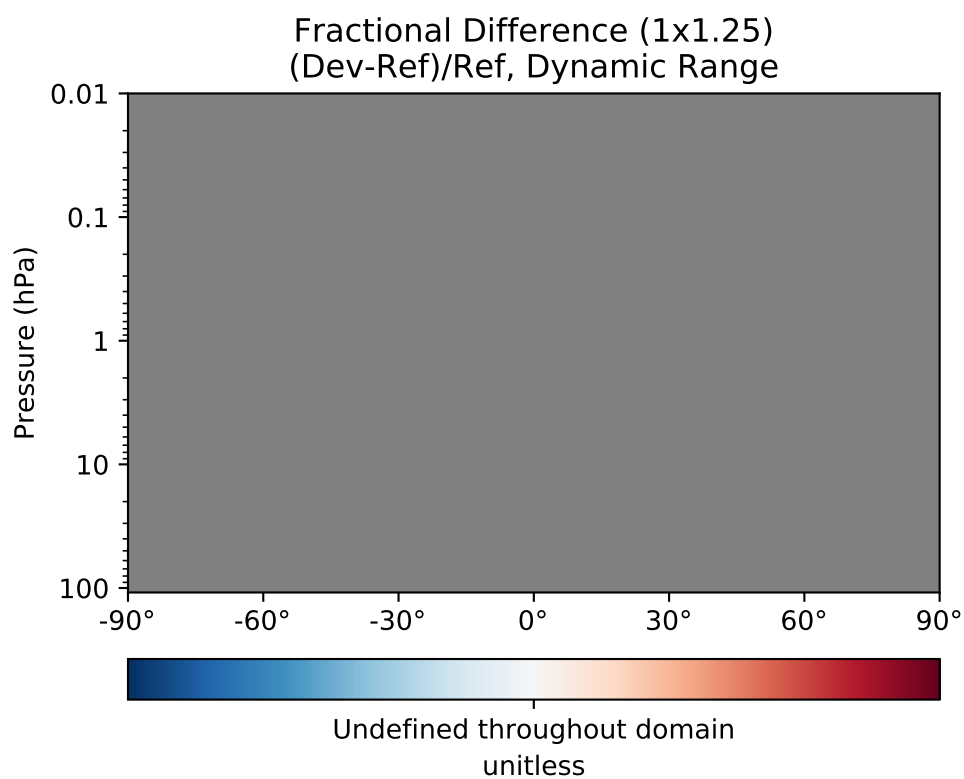
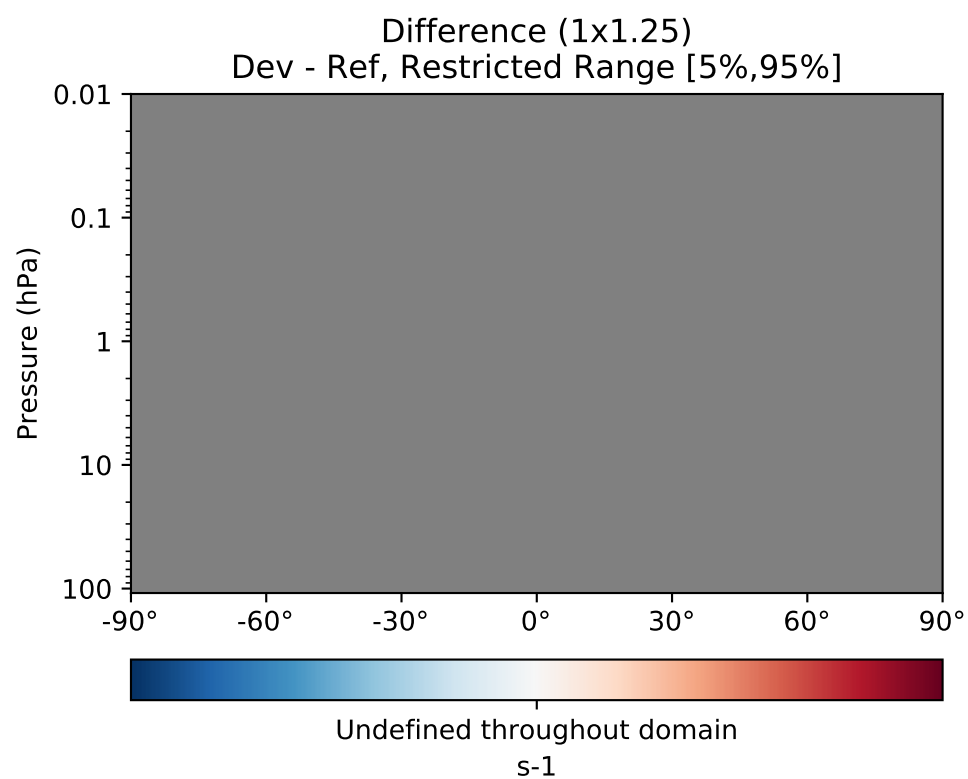
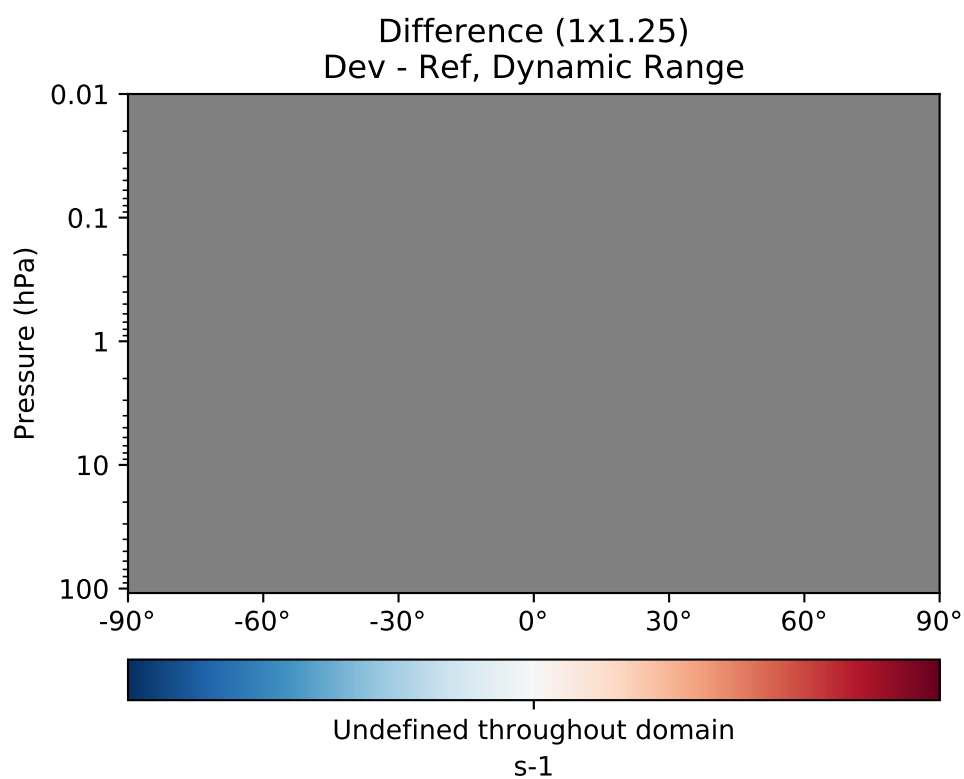
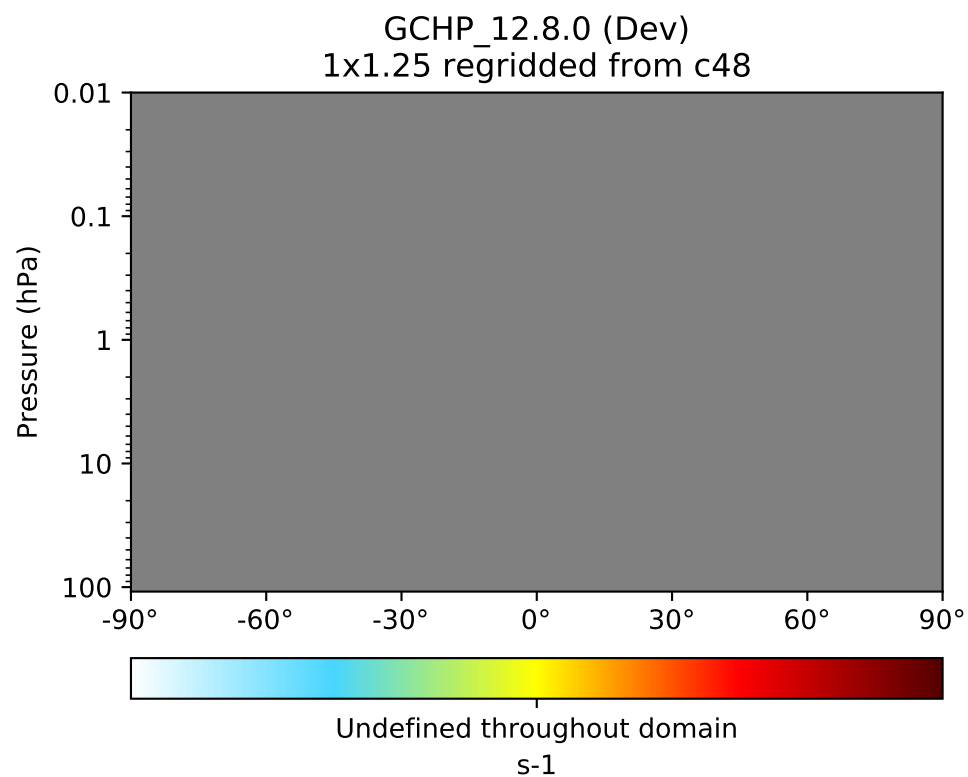
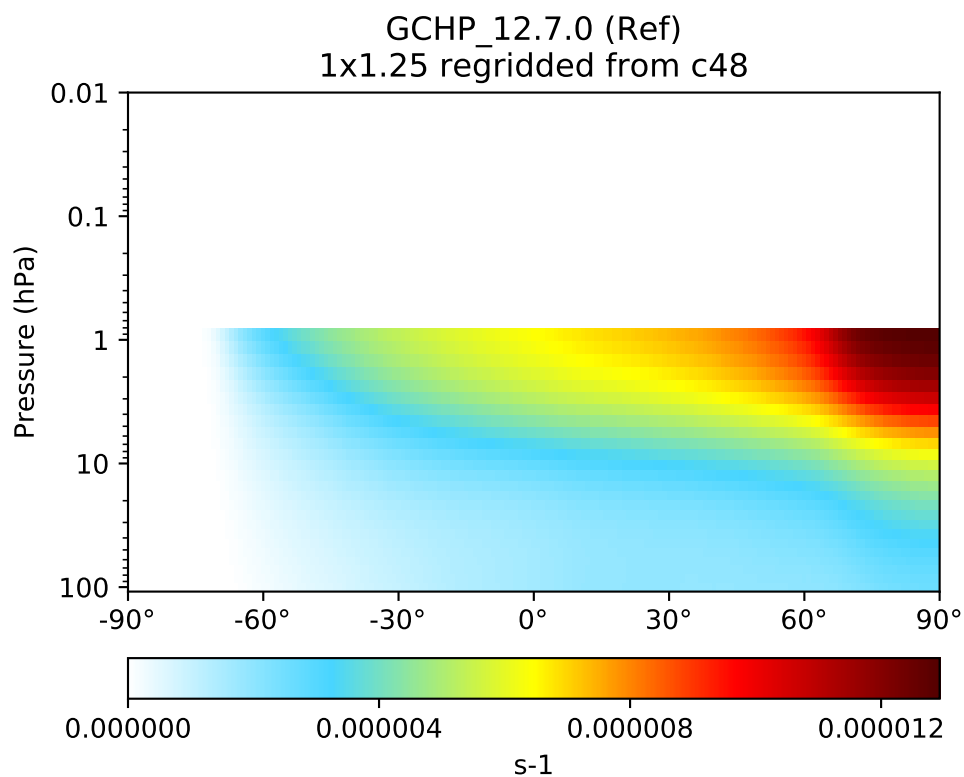
Jval_ISN1, Zonal Mean



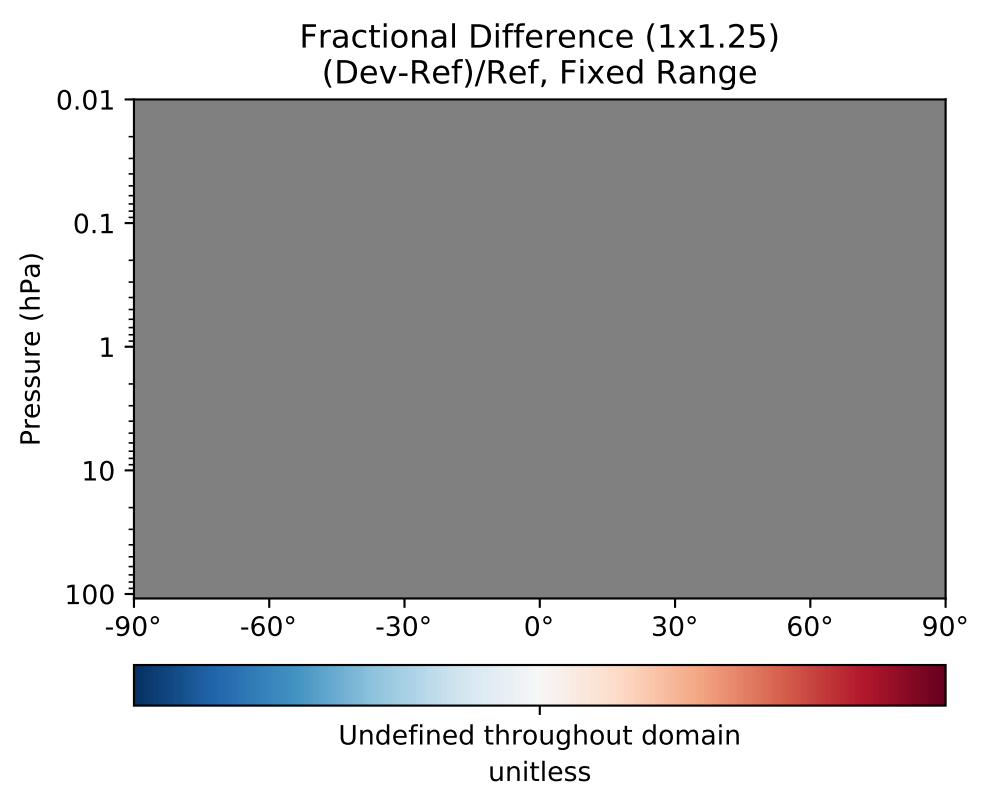
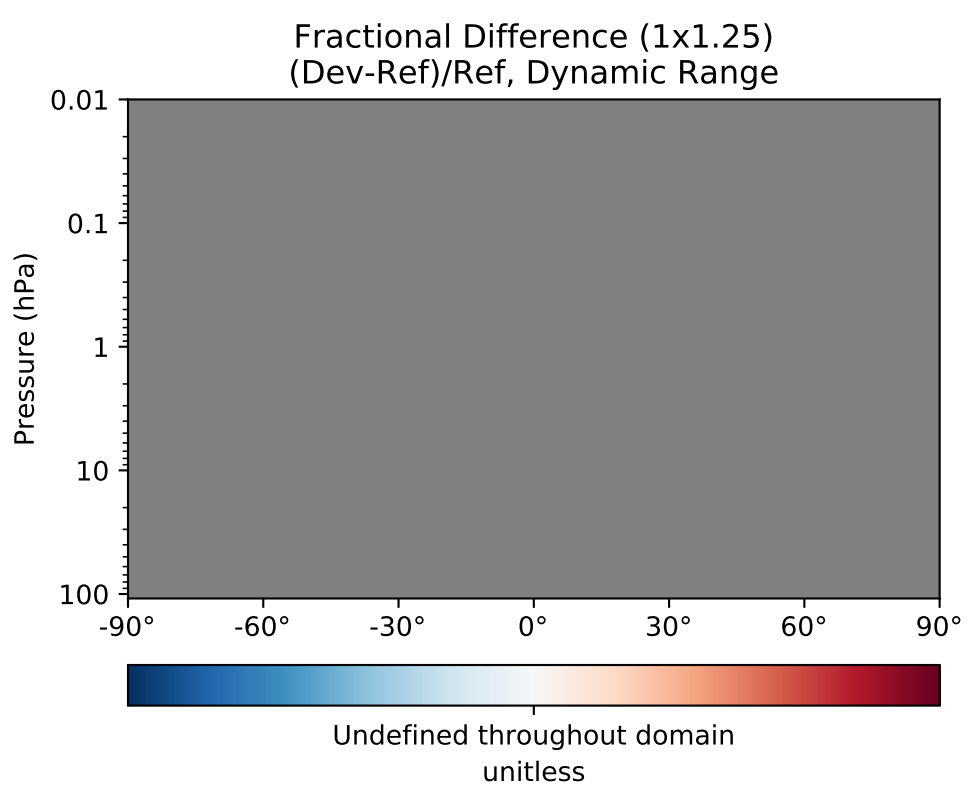
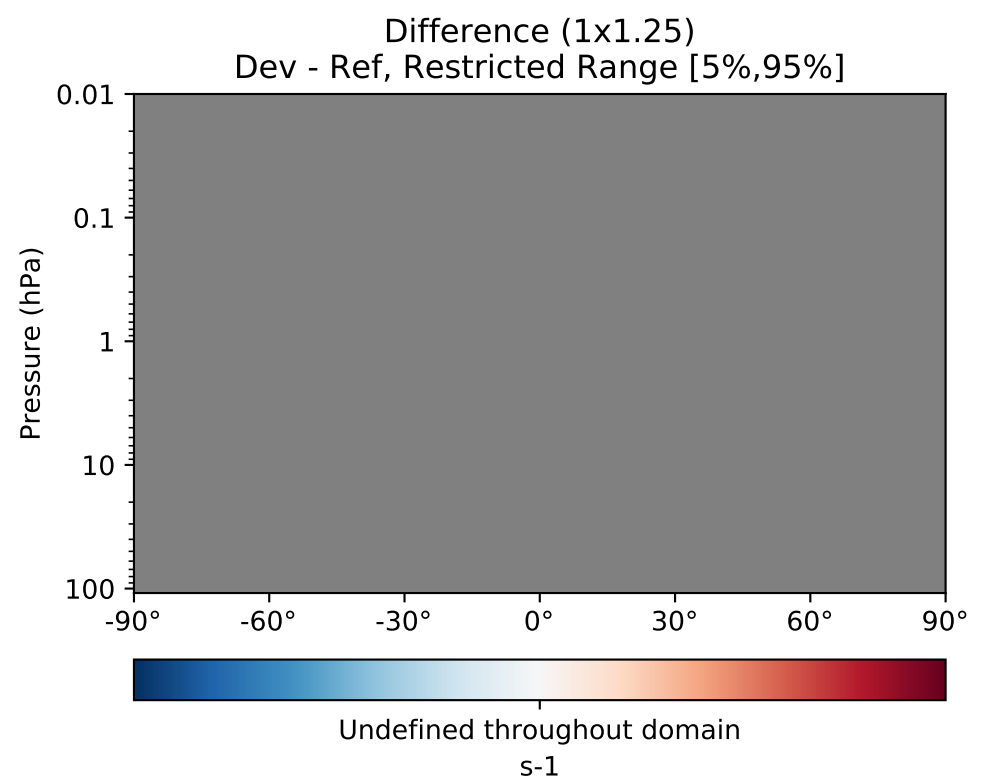
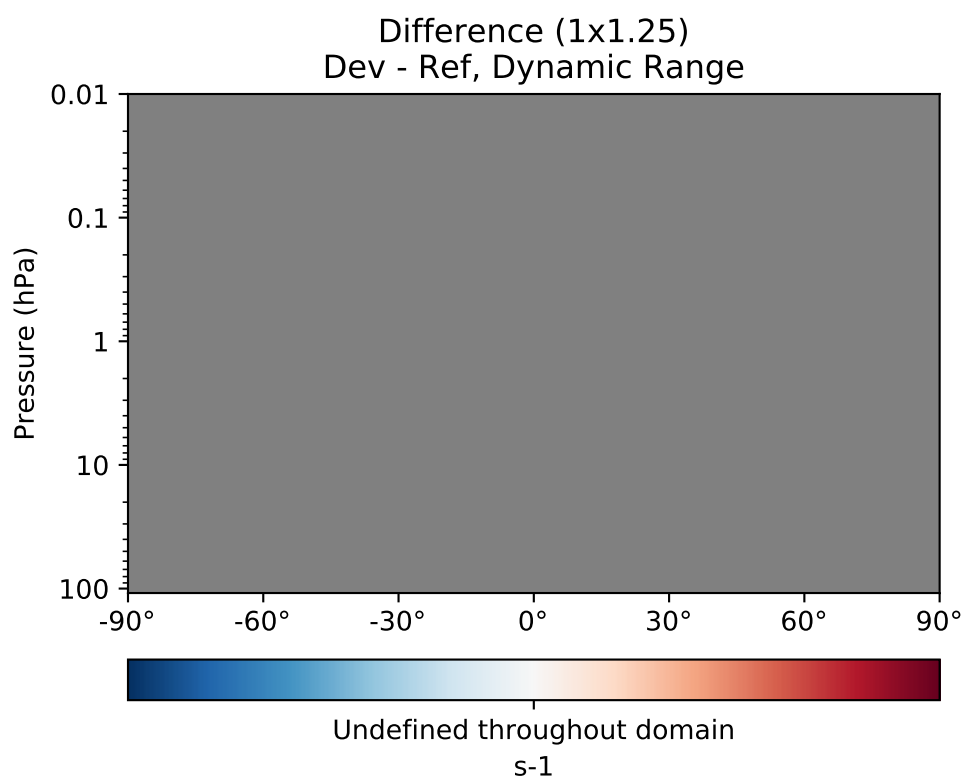
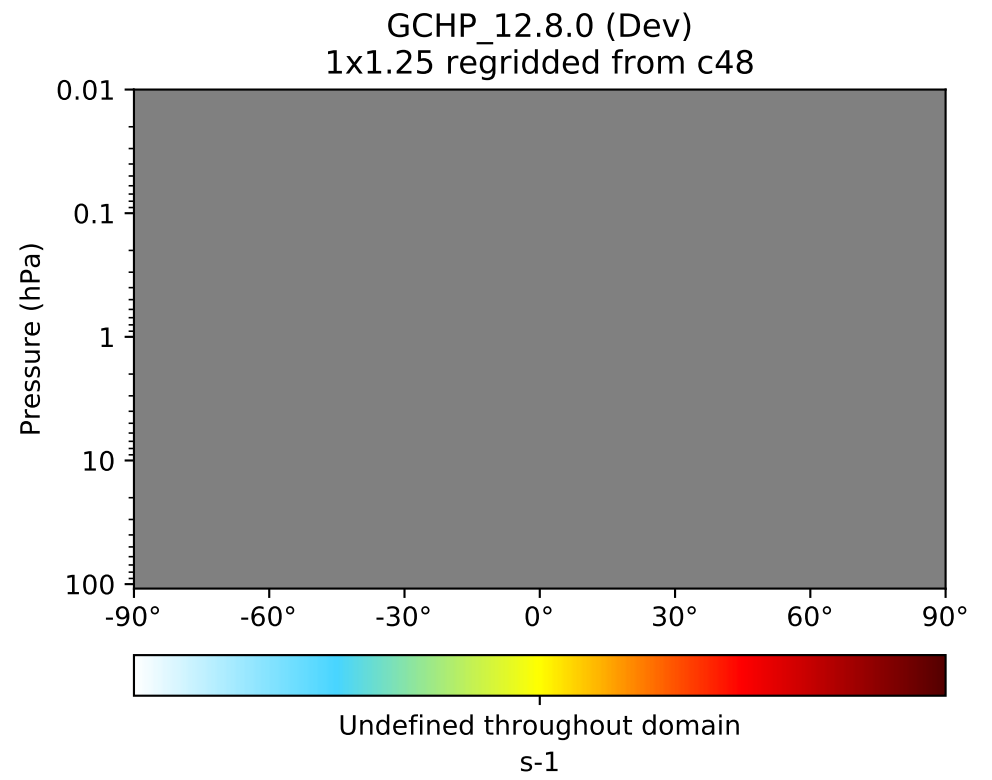
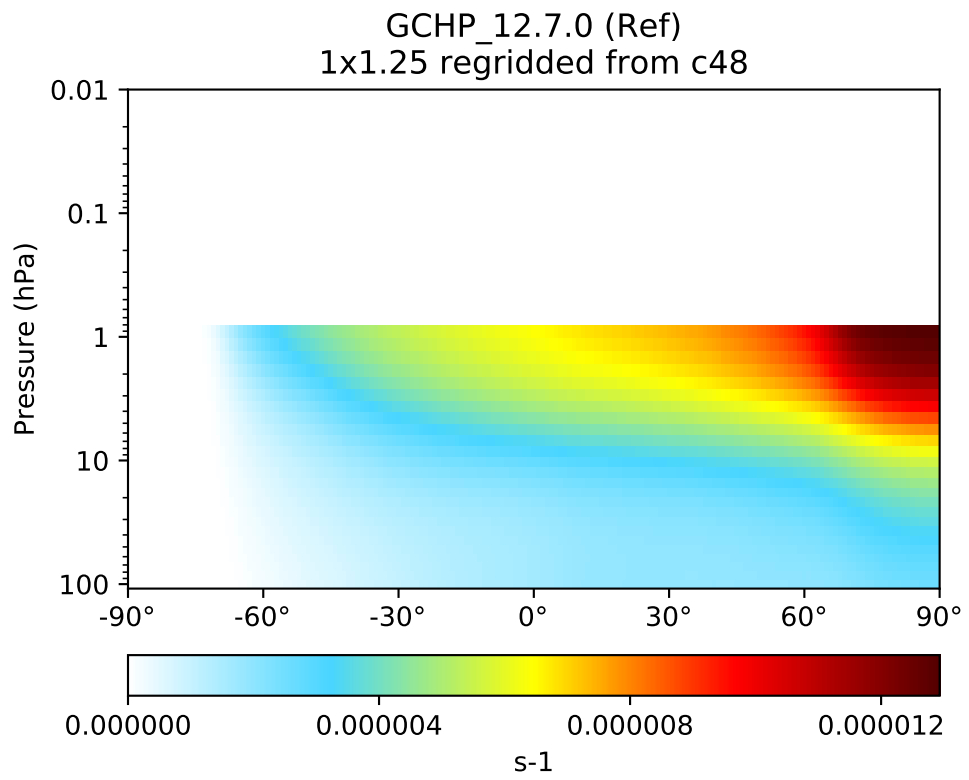
Jval_ISNP, Zonal Mean



Jval_ISOPNB, Zonal Mean

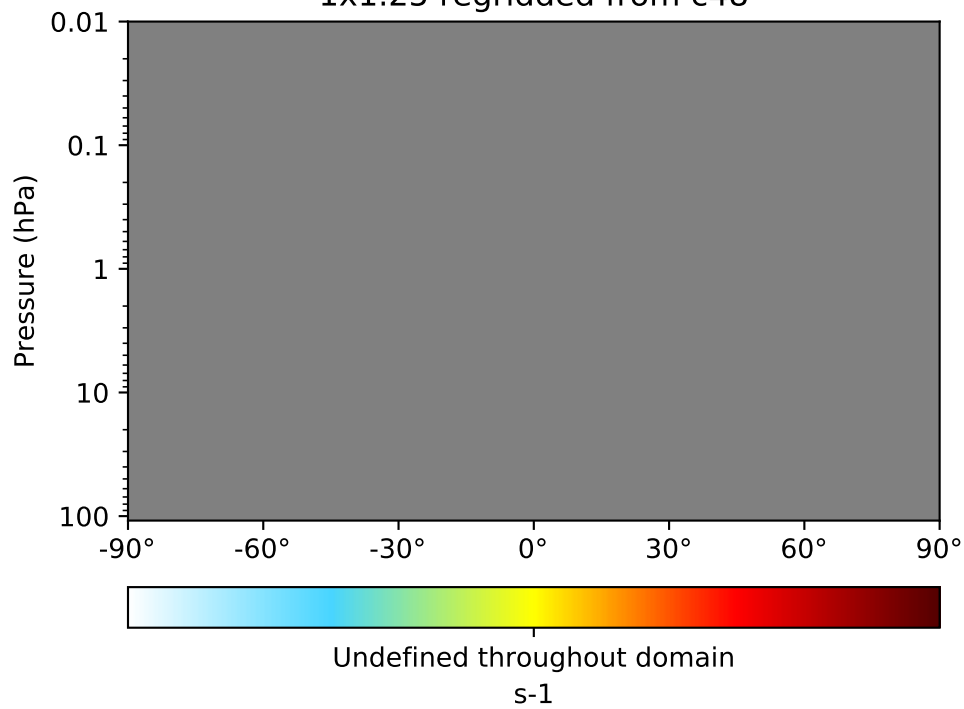


Jval_ISOPND, Zonal Mean

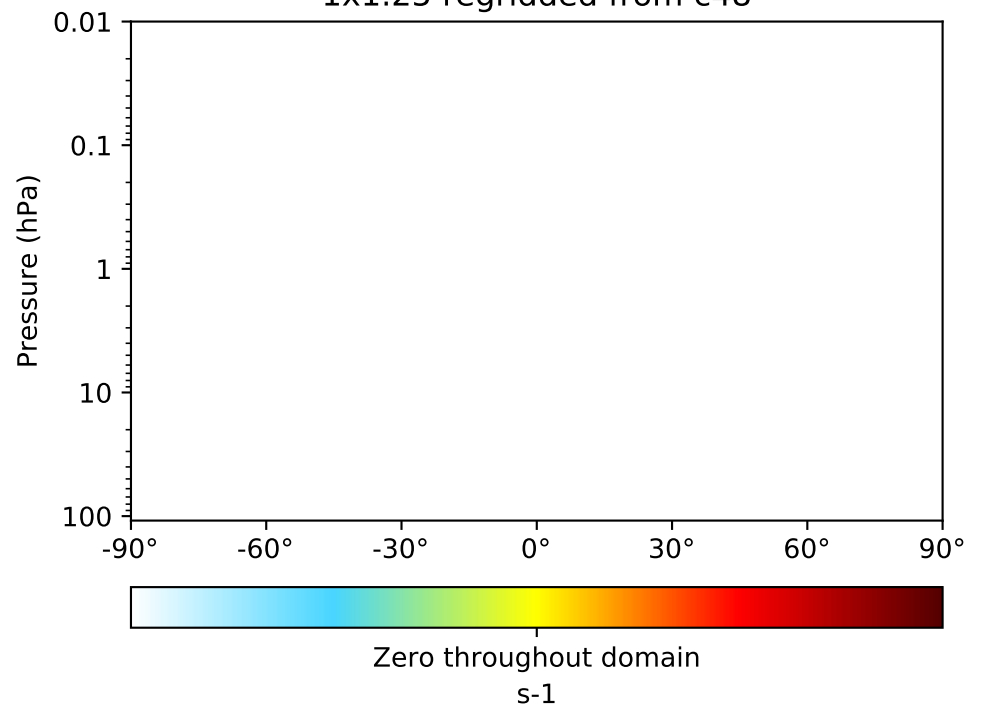


Jval_ITCN, Zonal Mean

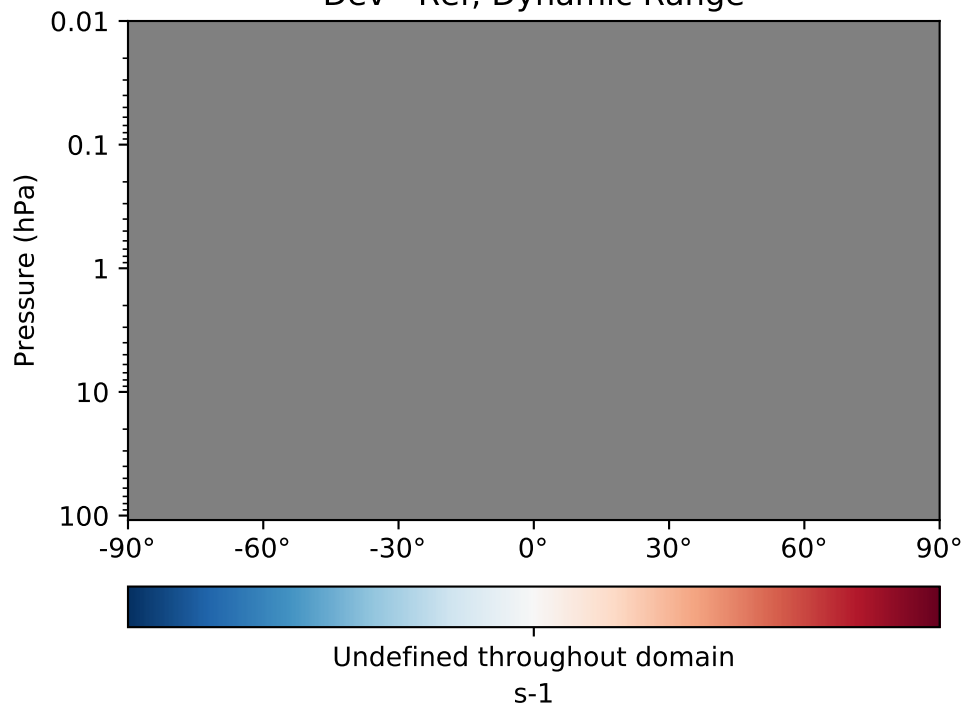
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



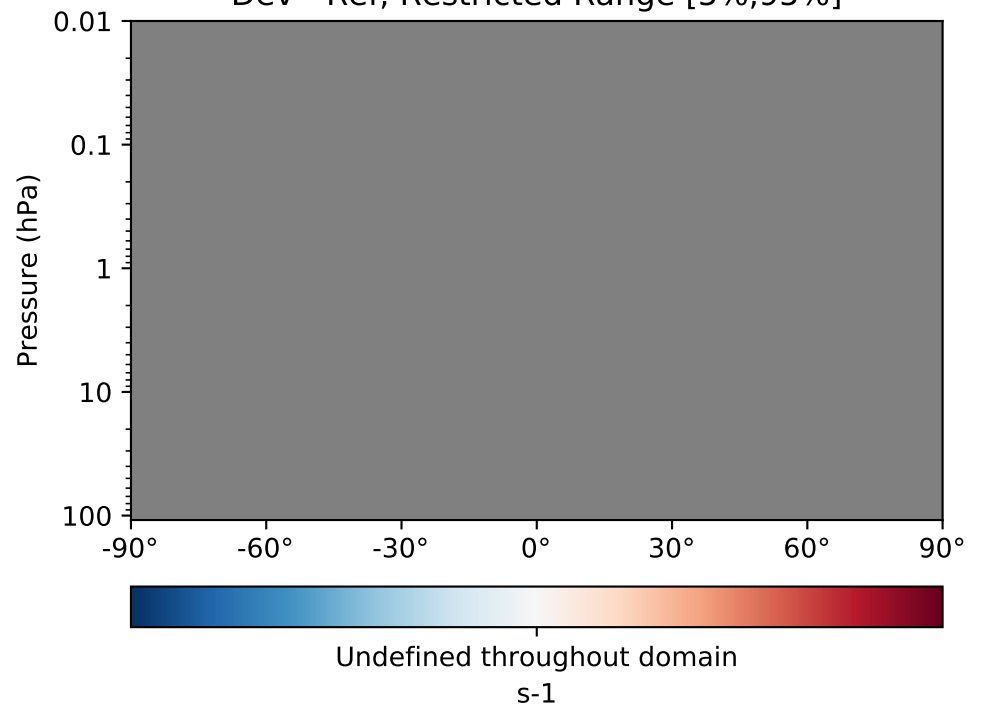
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



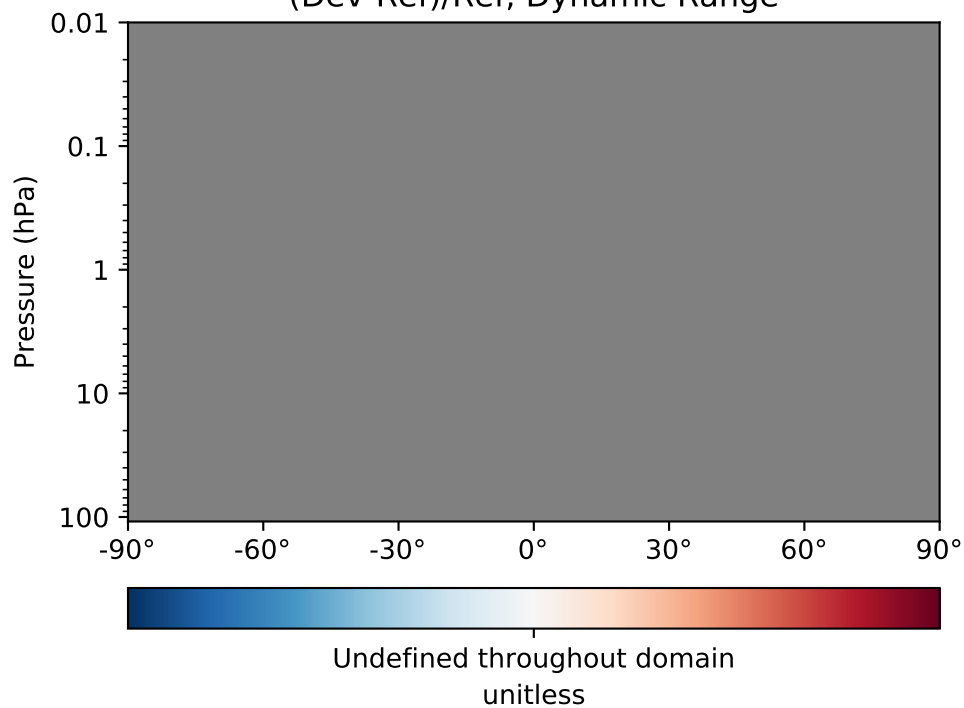
Difference (1x1.25)
Dev - Ref, Dynamic Range



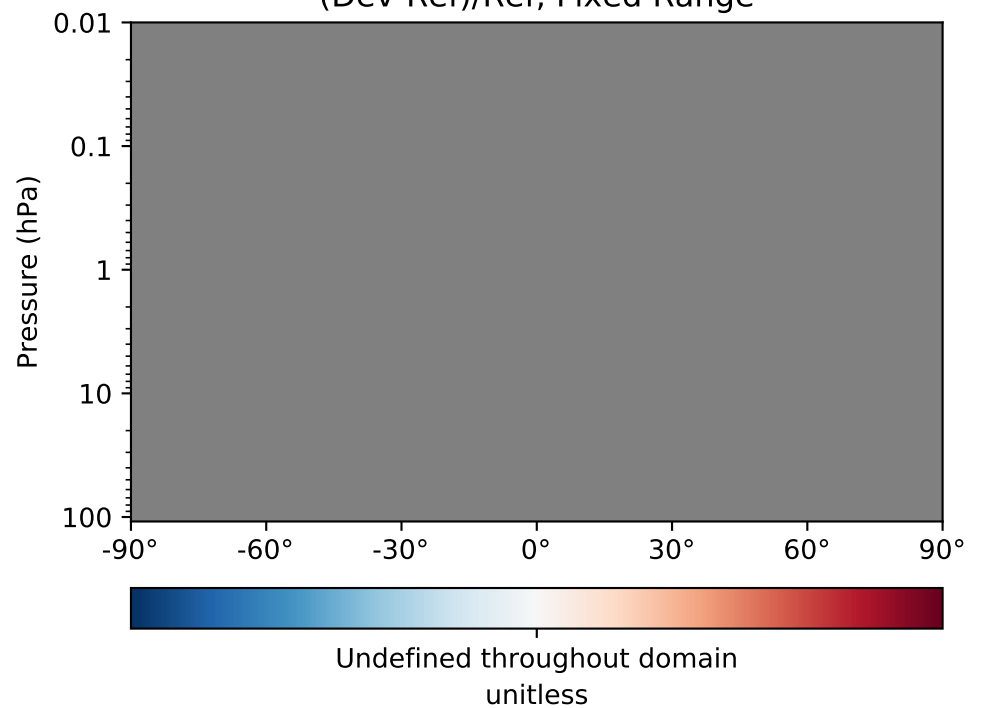
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



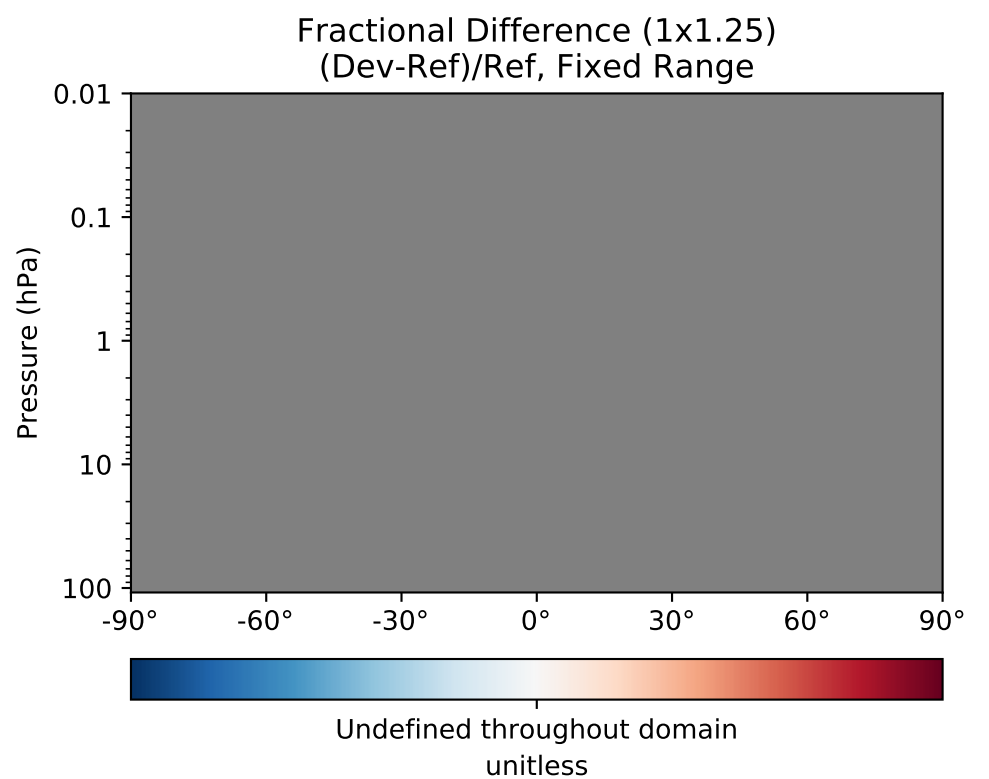
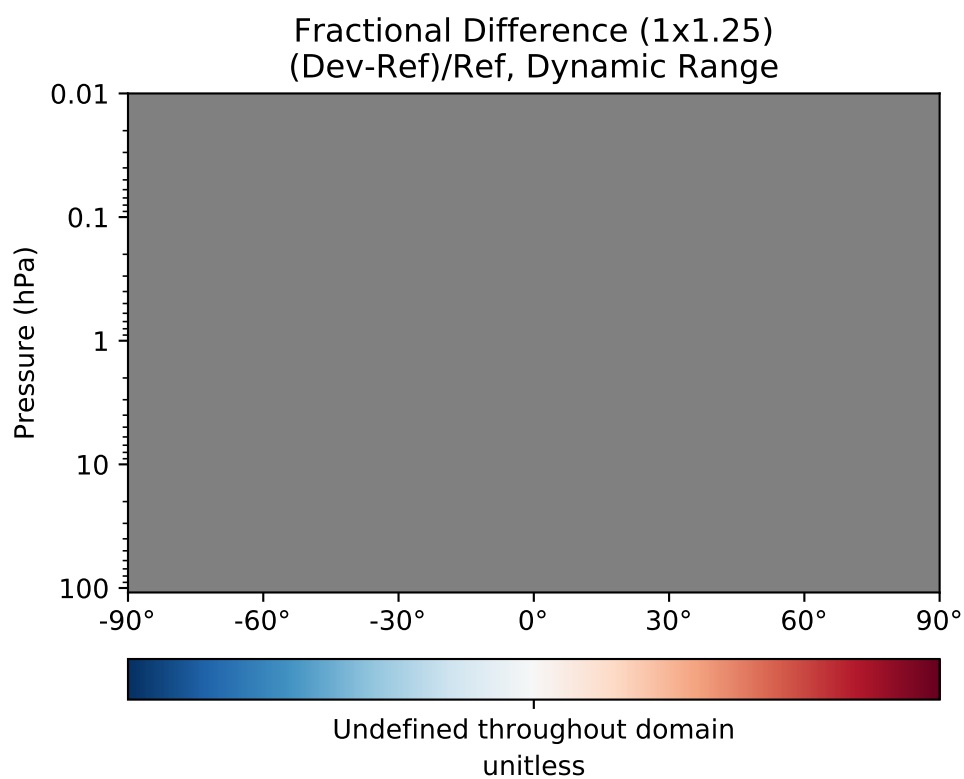
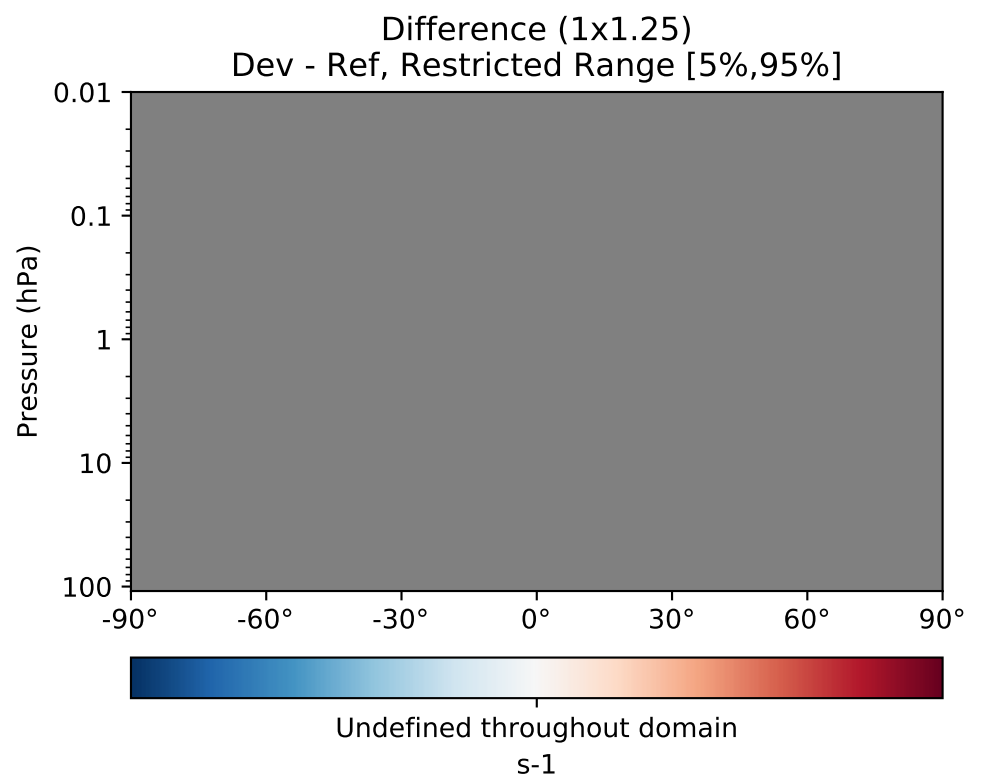
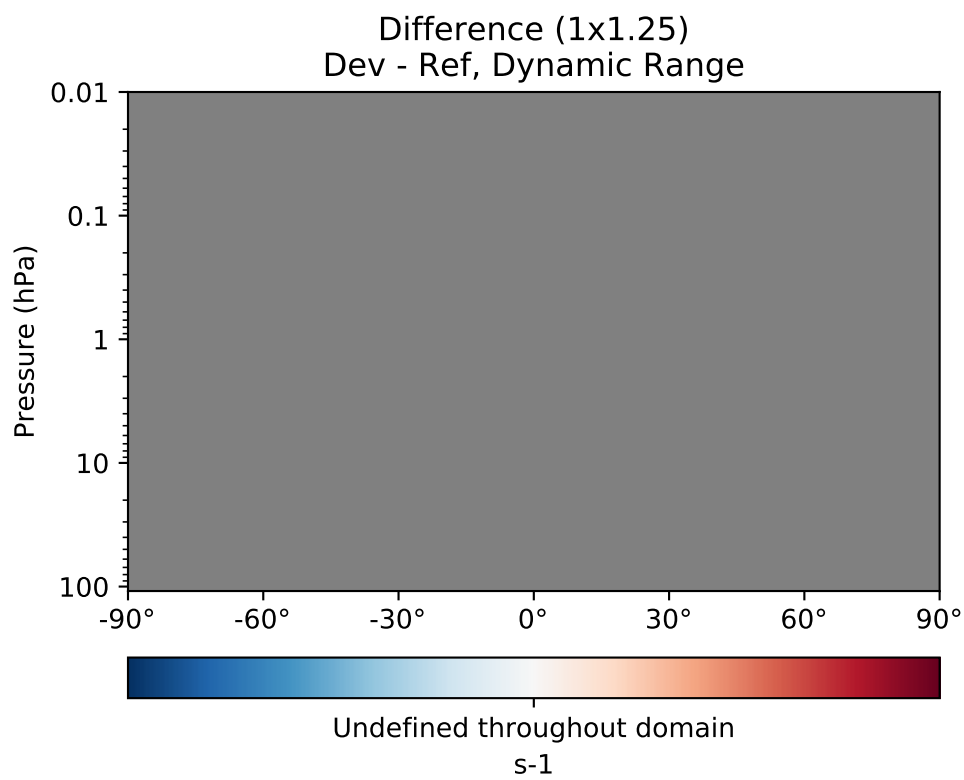
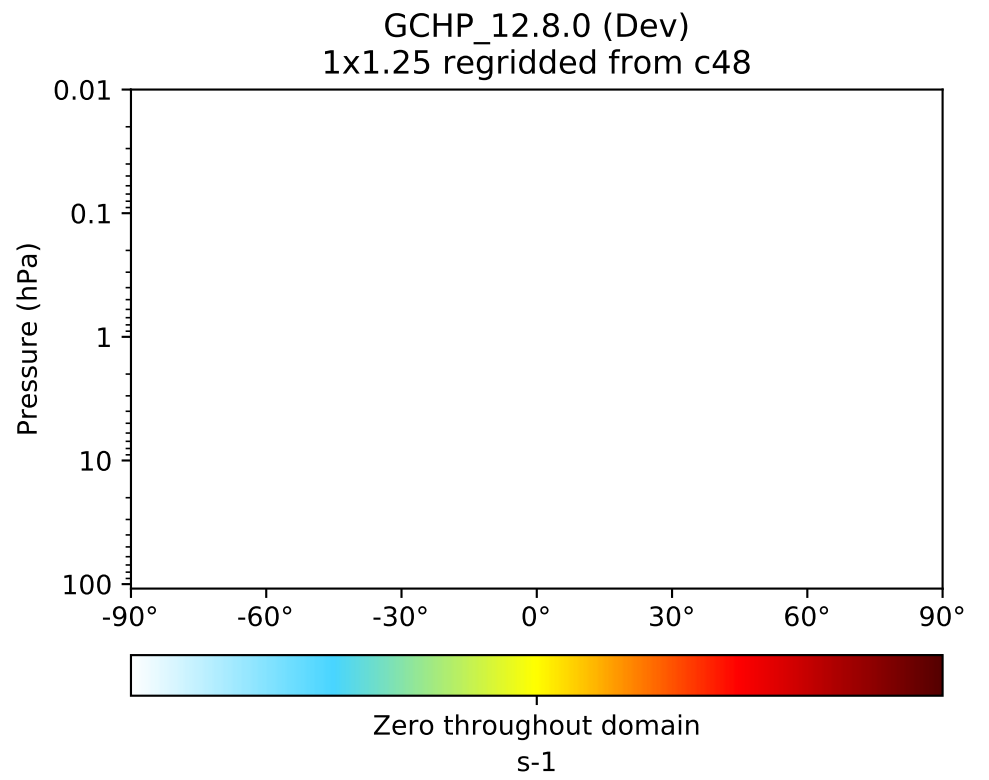
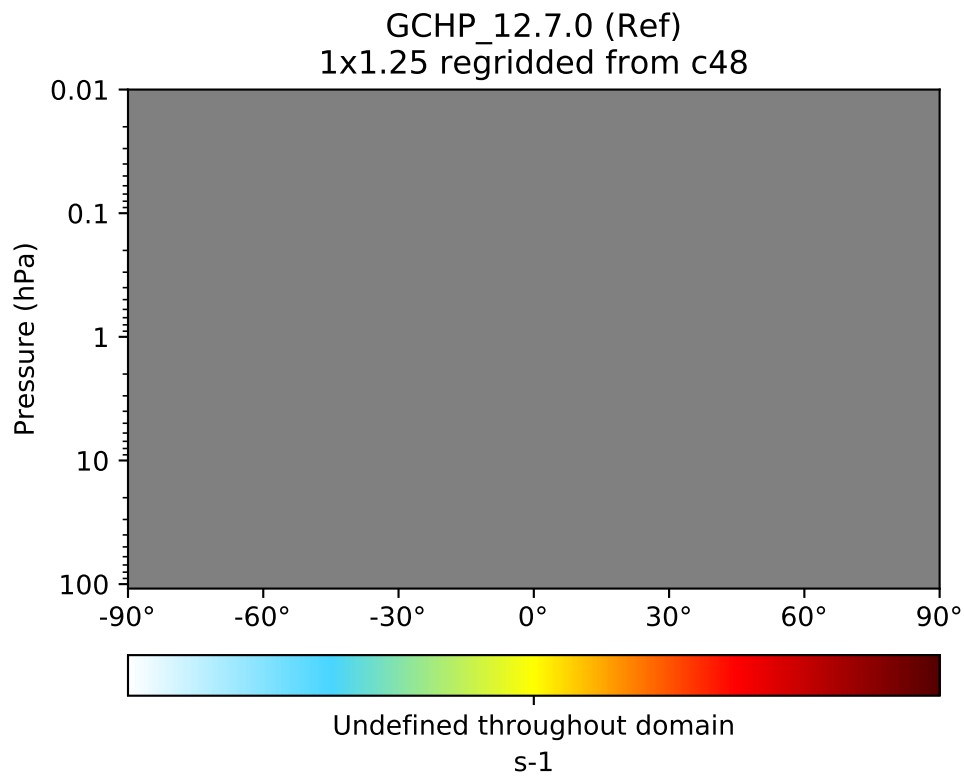
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

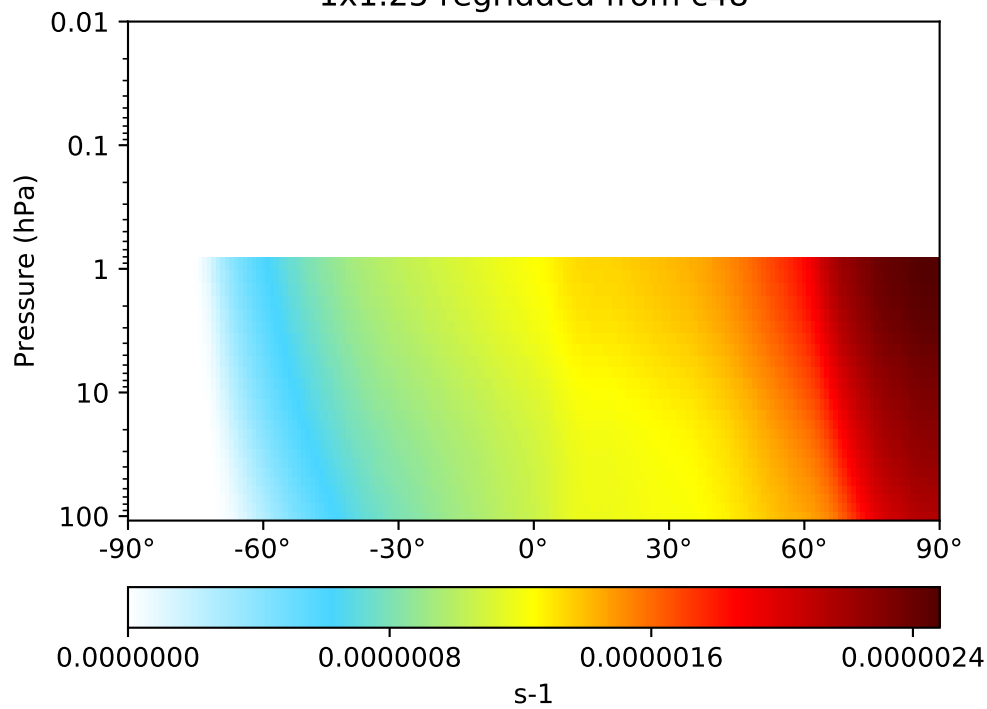


Jval_ITHN, Zonal Mean

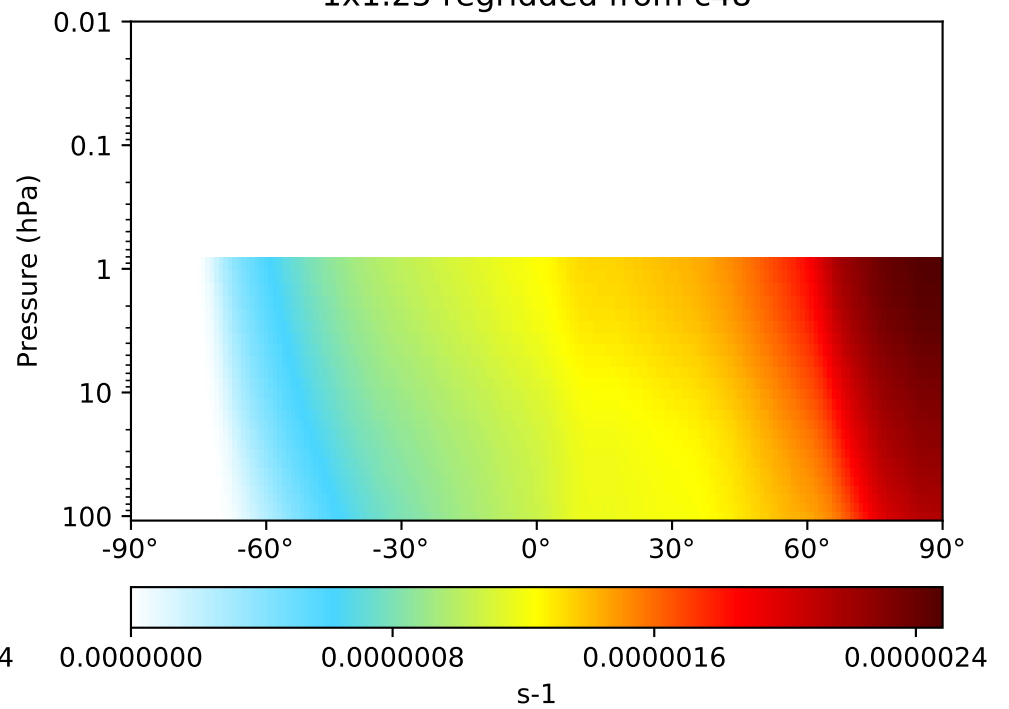


Jval_MACR, Zonal Mean

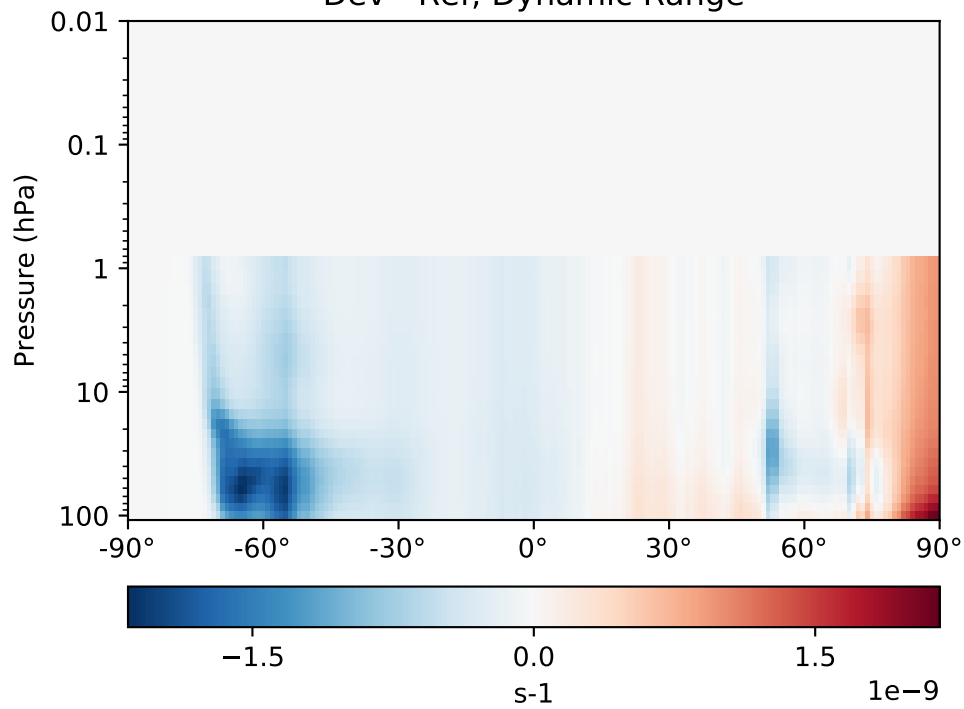
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



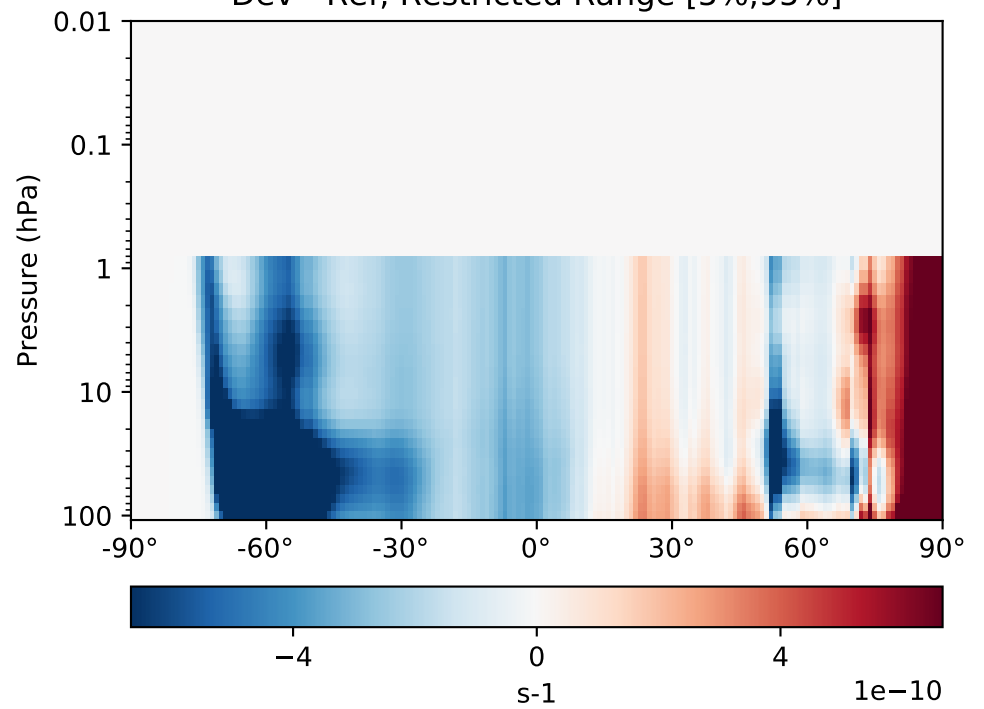
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



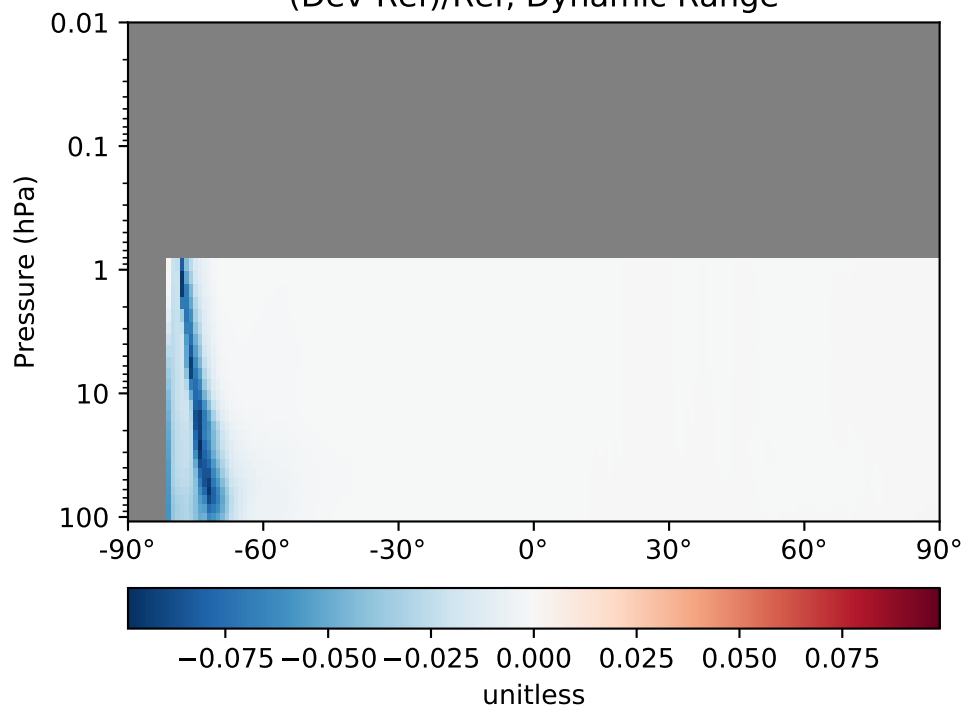
Difference (1x1.25)
Dev - Ref, Dynamic Range



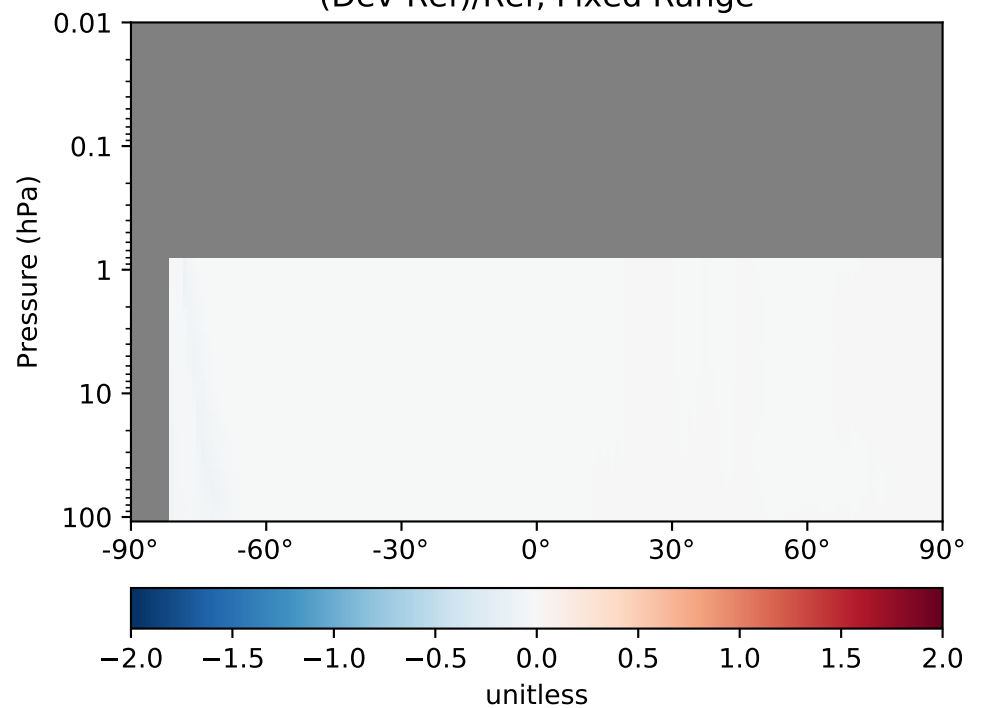
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



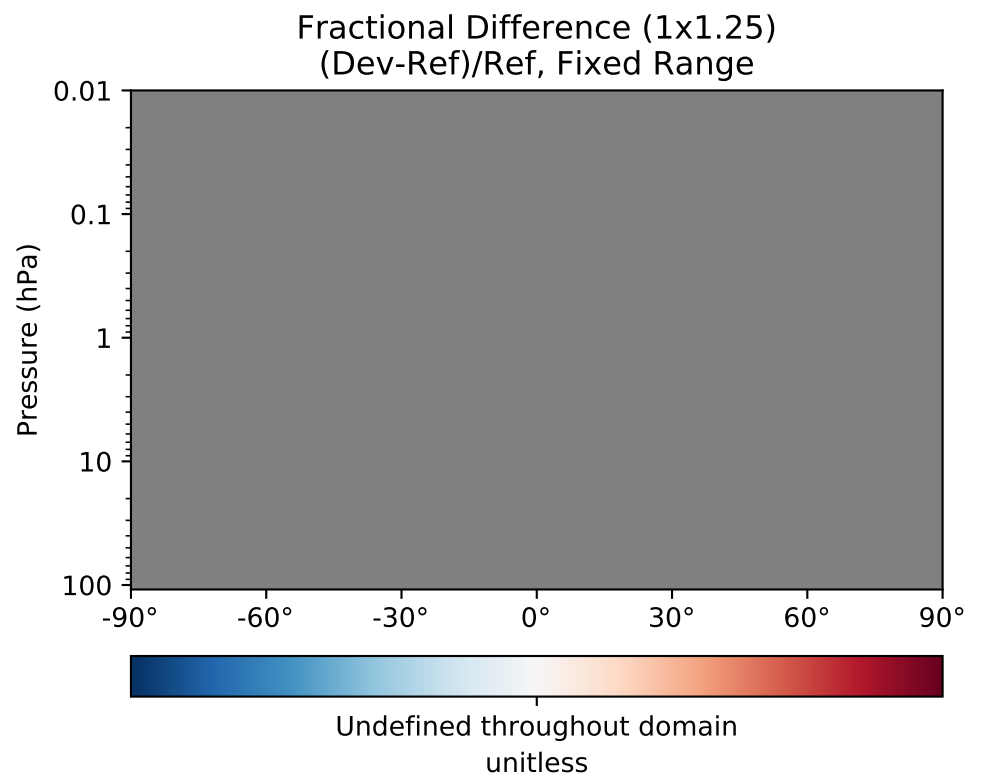
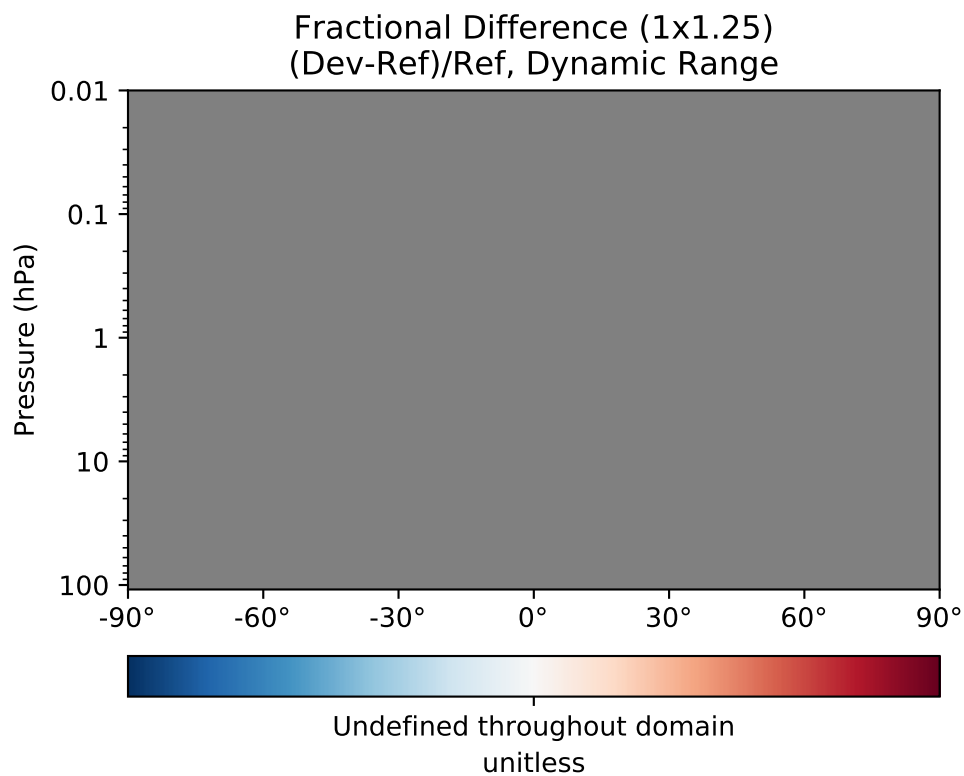
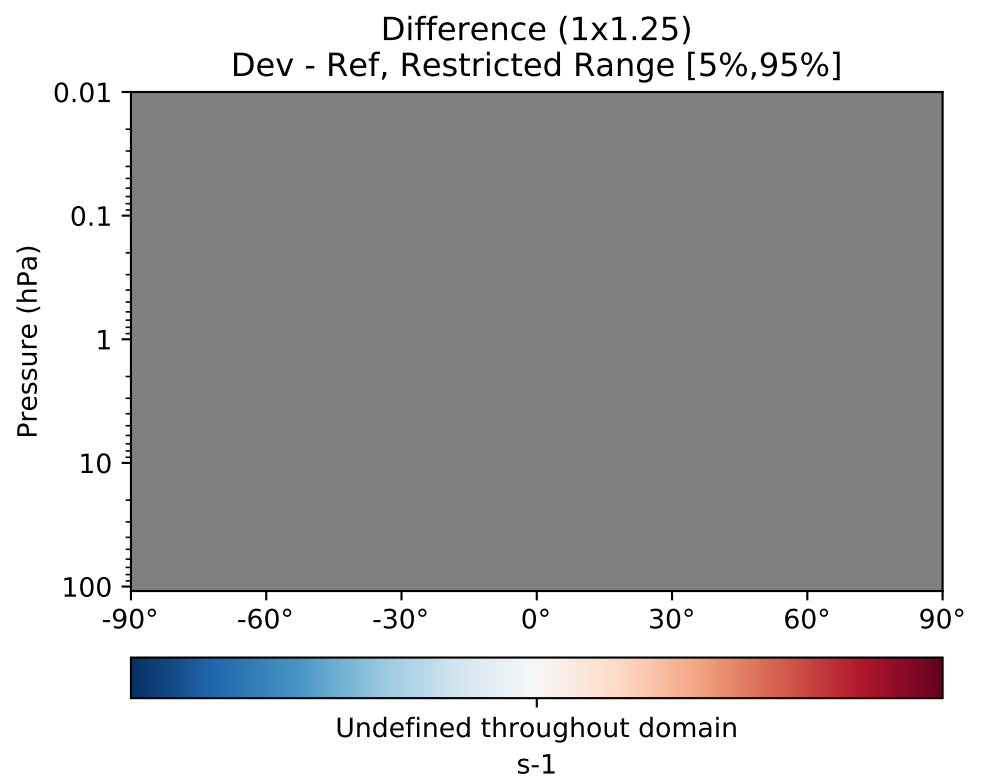
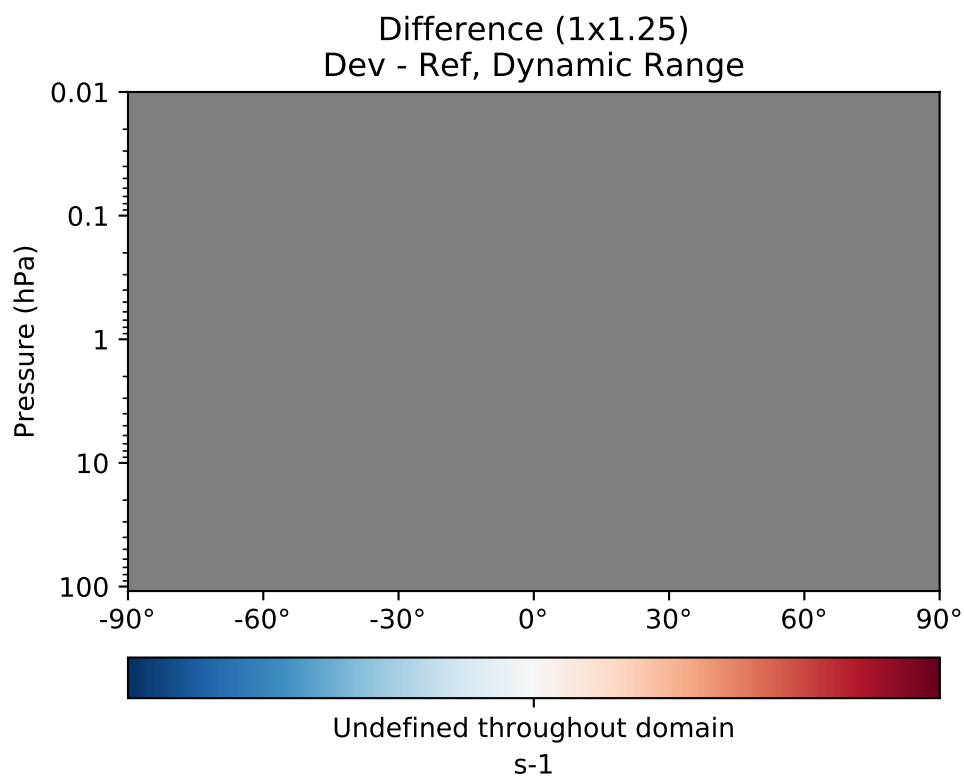
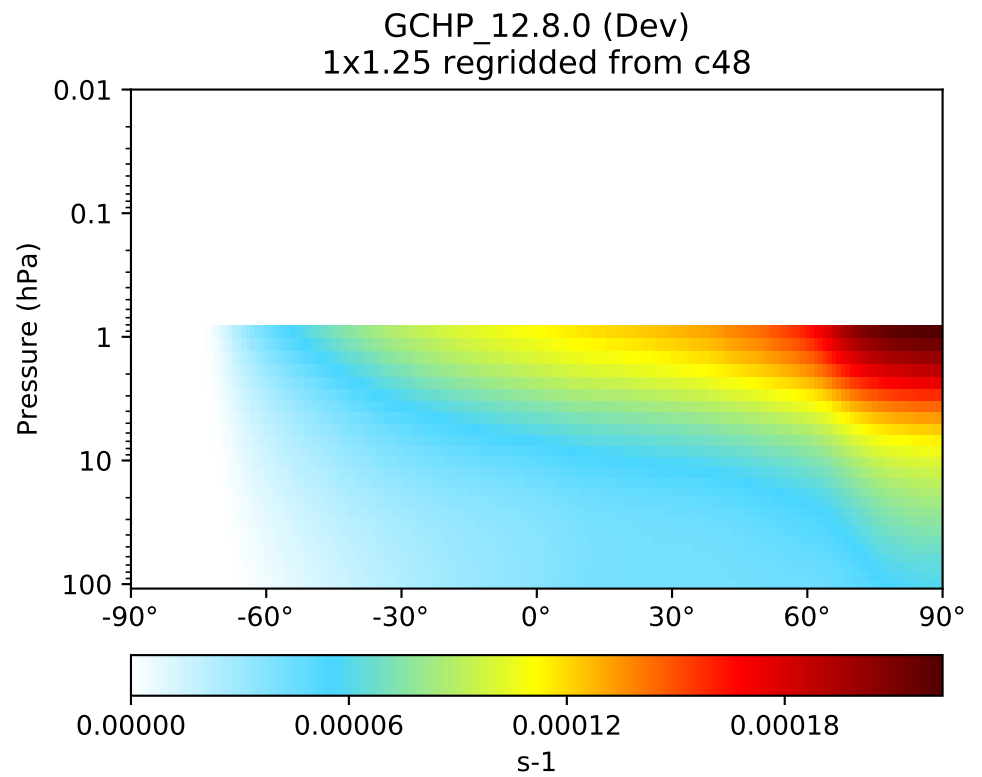
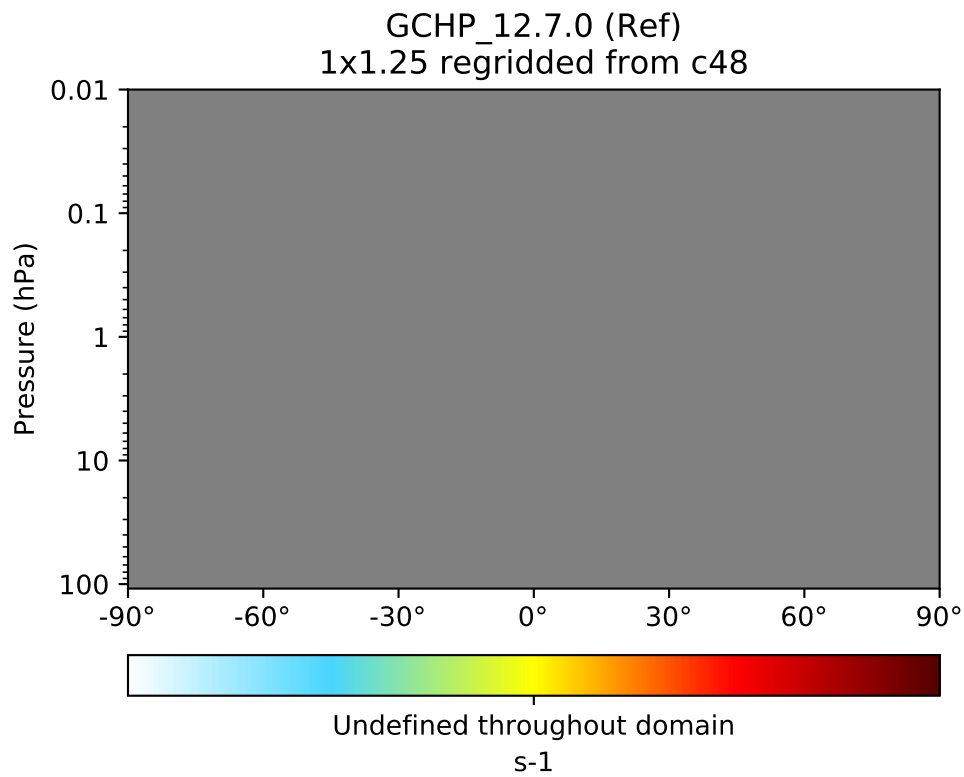
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



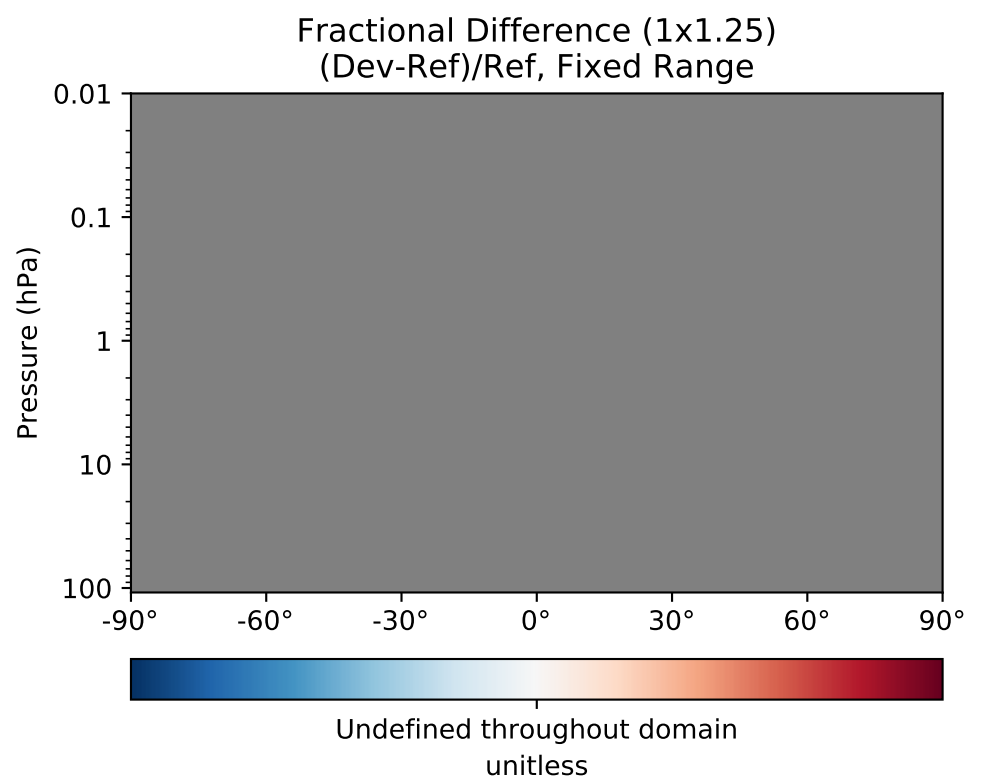
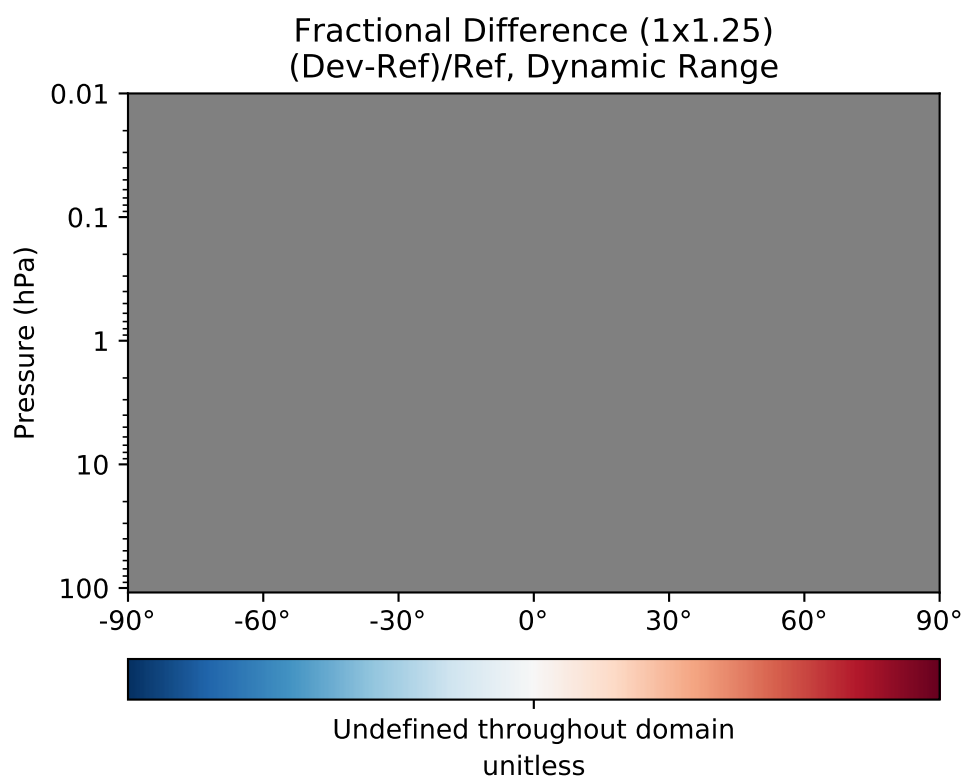
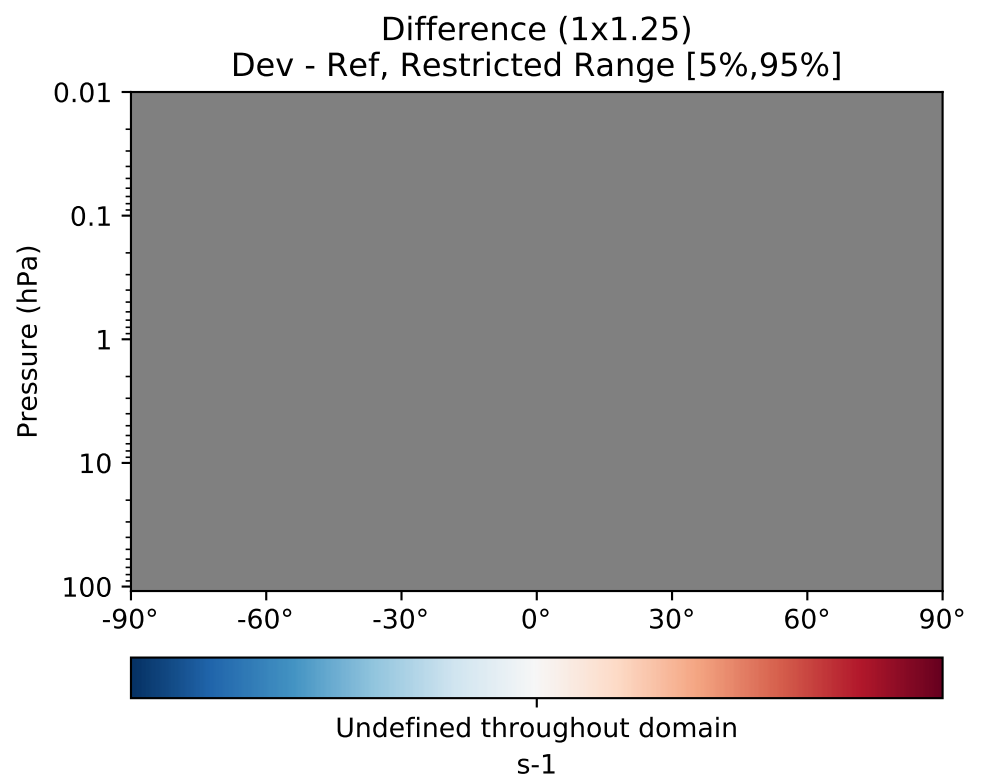
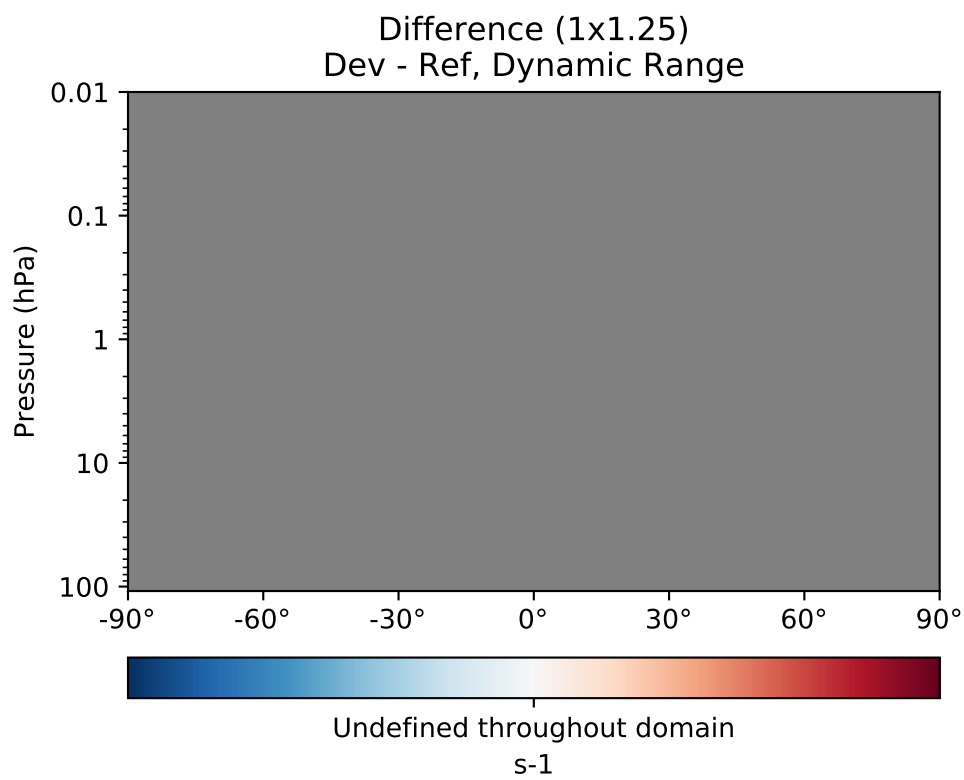
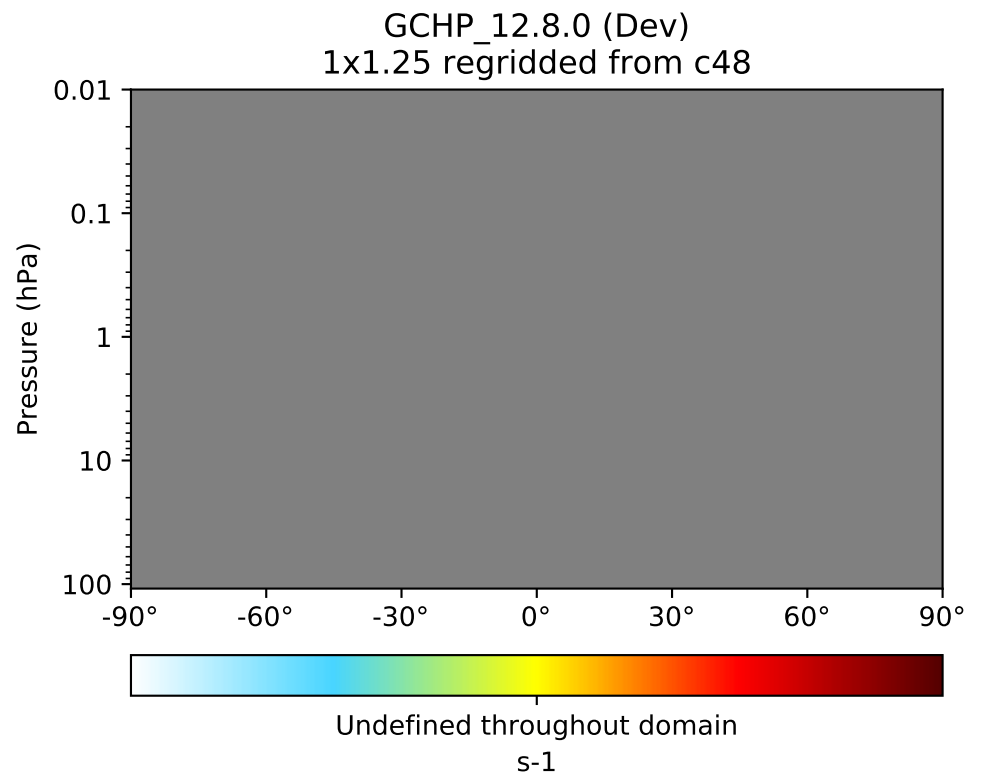
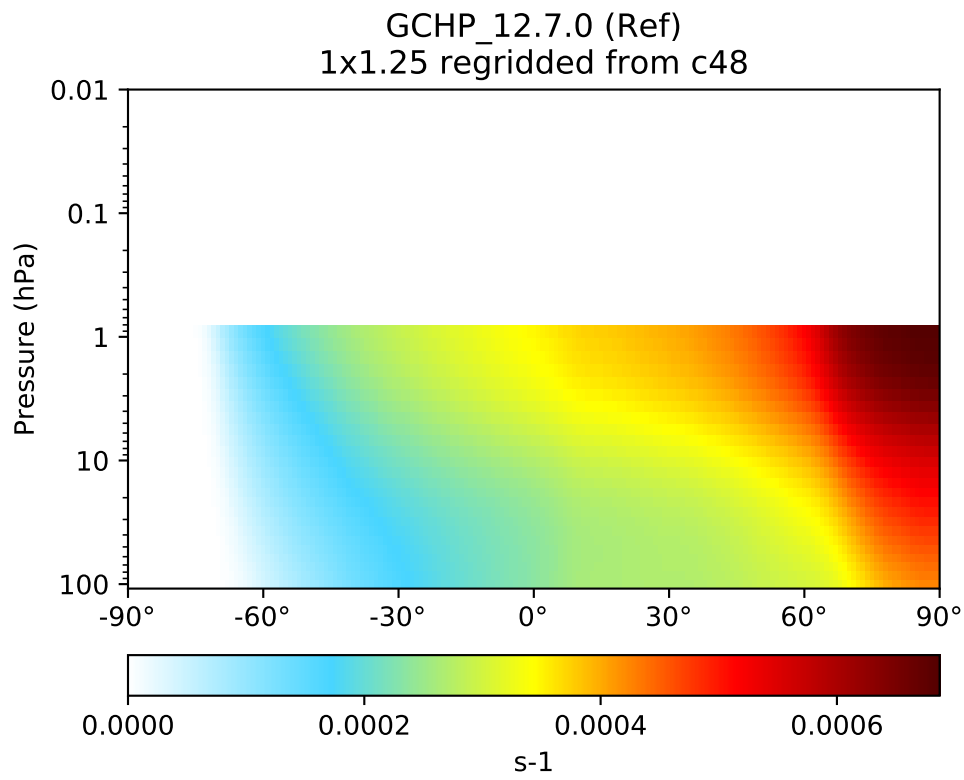
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



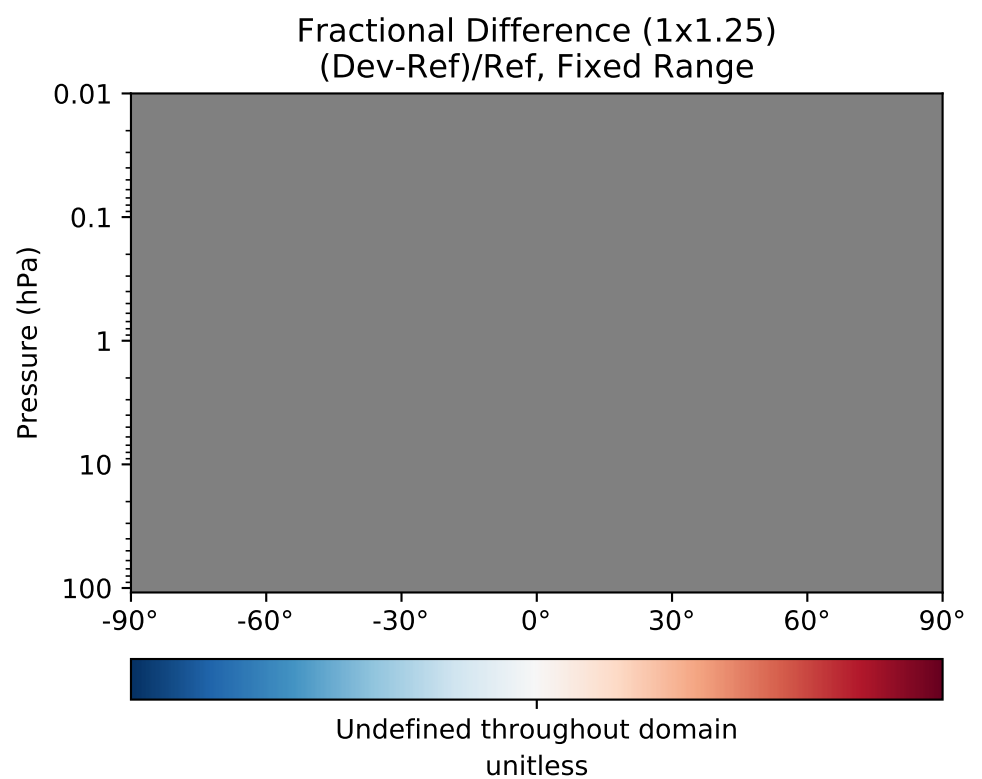
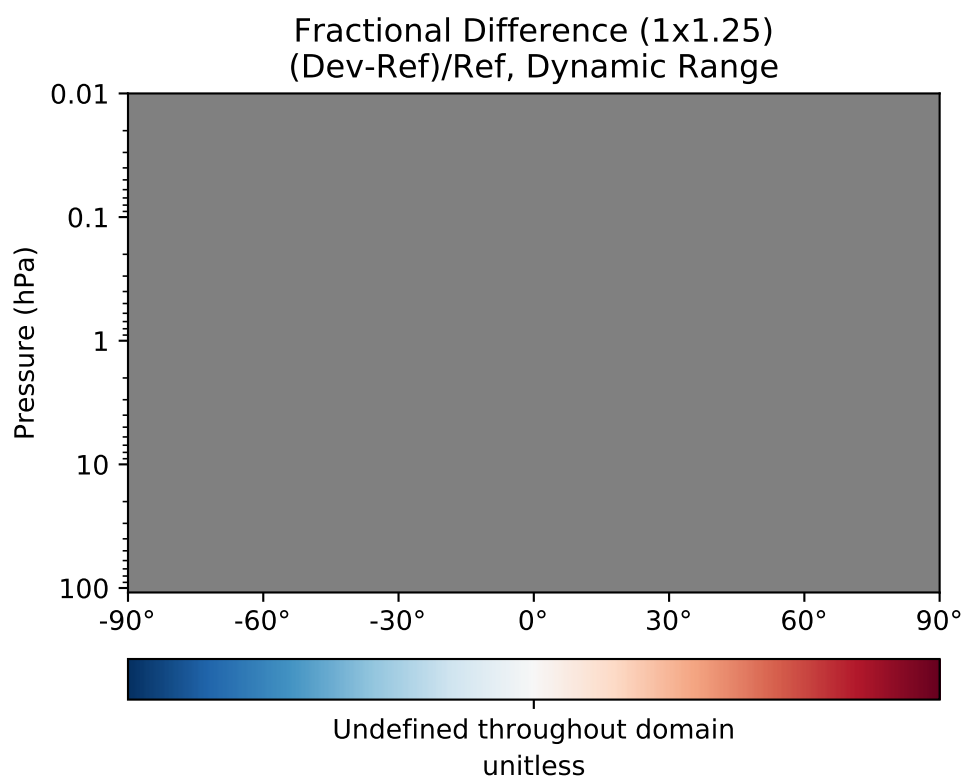
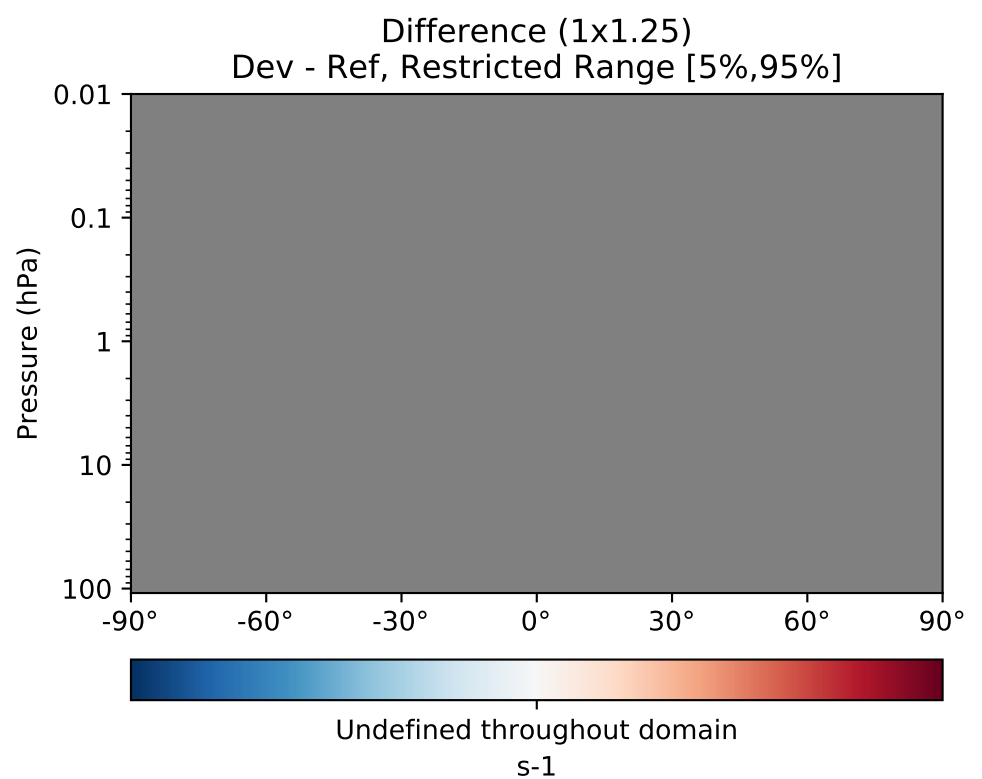
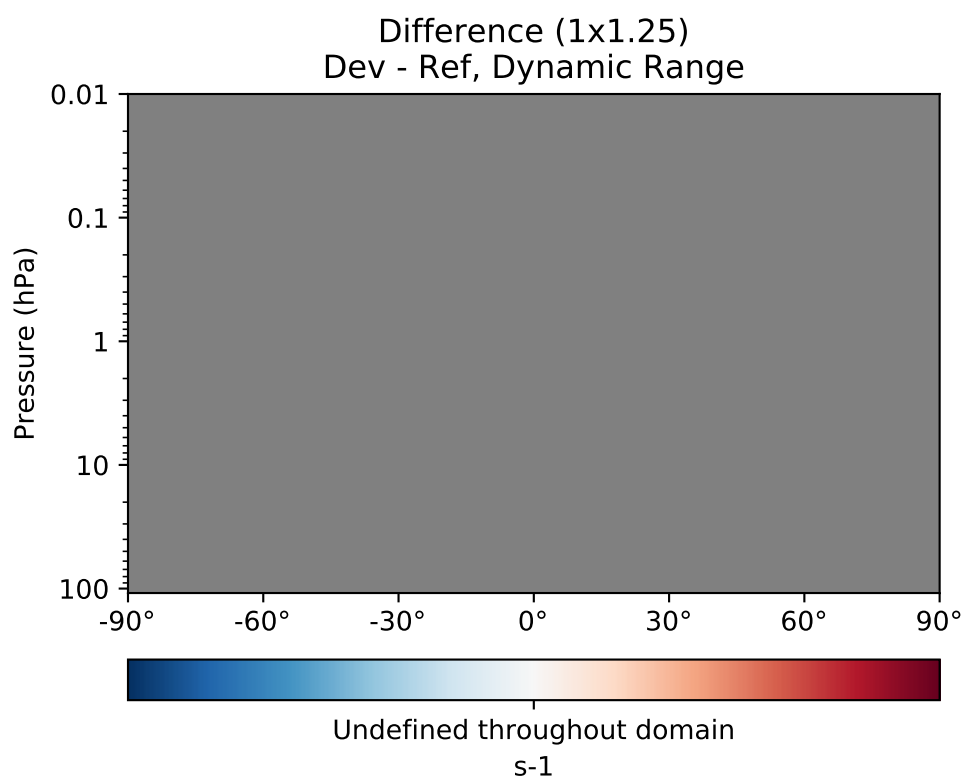
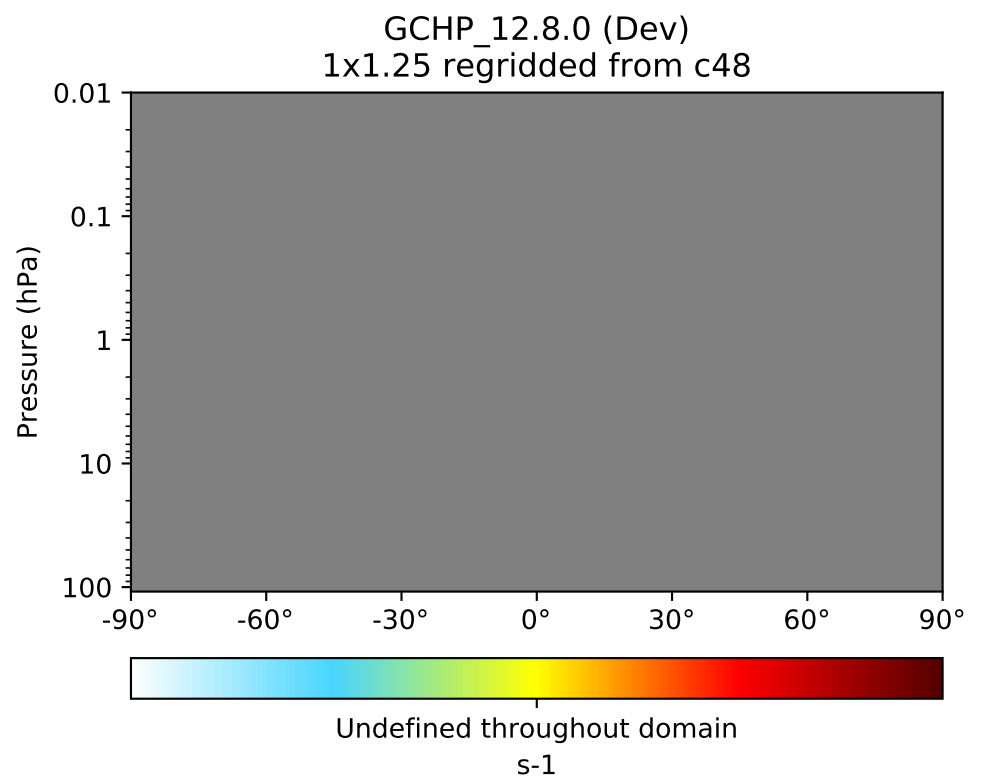
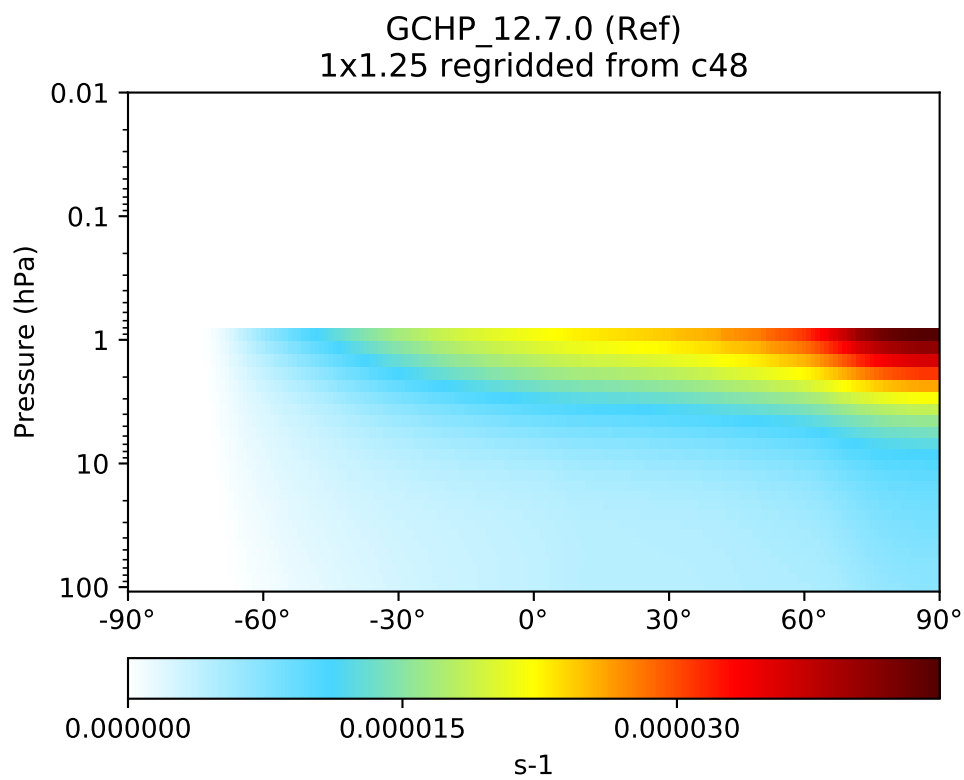
Jval_MACR100H, Zonal Mean



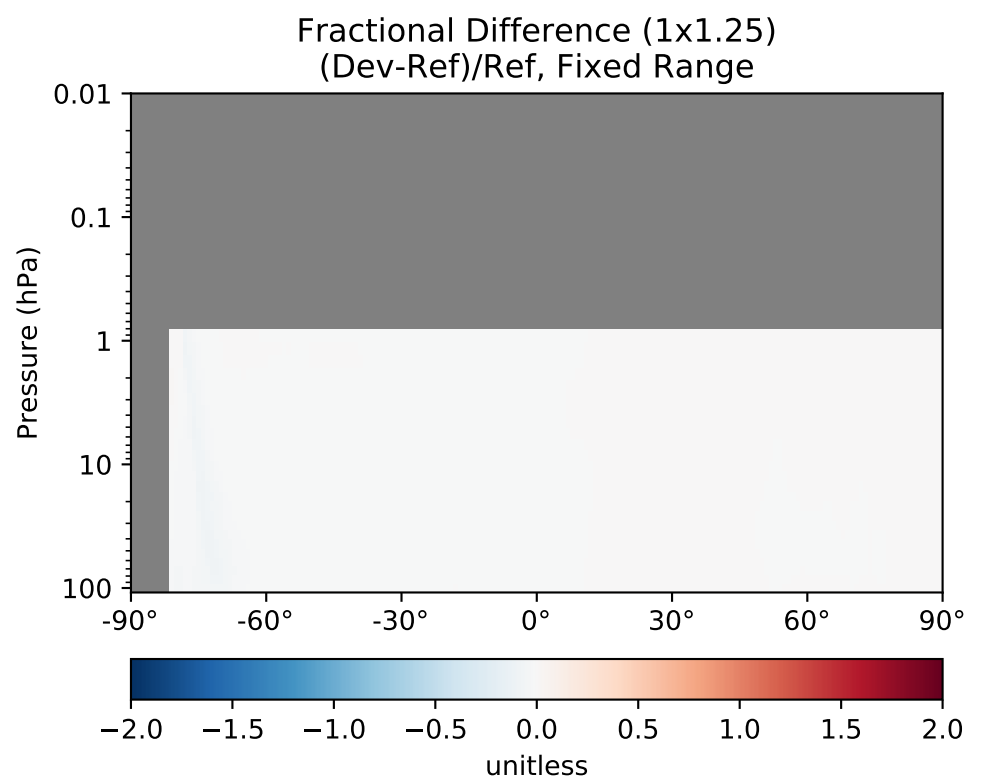
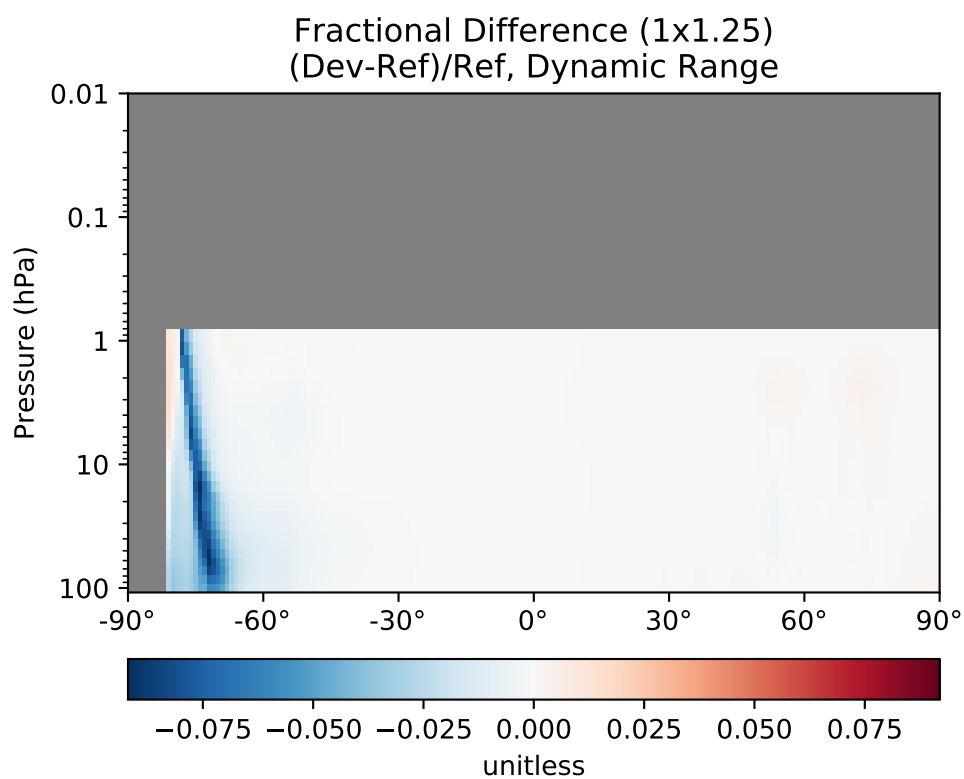
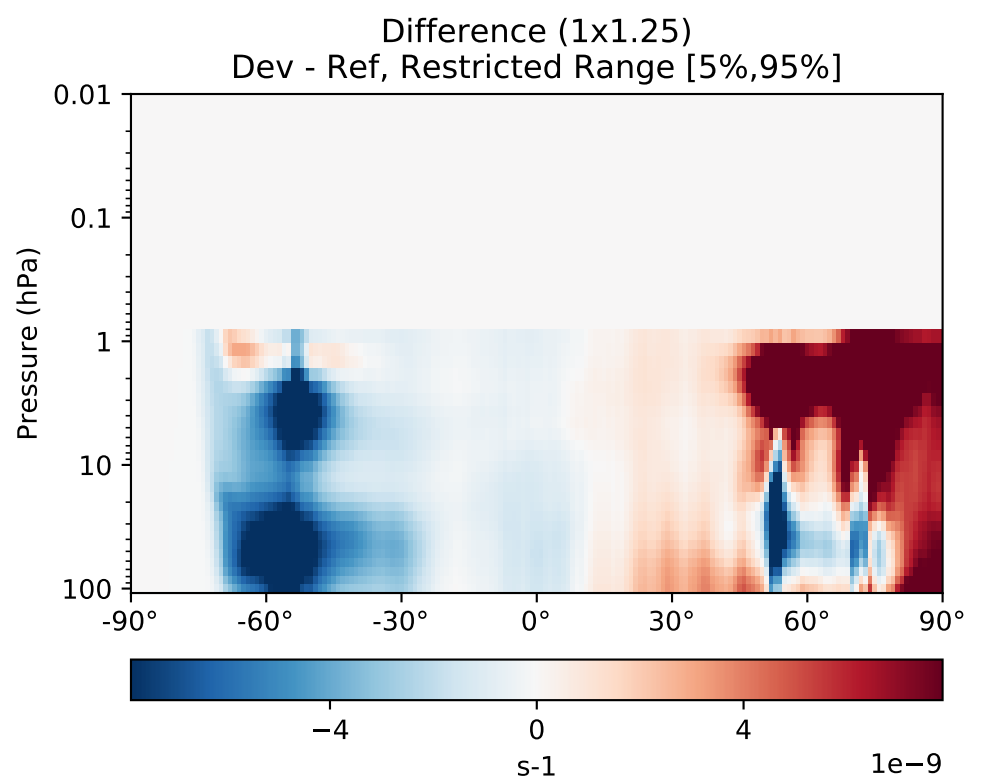
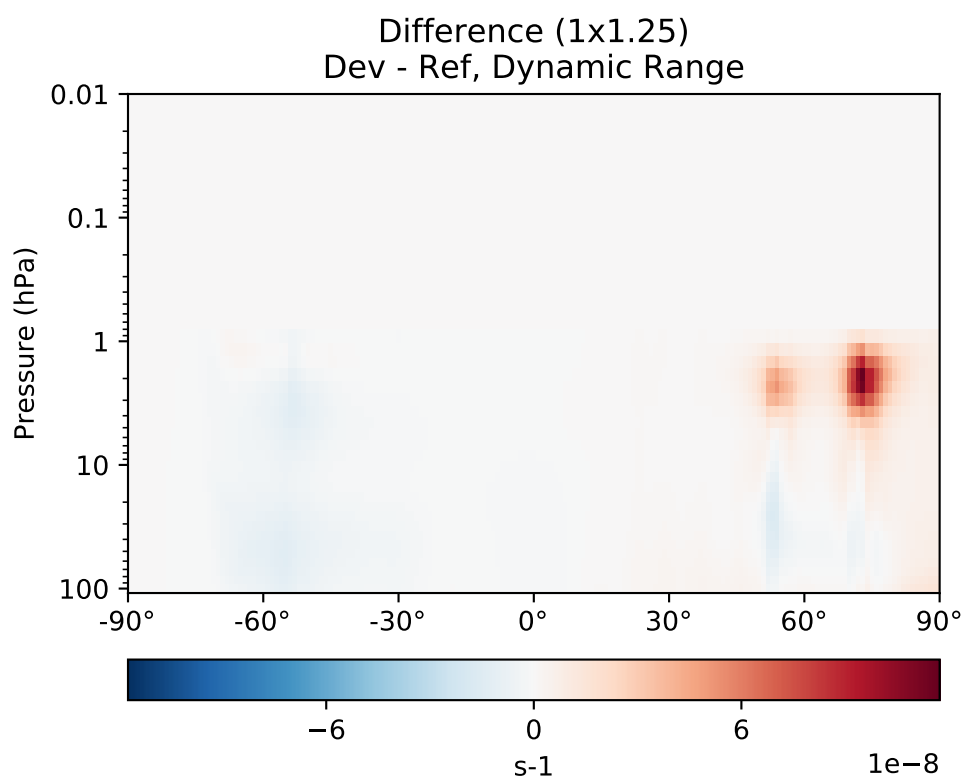
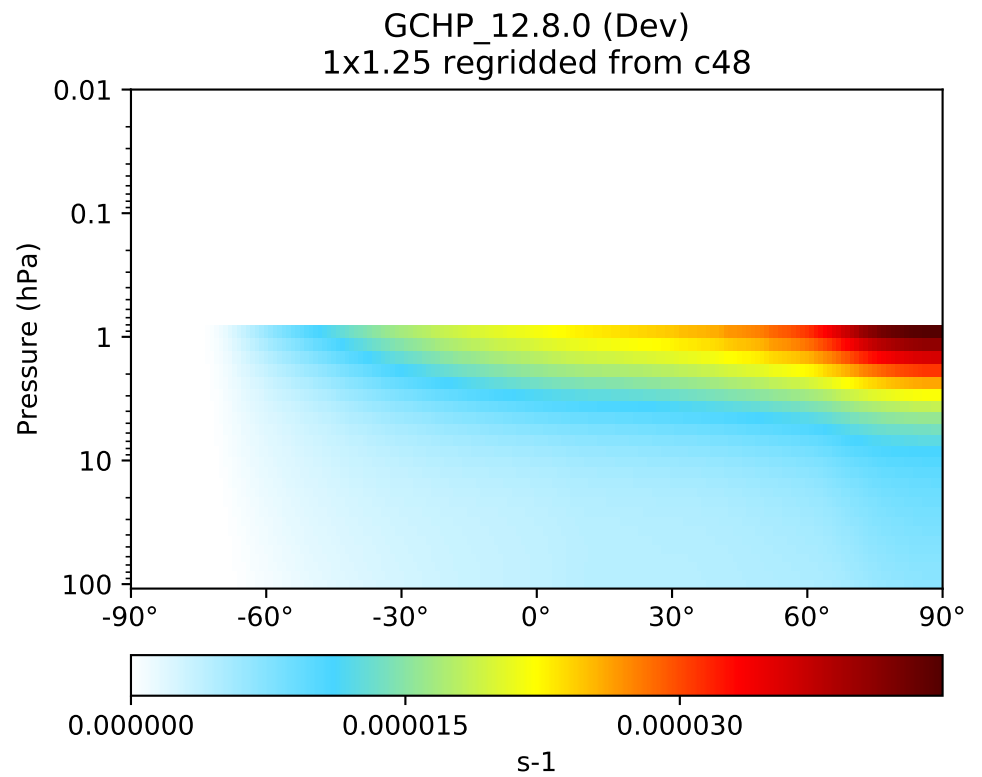
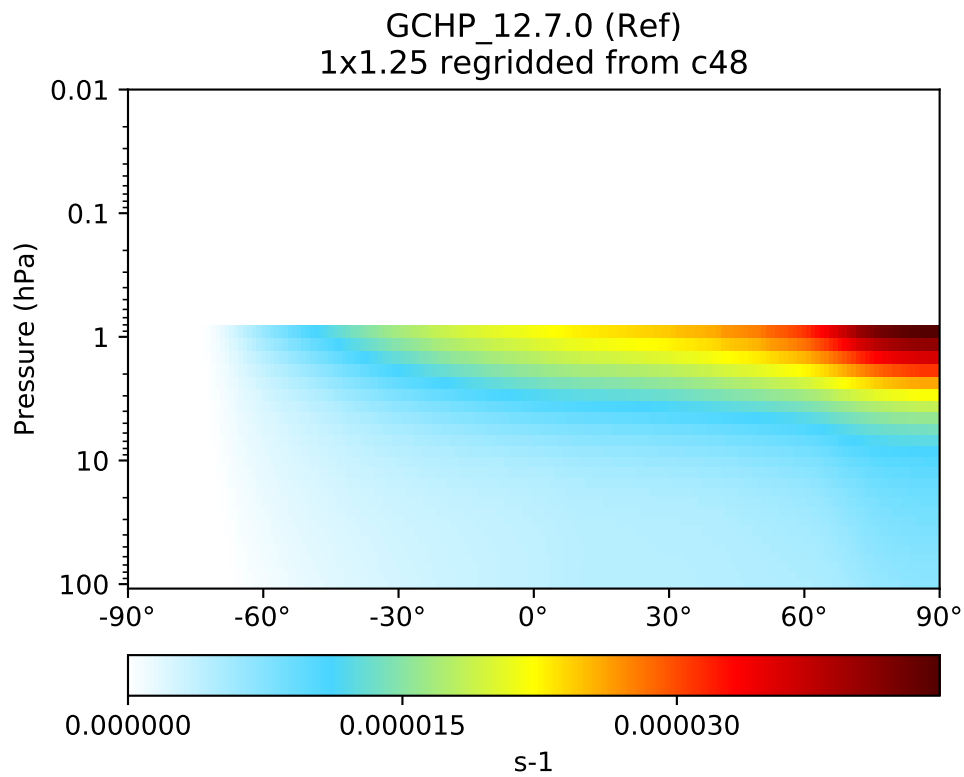
Jval_MACRN, Zonal Mean



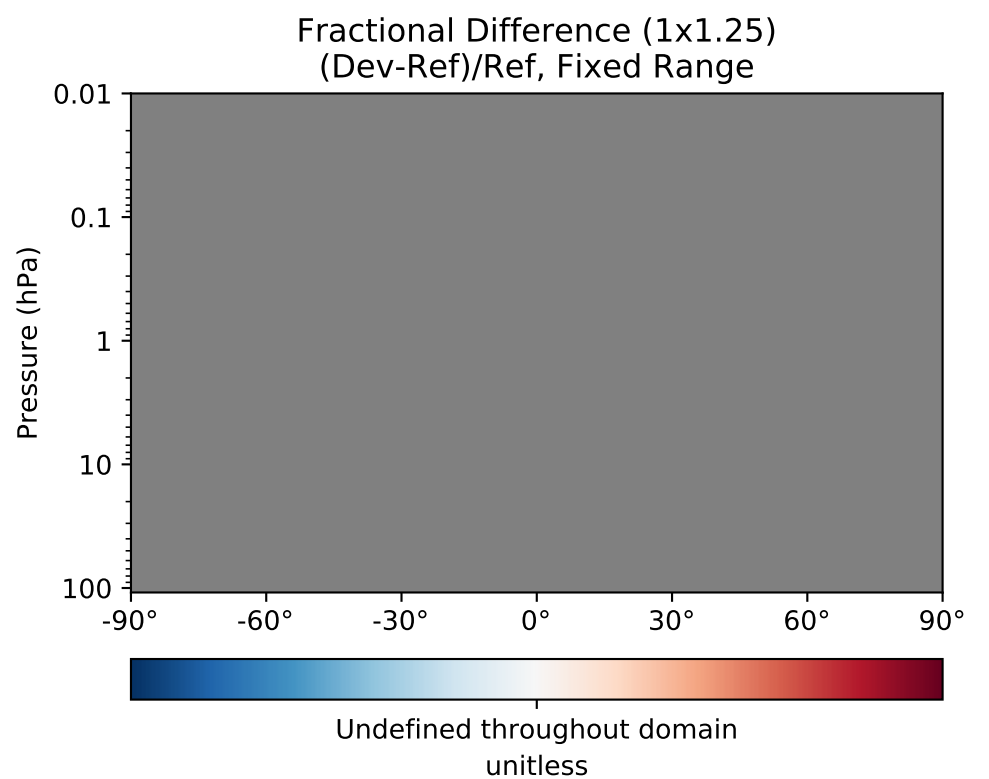
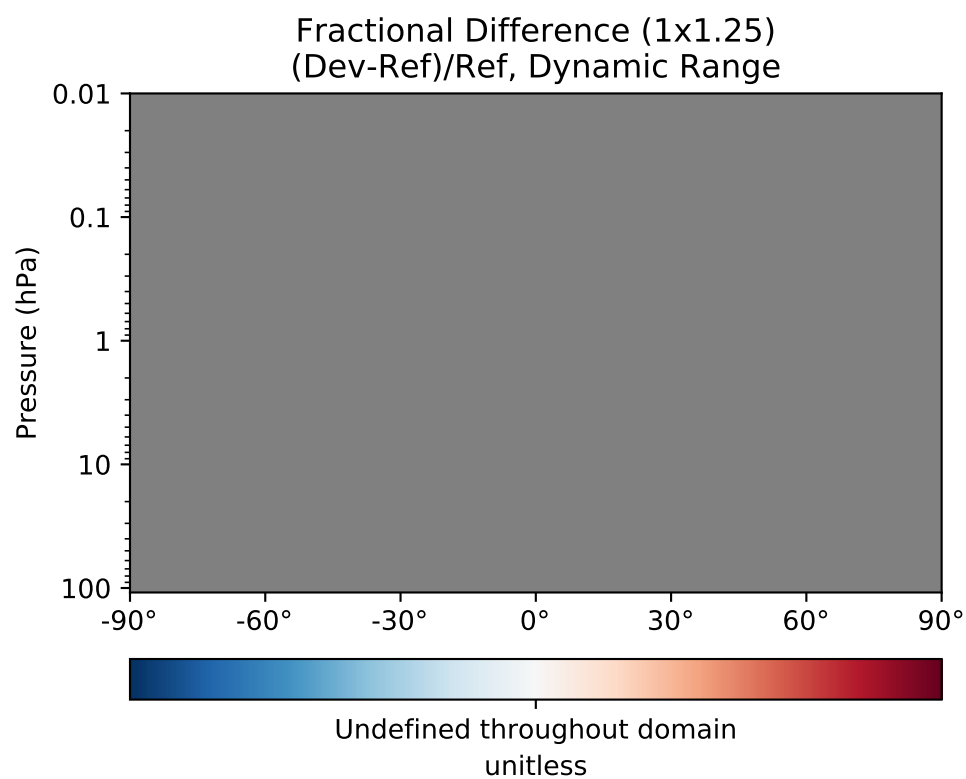
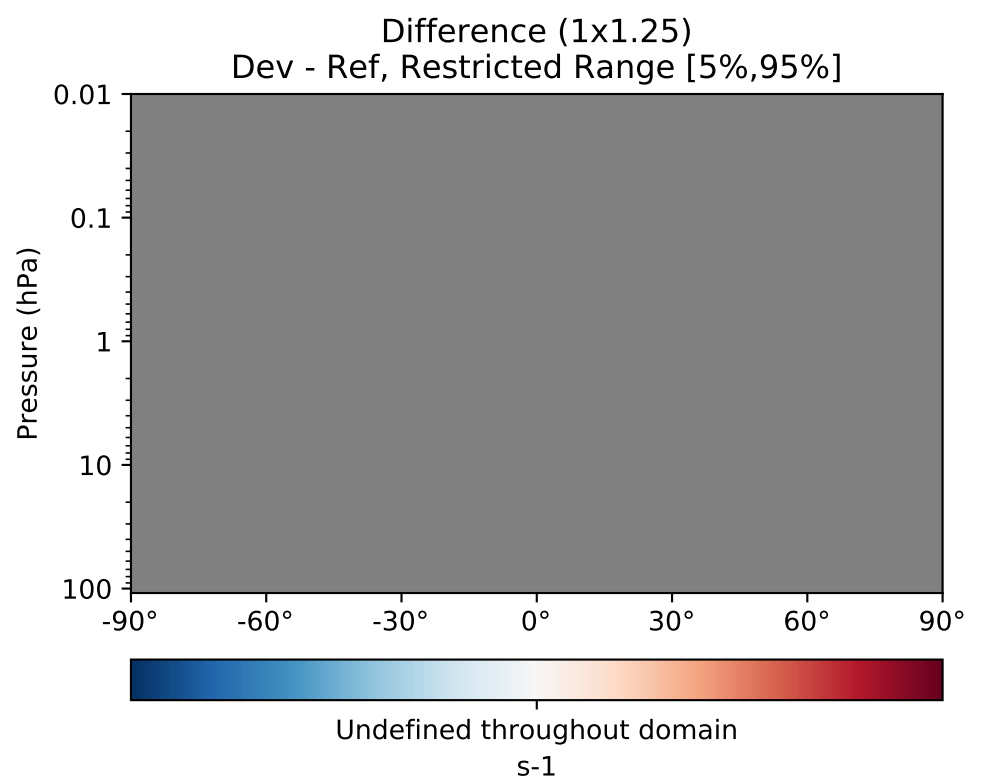
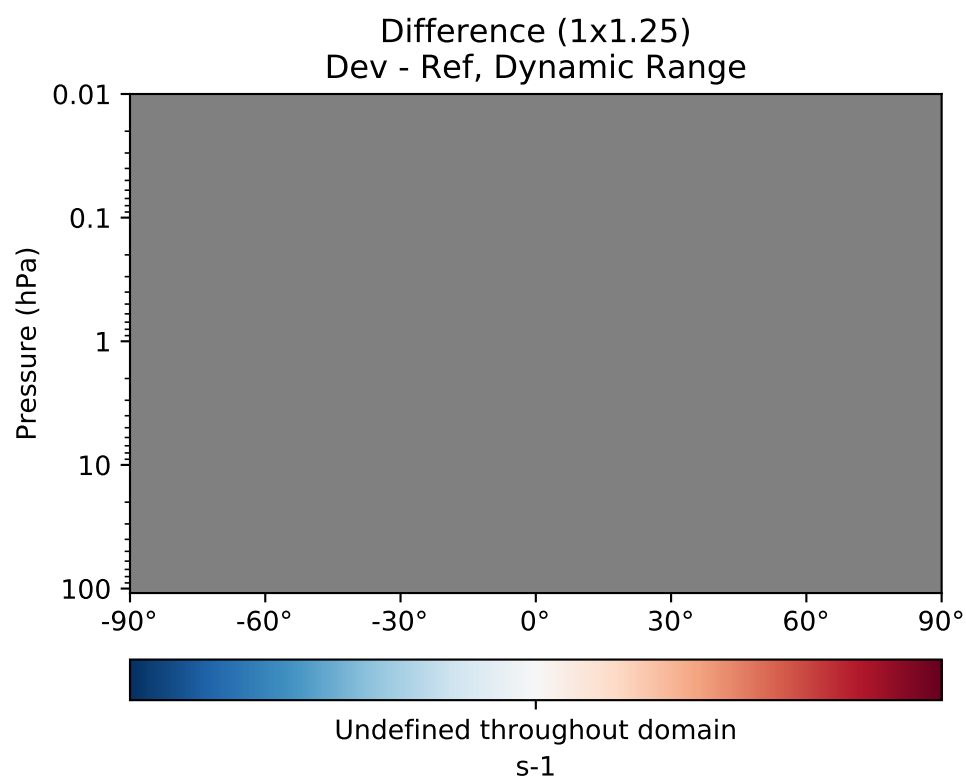
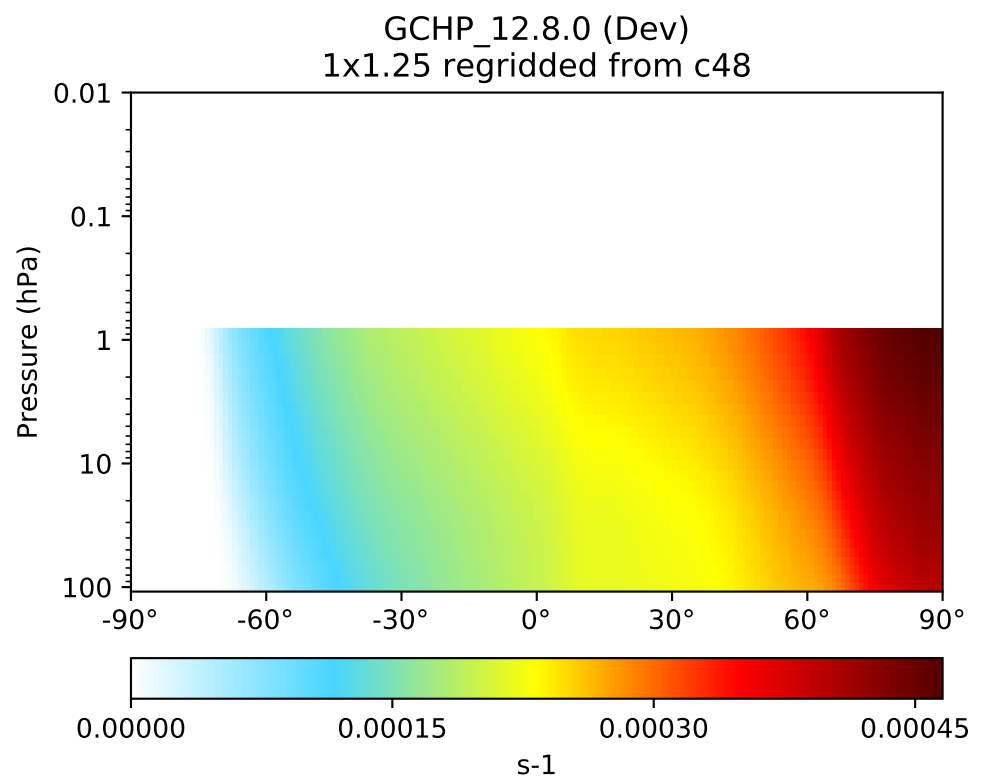
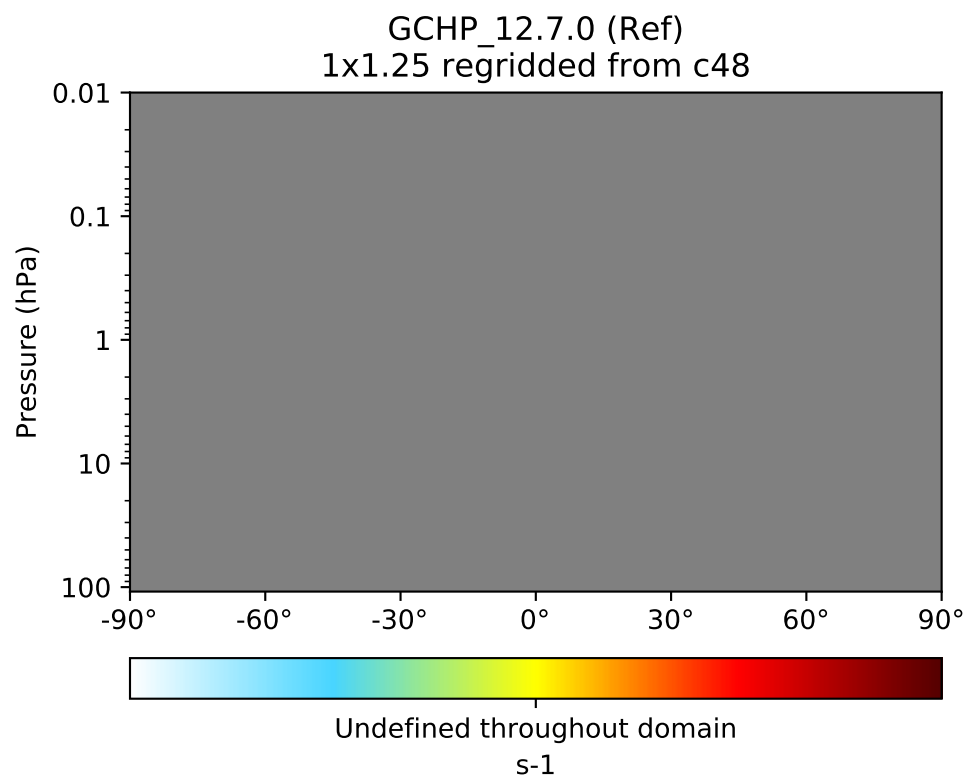
Jval_MAOP, Zonal Mean



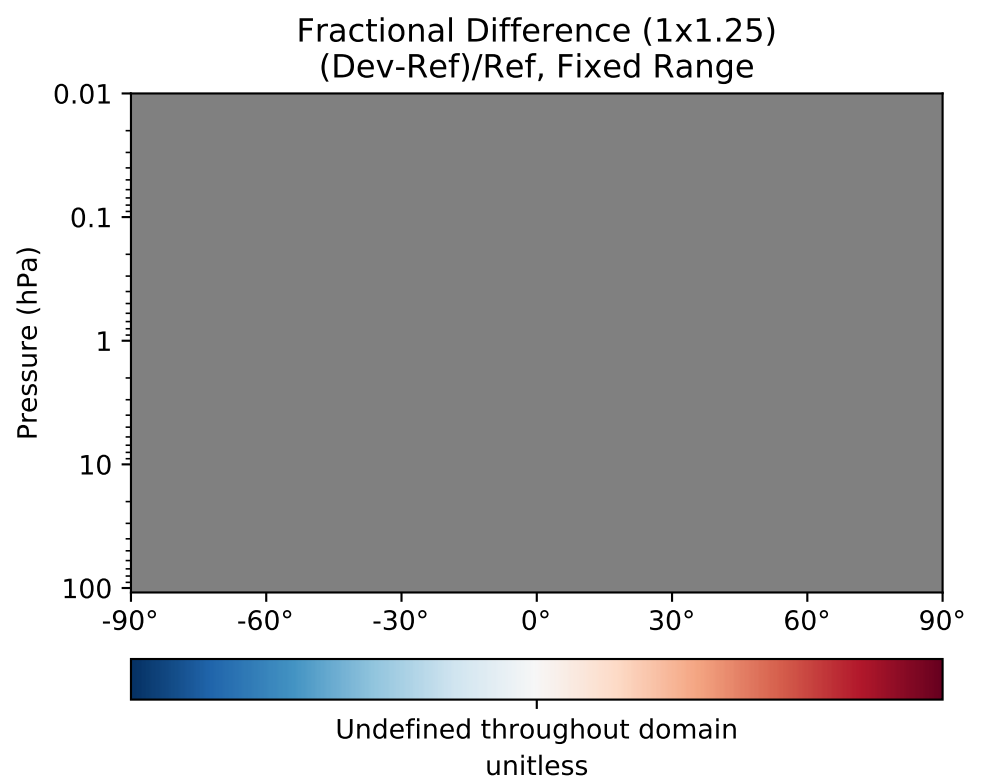
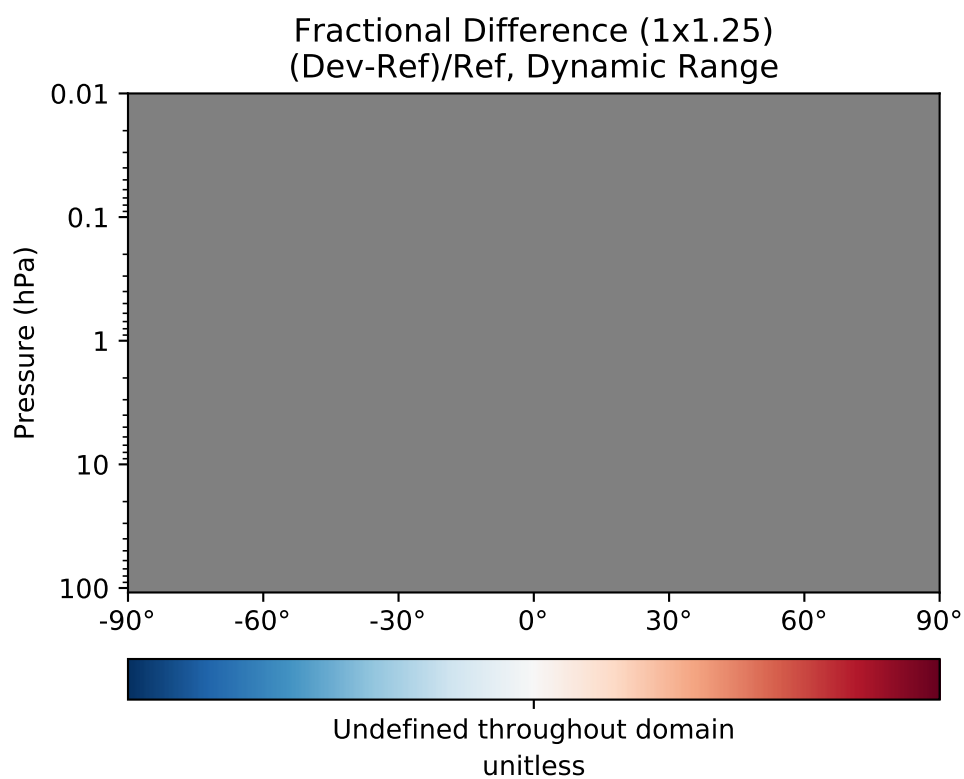
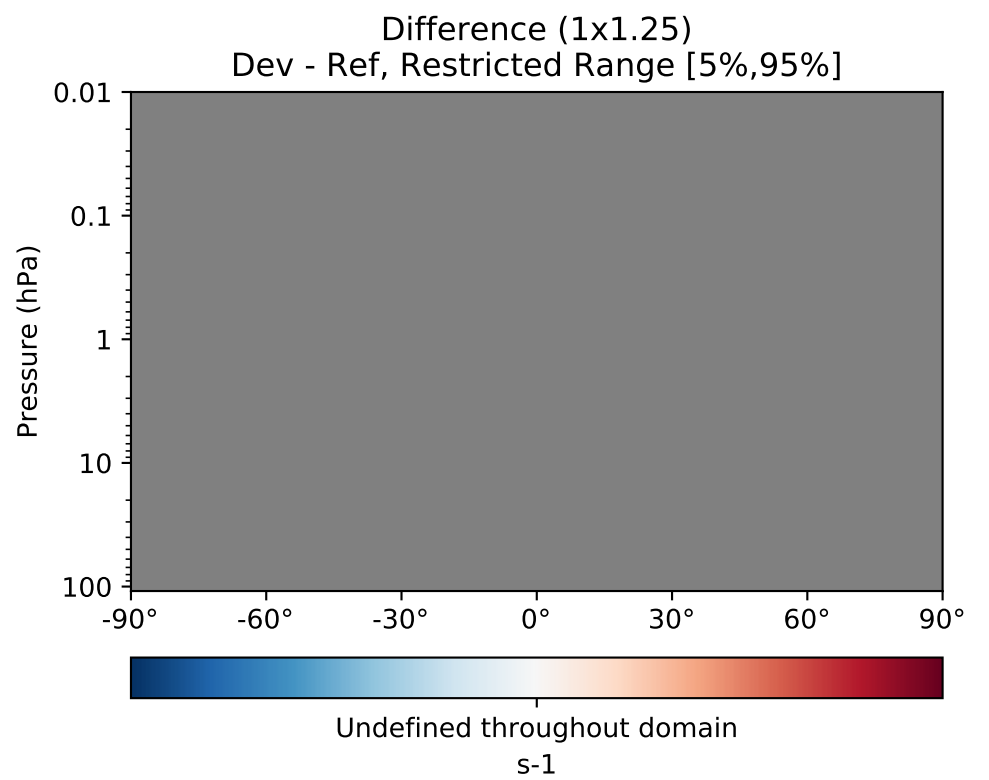
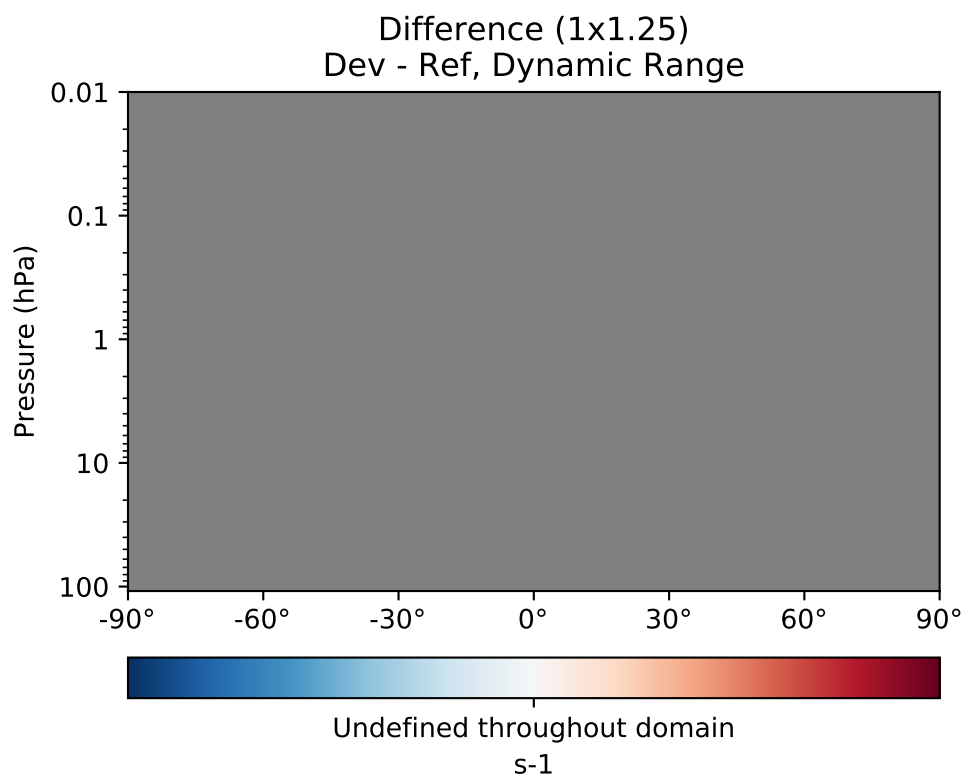
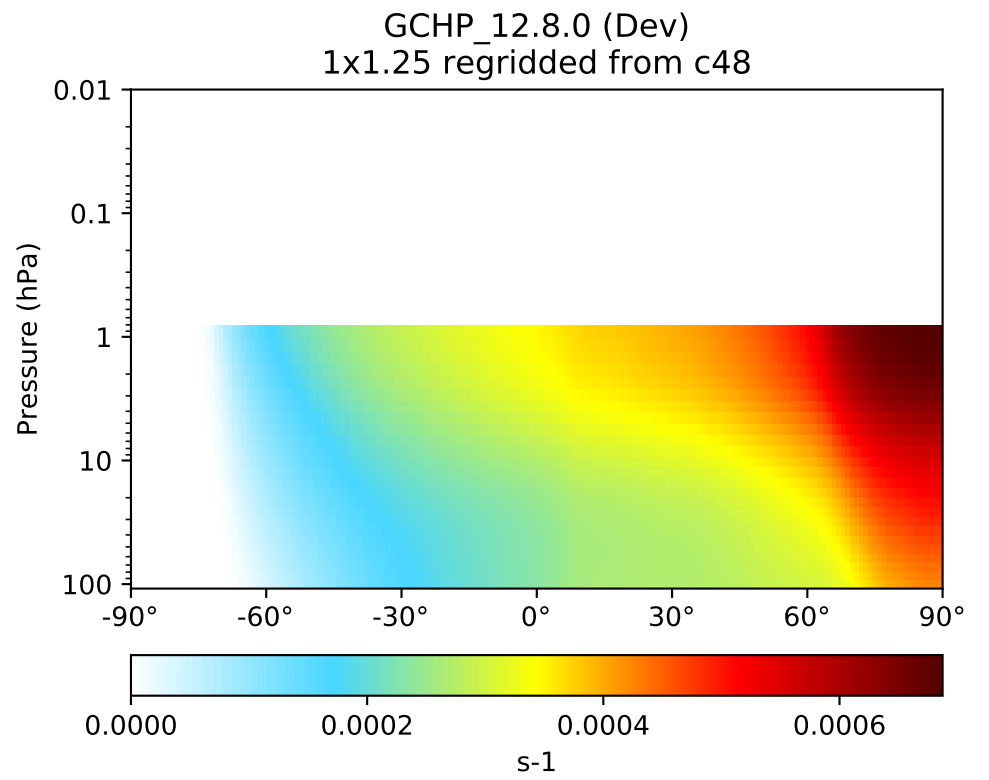
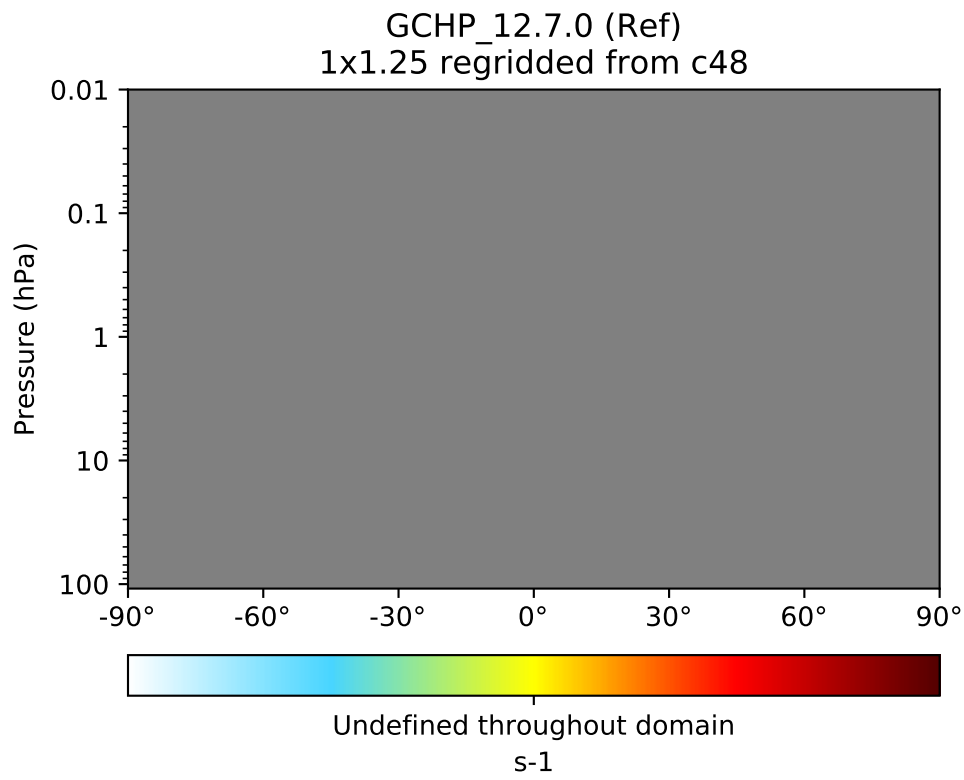
Jval_MAP, Zonal Mean



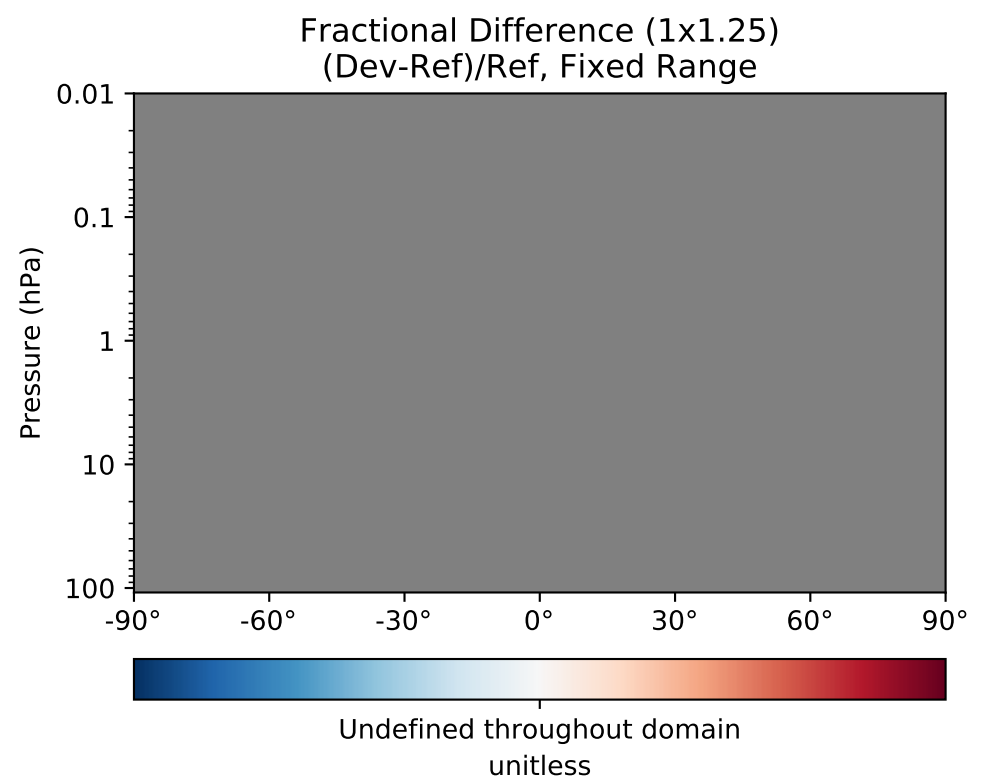
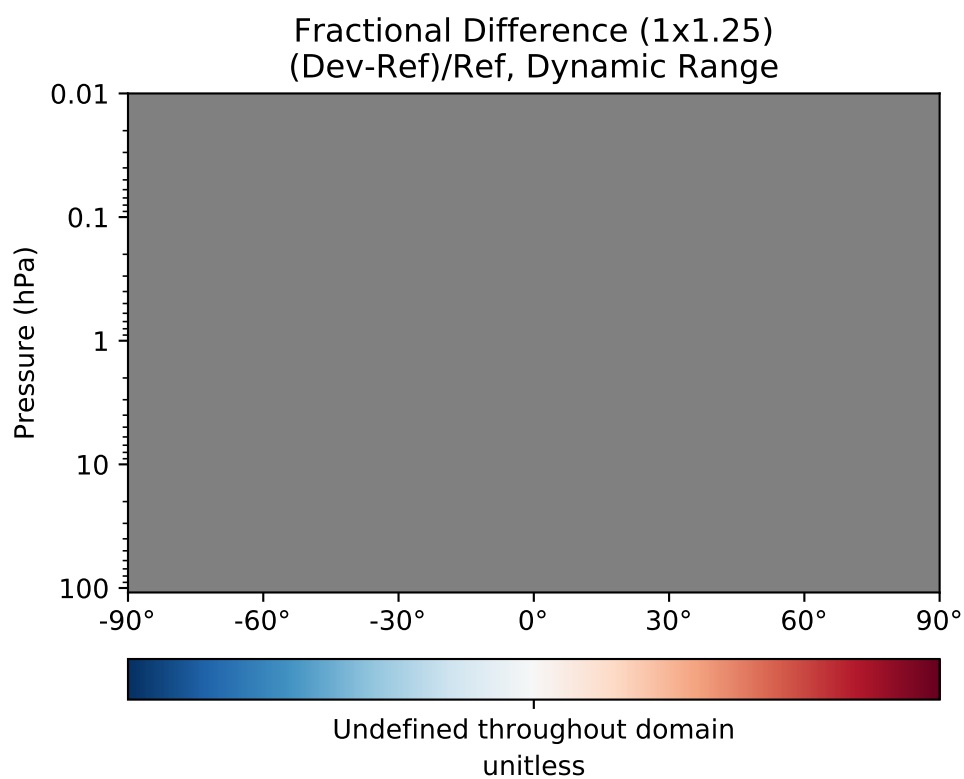
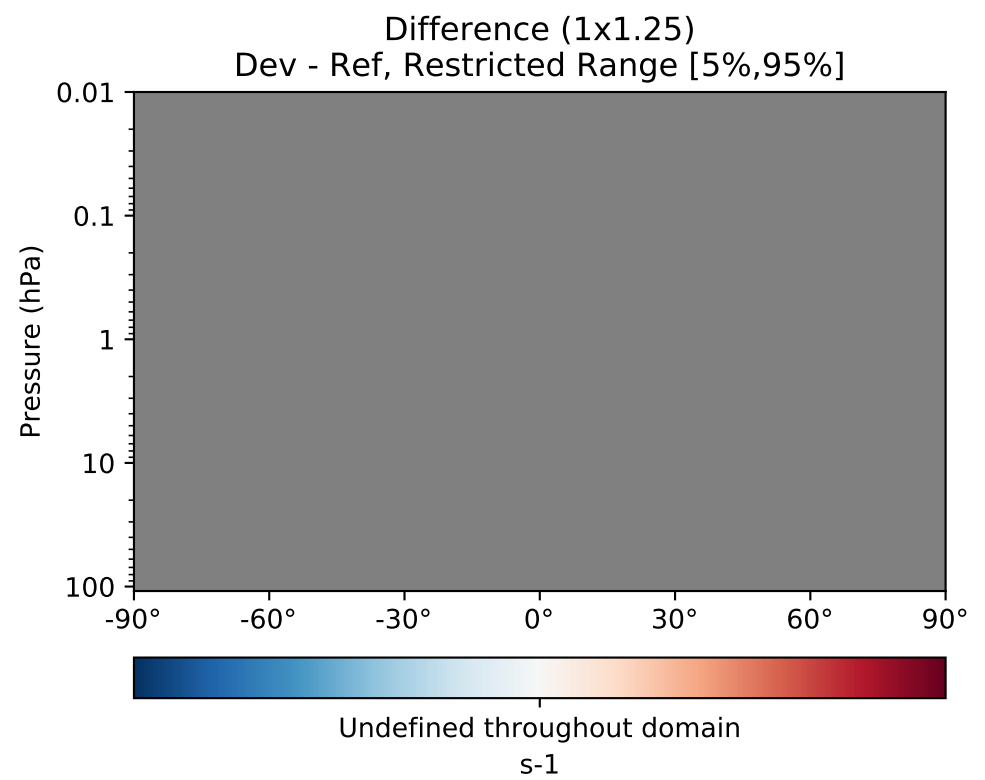
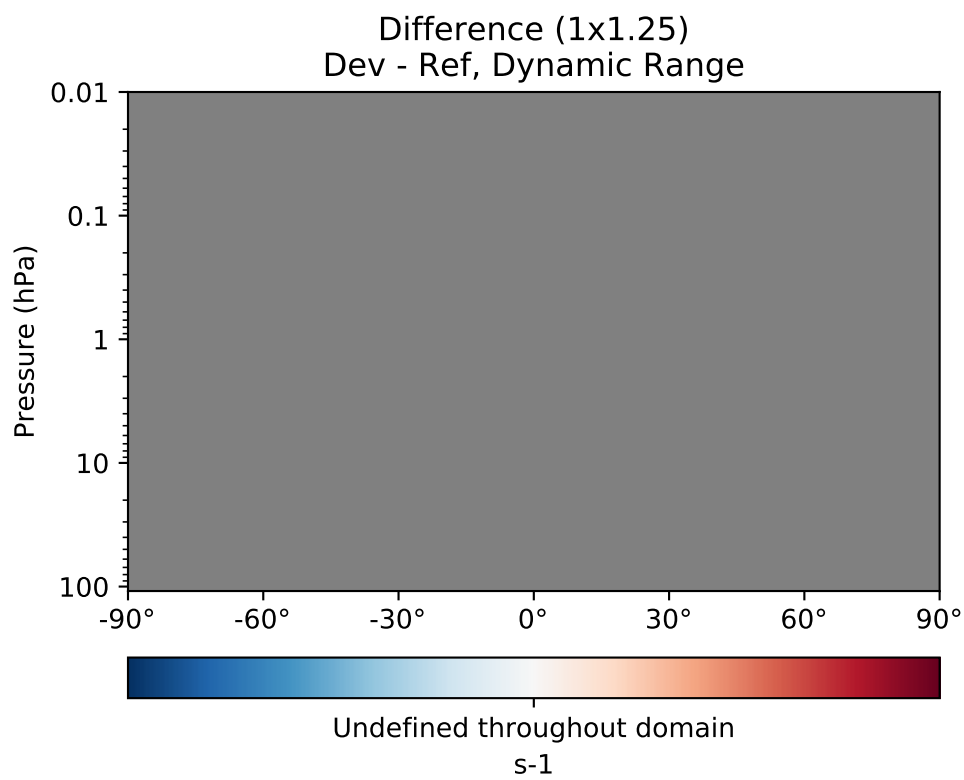
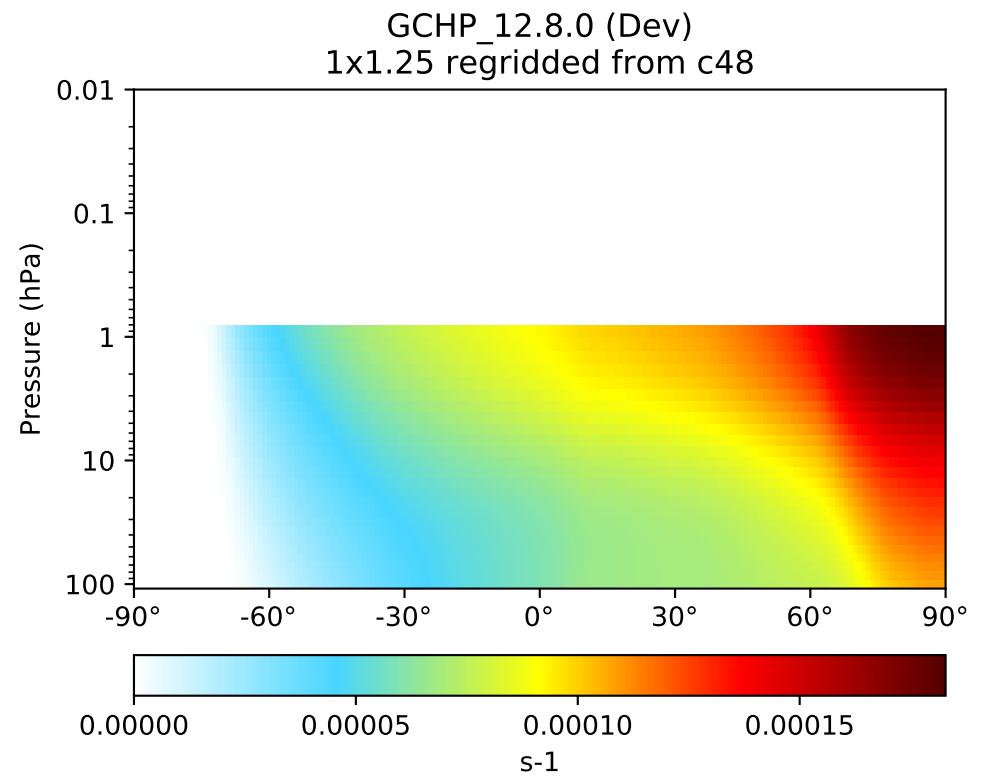
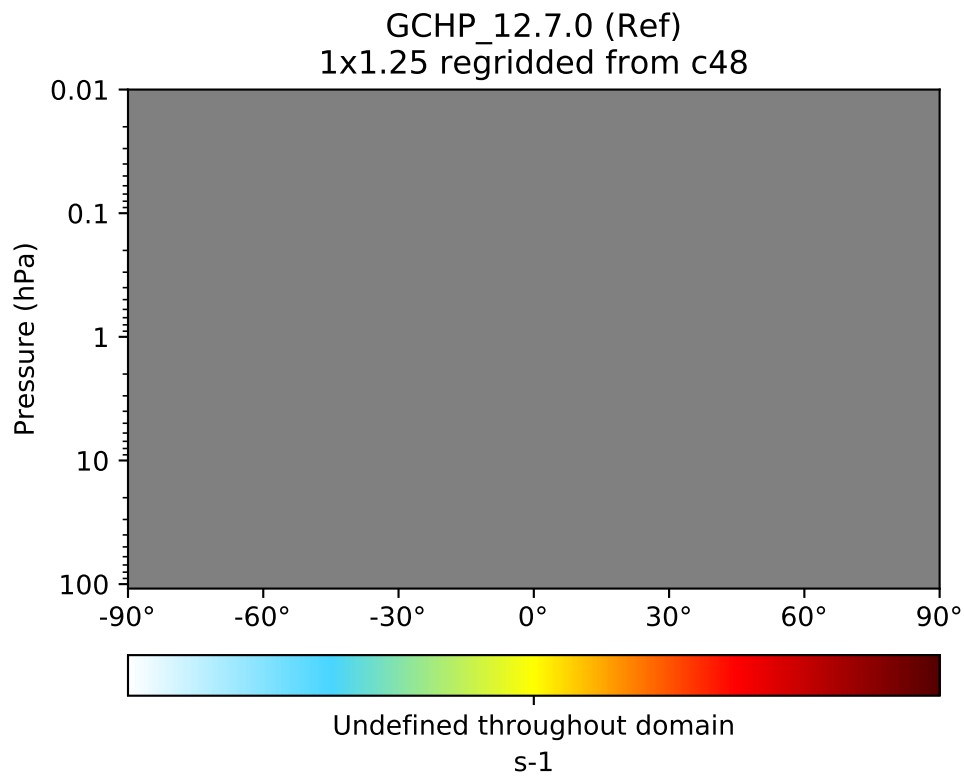
Jval_MCRENOL, Zonal Mean



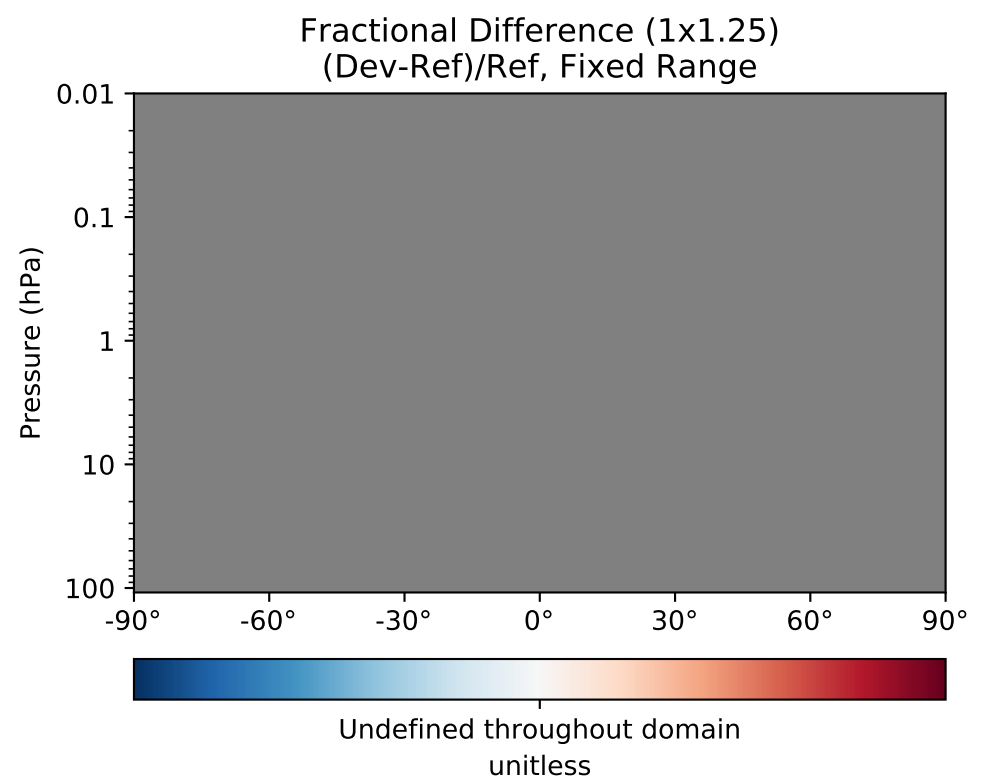
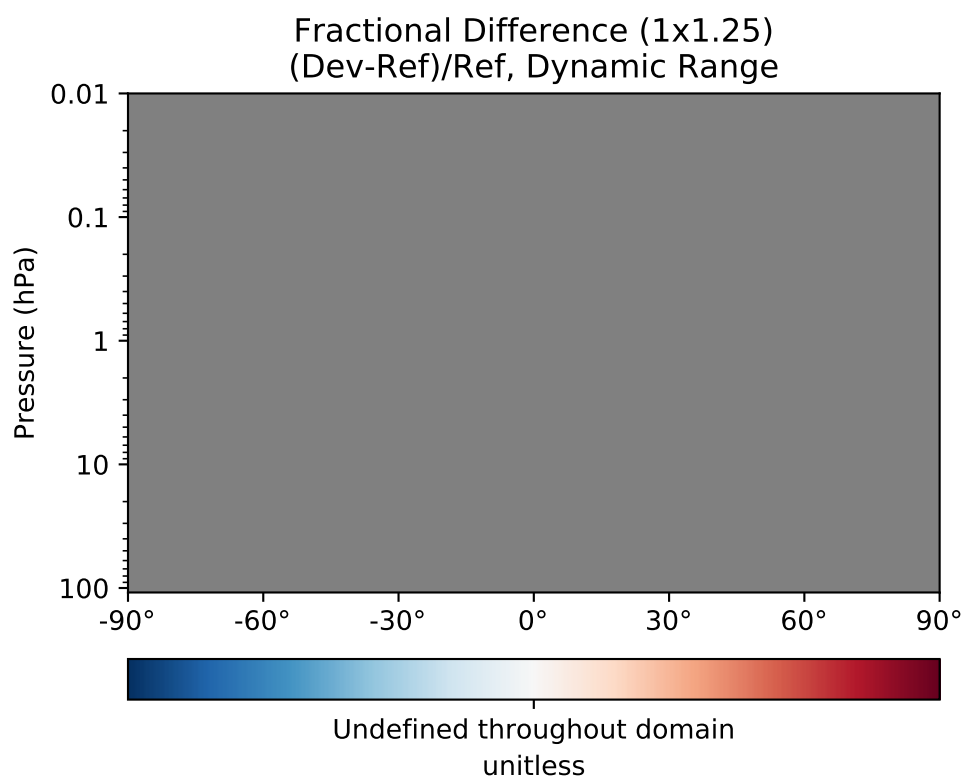
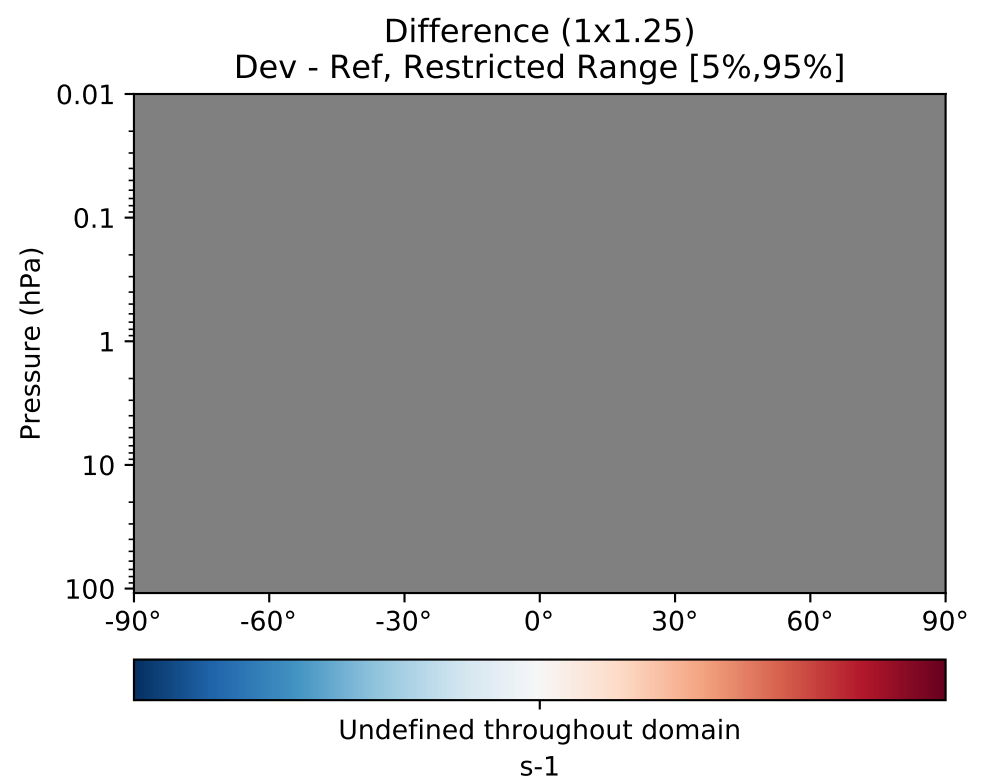
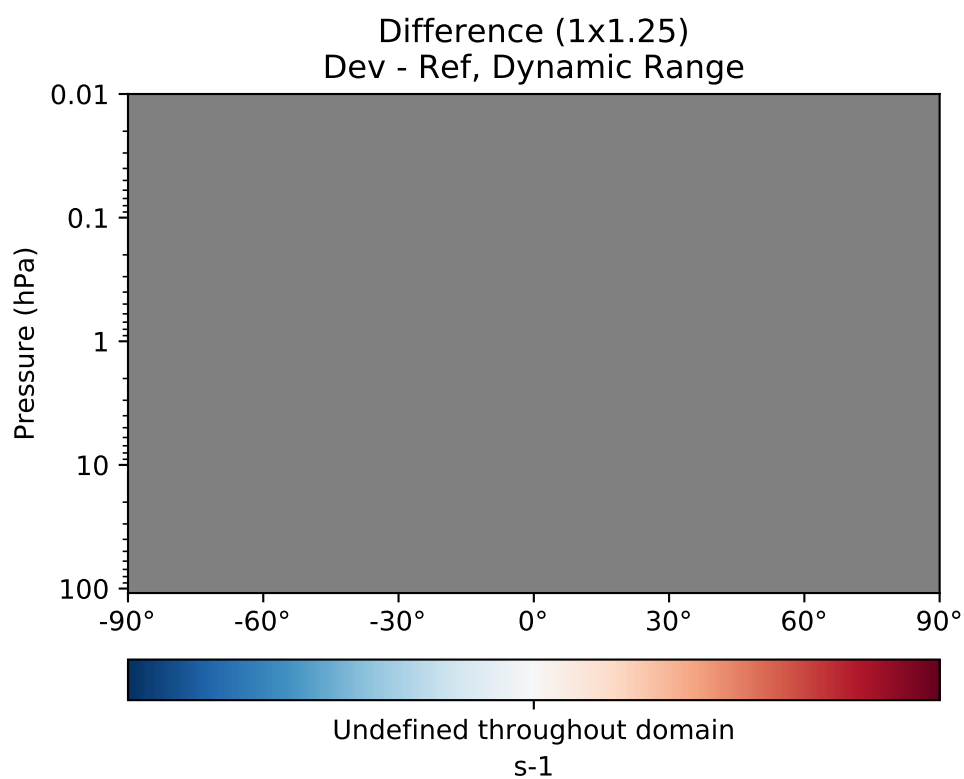
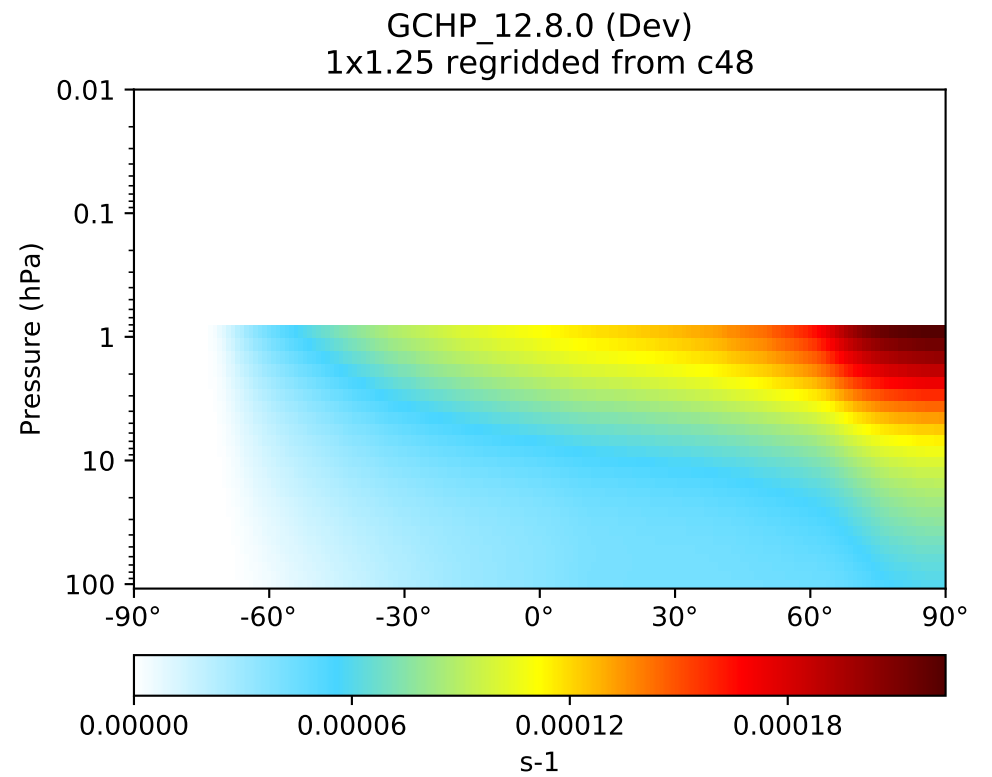
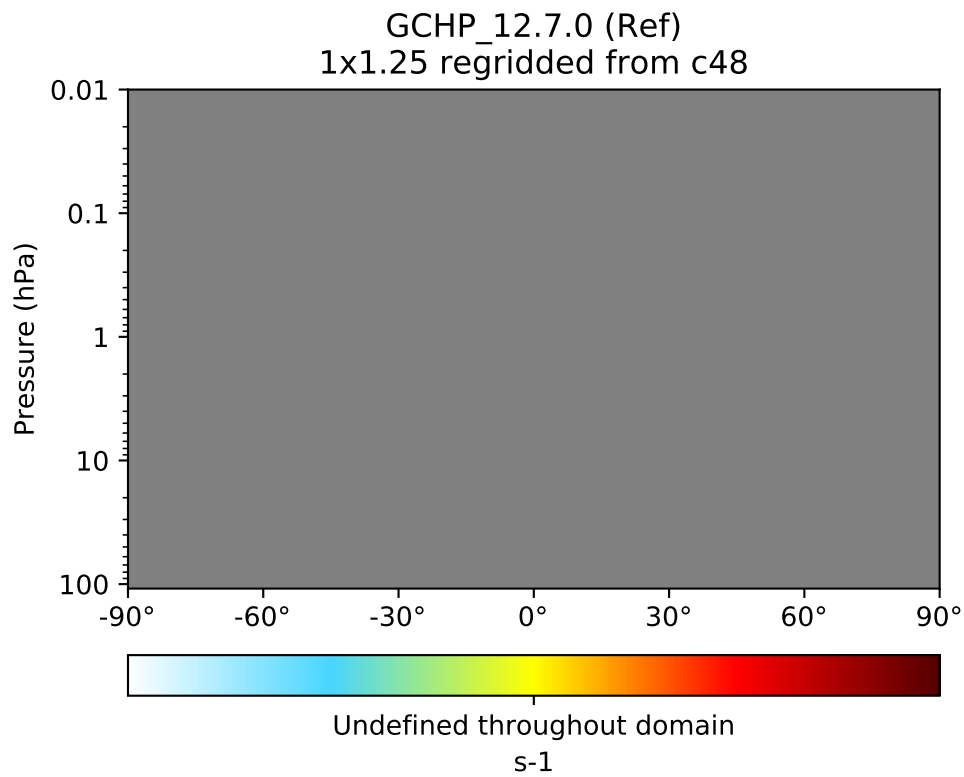
Jval_MCRHN, Zonal Mean



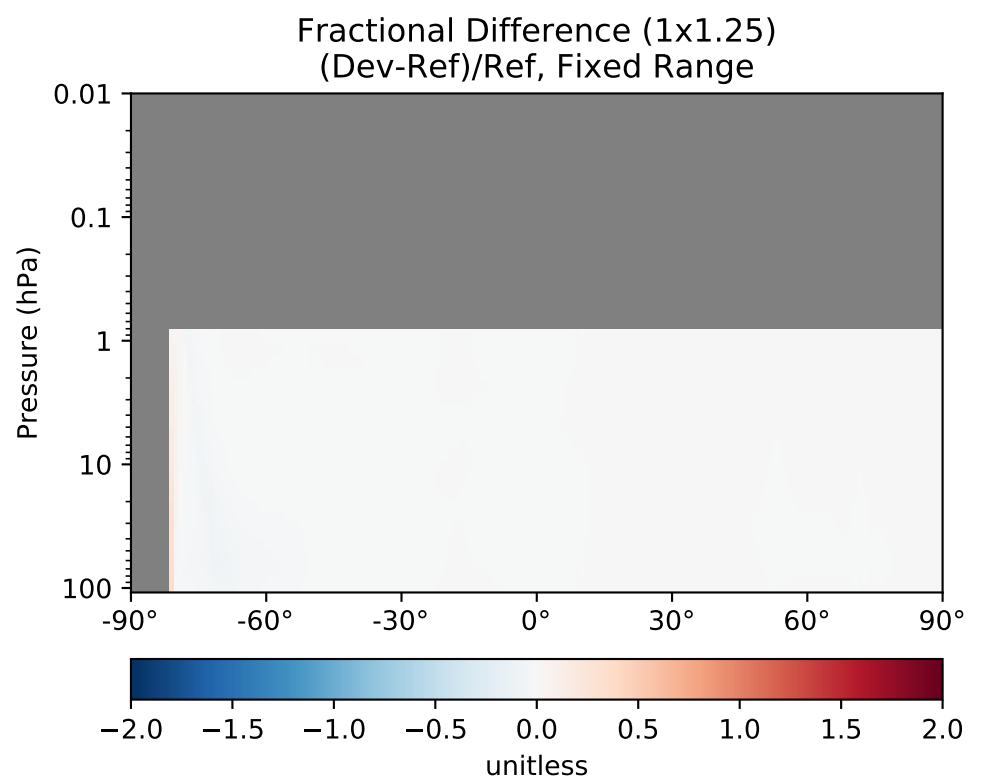
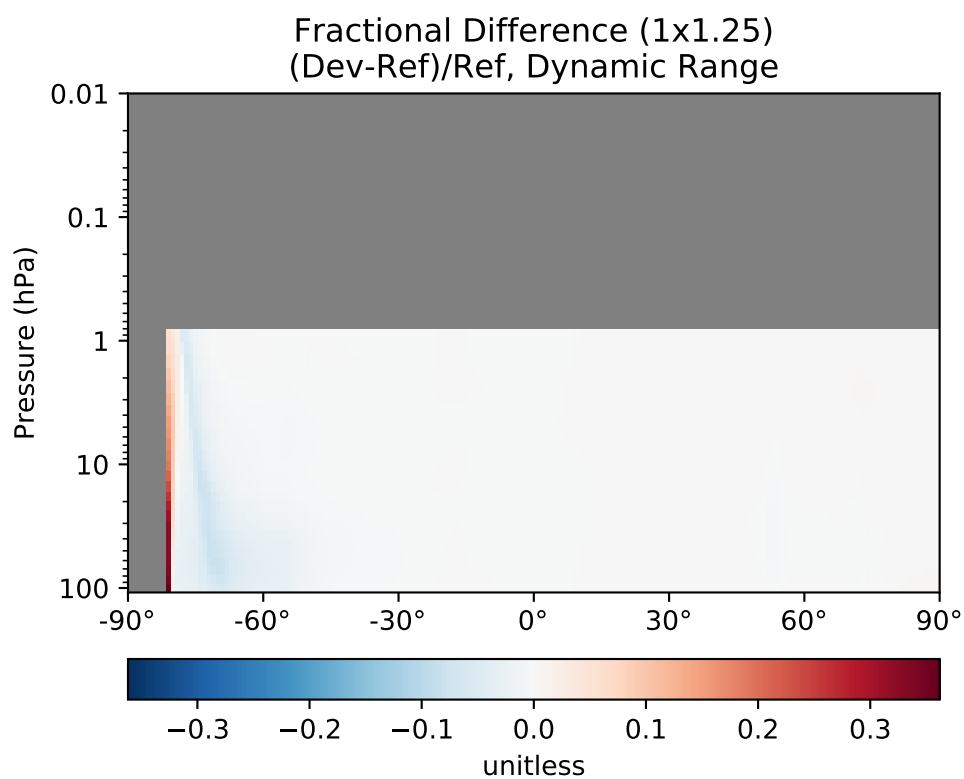
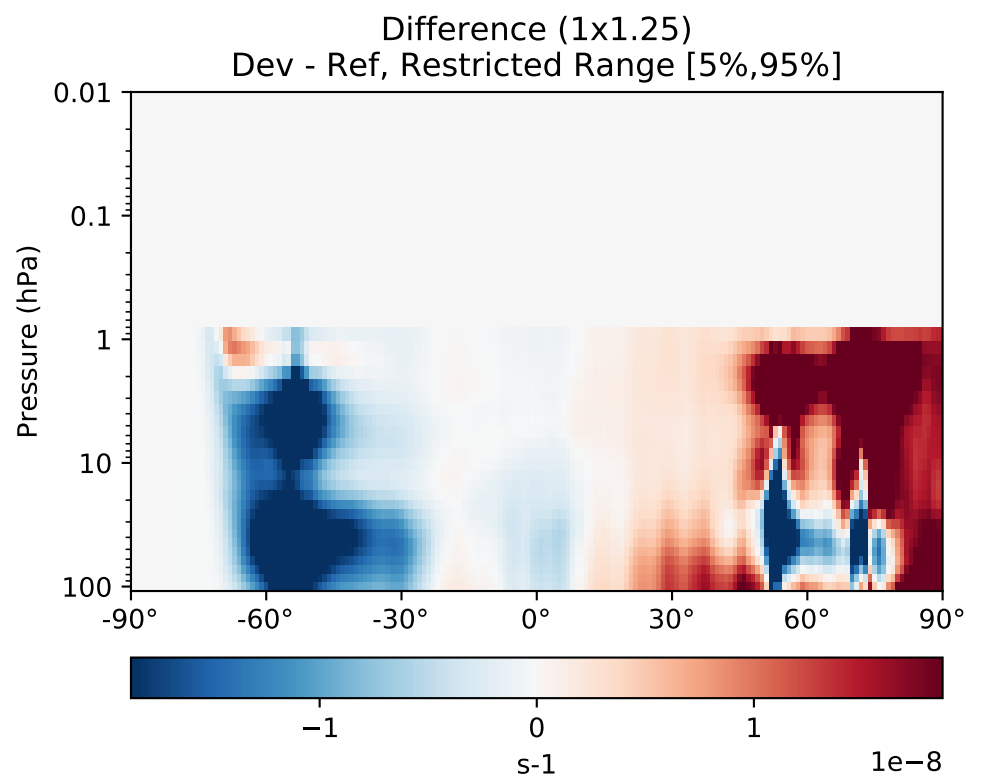
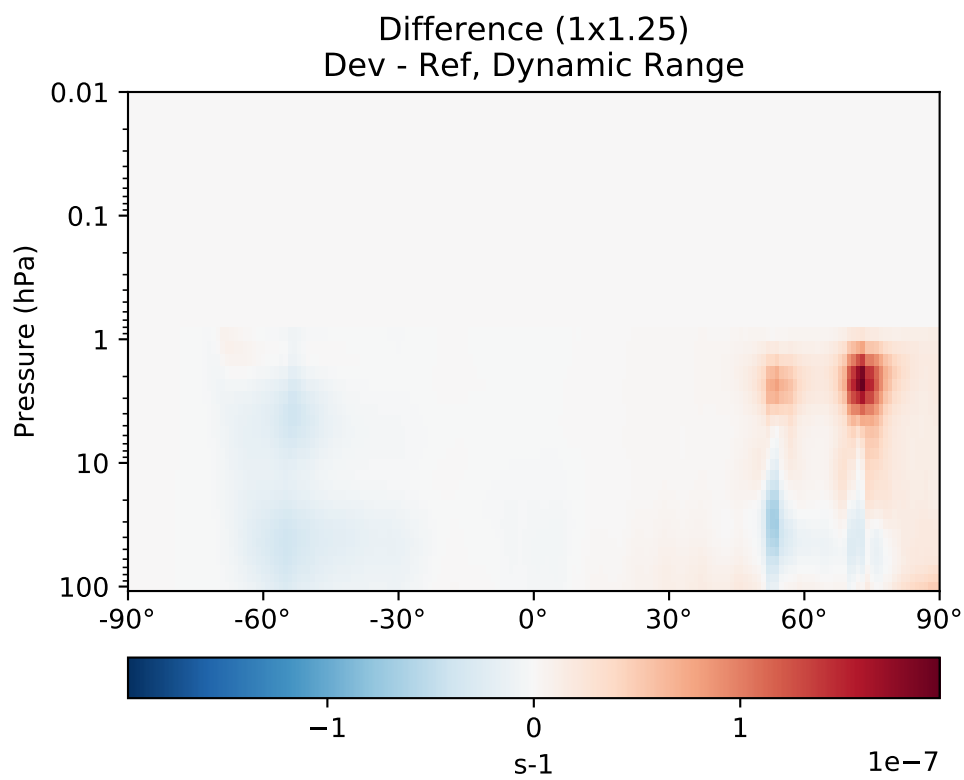
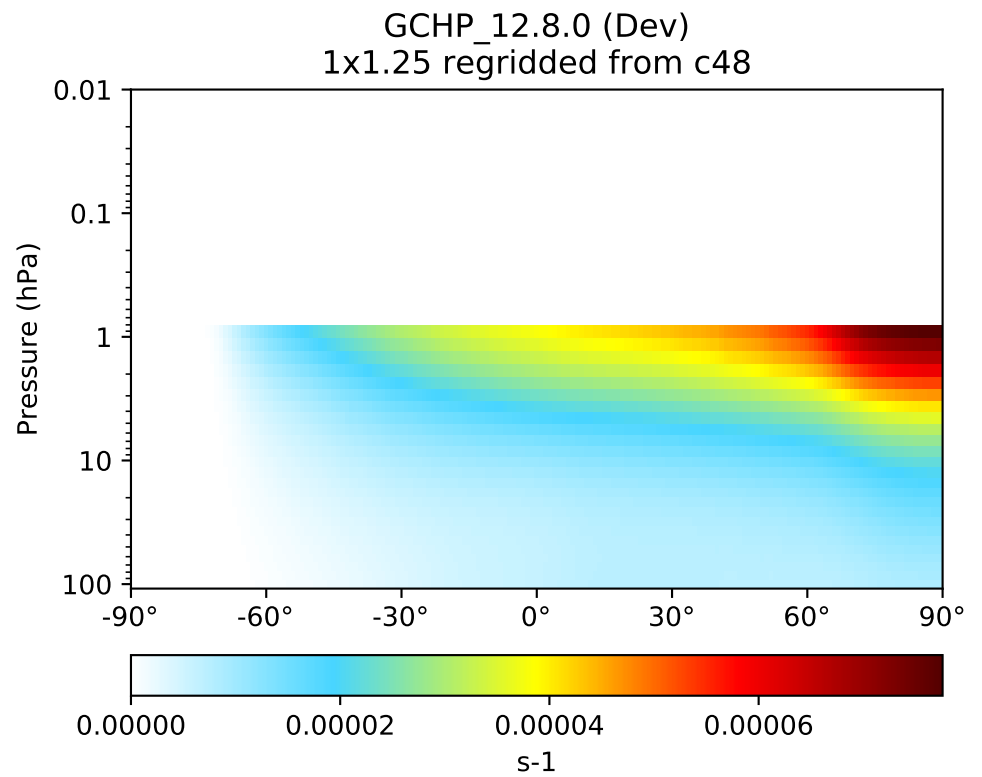
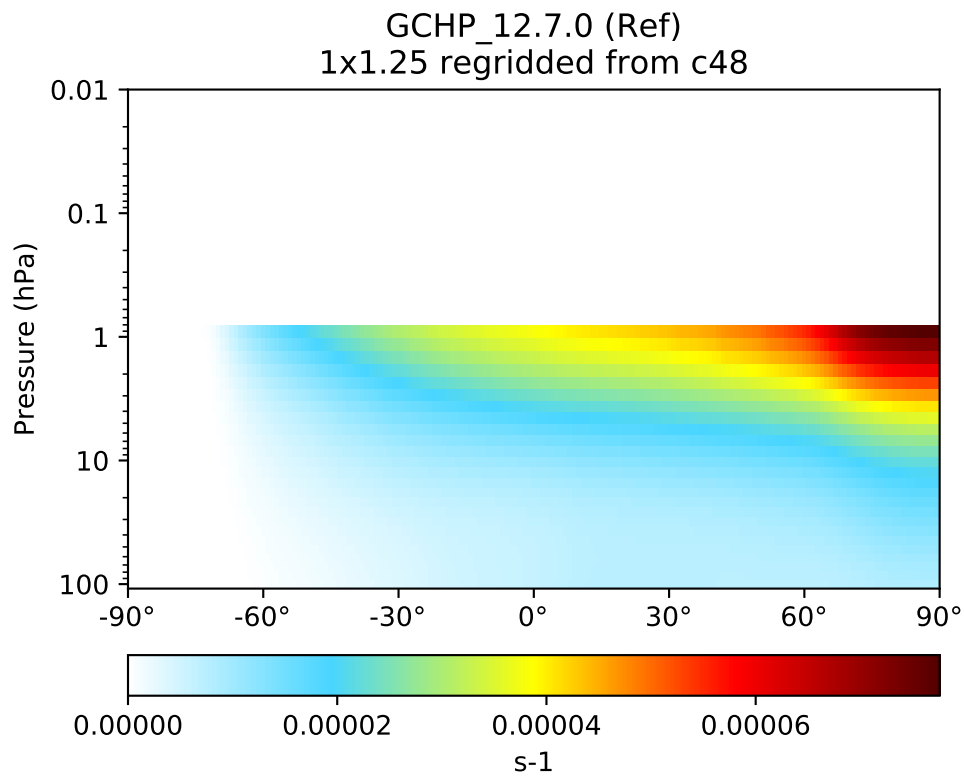
Jval_MCRHNB, Zonal Mean



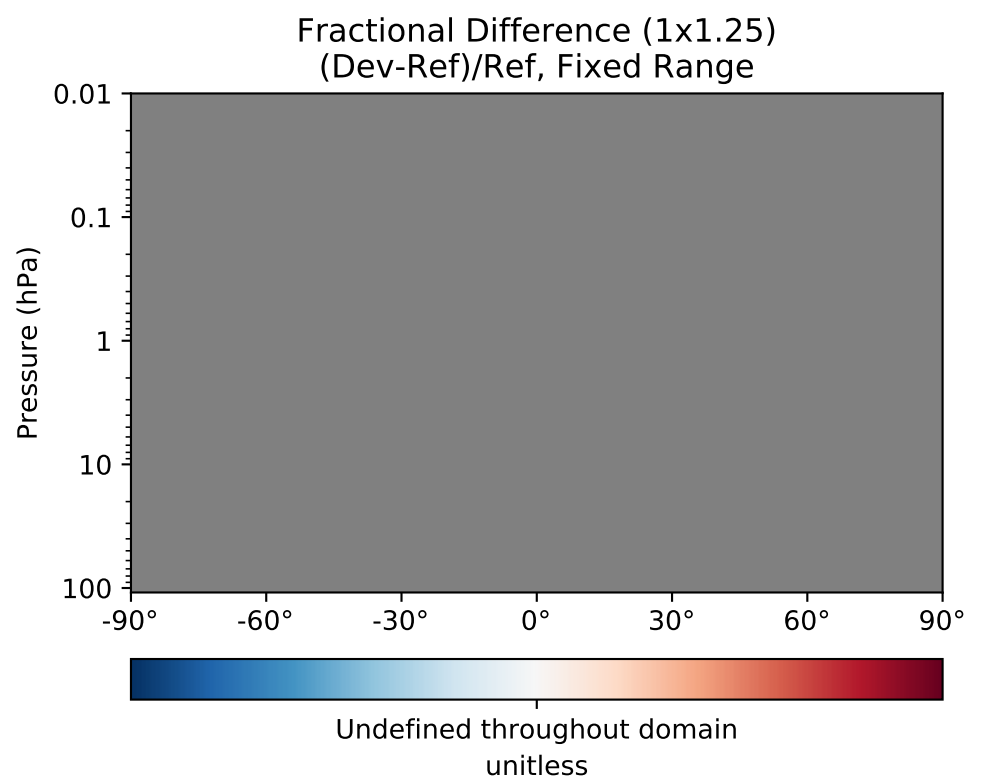
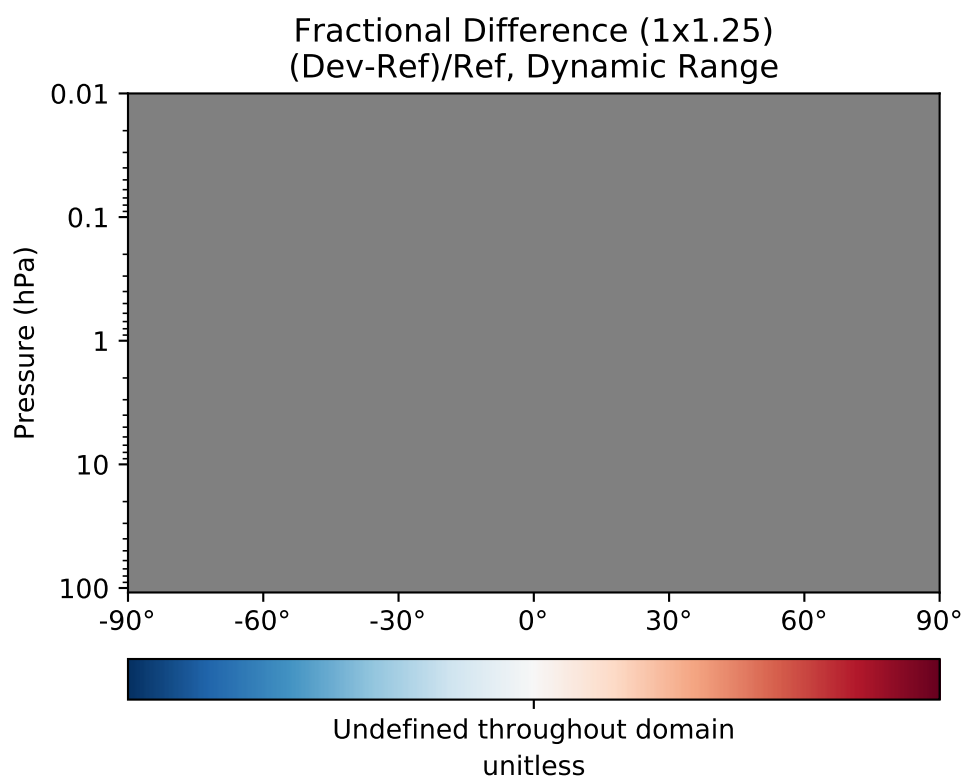
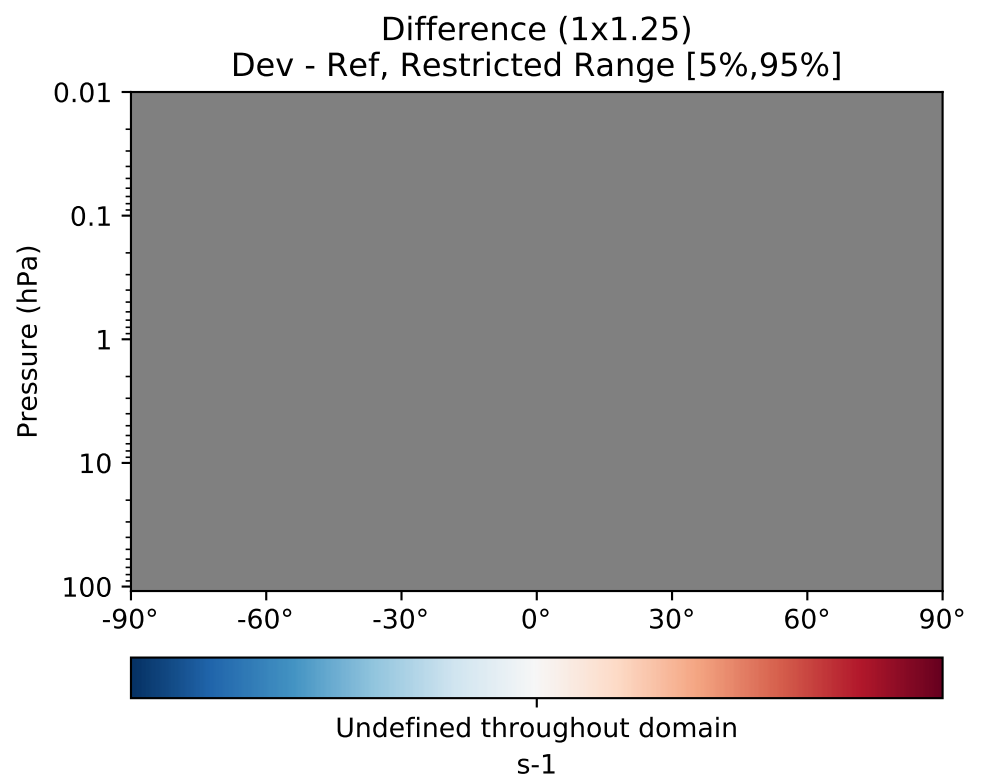
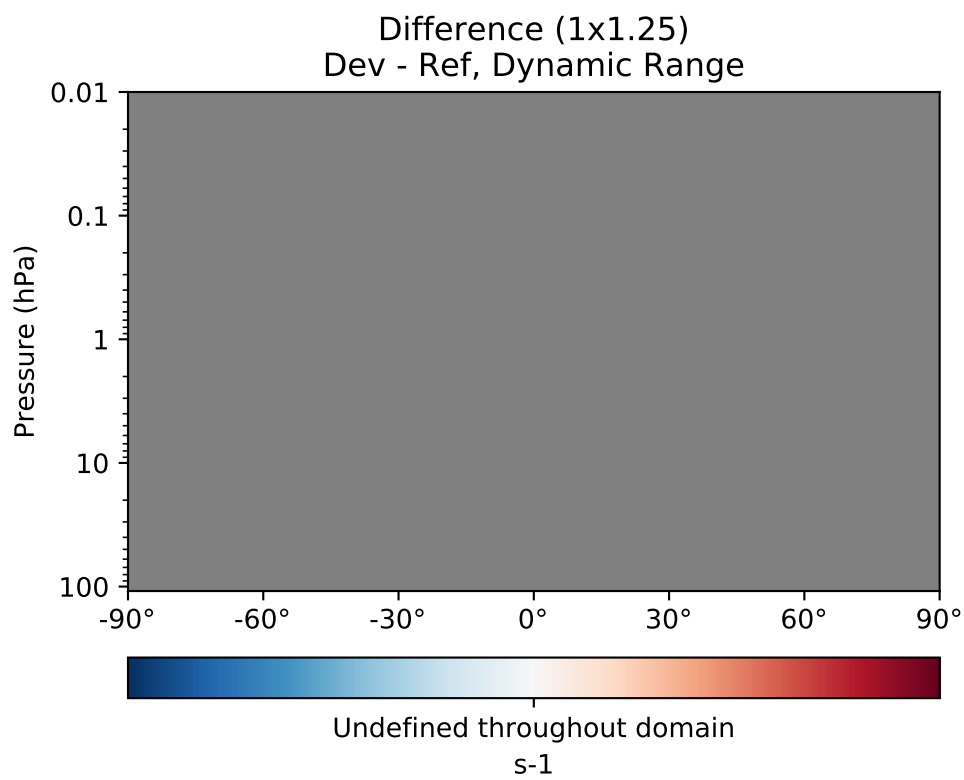
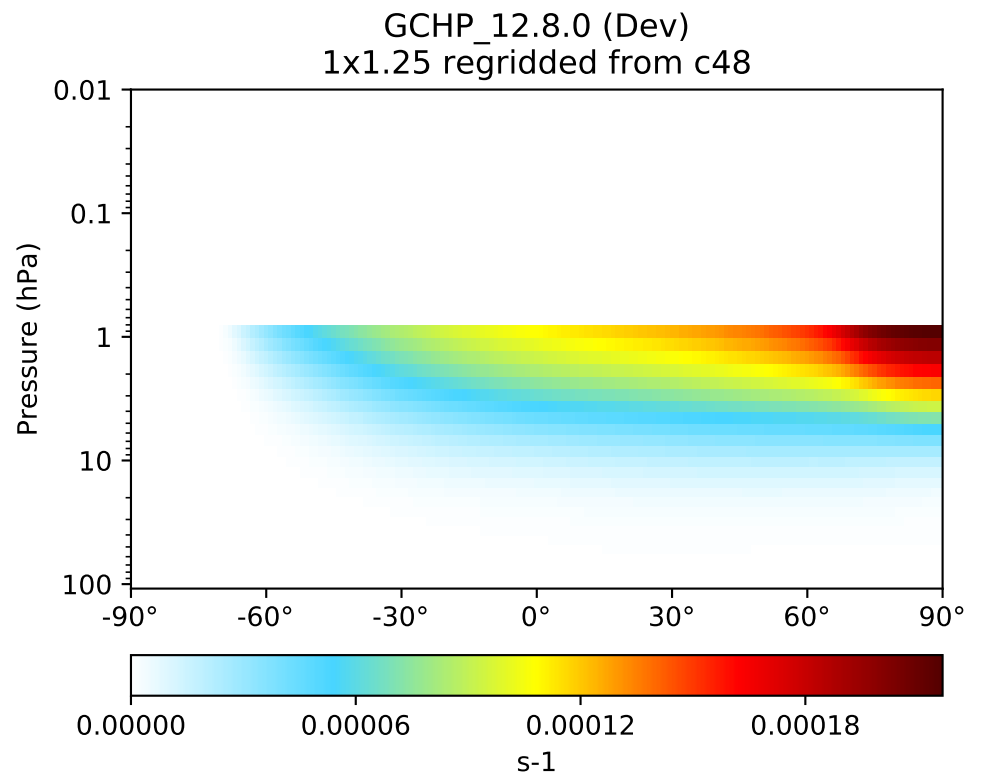
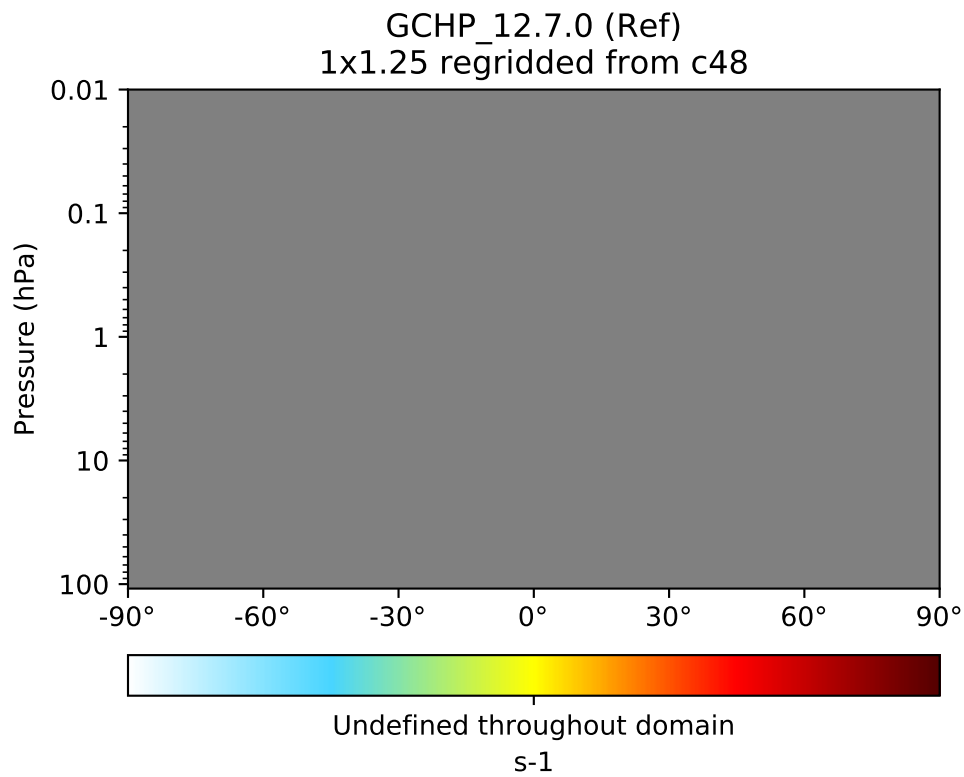
Jval_MCRHP, Zonal Mean



Jval_MEK, Zonal Mean

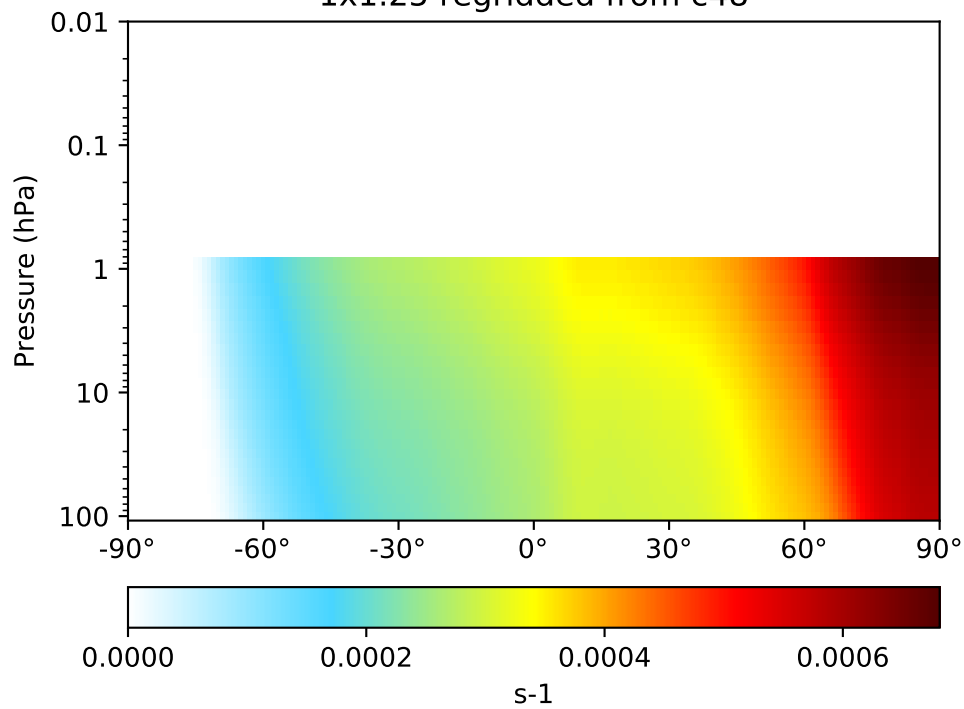


Jval_MENO3, Zonal Mean

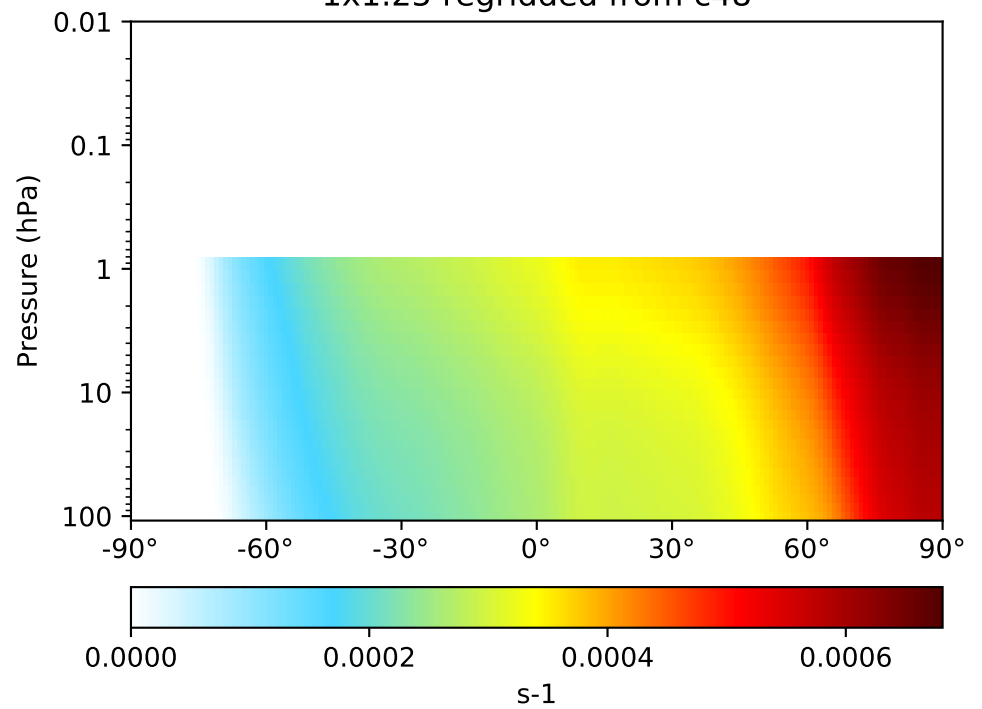


Jval_MGLY, Zonal Mean

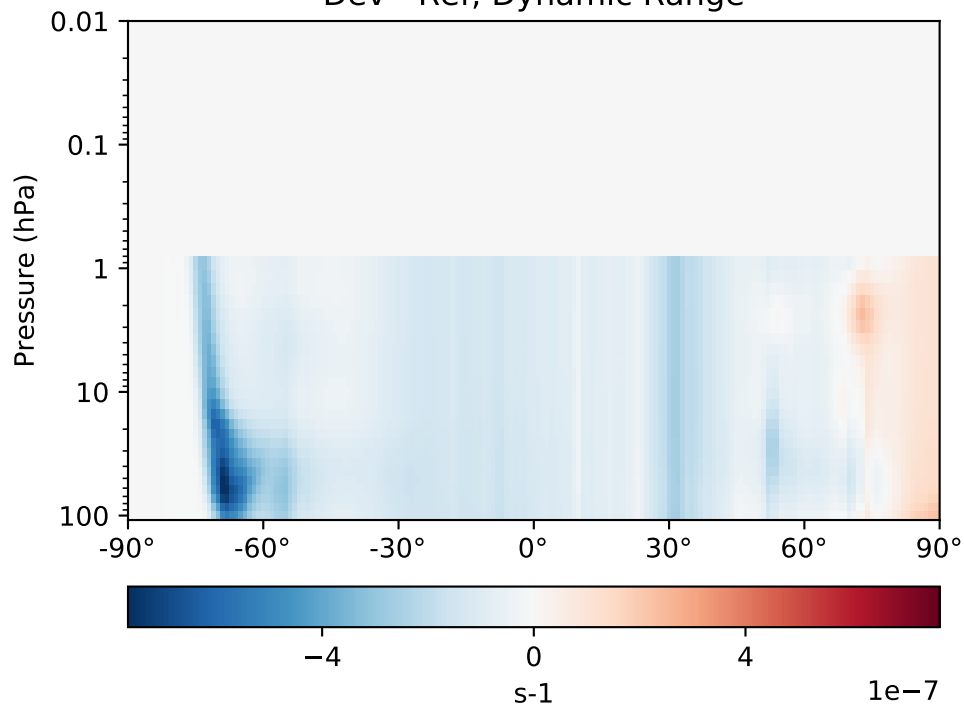
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



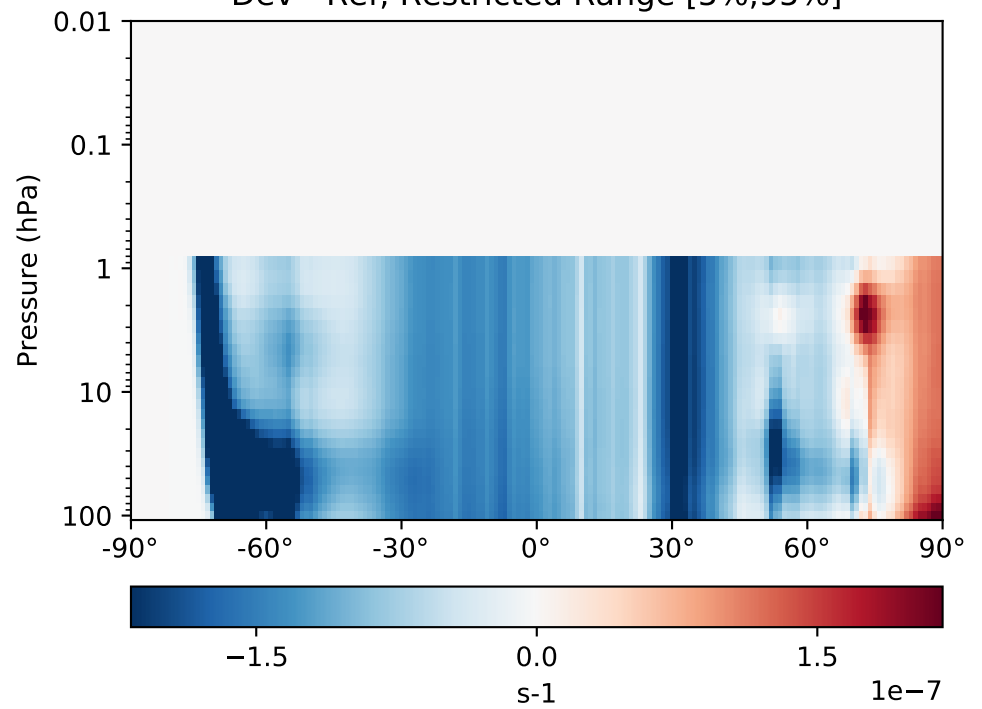
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



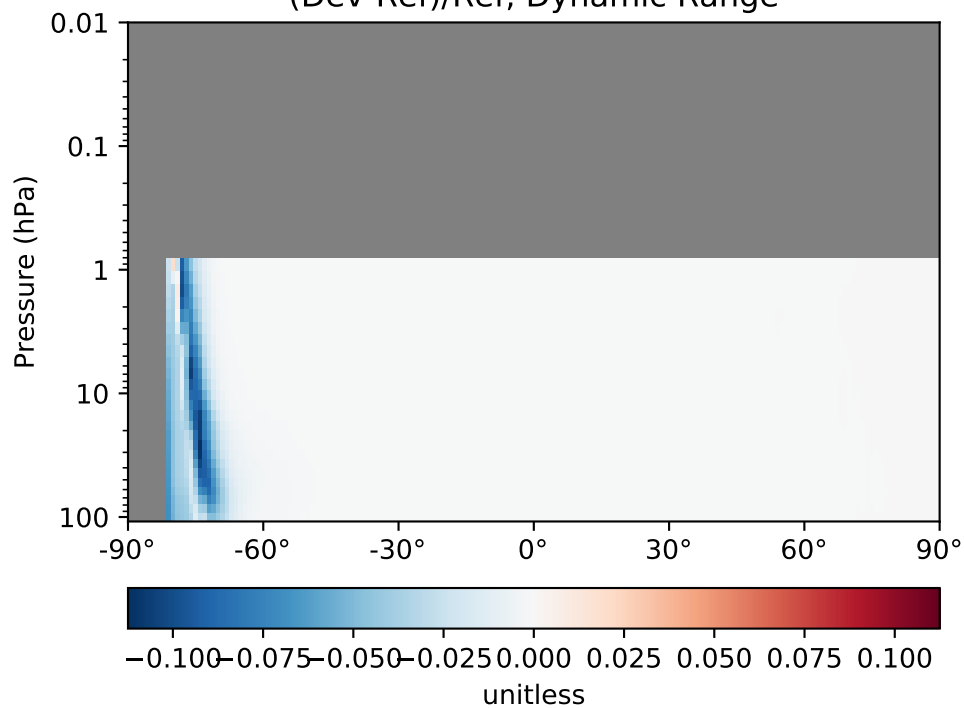
Difference (1x1.25)
Dev - Ref, Dynamic Range



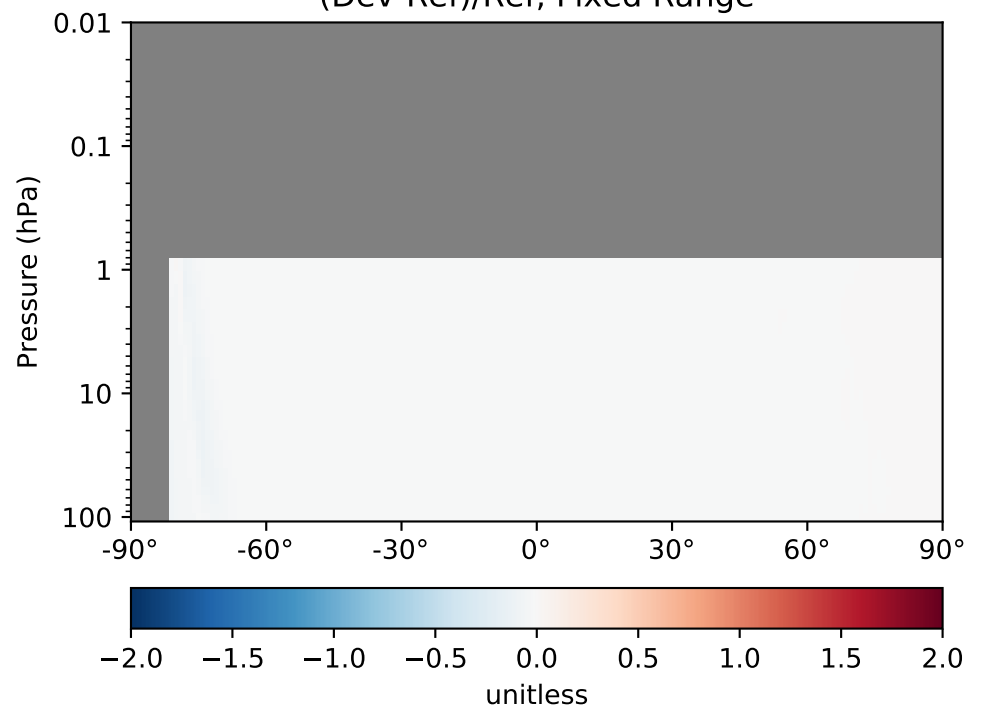
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

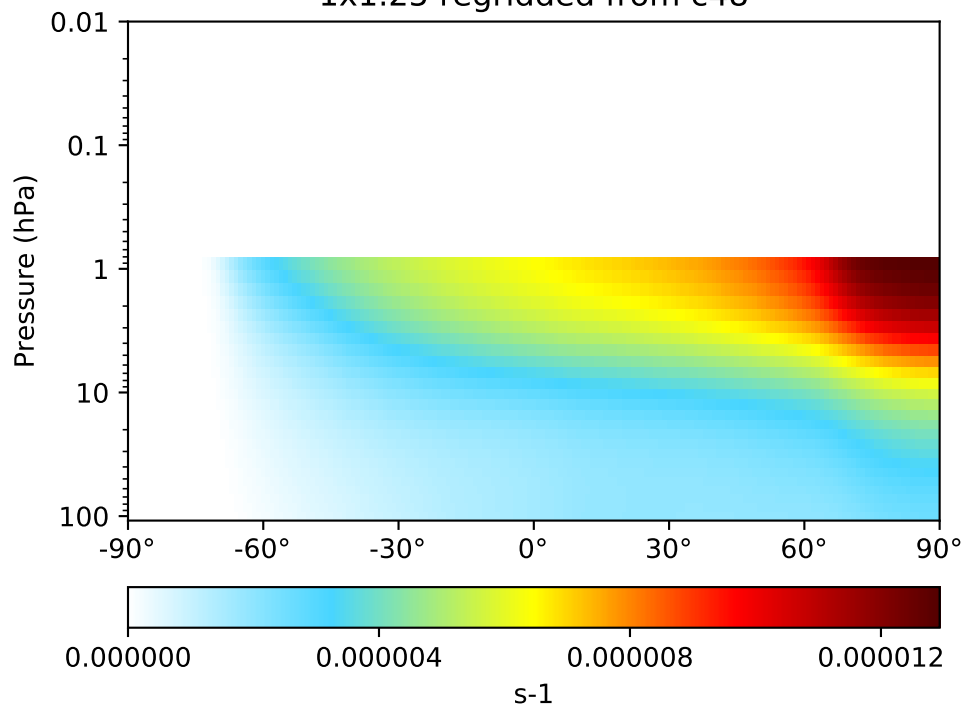


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

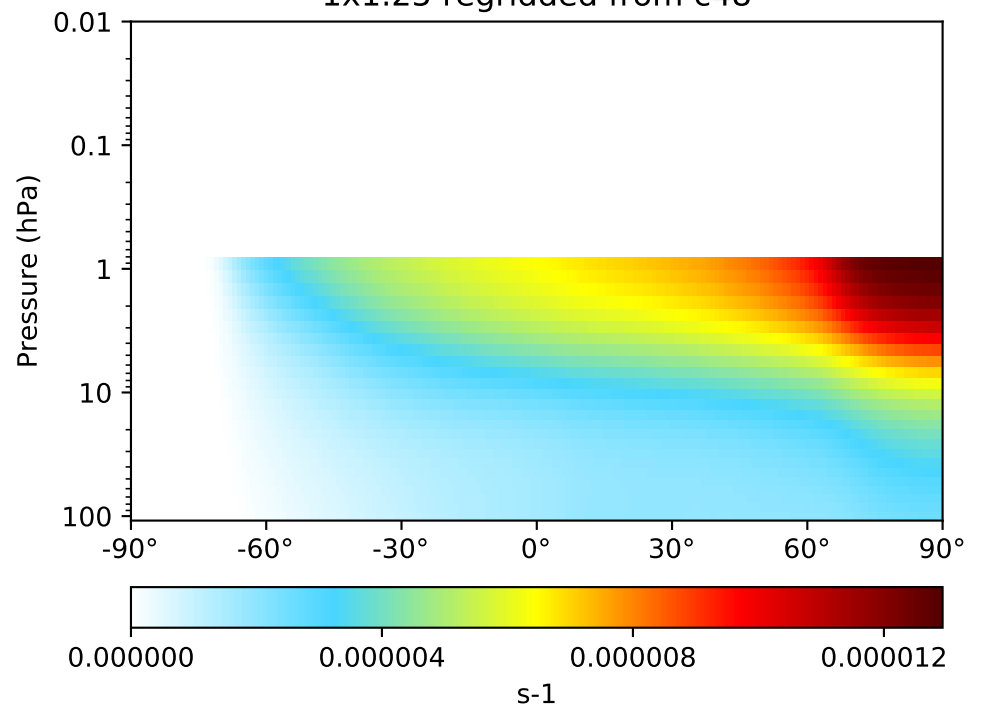


Jval_MONITS, Zonal Mean

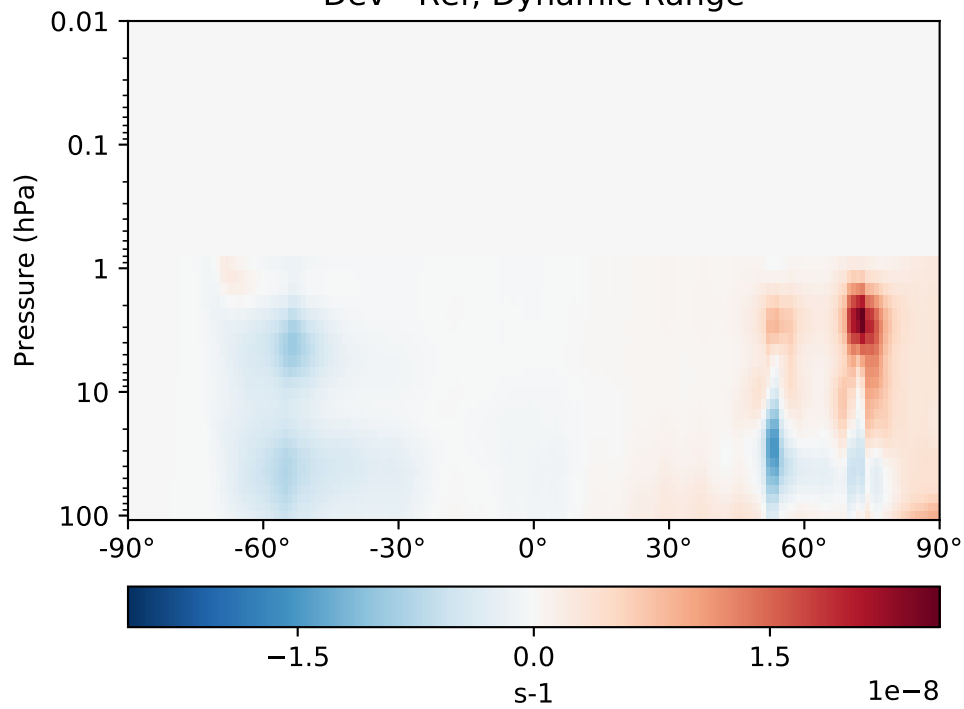
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



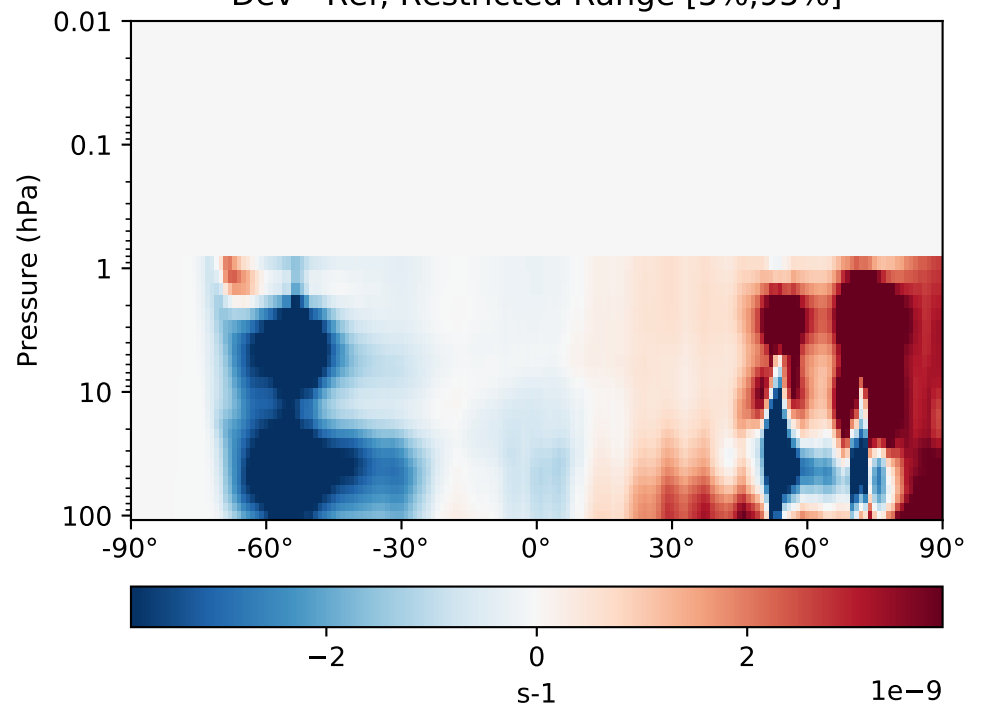
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



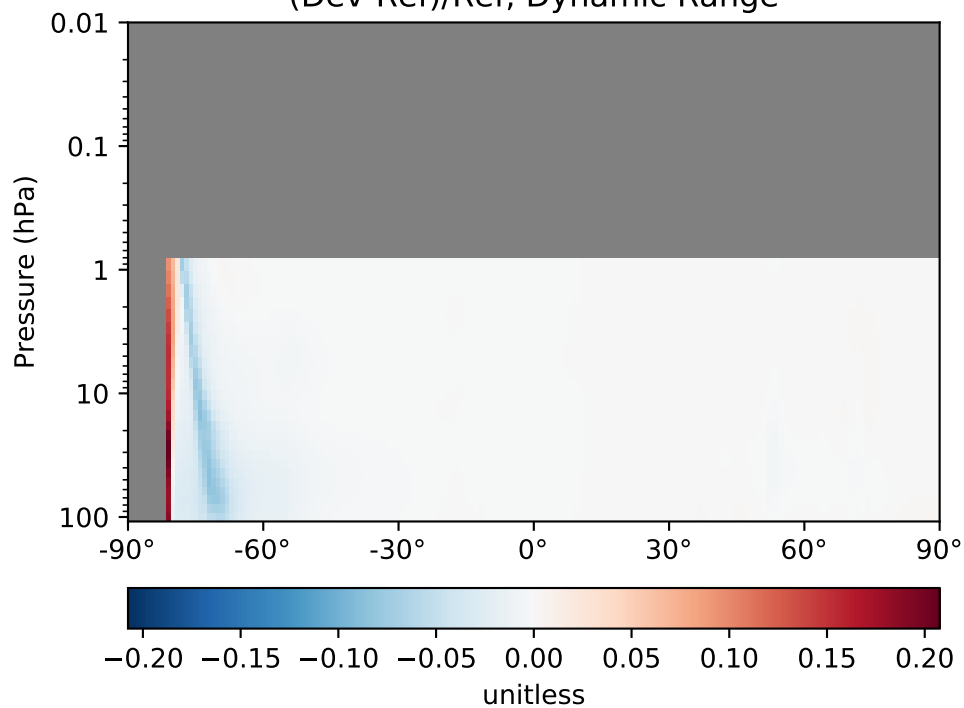
Difference (1x1.25)
Dev - Ref, Dynamic Range



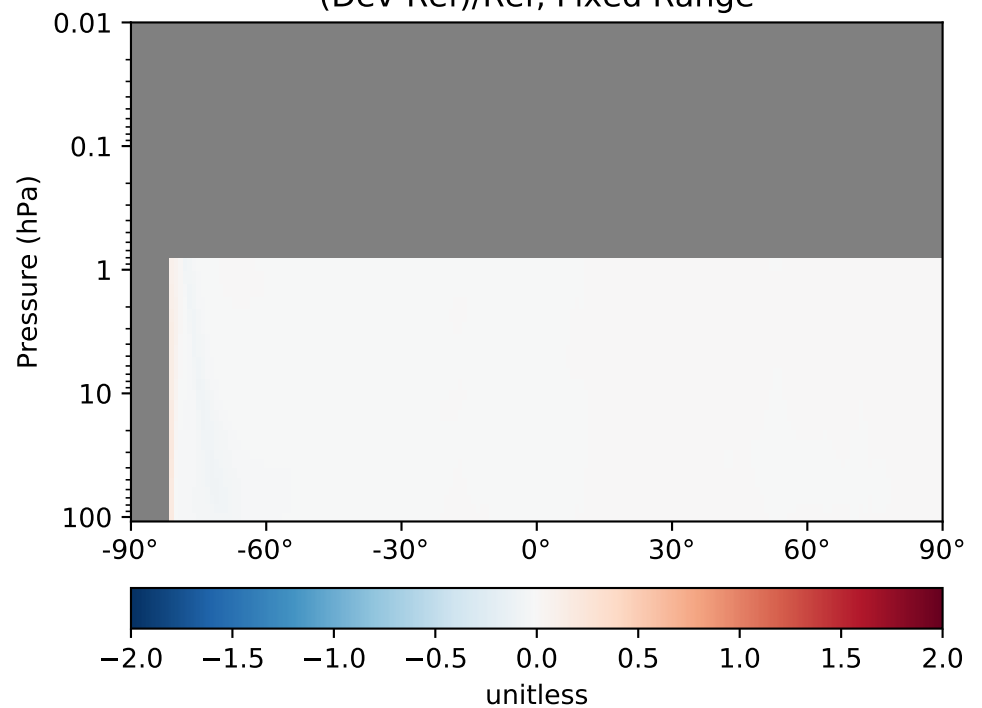
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

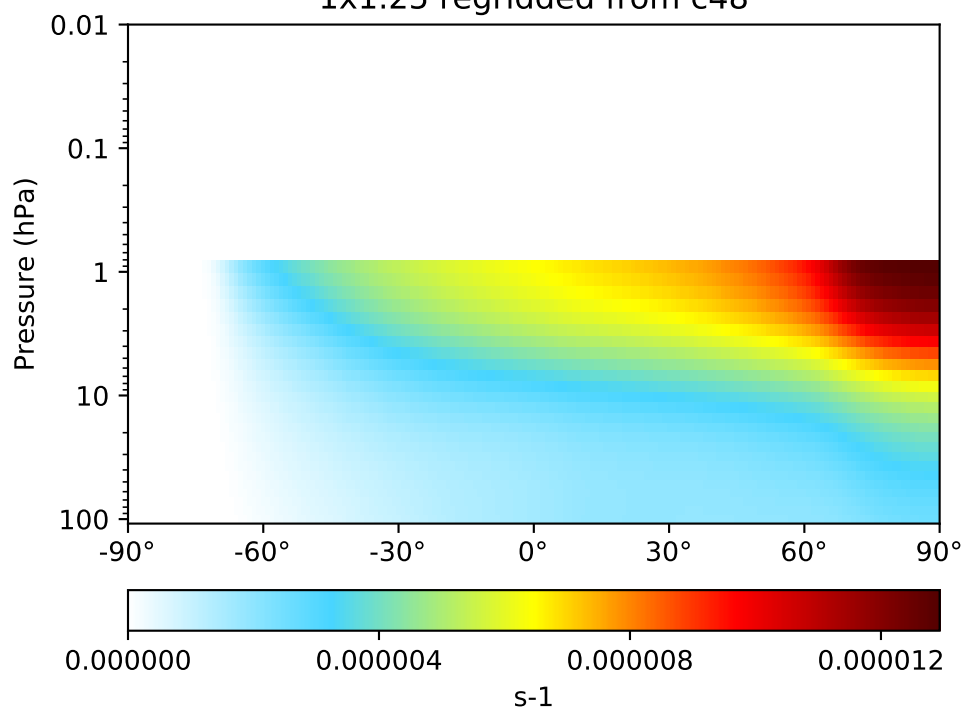


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

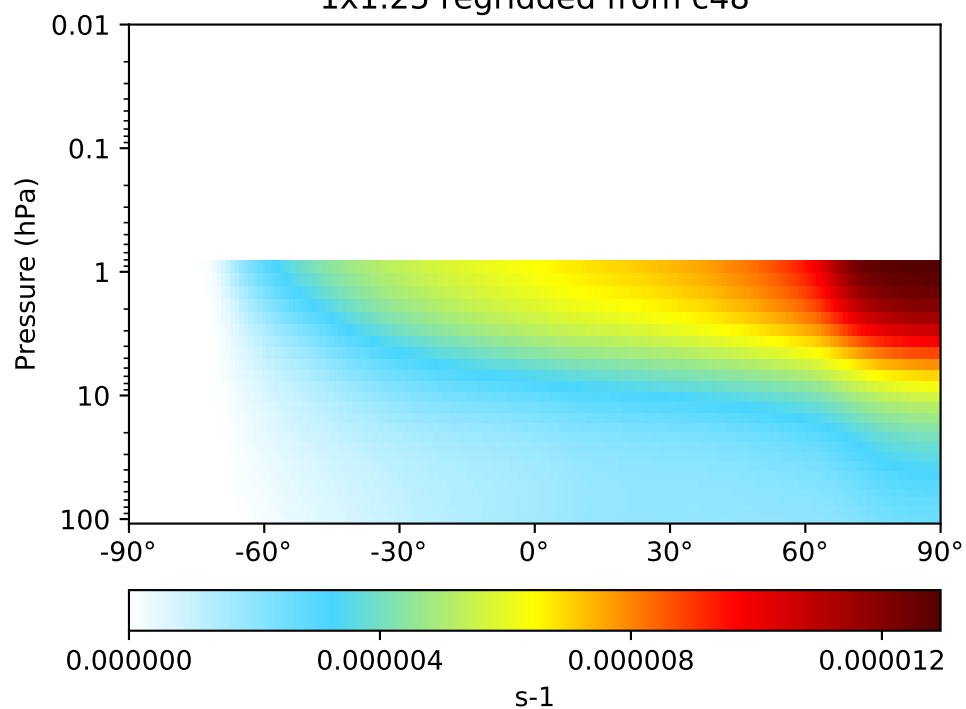


Jval_MONITU, Zonal Mean

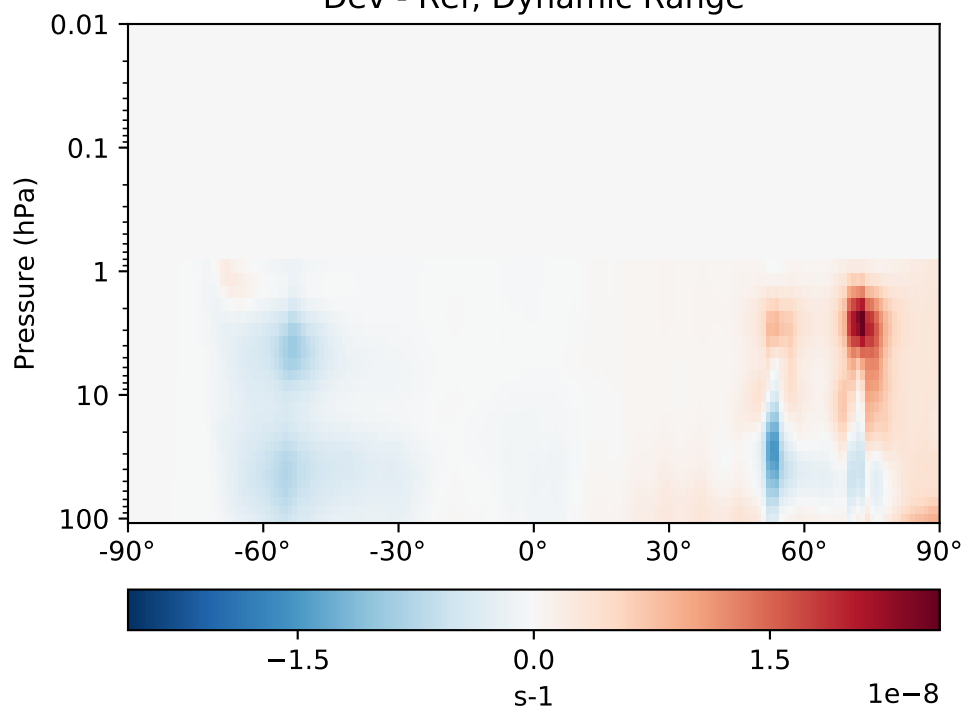
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



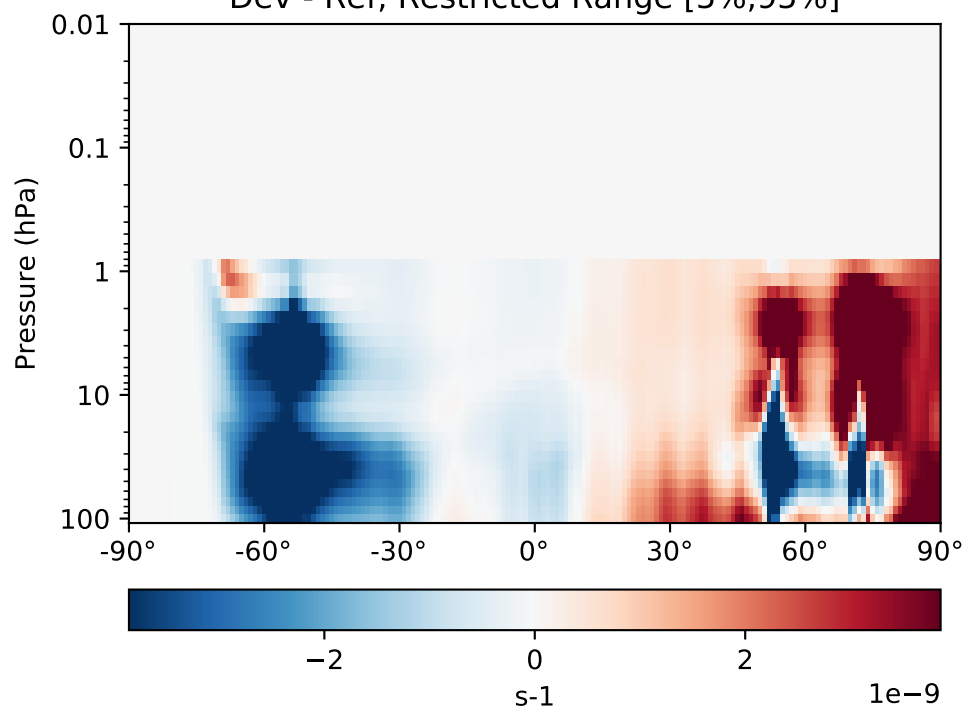
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



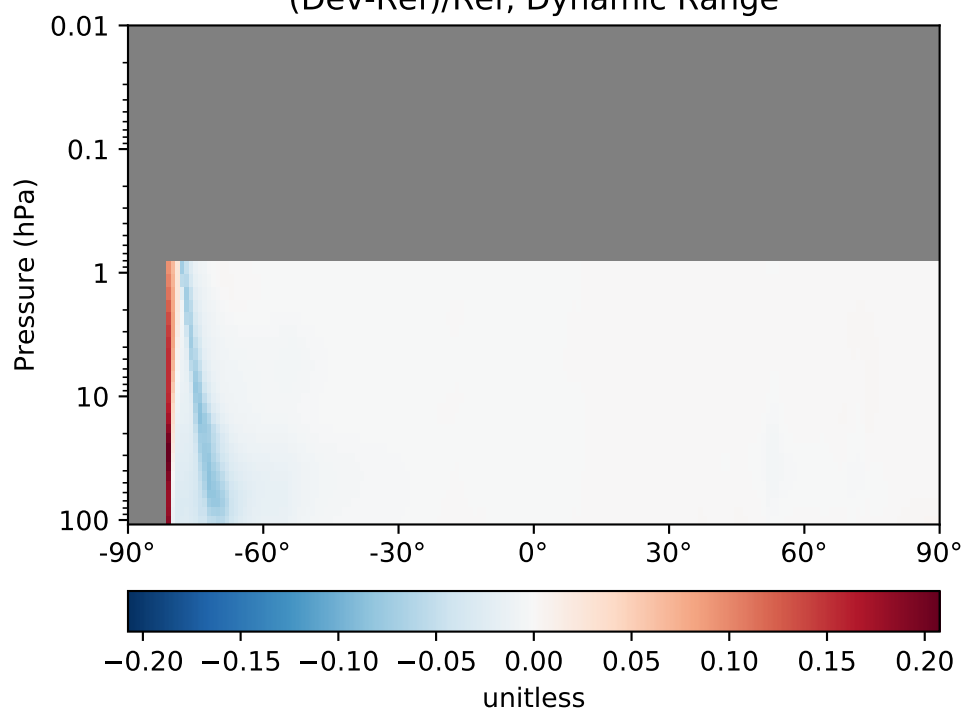
Difference (1x1.25)
Dev - Ref, Dynamic Range



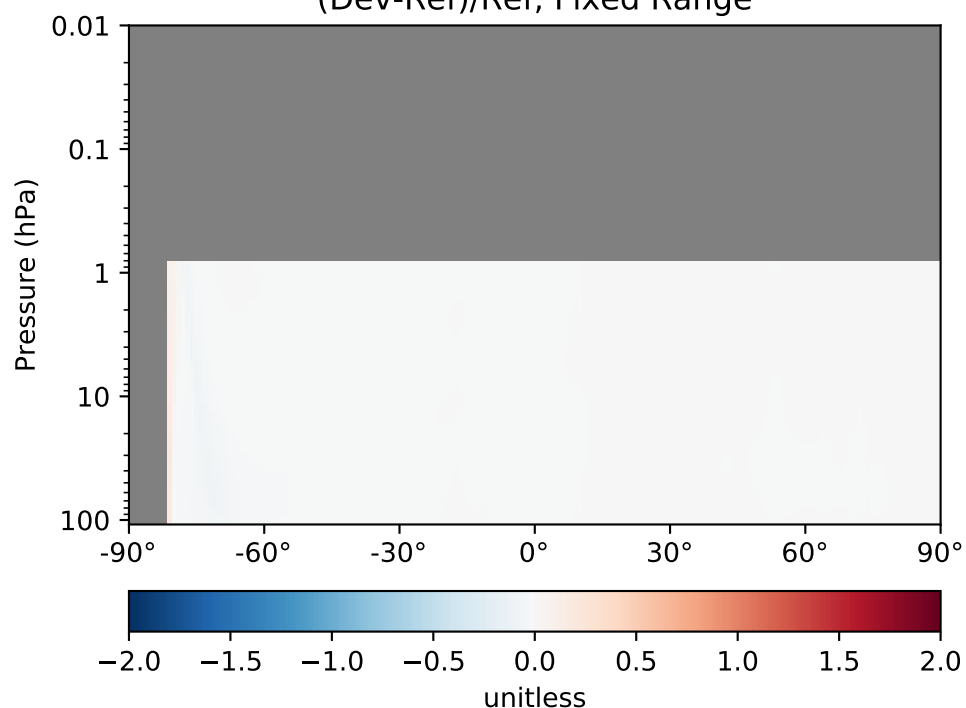
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

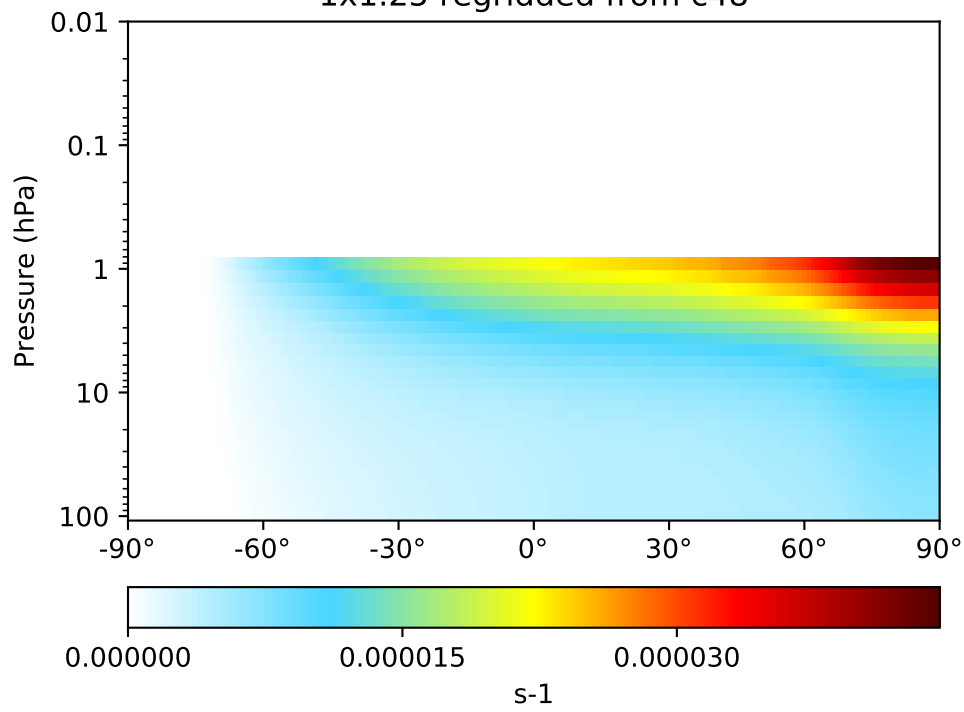


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

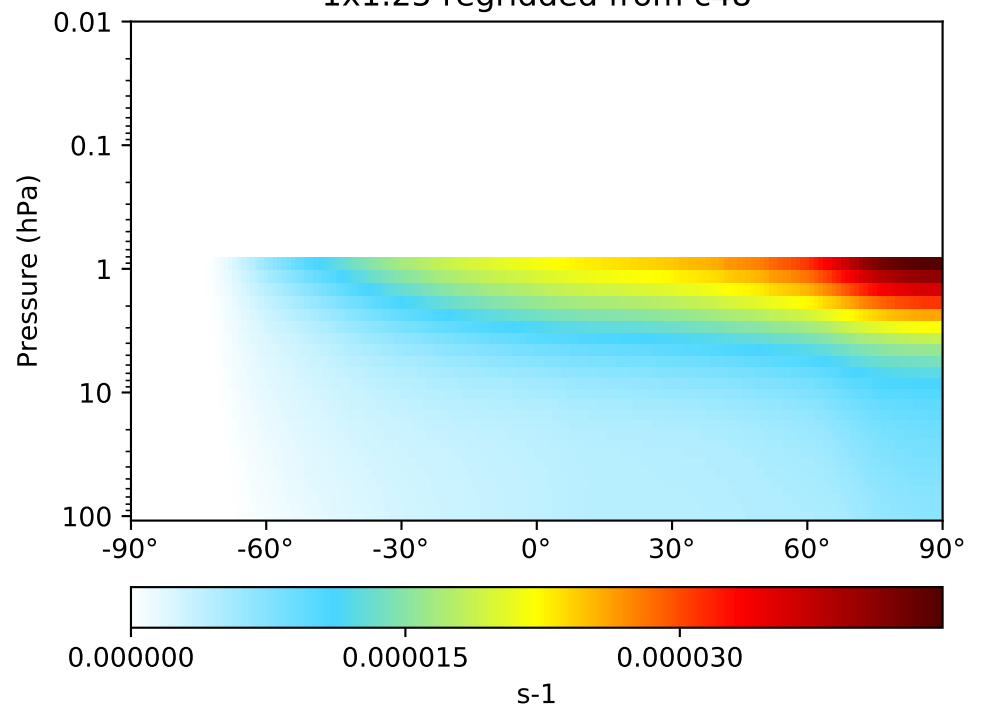


Jval_MP, Zonal Mean

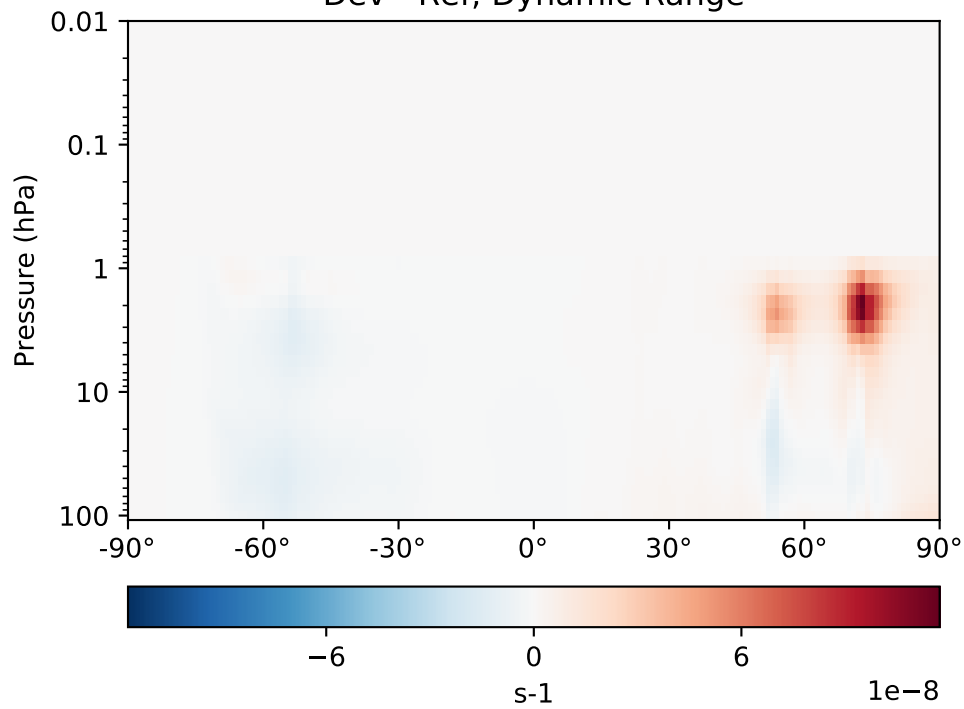
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



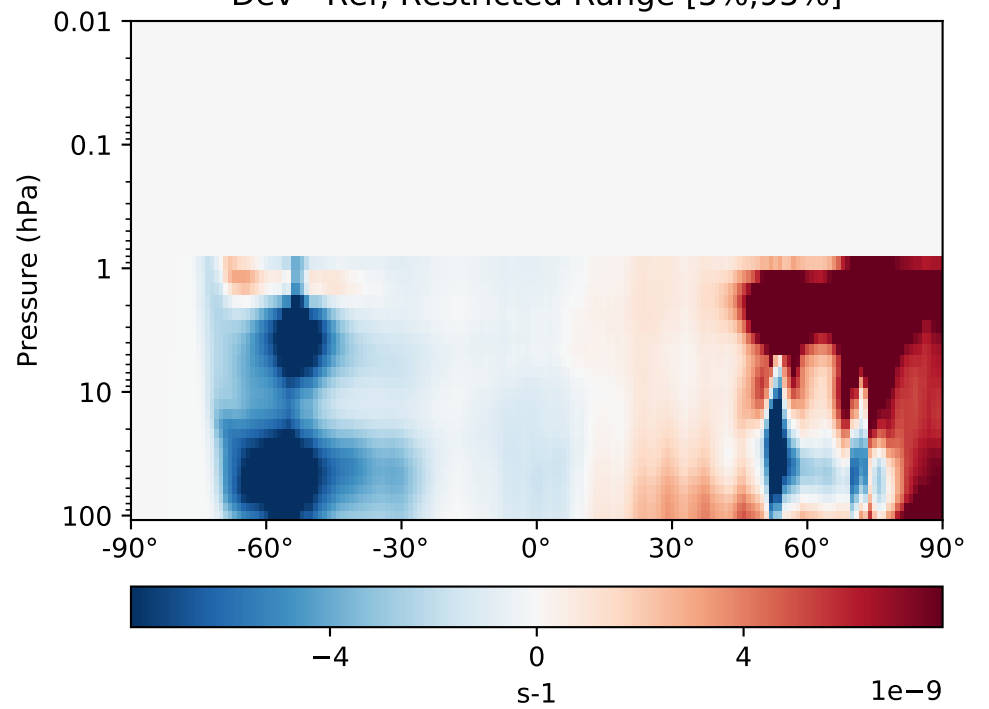
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



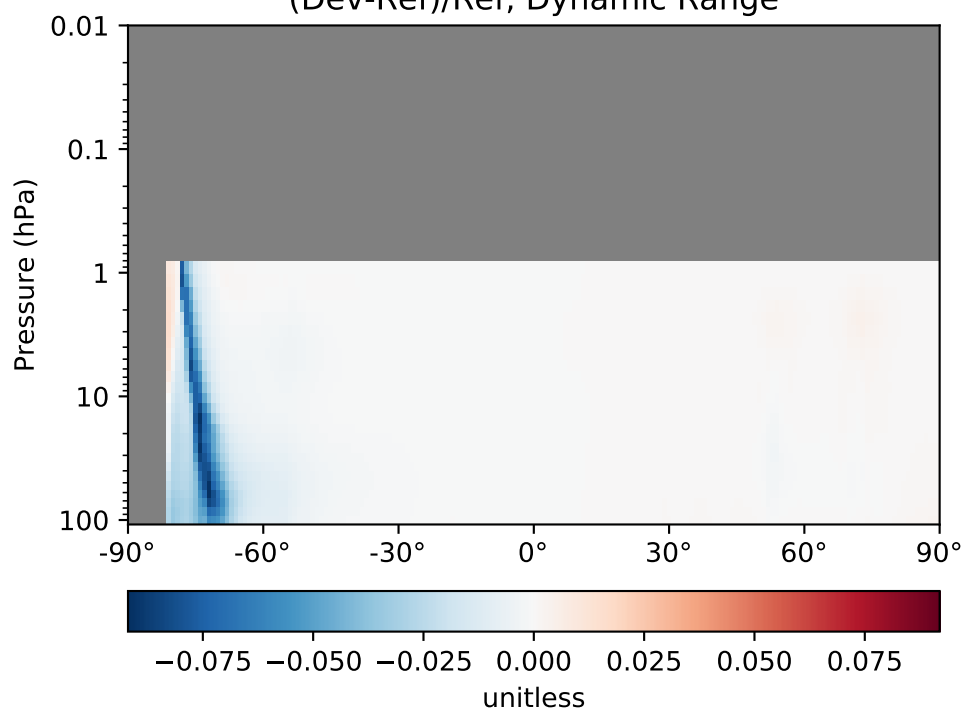
Difference (1x1.25)
Dev - Ref, Dynamic Range



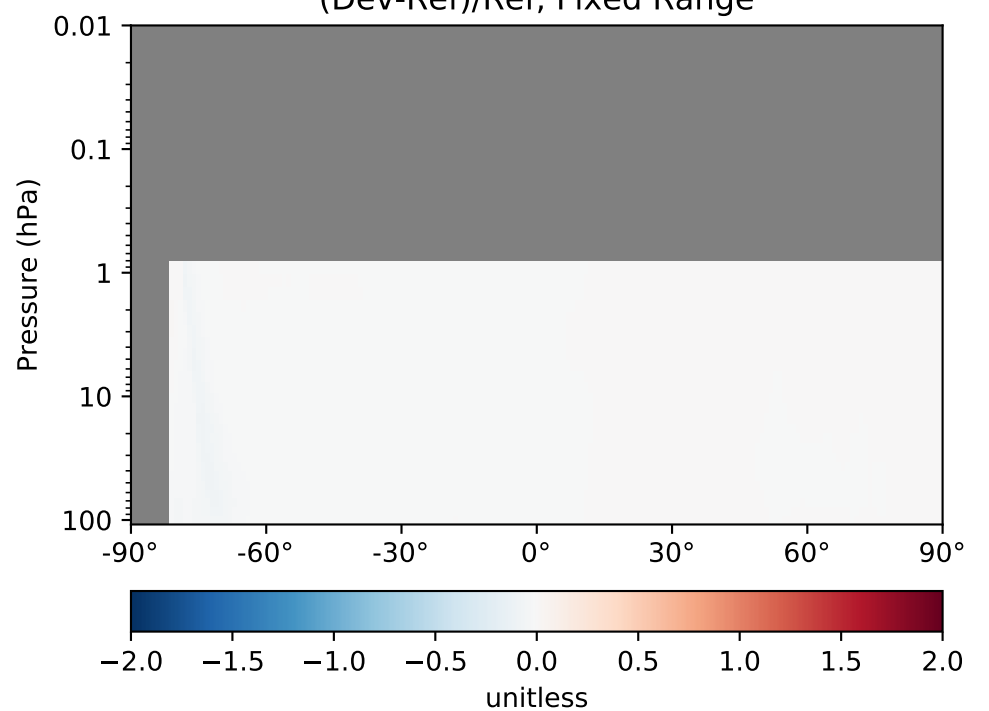
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



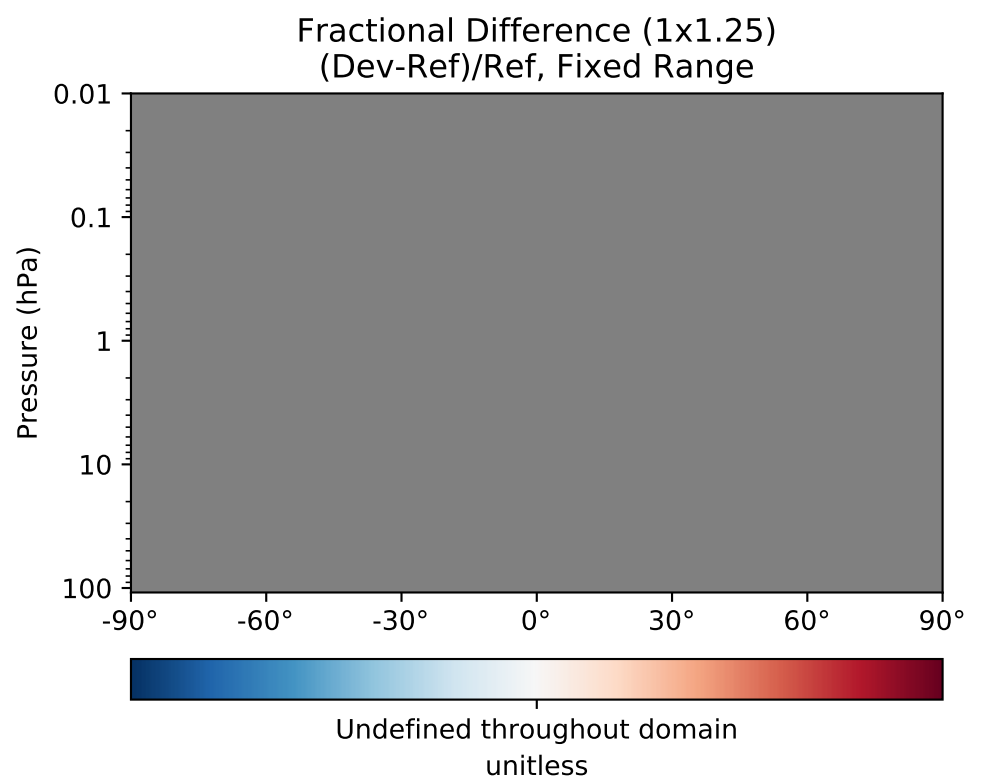
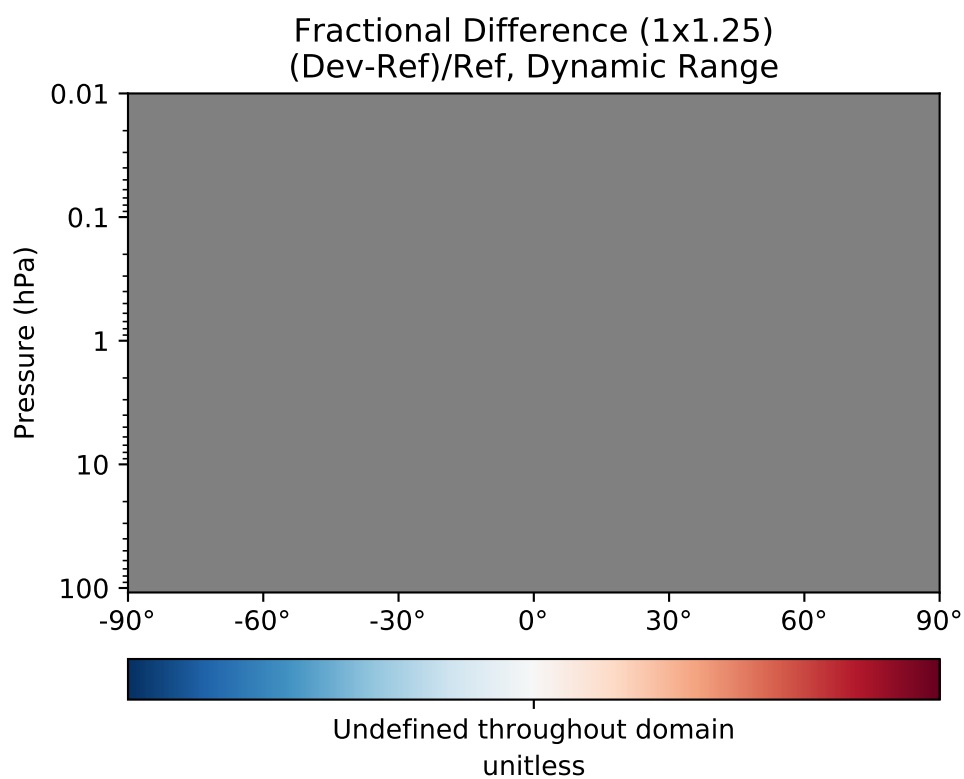
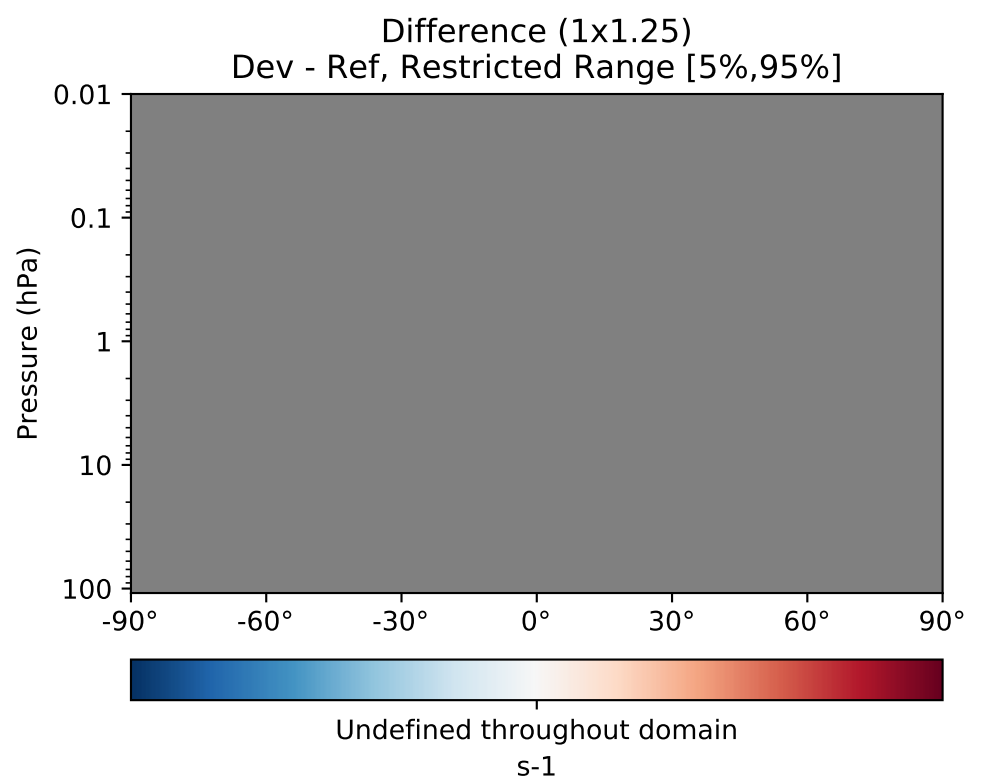
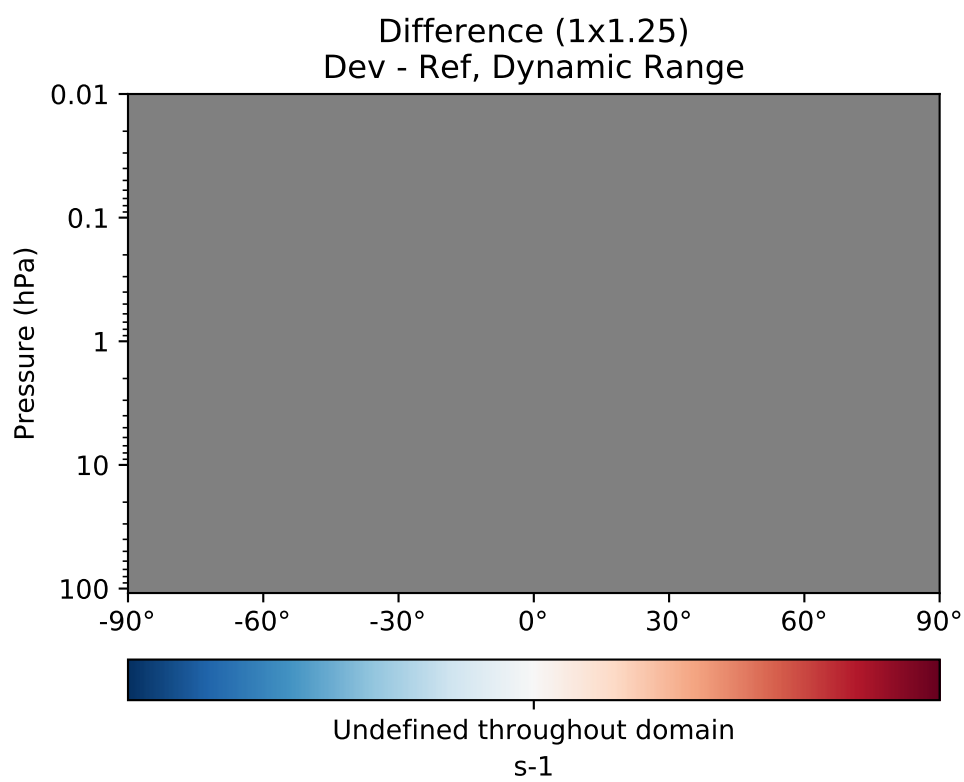
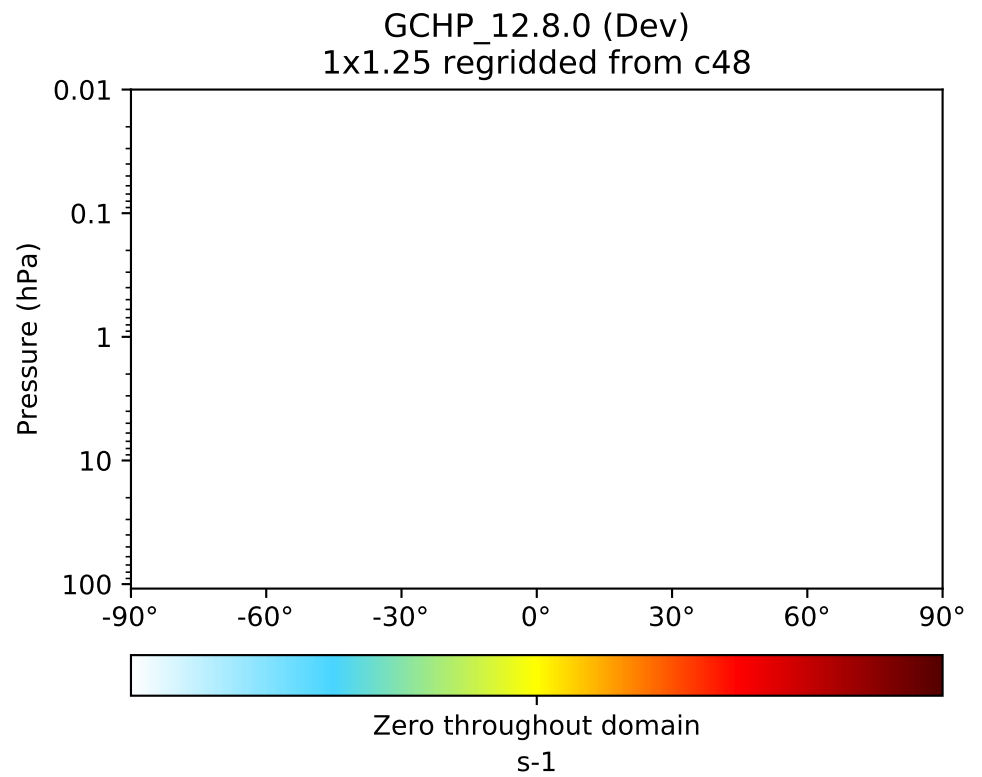
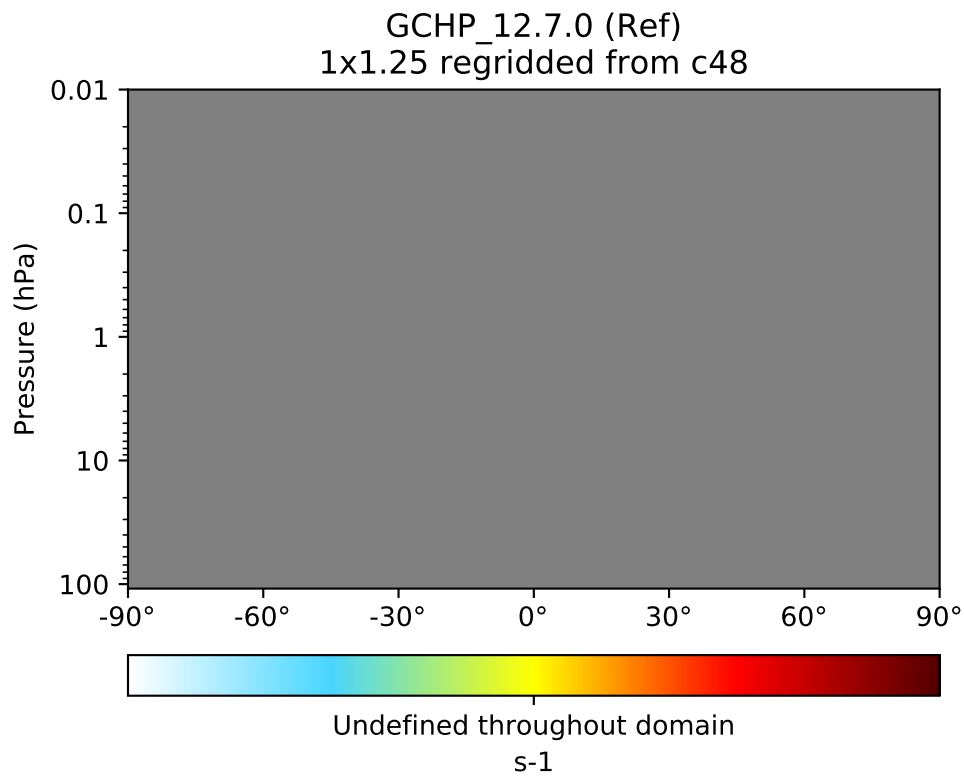
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

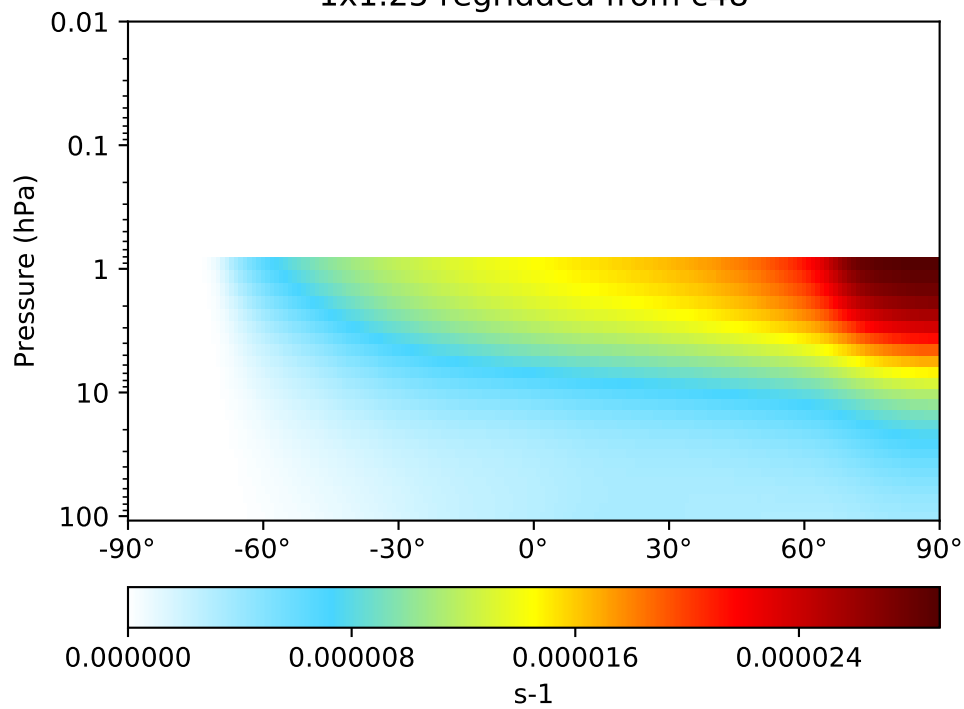


Jval_MPAN, Zonal Mean

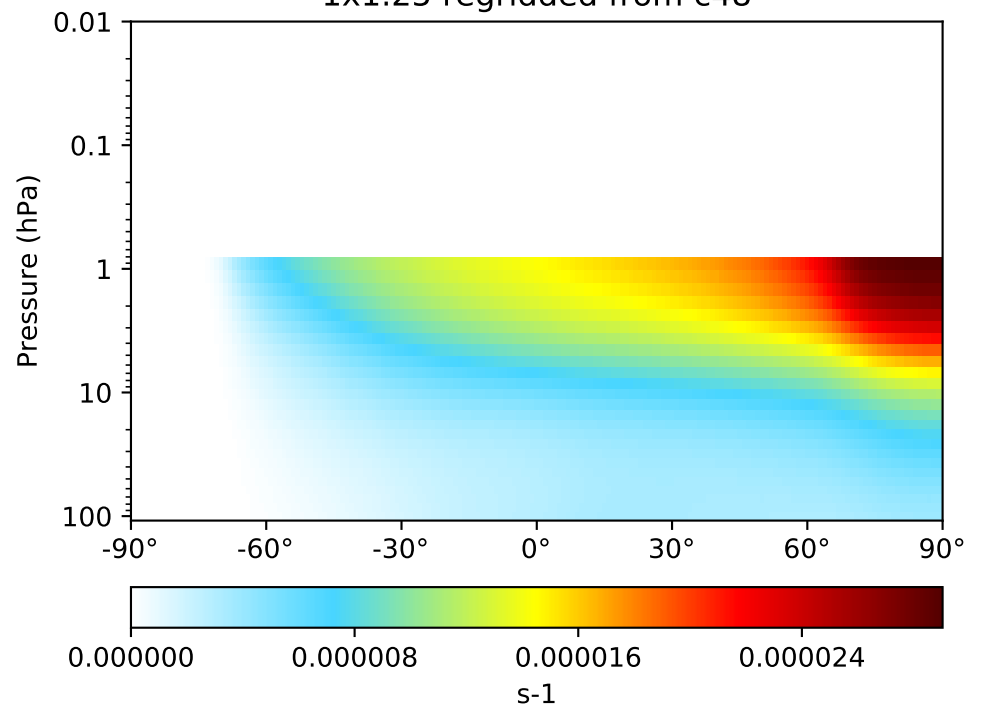


Jval_MPN, Zonal Mean

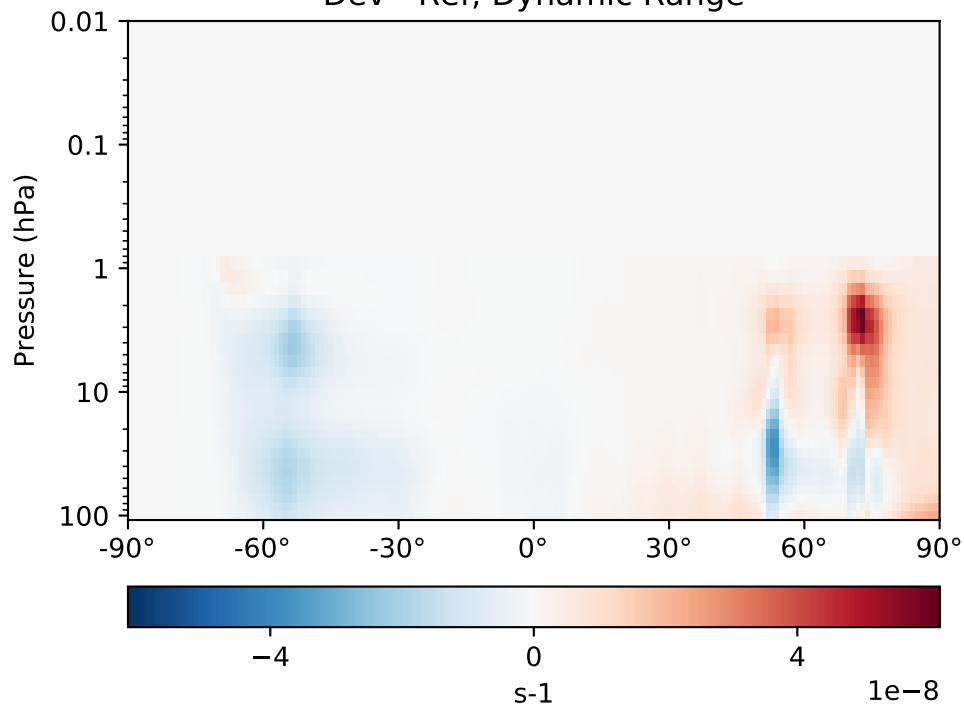
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



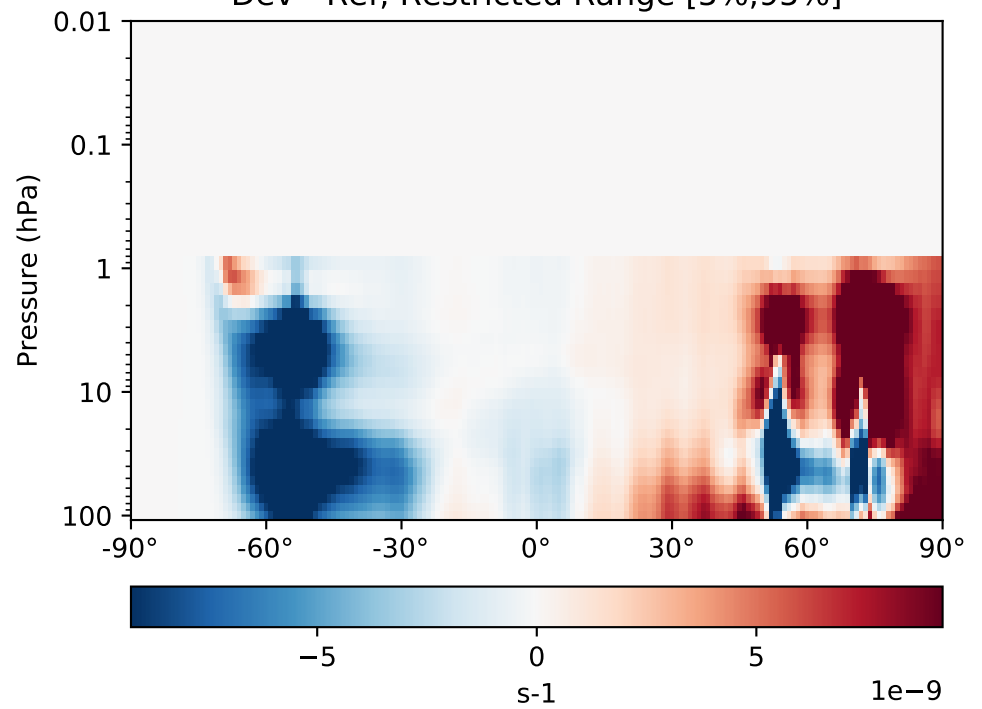
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



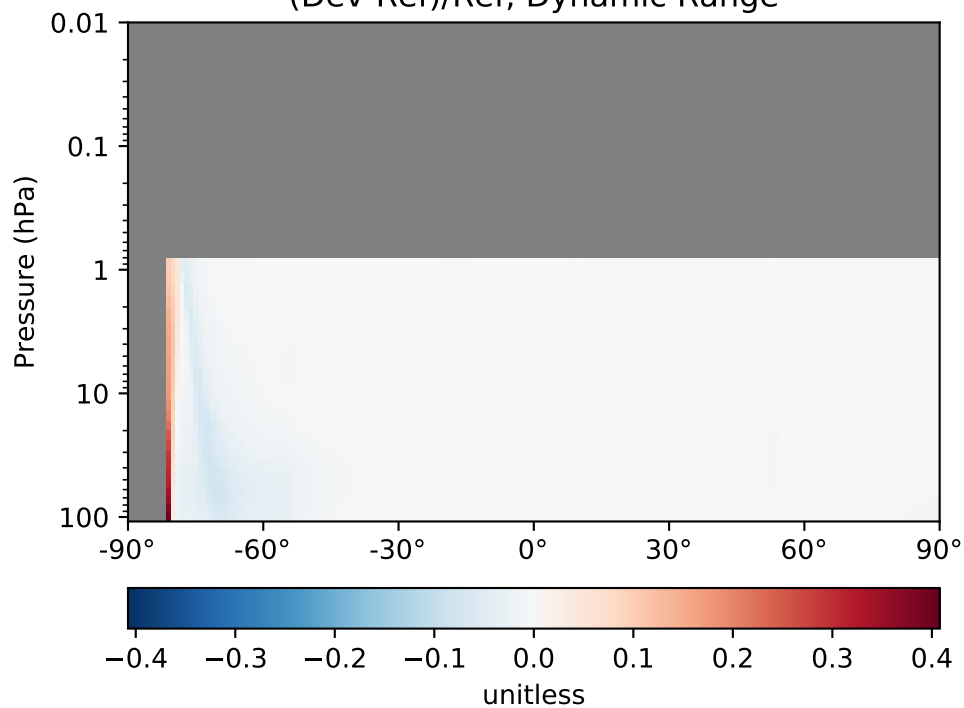
Difference (1x1.25)
Dev - Ref, Dynamic Range



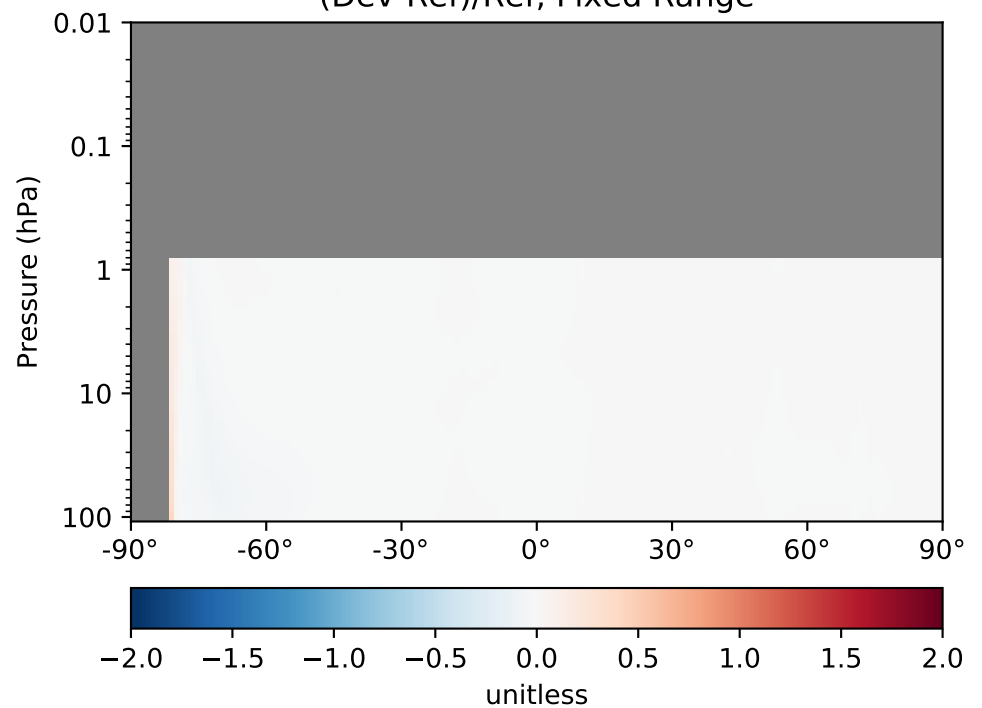
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



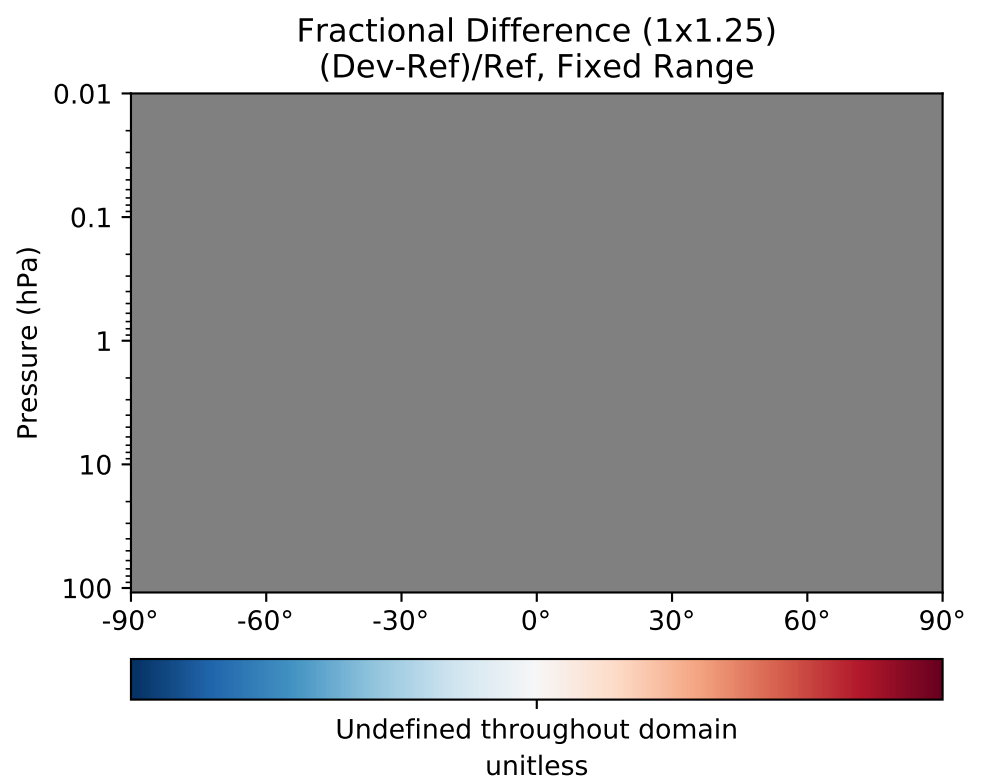
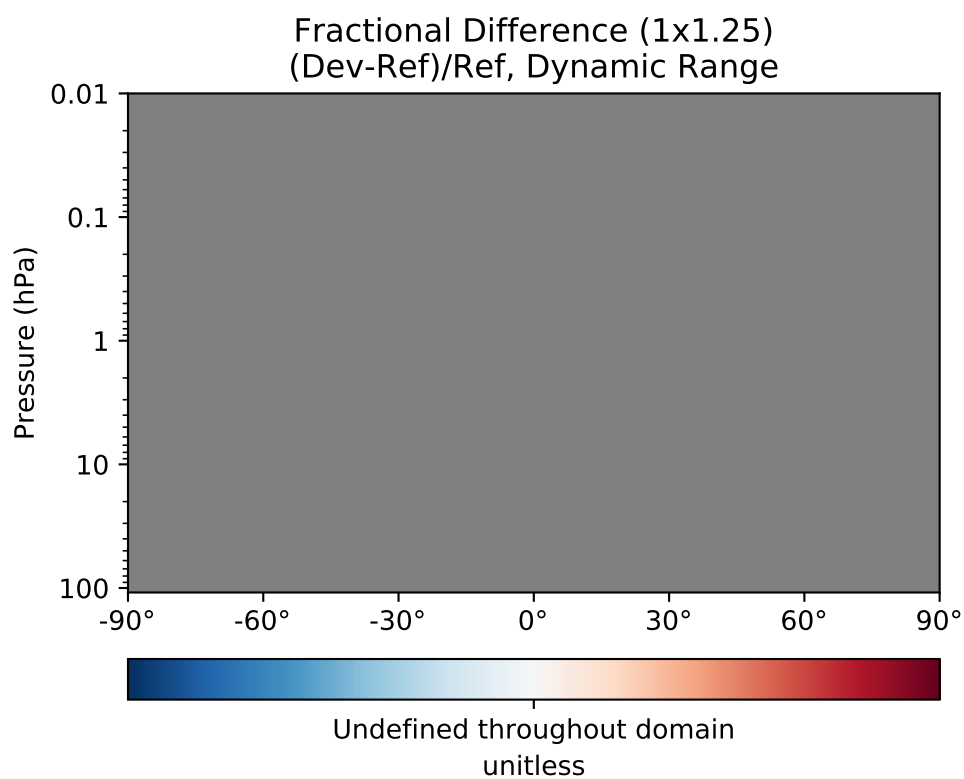
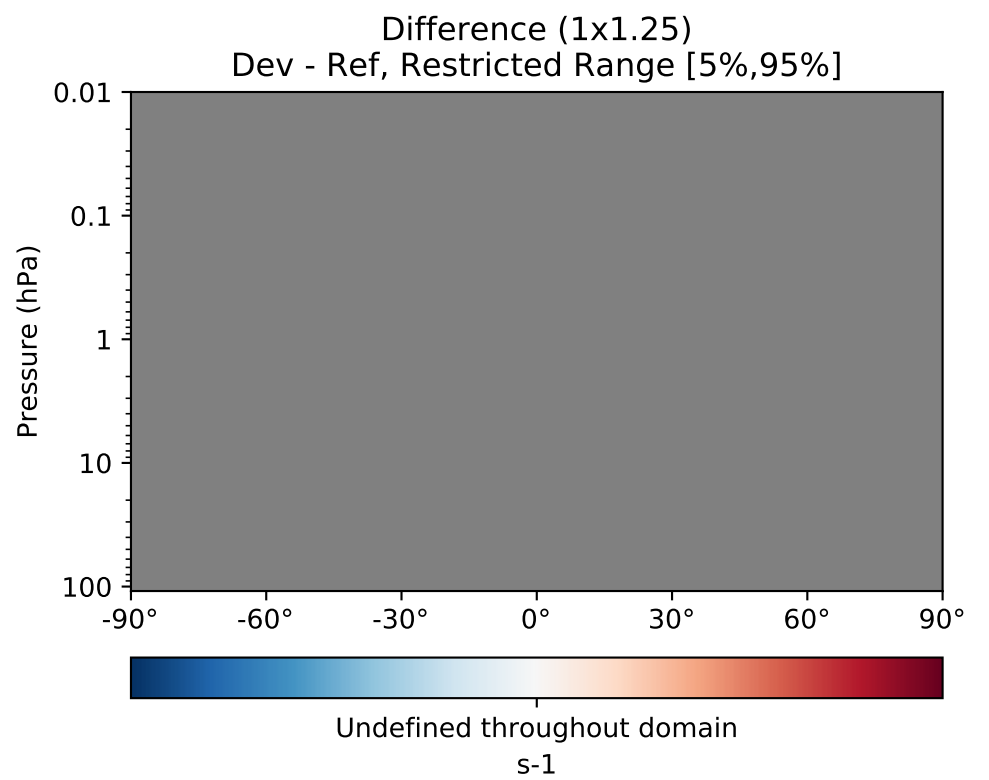
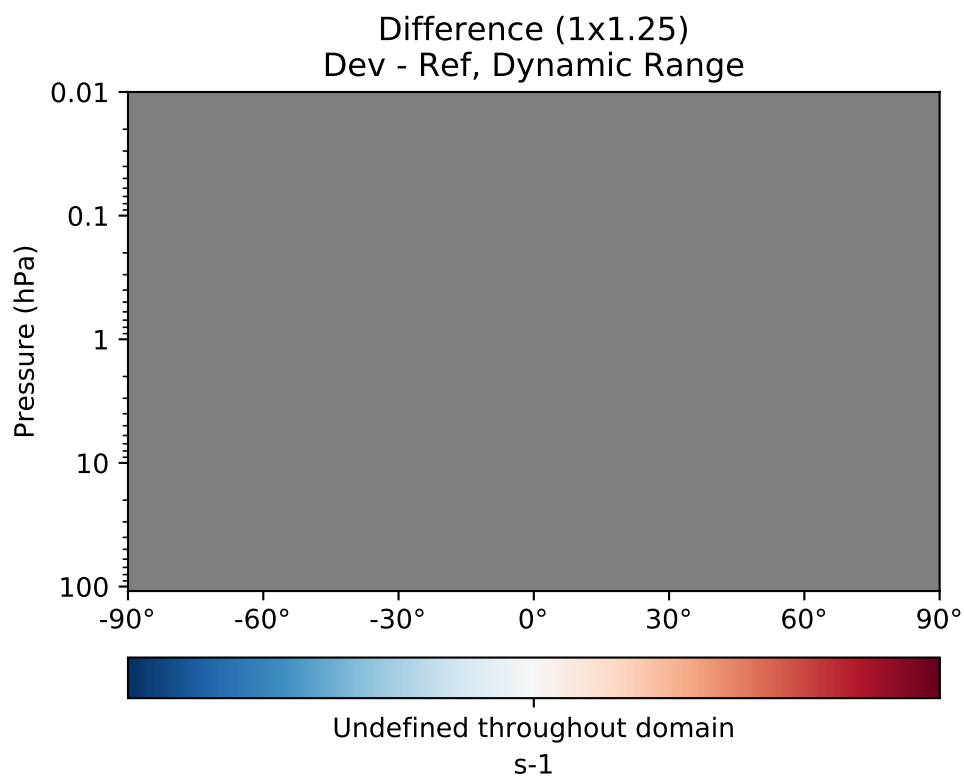
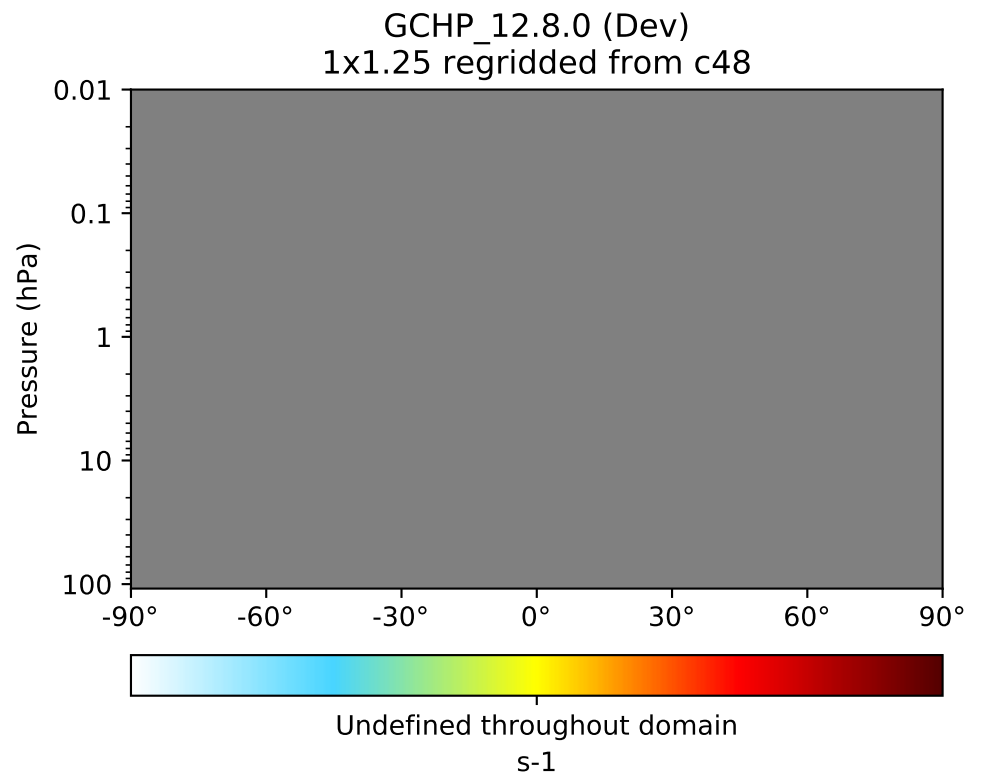
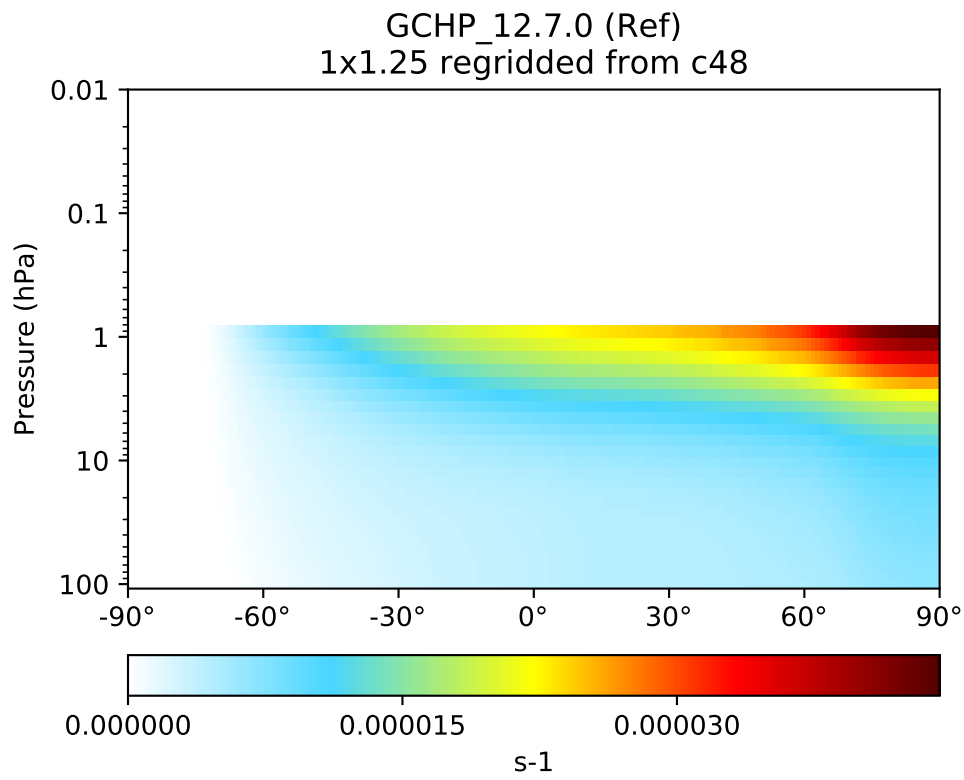
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

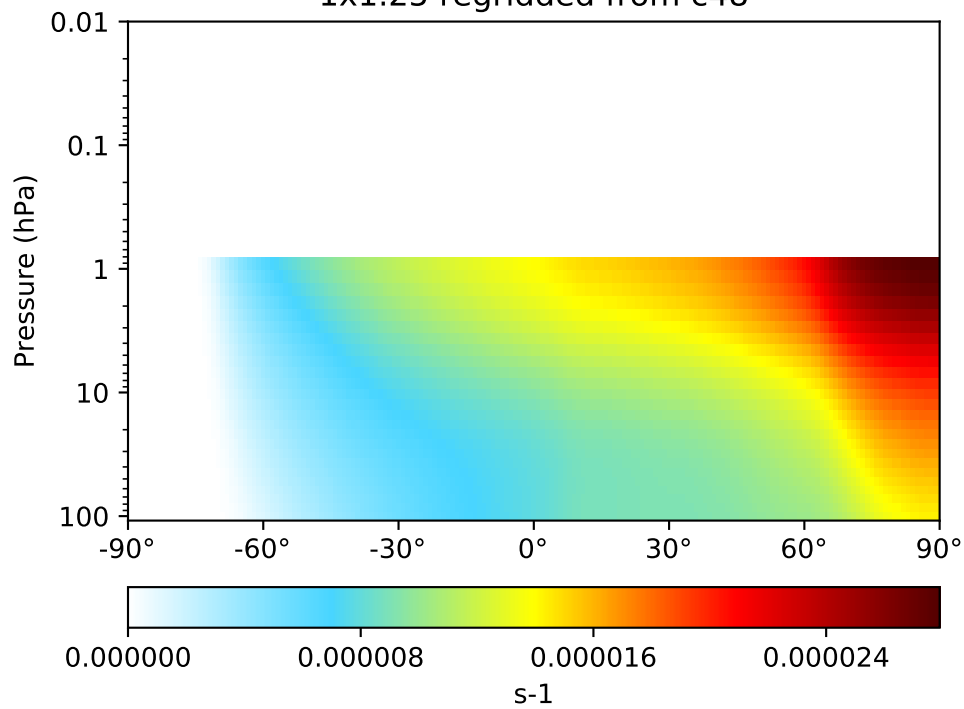


Jval_MRP, Zonal Mean

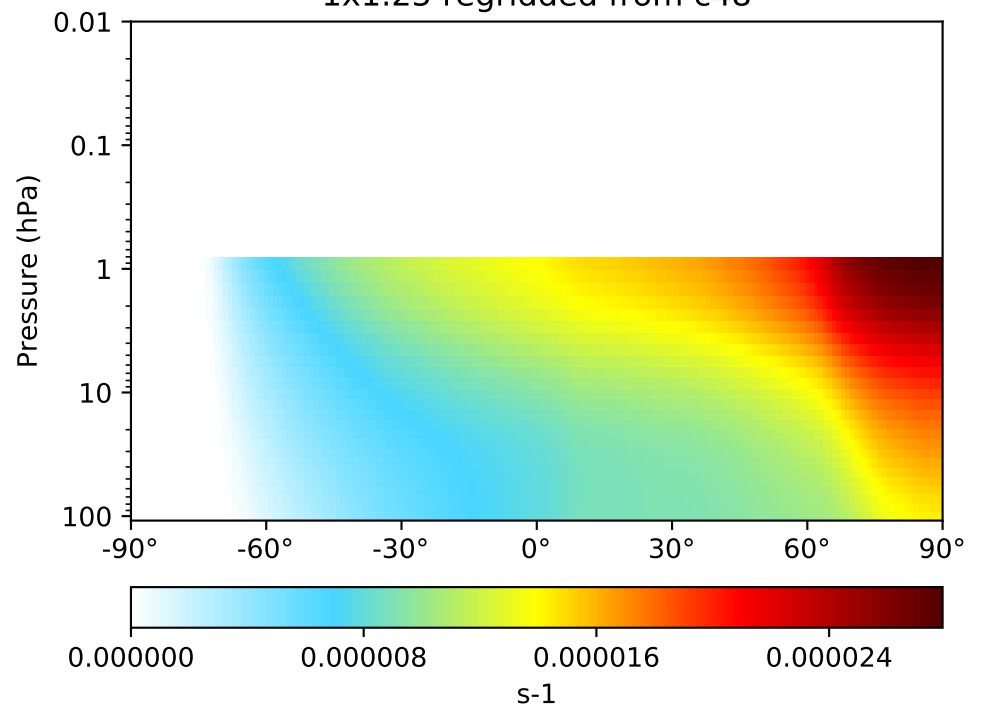


Jval_MVK, Zonal Mean

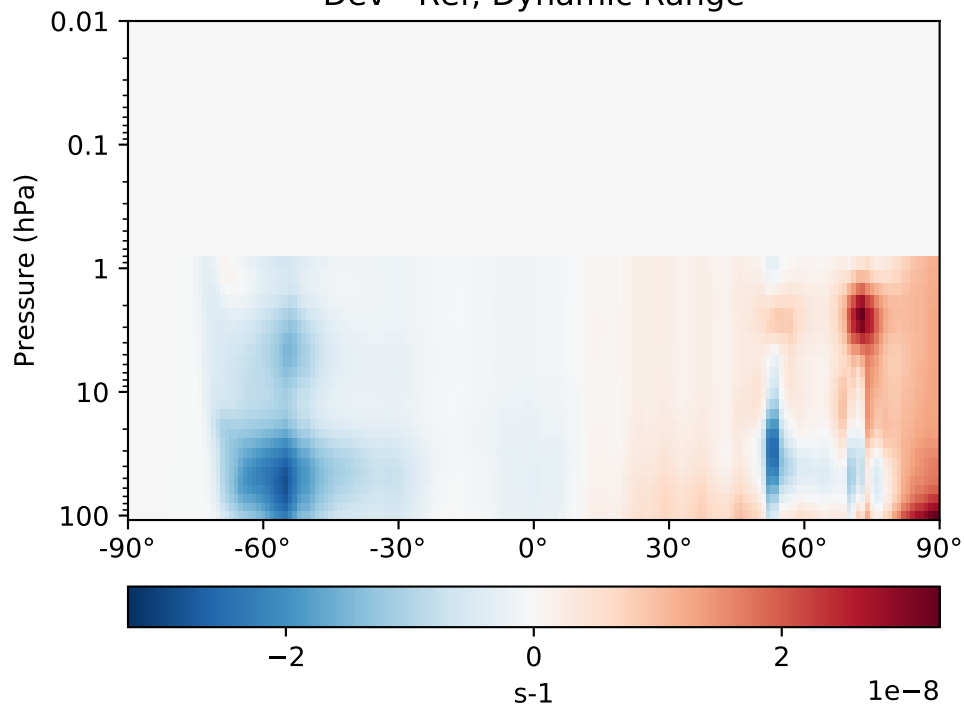
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



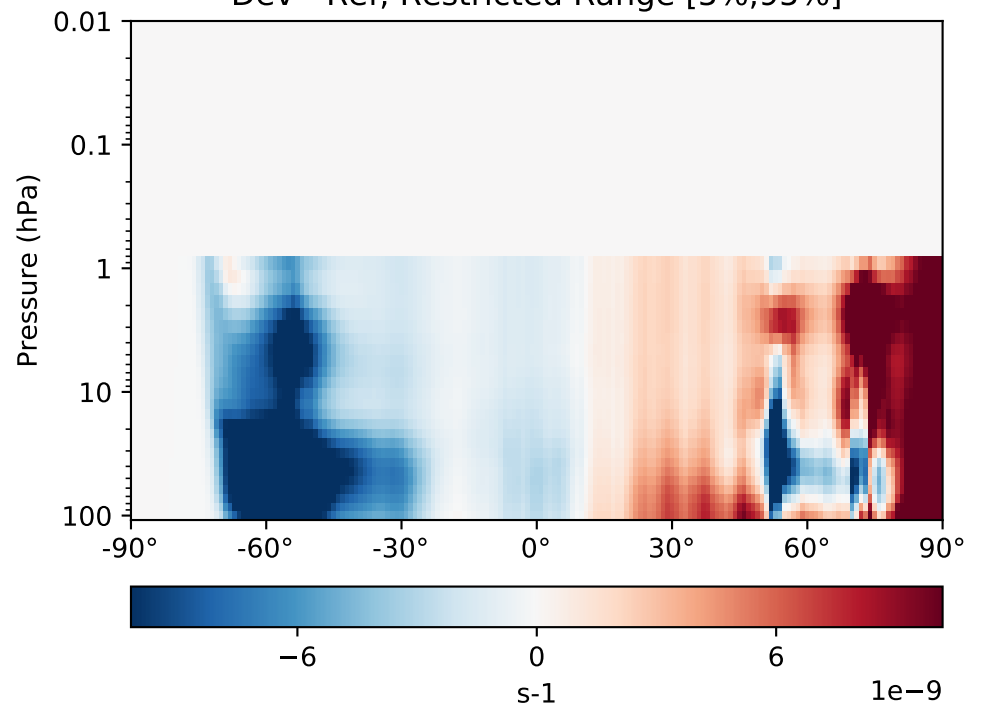
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



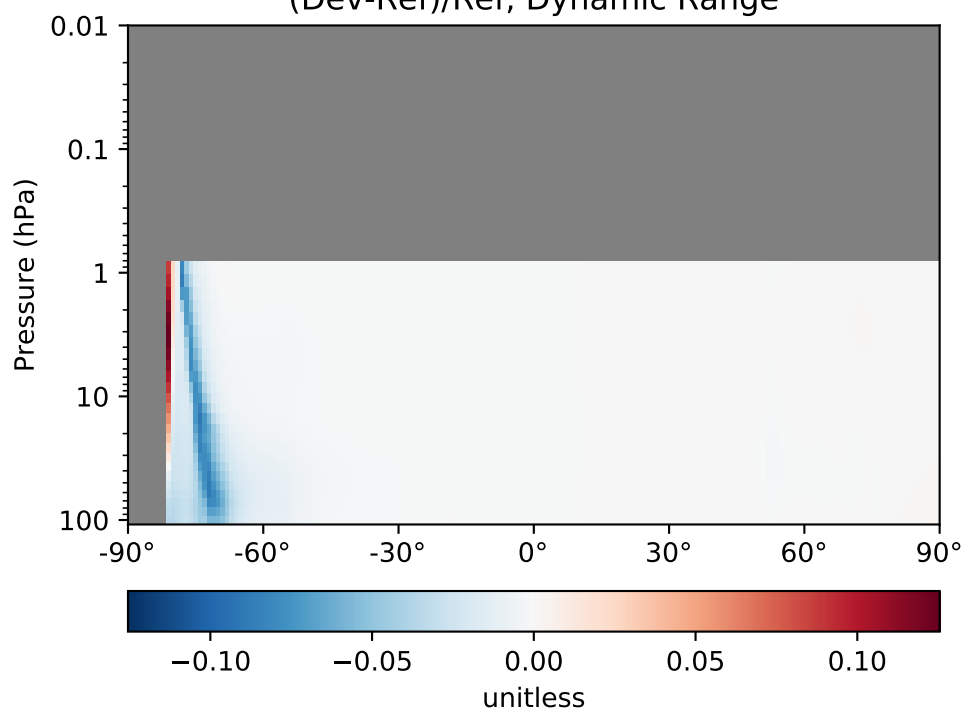
Difference (1x1.25)
Dev - Ref, Dynamic Range



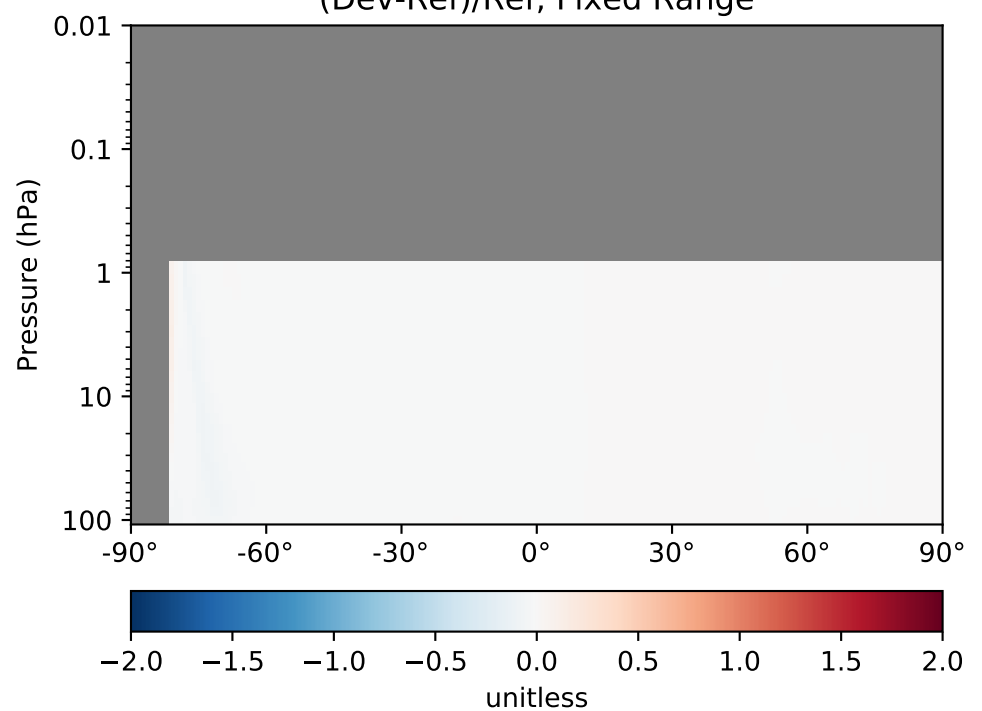
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



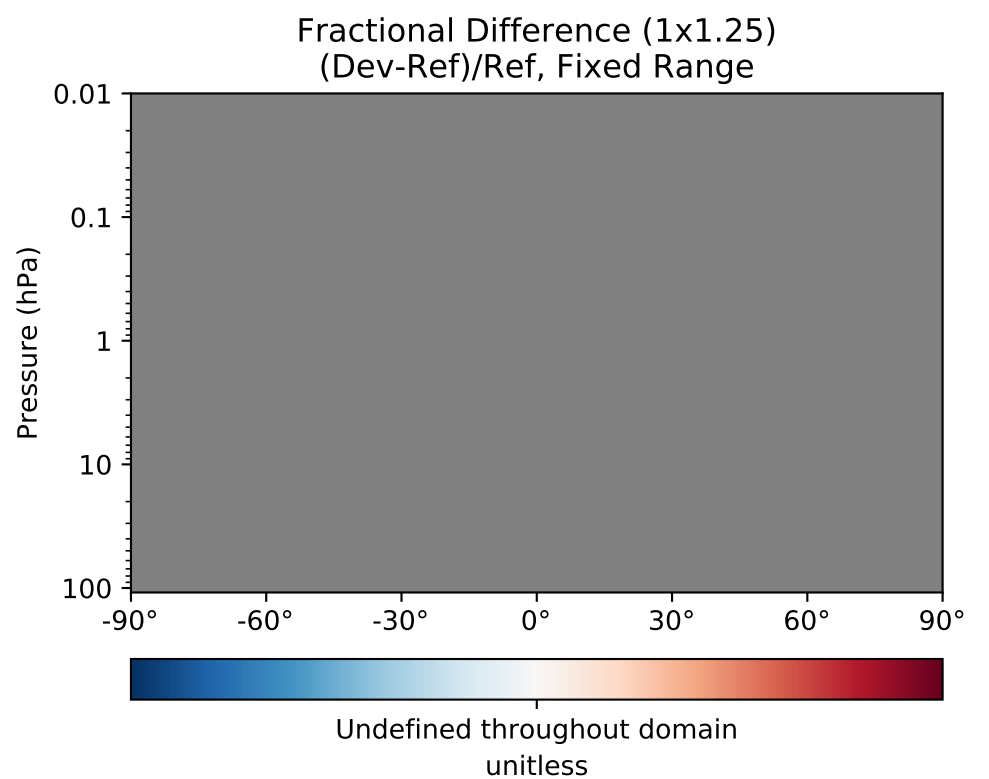
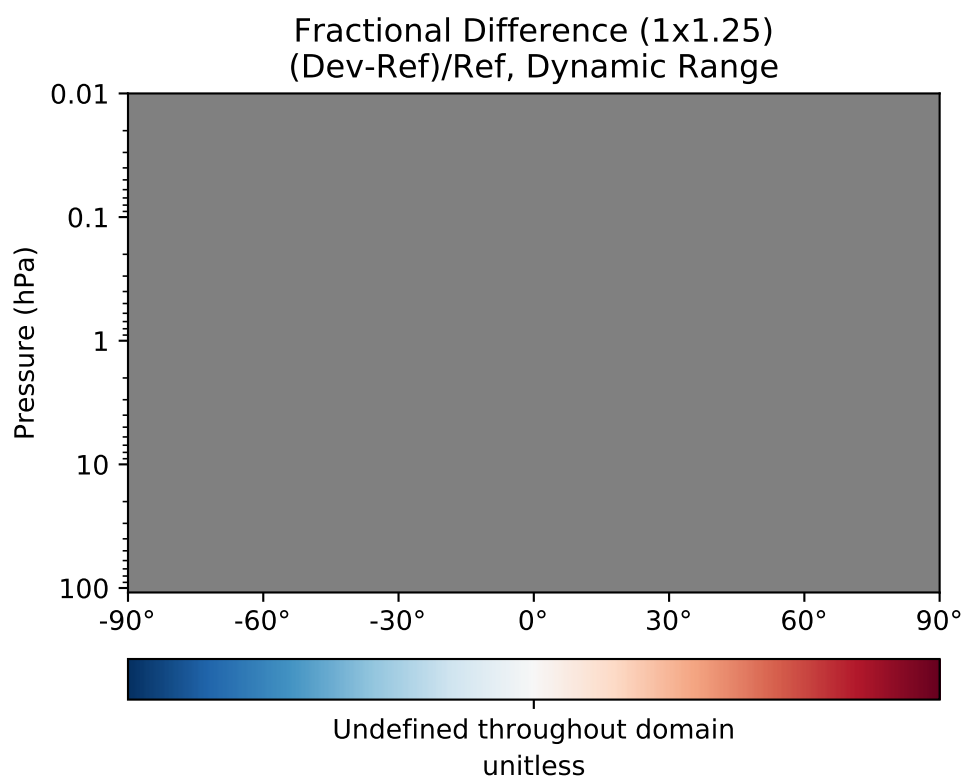
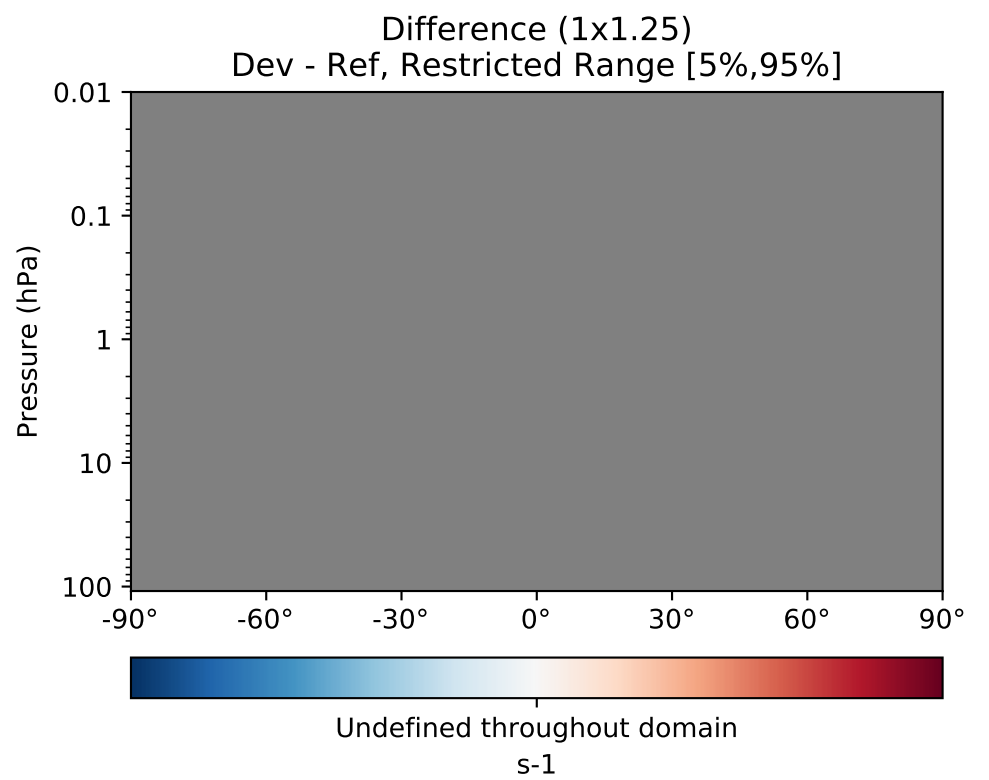
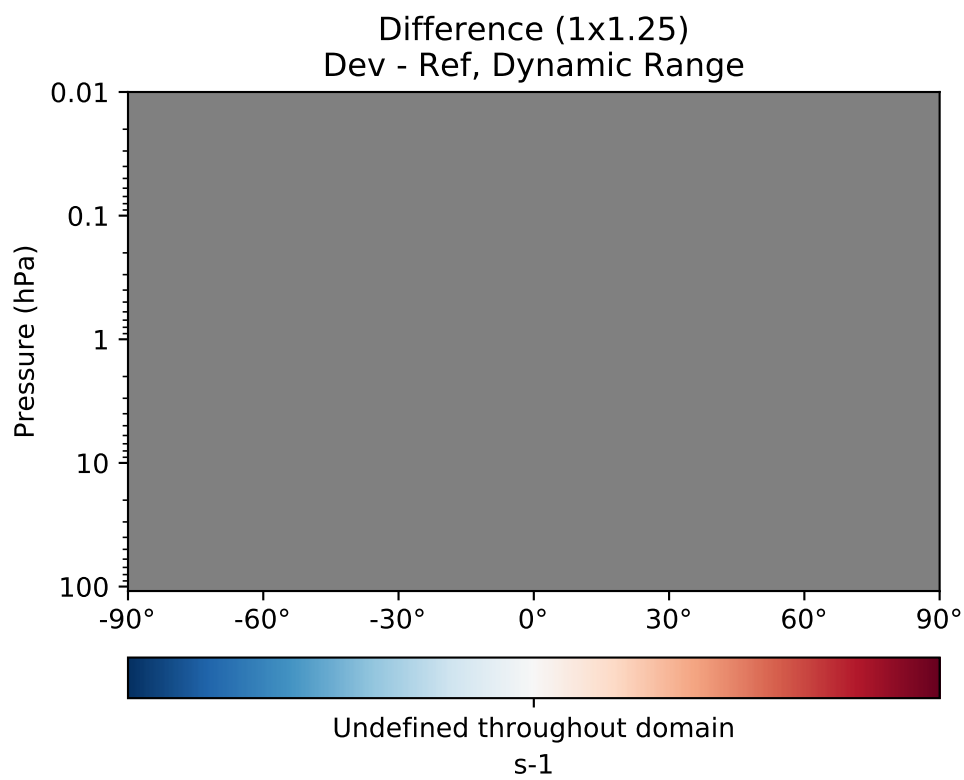
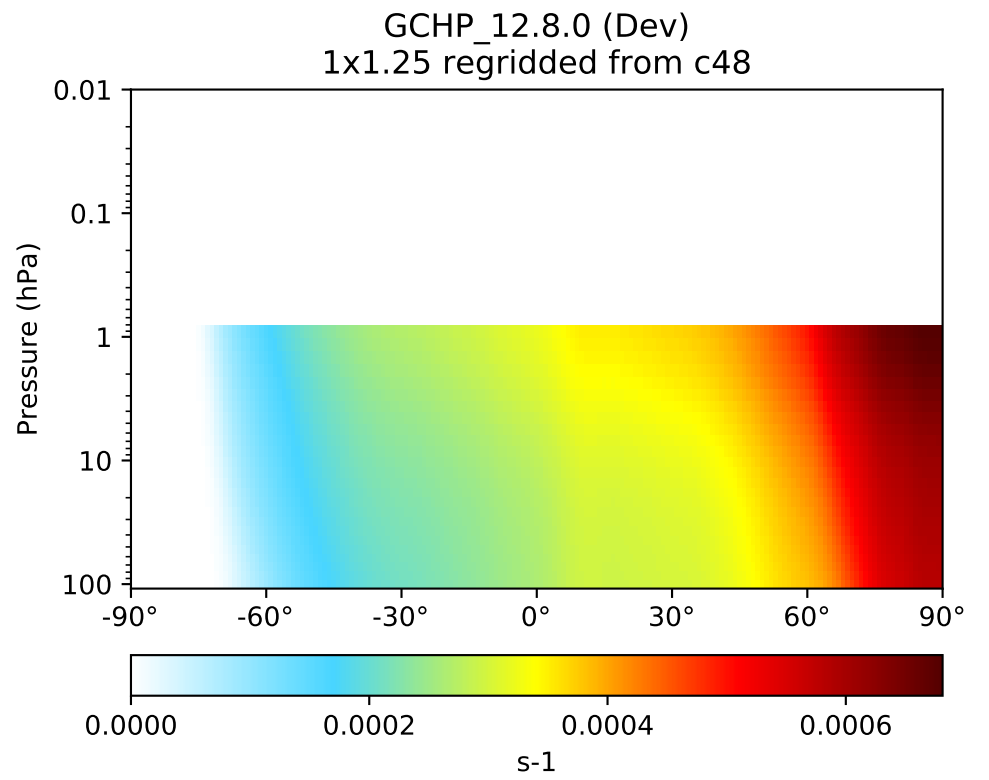
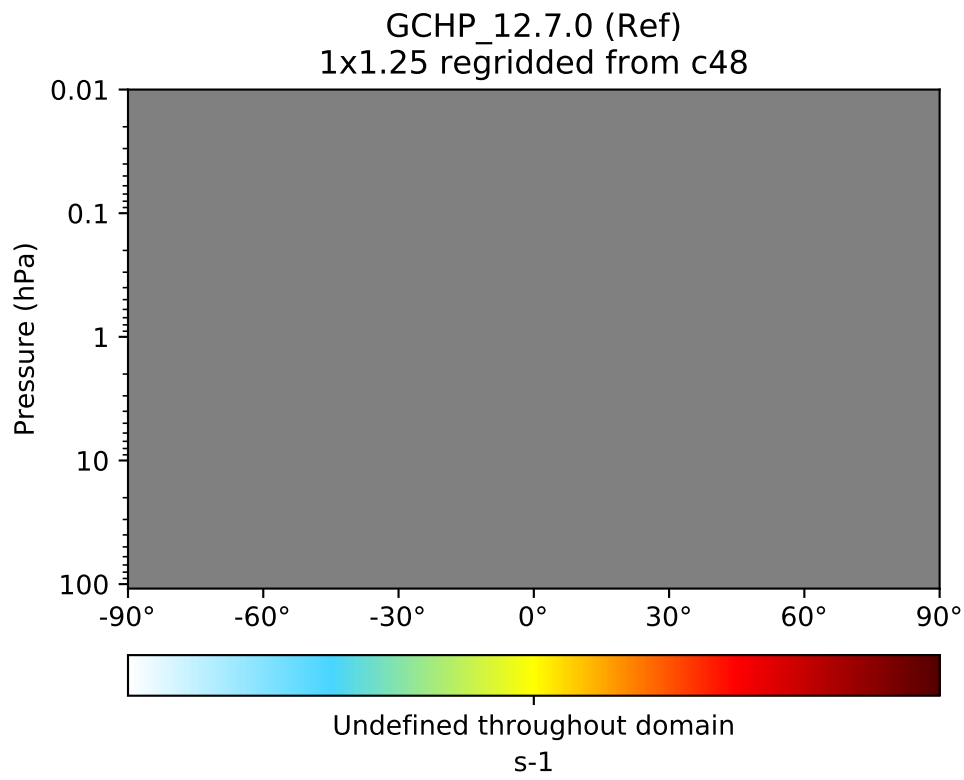
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



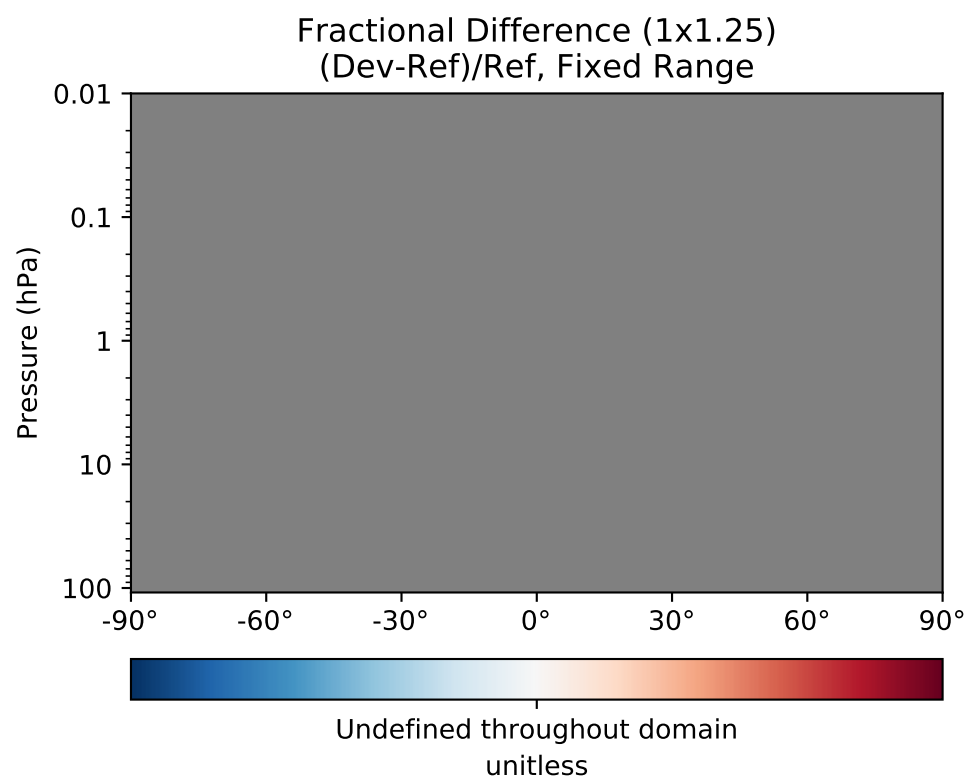
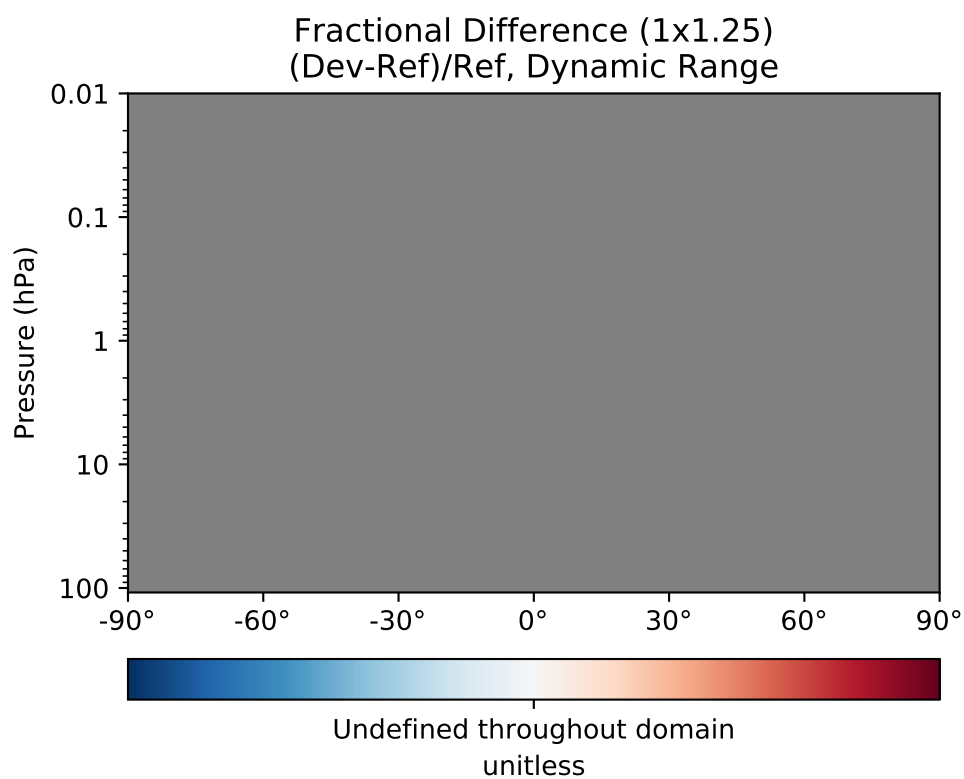
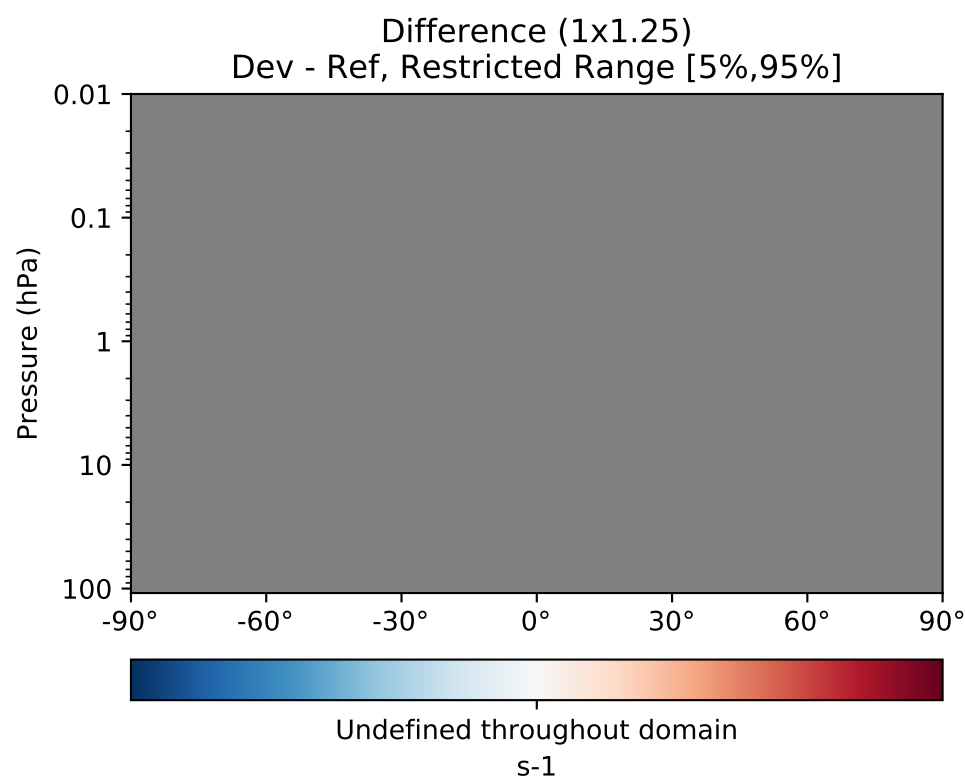
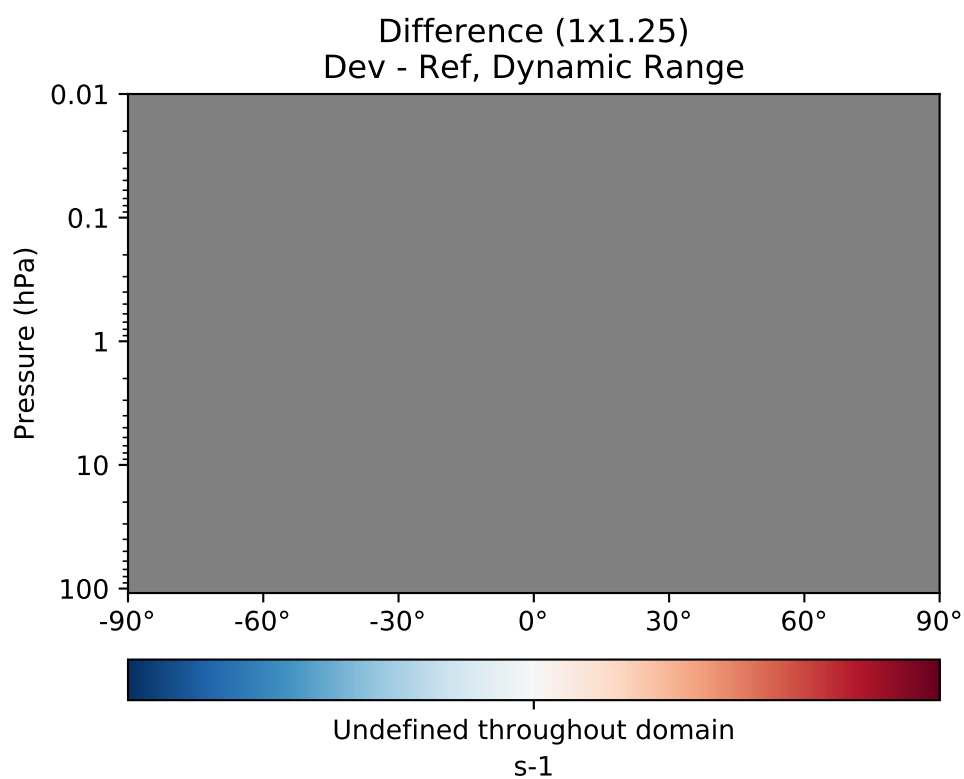
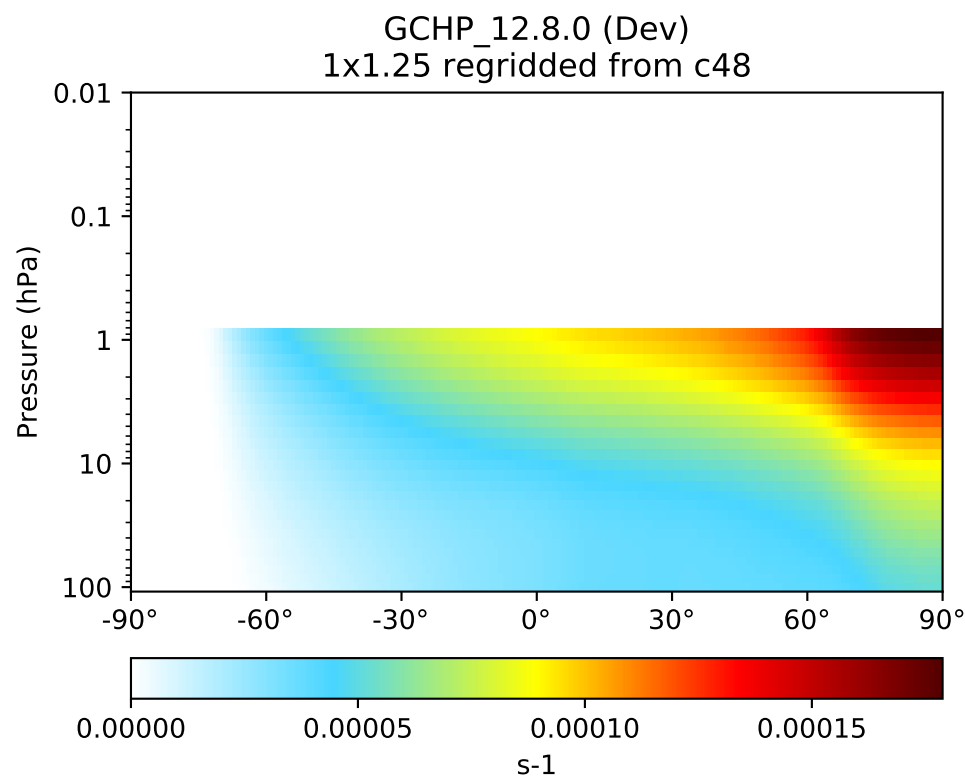
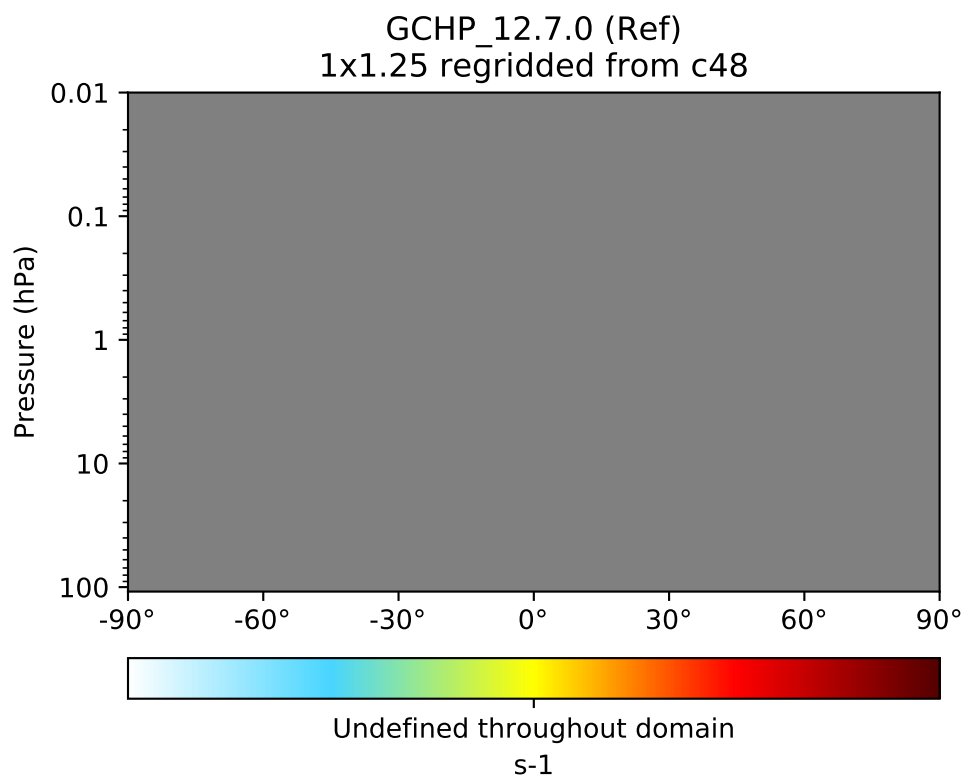
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



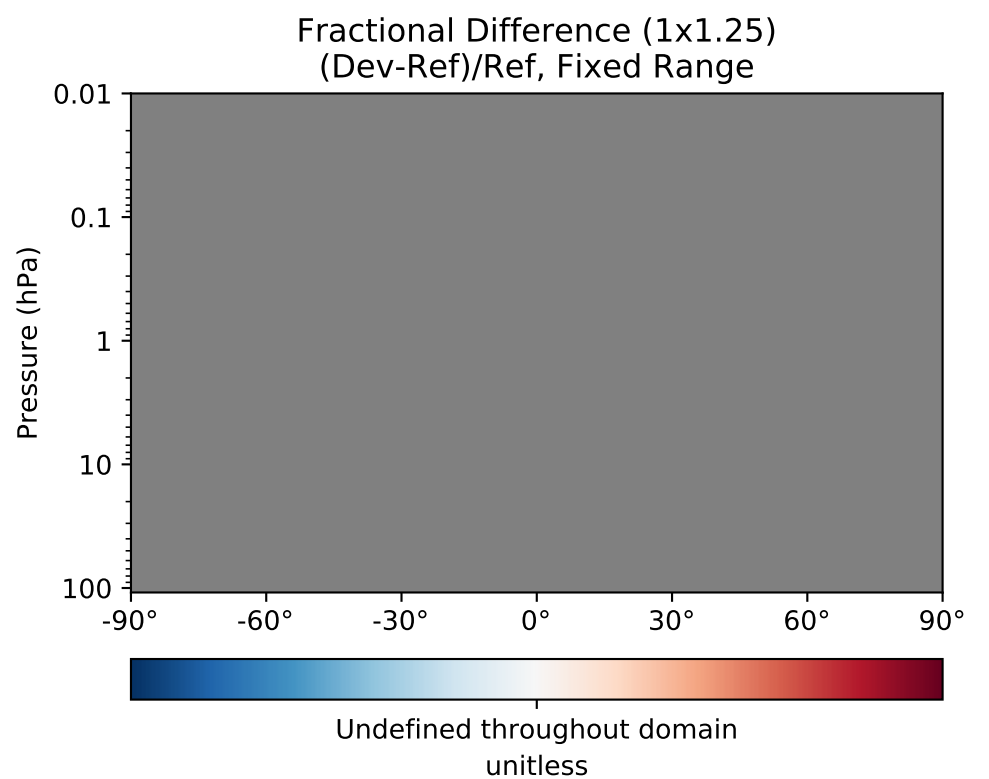
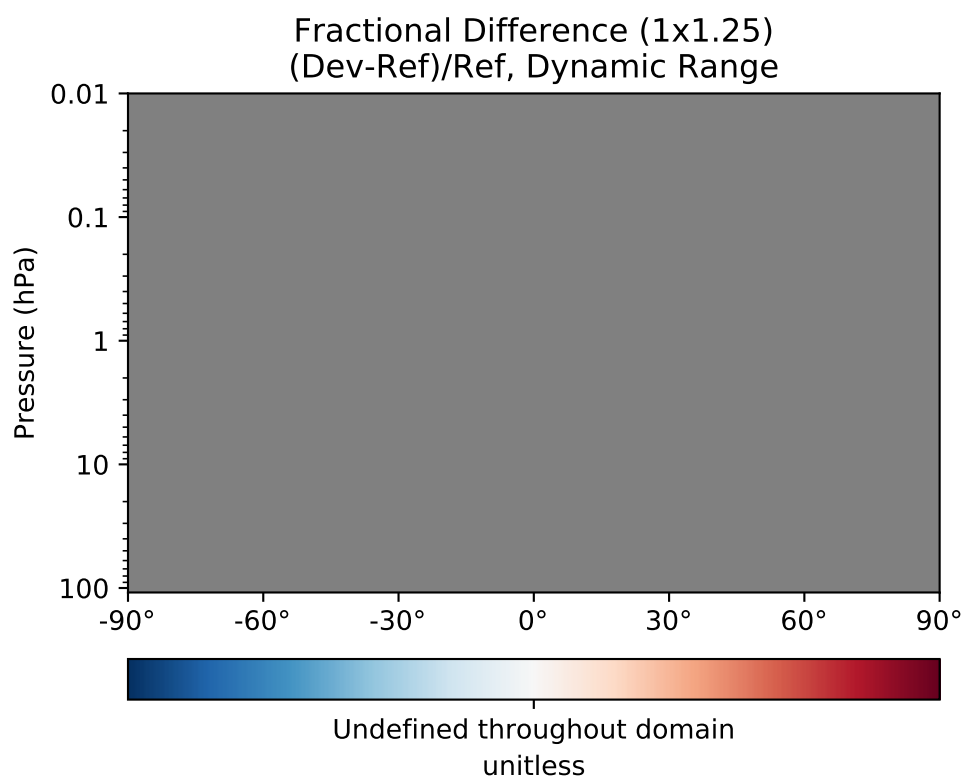
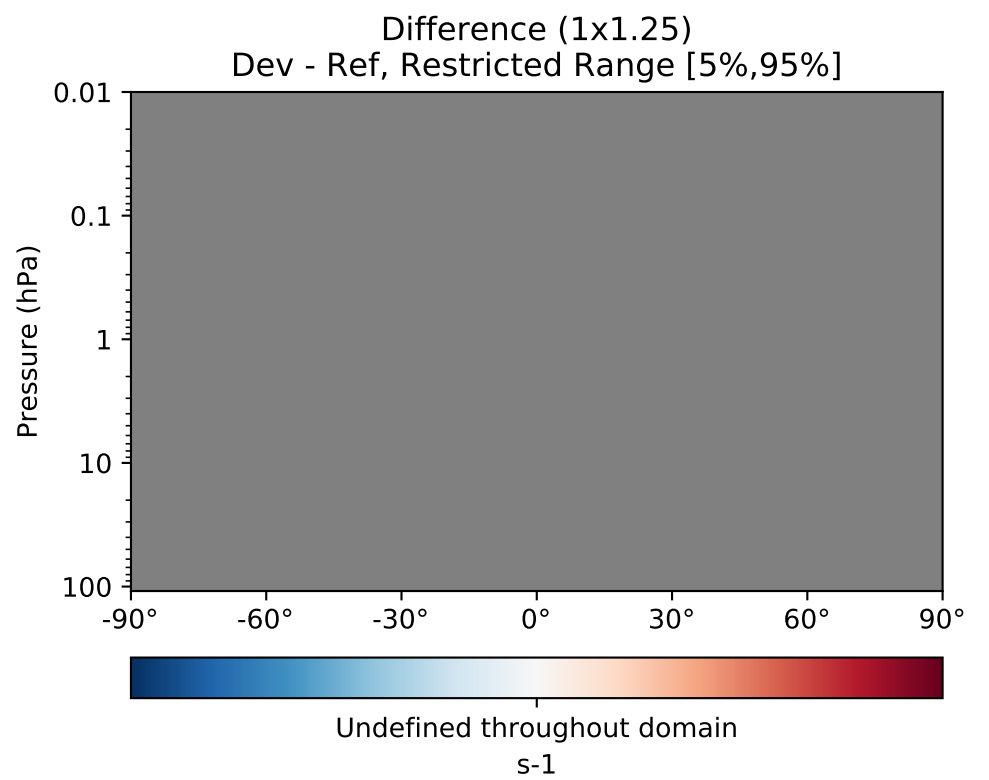
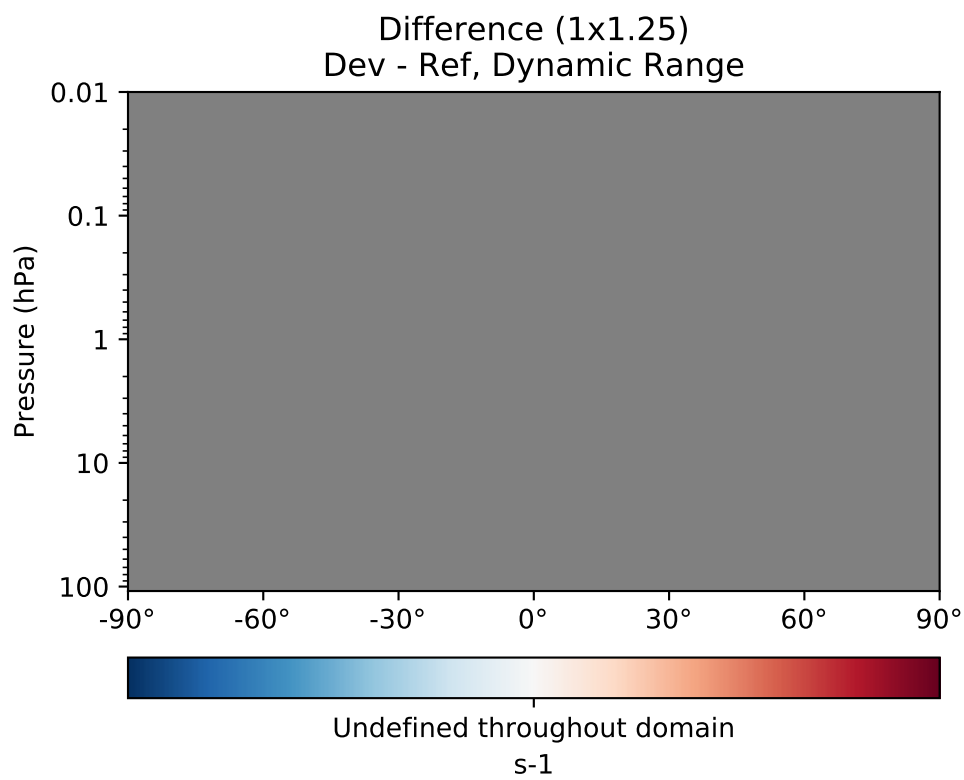
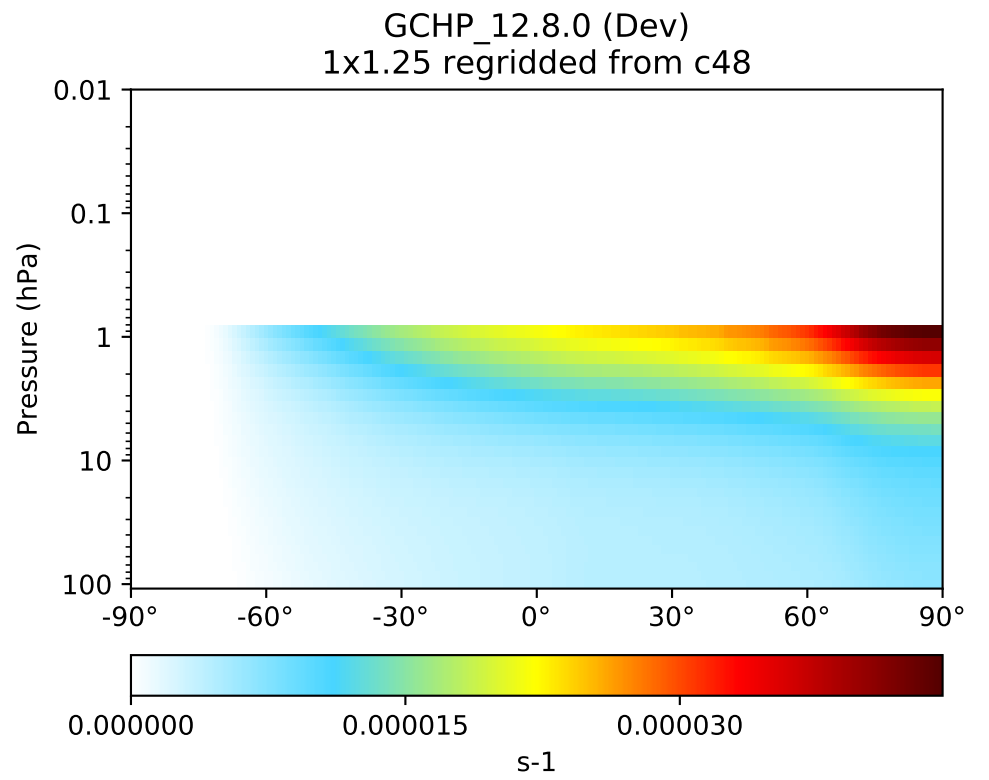
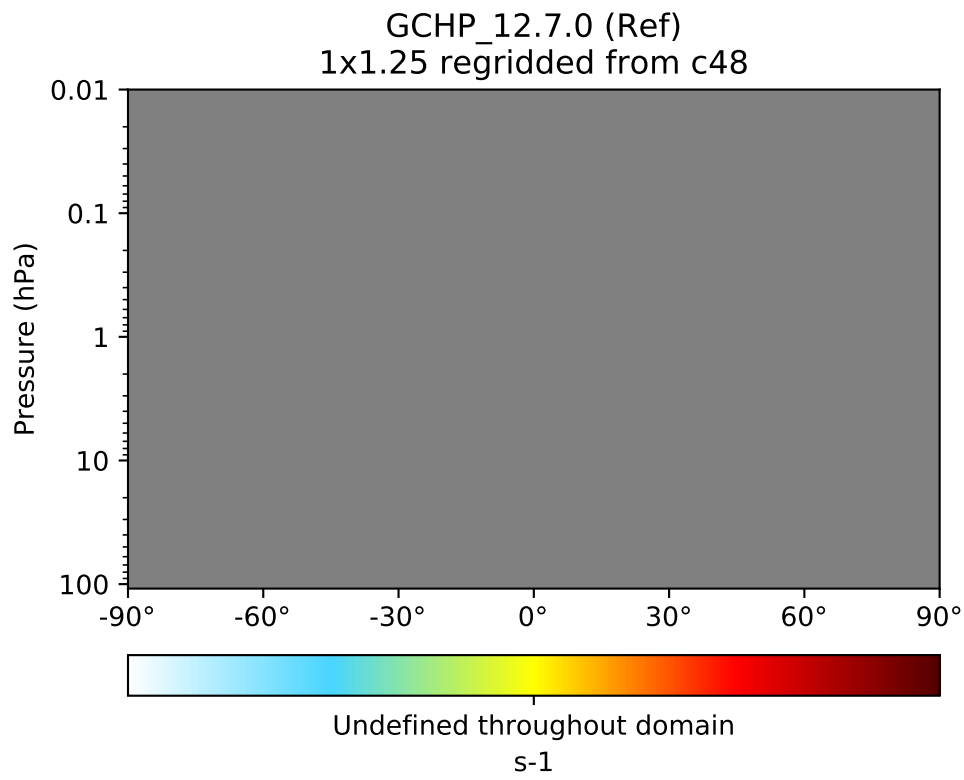
Jval_MVKHC, Zonal Mean



Jval_MVKHCB, Zonal Mean

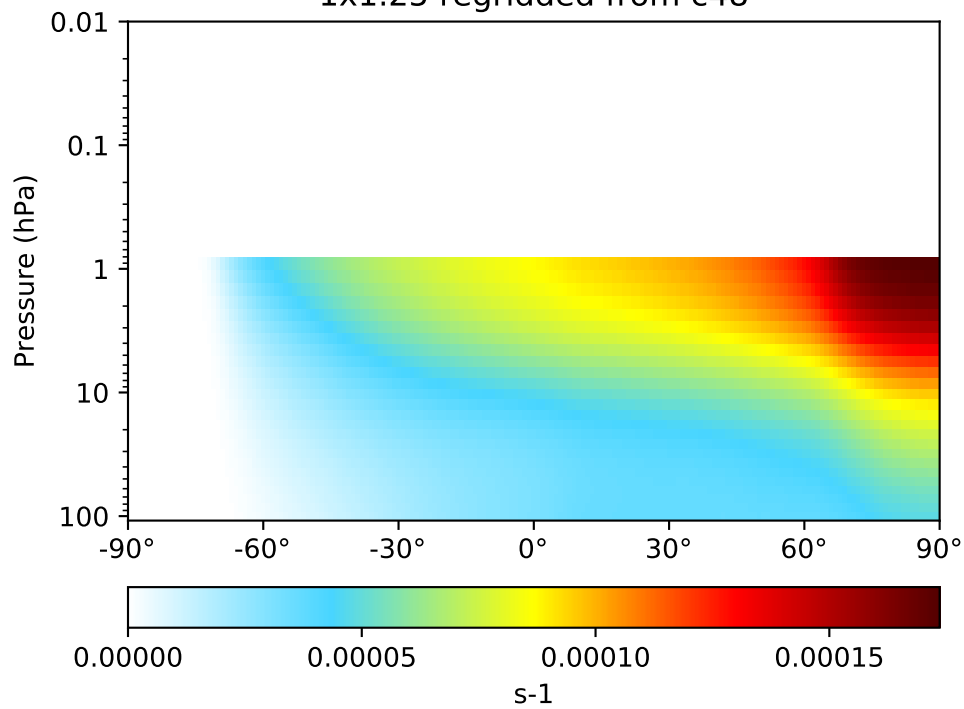


Jval_MVKHP, Zonal Mean

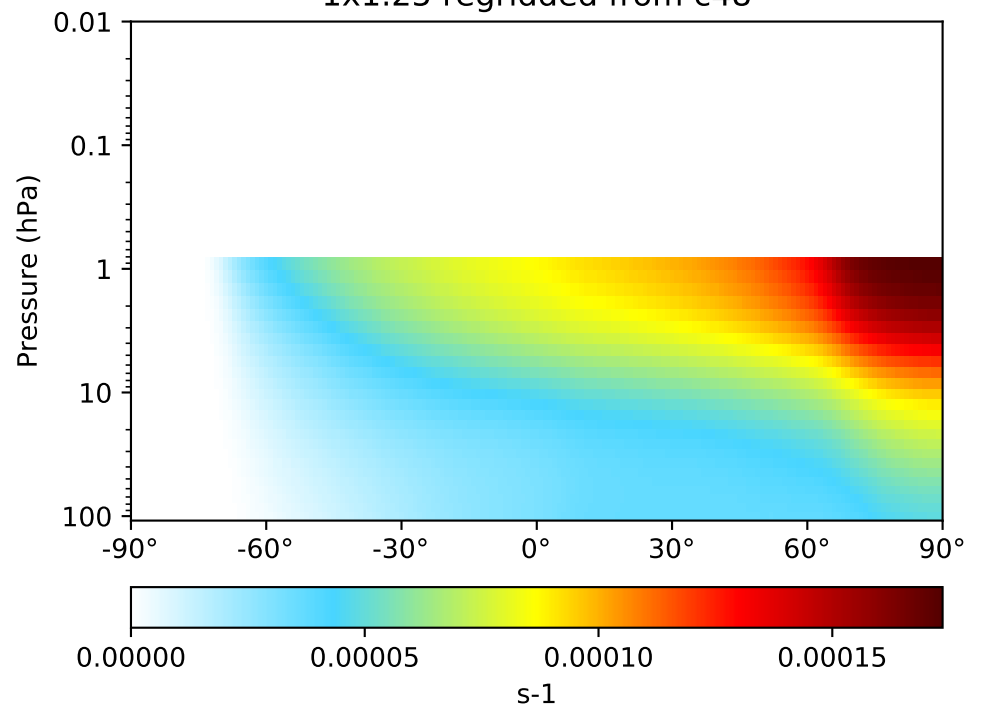


Jval_MVKN, Zonal Mean

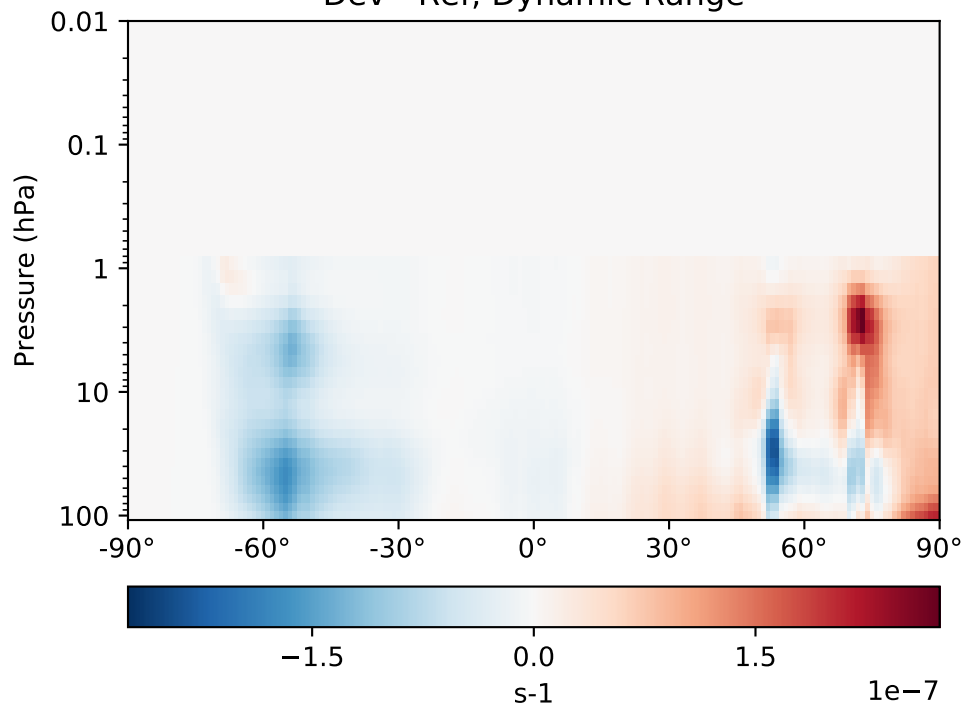
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



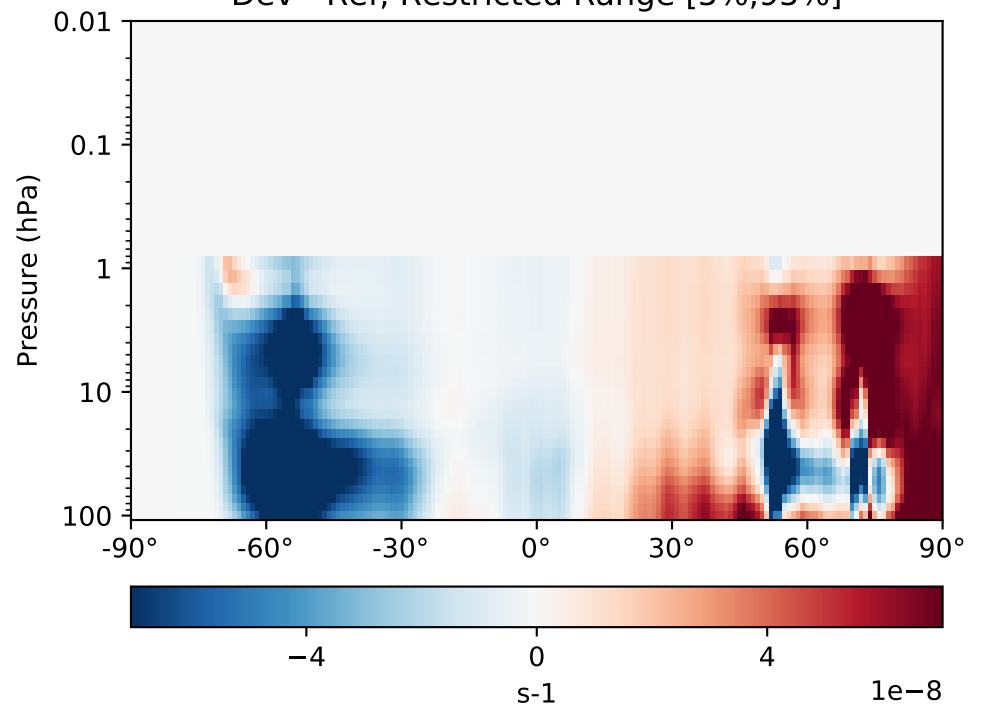
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



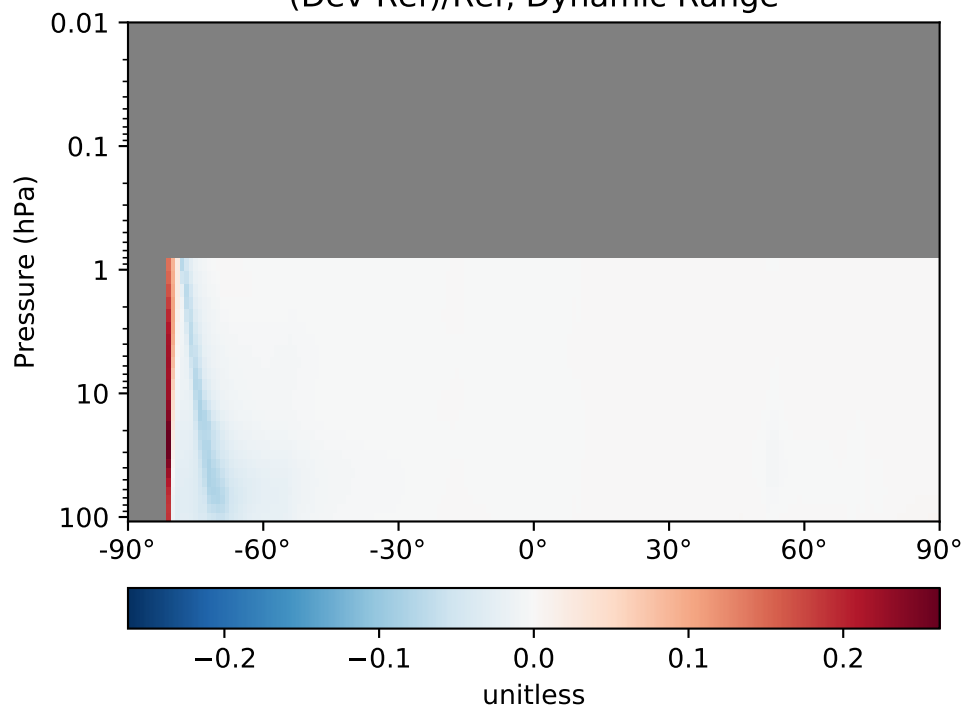
Difference (1x1.25)
Dev - Ref, Dynamic Range



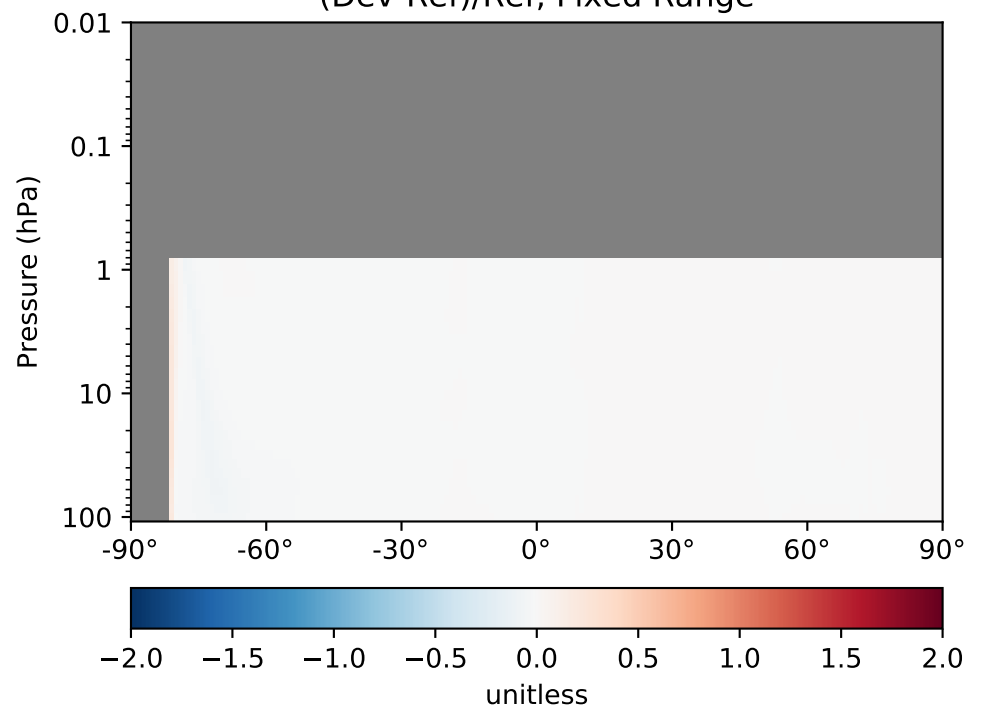
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



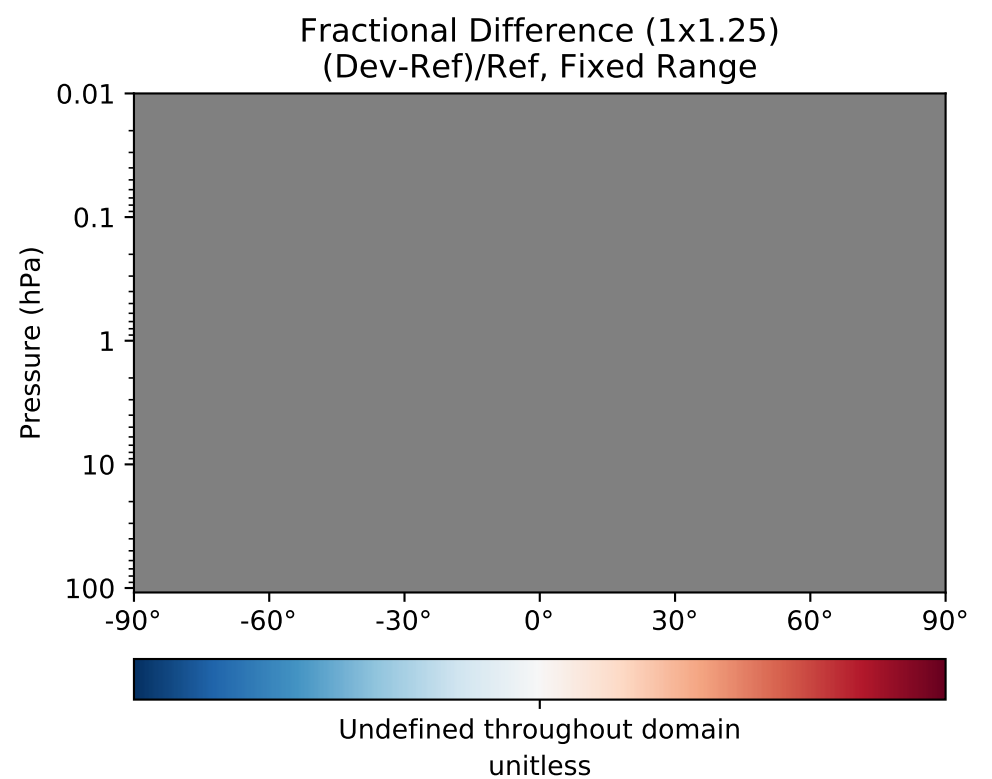
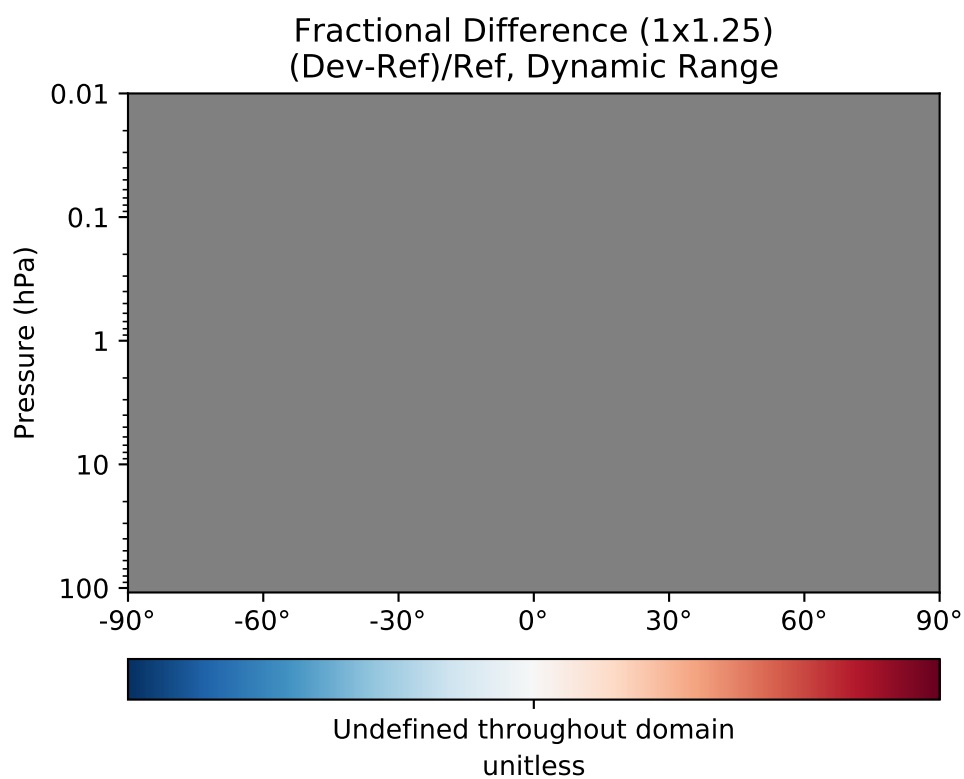
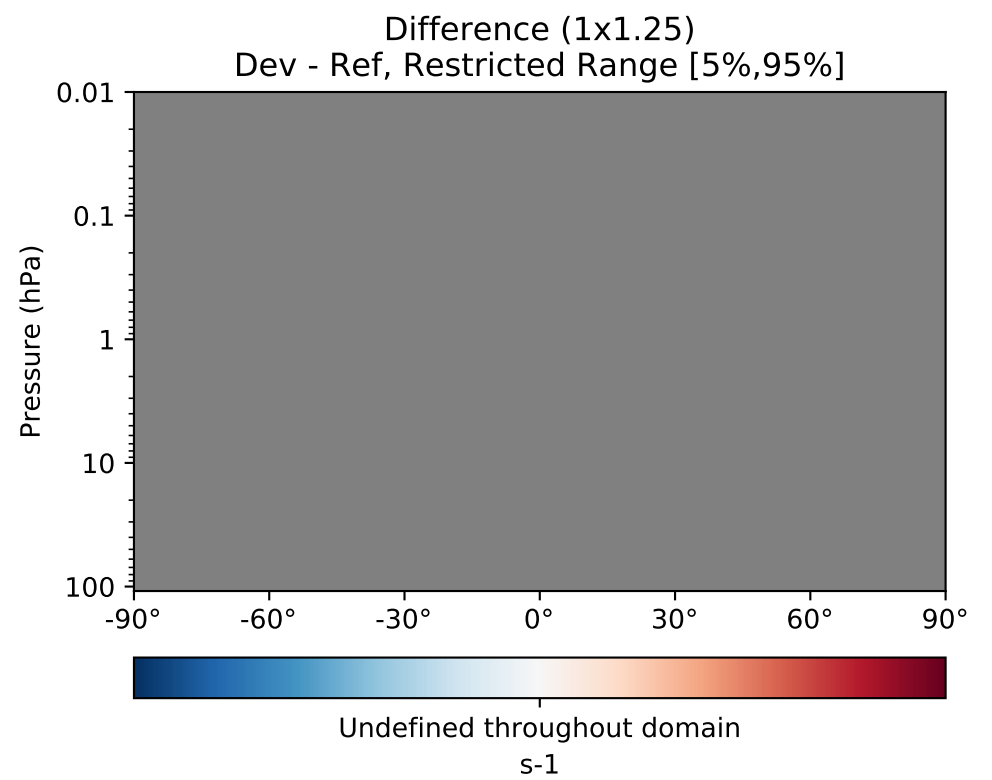
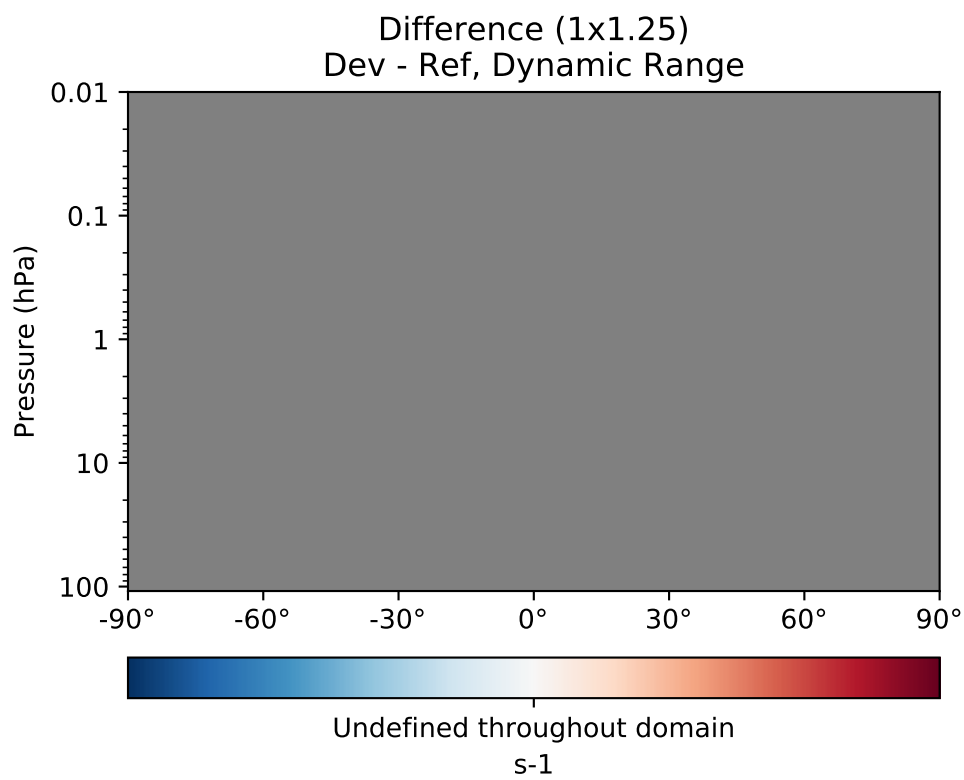
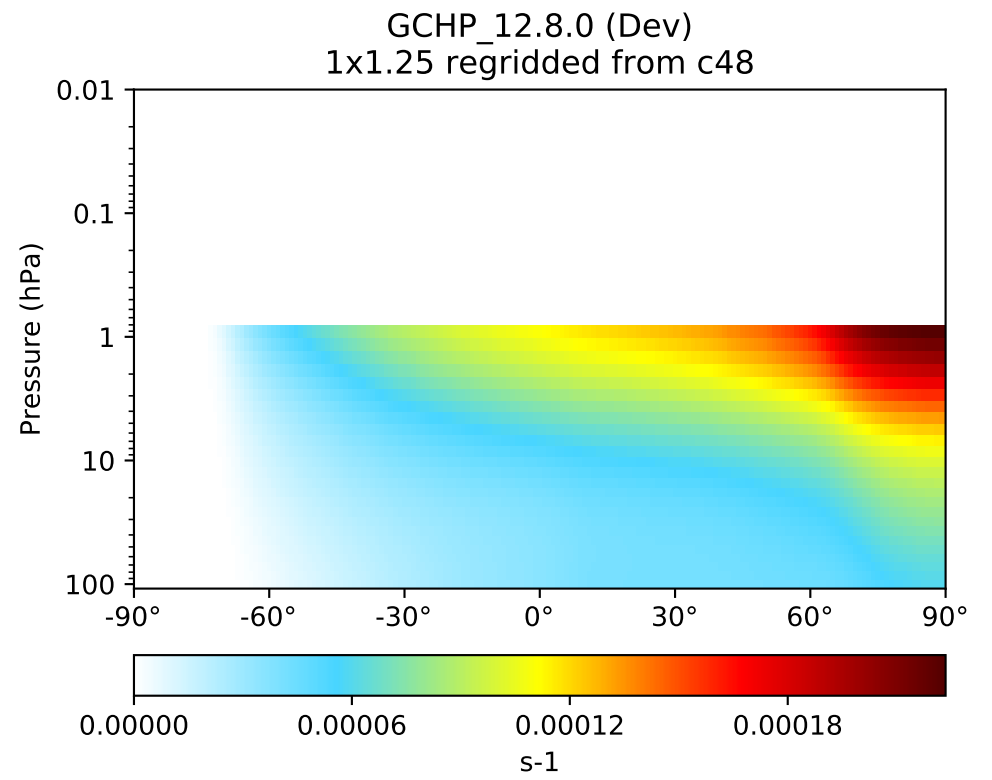
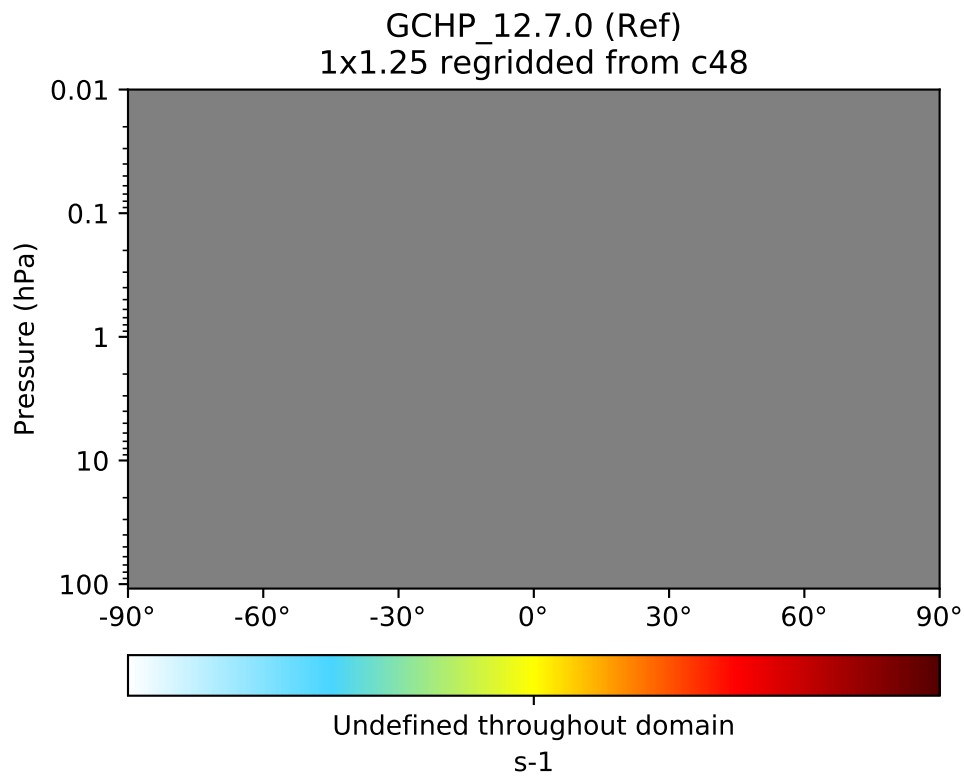
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



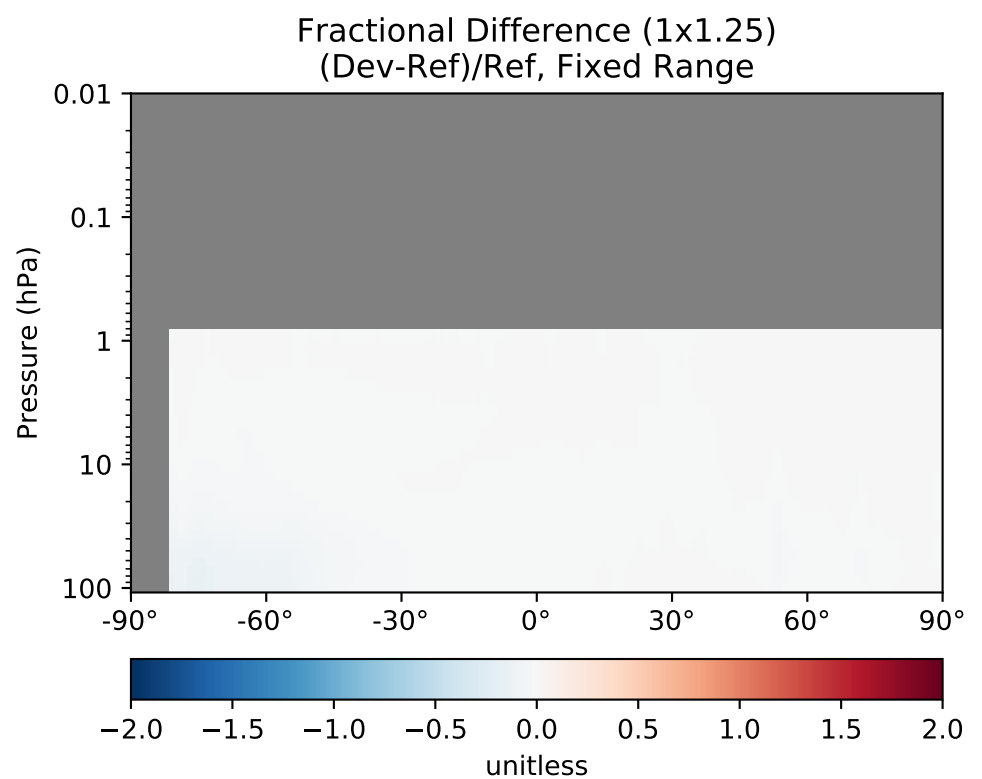
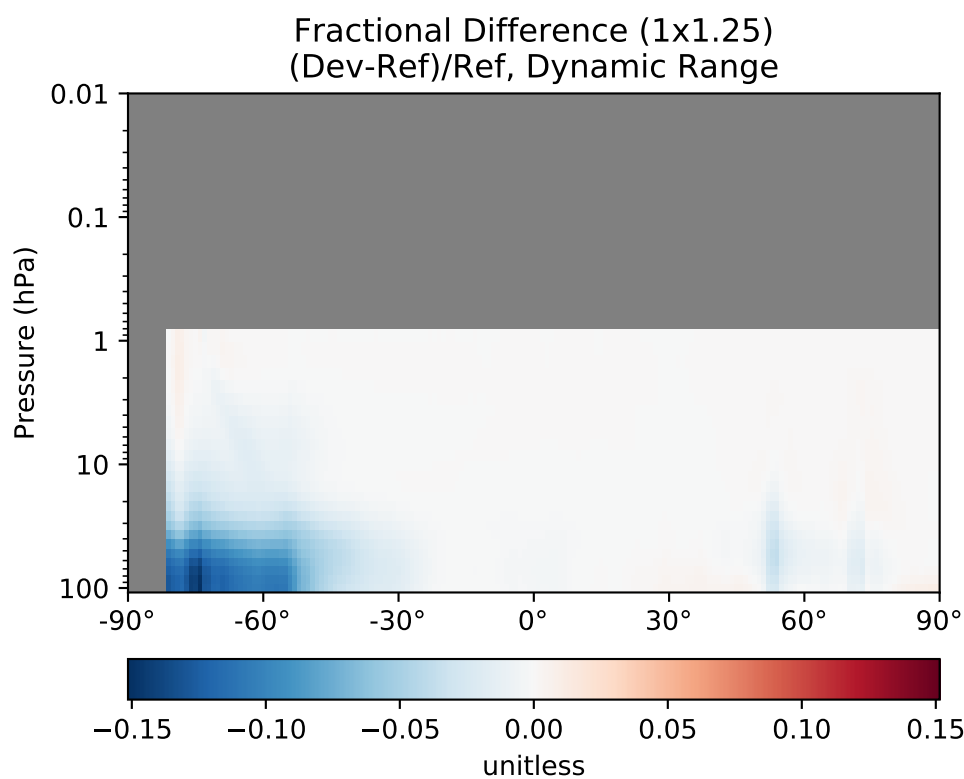
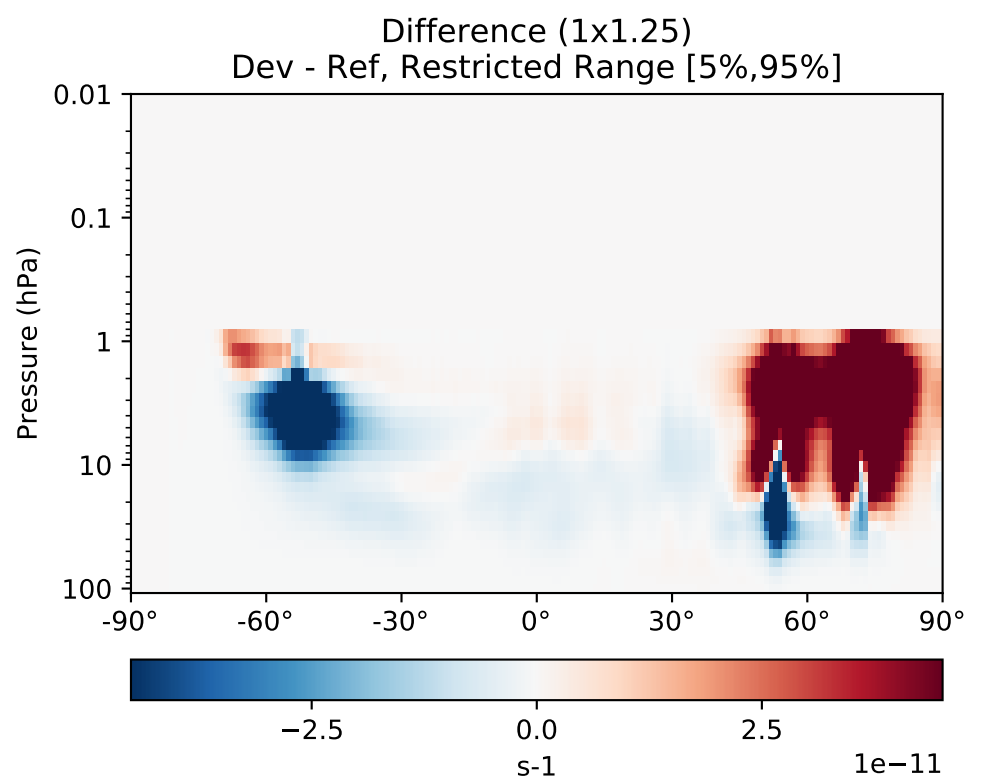
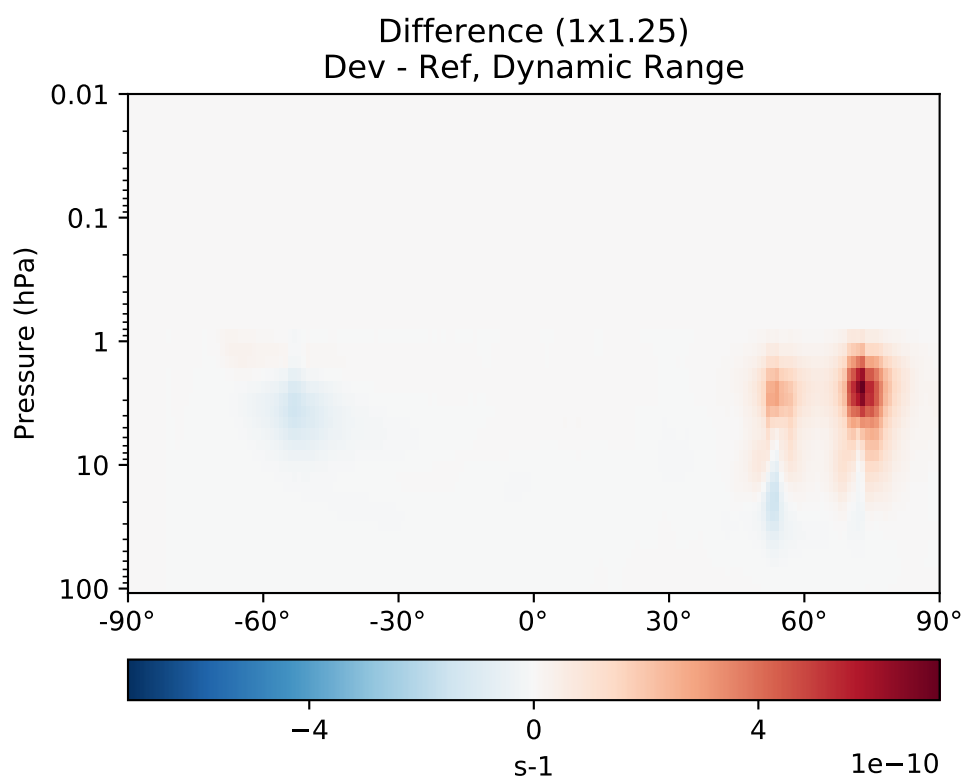
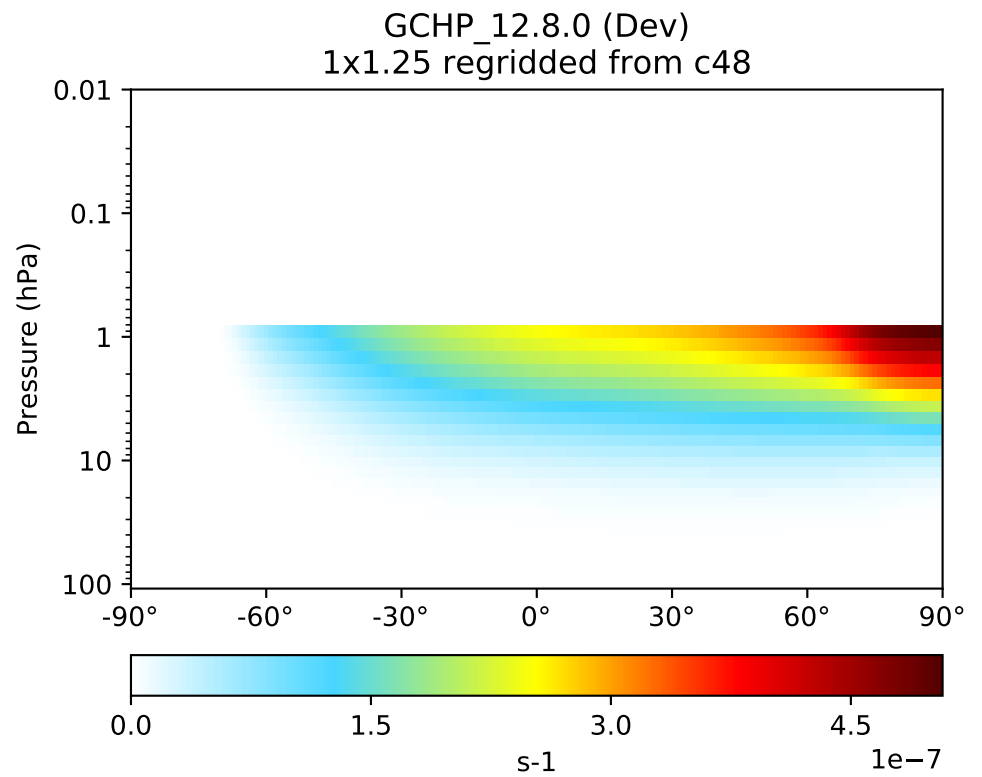
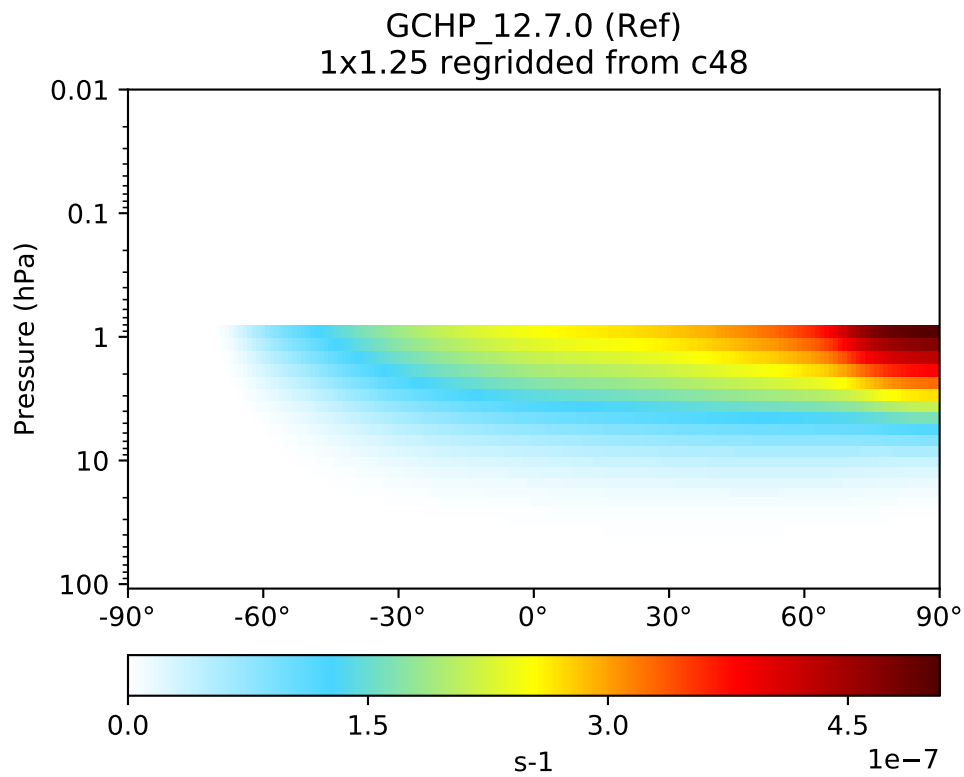
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



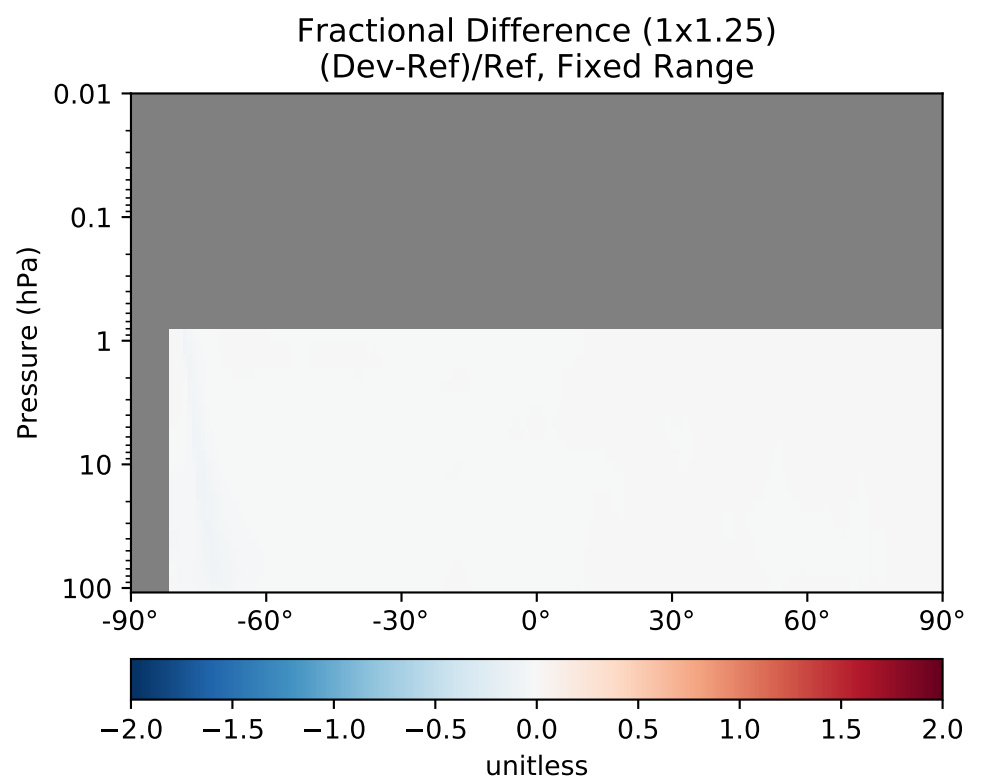
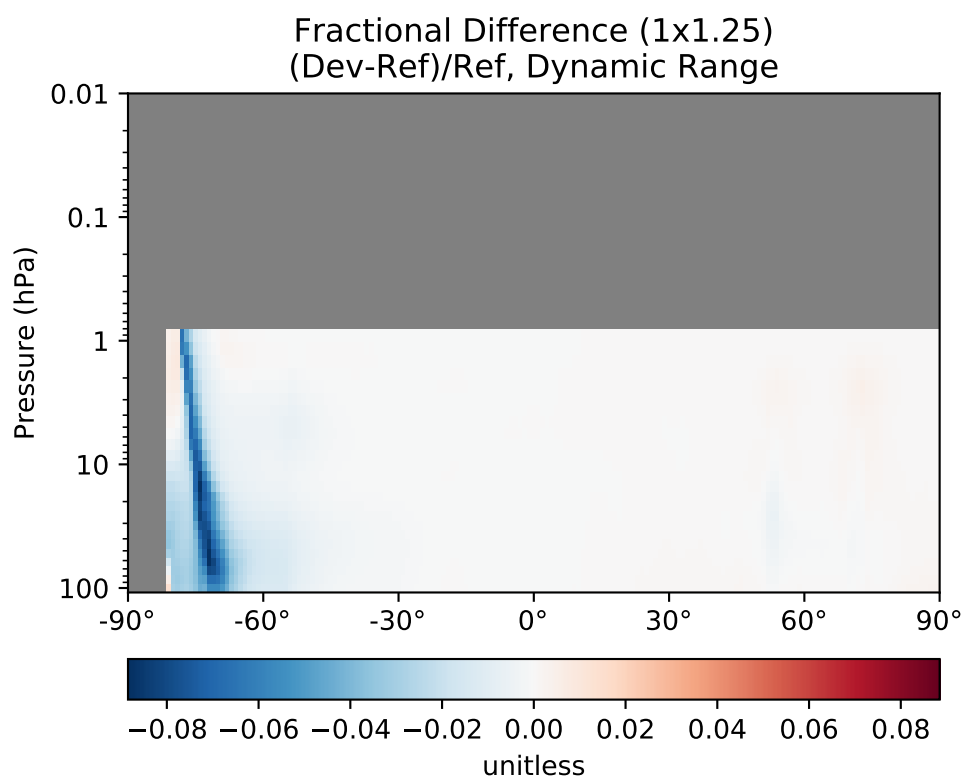
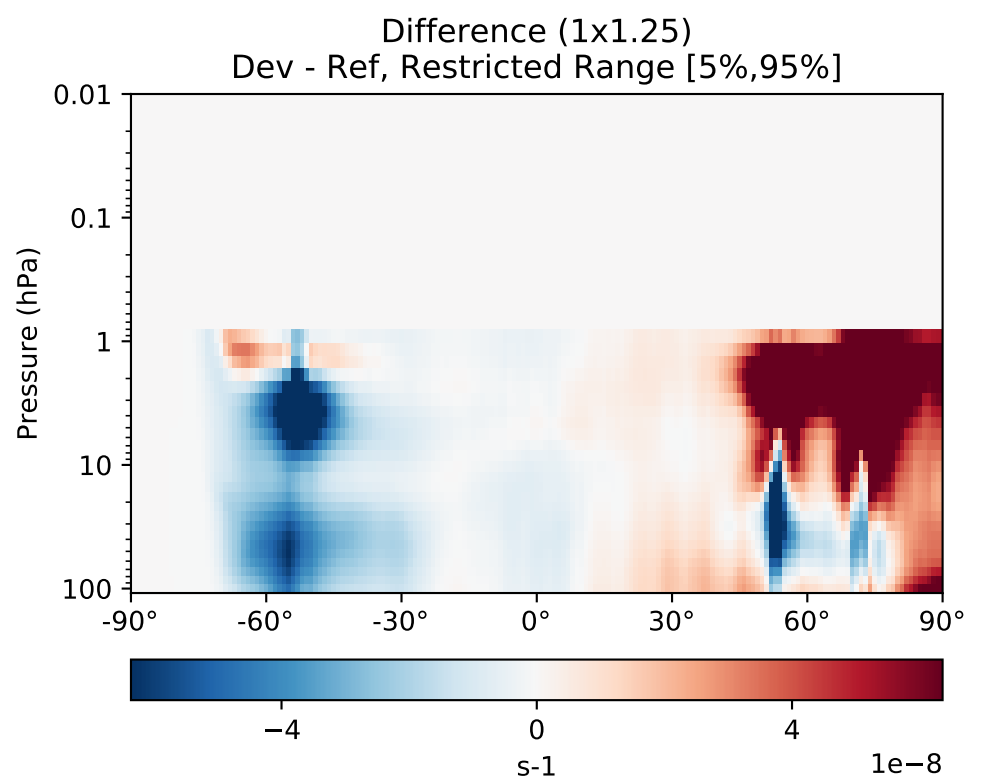
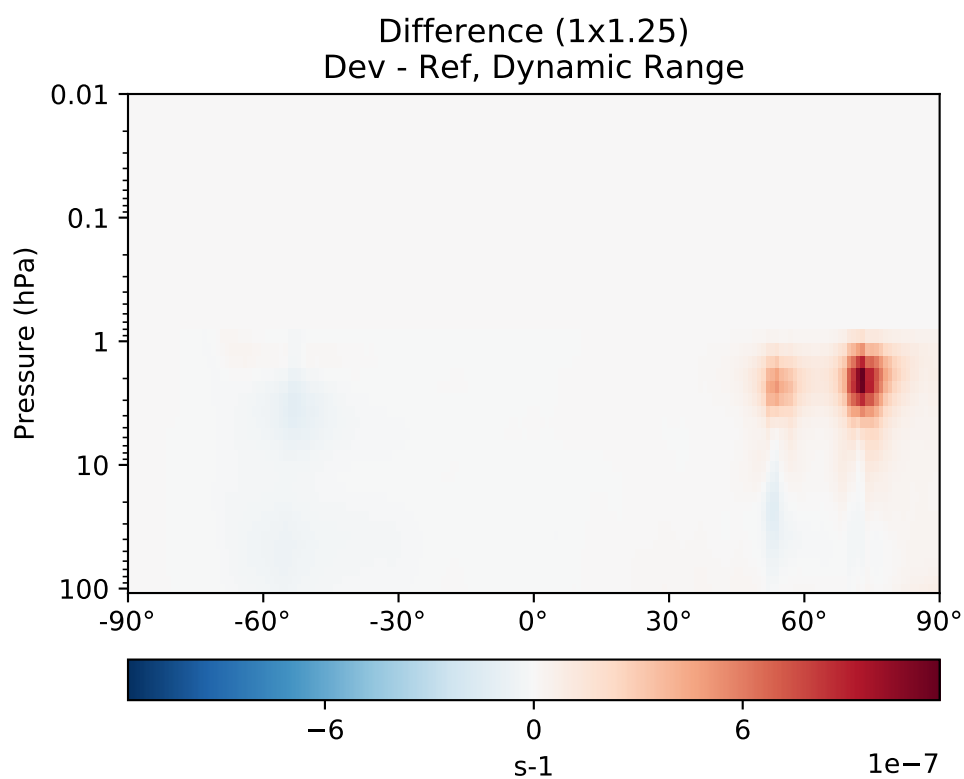
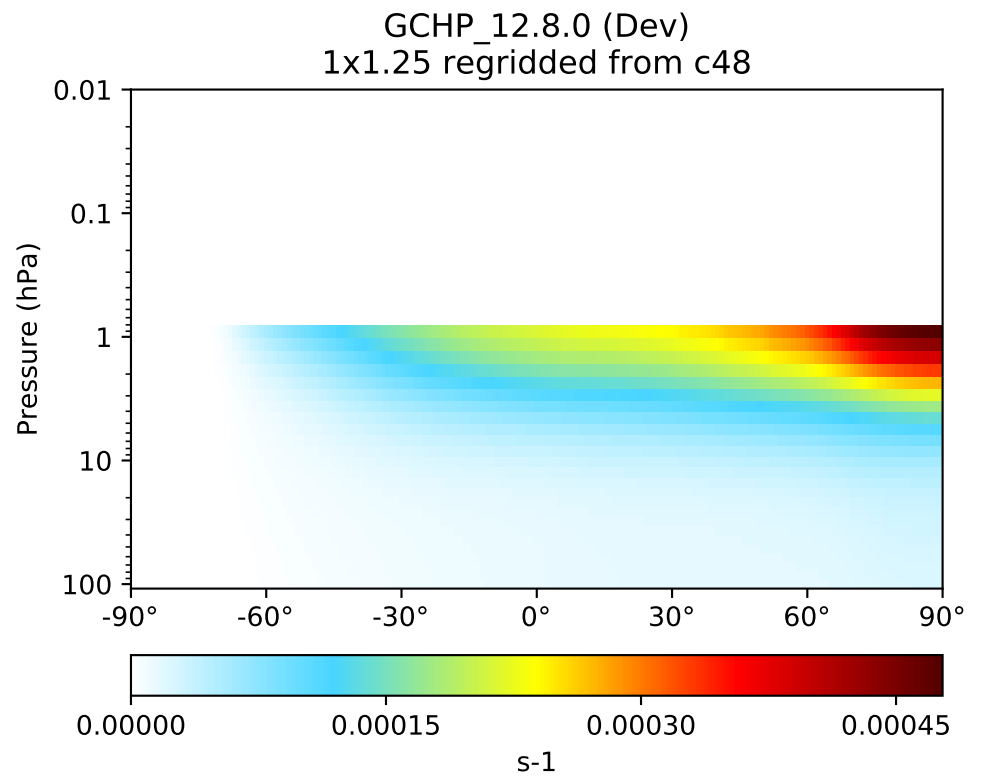
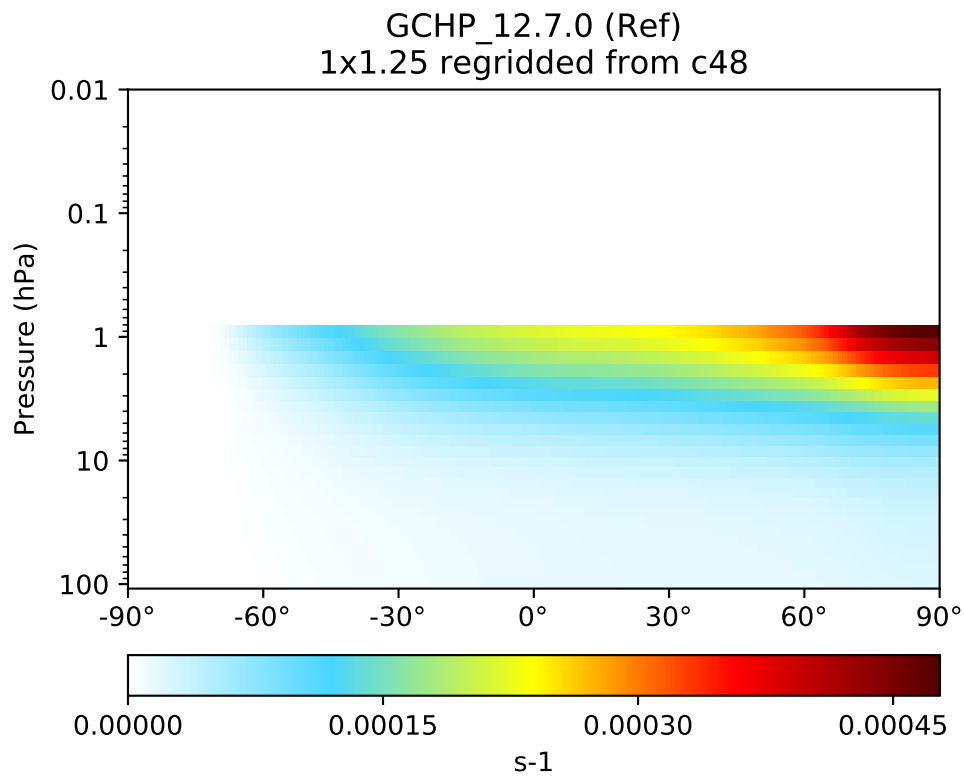
Jval_MVKPC, Zonal Mean



Jval_N2O, Zonal Mean

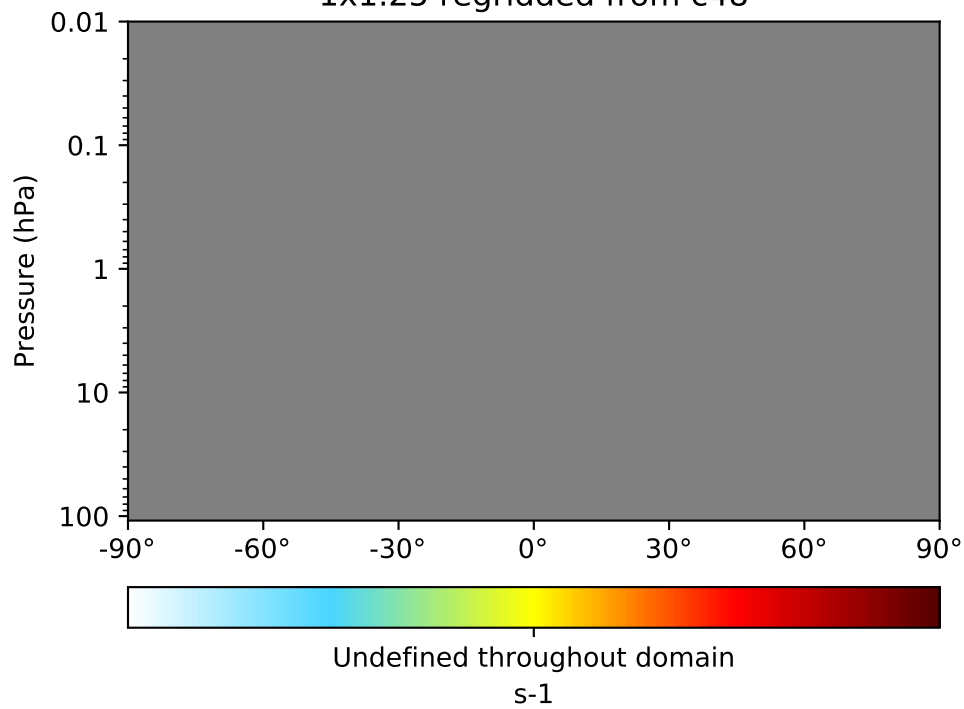


Jval_N205, Zonal Mean

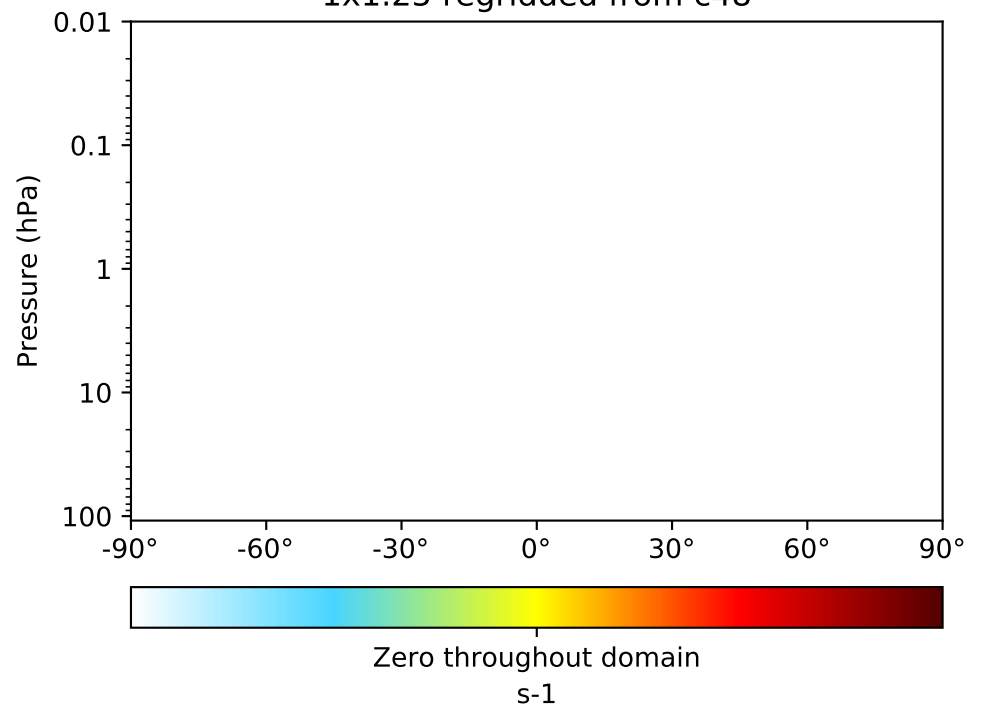


Jval_NIT, Zonal Mean

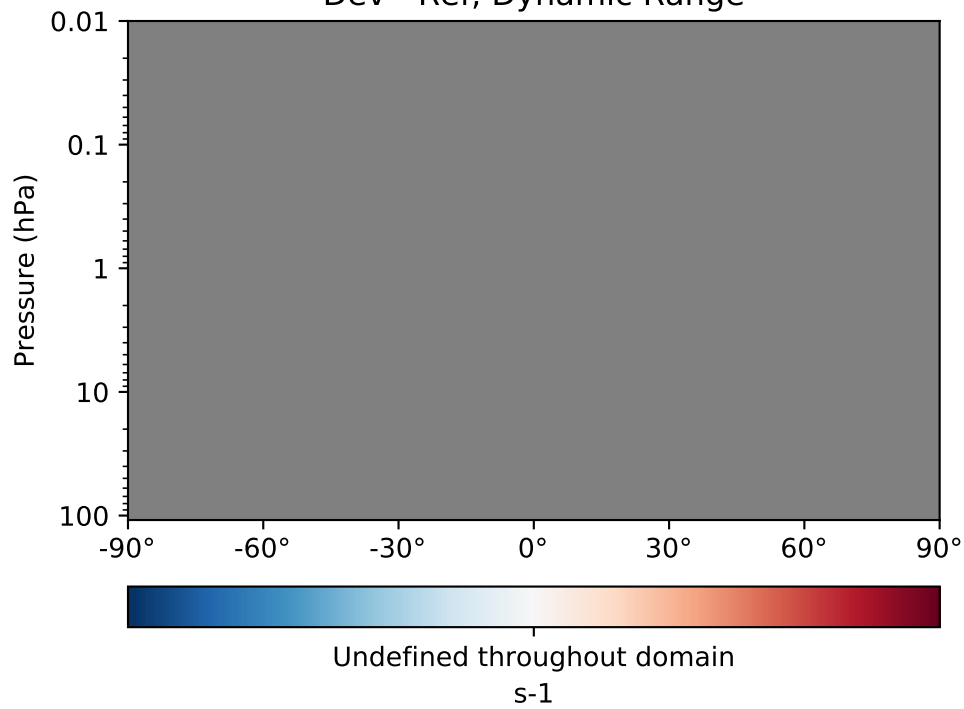
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



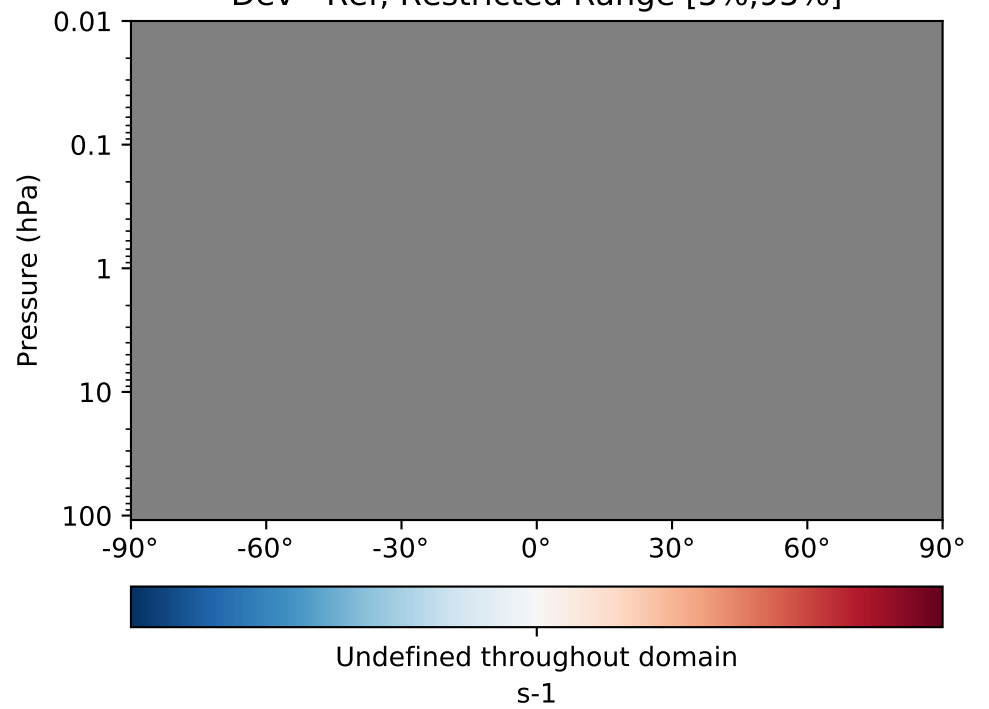
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



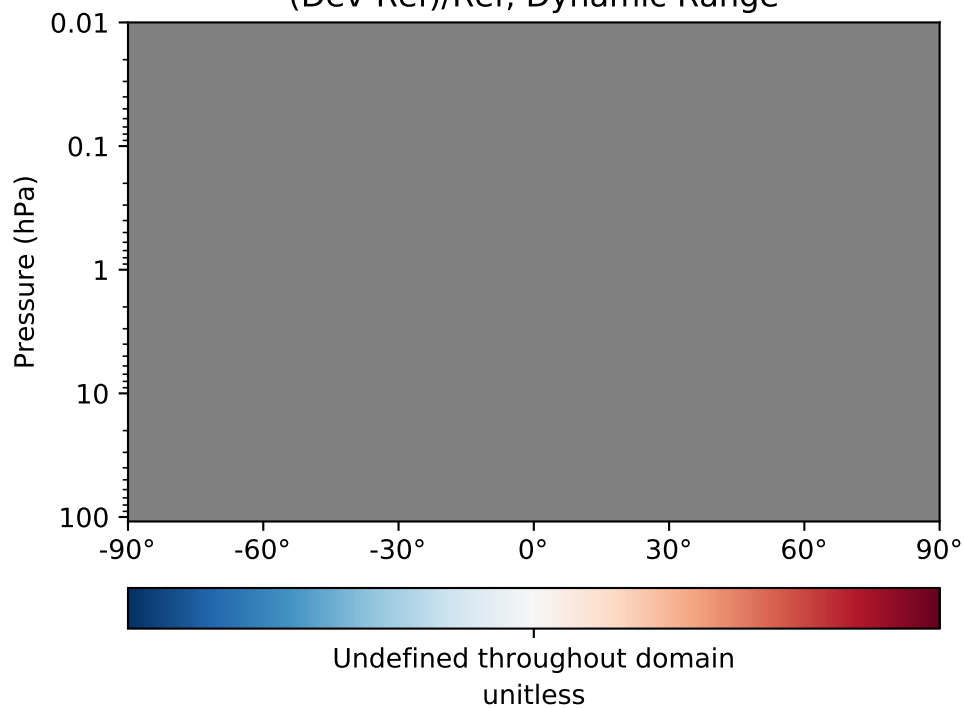
Difference (1x1.25)
Dev - Ref, Dynamic Range



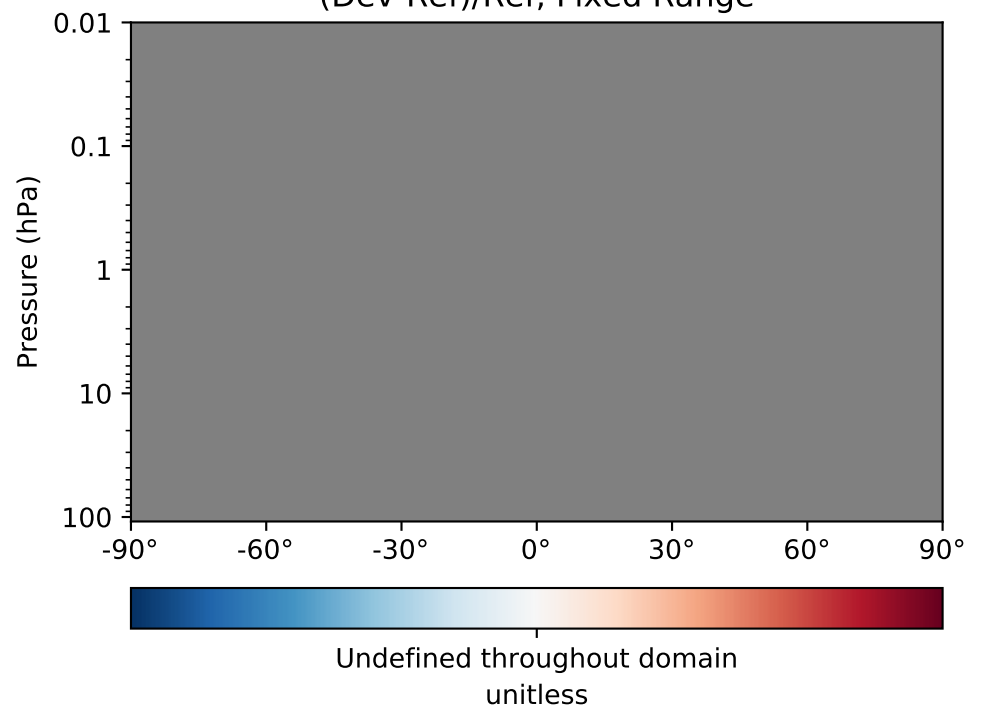
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

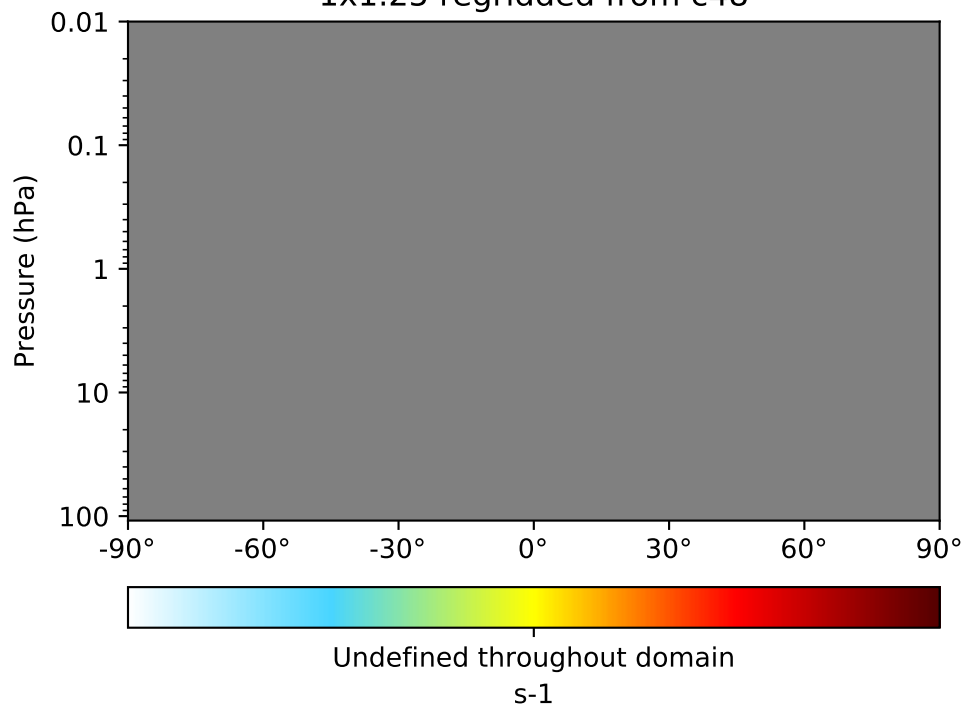


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

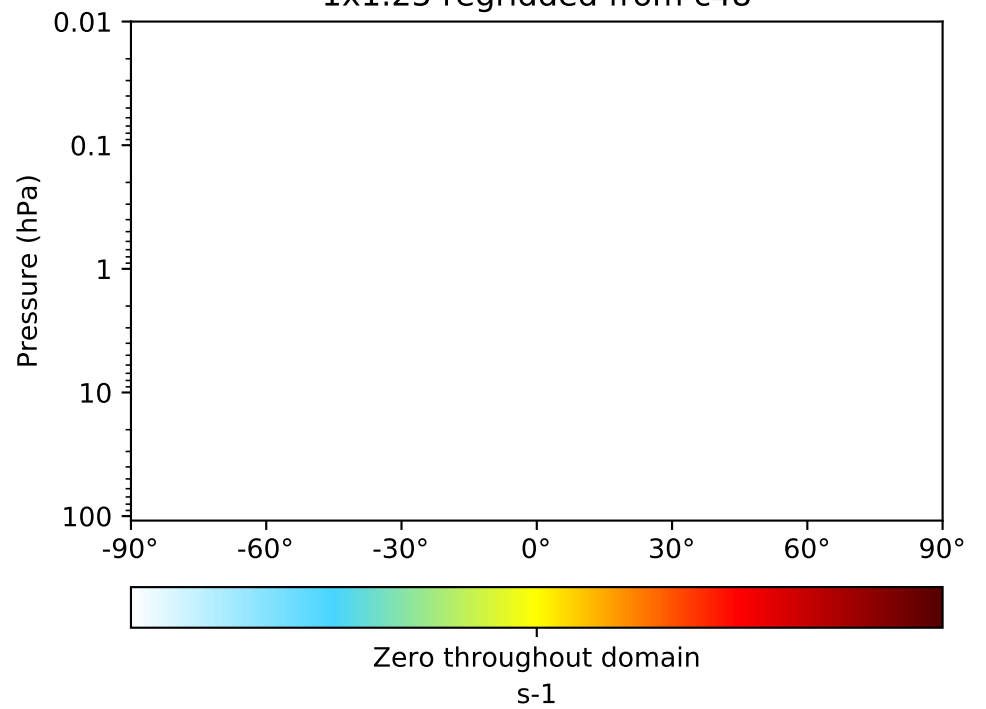


Jval_NITS, Zonal Mean

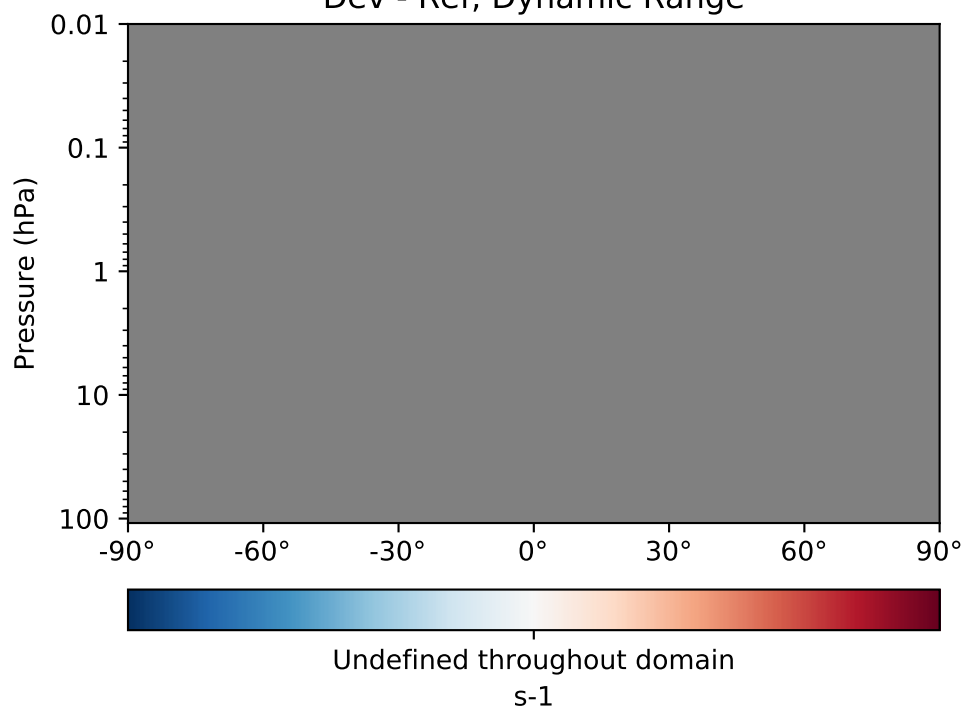
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



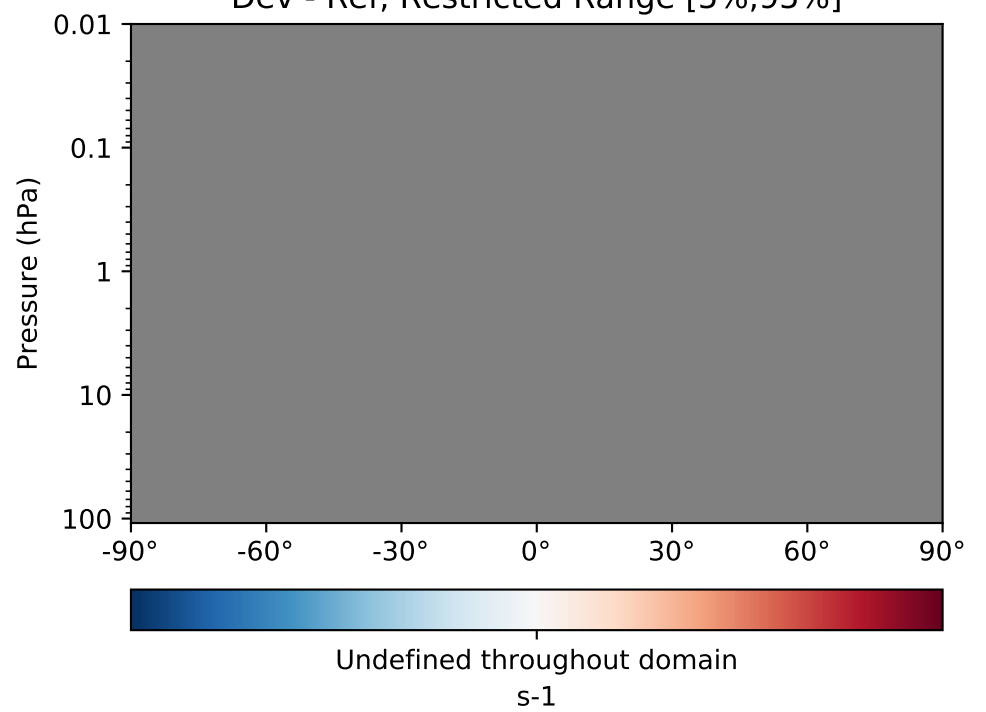
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



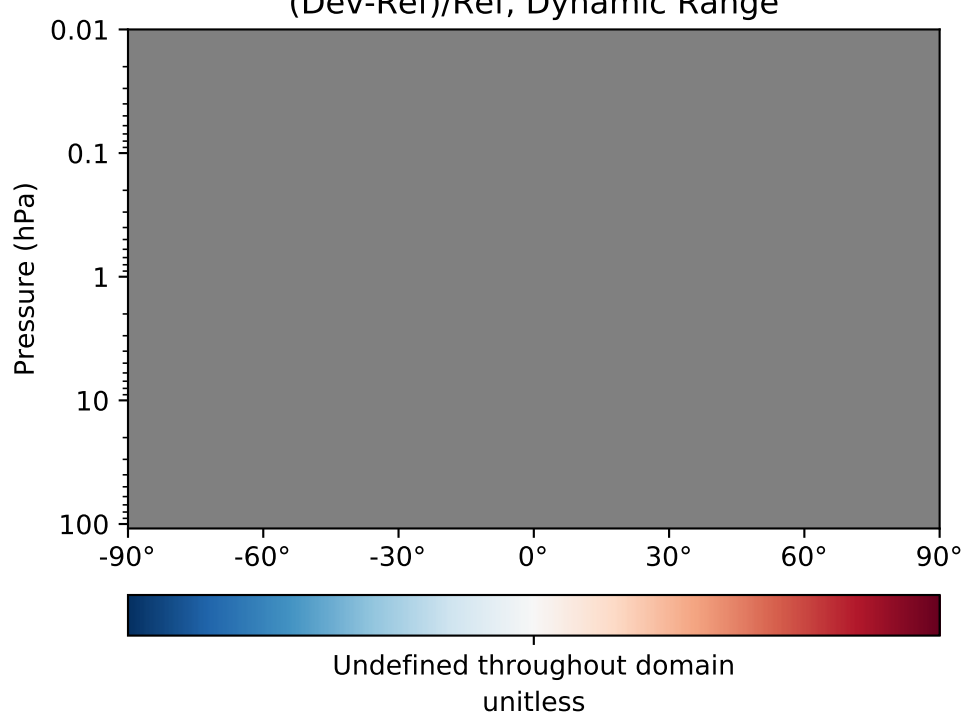
Difference (1x1.25)
Dev - Ref, Dynamic Range



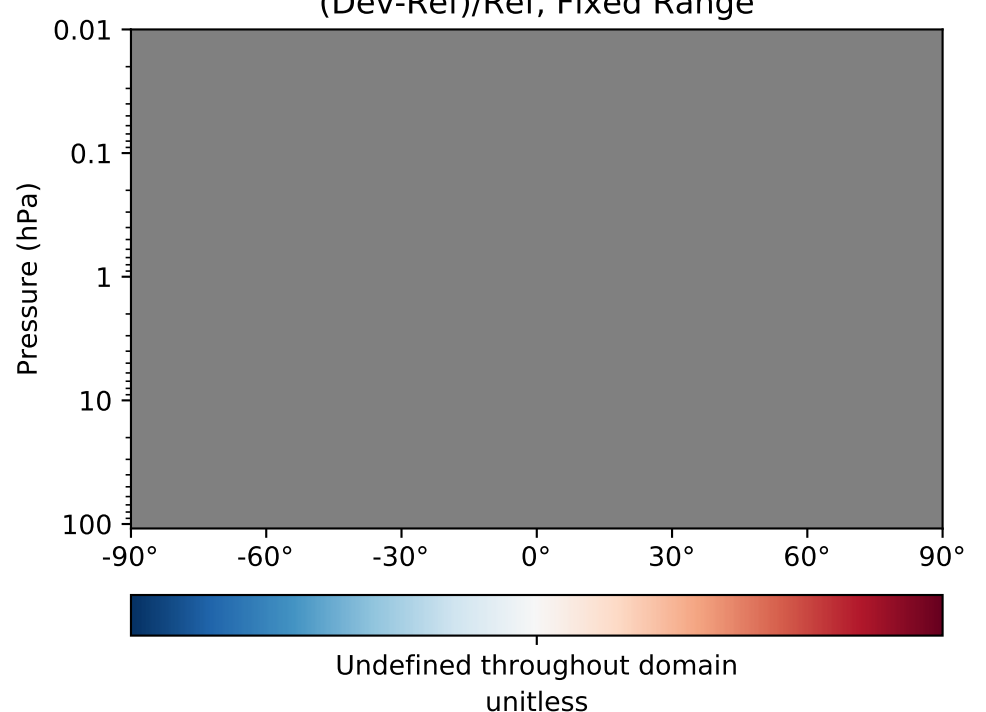
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



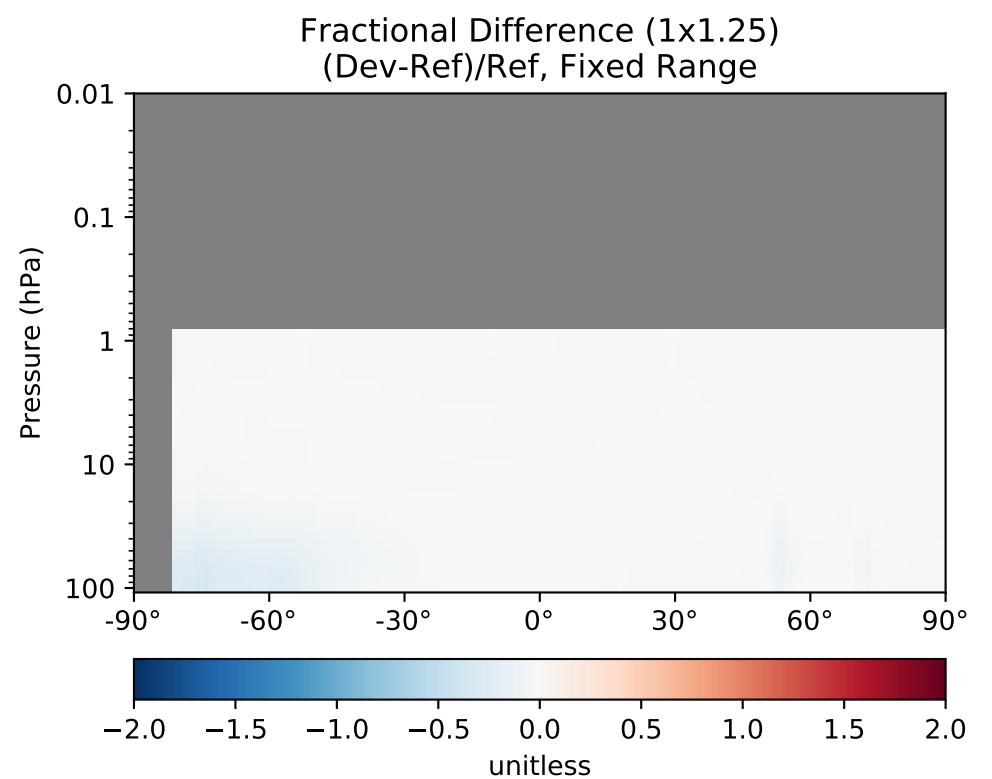
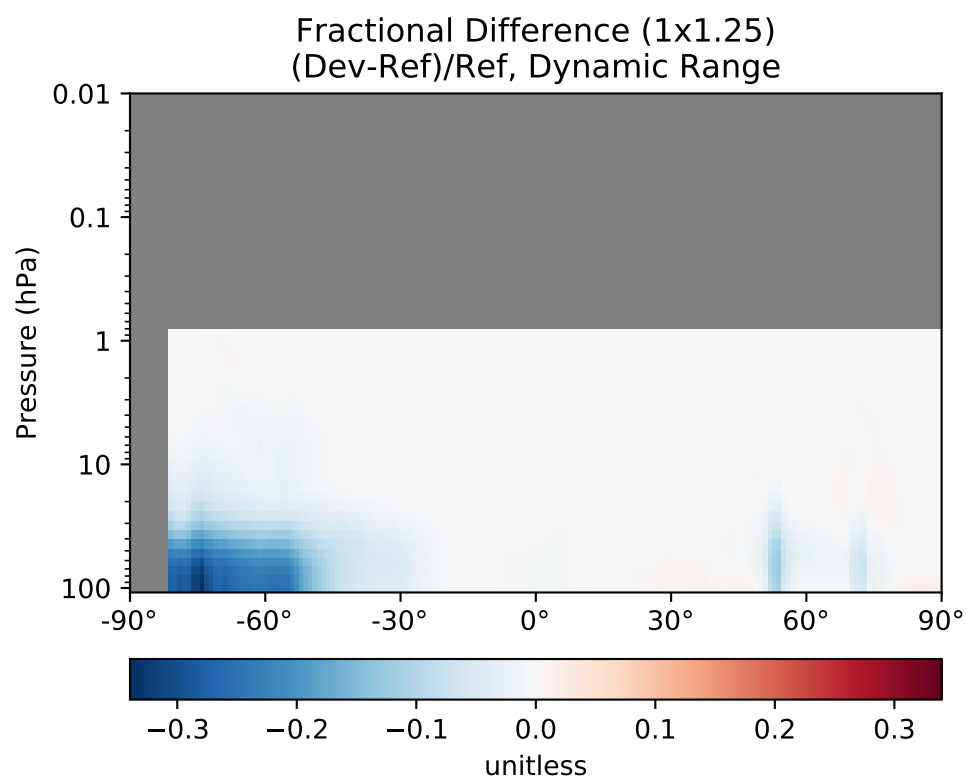
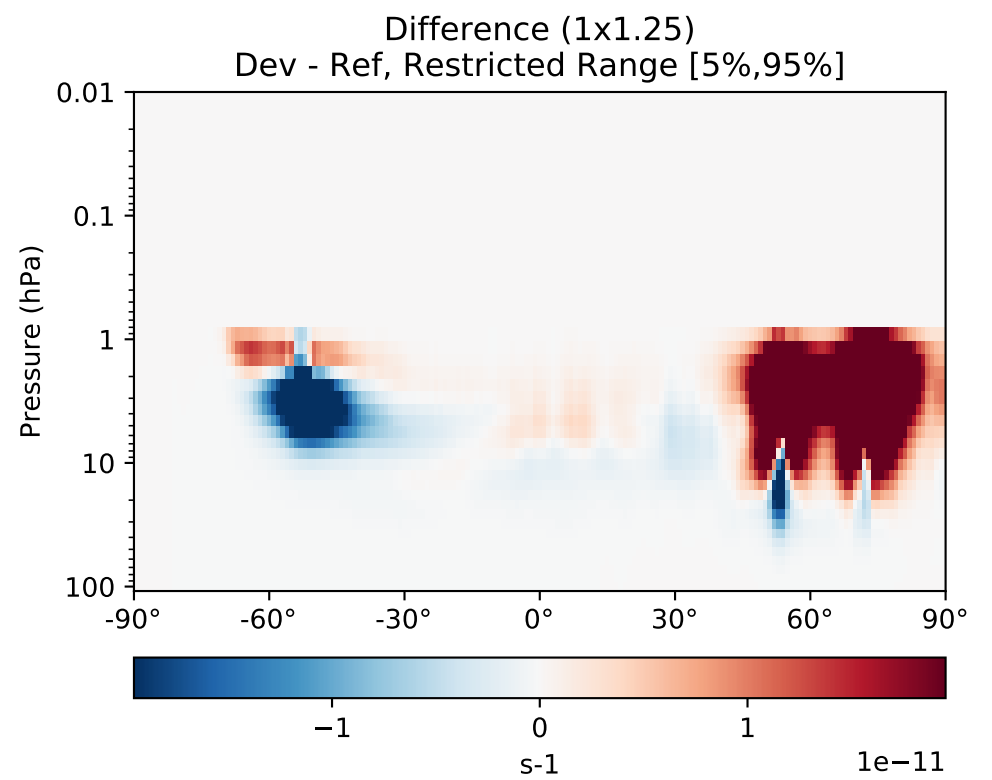
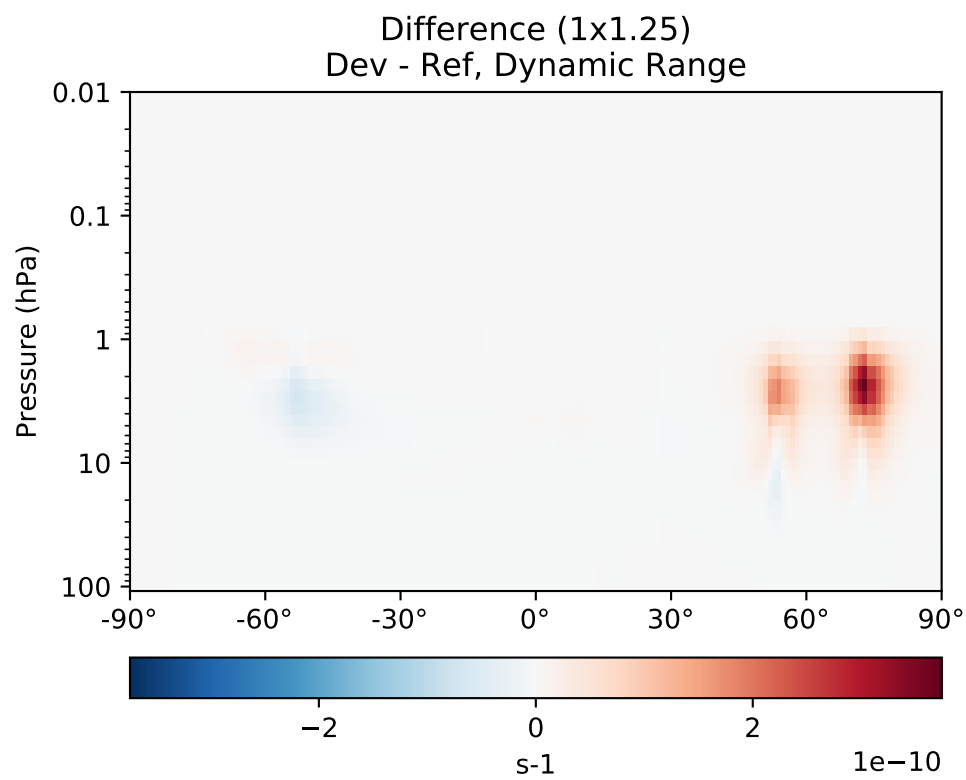
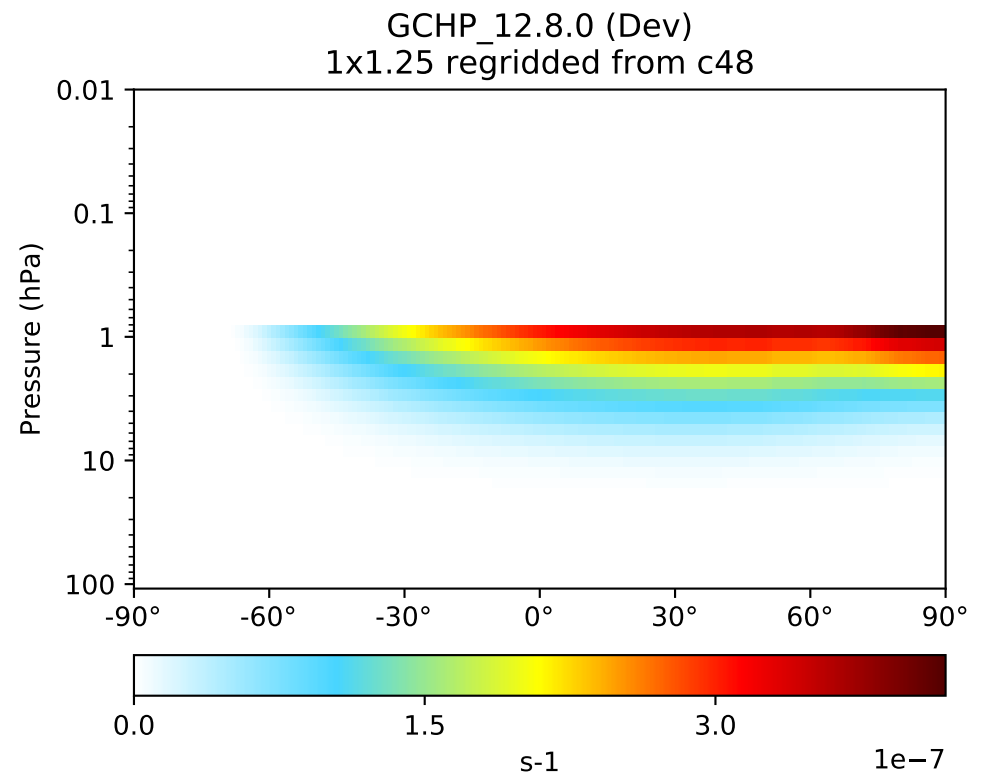
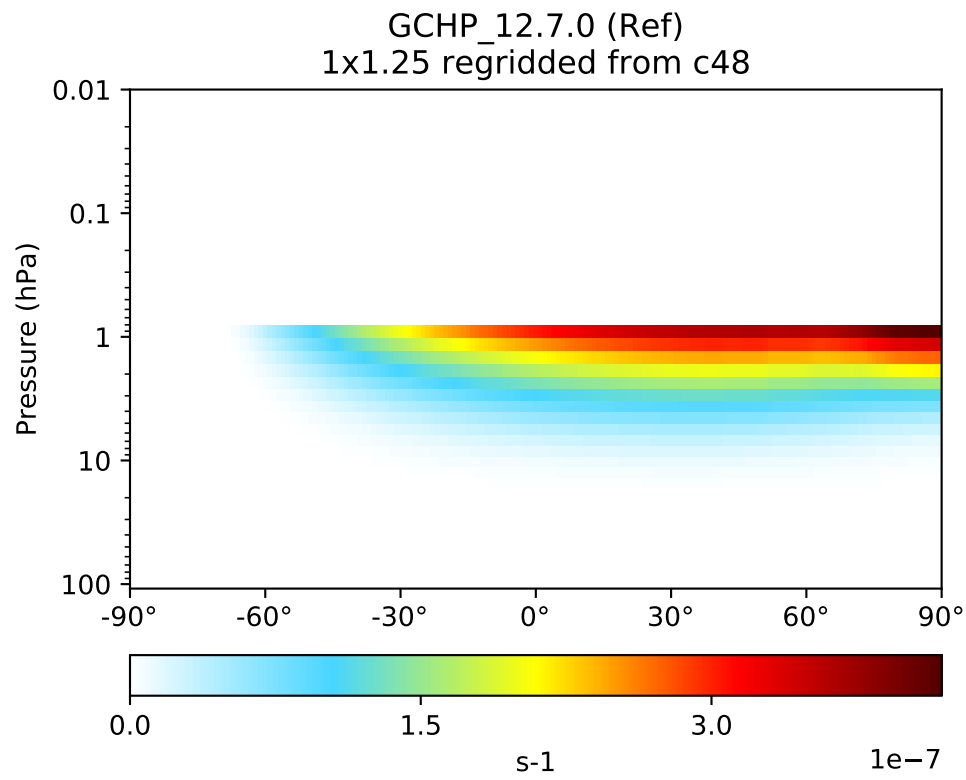
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

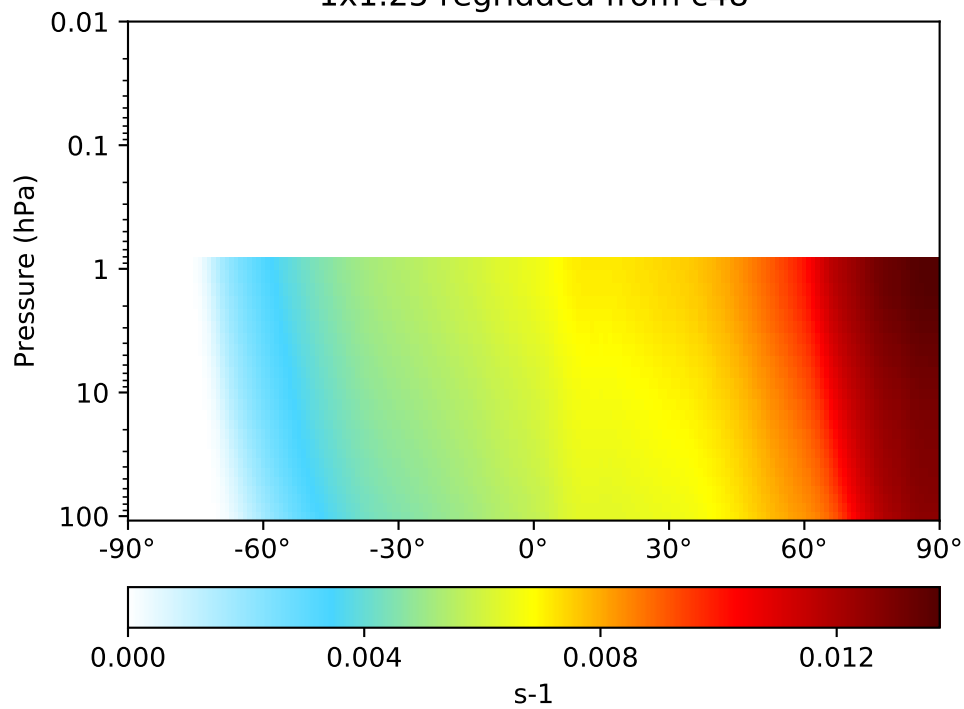


Jval_NO, Zonal Mean

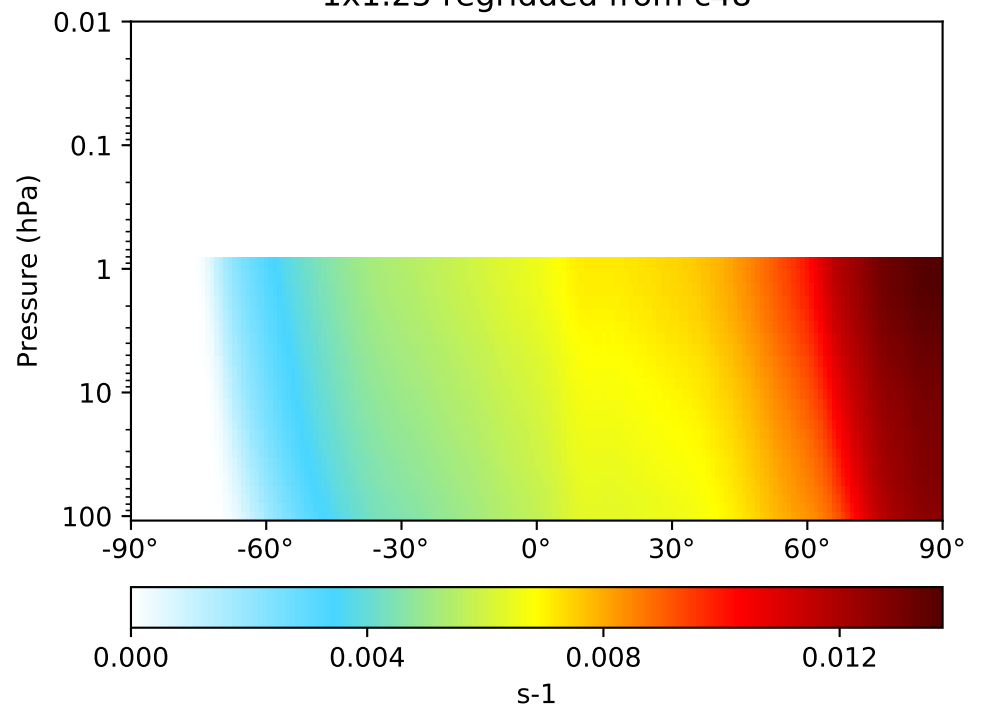


Jval_NO2, Zonal Mean

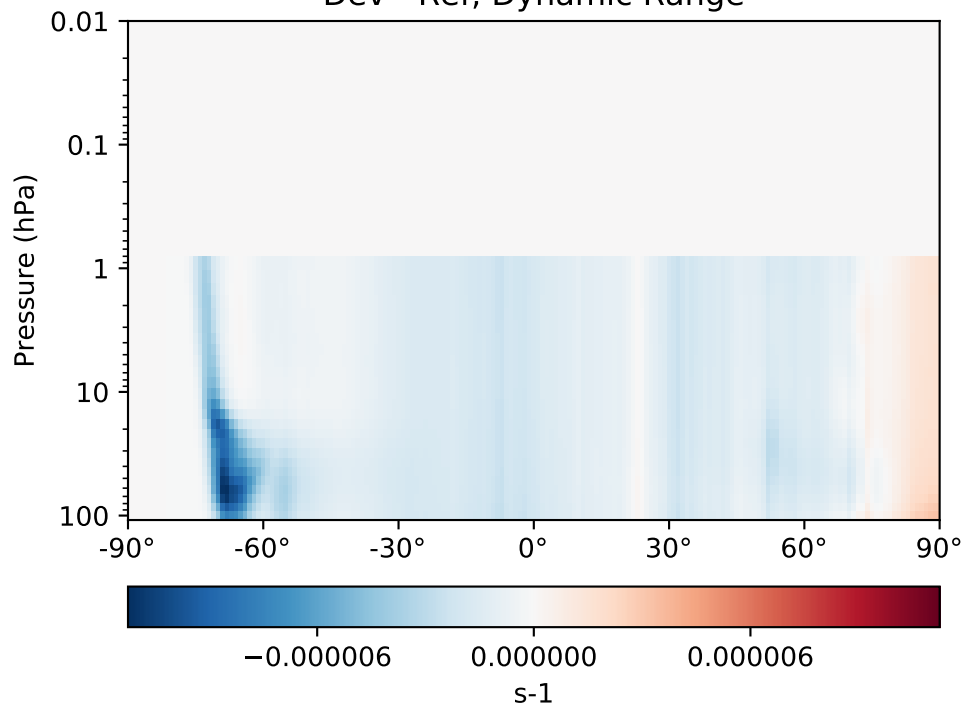
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



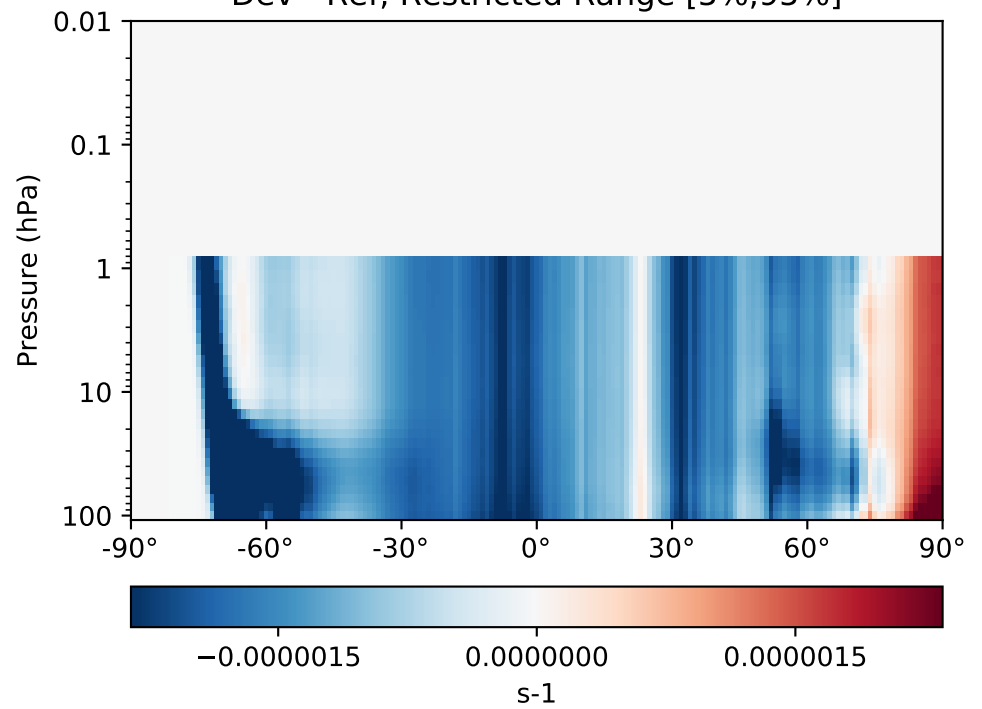
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



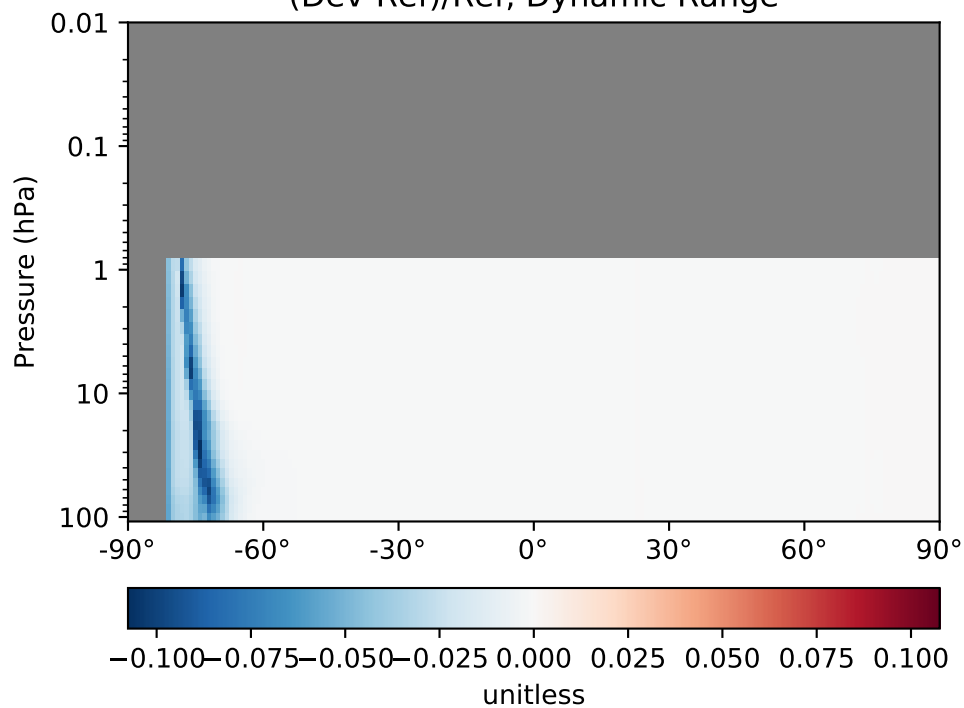
Difference (1x1.25)
Dev - Ref, Dynamic Range



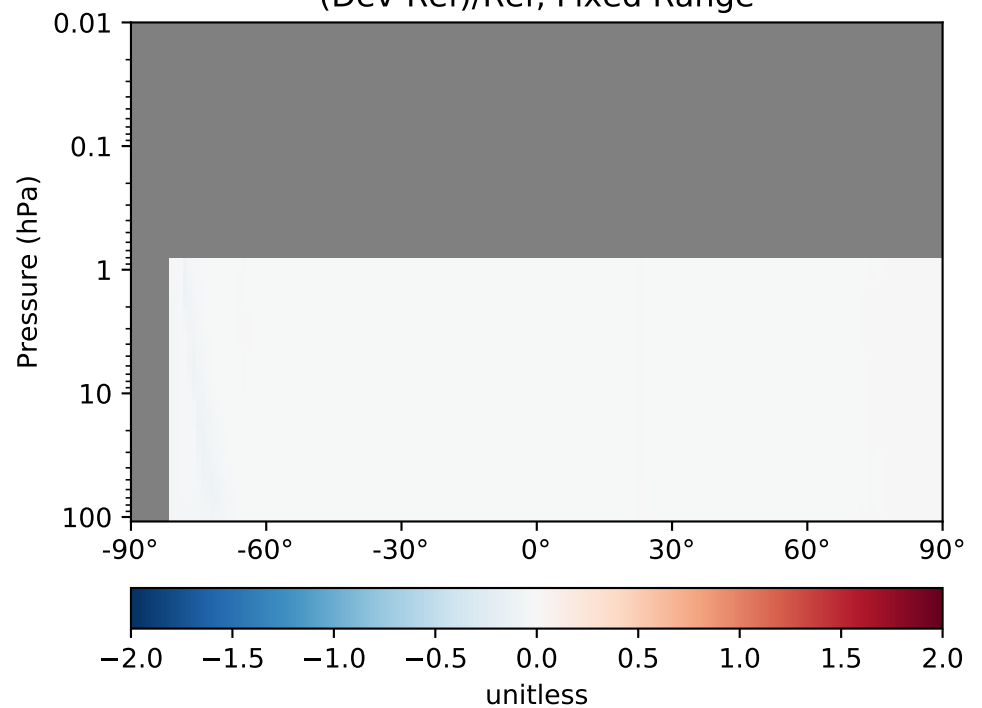
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



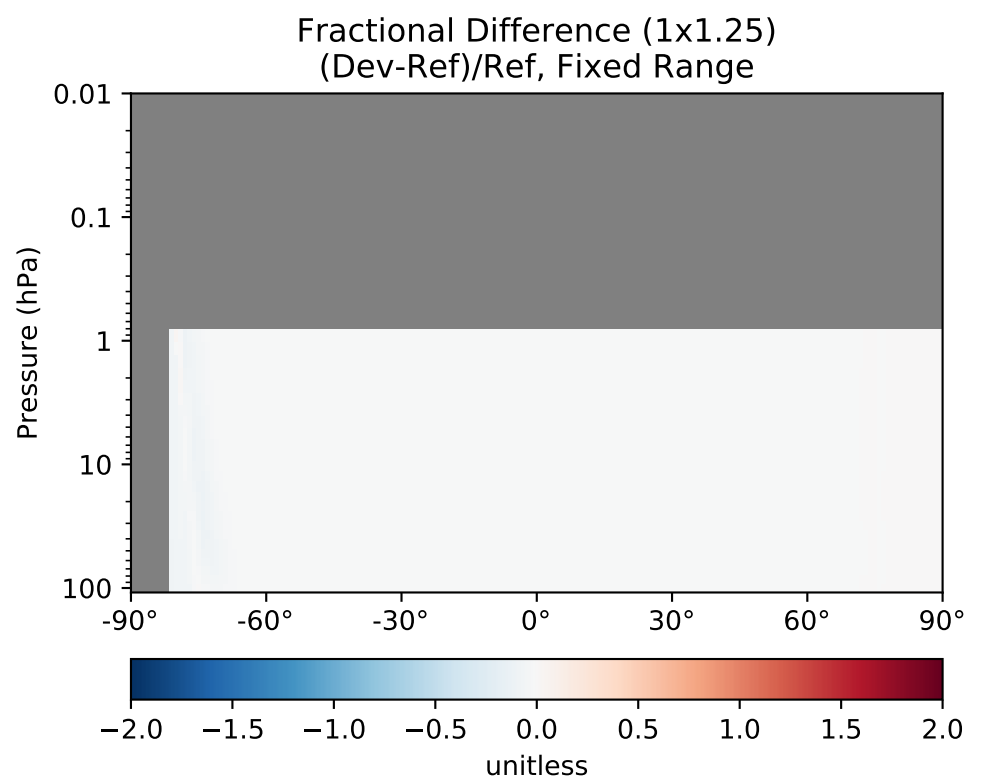
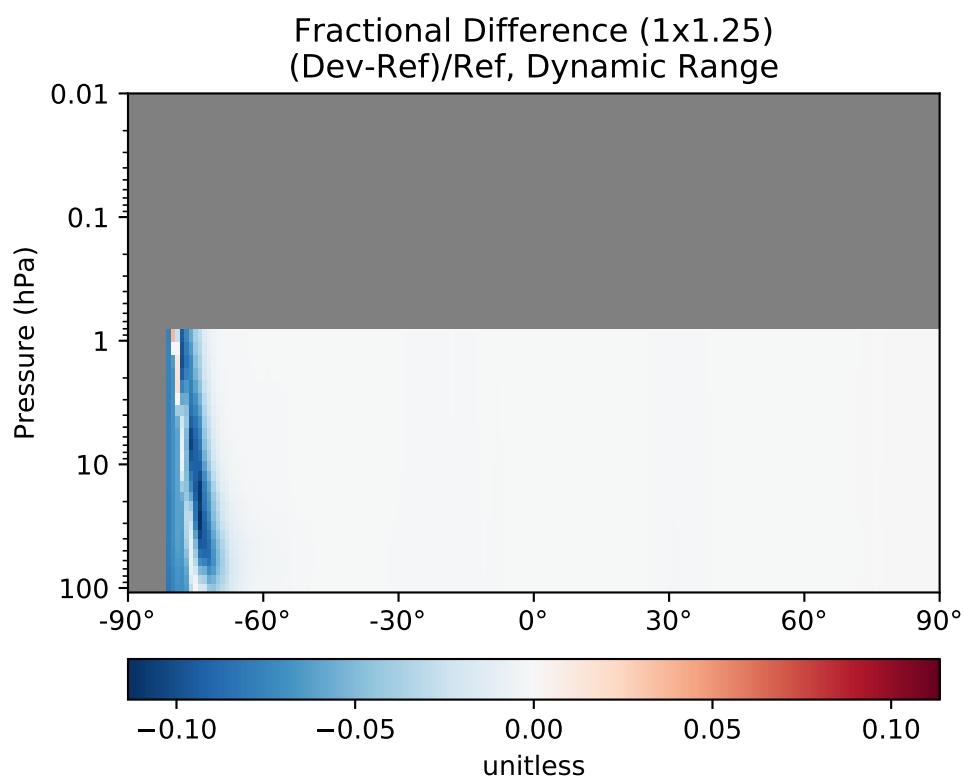
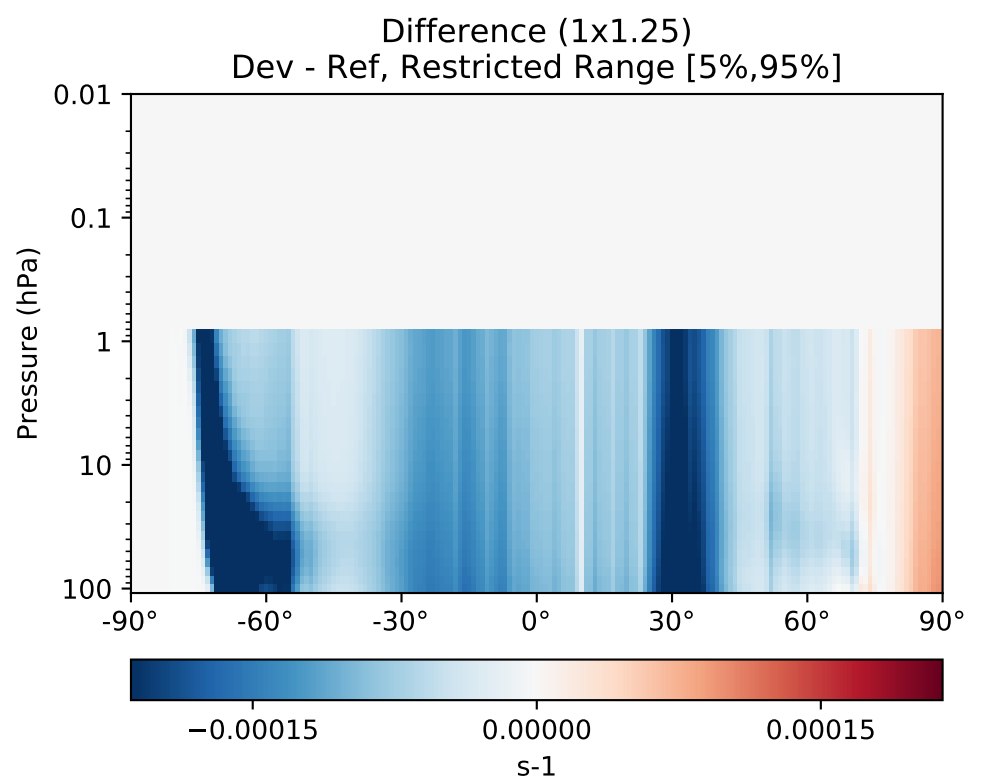
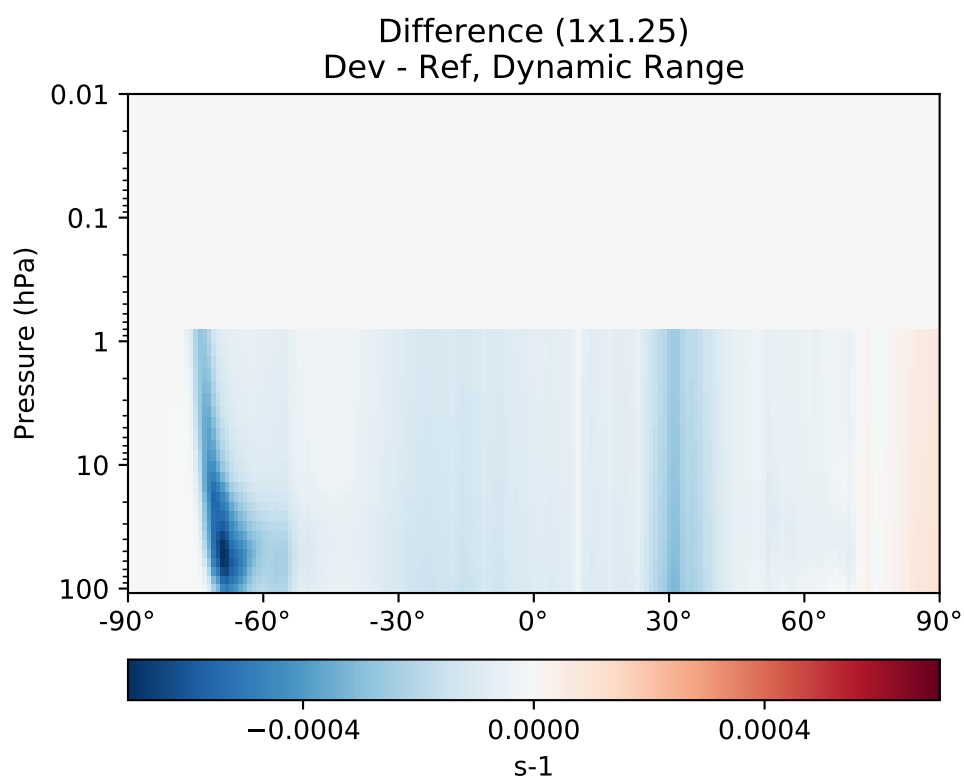
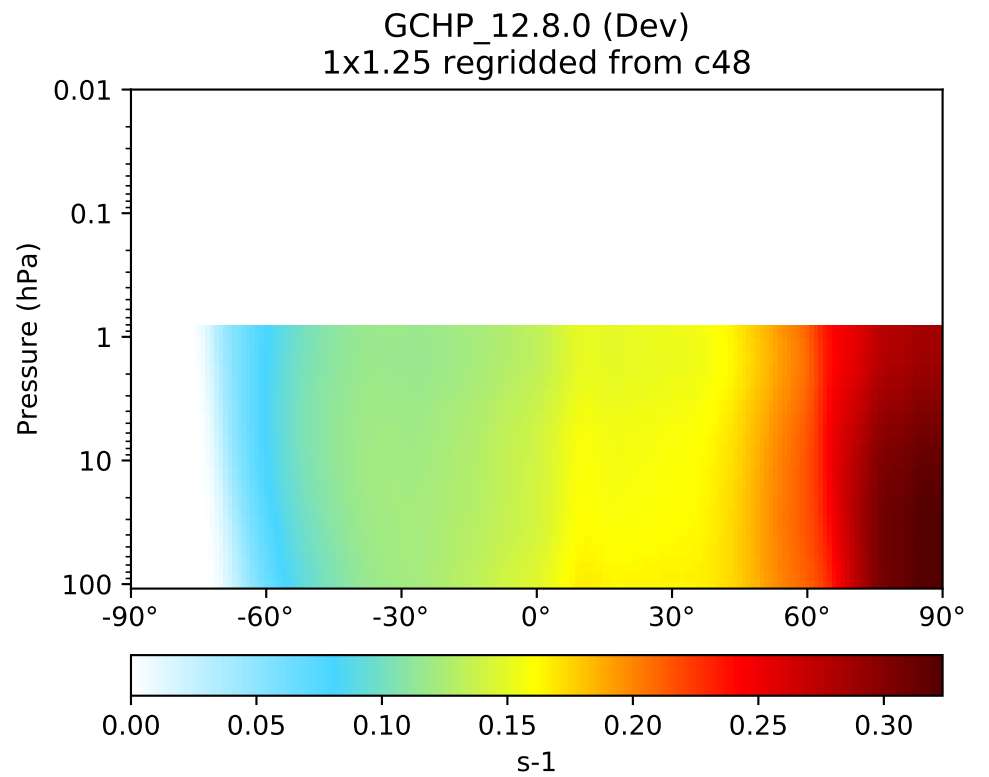
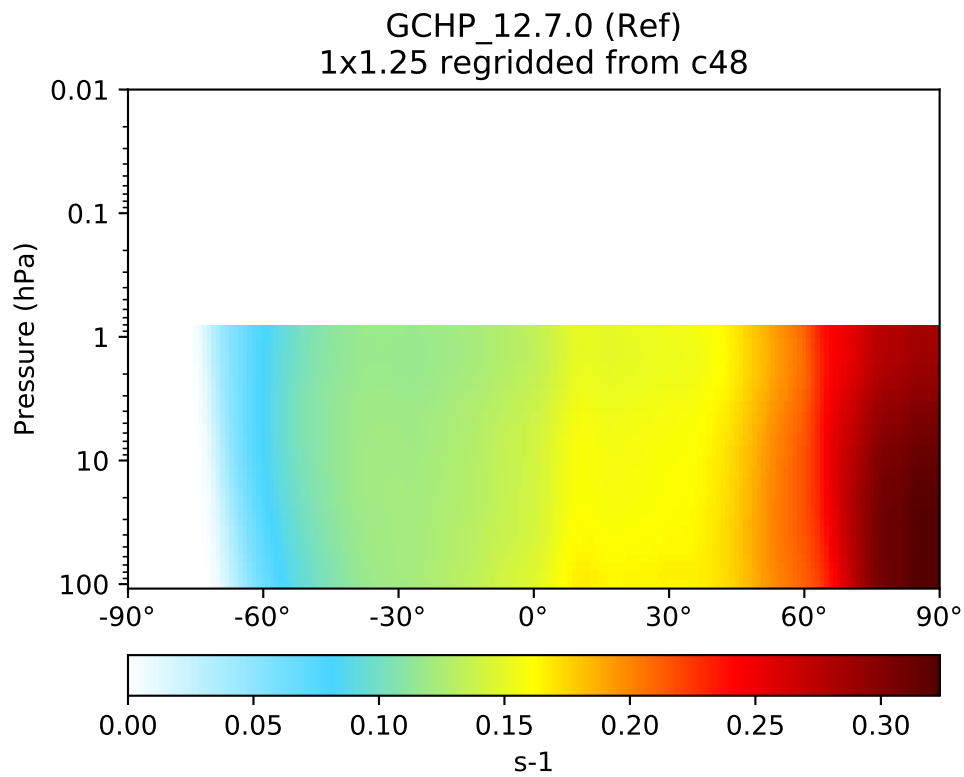
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



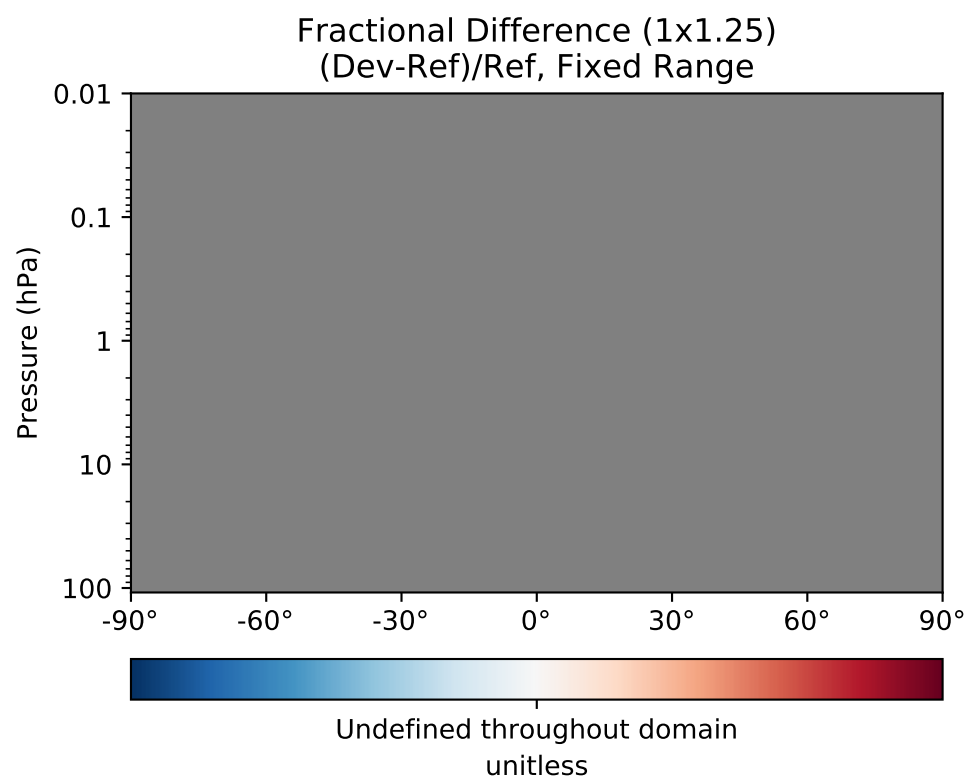
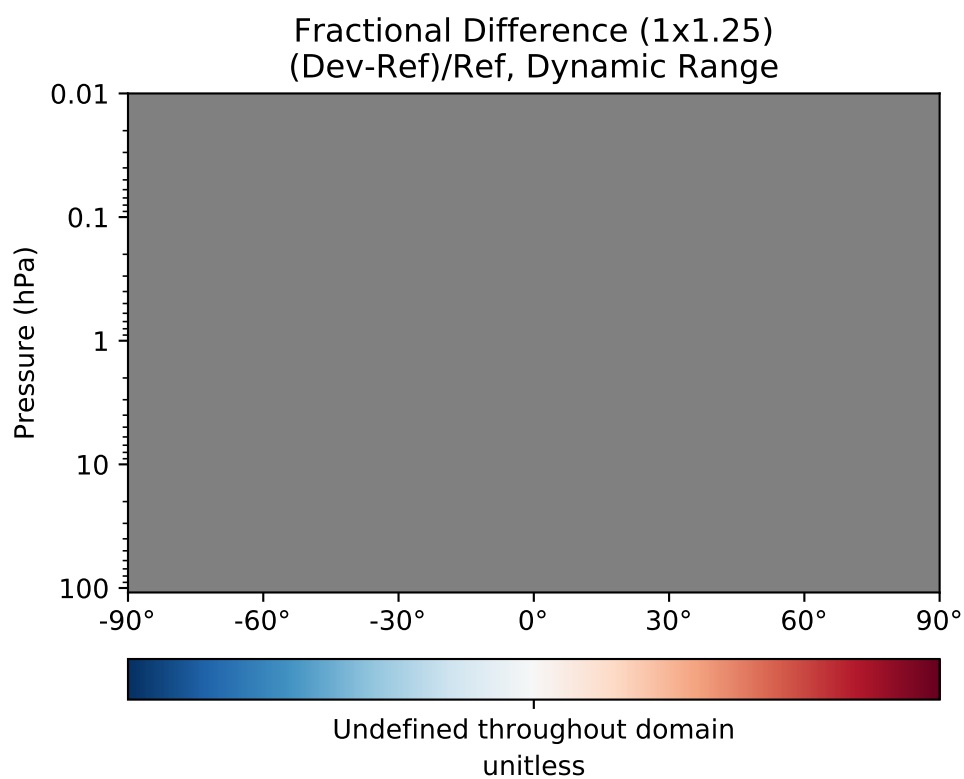
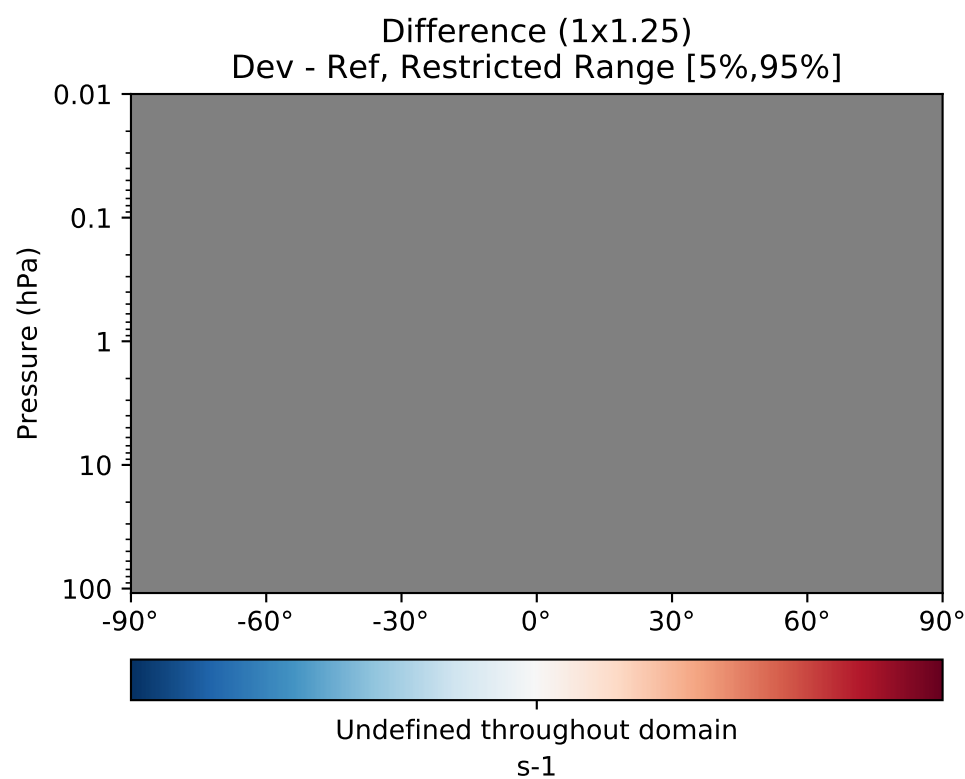
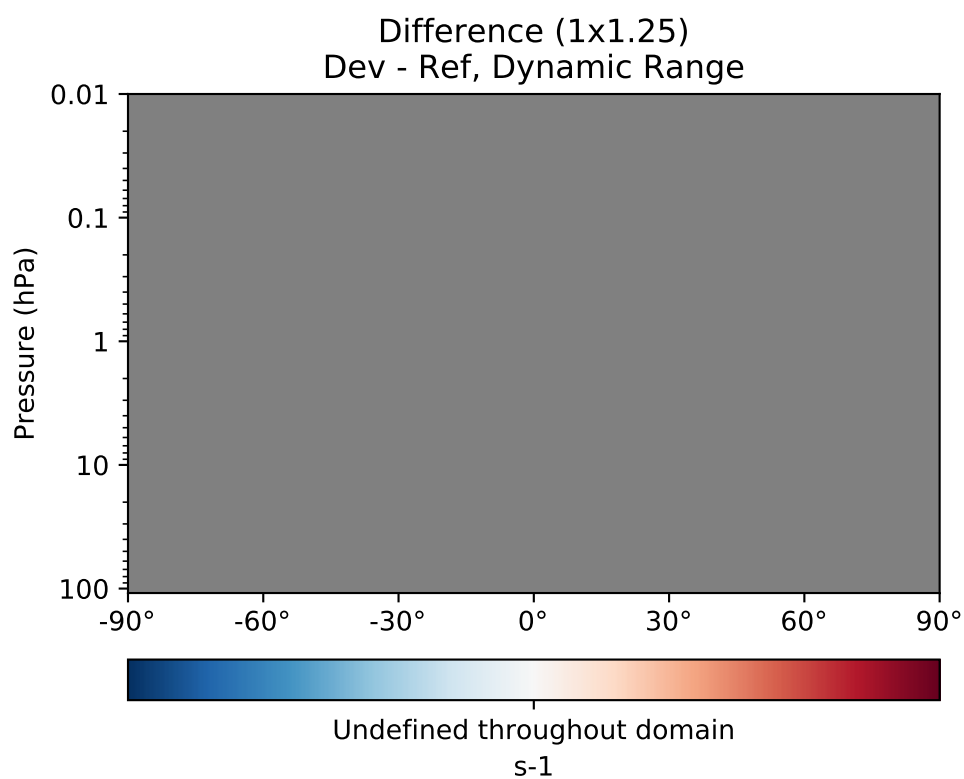
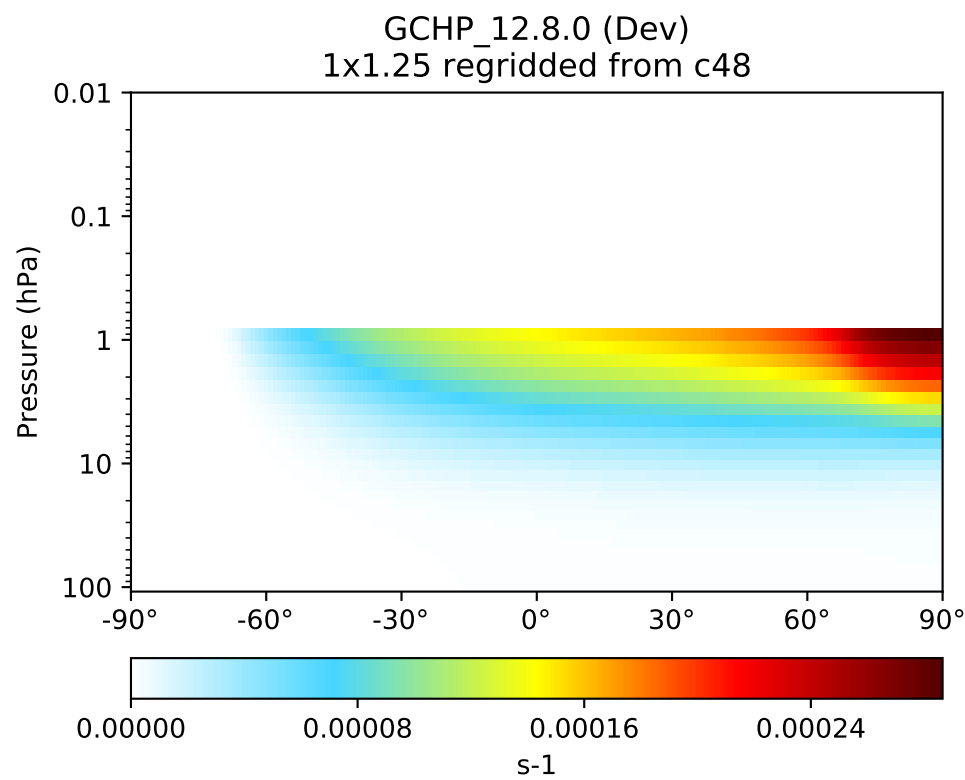
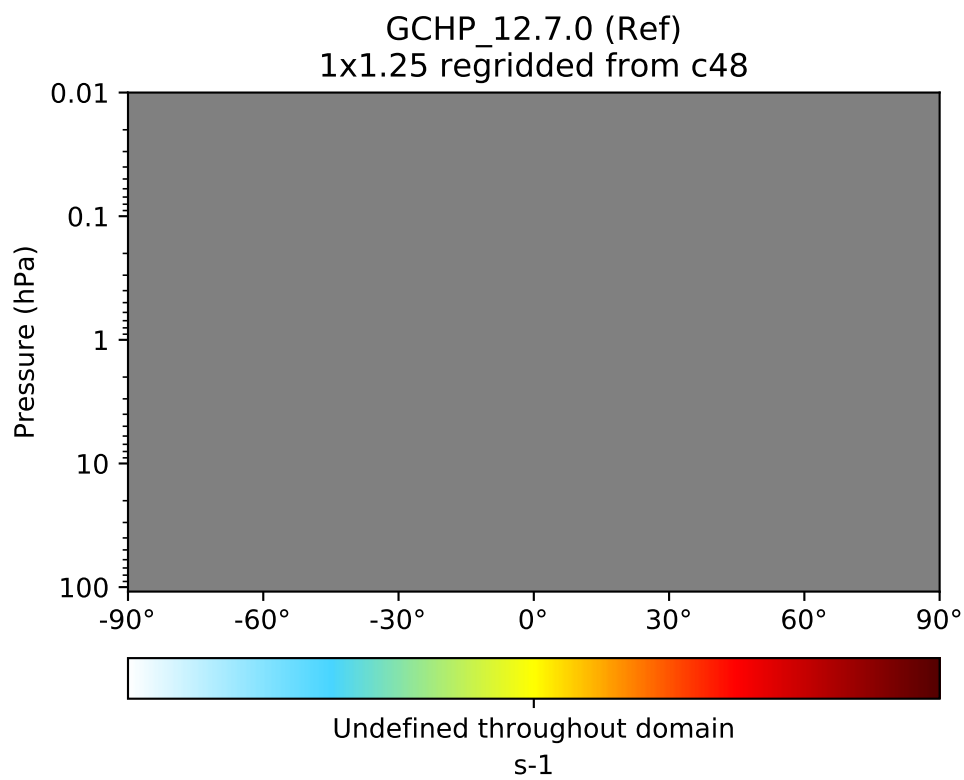
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



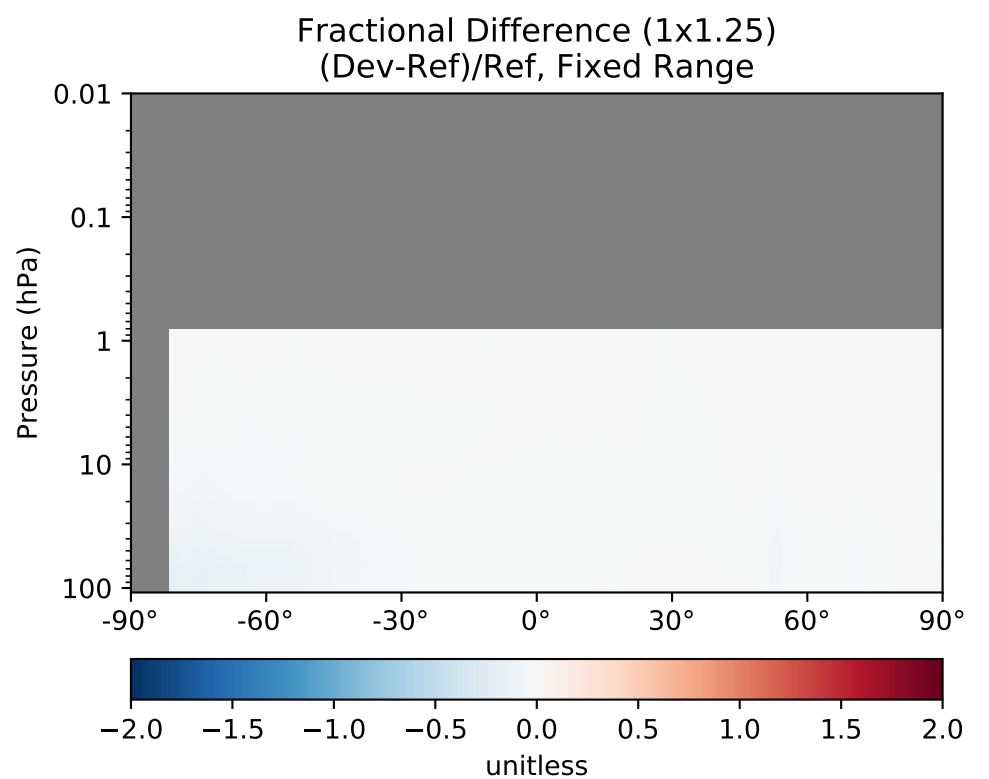
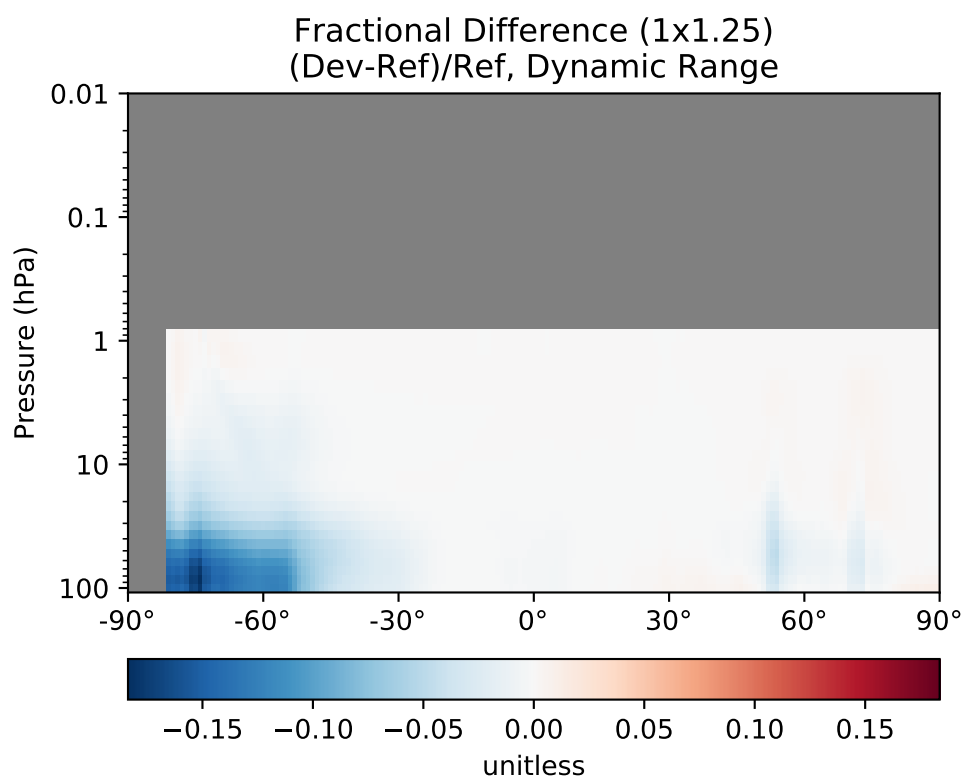
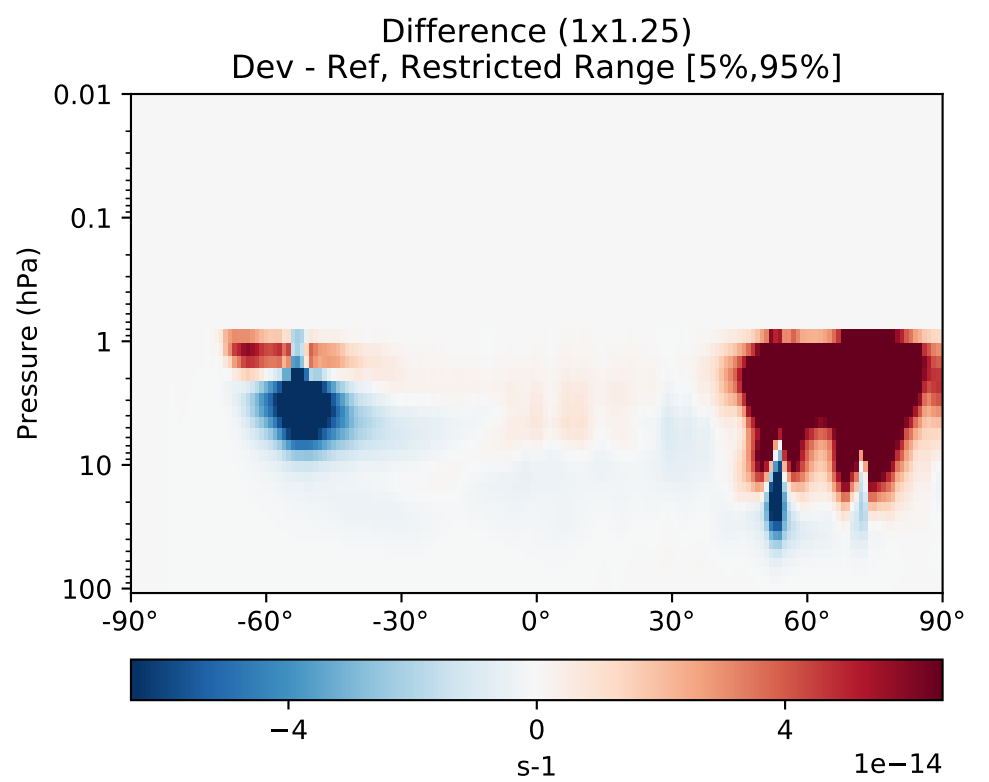
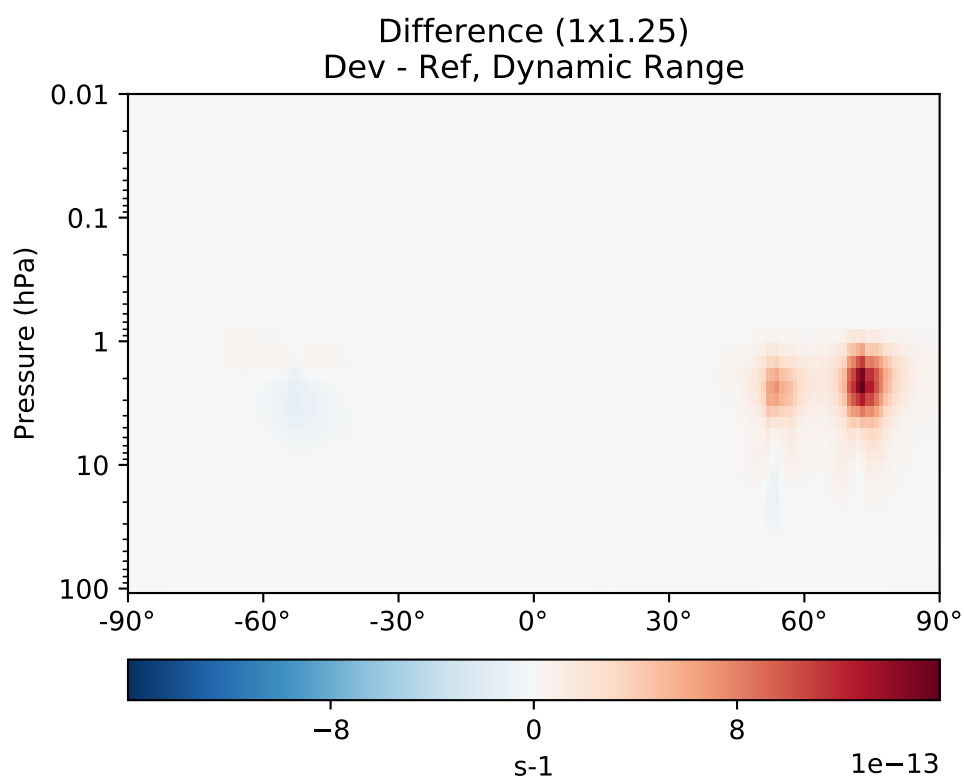
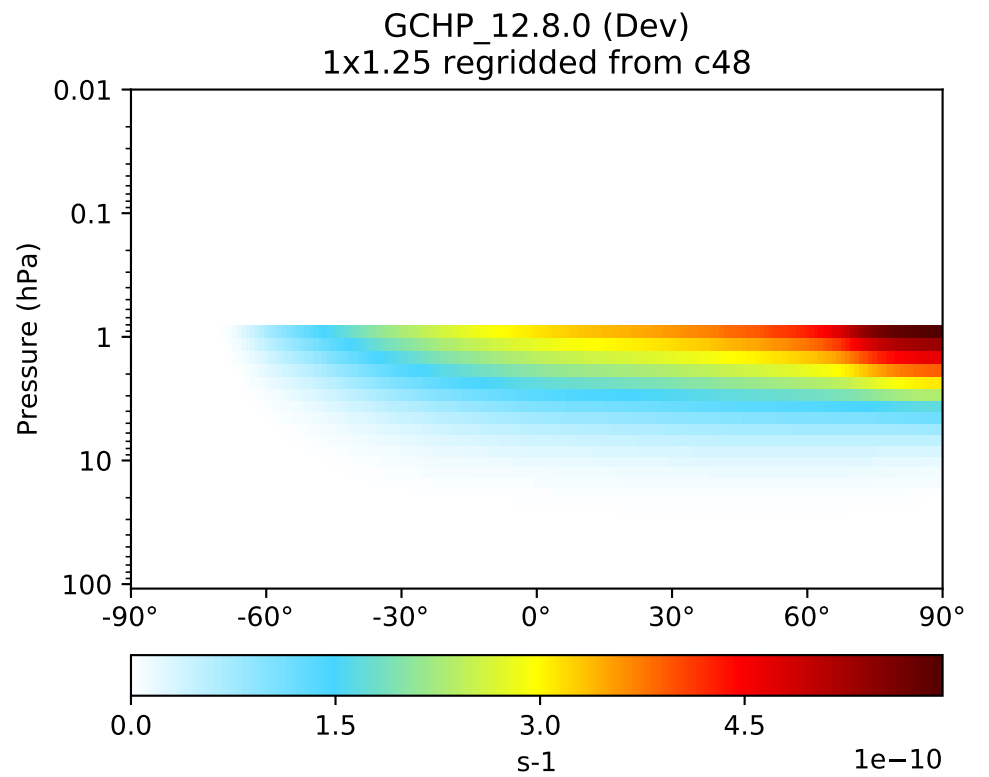
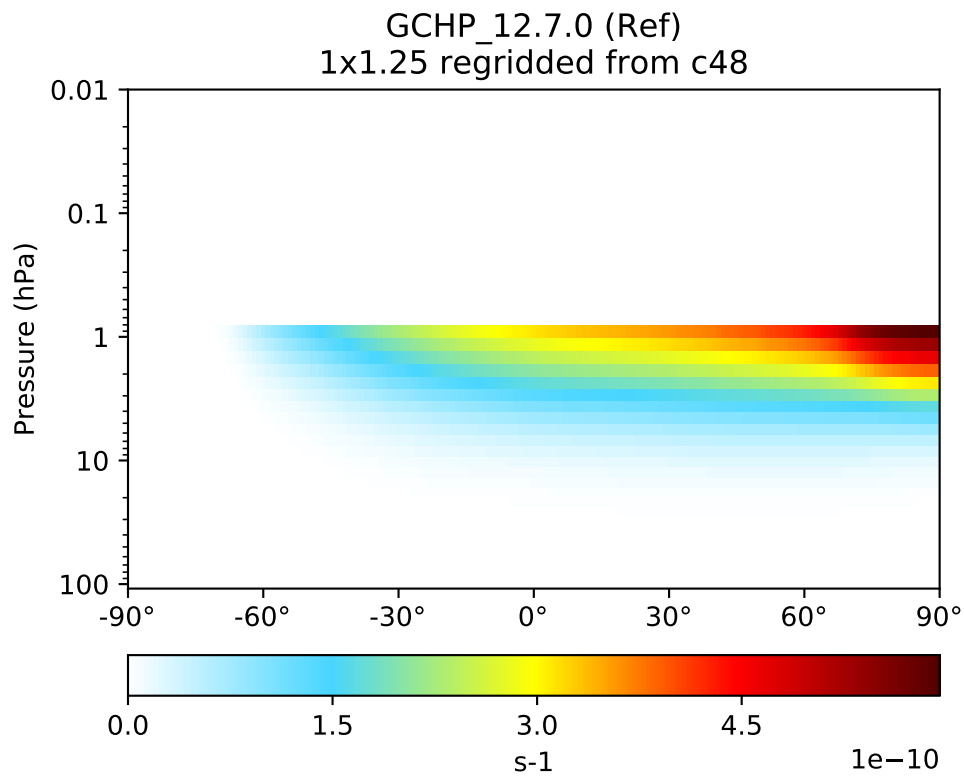
Jval_NO3, Zonal Mean



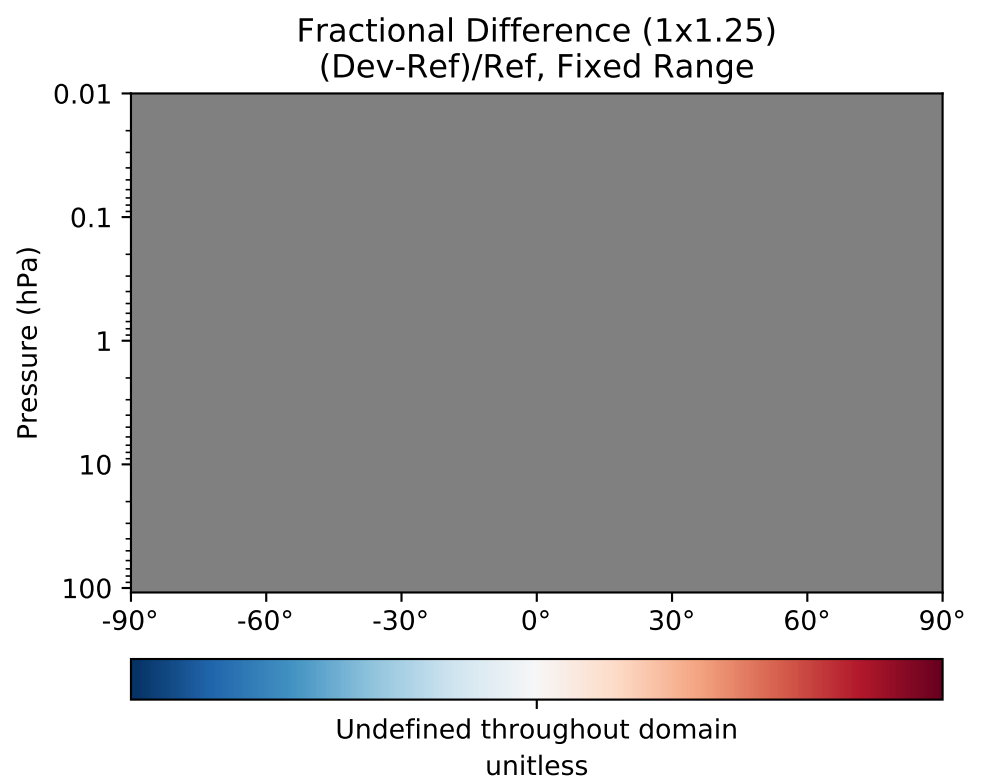
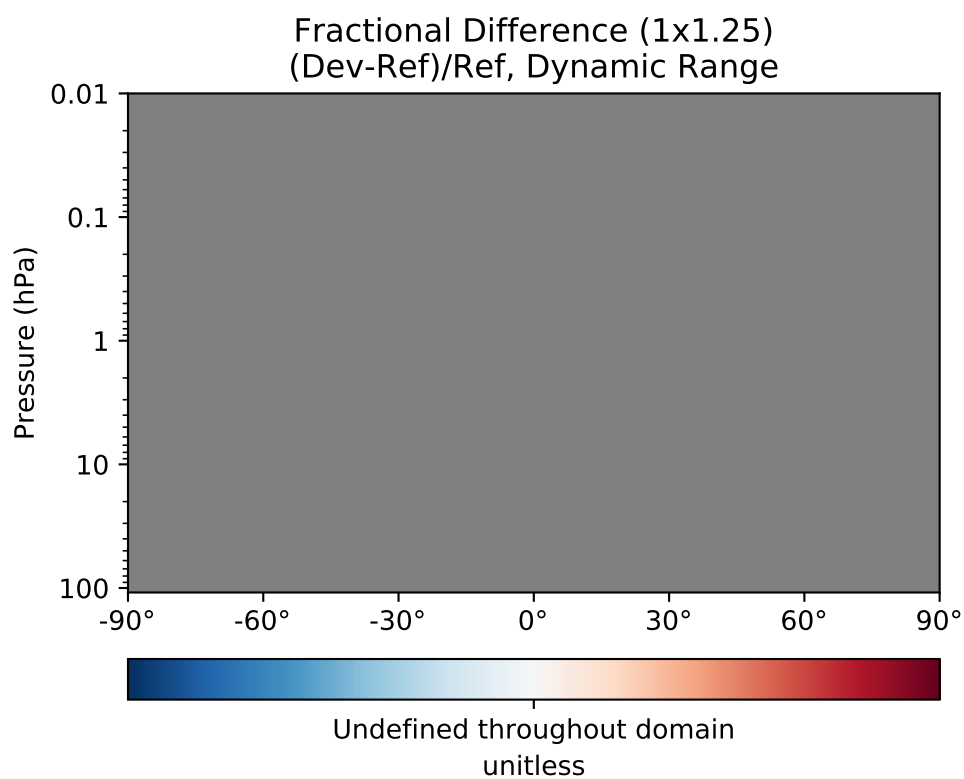
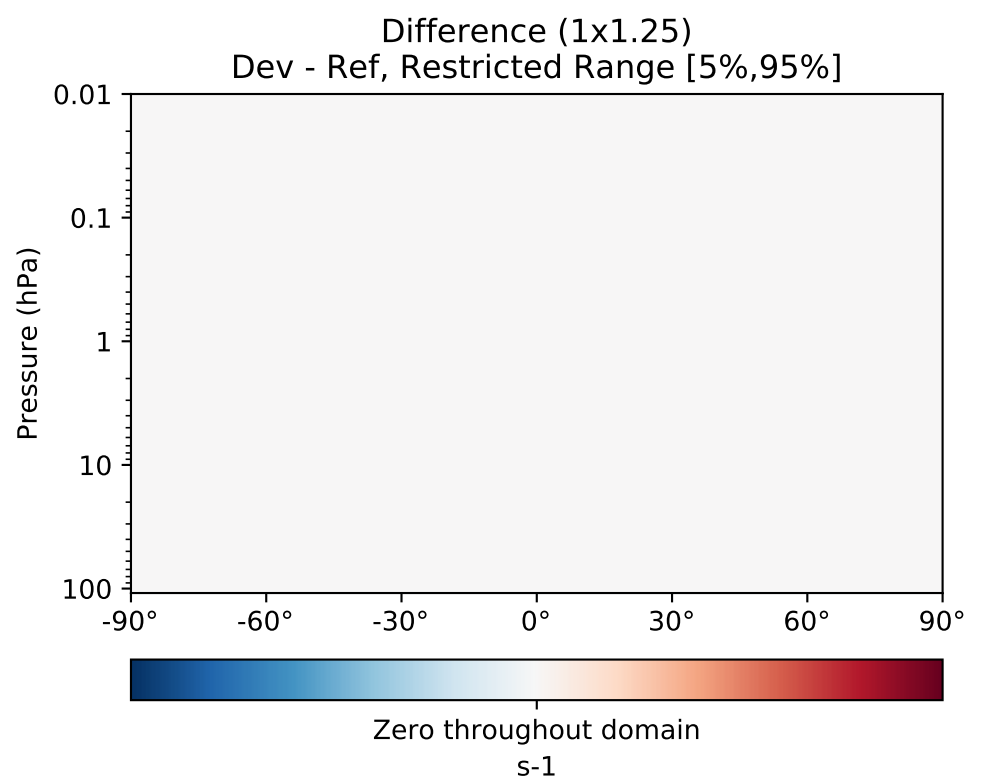
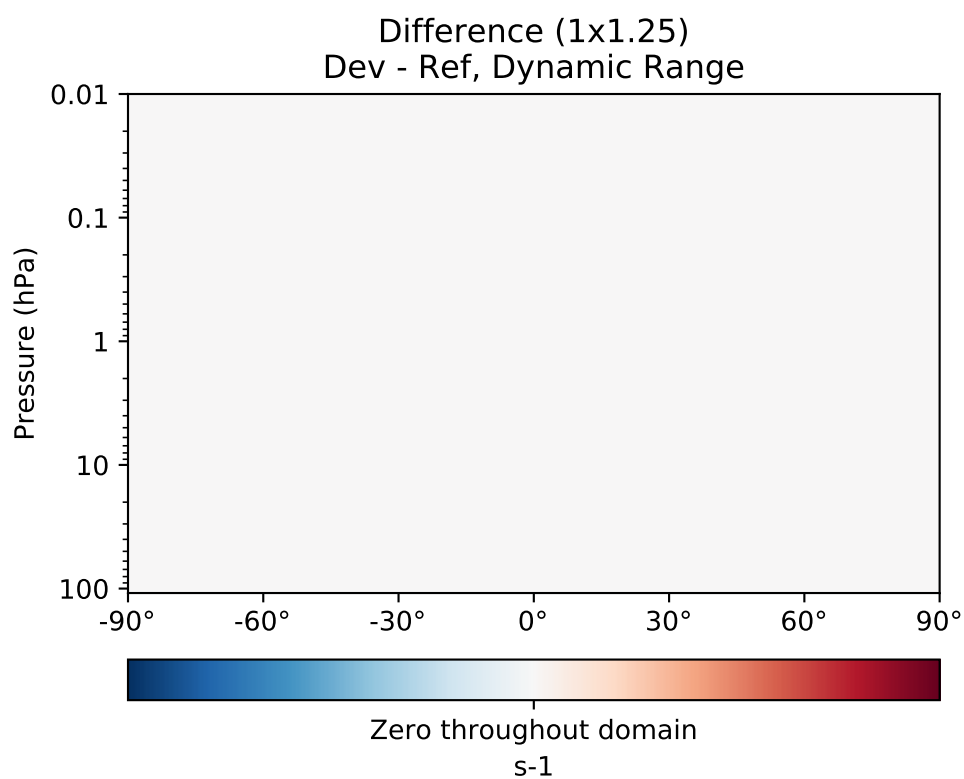
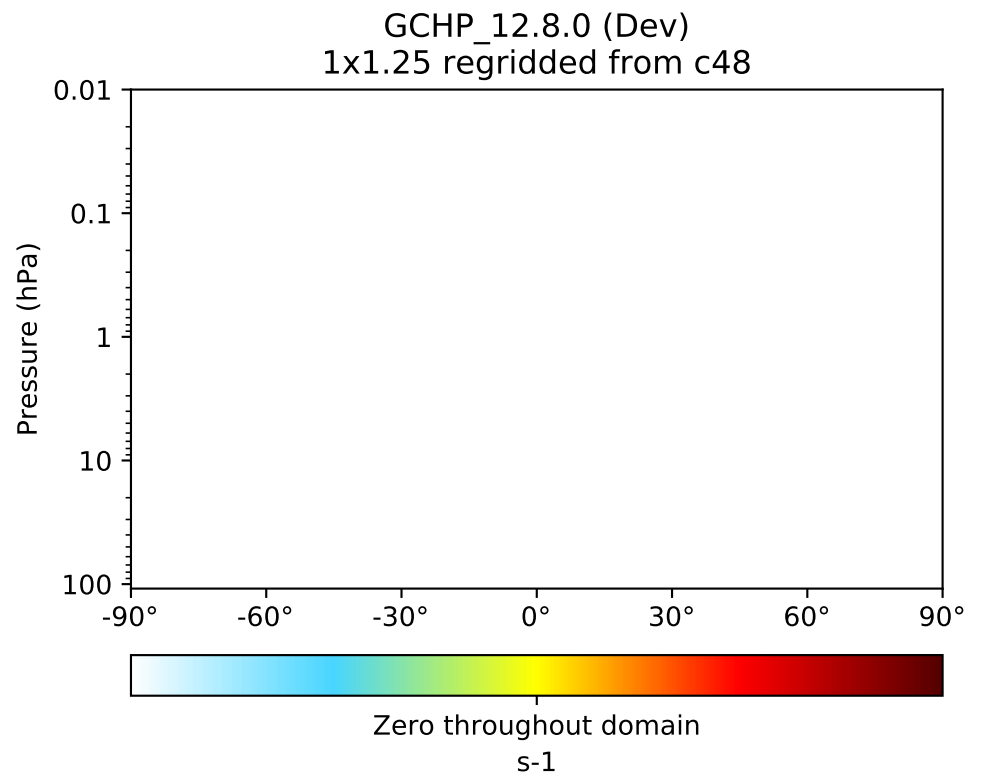
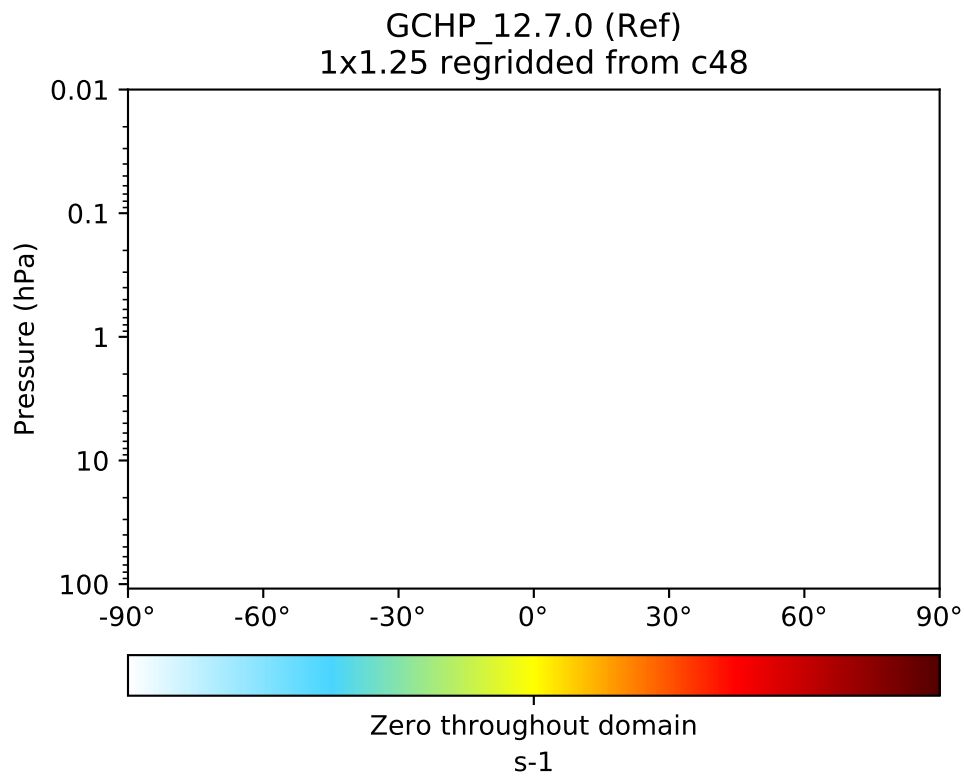
Jval_NPRNO3, Zonal Mean



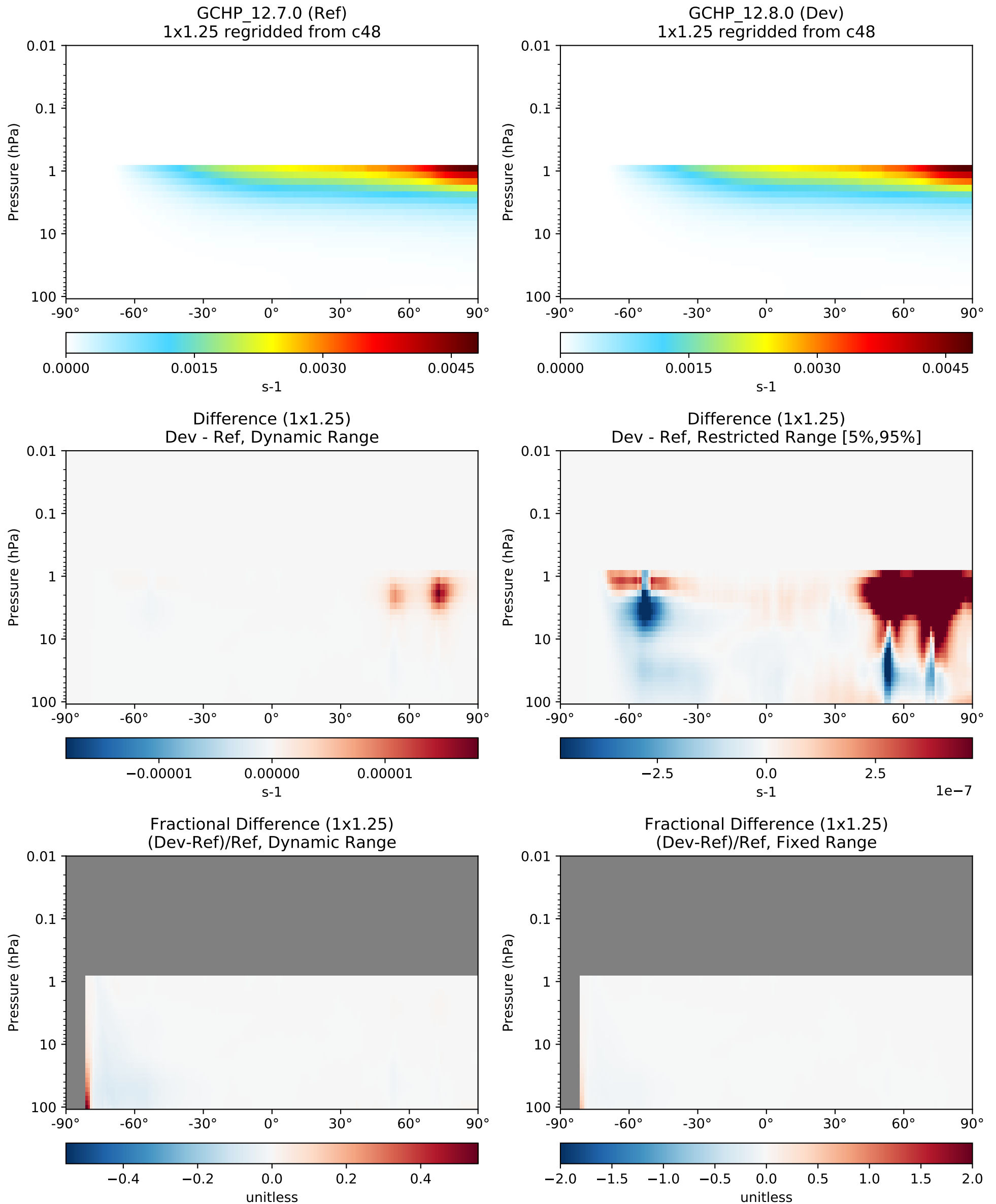
Jval_O2, Zonal Mean



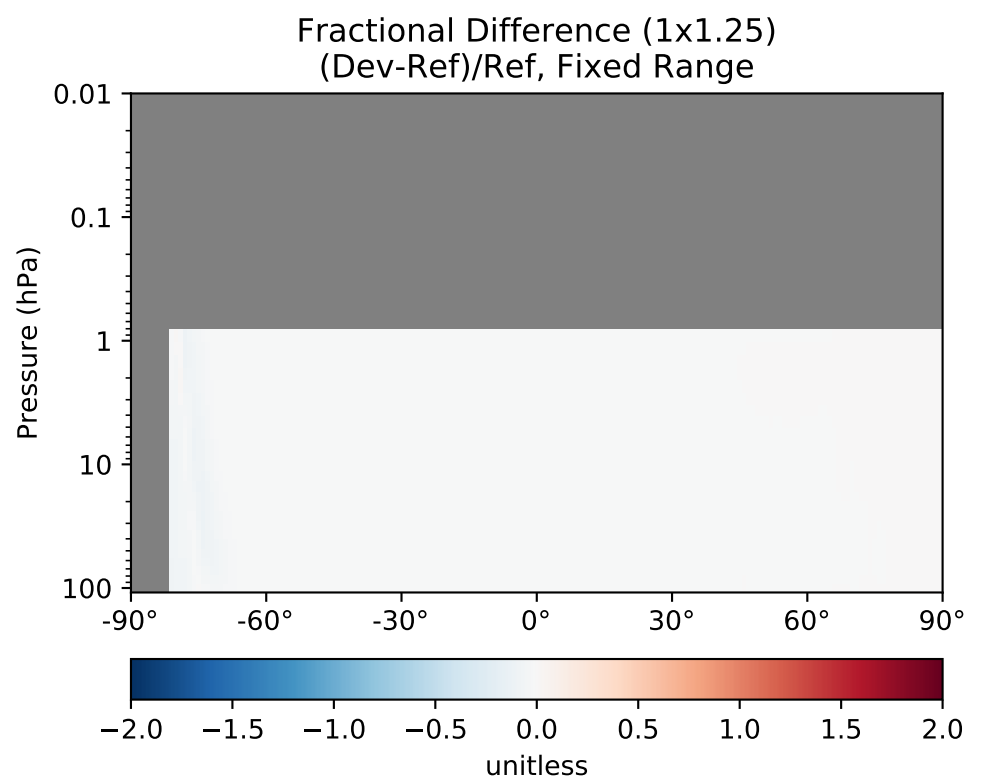
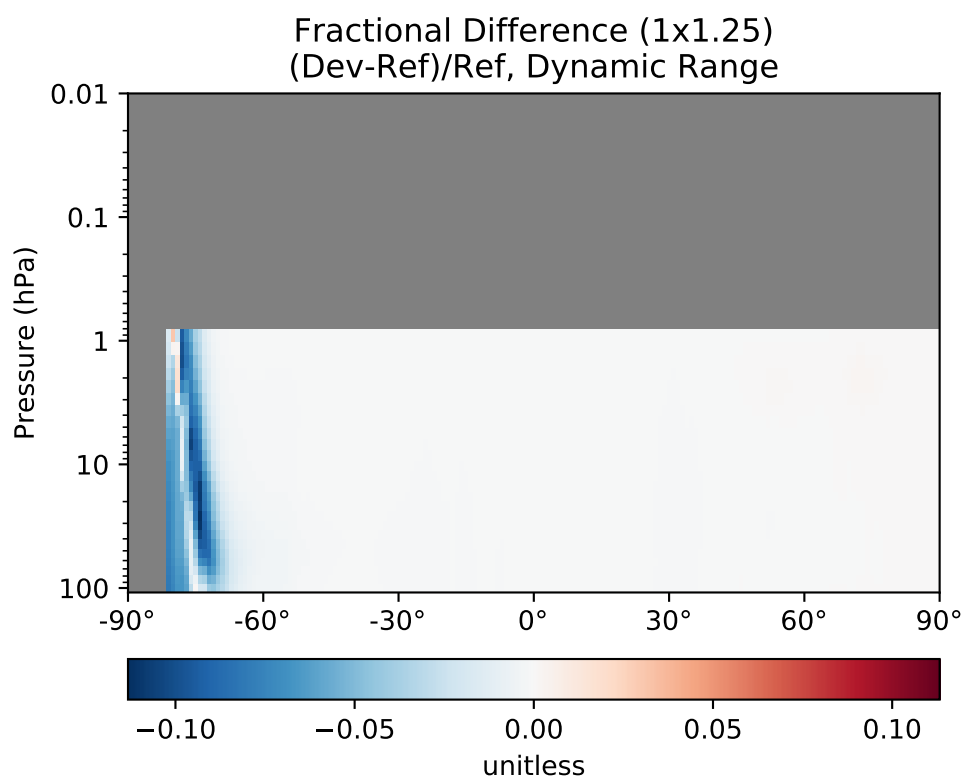
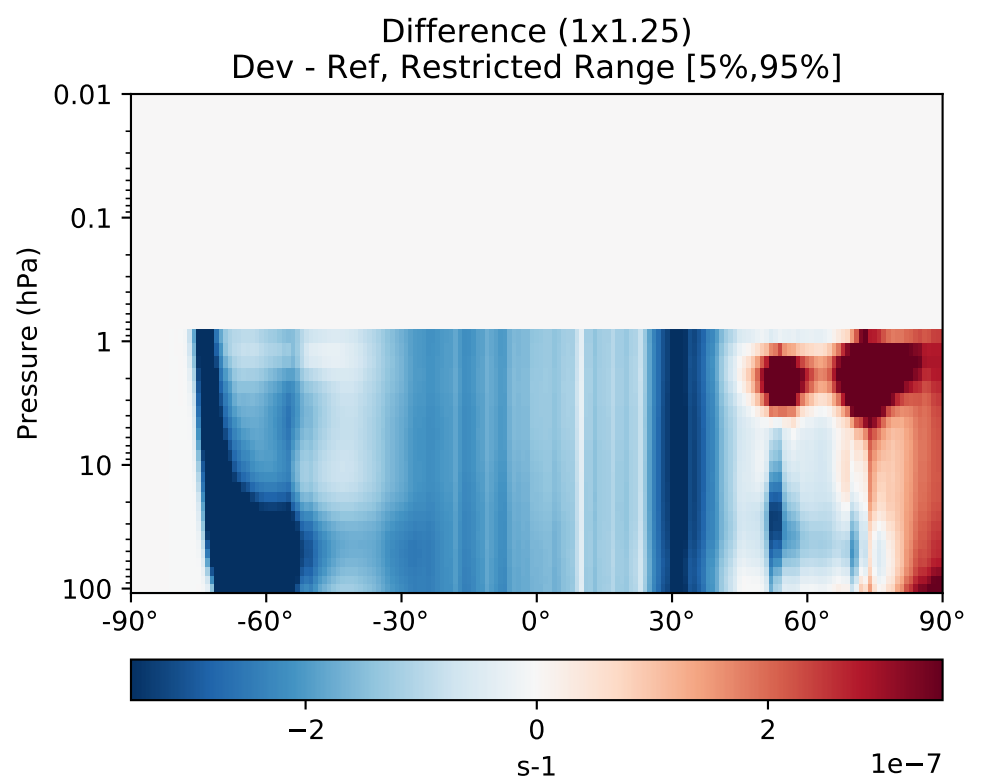
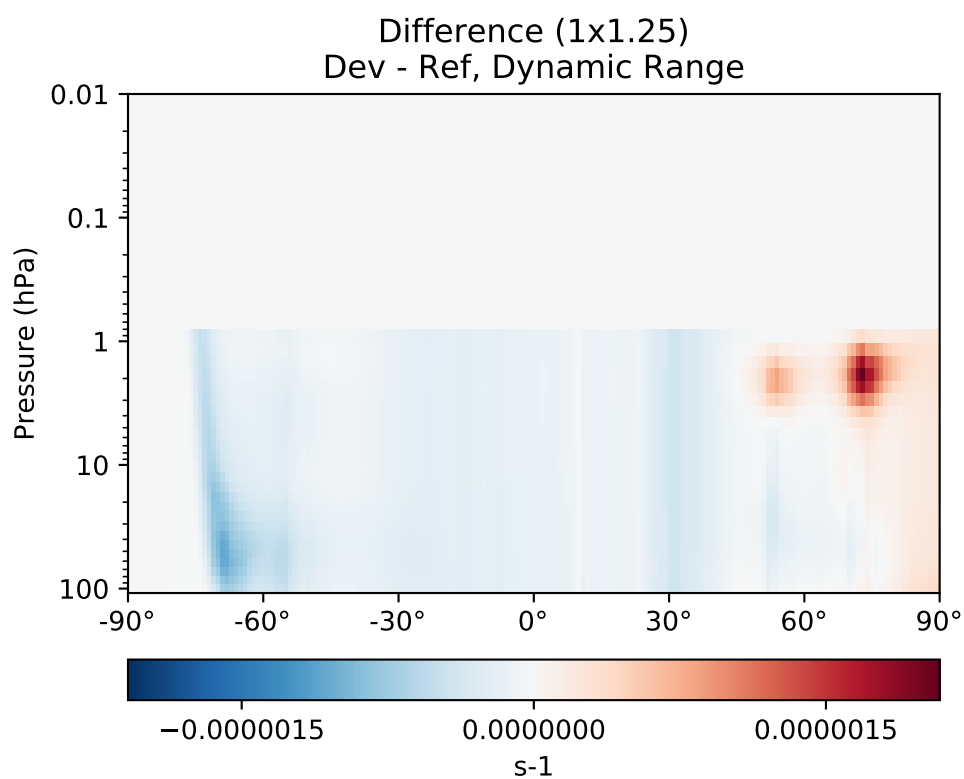
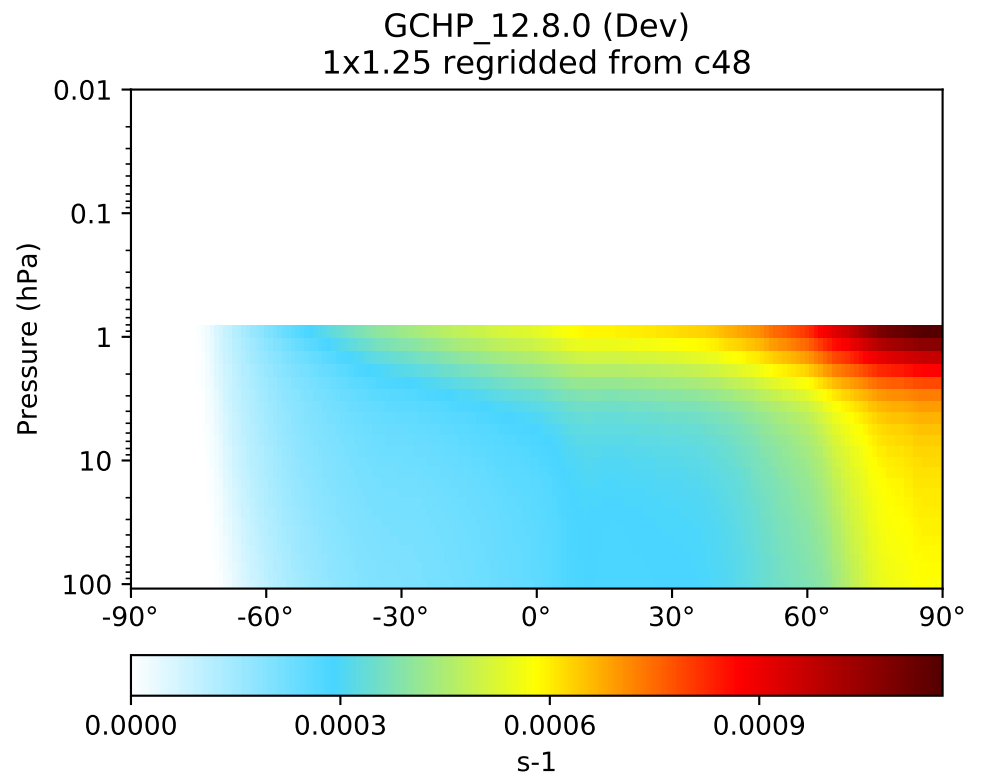
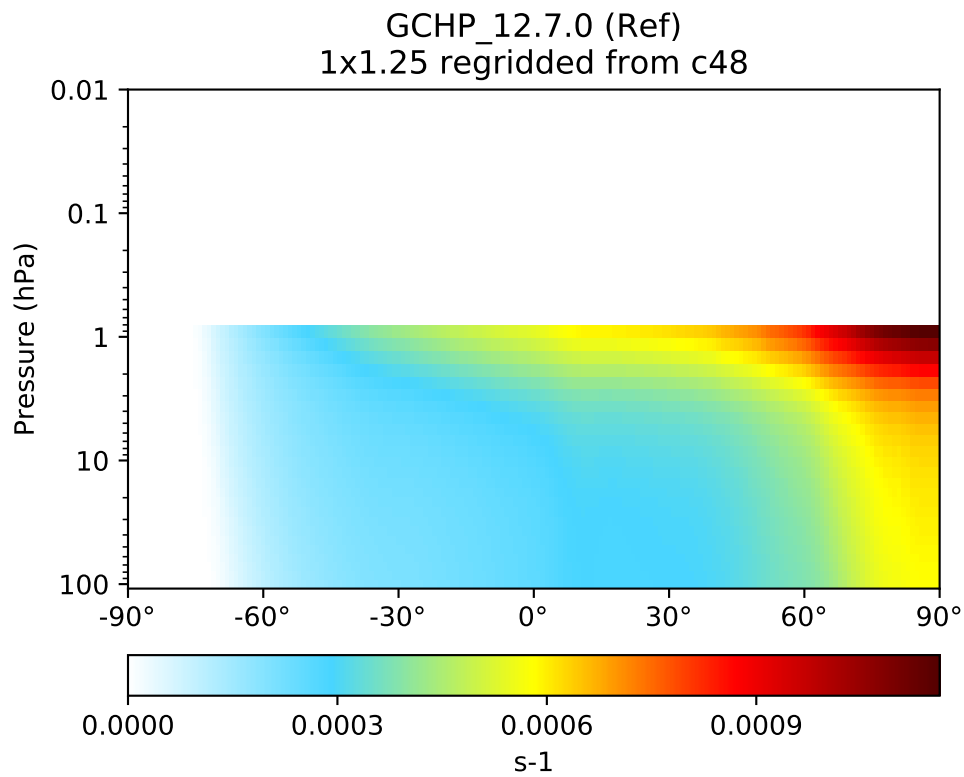
Jval_O3, Zonal Mean



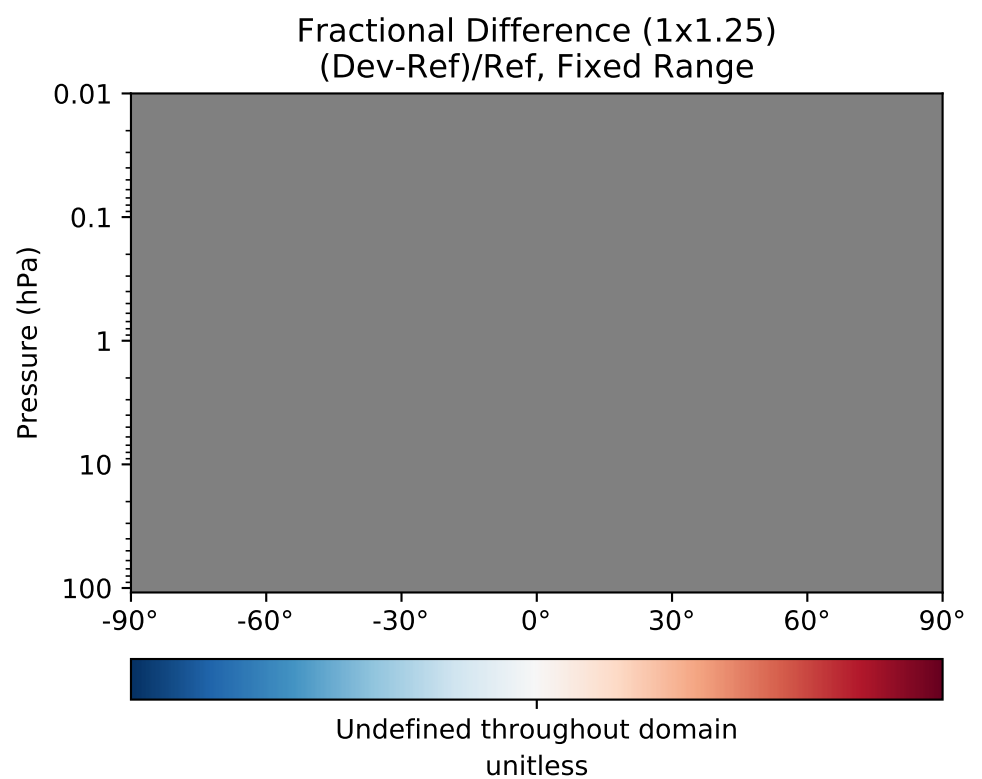
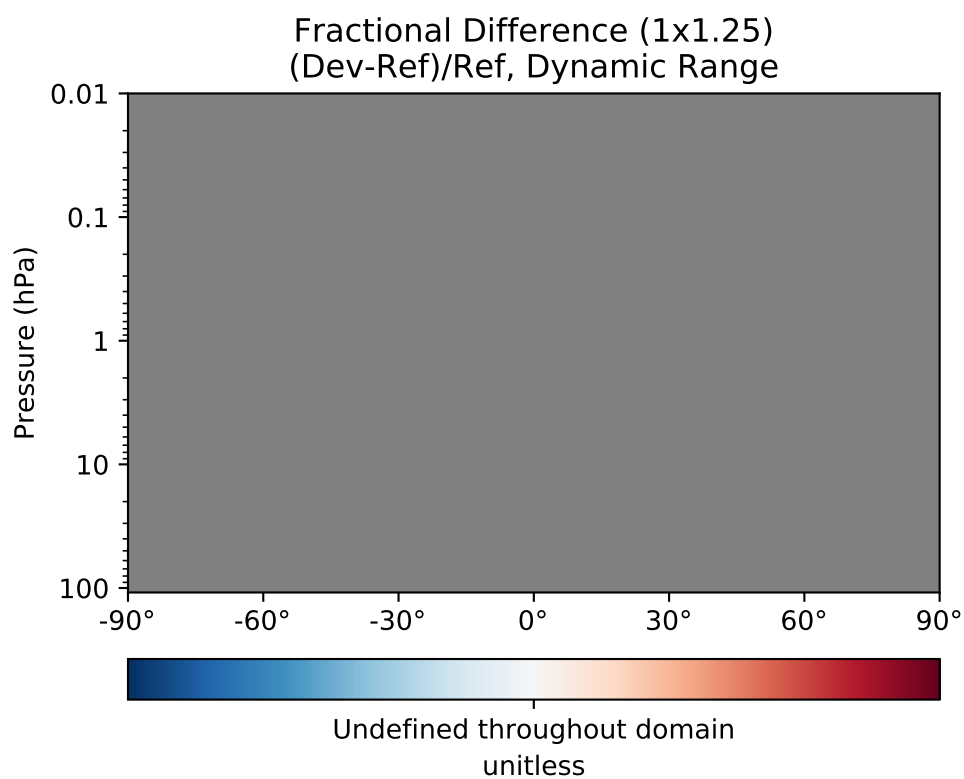
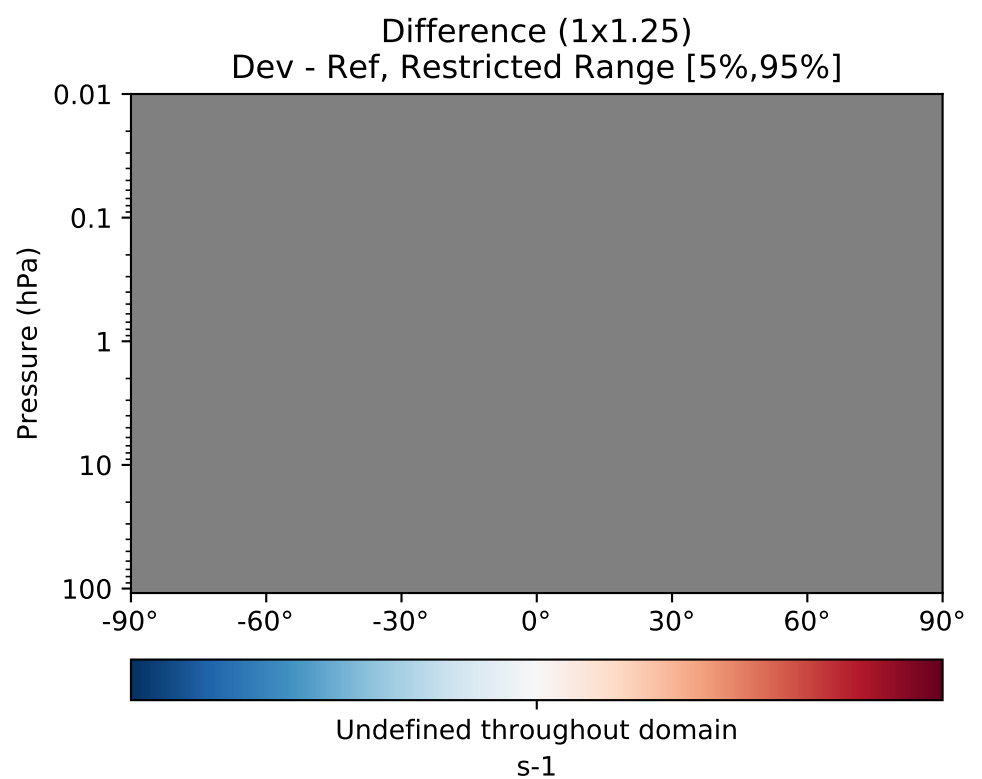
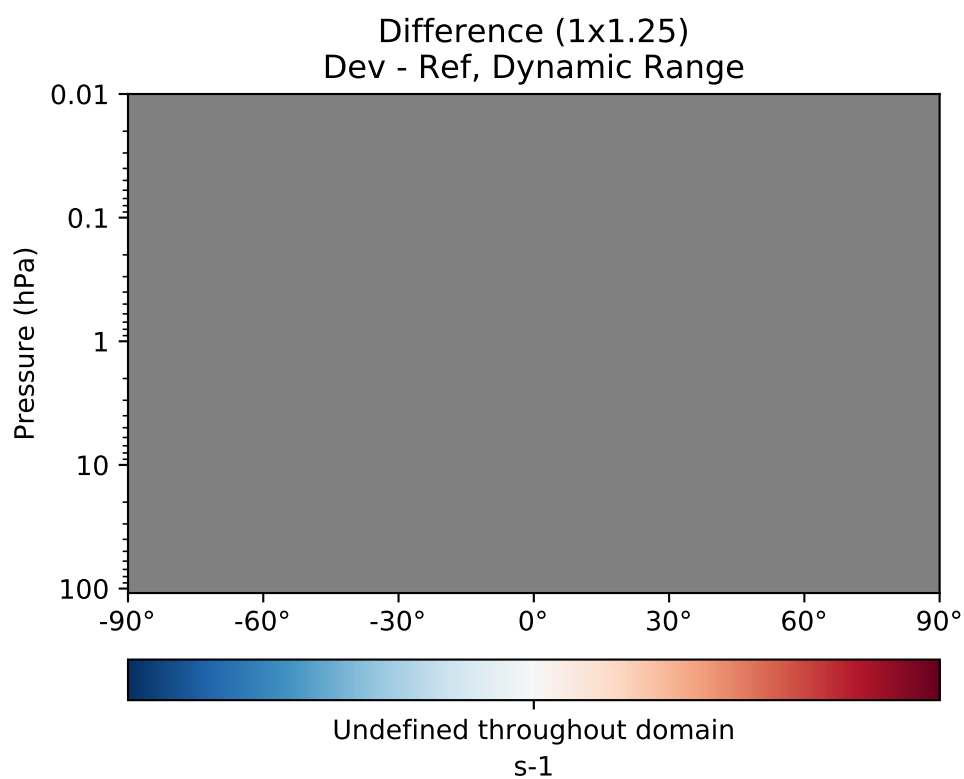
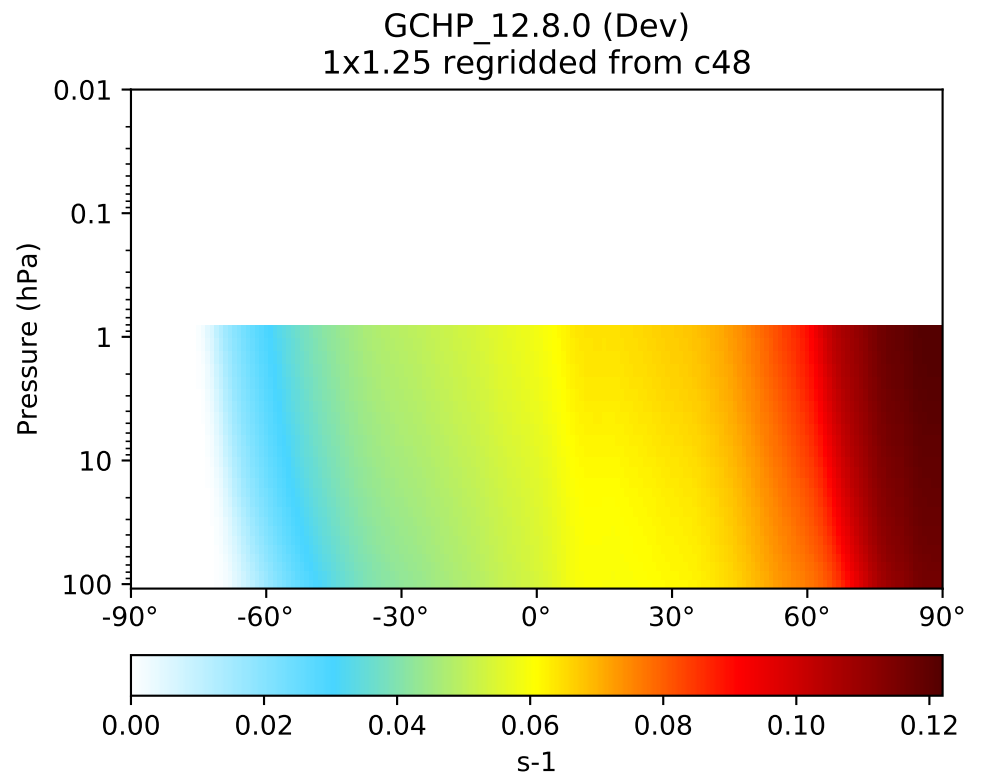
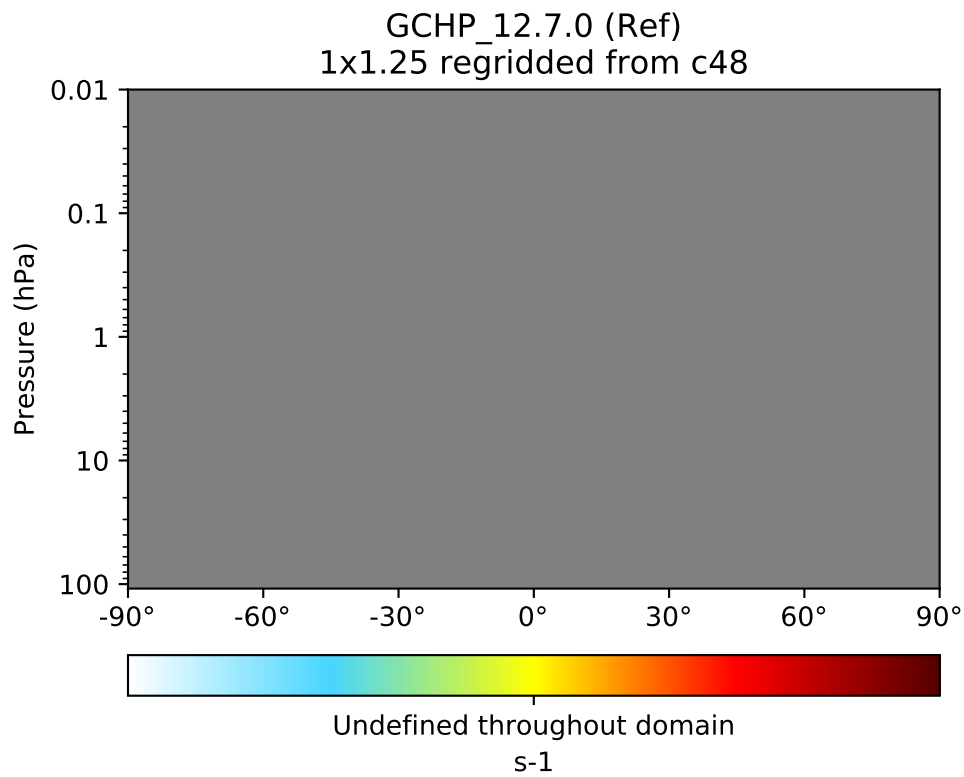
Jval_0301D, Zonal Mean



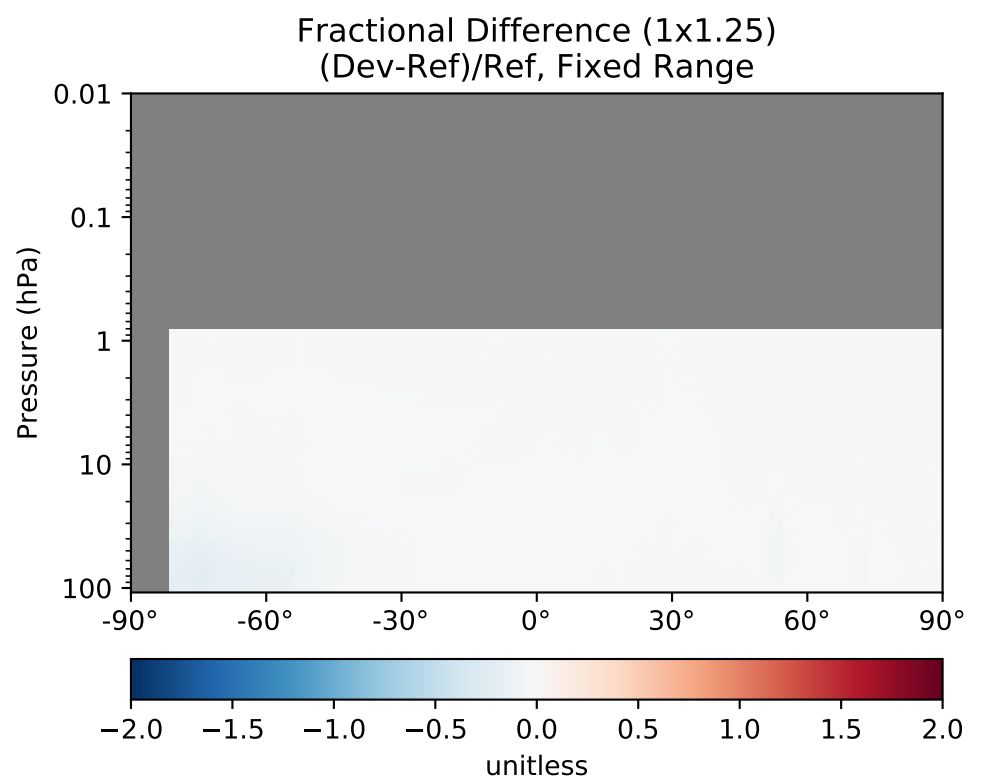
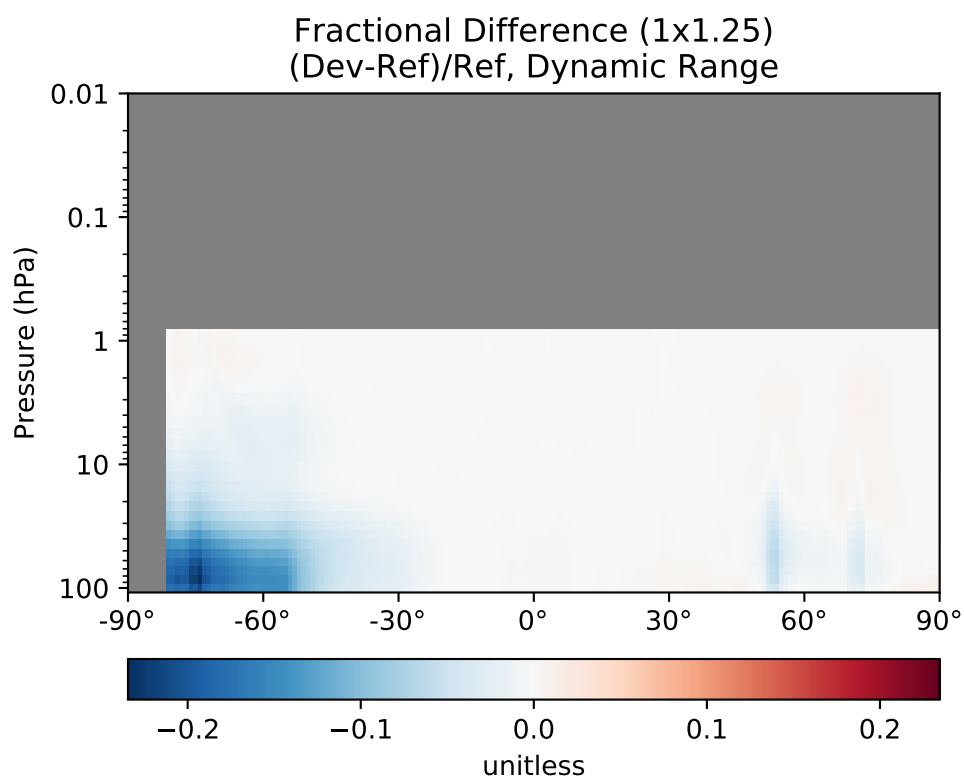
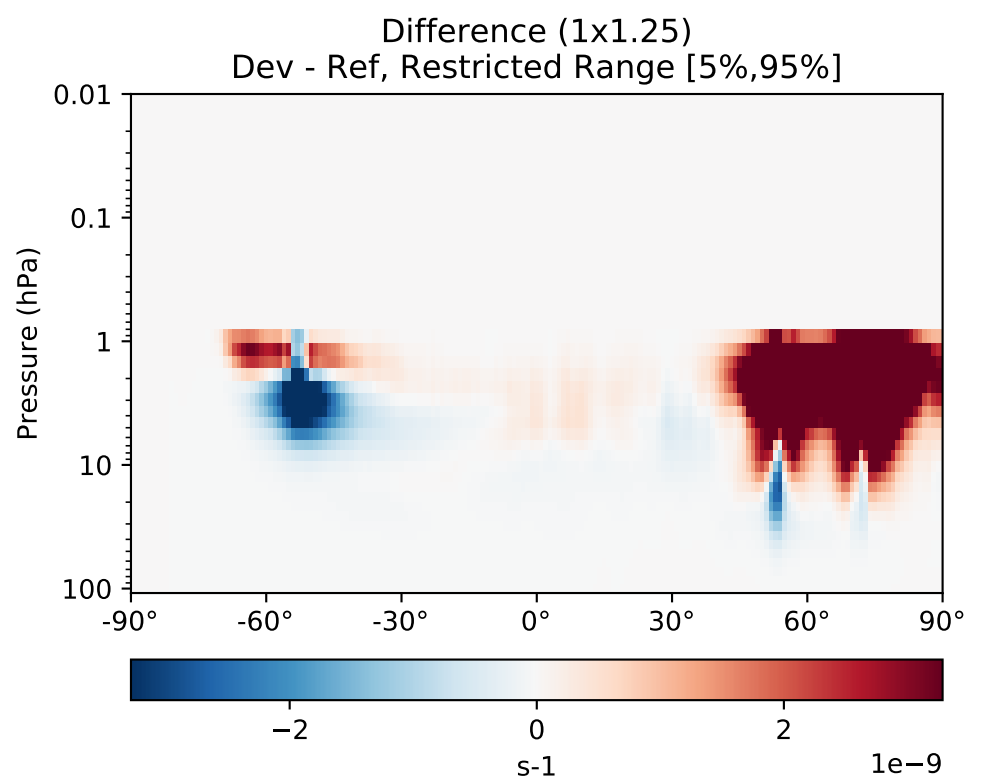
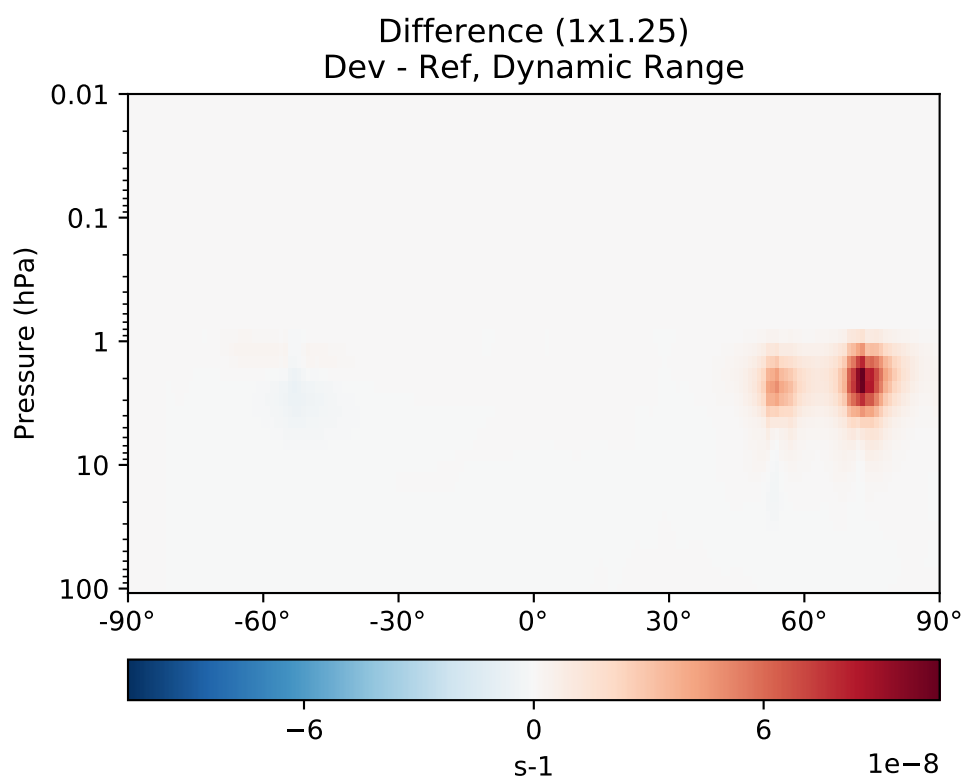
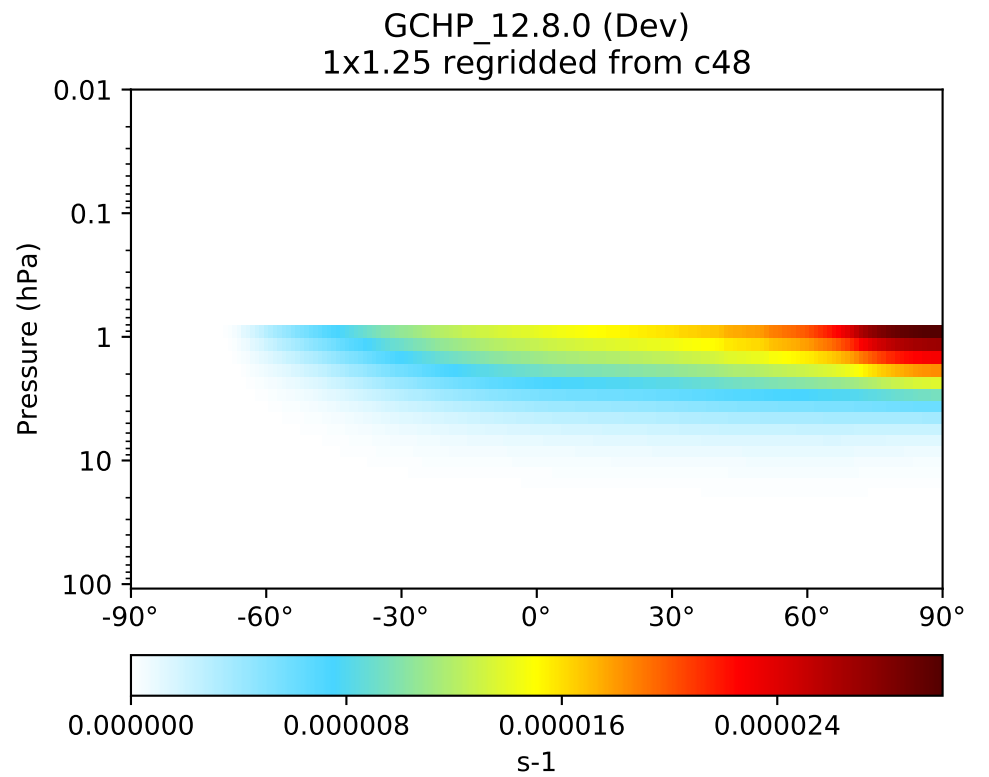
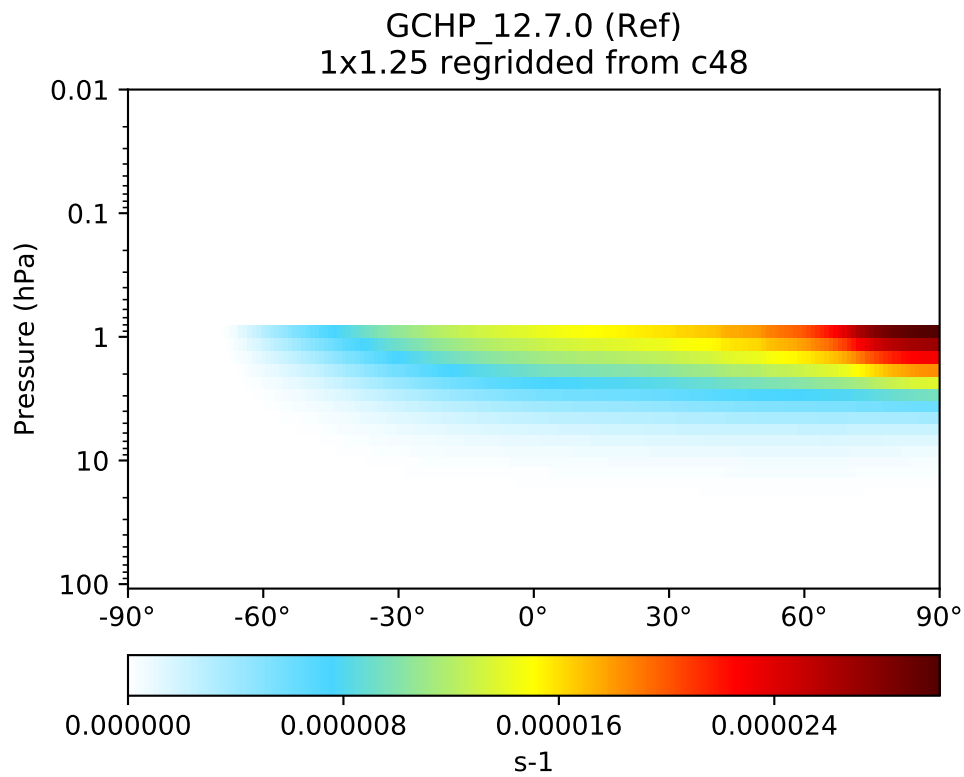
Jval_O3O3P, Zonal Mean



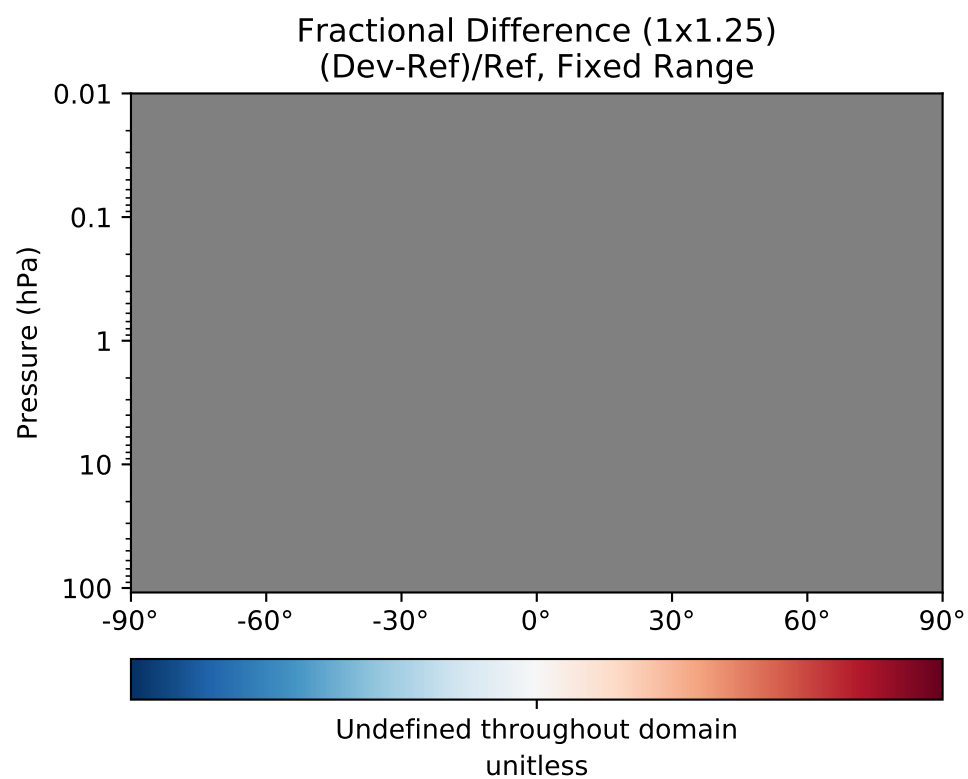
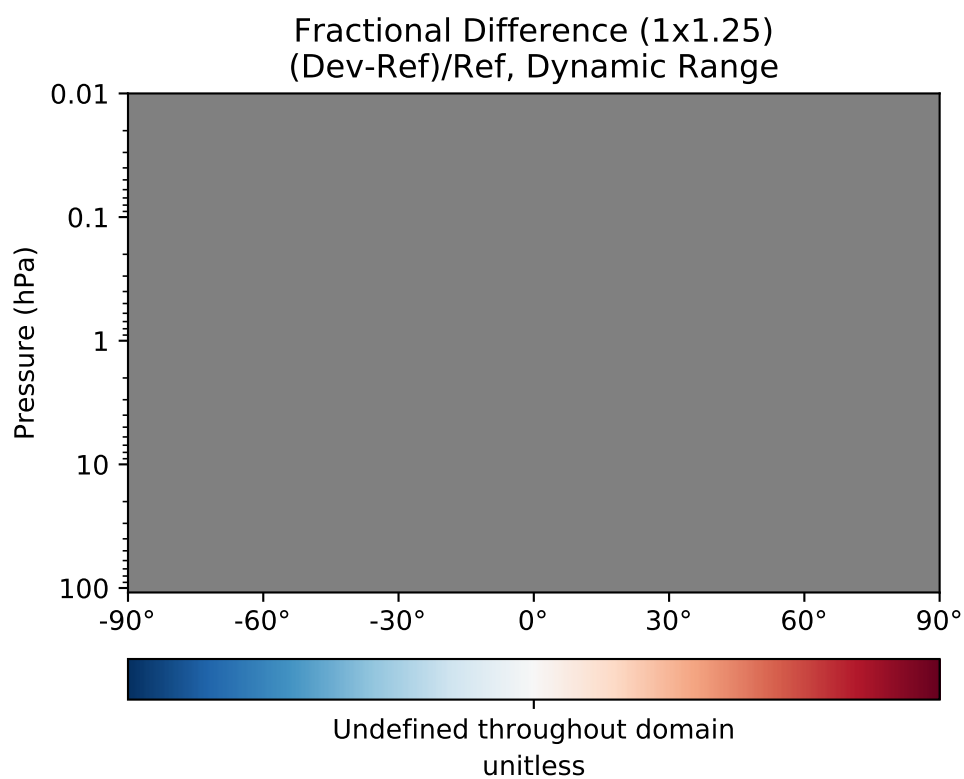
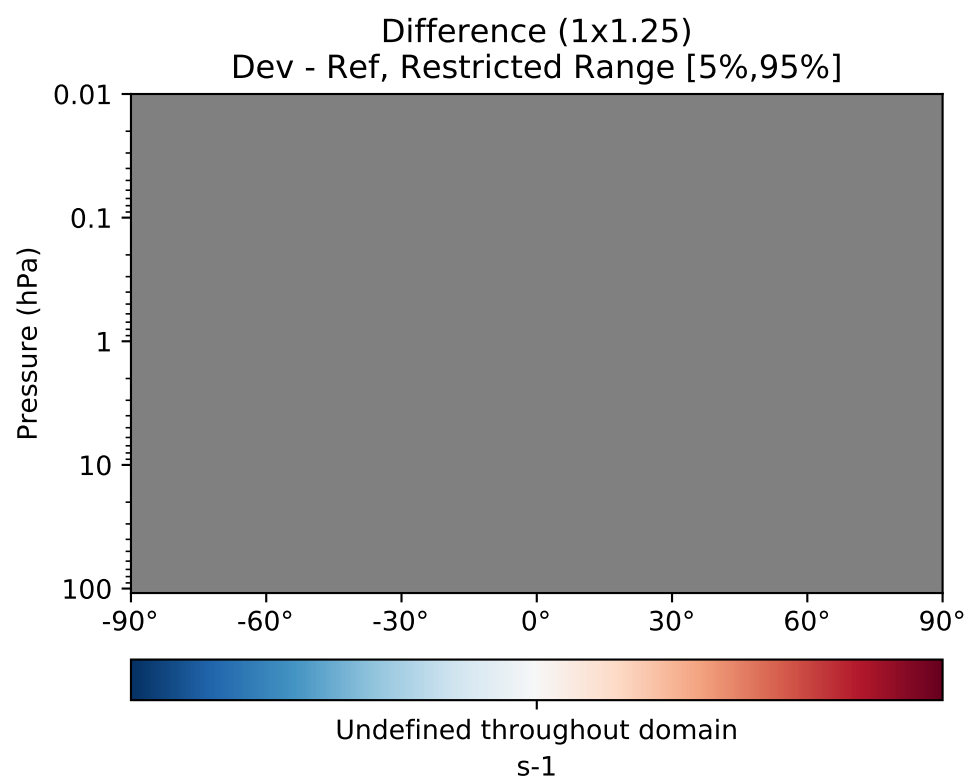
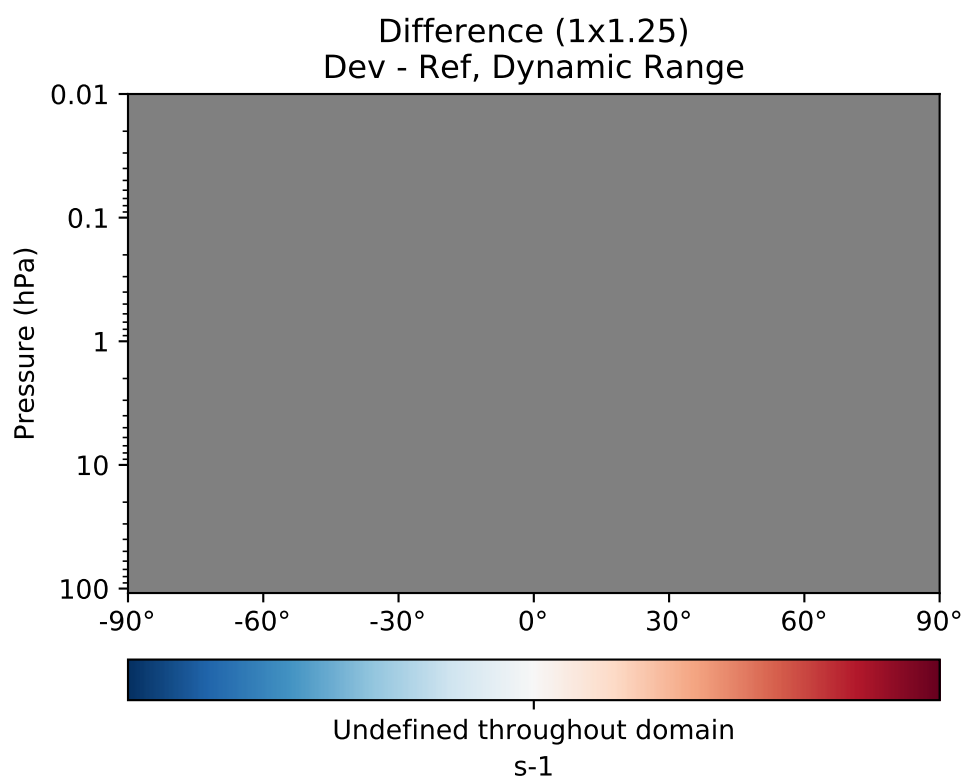
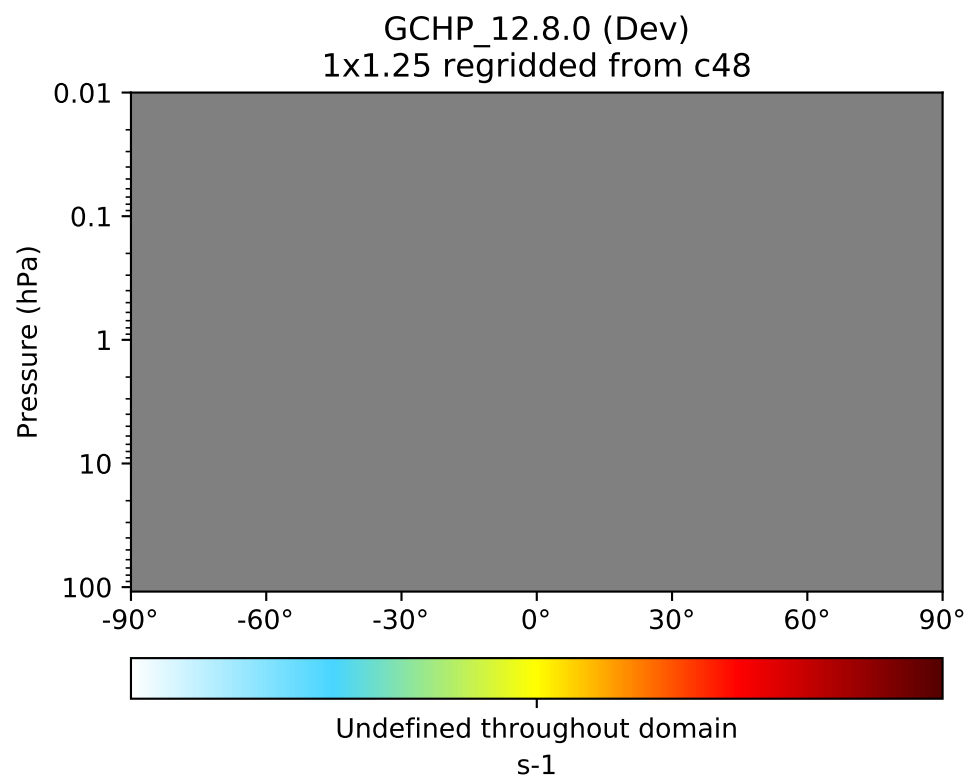
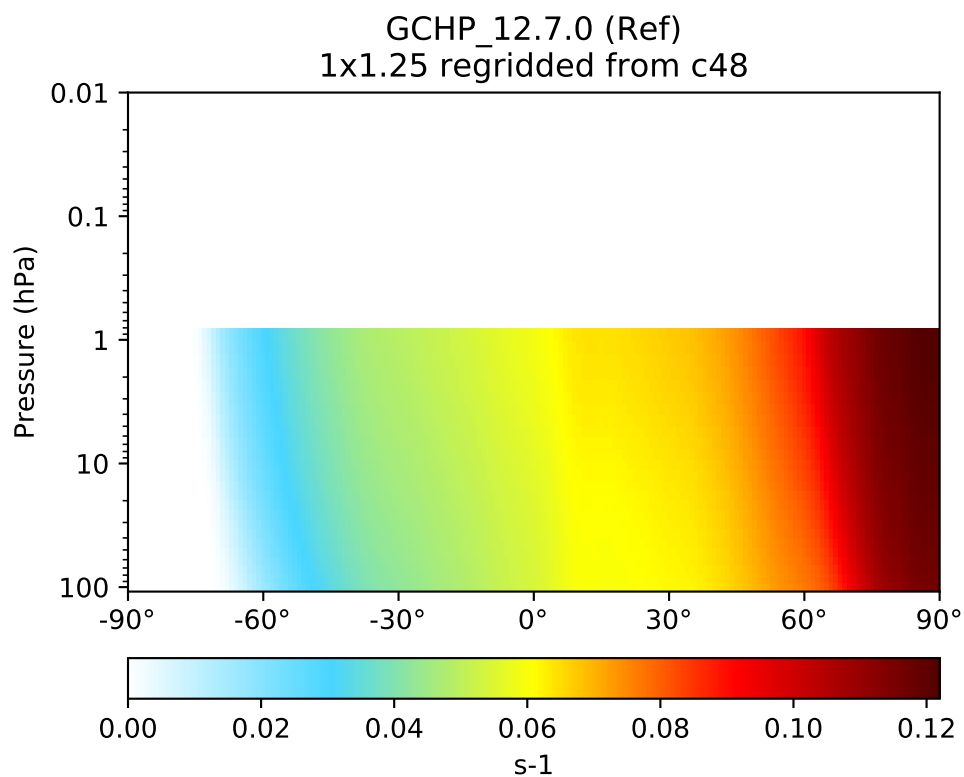
Jval_OCLO, Zonal Mean



Jval_OCS, Zonal Mean

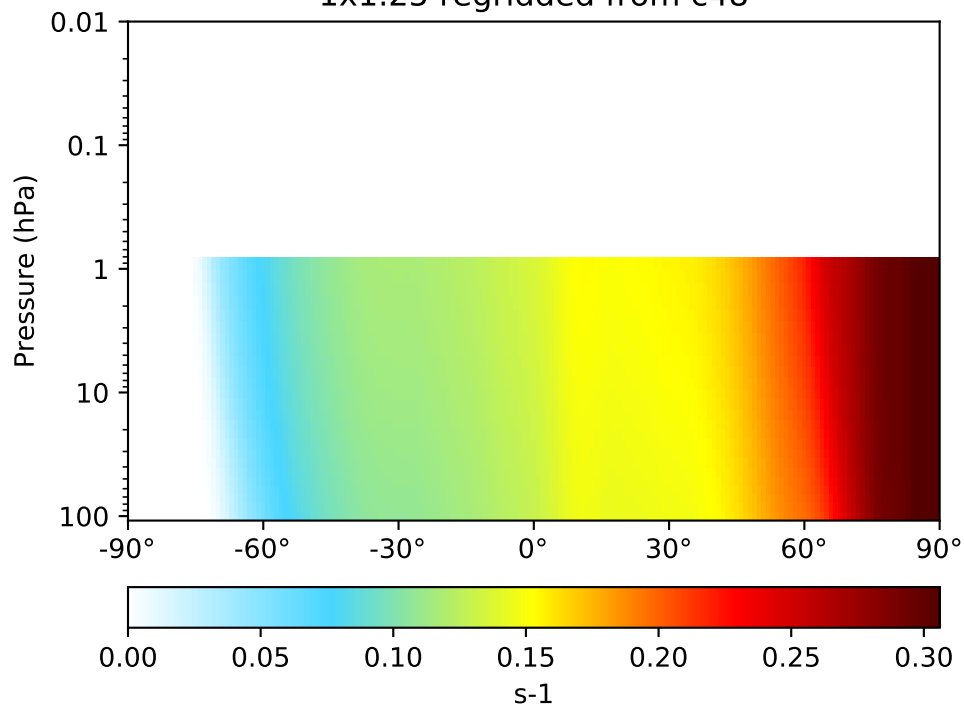


Jval_OClO, Zonal Mean

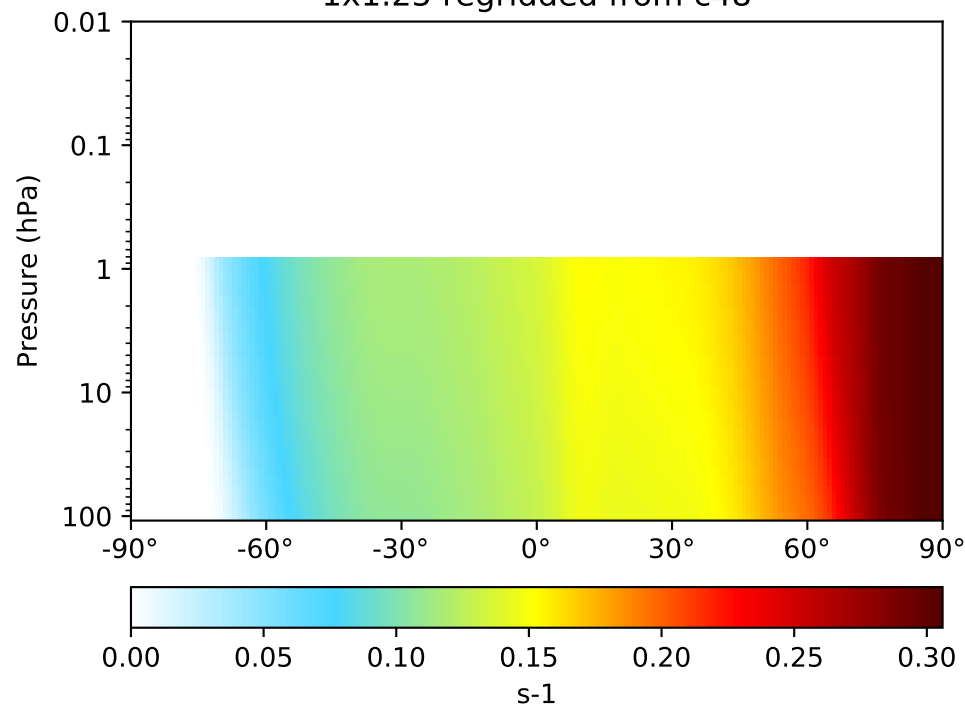


Jval_OIO, Zonal Mean

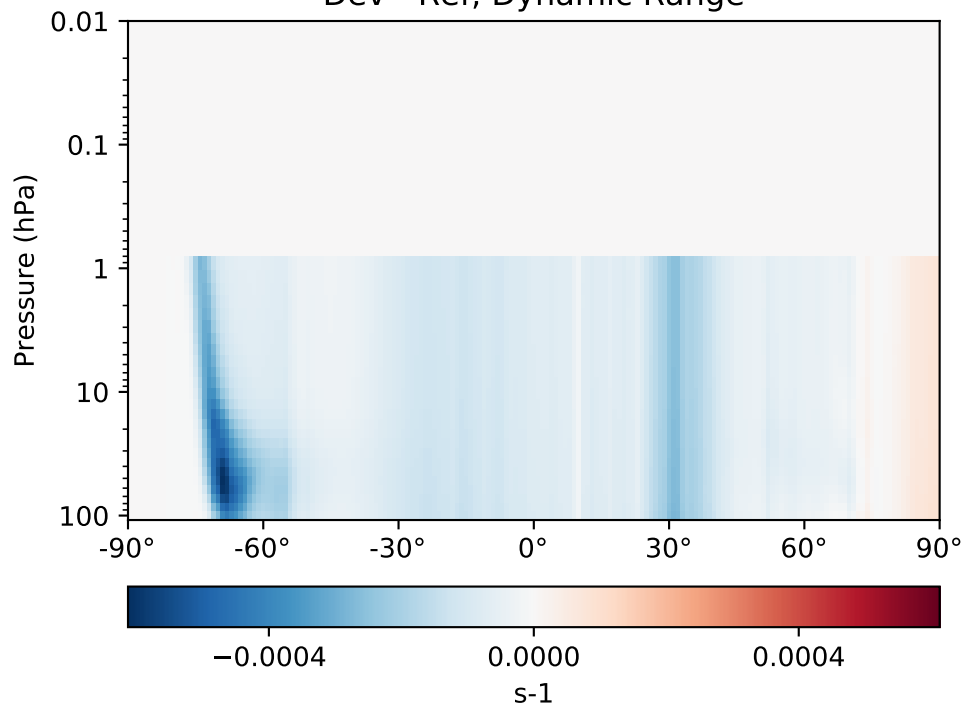
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



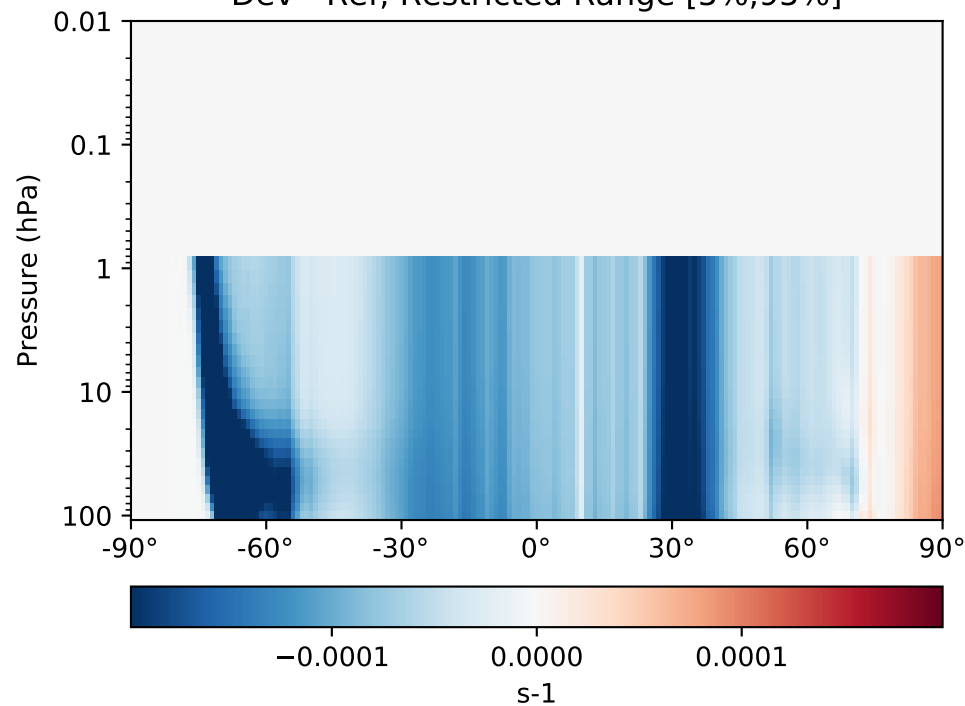
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



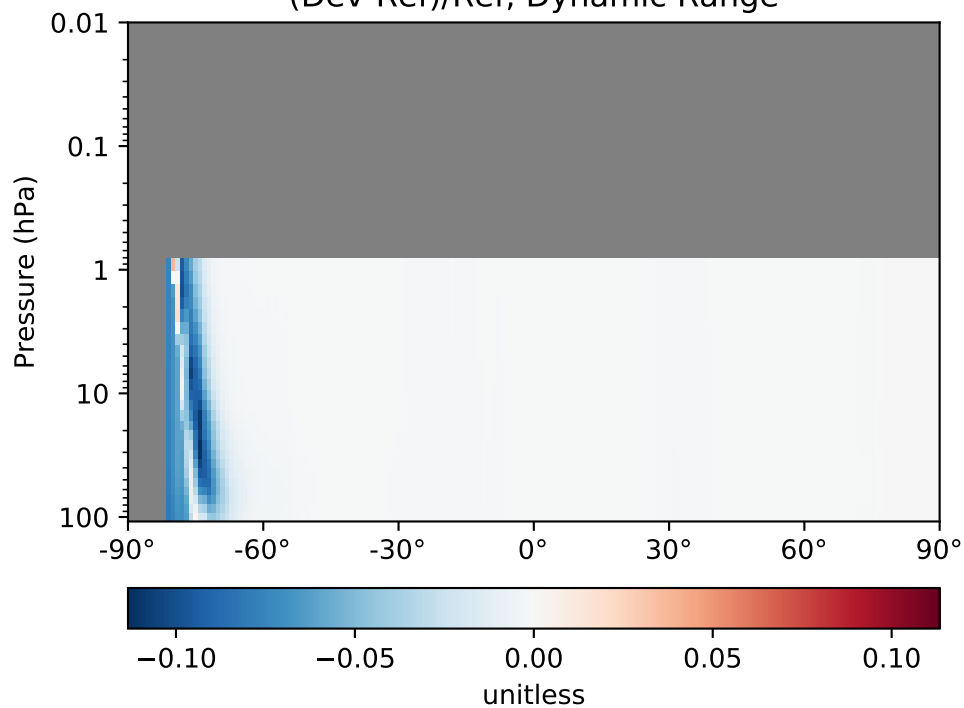
Difference (1x1.25)
Dev - Ref, Dynamic Range



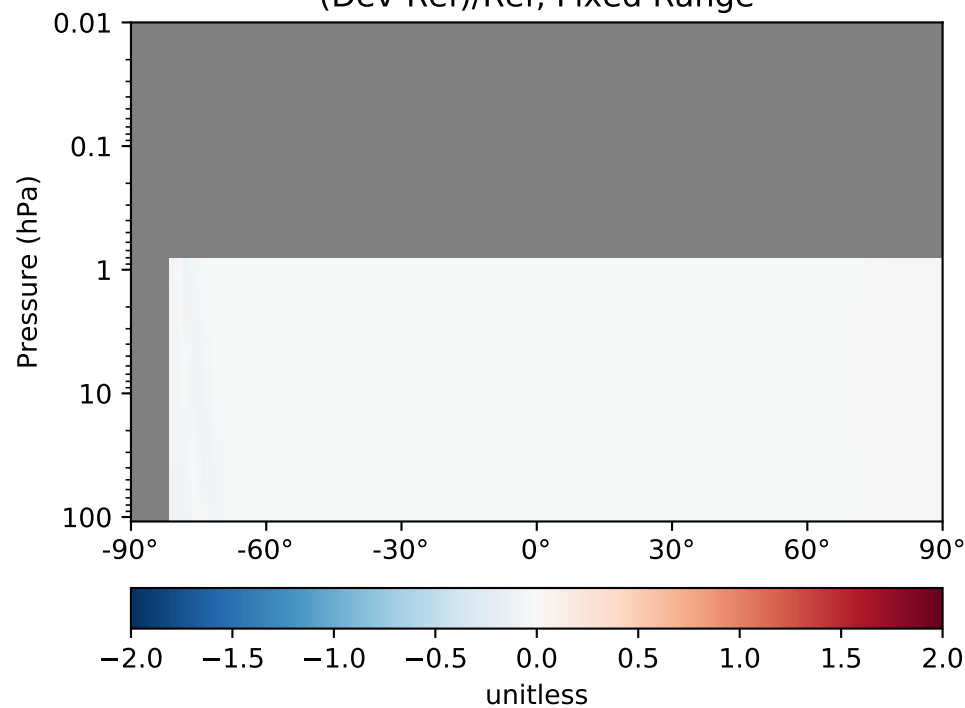
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



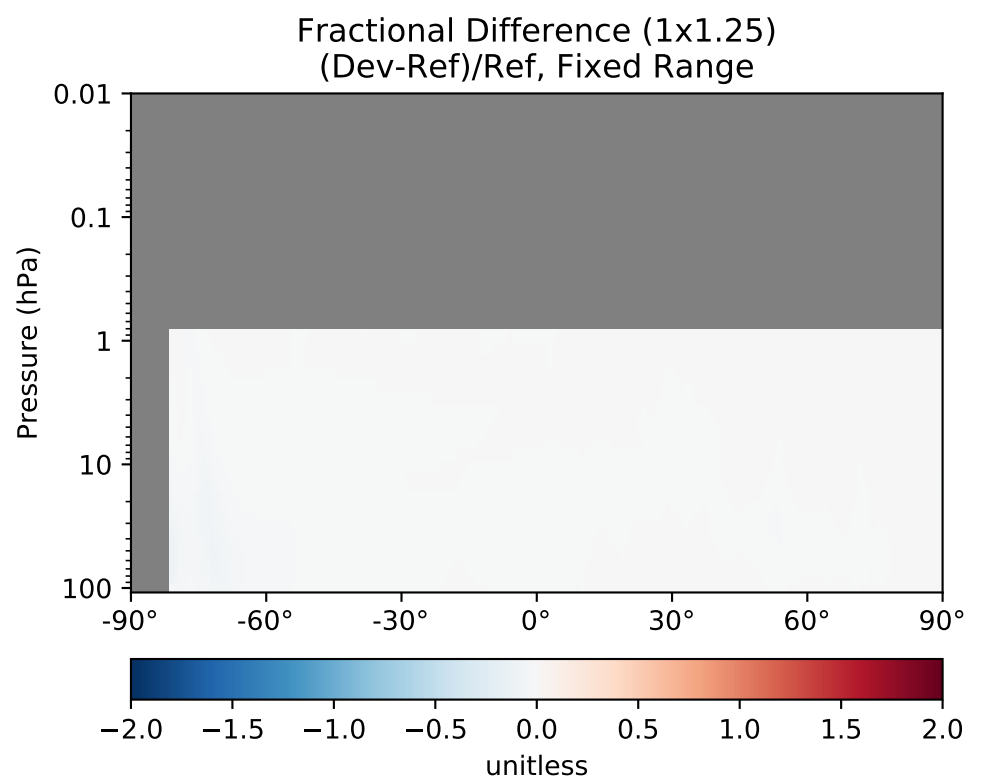
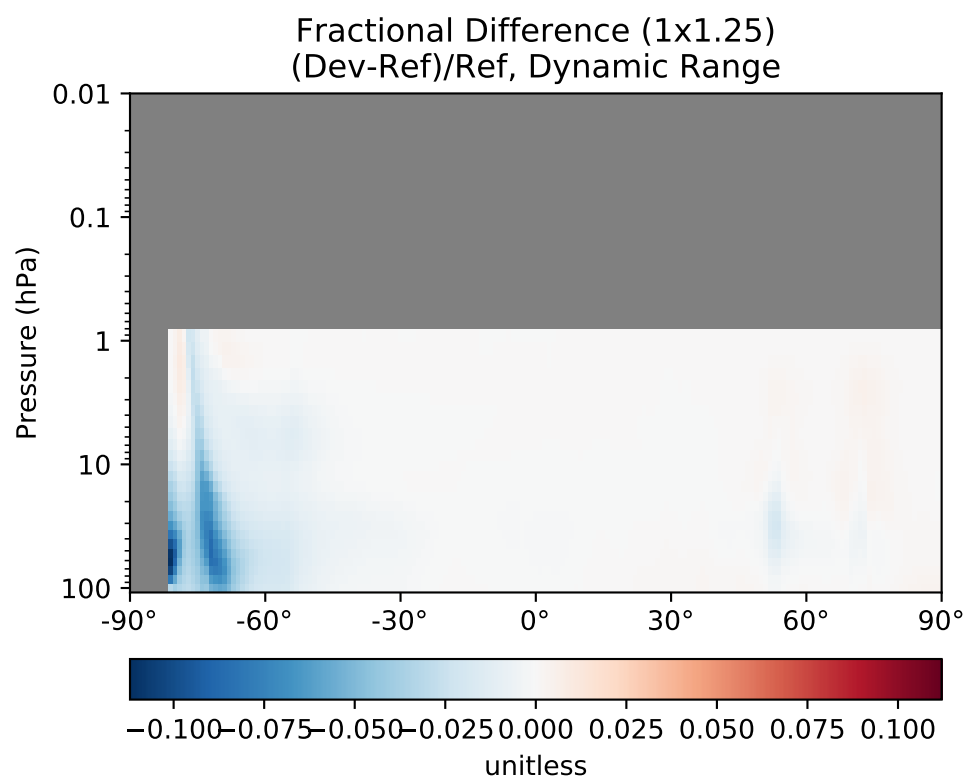
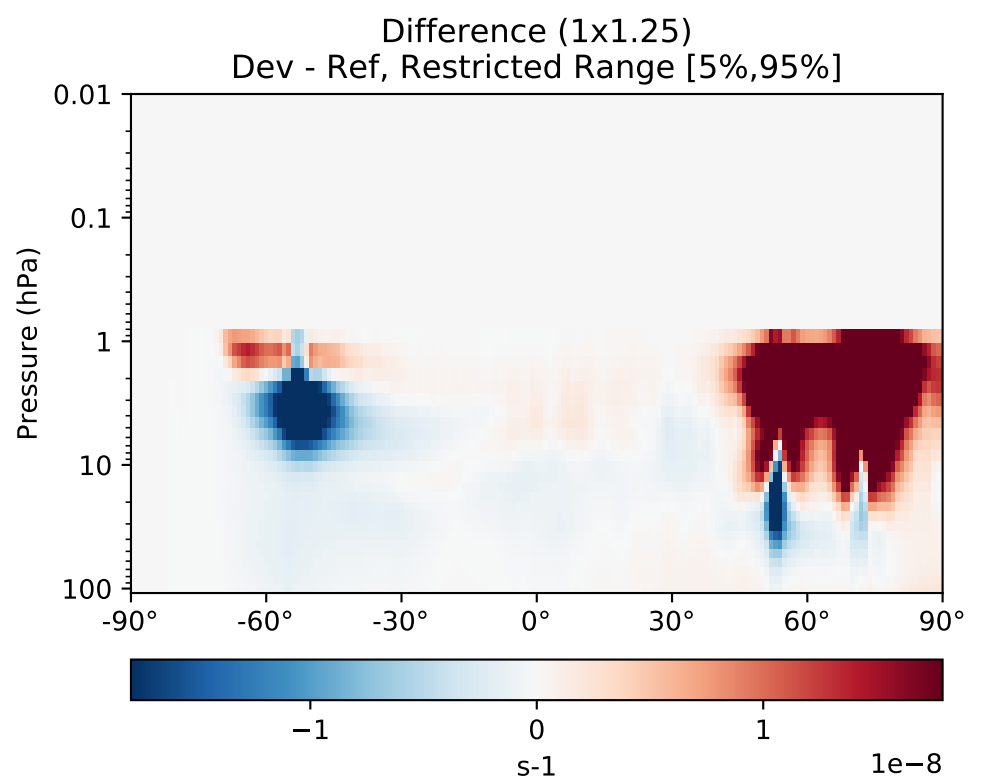
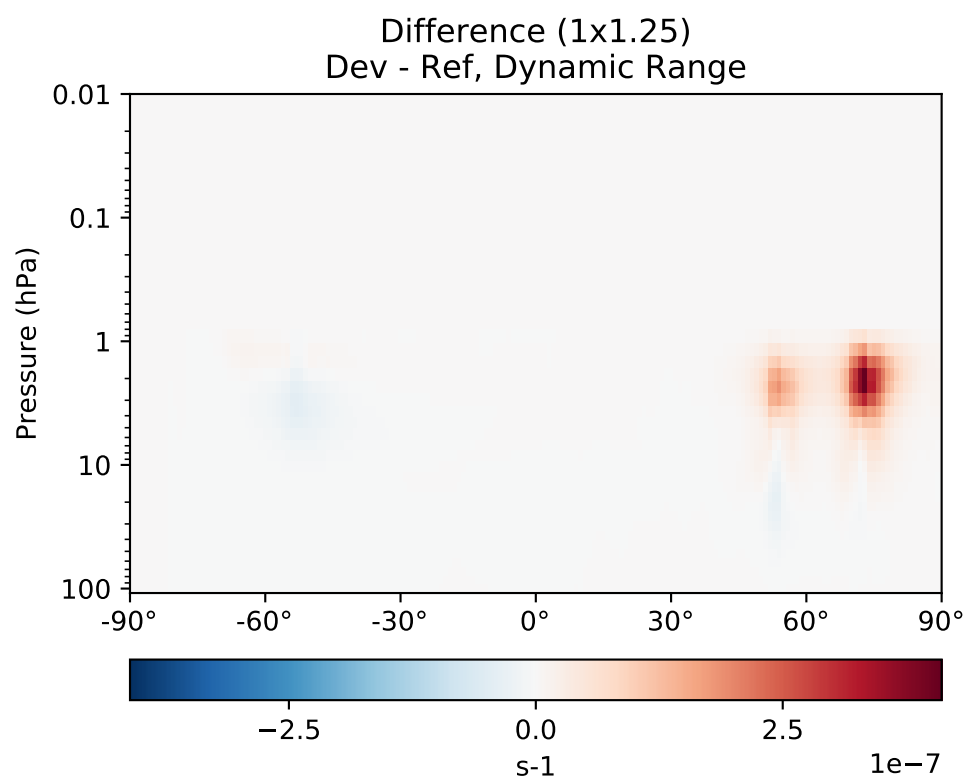
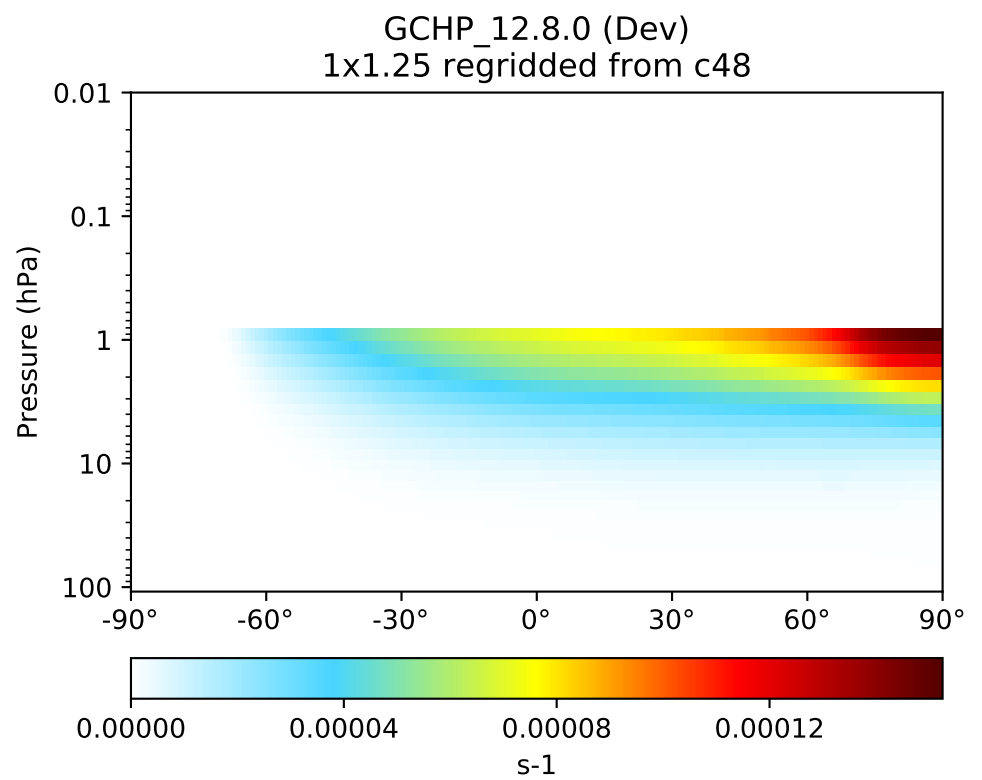
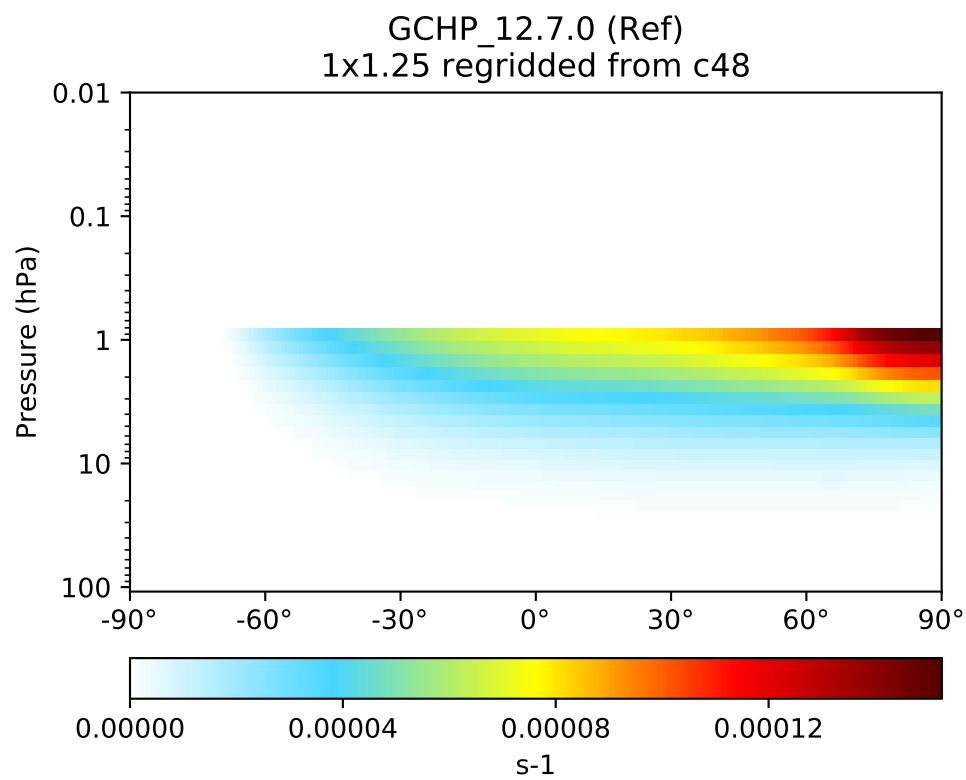
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

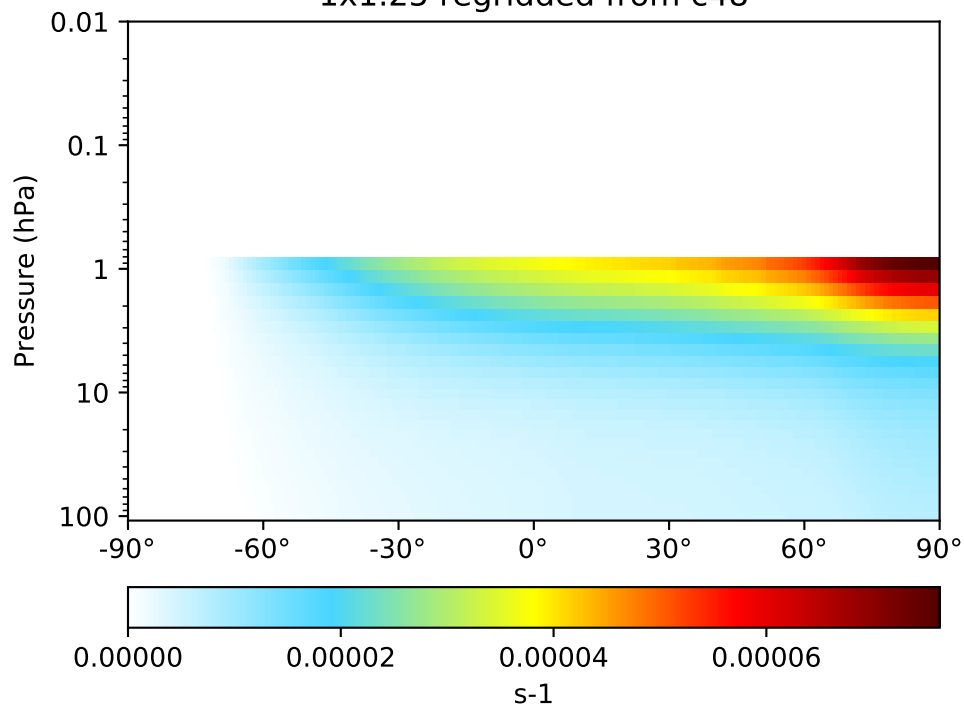


Jval_PAN, Zonal Mean

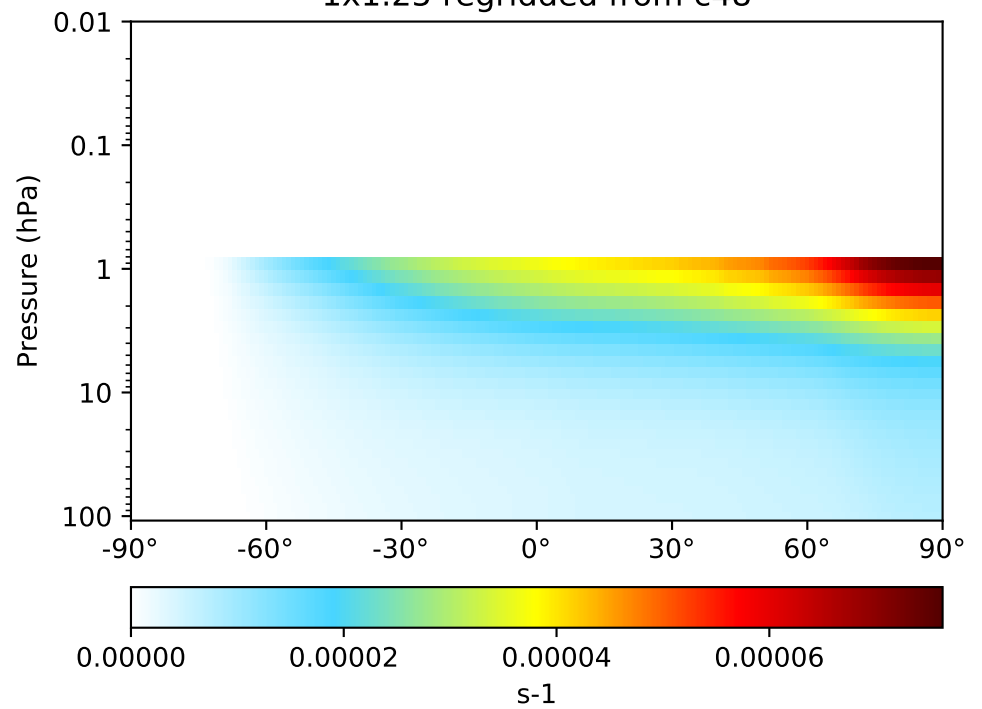


Jval_PIP, Zonal Mean

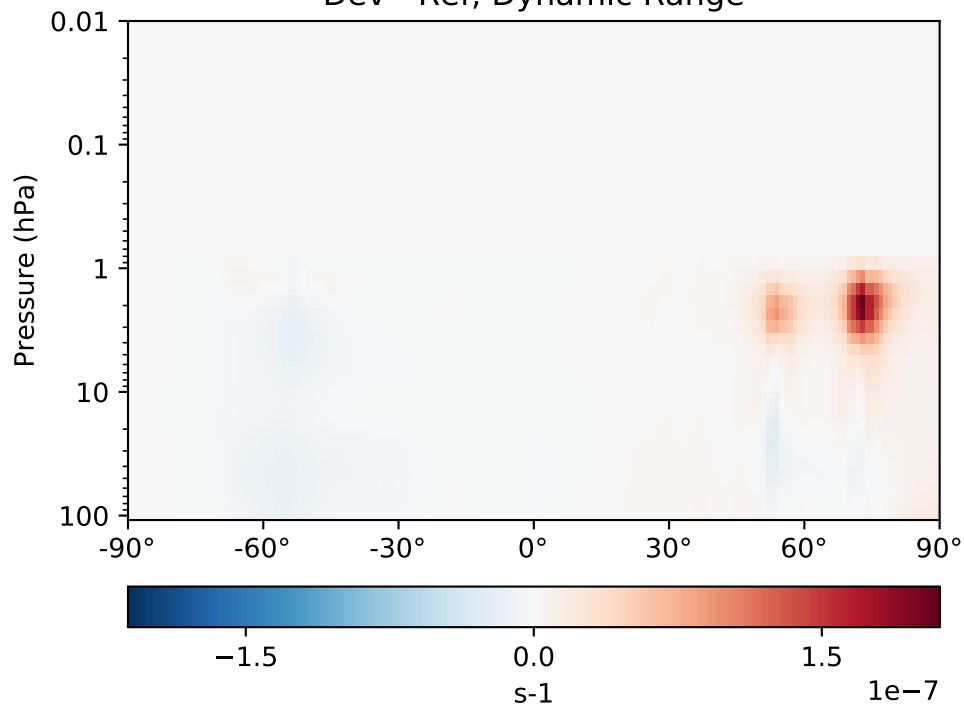
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



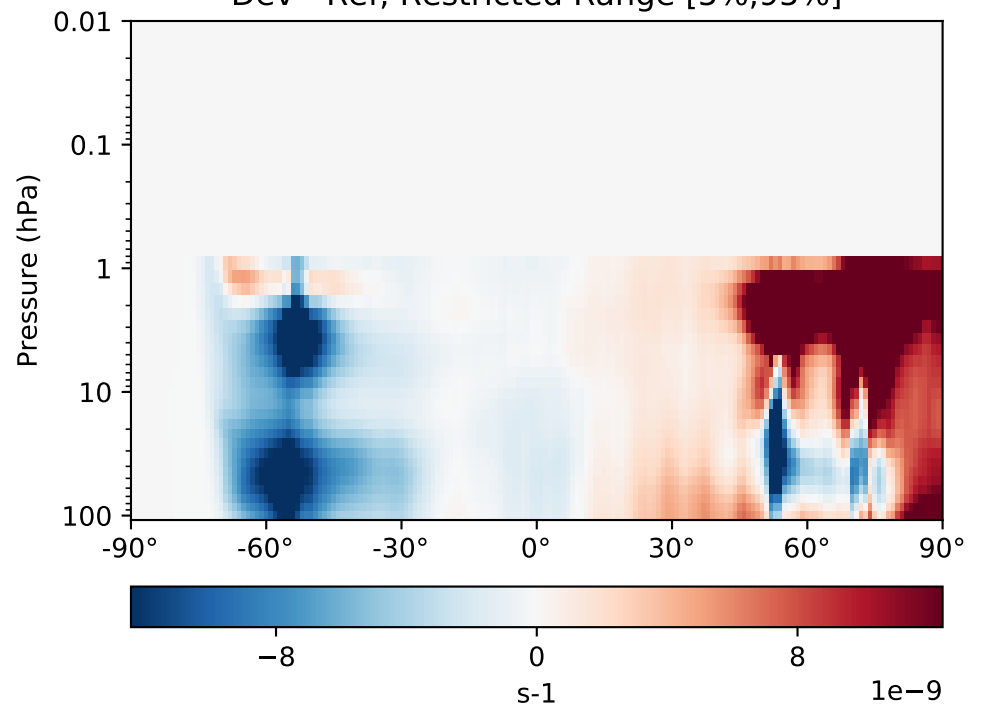
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



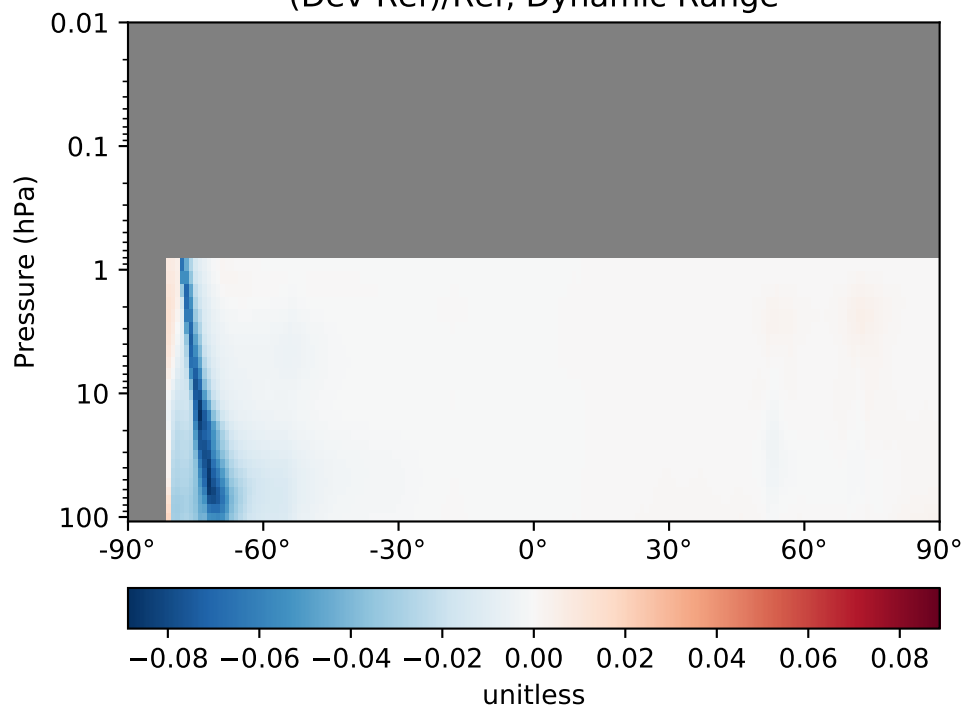
Difference (1x1.25)
Dev - Ref, Dynamic Range



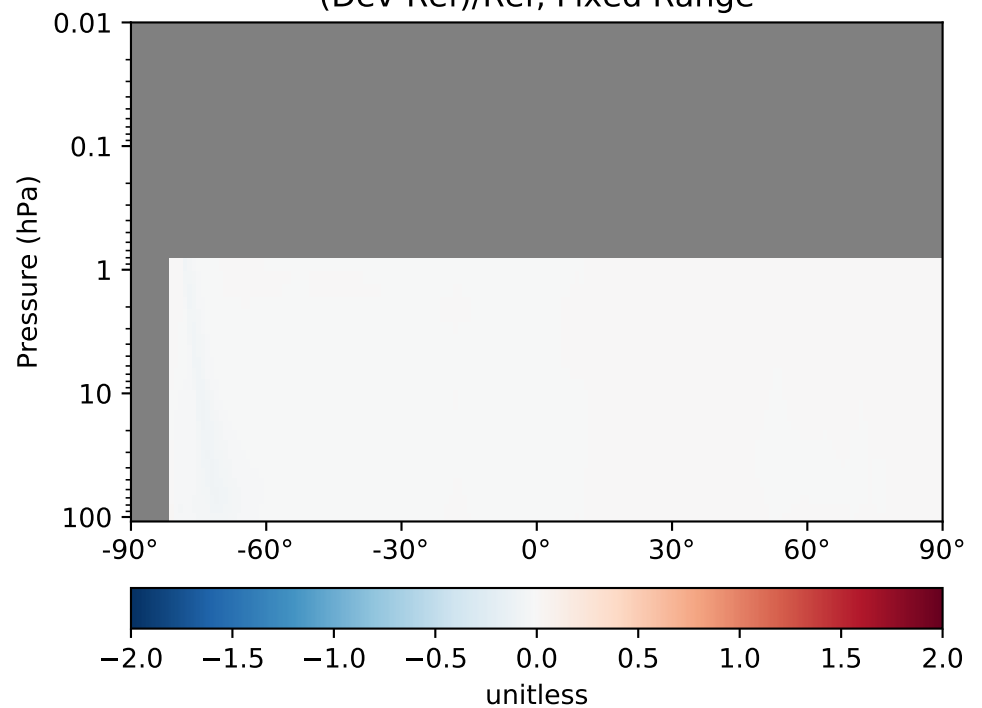
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

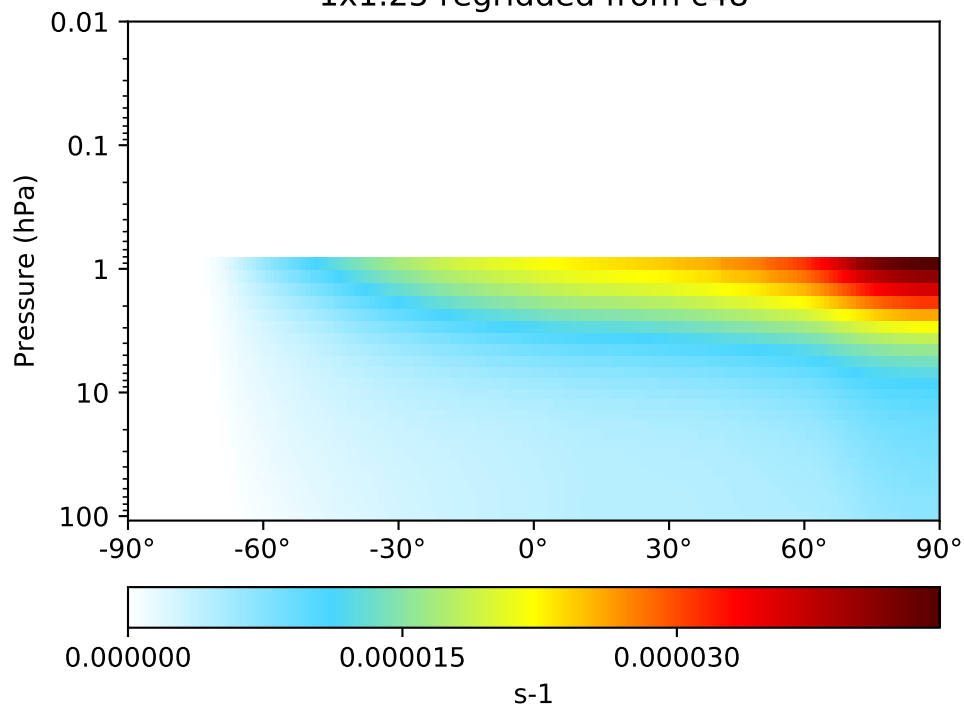


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

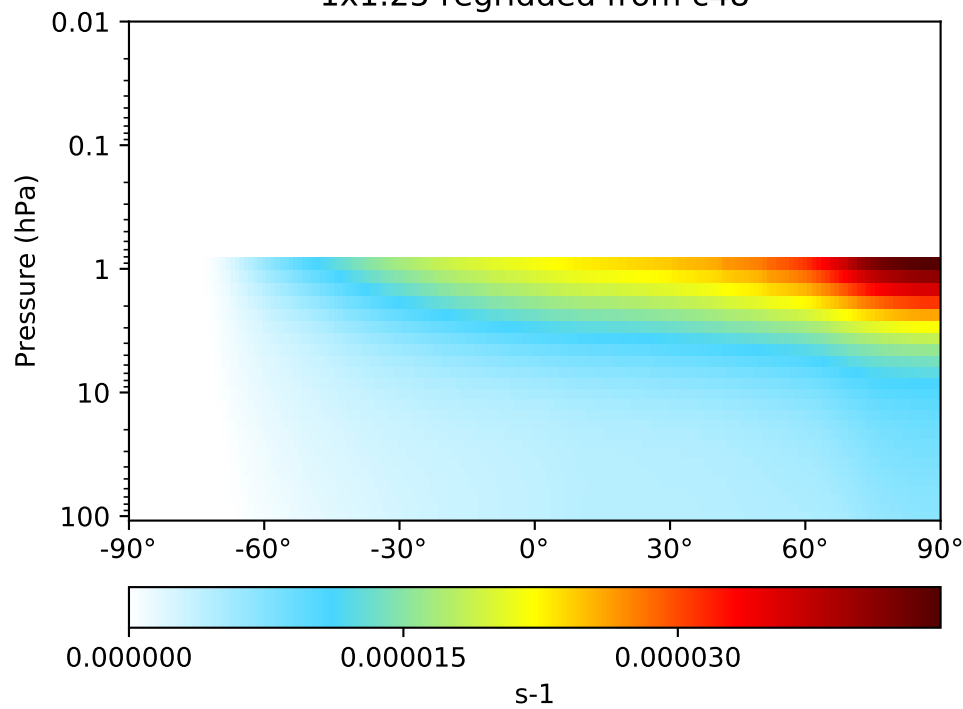


Jval_PP, Zonal Mean

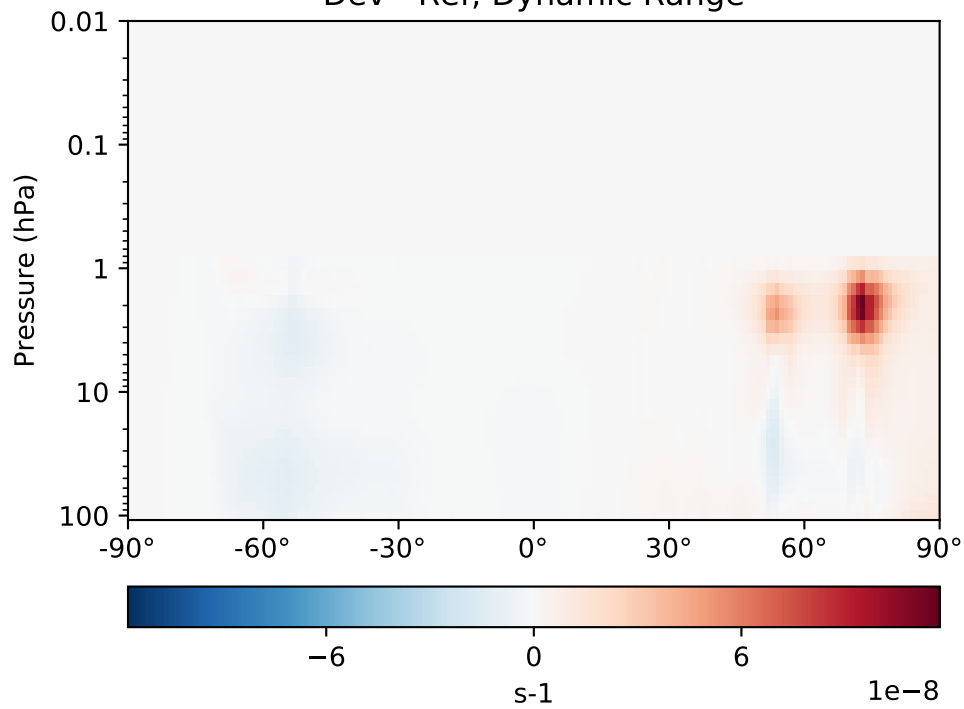
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



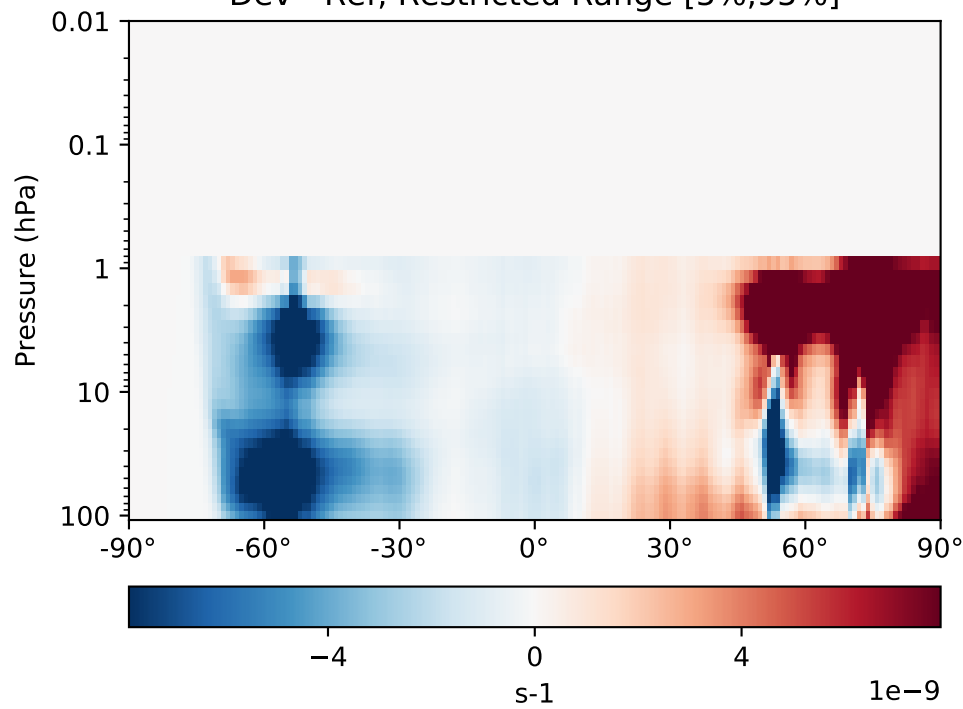
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



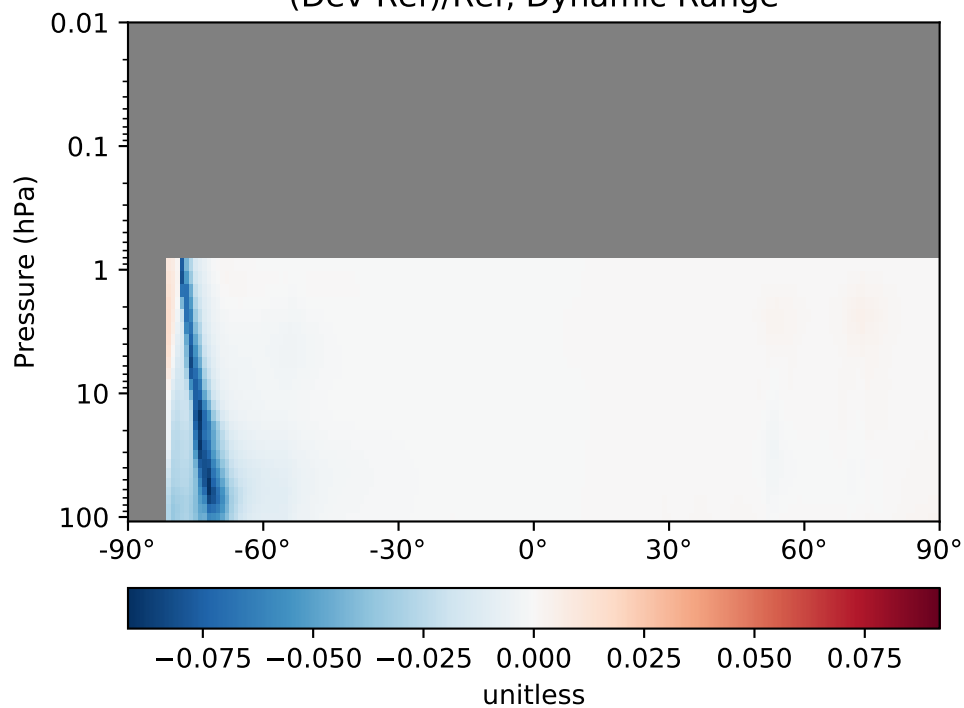
Difference (1x1.25)
Dev - Ref, Dynamic Range



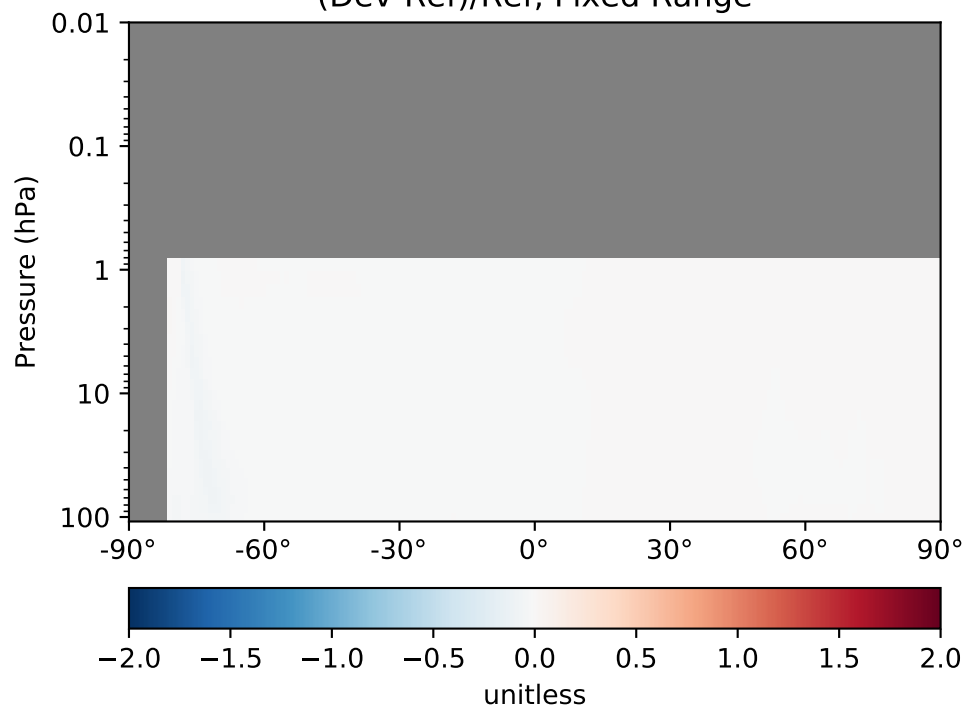
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

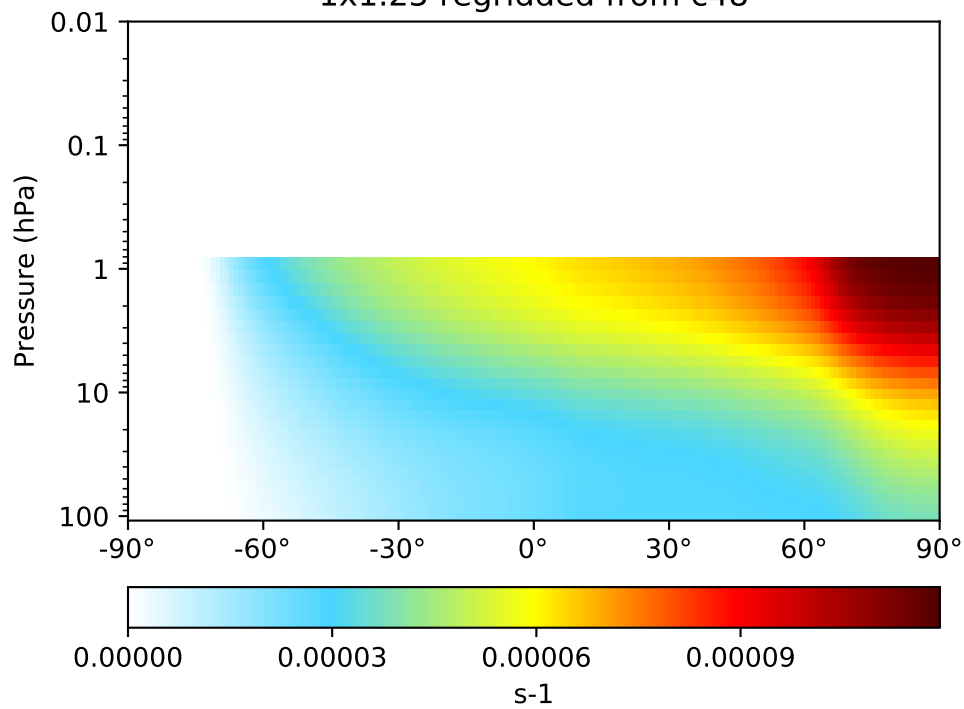


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

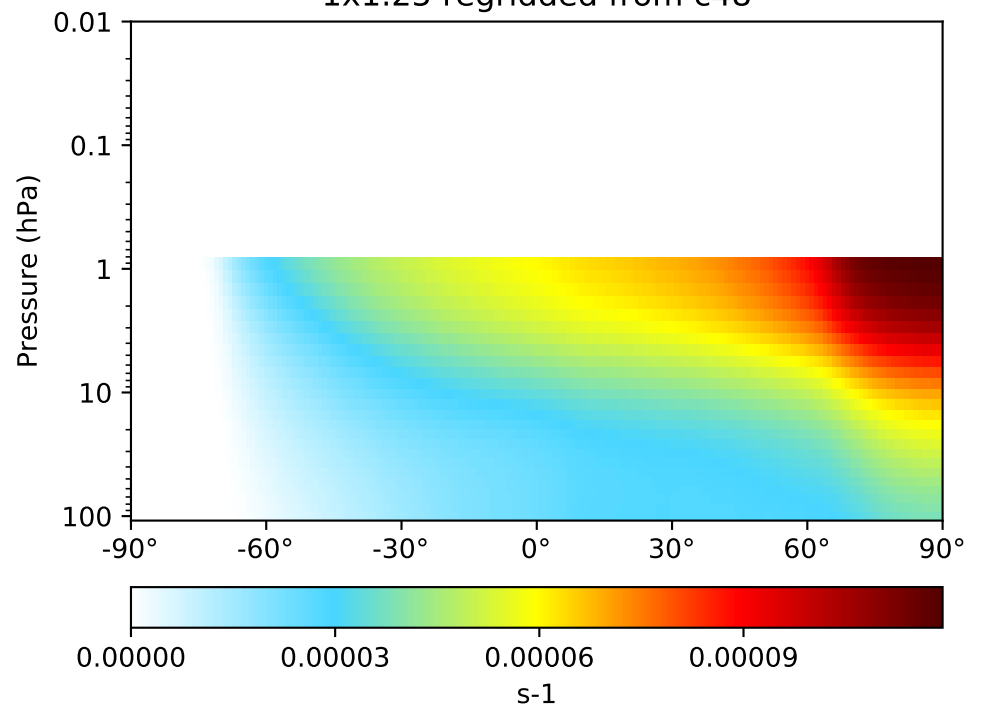


Jval_PROPNN, Zonal Mean

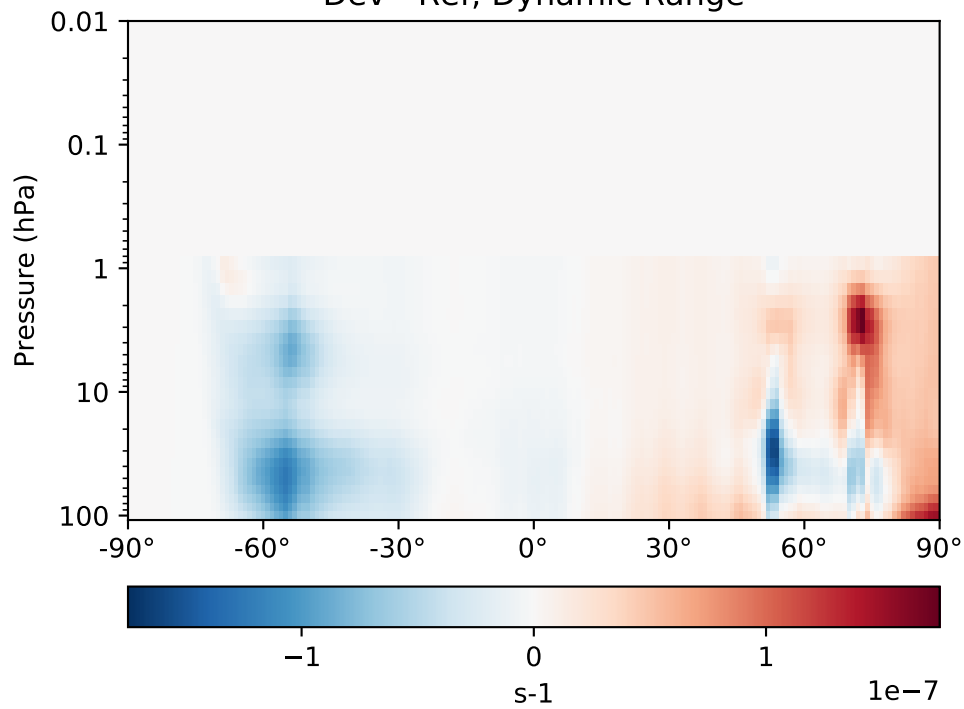
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



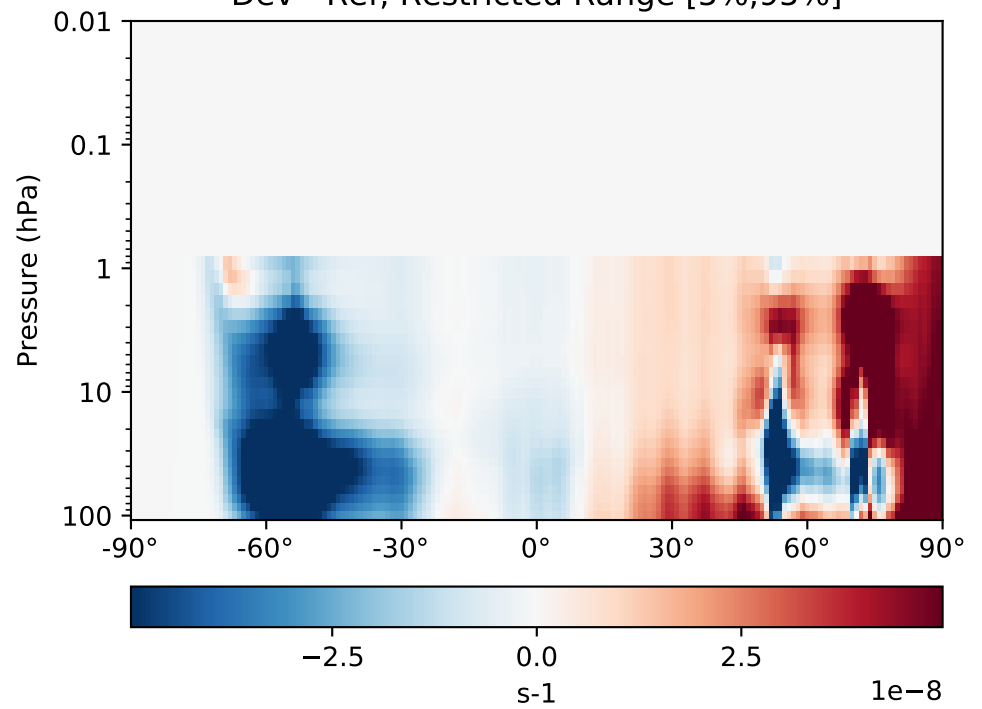
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



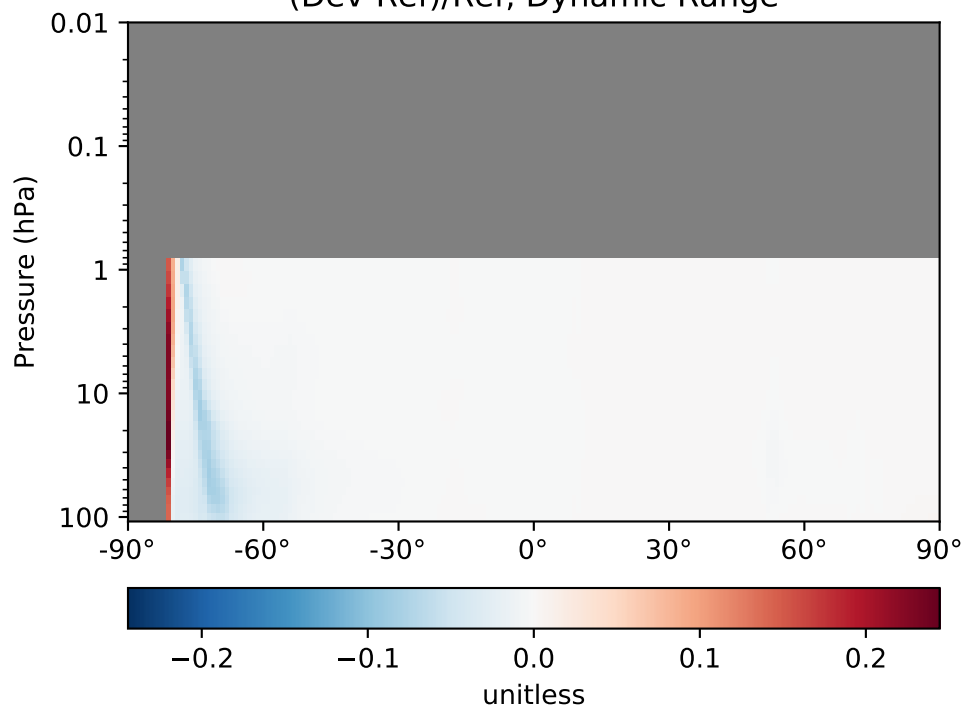
Difference (1x1.25)
Dev - Ref, Dynamic Range



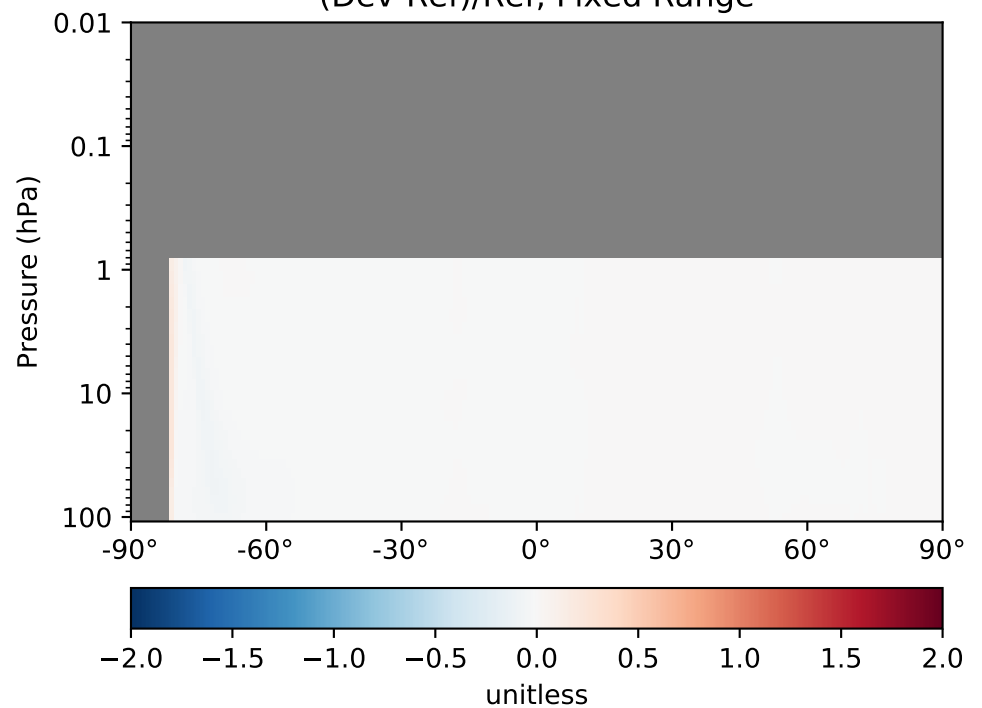
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

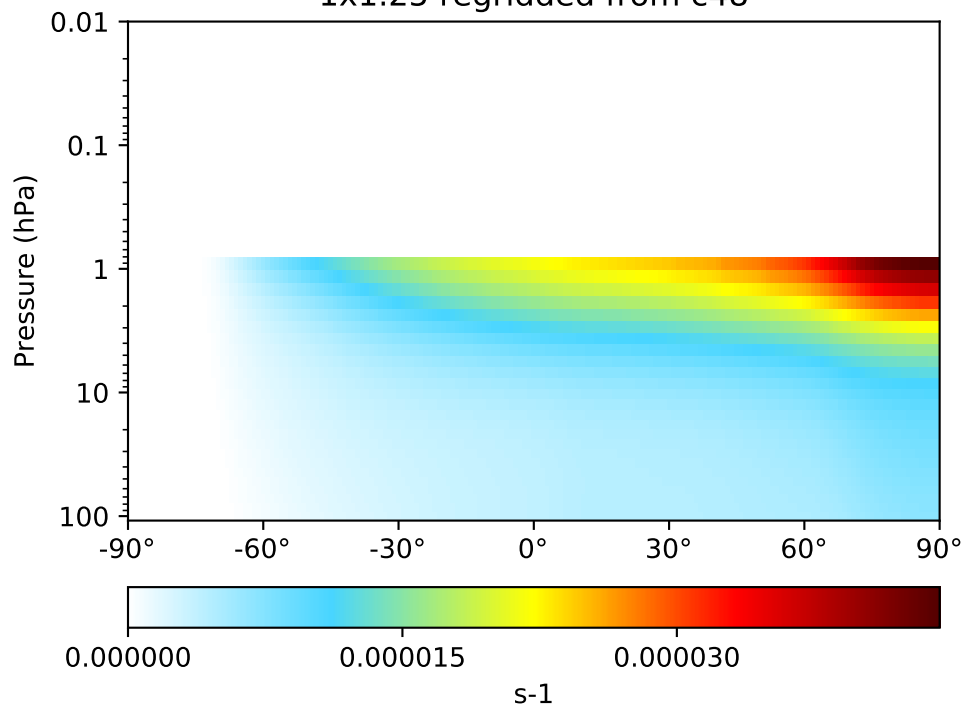


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

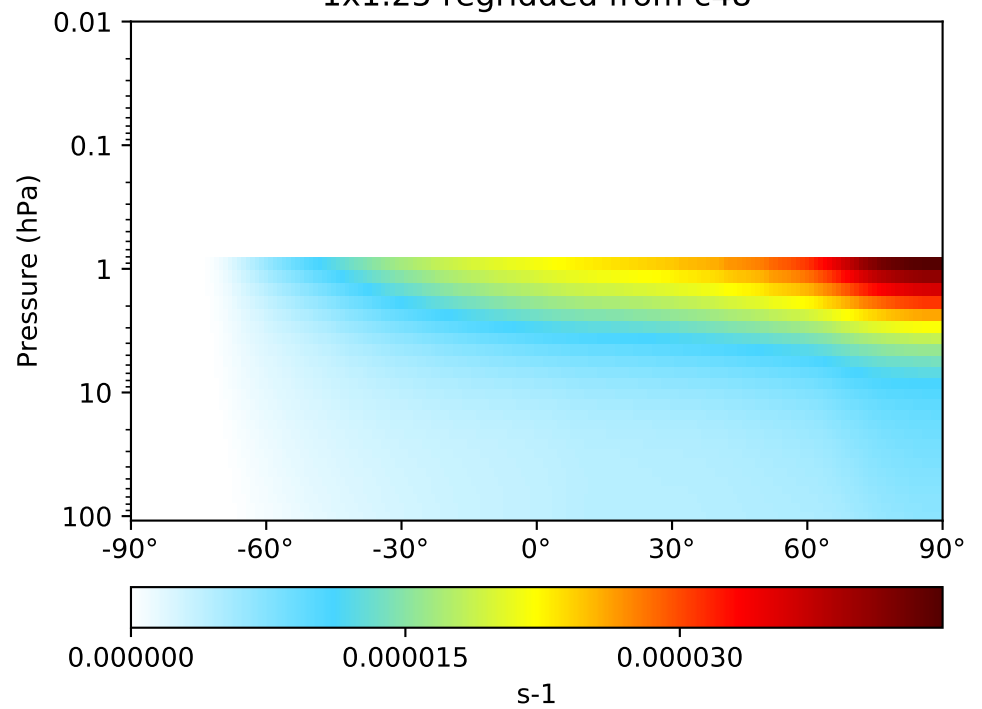


Jval_PRPN, Zonal Mean

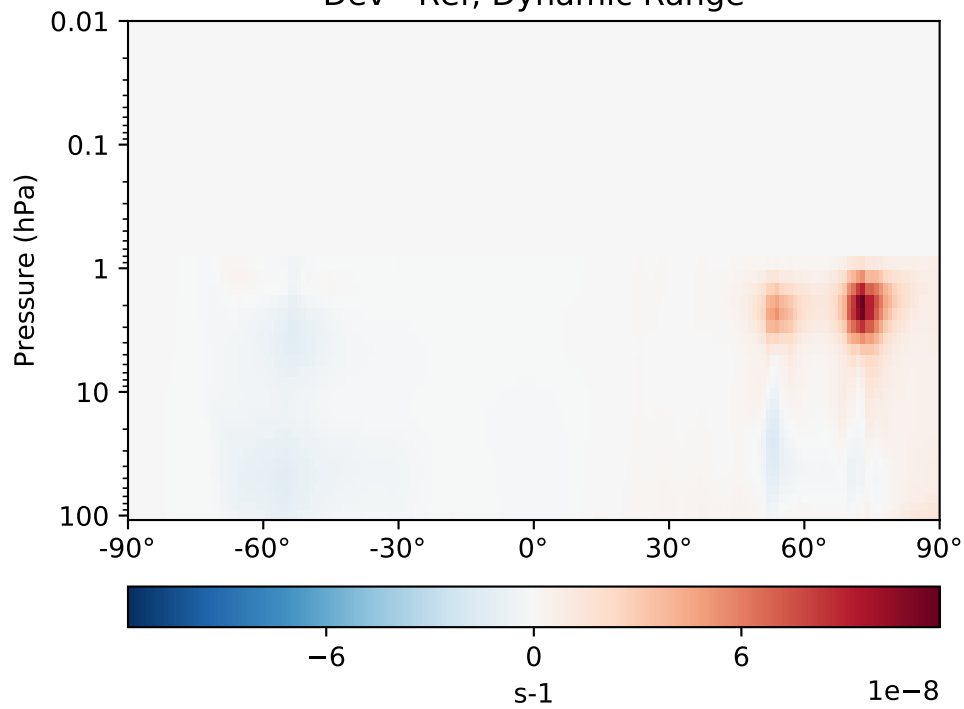
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



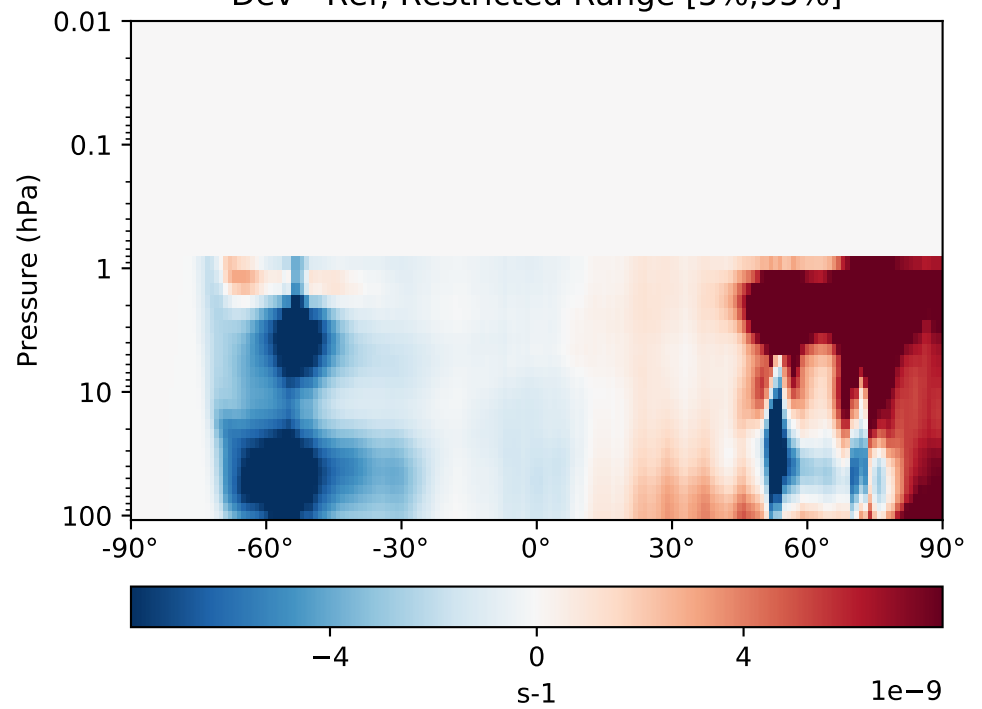
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



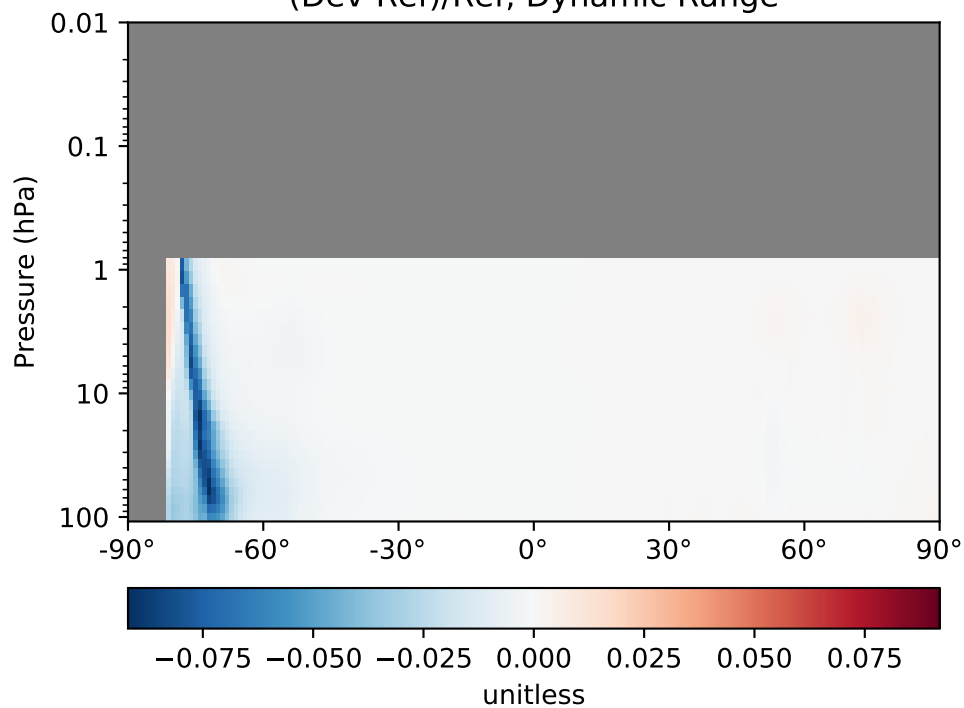
Difference (1x1.25)
Dev - Ref, Dynamic Range



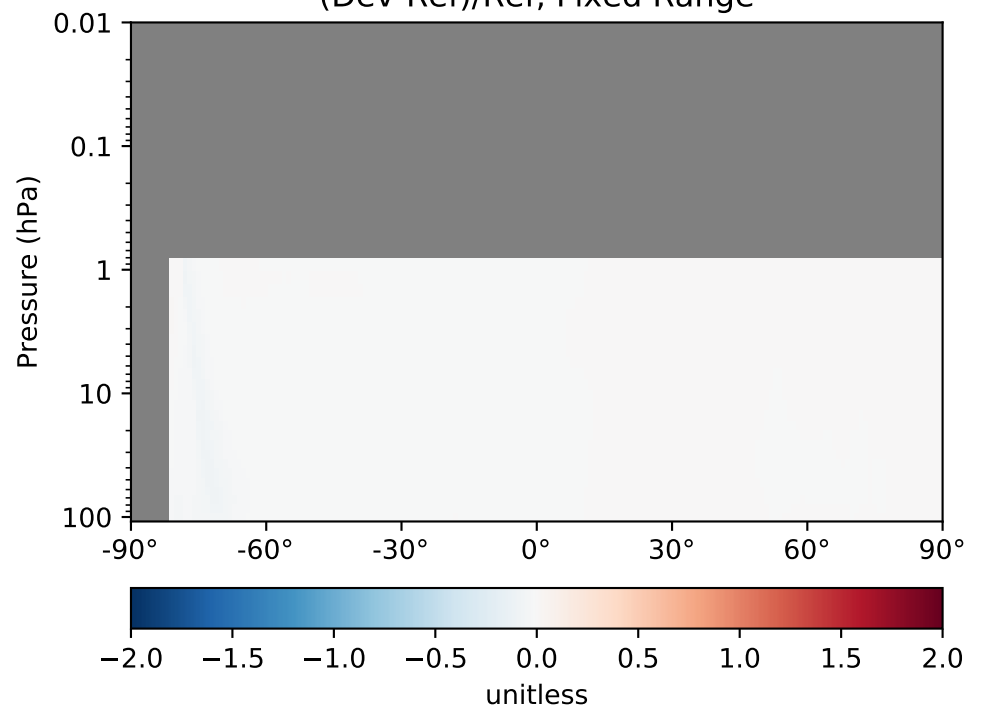
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



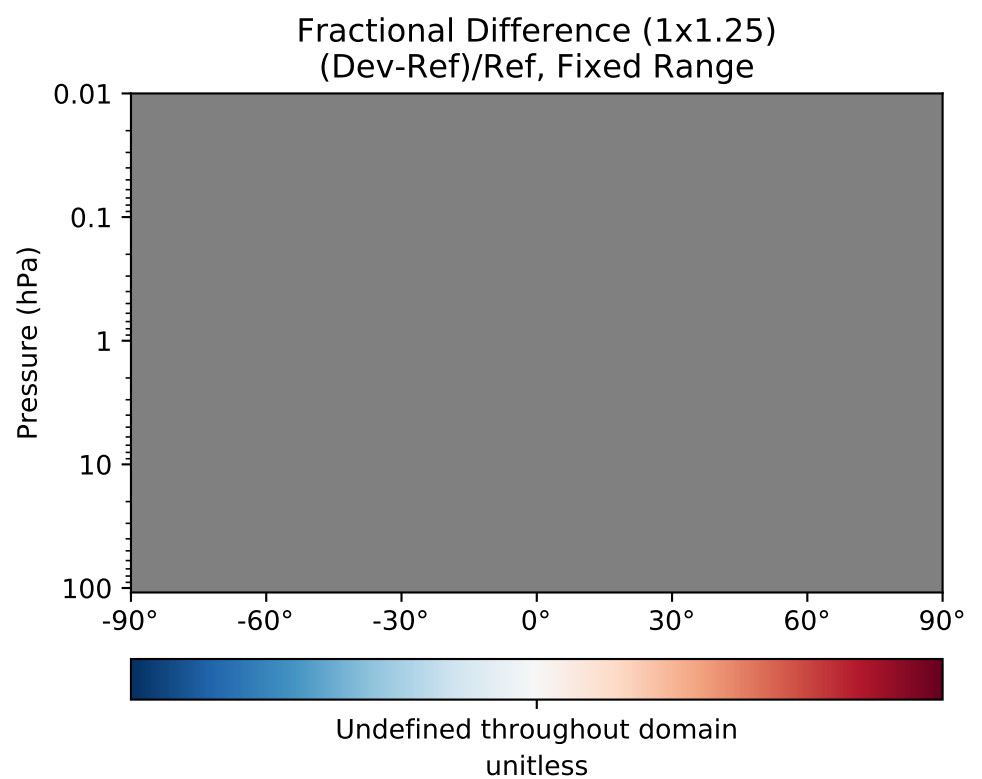
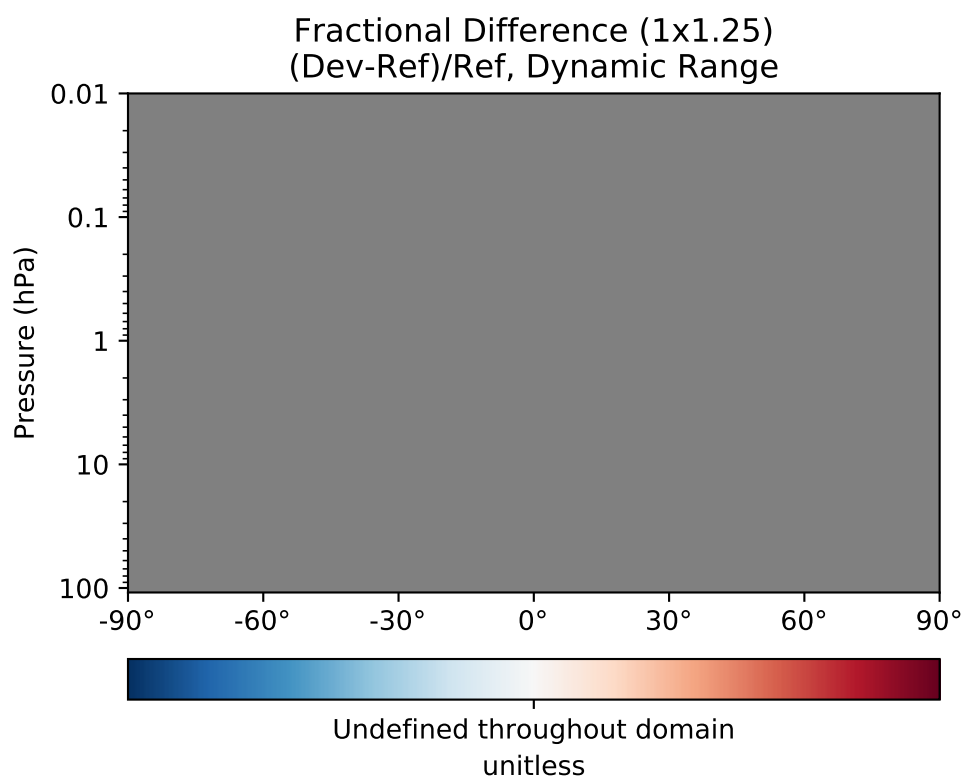
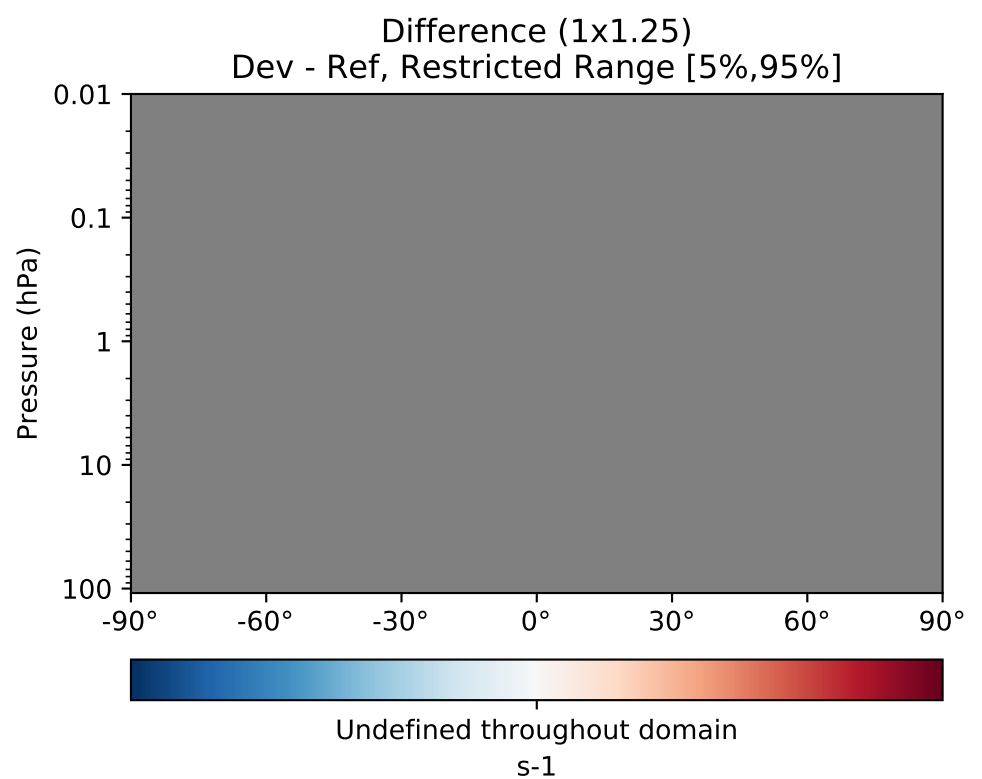
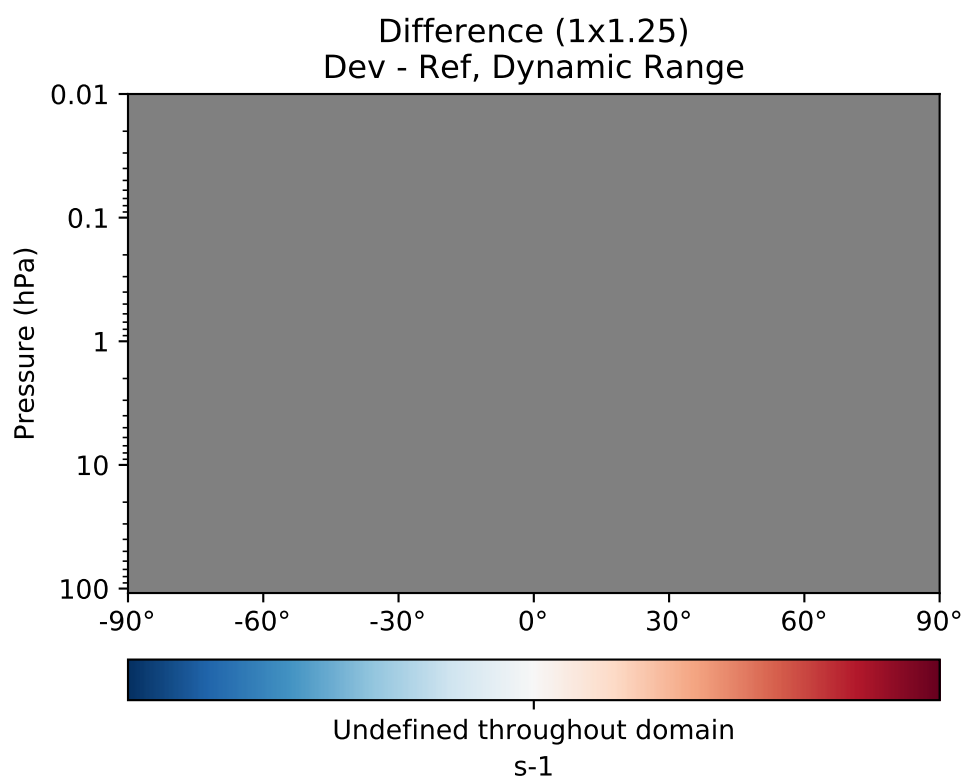
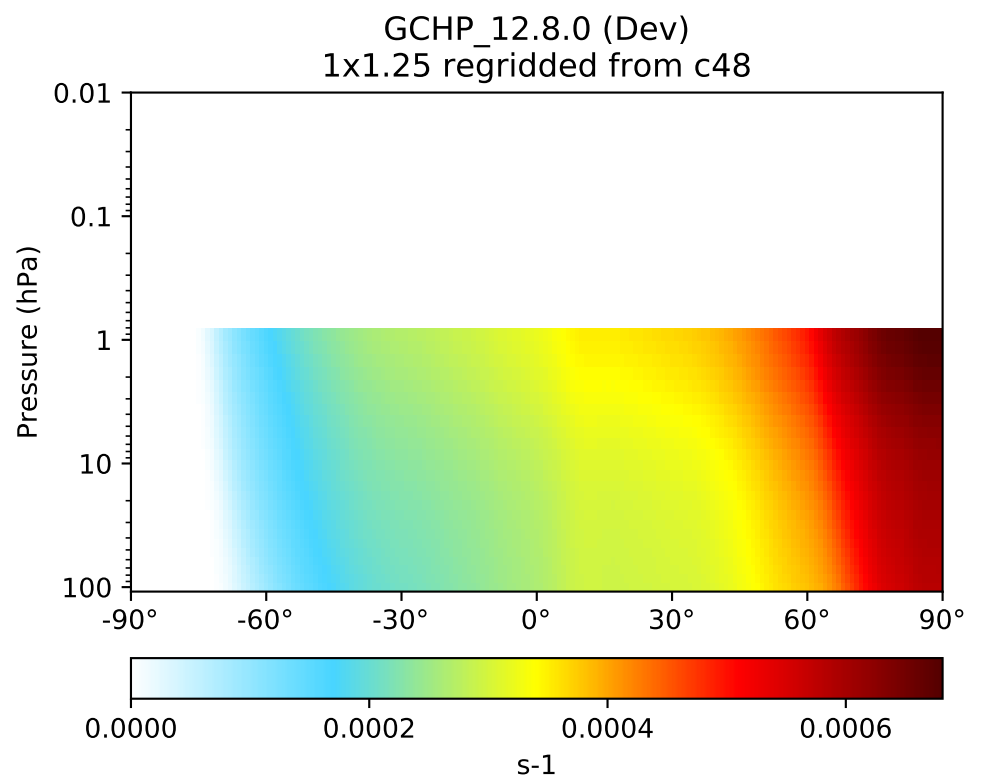
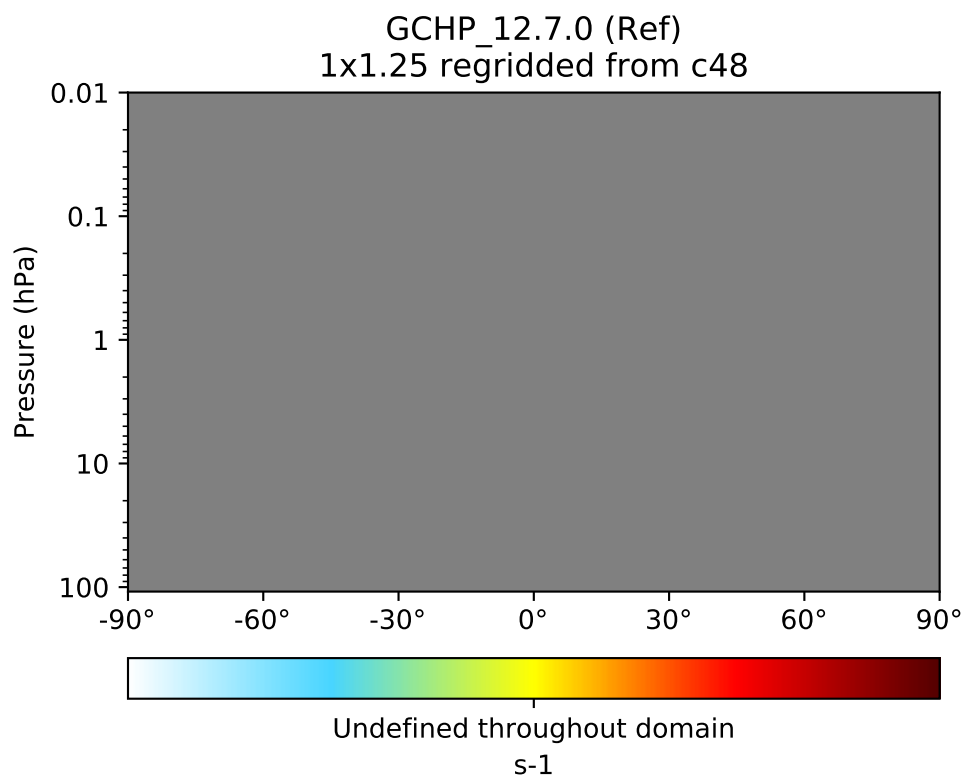
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



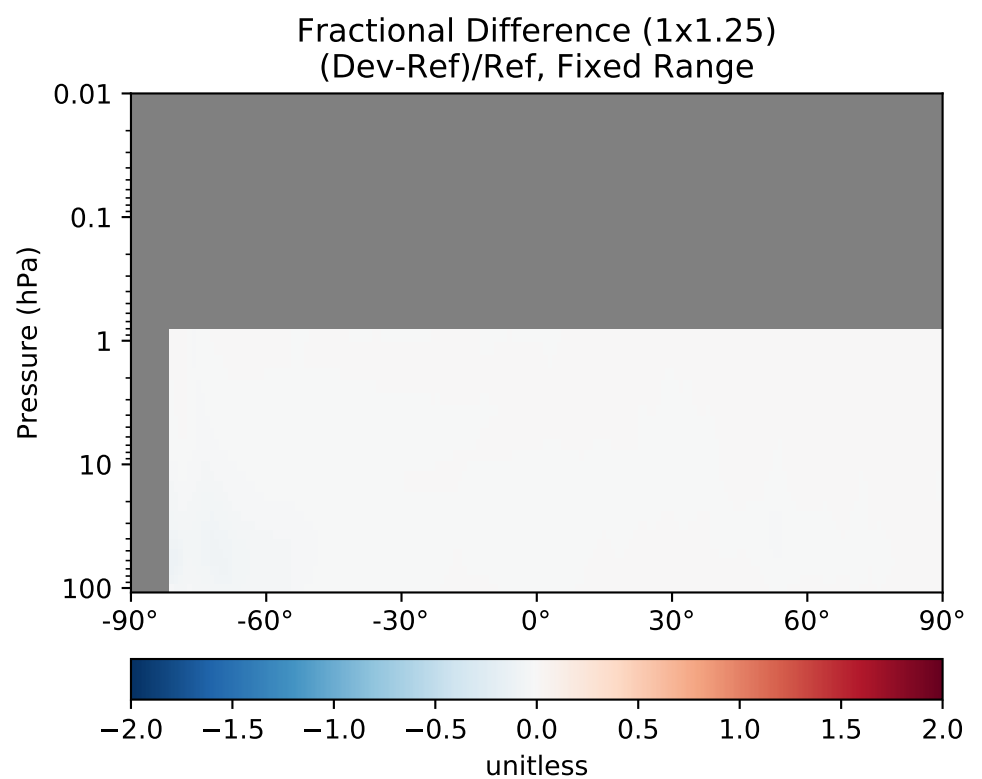
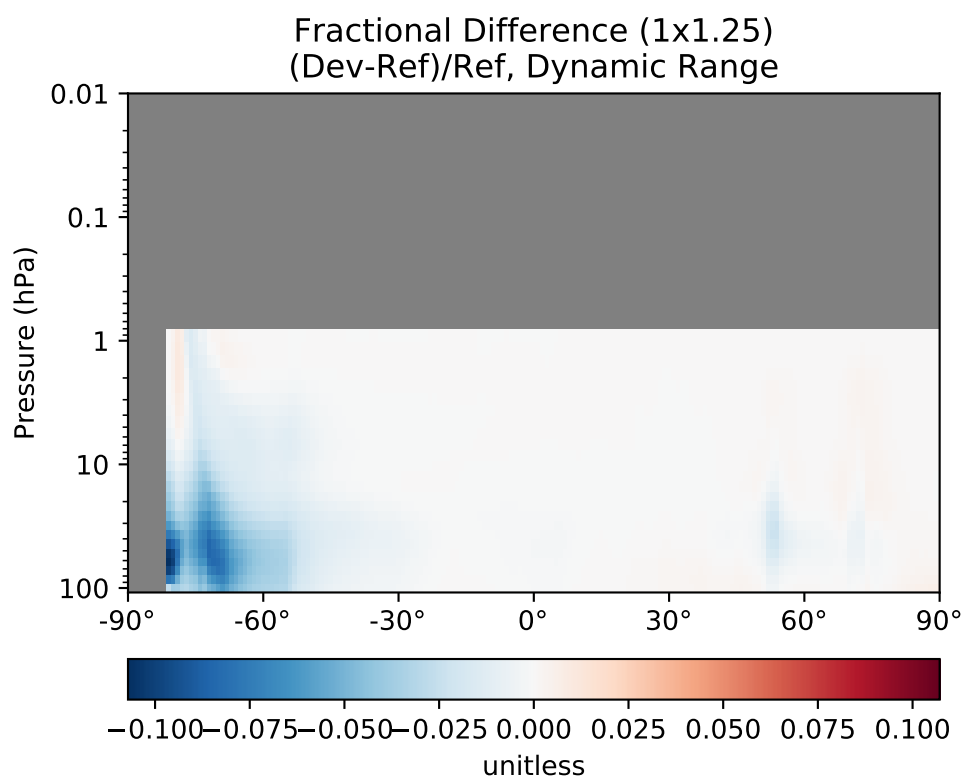
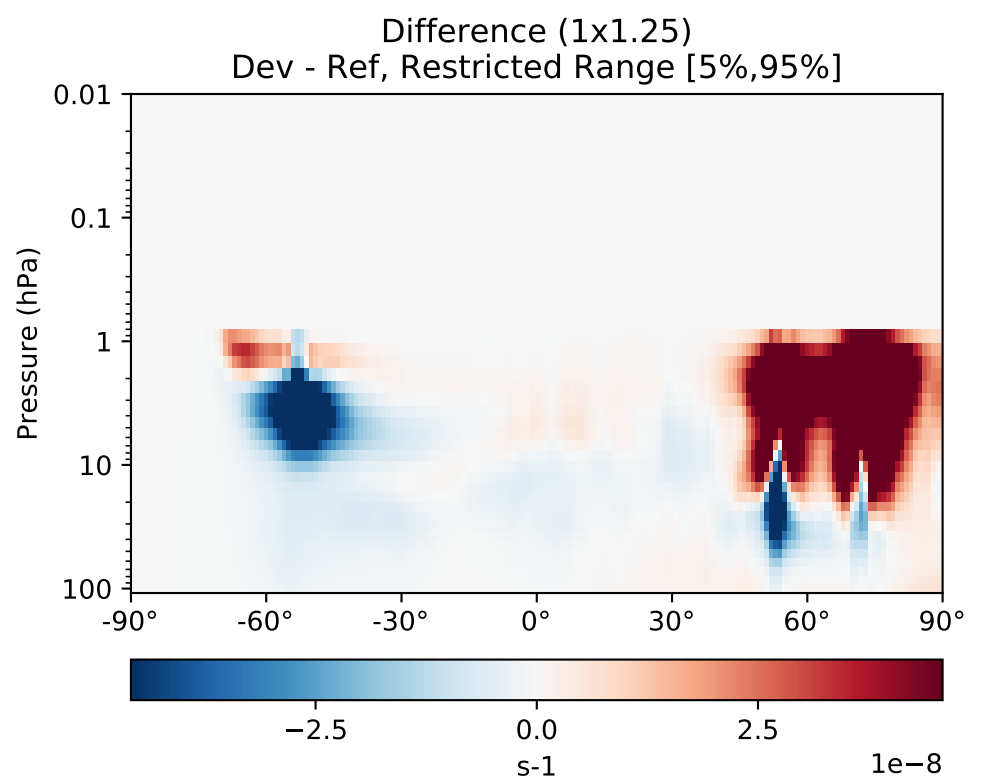
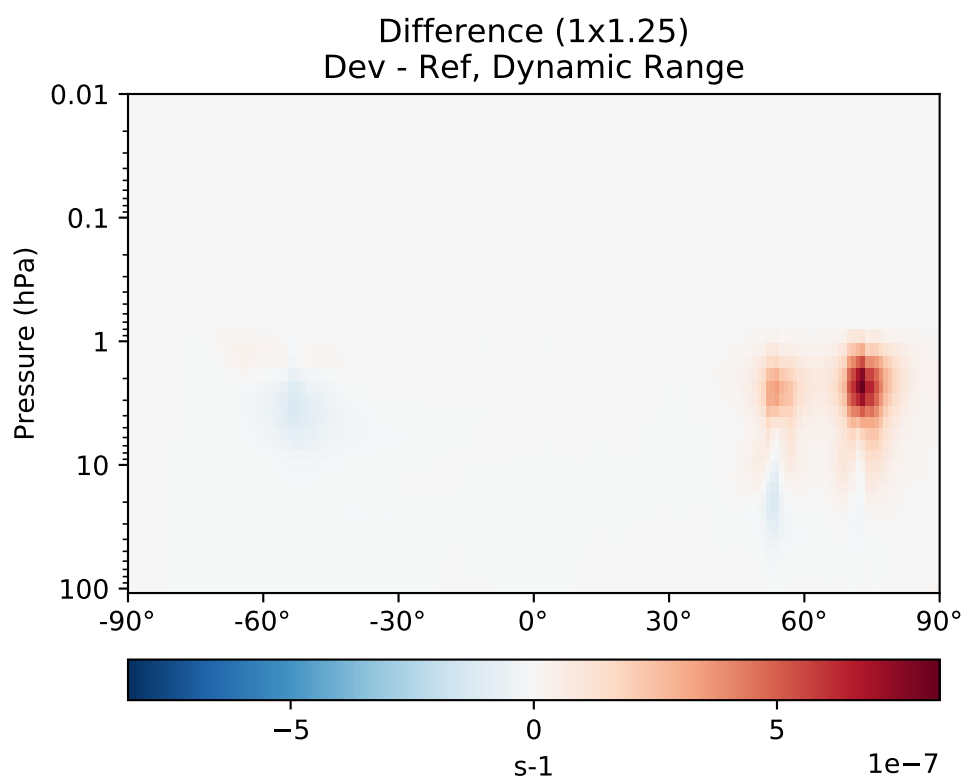
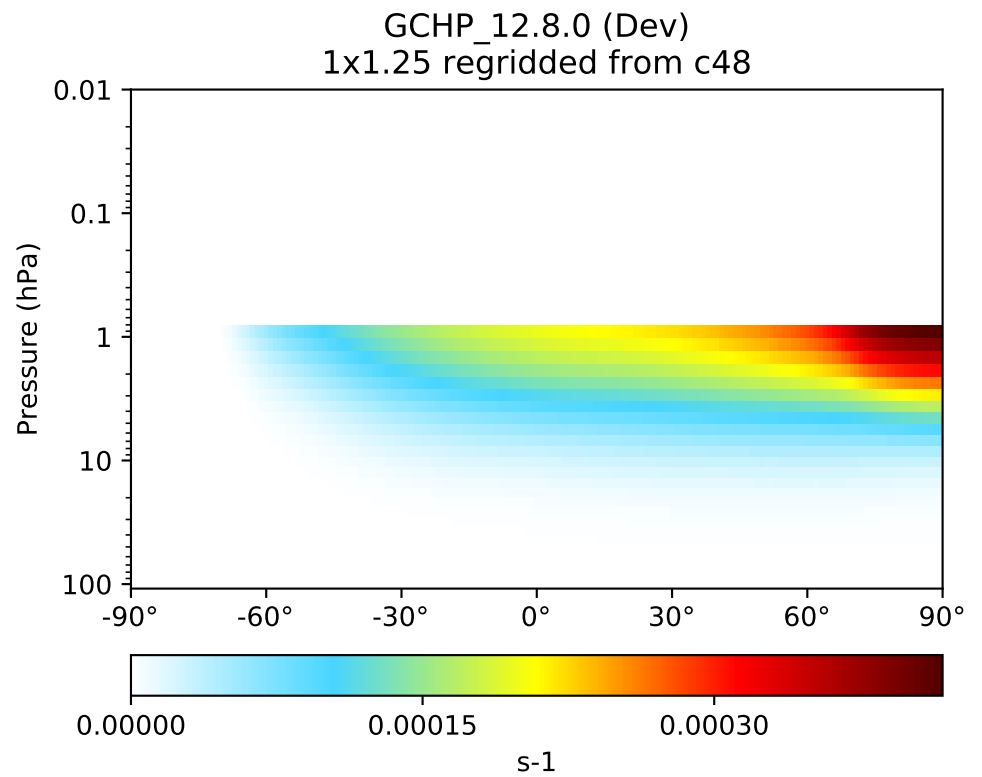
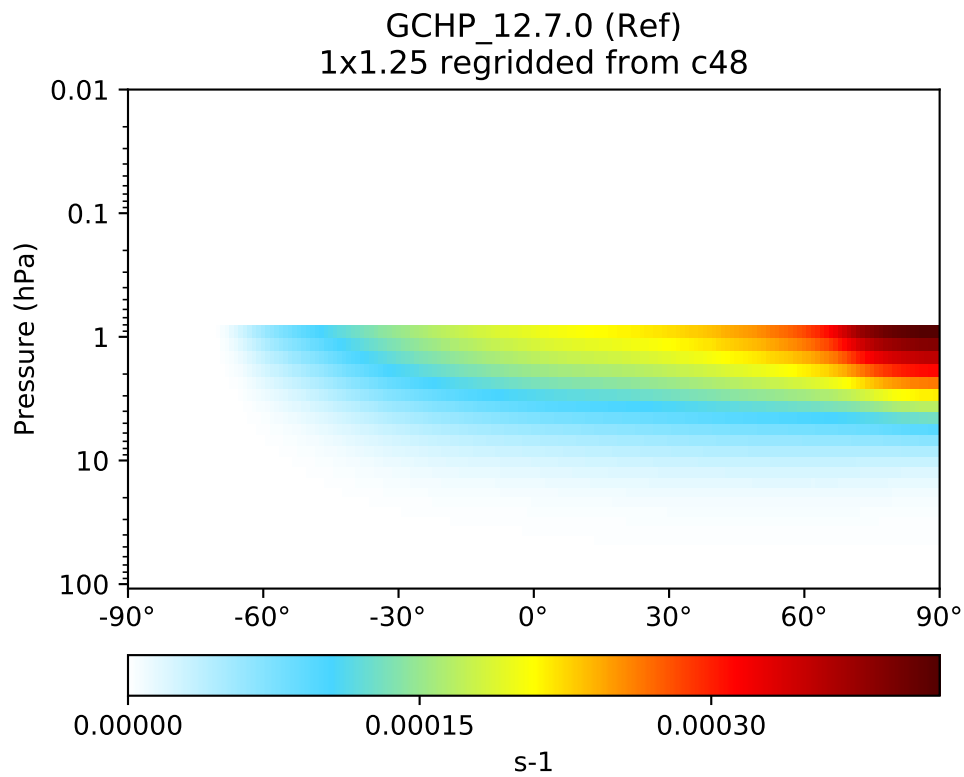
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_PYAC, Zonal Mean

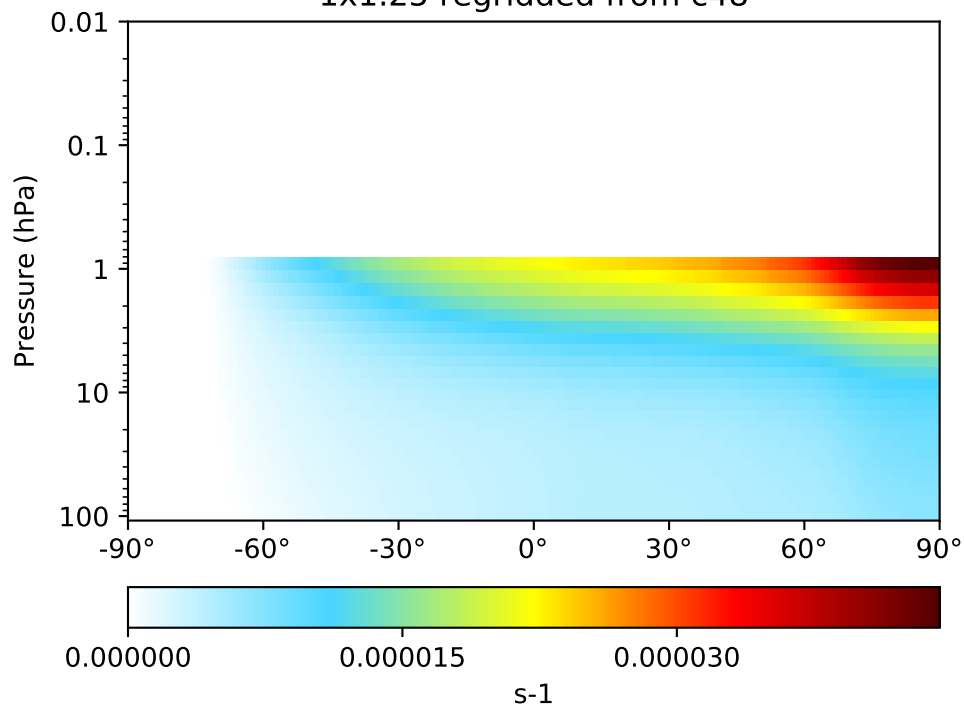


Jval_R4N2, Zonal Mean

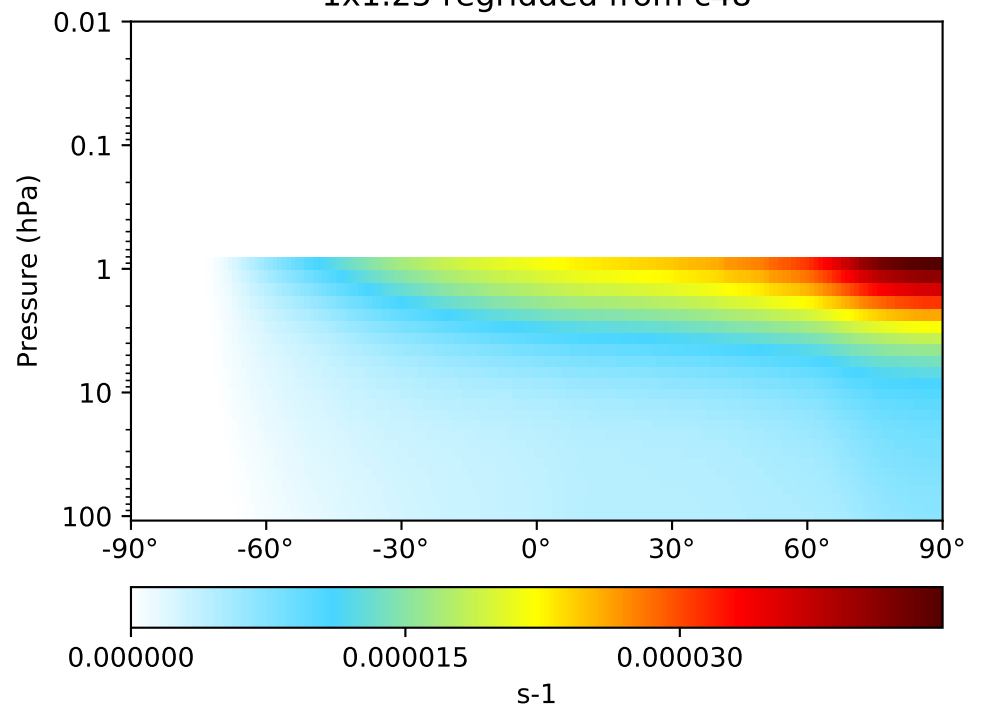


Jval_R4P, Zonal Mean

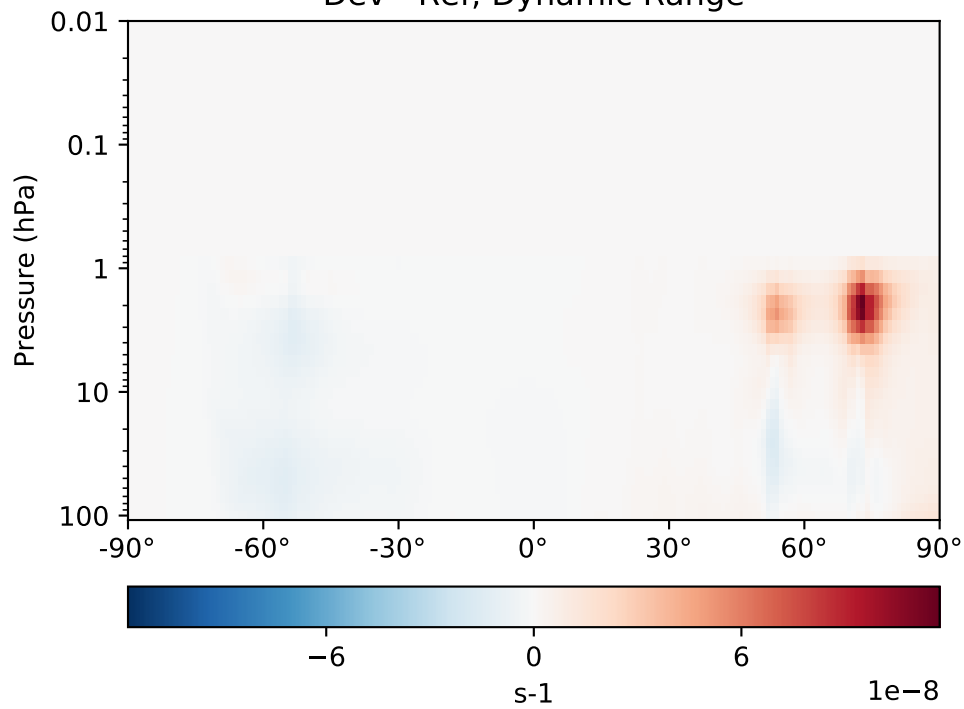
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



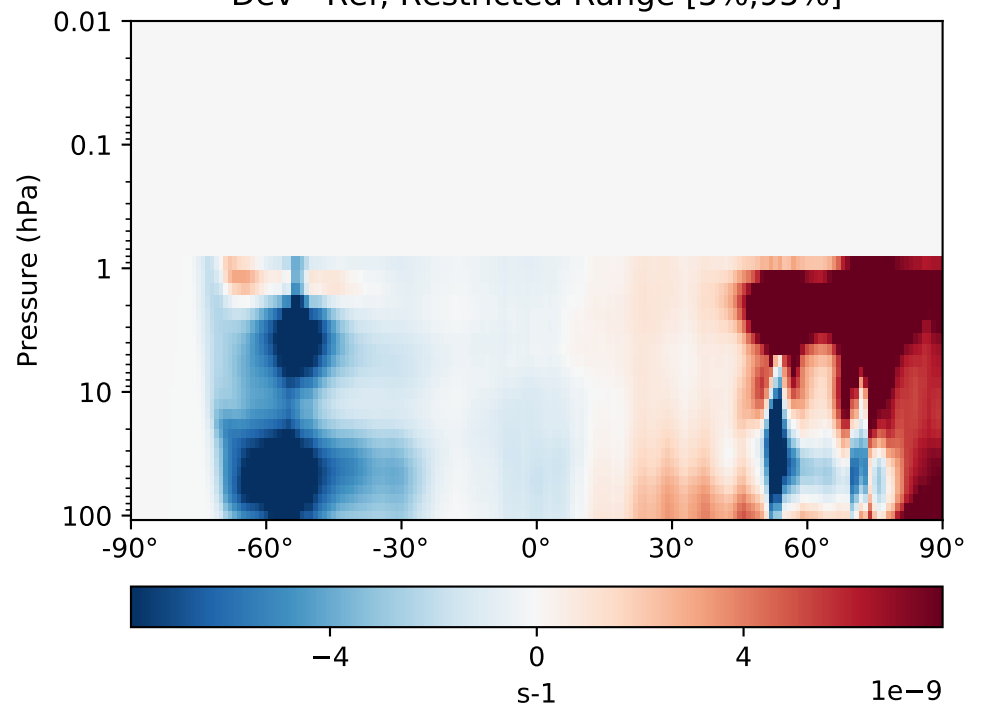
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



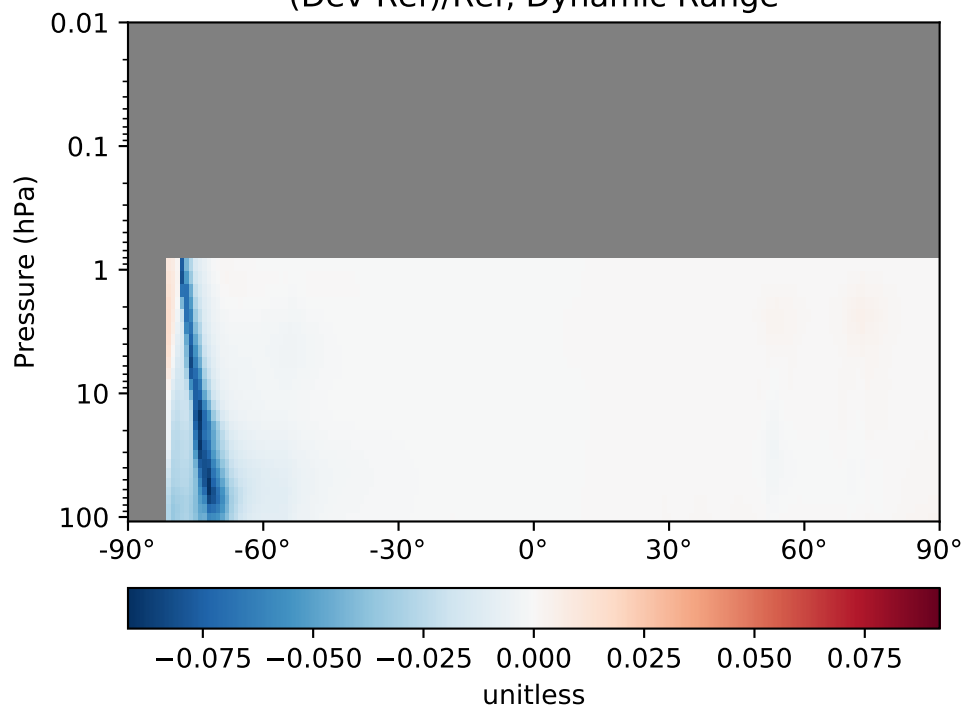
Difference (1x1.25)
Dev - Ref, Dynamic Range



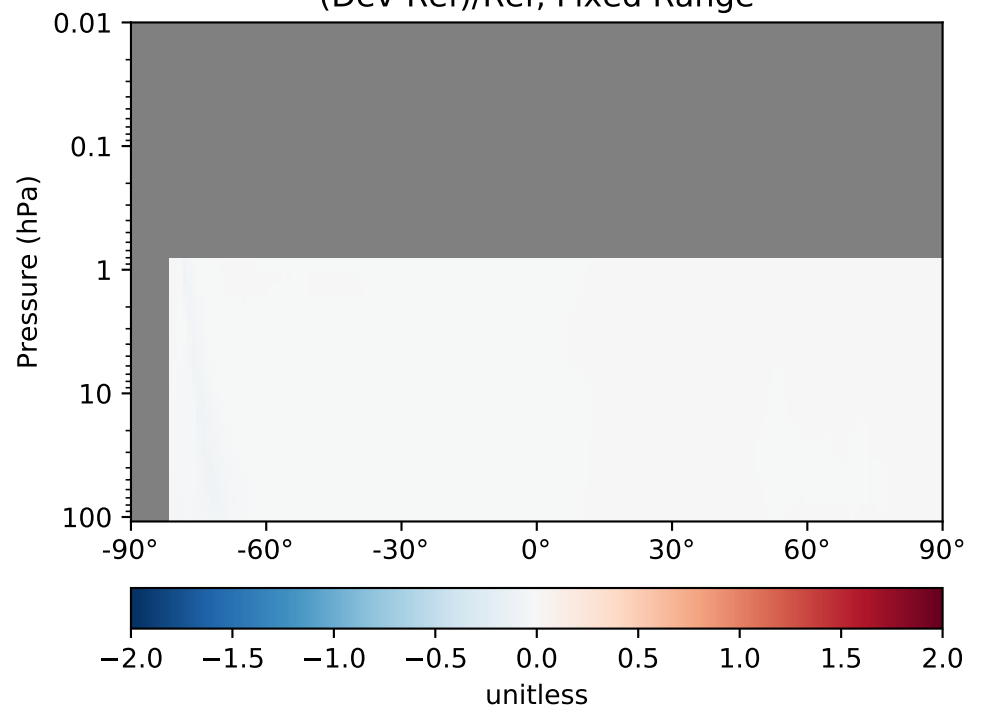
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

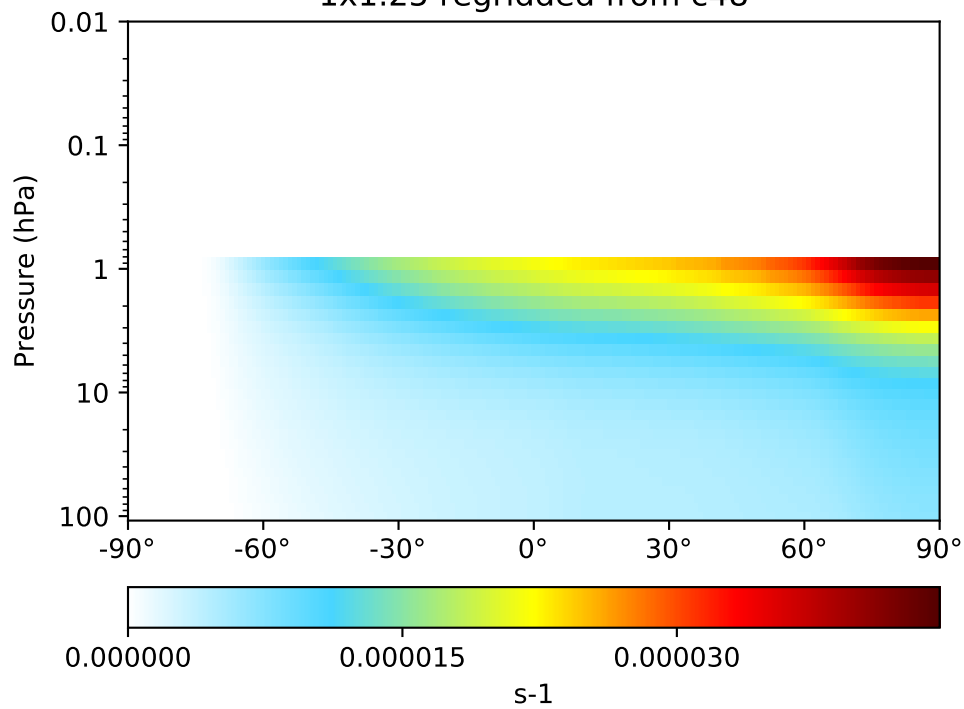


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

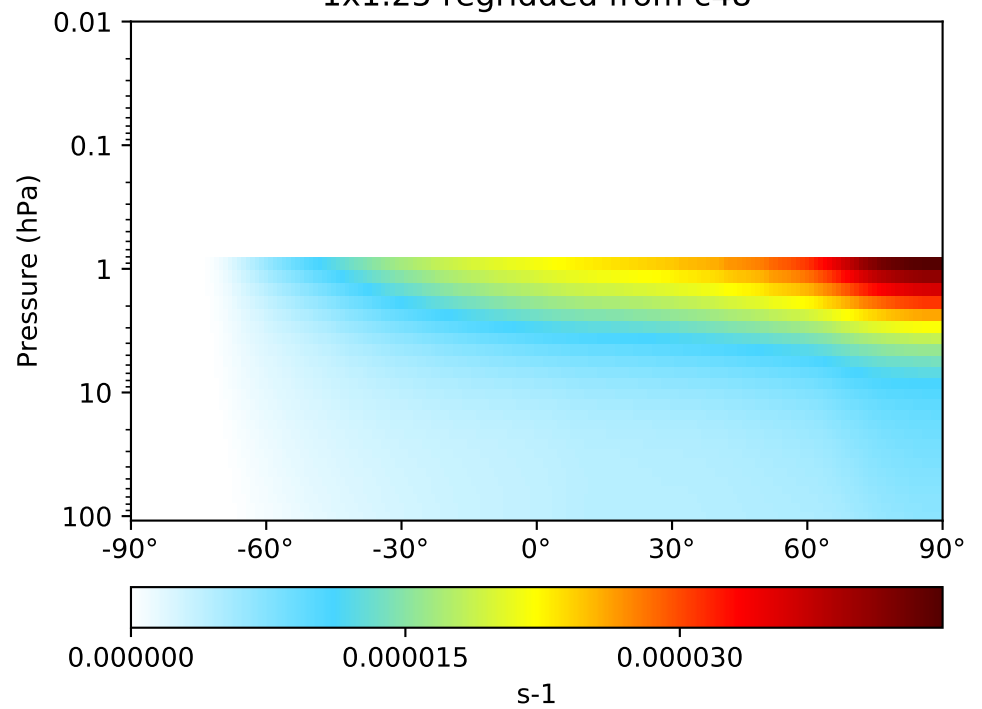


Jval_RA3P, Zonal Mean

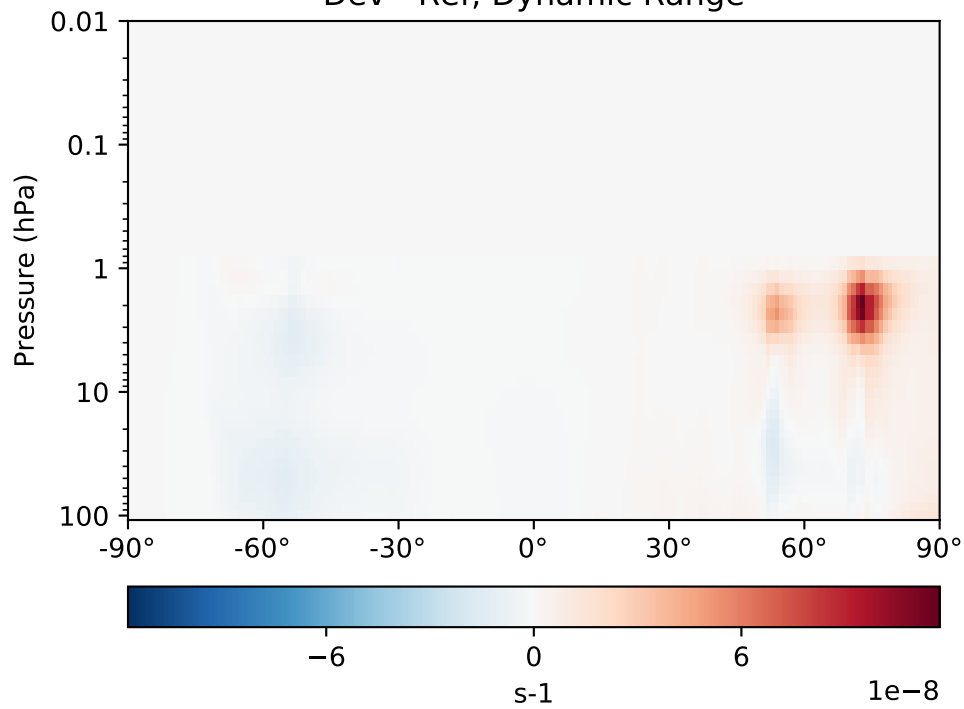
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



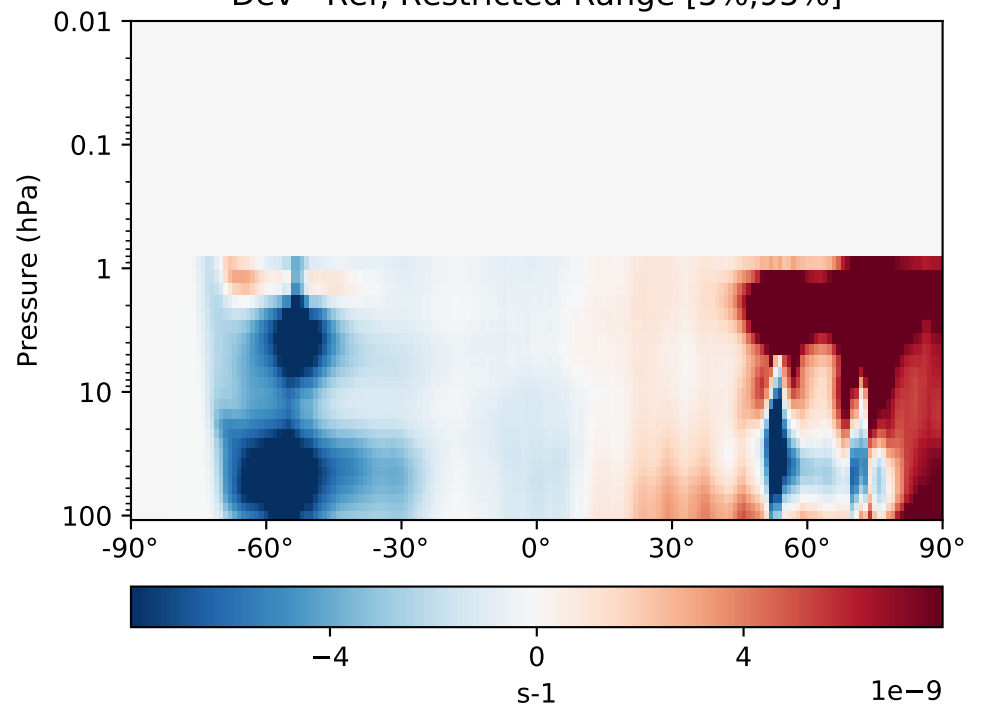
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



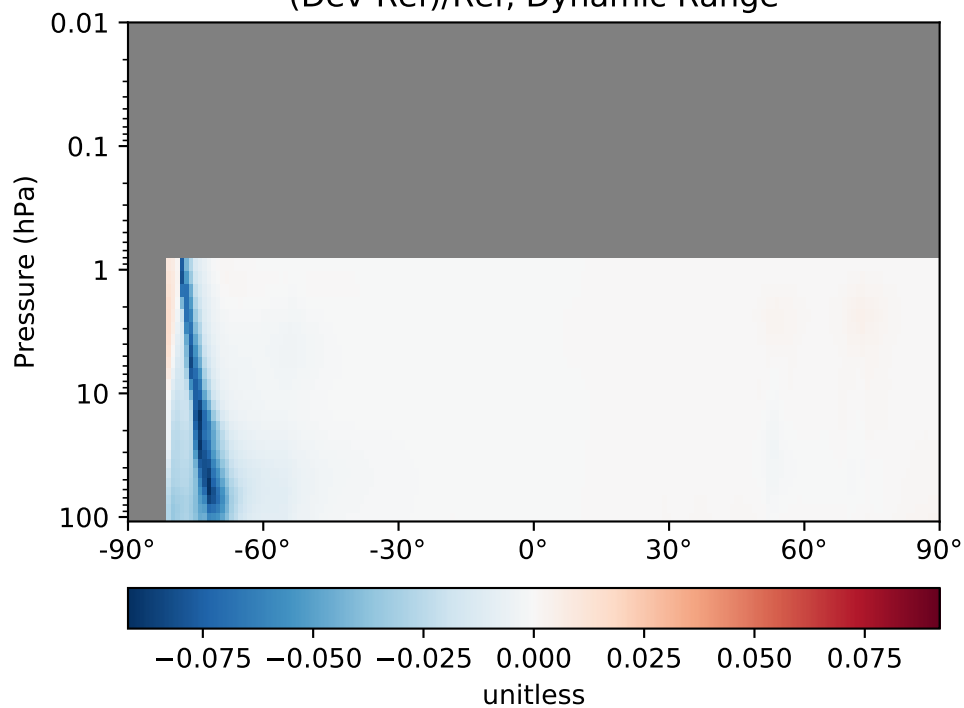
Difference (1x1.25)
Dev - Ref, Dynamic Range



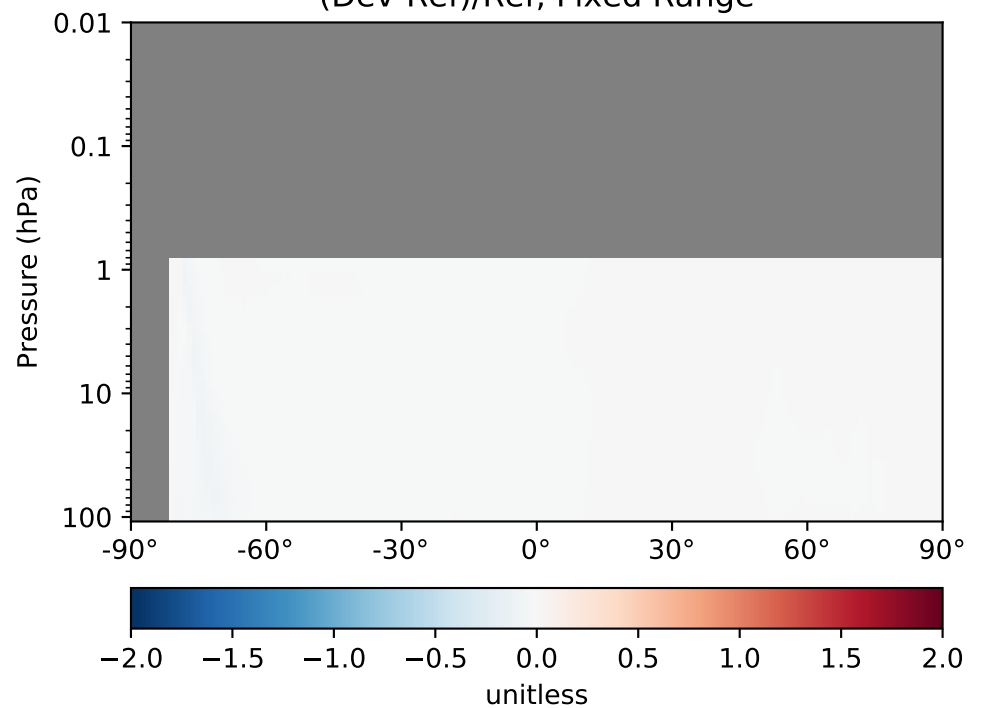
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

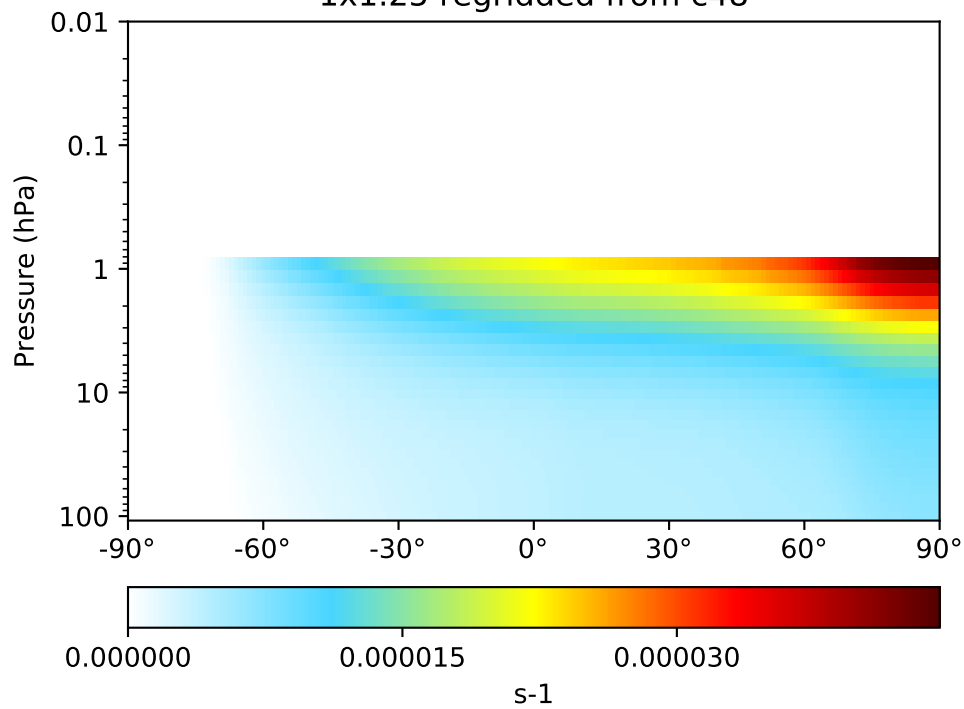


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

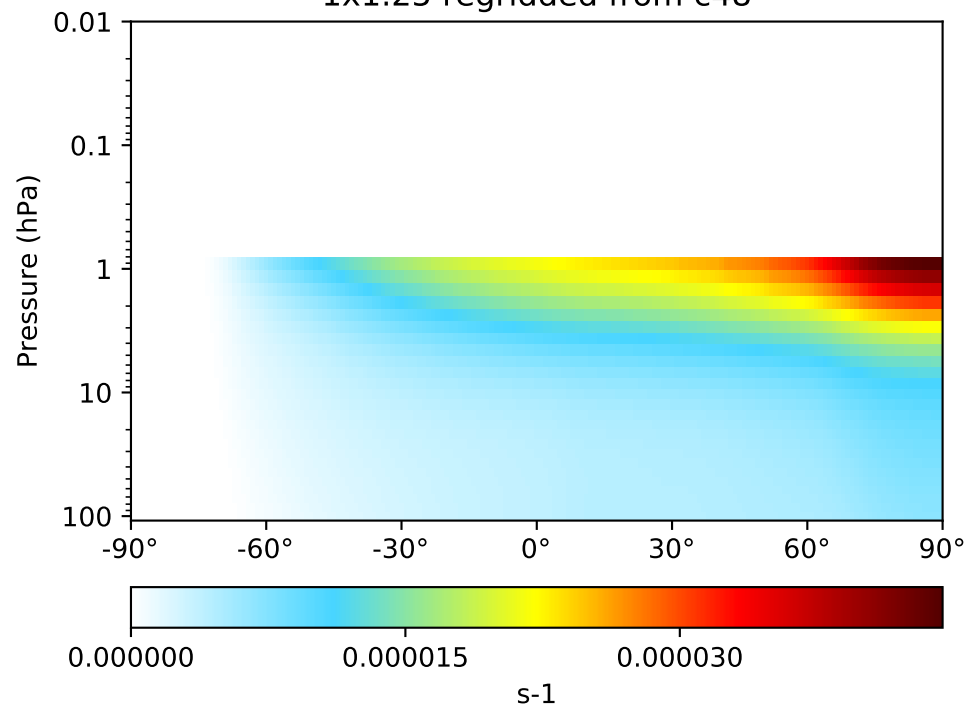


Jval_RB3P, Zonal Mean

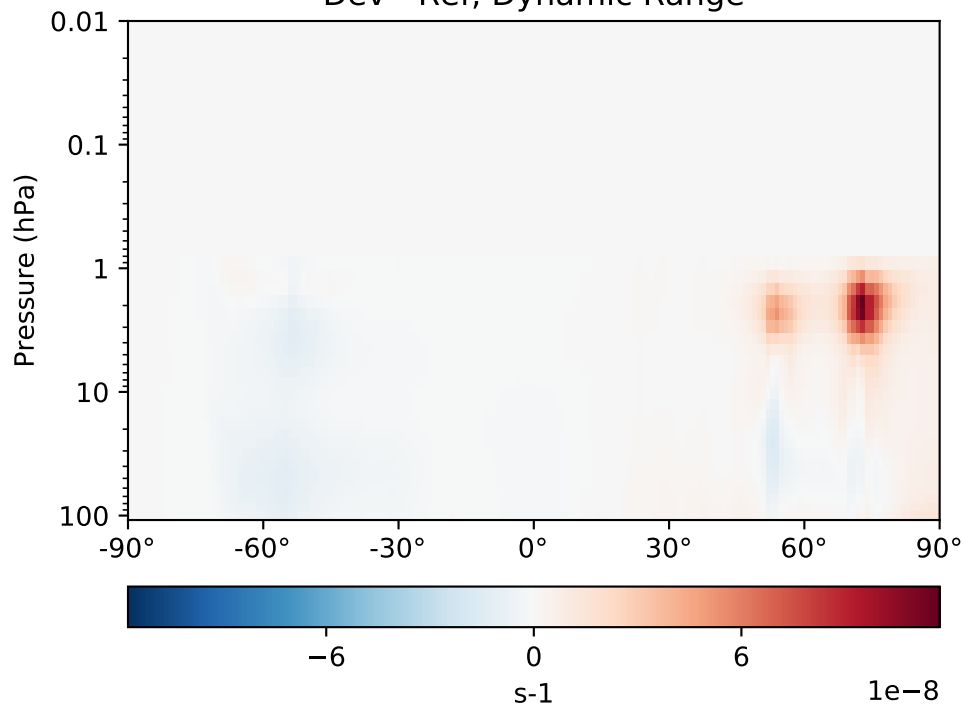
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



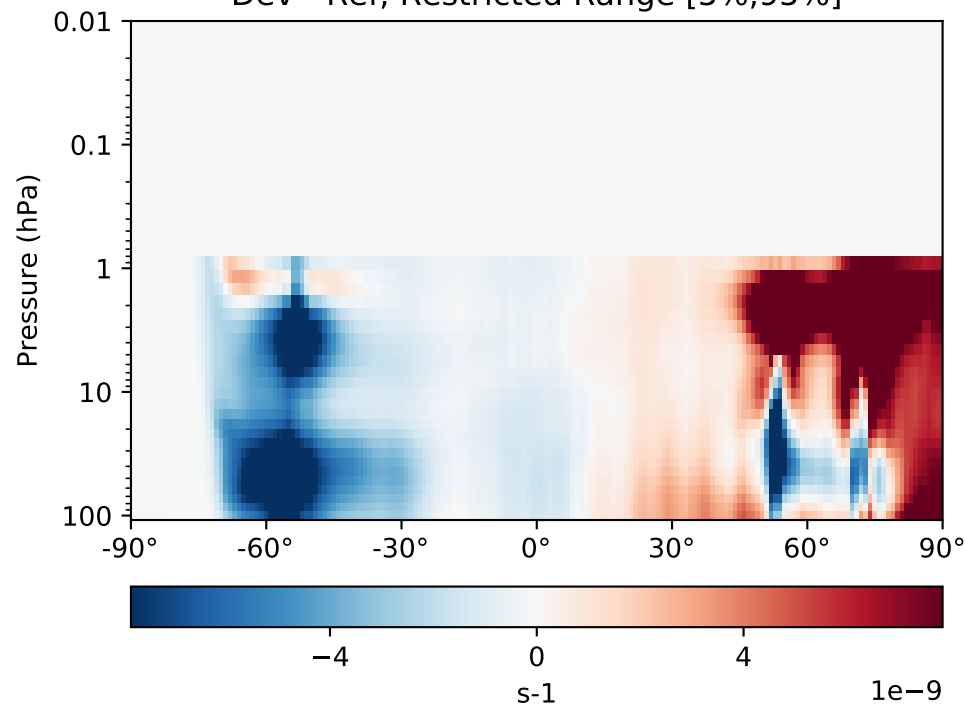
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



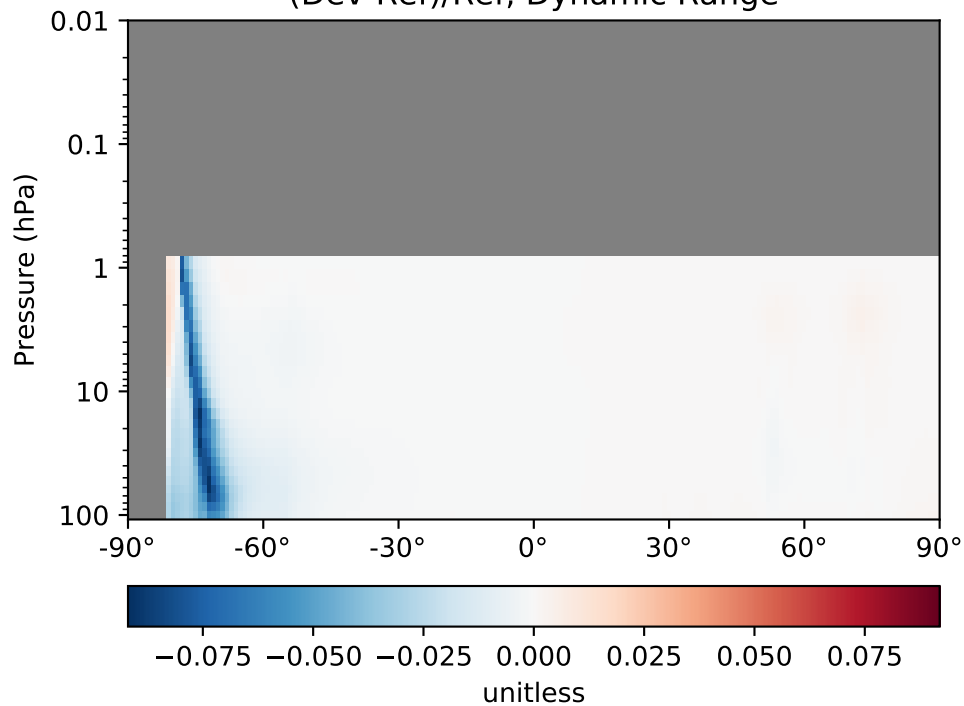
Difference (1x1.25)
Dev - Ref, Dynamic Range



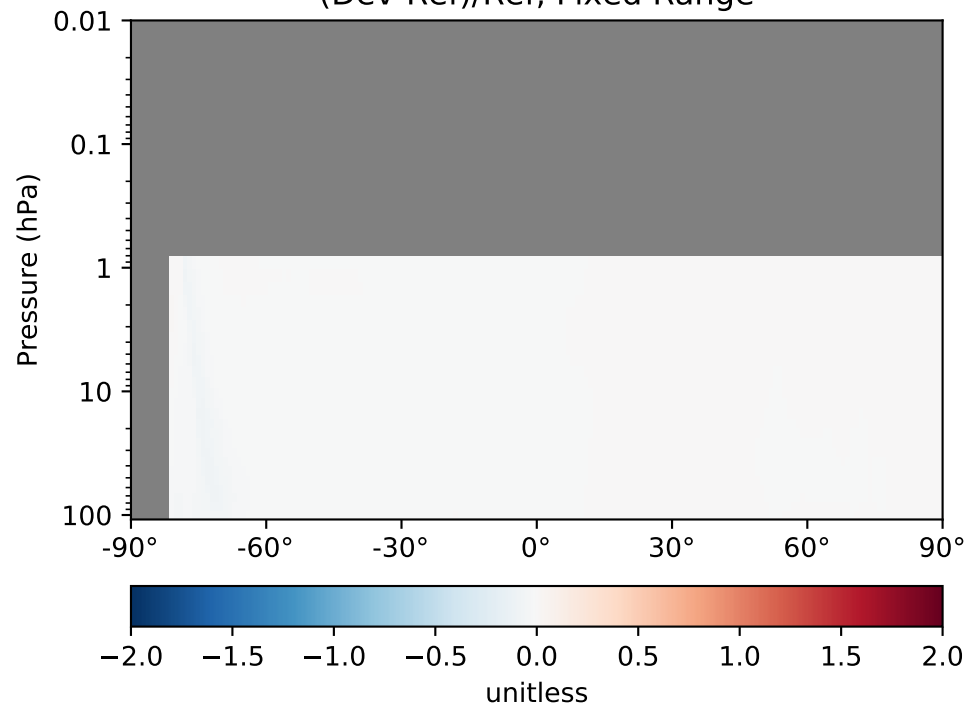
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

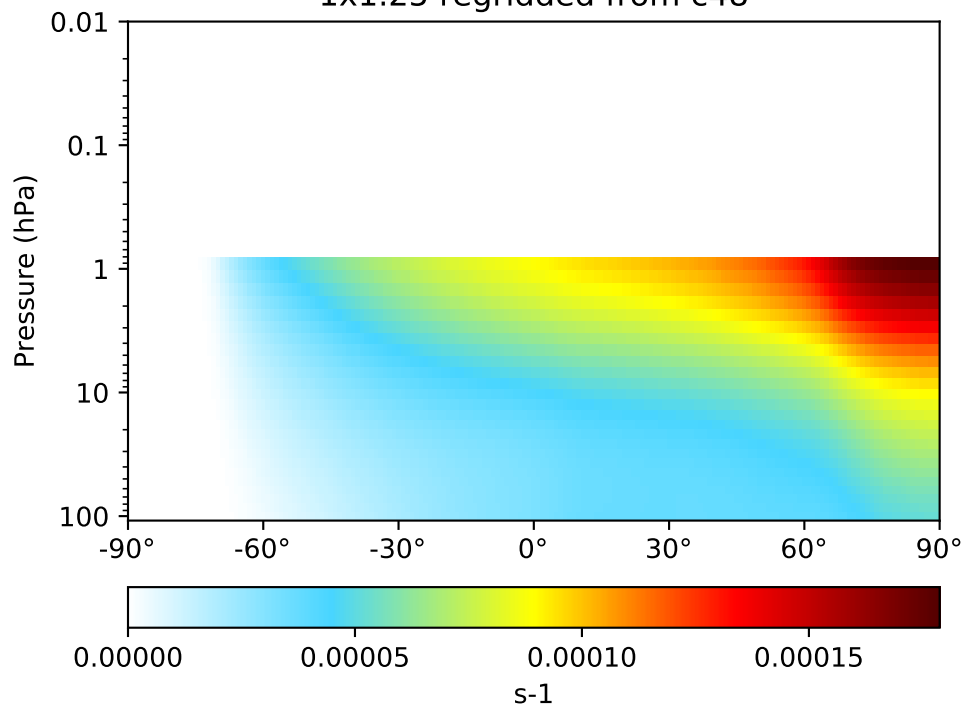


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

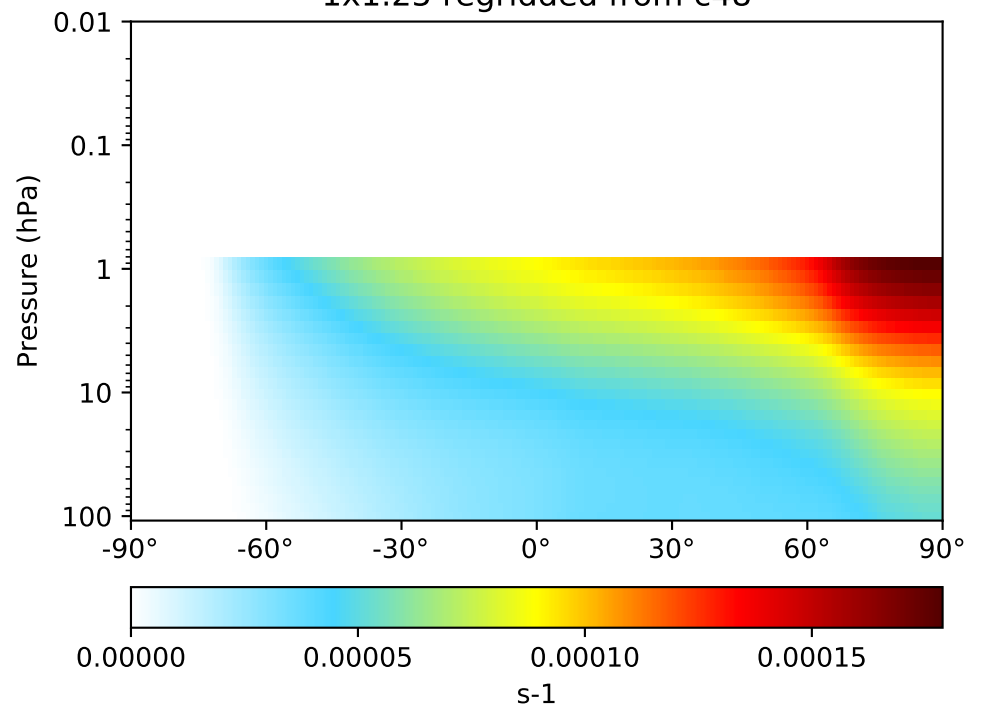


Jval_RCHO, Zonal Mean

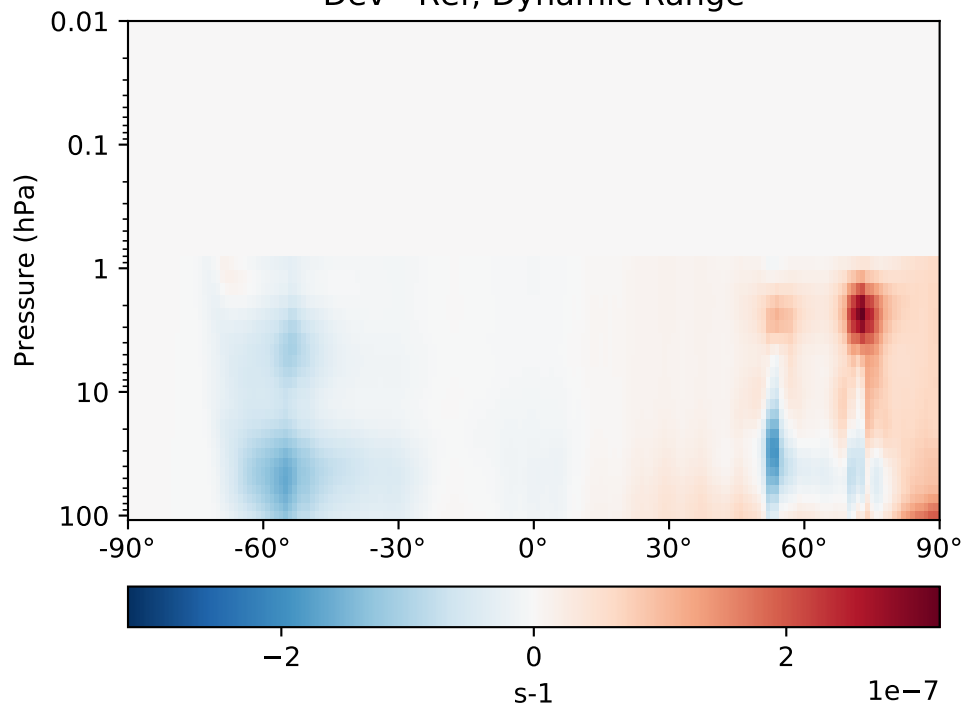
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



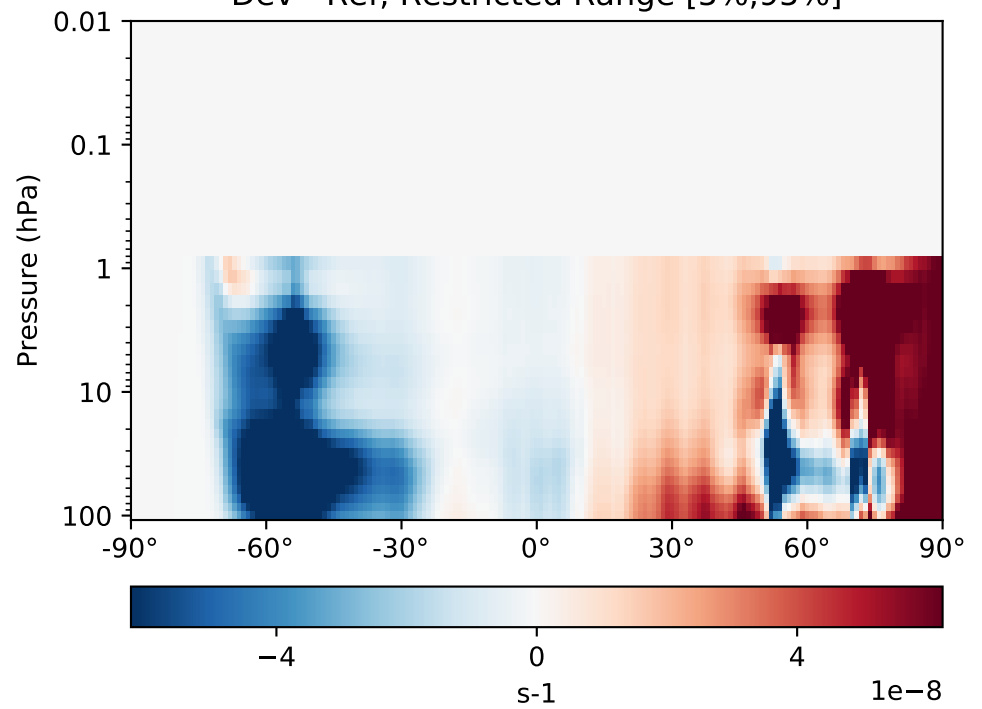
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



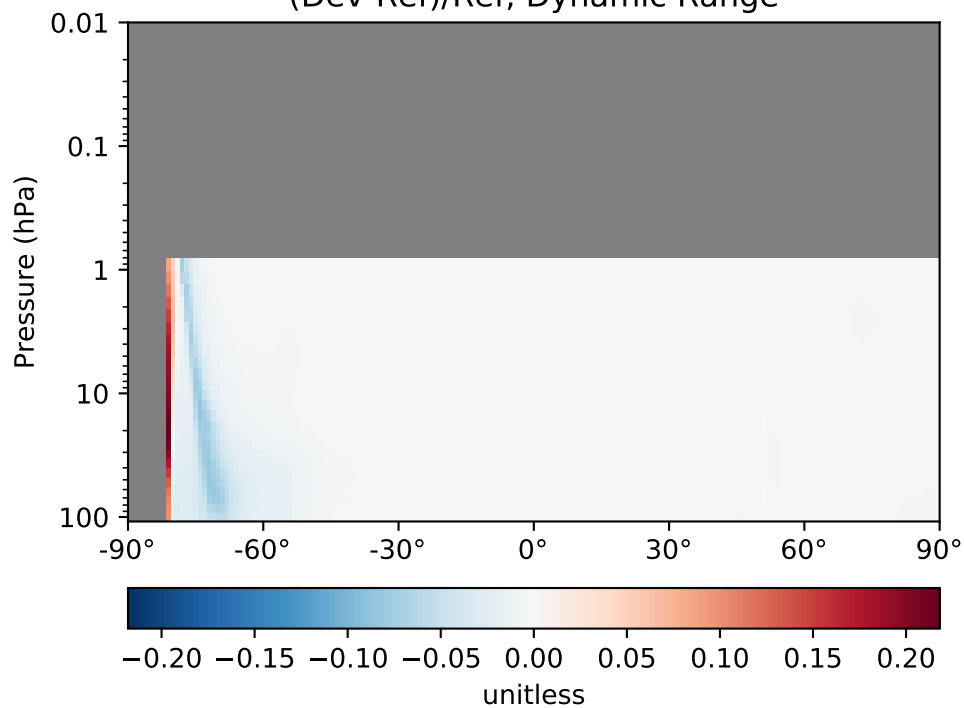
Difference (1x1.25)
Dev - Ref, Dynamic Range



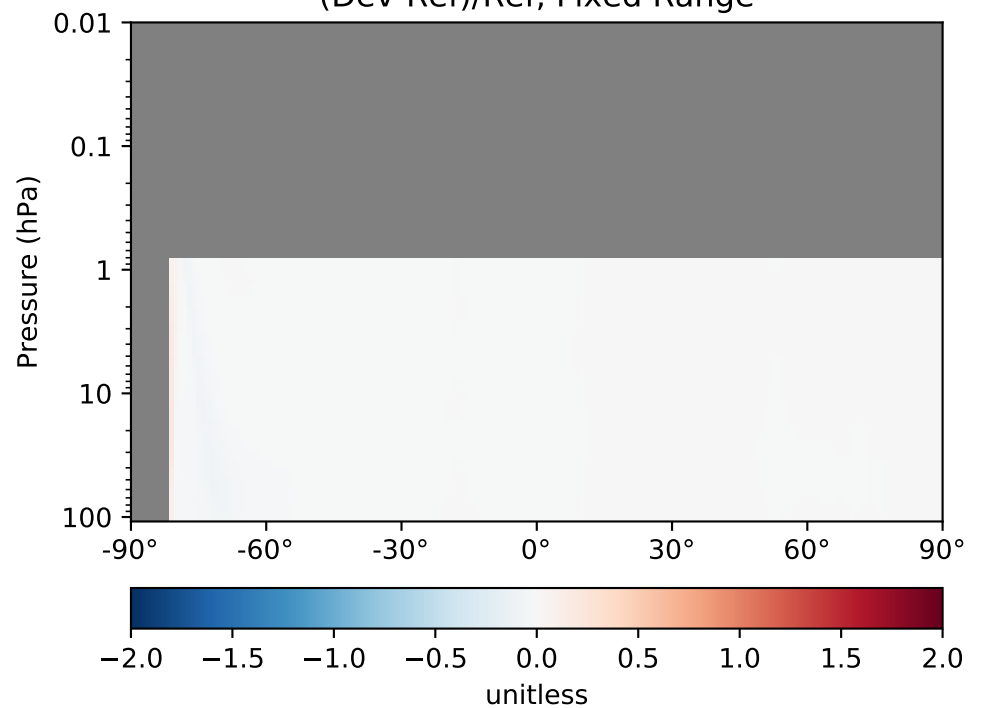
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



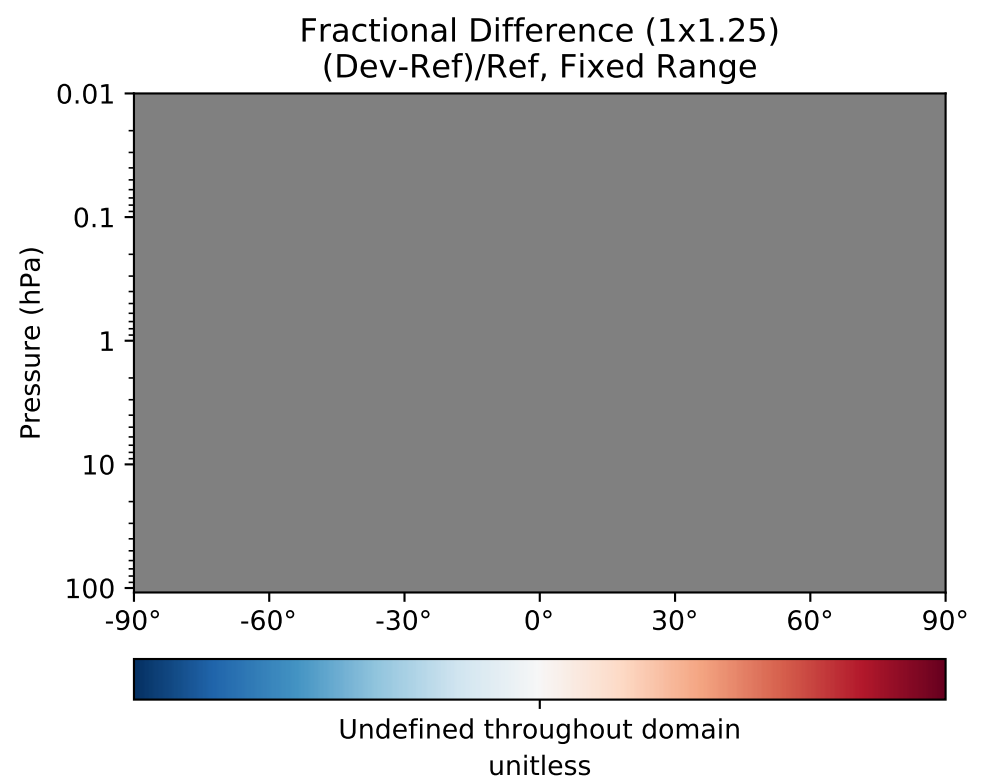
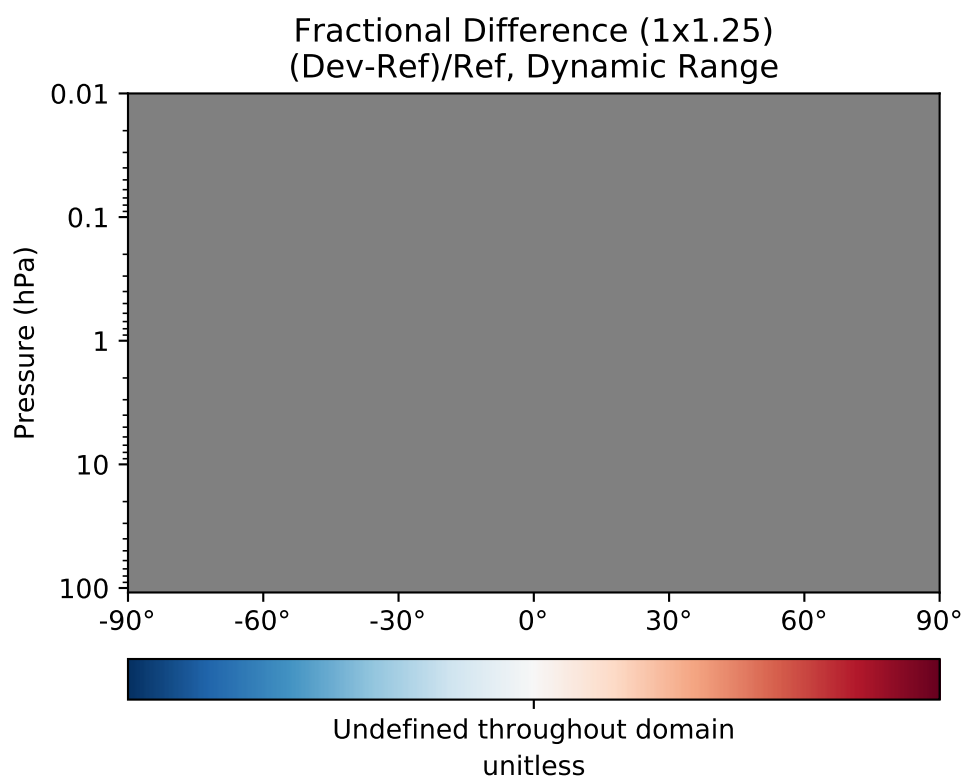
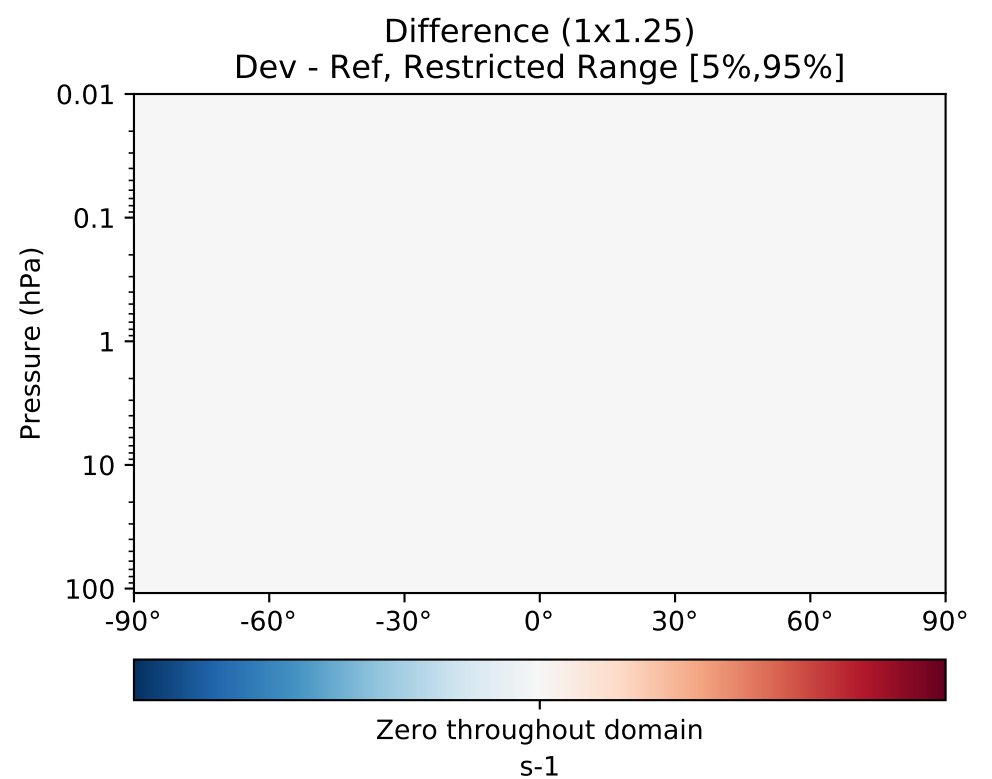
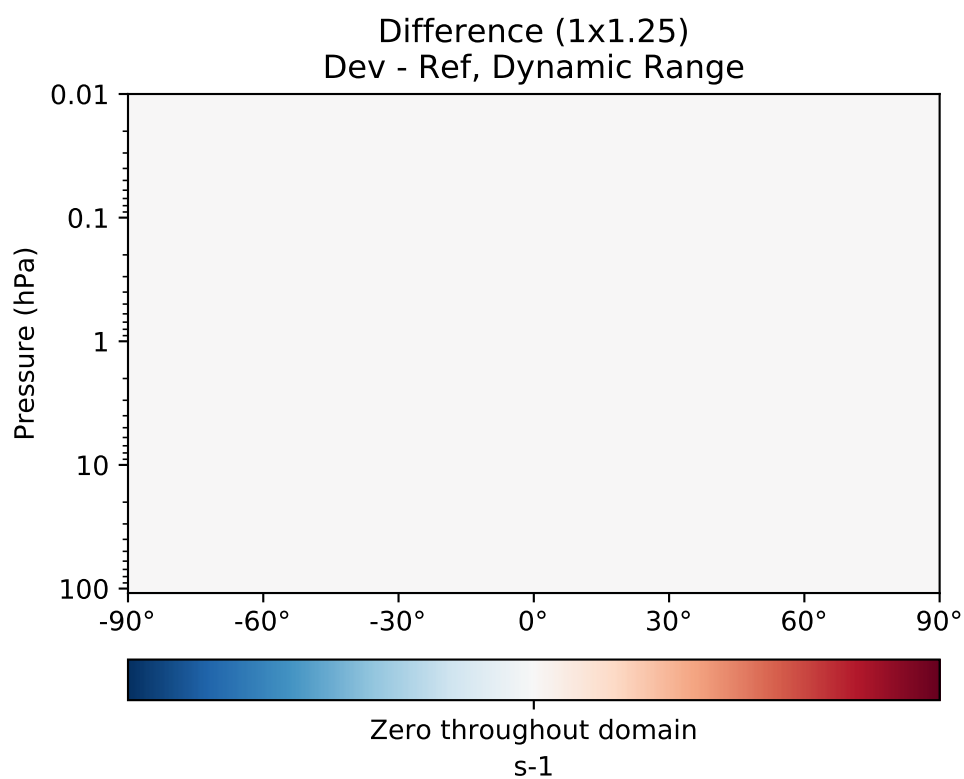
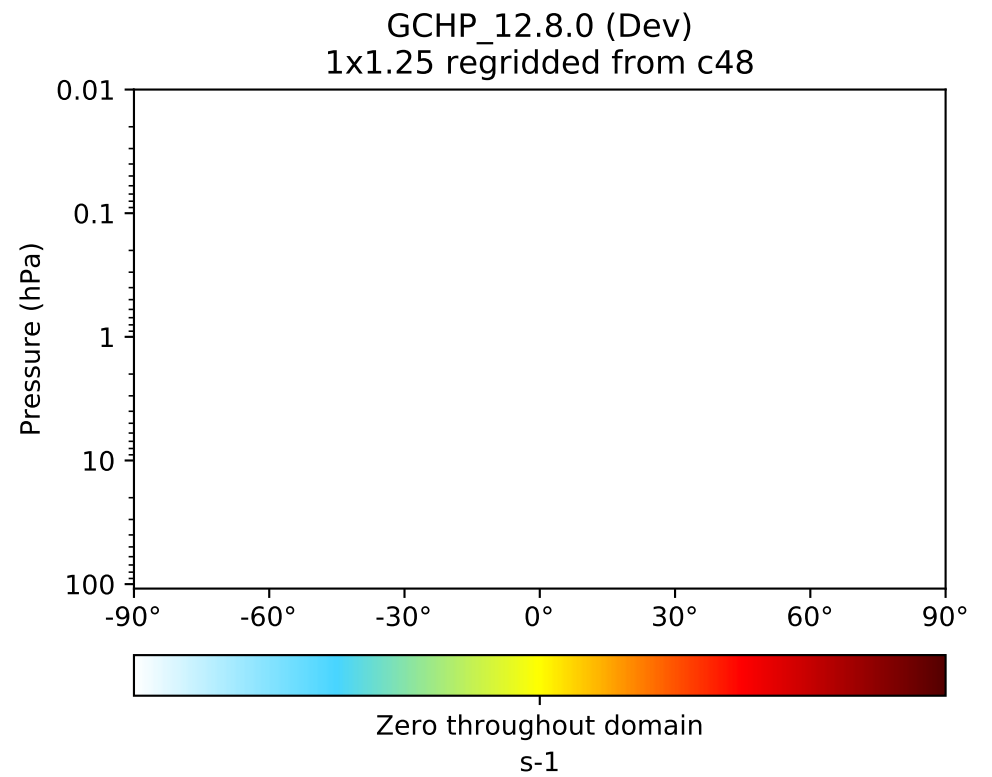
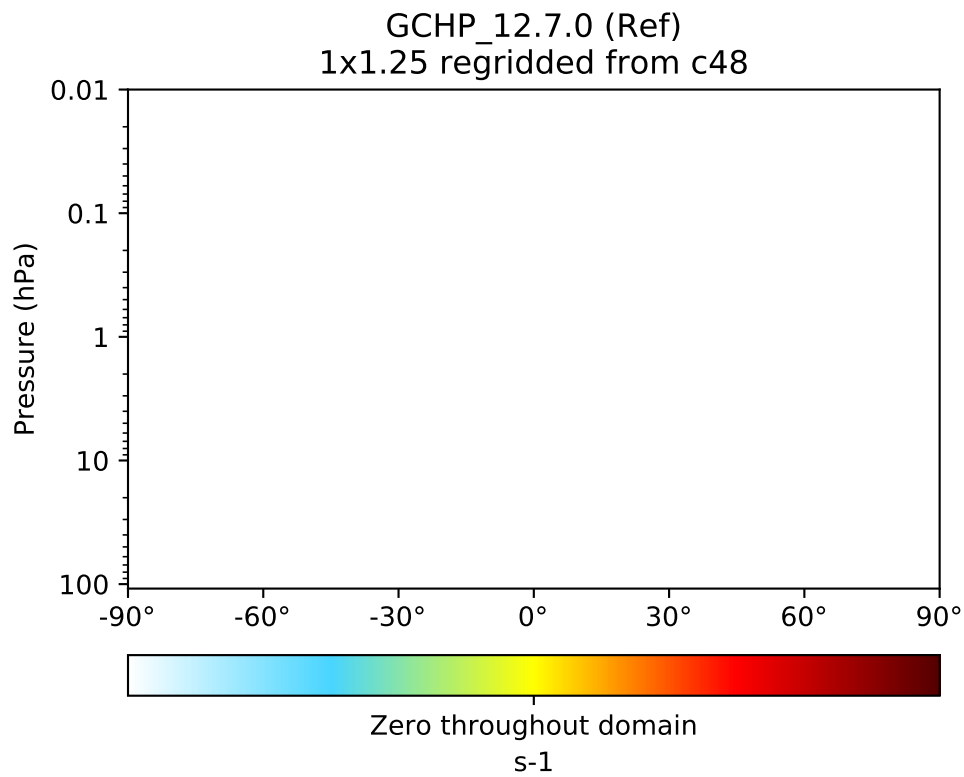
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



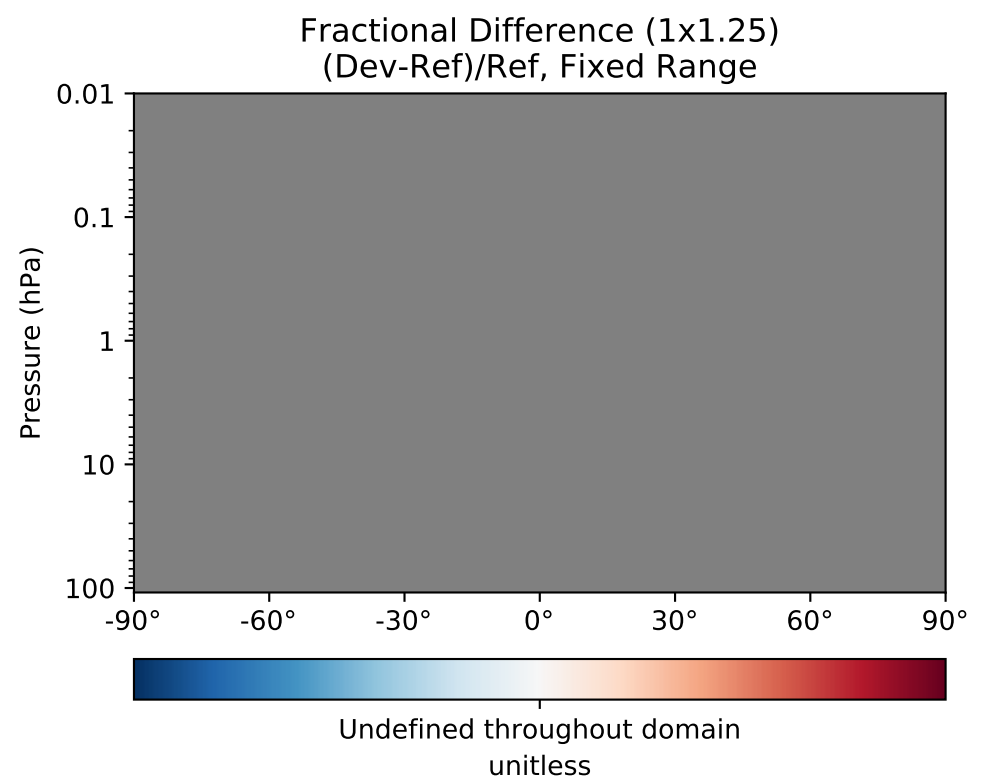
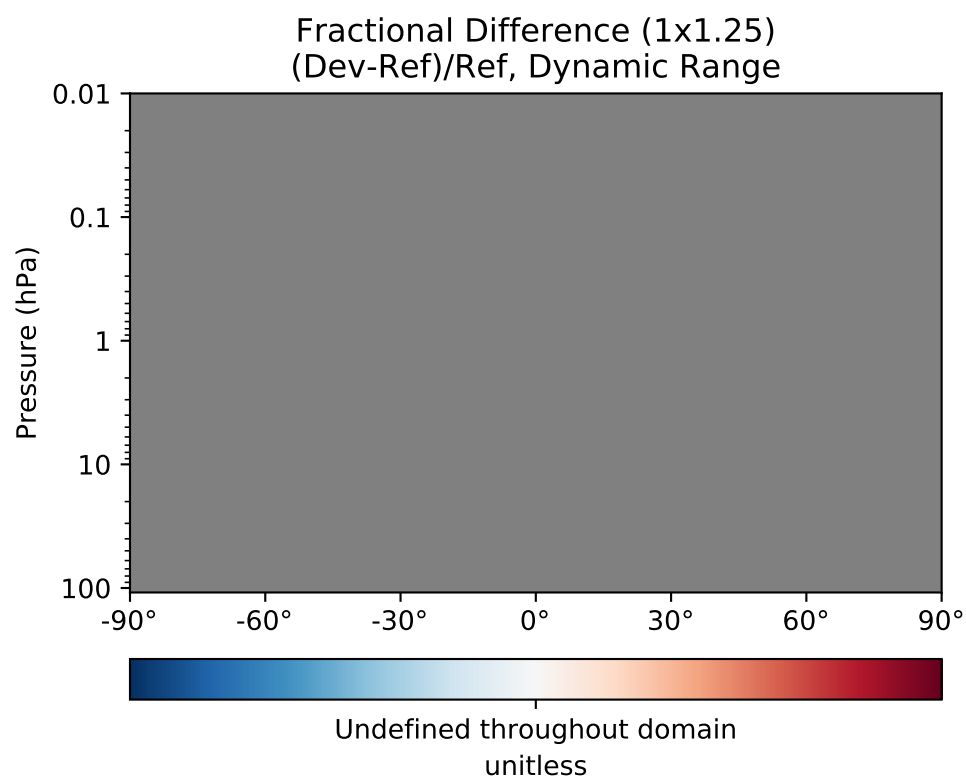
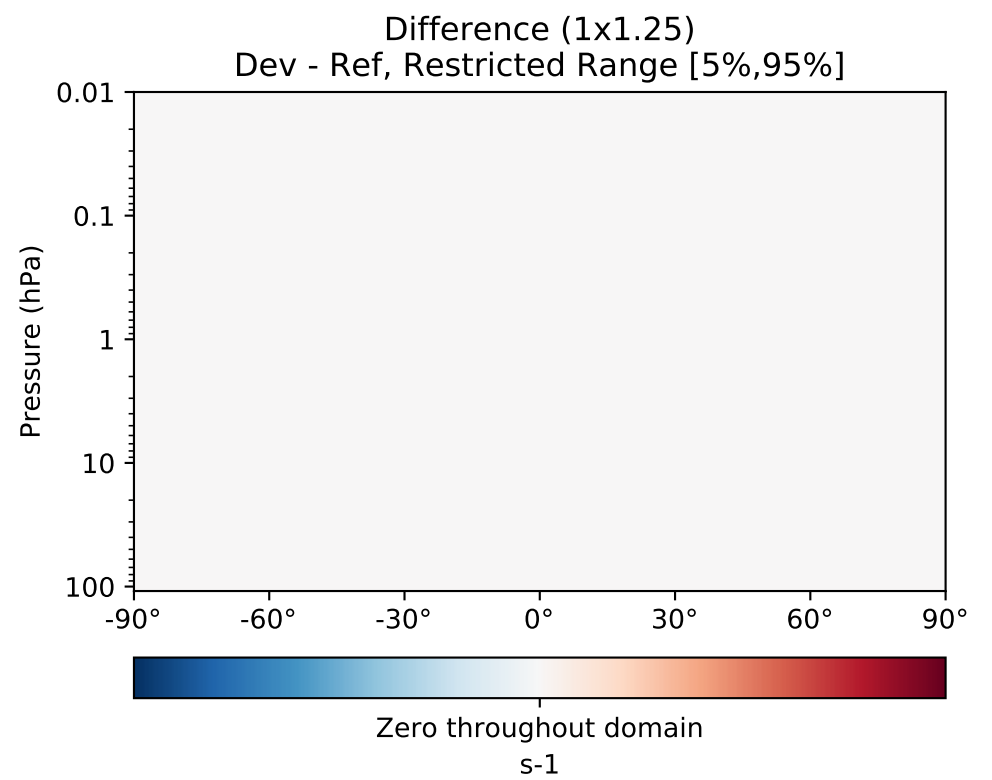
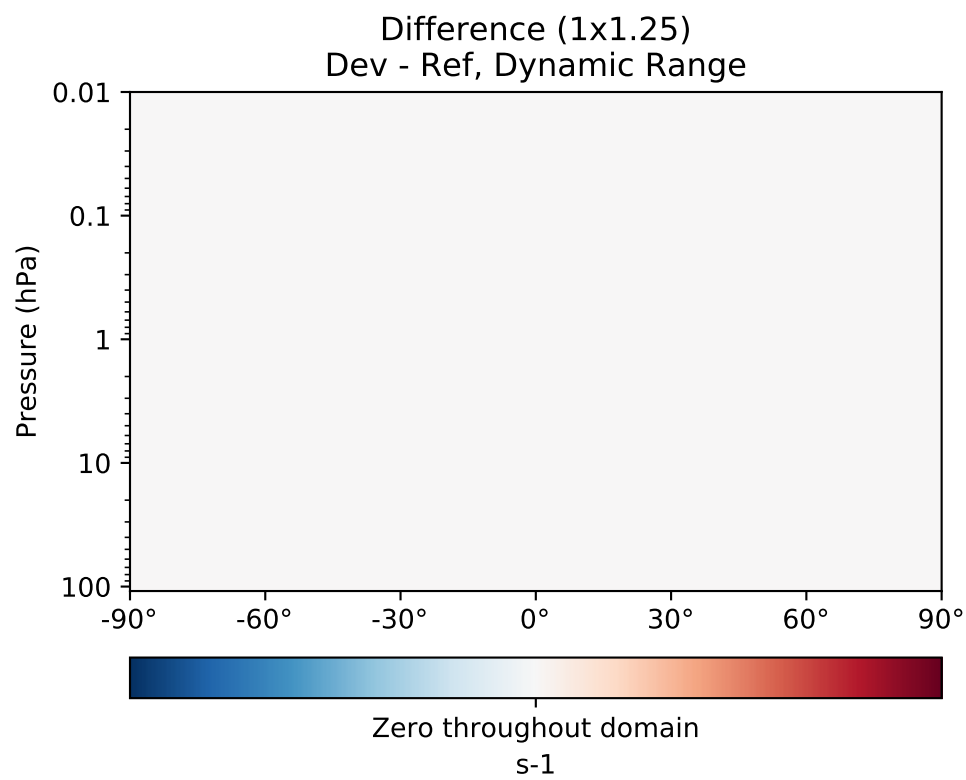
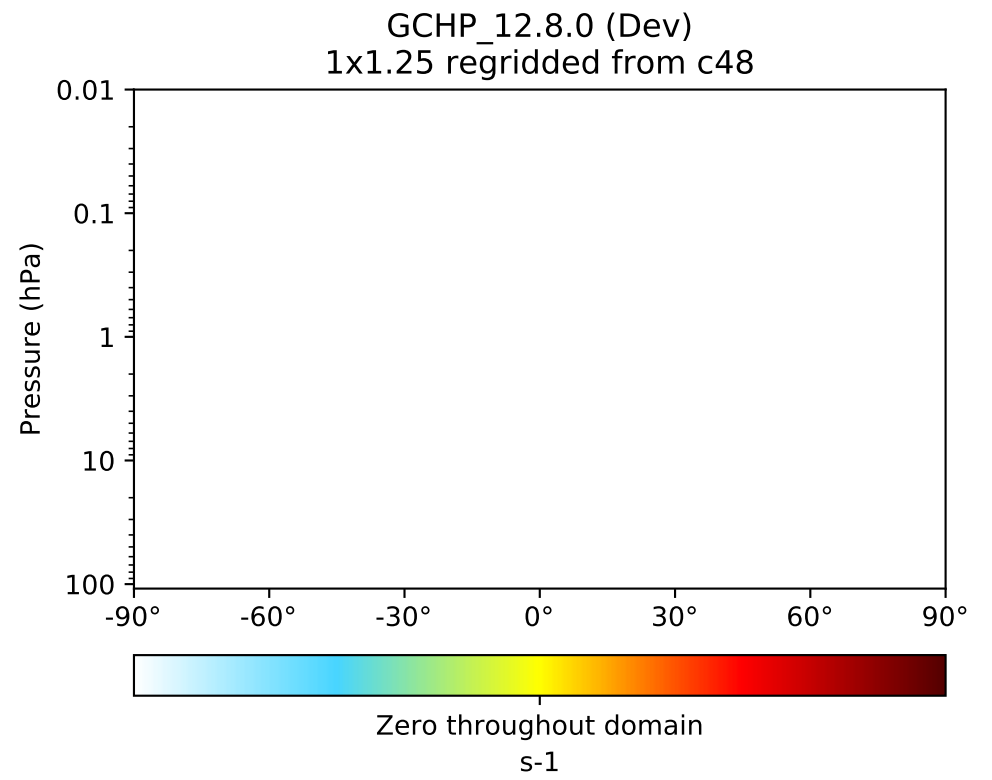
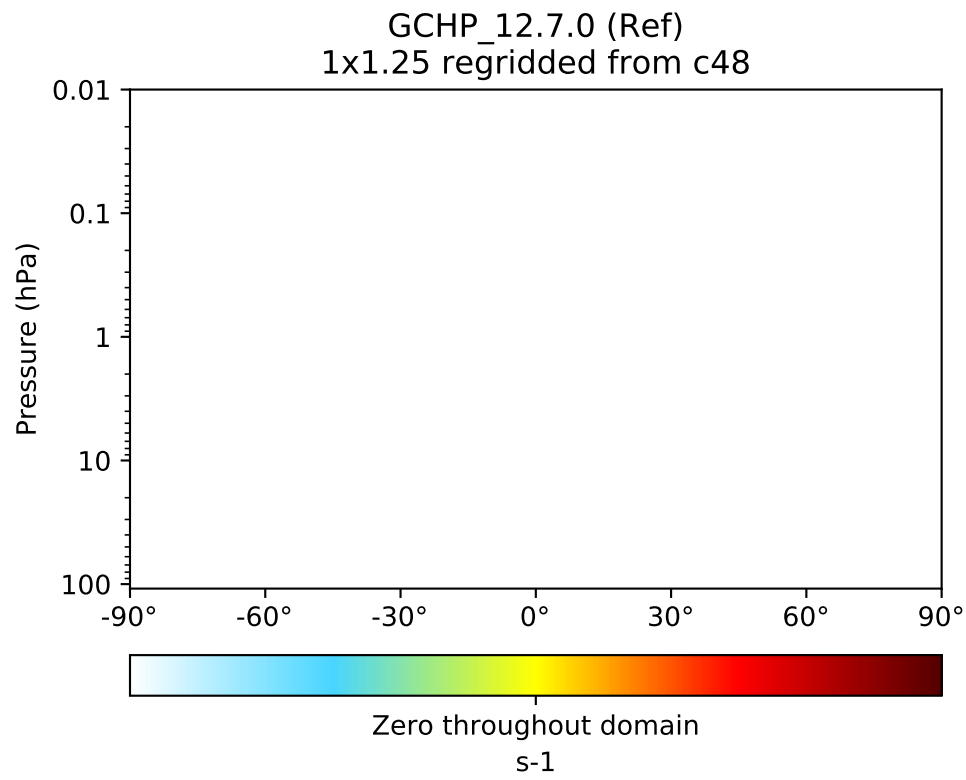
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_RIPA, Zonal Mean

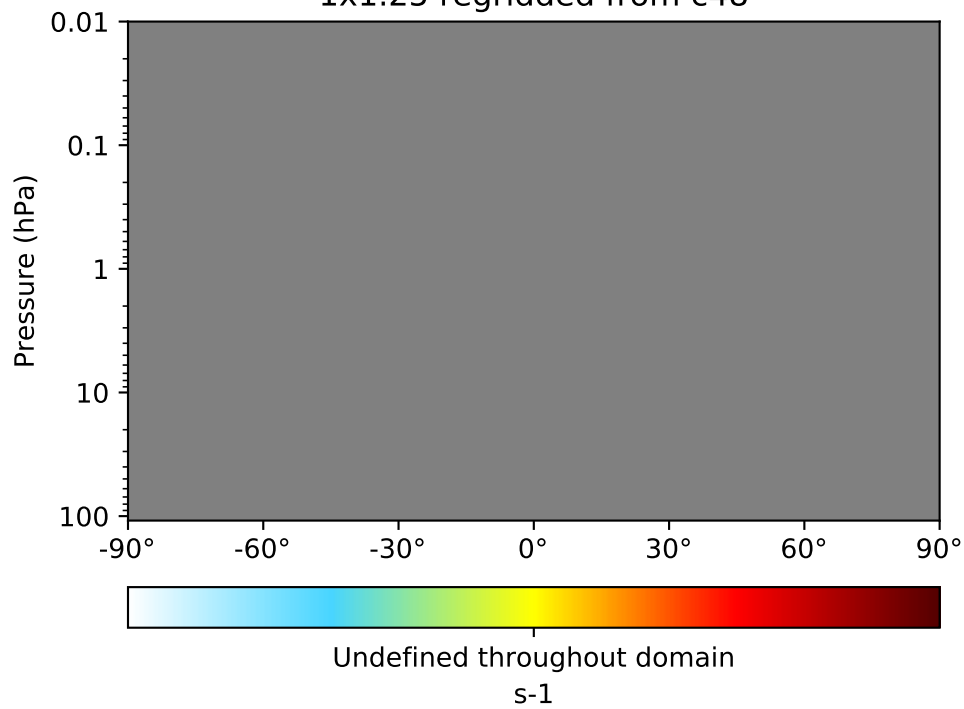


Jval_RIPB, Zonal Mean

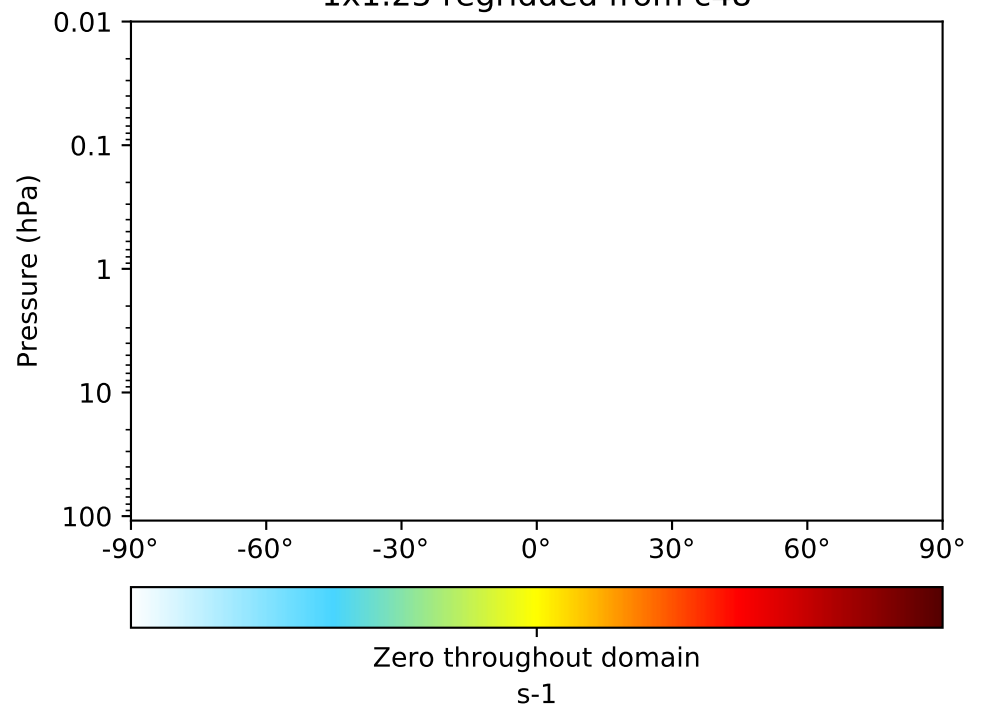


Jval_RIPC, Zonal Mean

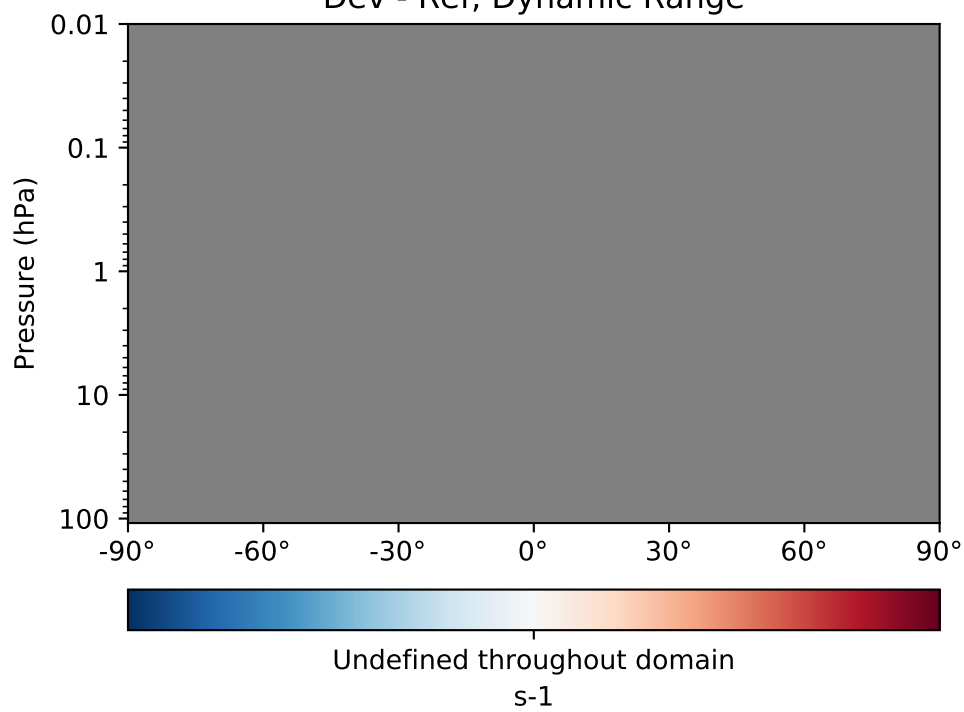
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



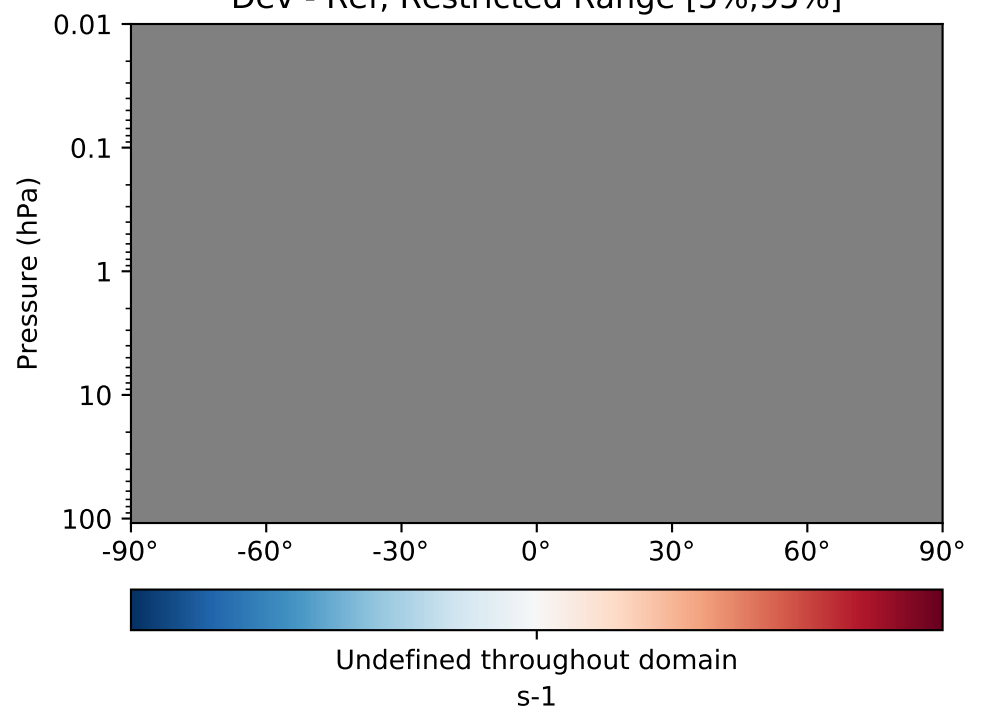
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



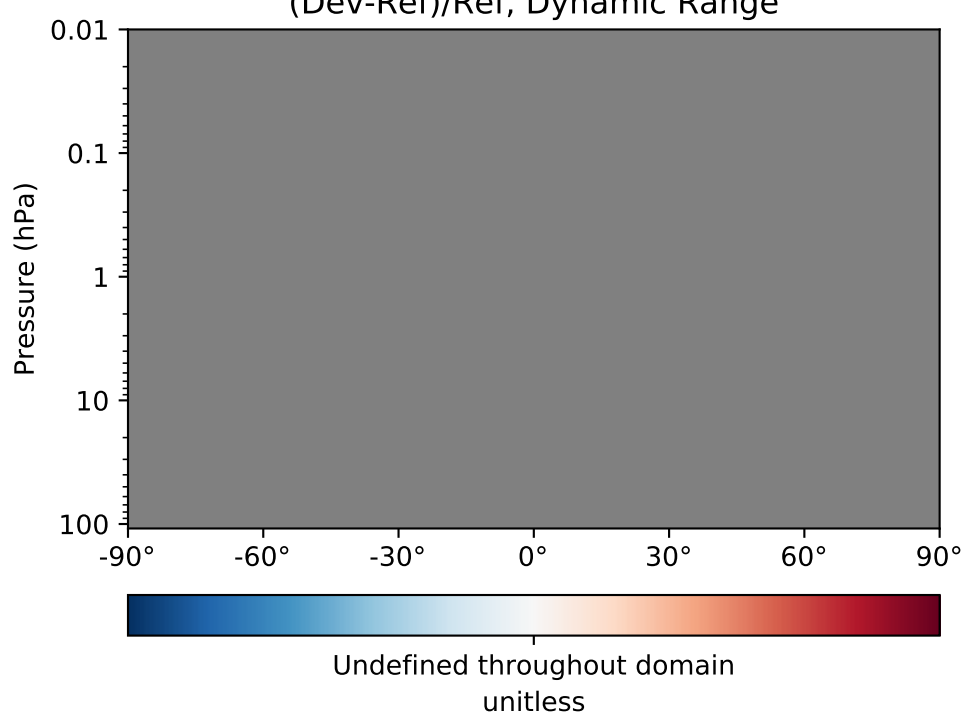
Difference (1x1.25)
Dev - Ref, Dynamic Range



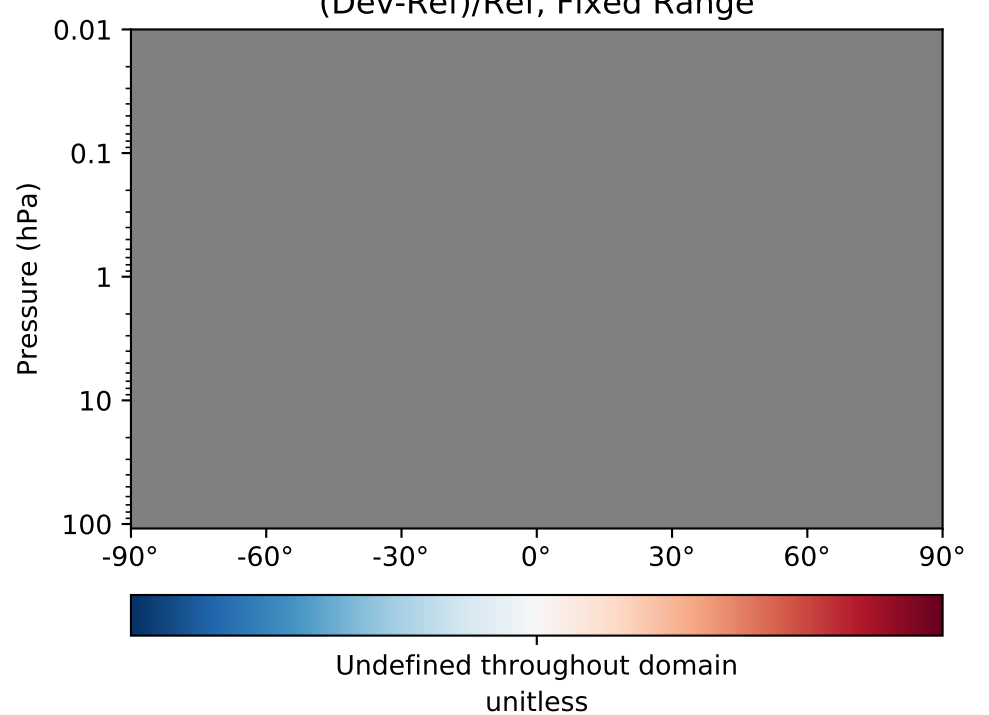
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



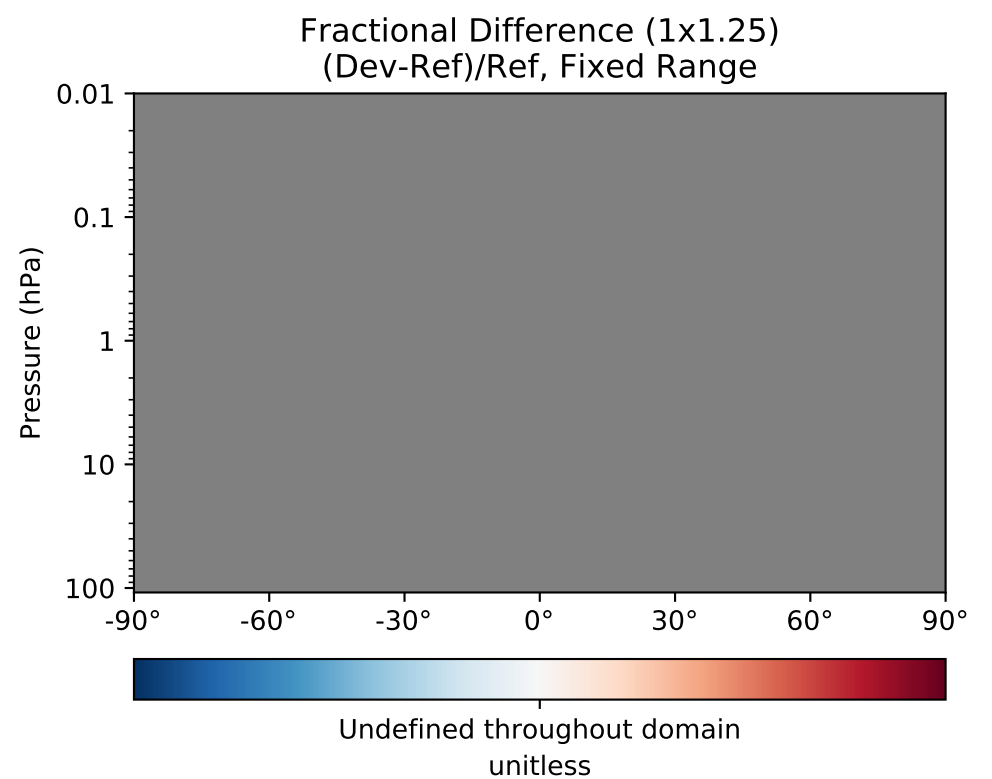
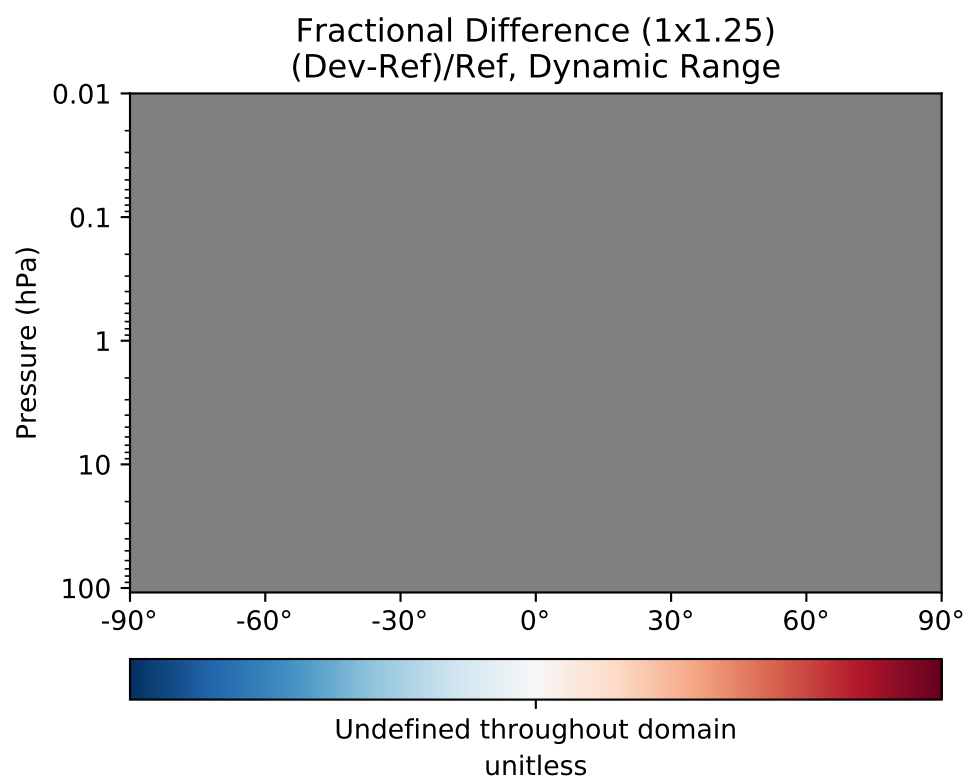
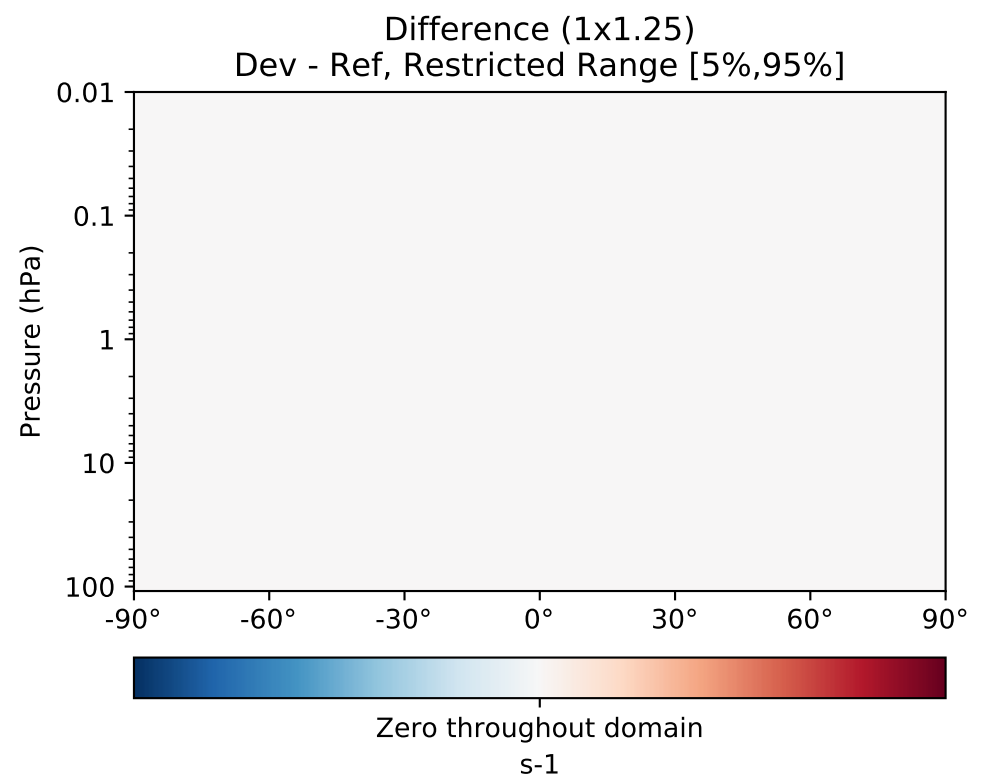
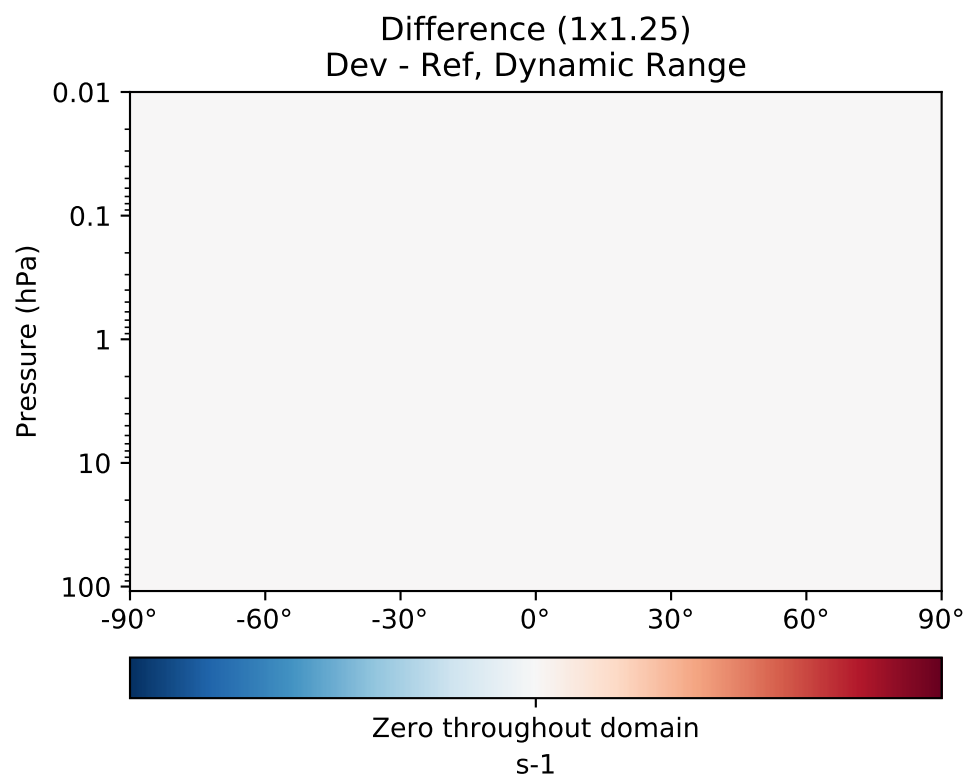
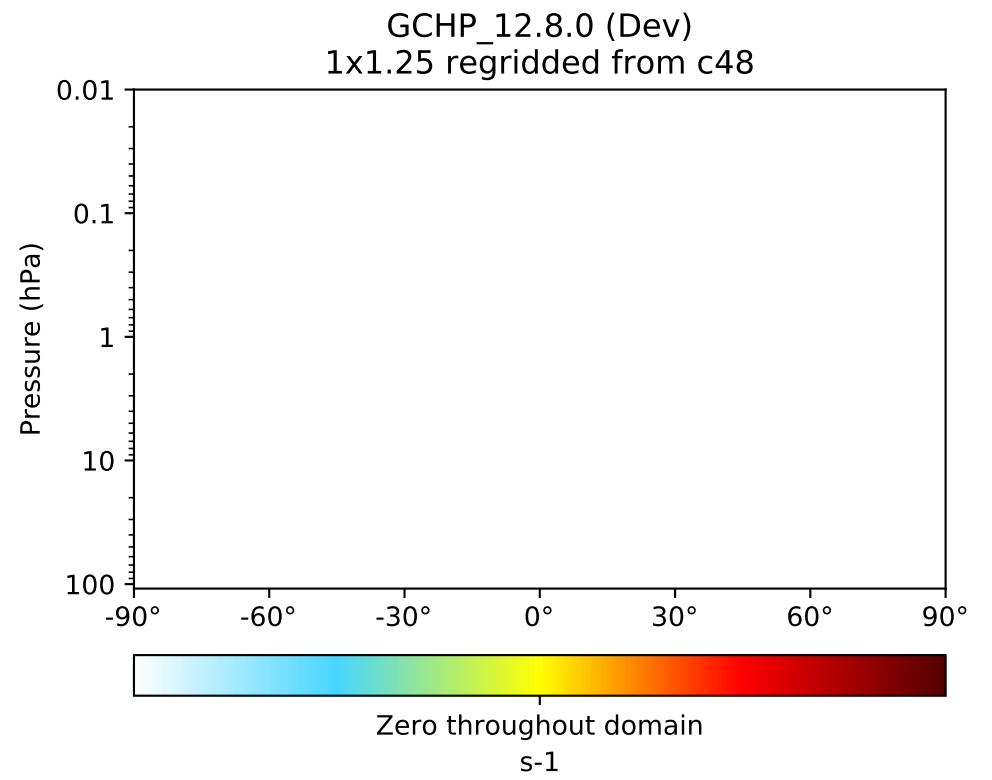
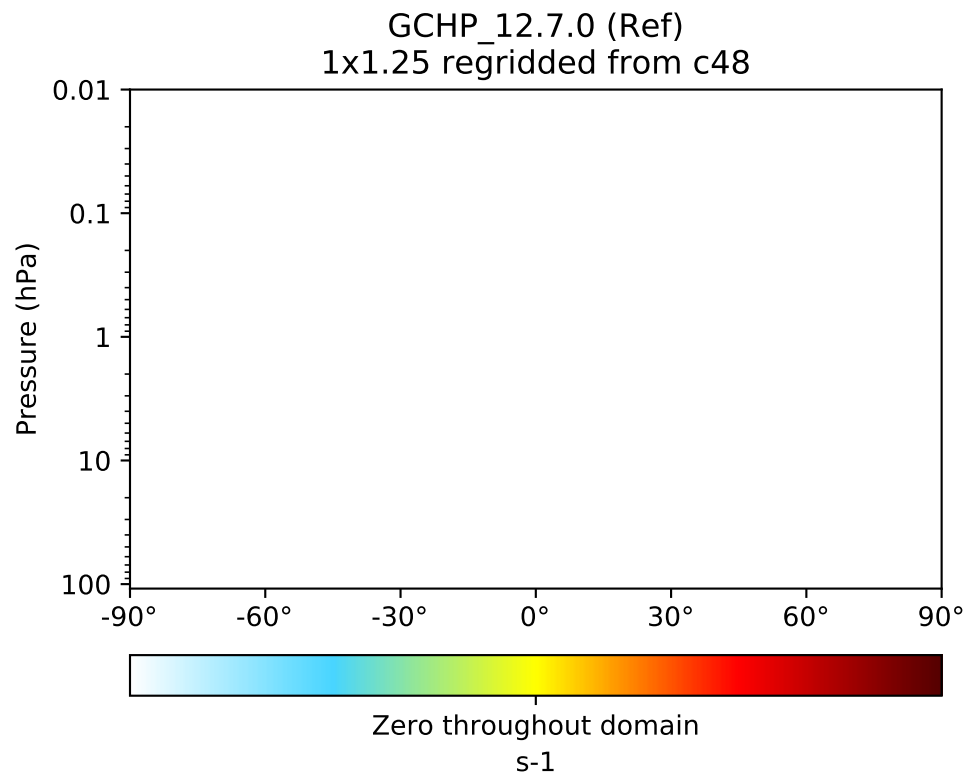
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

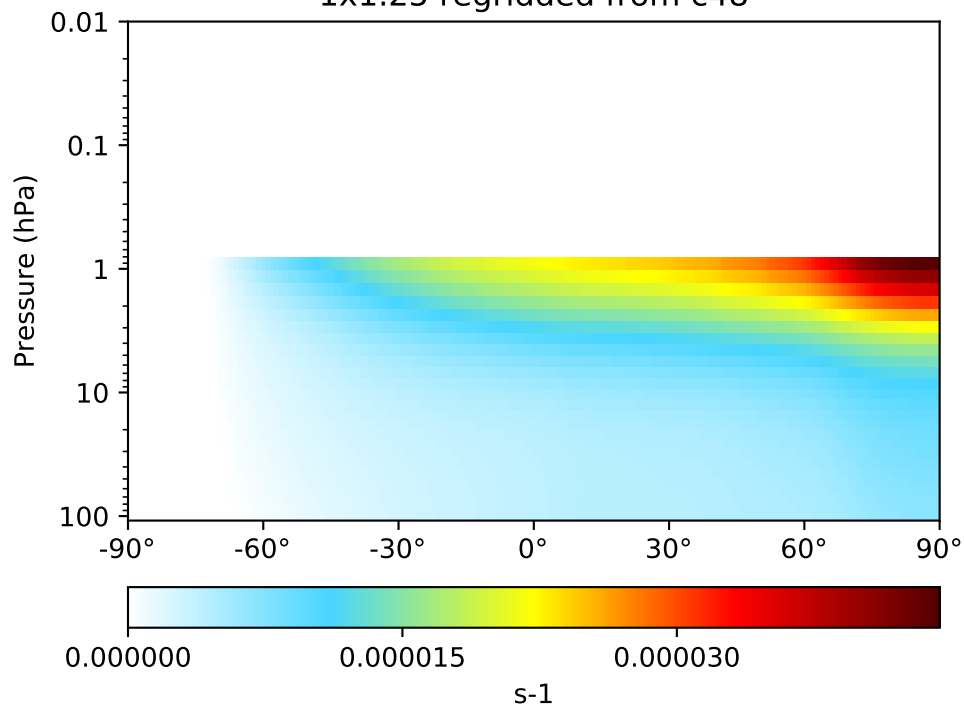


Jval_RIPD, Zonal Mean

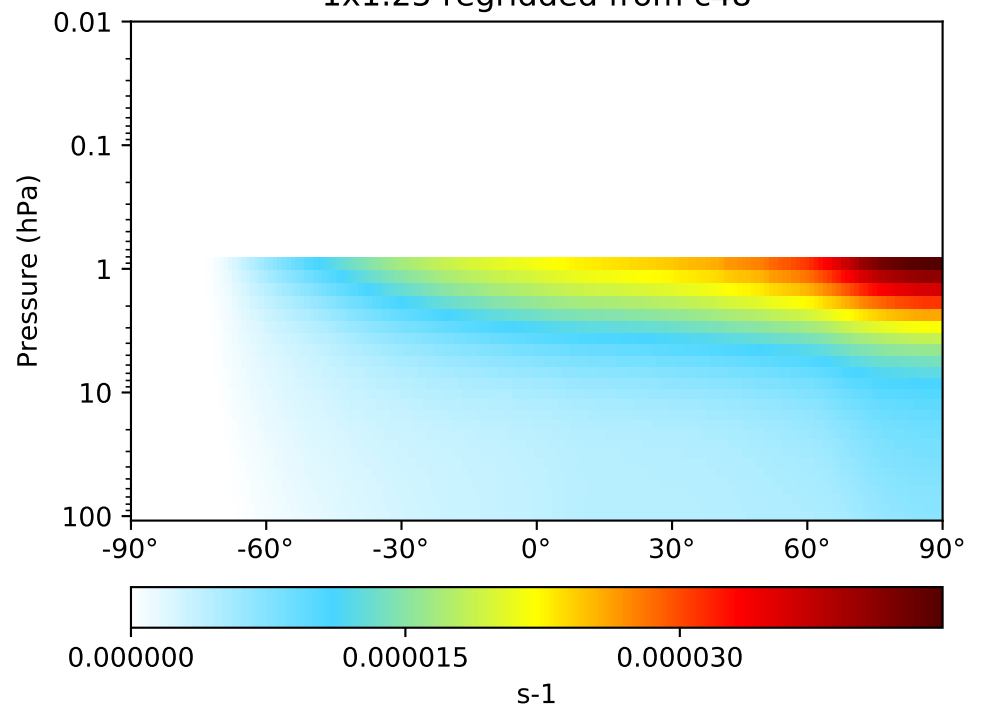


Jval_RP, Zonal Mean

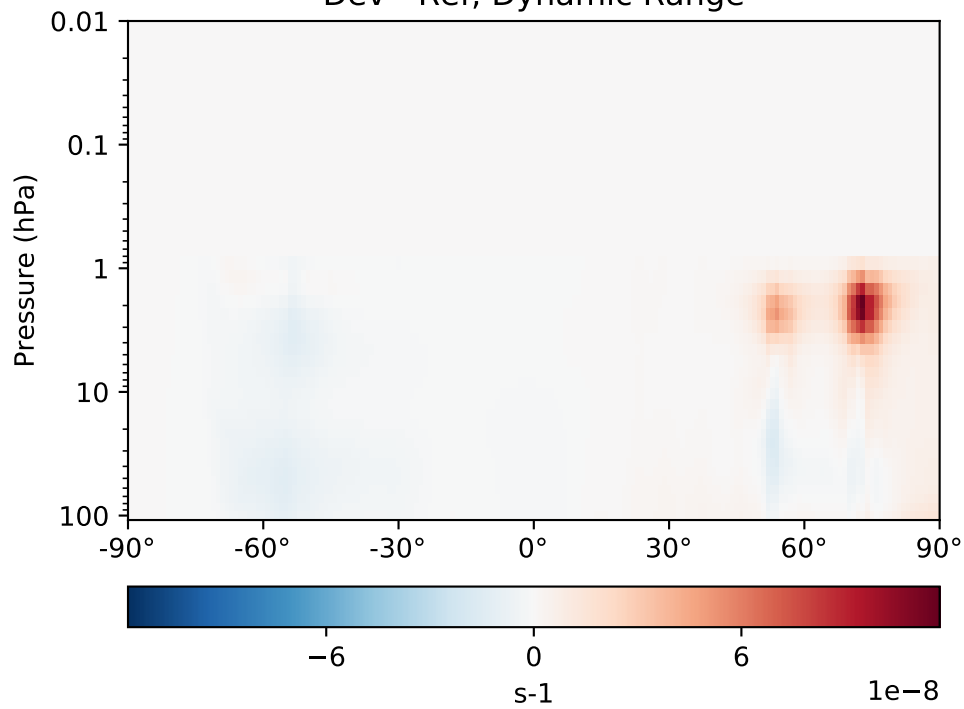
GCHP_12.7.0 (Ref)
1x1.25 regrided from c48



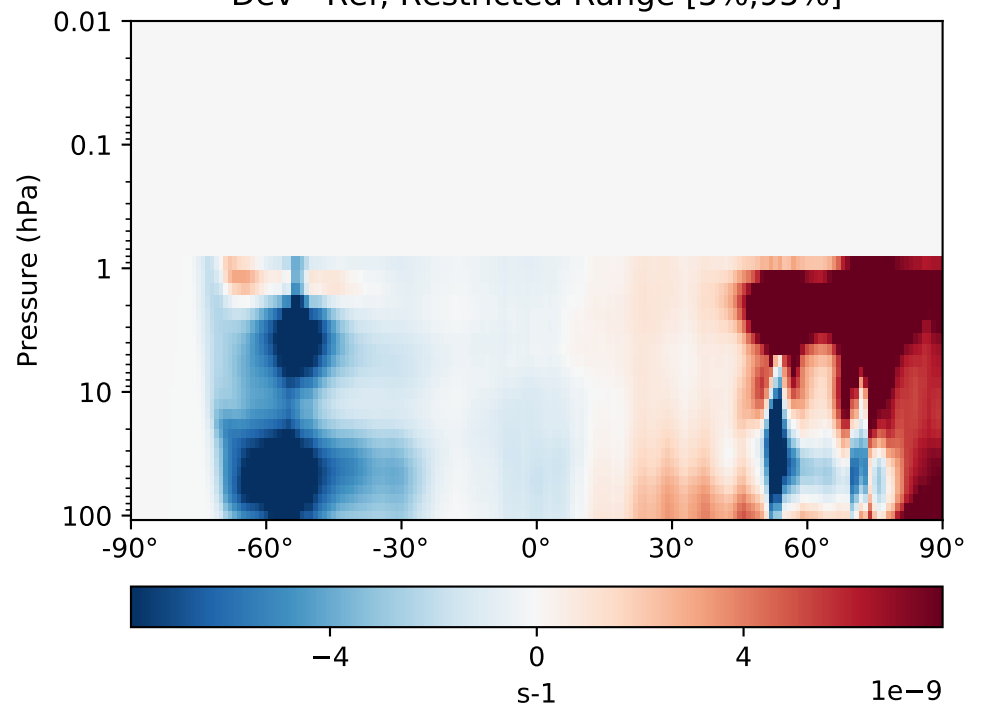
GCHP_12.8.0 (Dev)
1x1.25 regrided from c48



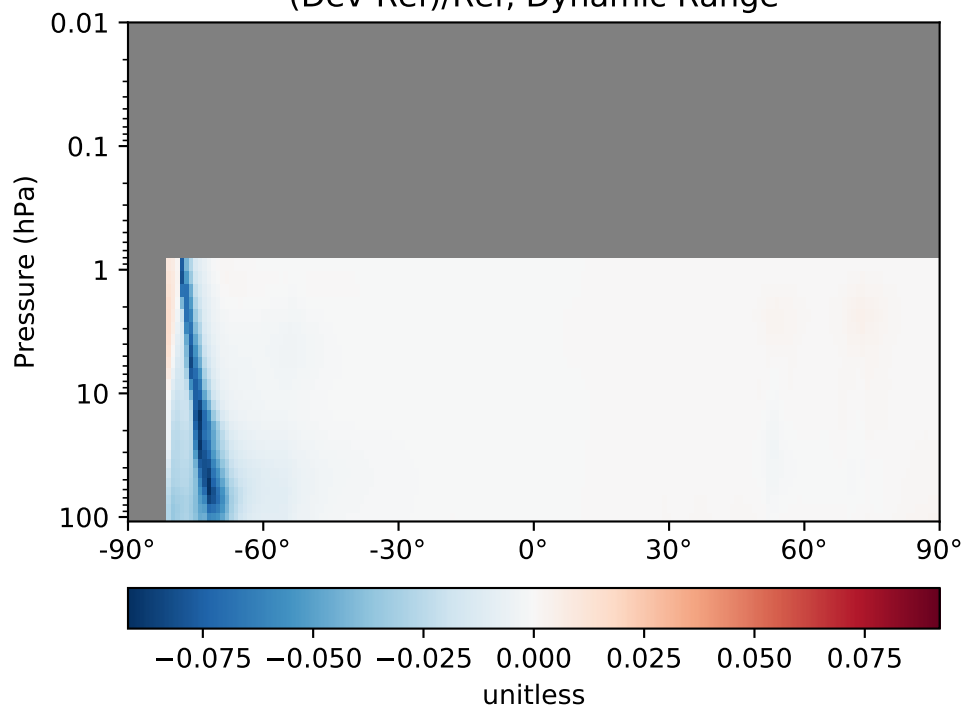
Difference (1x1.25)
Dev - Ref, Dynamic Range



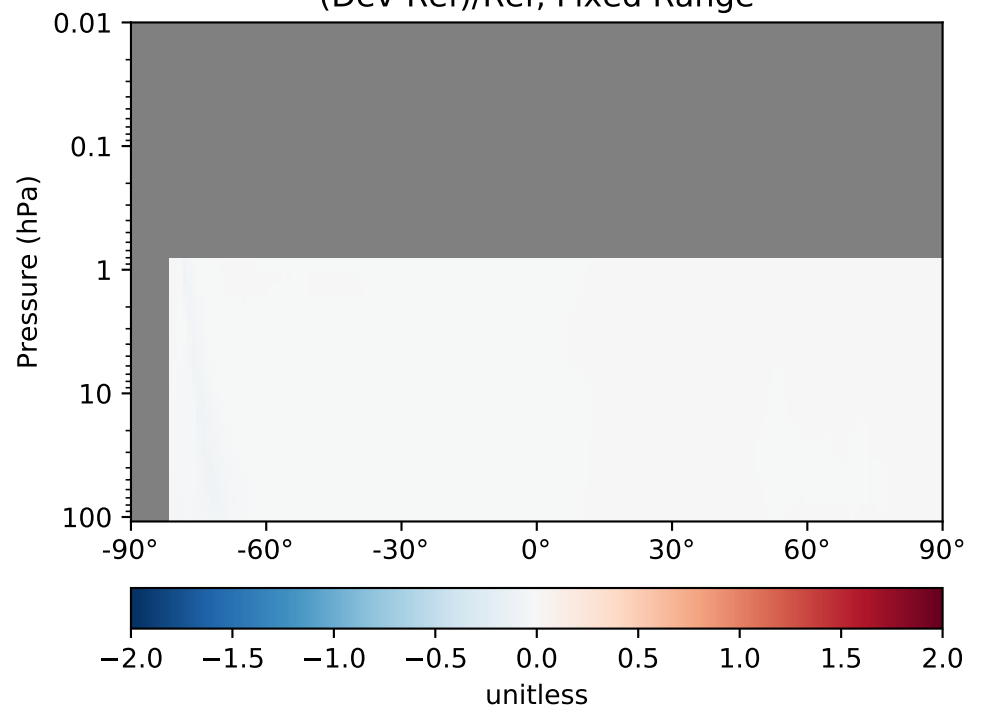
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



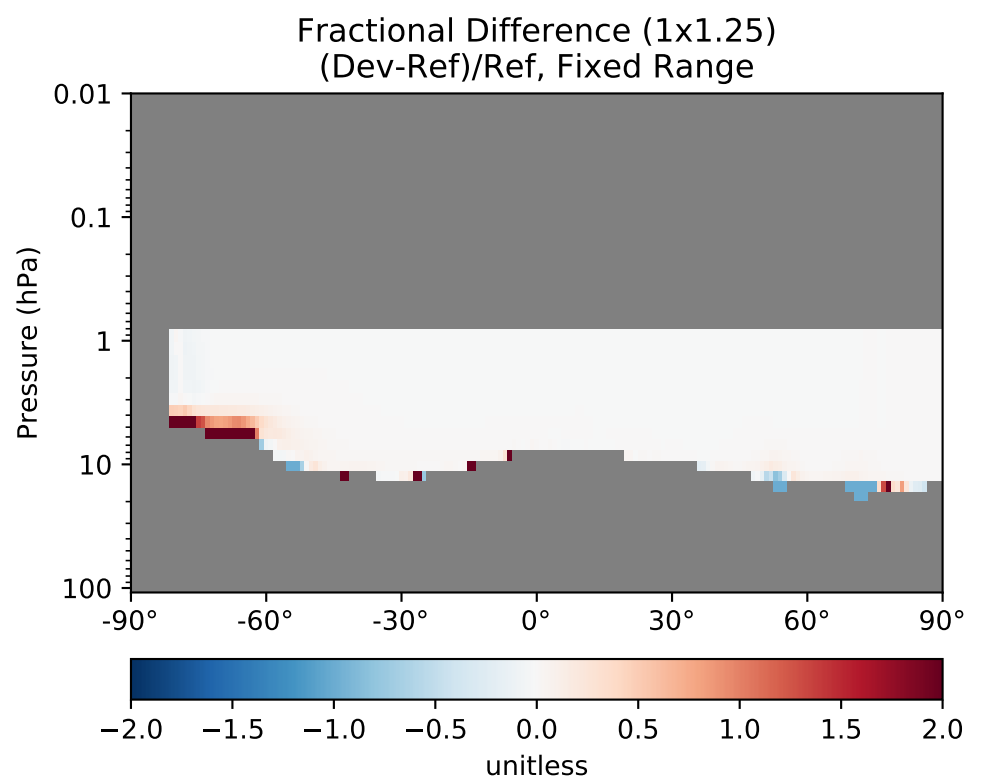
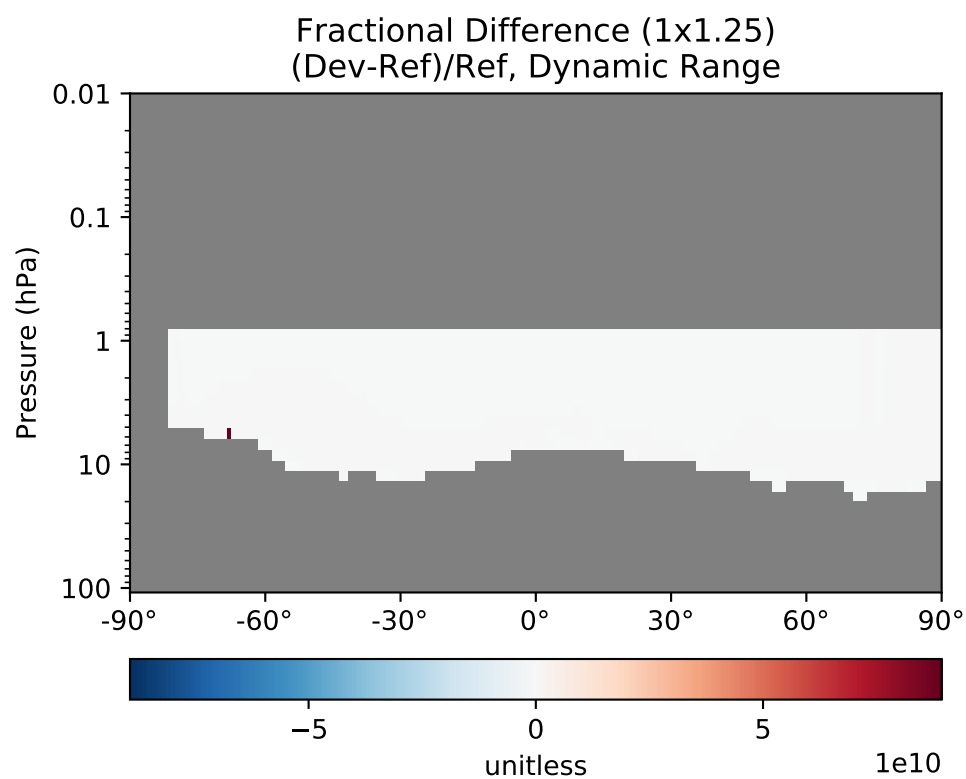
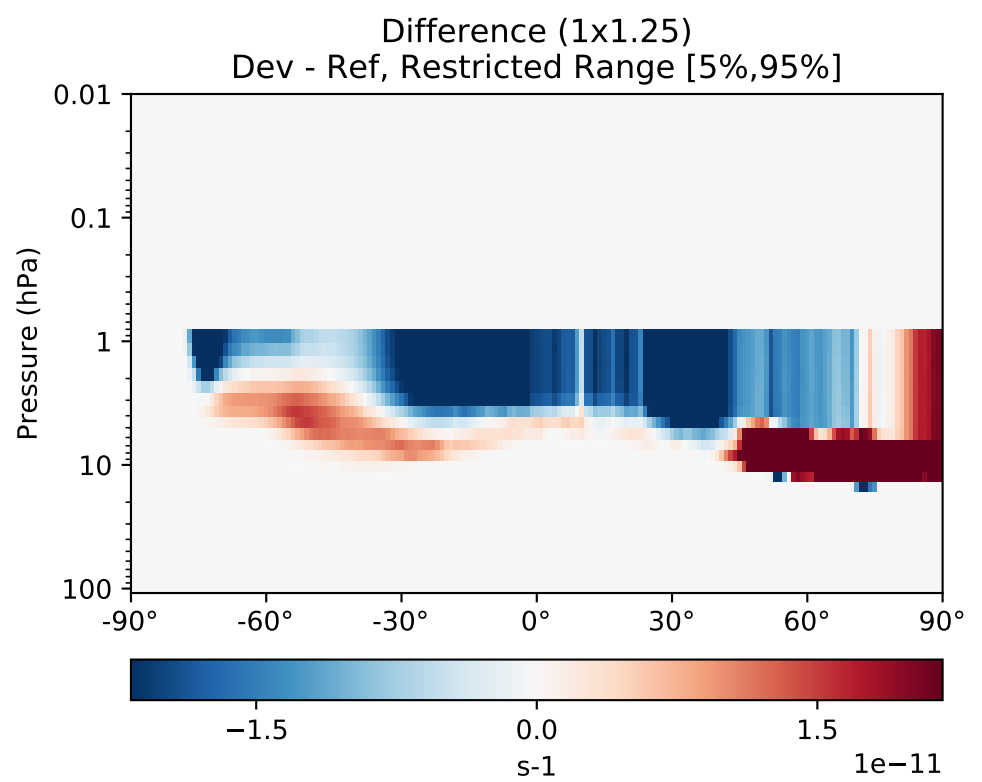
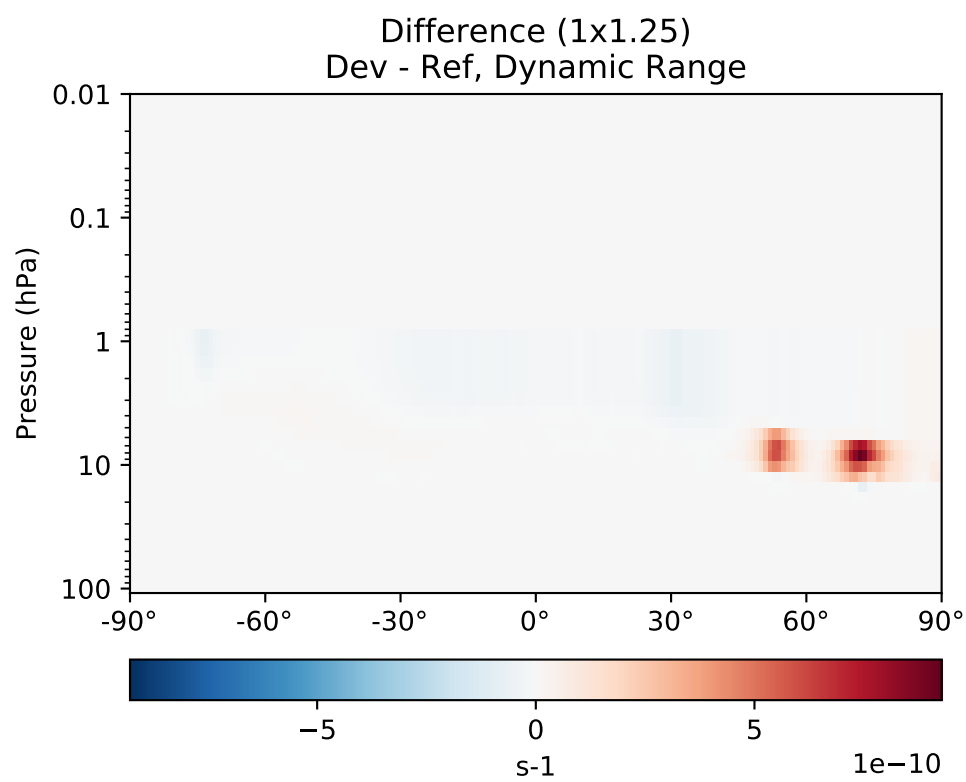
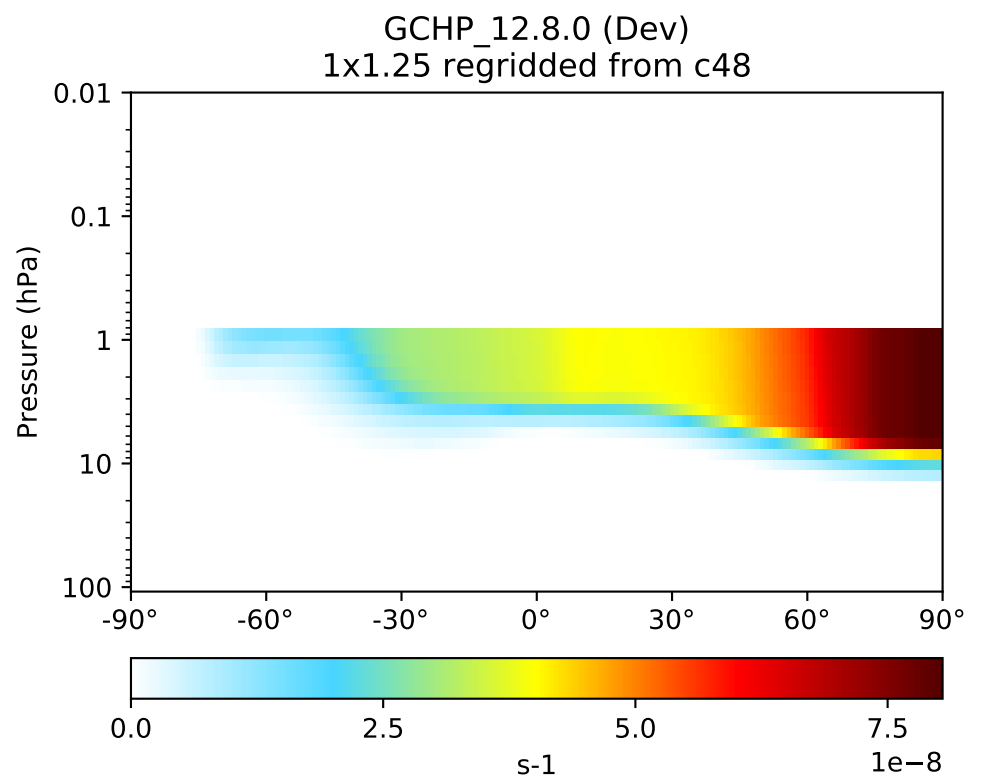
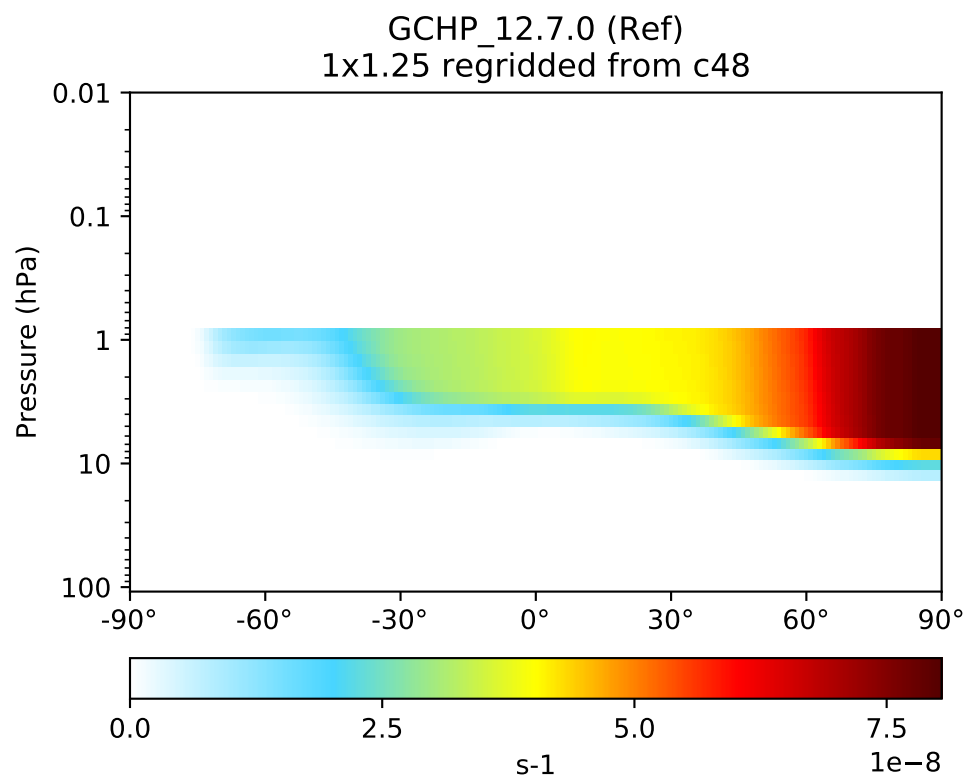
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_SO4, Zonal Mean



Jval_VRP, Zonal Mean

