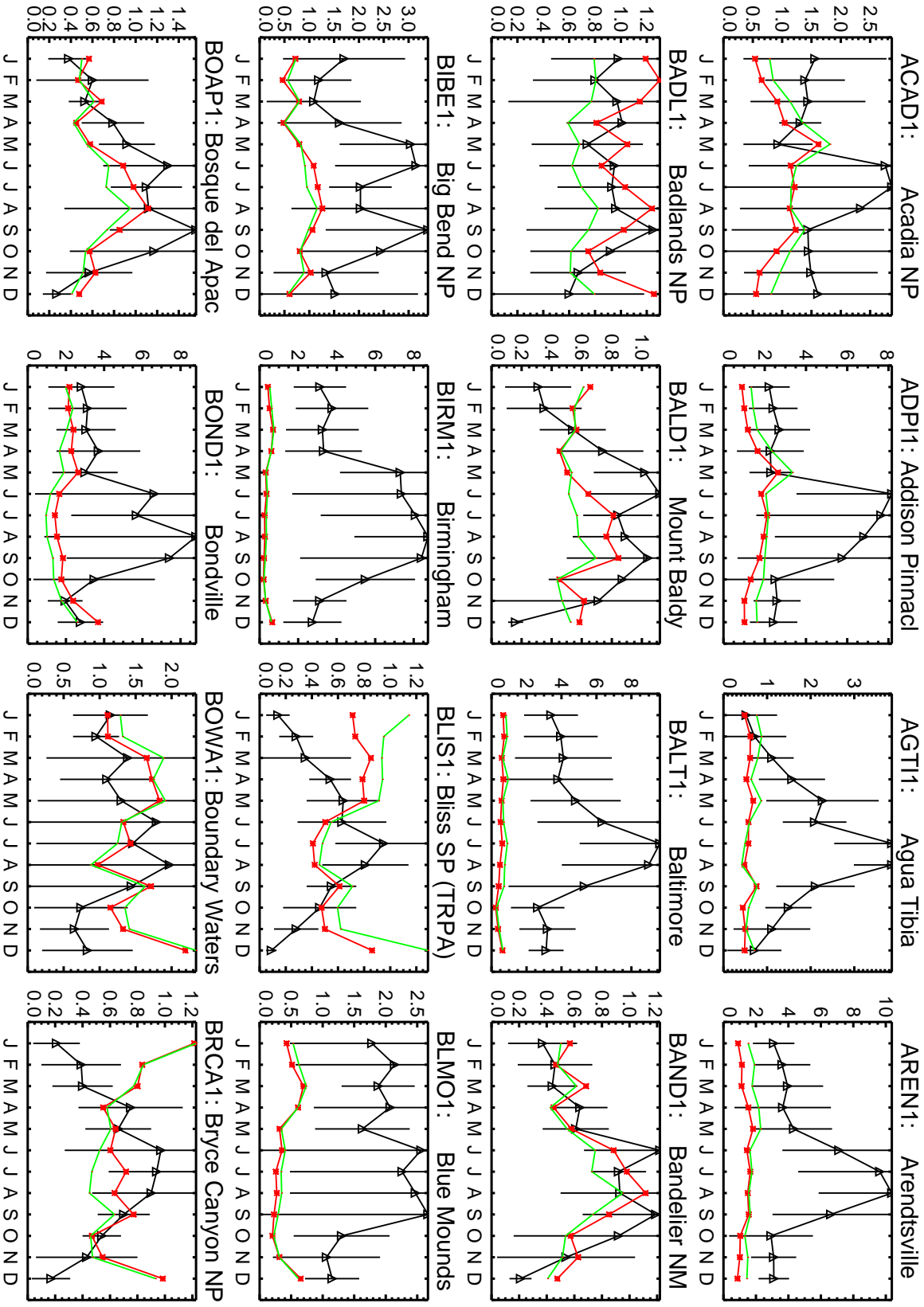


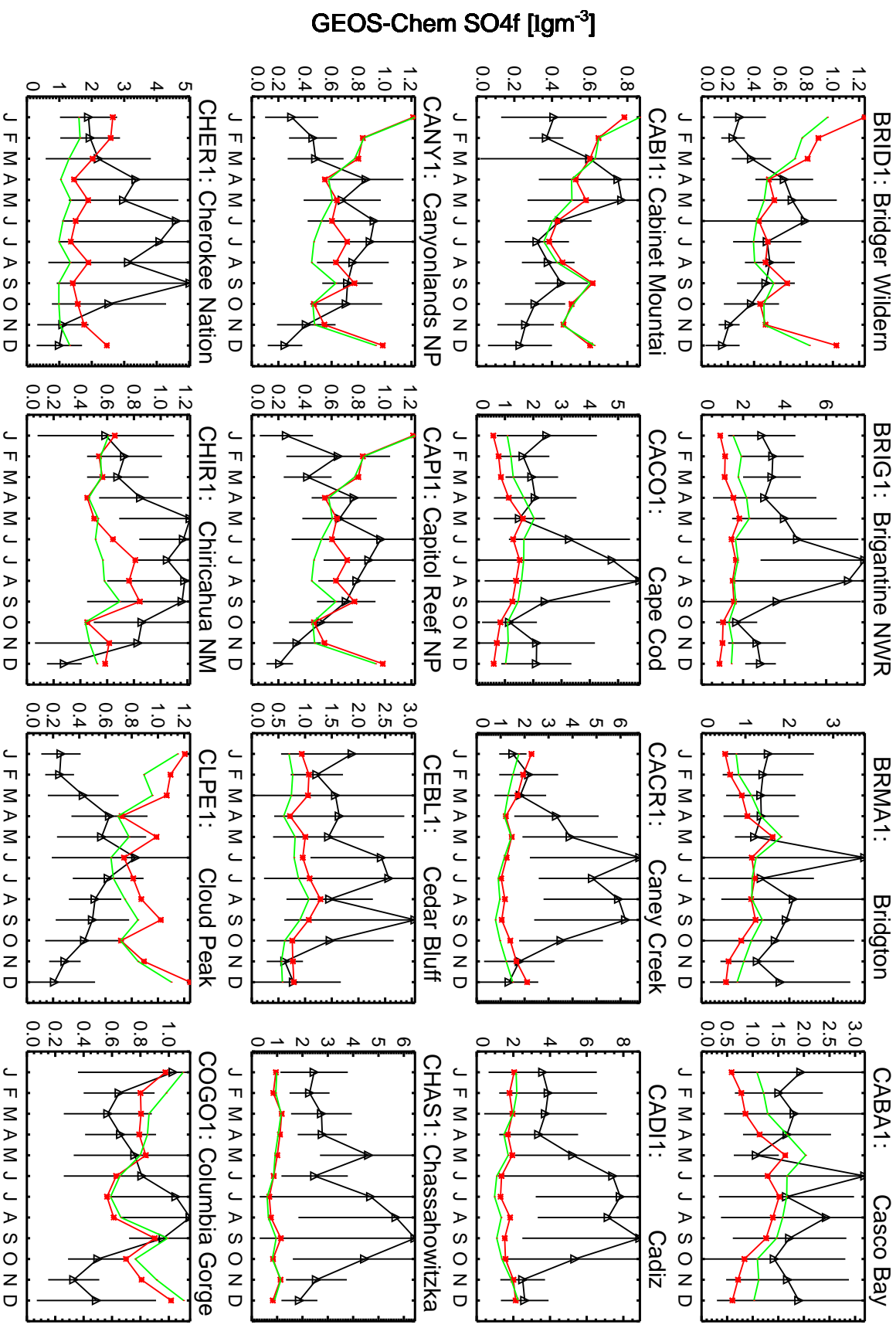
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

GEOS-Chem SO4f [$\mu\text{g m}^{-3}$]



IMPROVE SO4f [$\mu\text{g m}^{-3}$]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

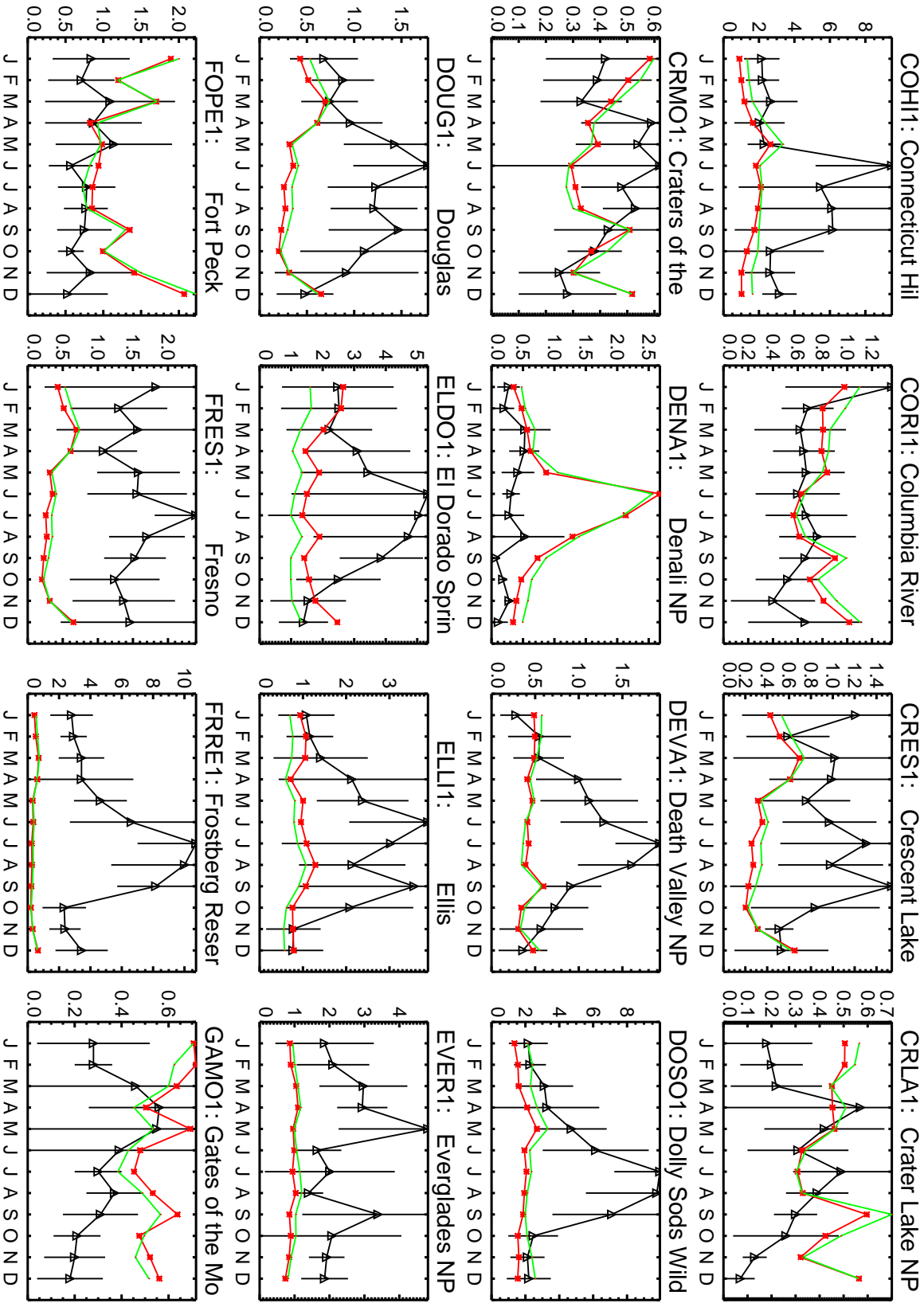


GEOS-Chem SO4f [lgm^{-3}]

IMPROVE SO4f [lgm^{-3}]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

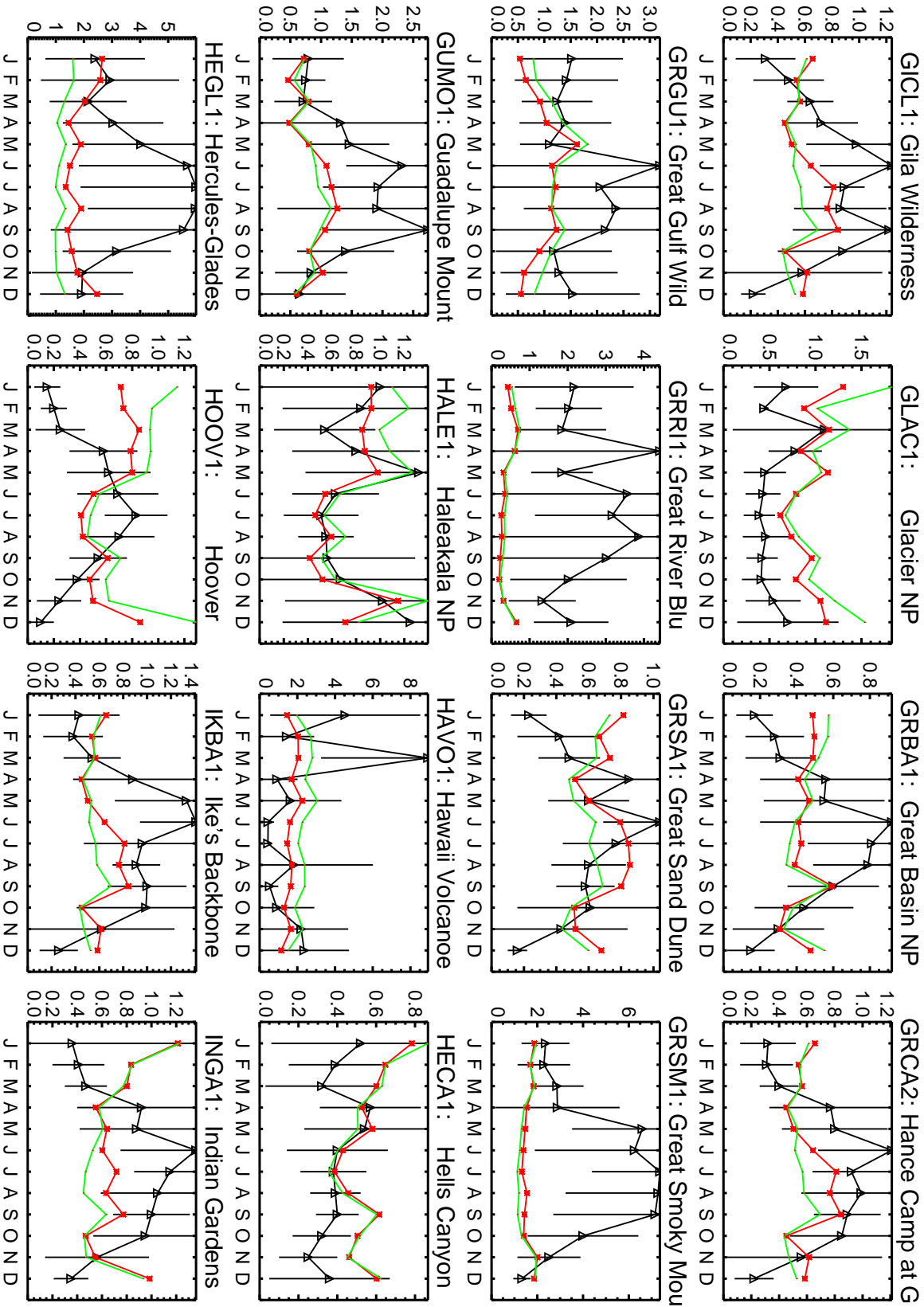
GEOS-Chem SO4f [μgm^{-3}]



IMPROVE SO4f [μgm^{-3}]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

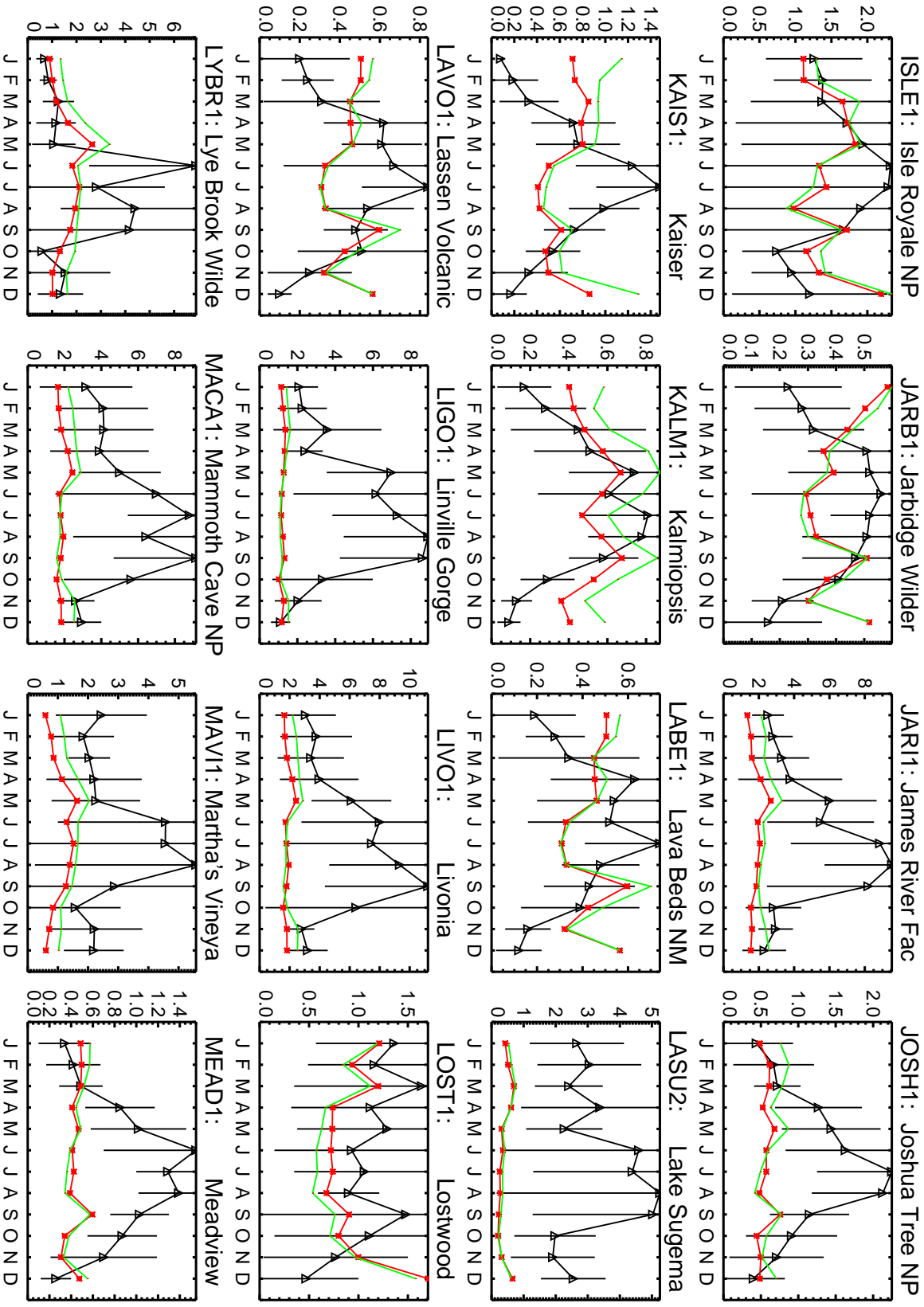
GEOS-Chem SO4f [$\mu\text{g m}^{-3}$]



IMPROVE SO4f [$\mu\text{g m}^{-3}$]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

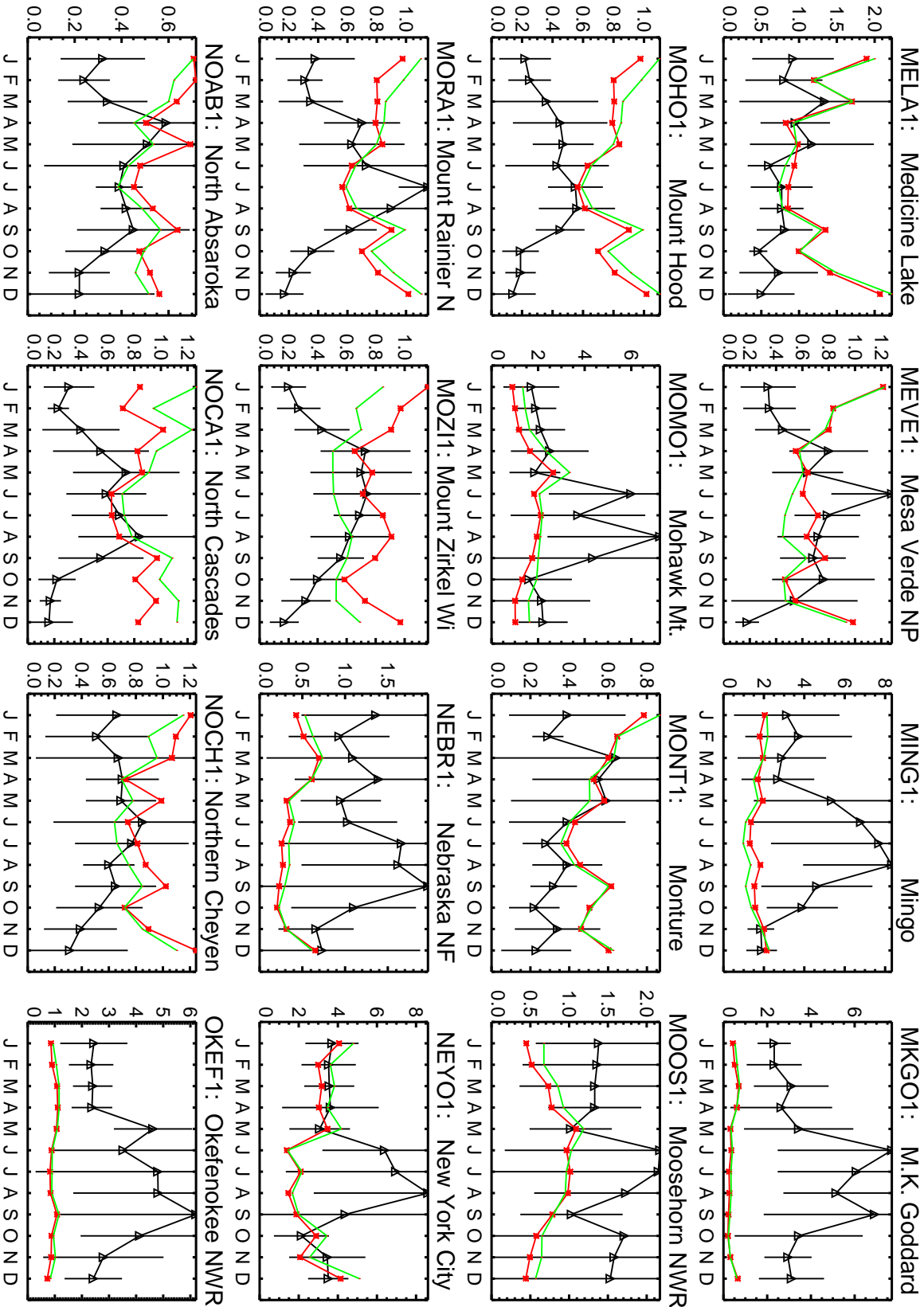
GEOS-Chem SO4f [$\mu\text{g m}^{-3}$]



IMPROVE SO4f [$\mu\text{g m}^{-3}$]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

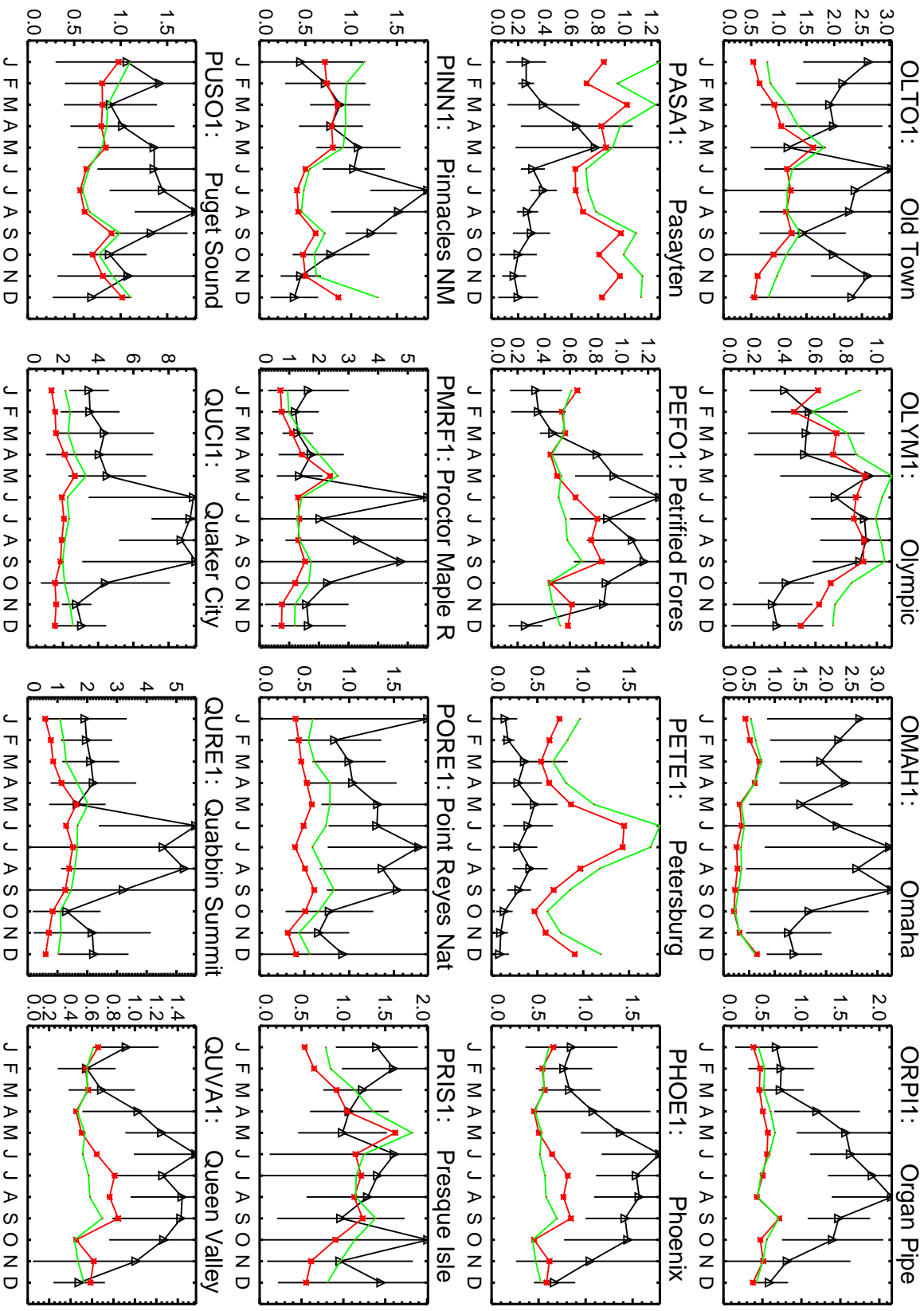
GEOS-Chem SO4f [$\mu\text{g m}^{-3}$]



IMPROVE SO4f [$\mu\text{g m}^{-3}$]

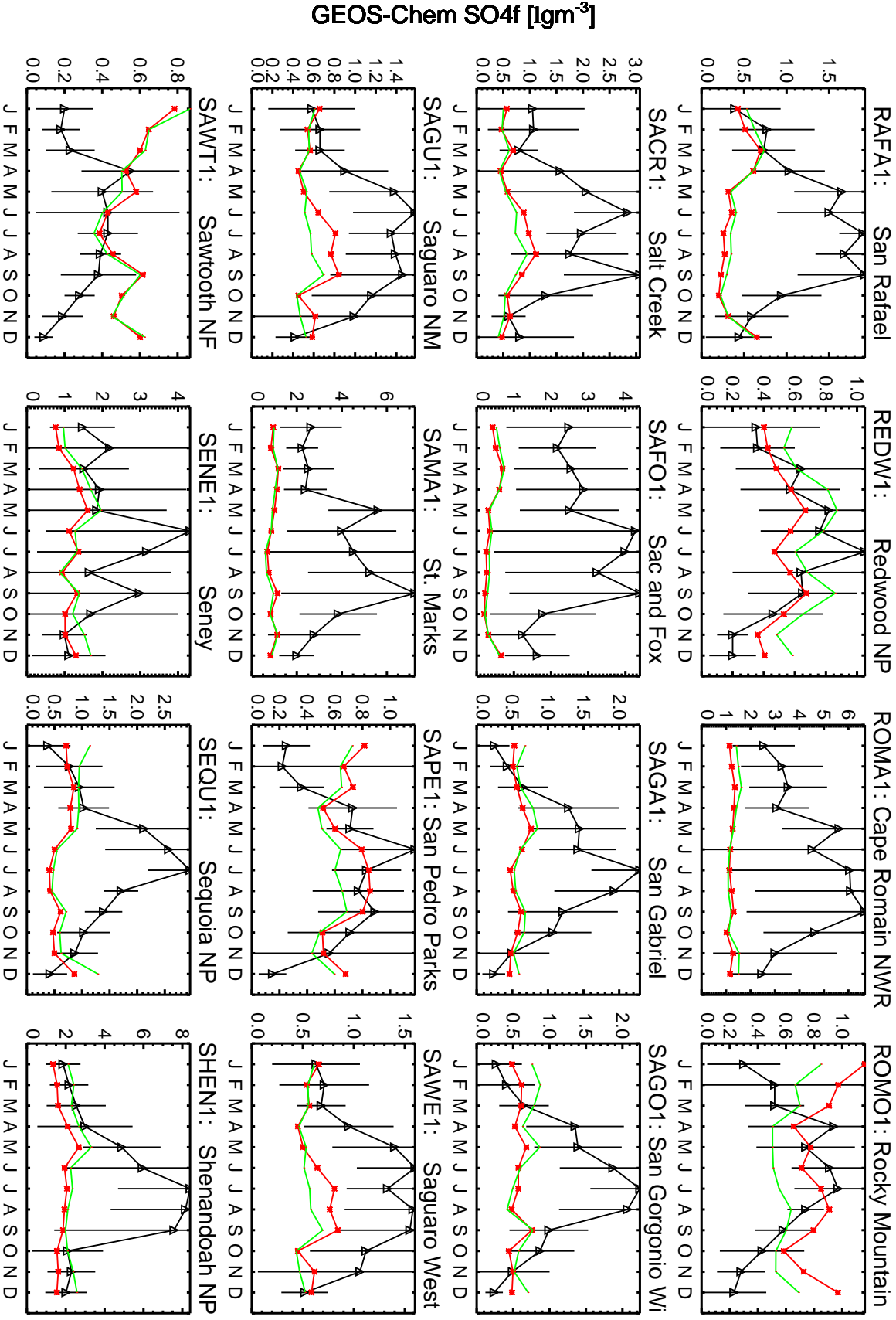
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

GEOS-Chem SO4f [$\mu\text{g m}^{-3}$]



IMPROVE SO4f [$\mu\text{g m}^{-3}$]

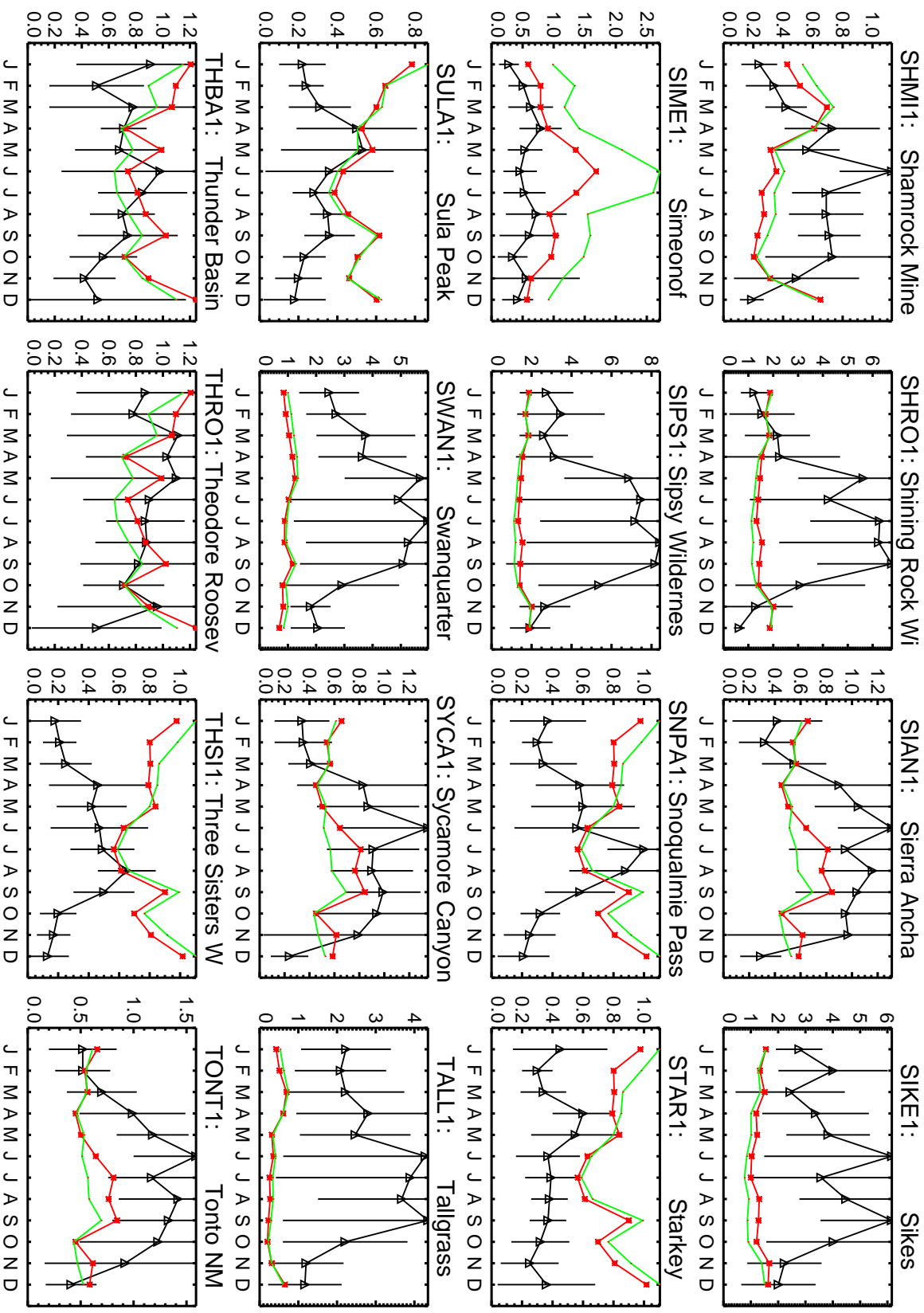
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



IMPROVE SO₄f [Igm⁻³]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

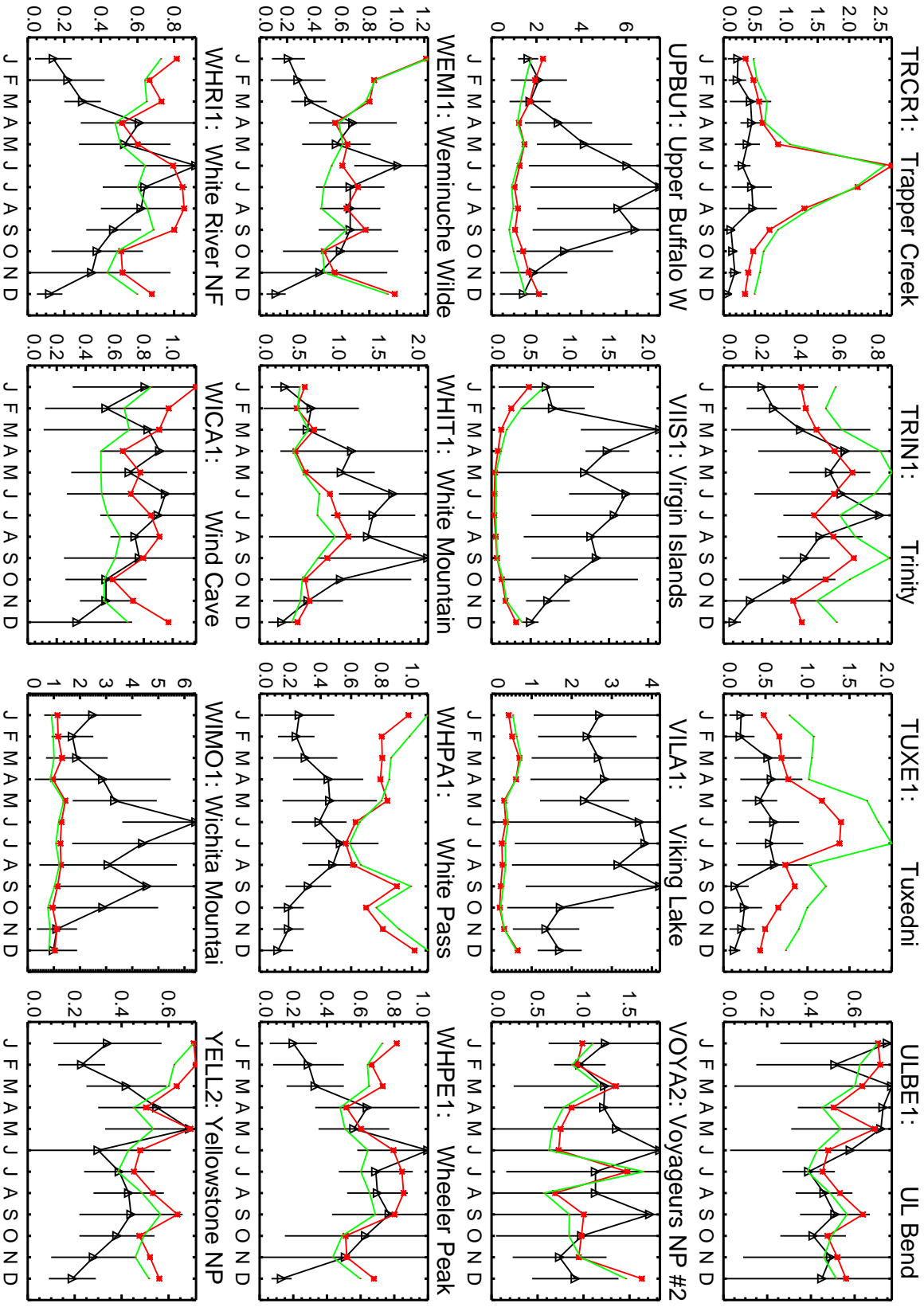
GEOS-Chem SO4f [$\mu\text{g m}^{-3}$]



IMPROVE SO4f [$\mu\text{g m}^{-3}$]

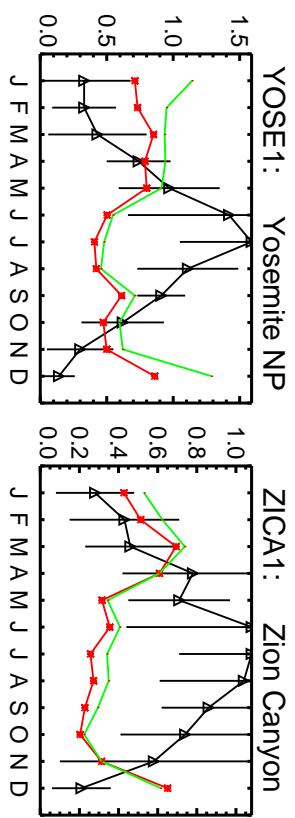
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

GEOS-Chem SO4f [$\mu\text{g m}^{-3}$]



IMPROVE SO4f [$\mu\text{g m}^{-3}$]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

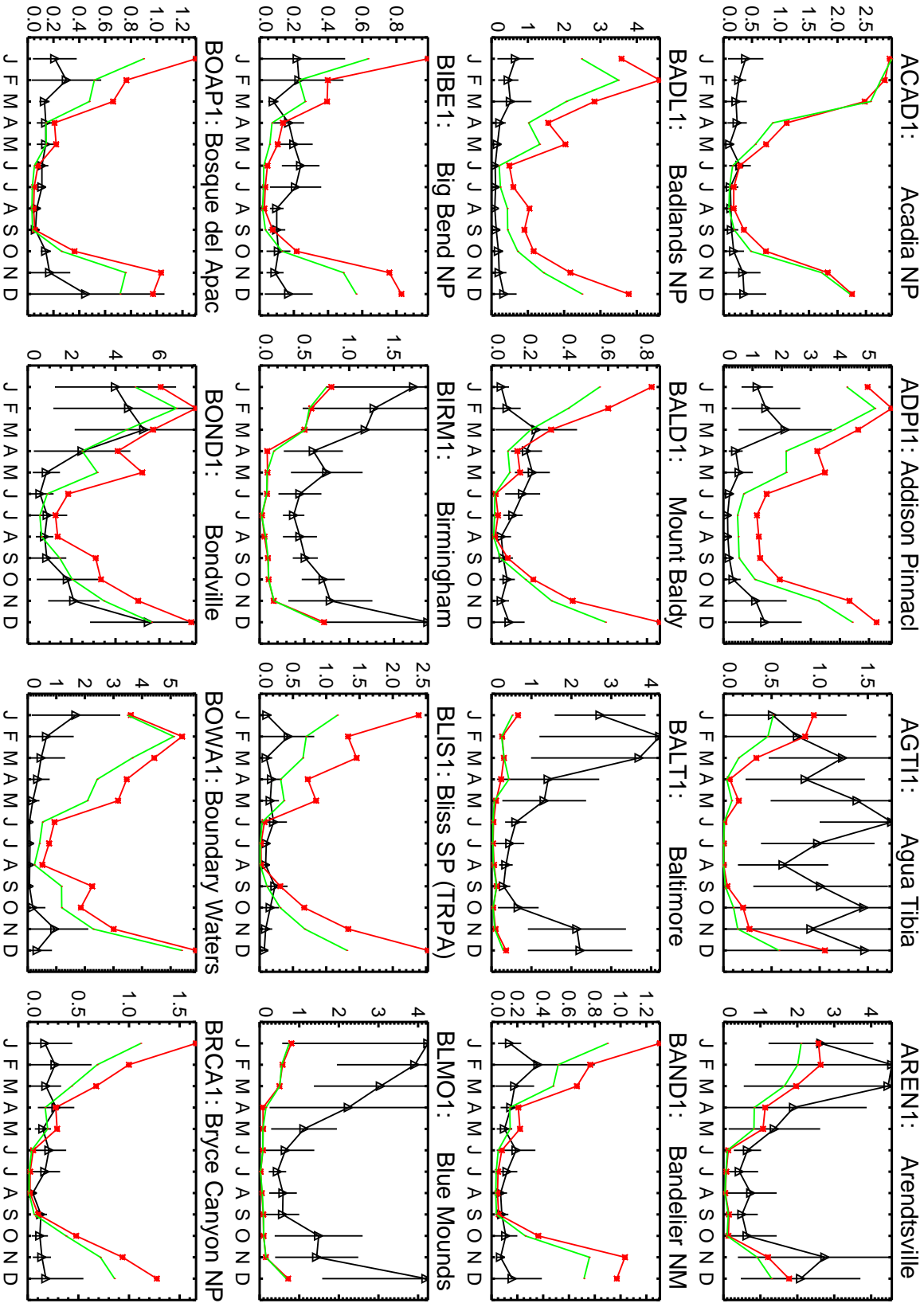


GEOS-Chem SO4f [$\mu\text{g m}^{-3}$]

IMPROVE SO4f [$\mu\text{g m}^{-3}$]

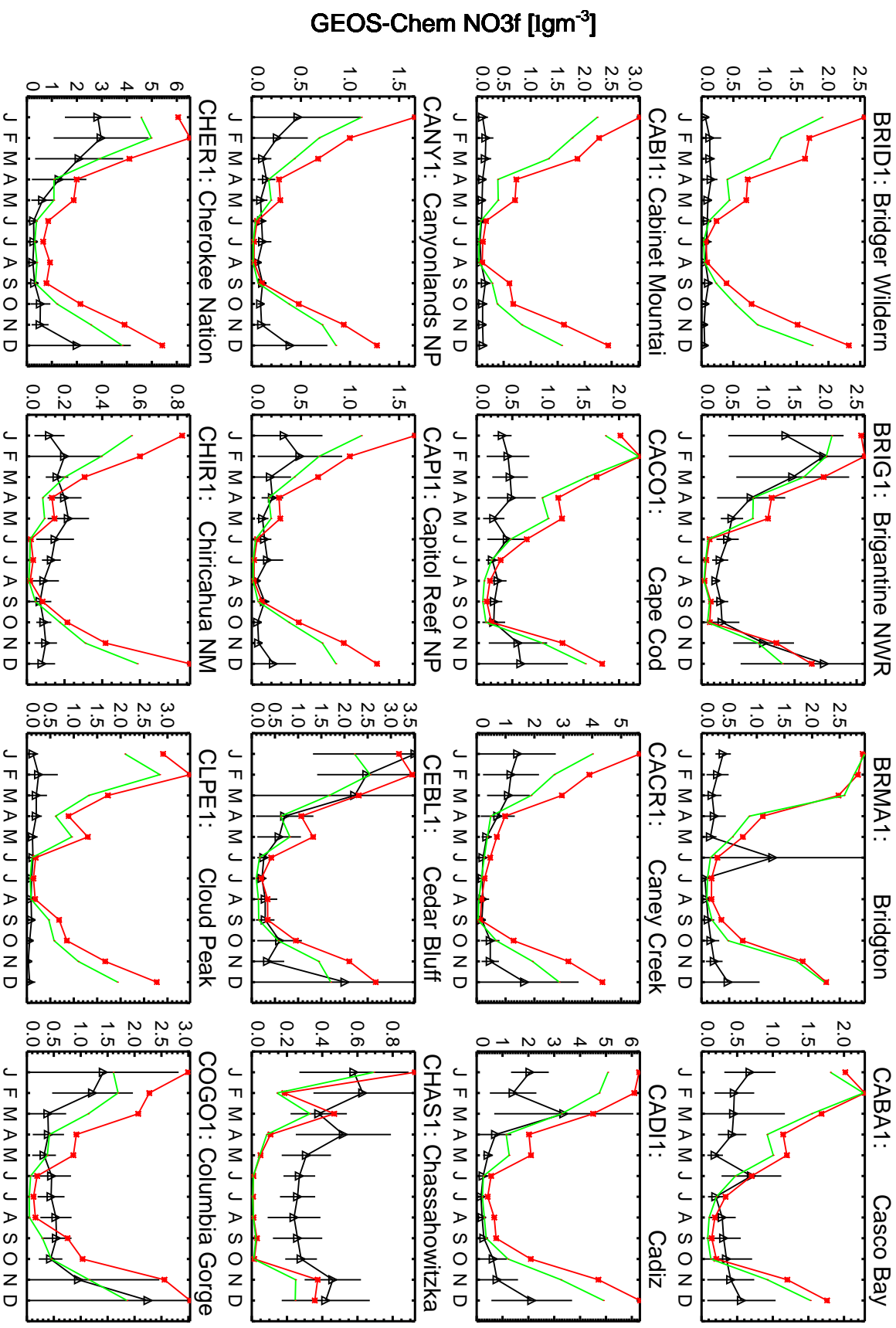
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

GEOS-Chem NO₃f [Igm⁻³]



IMPROVE NO₃f [Igm⁻³]

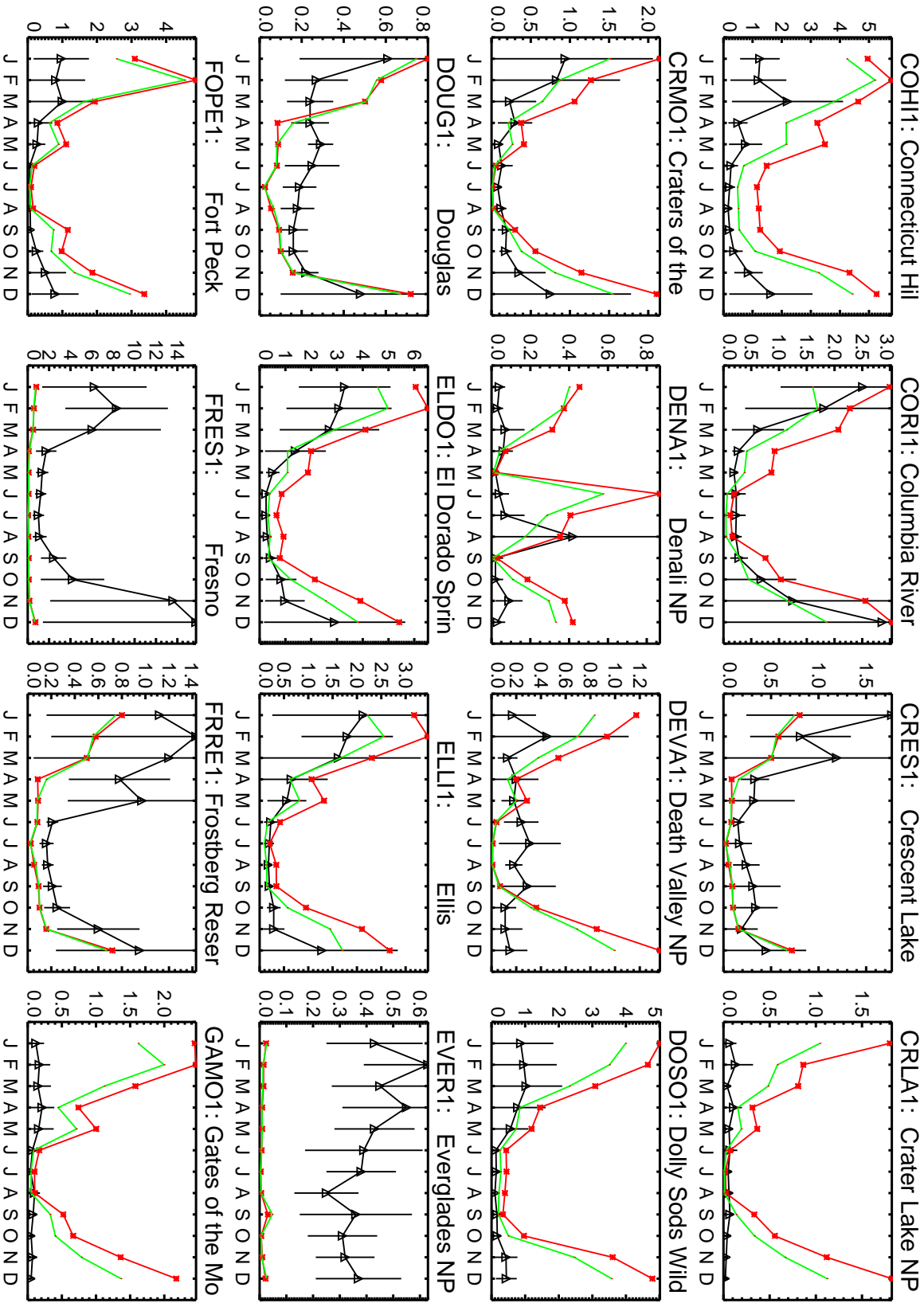
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



IMPROVE NO₃f [Igm⁻³]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

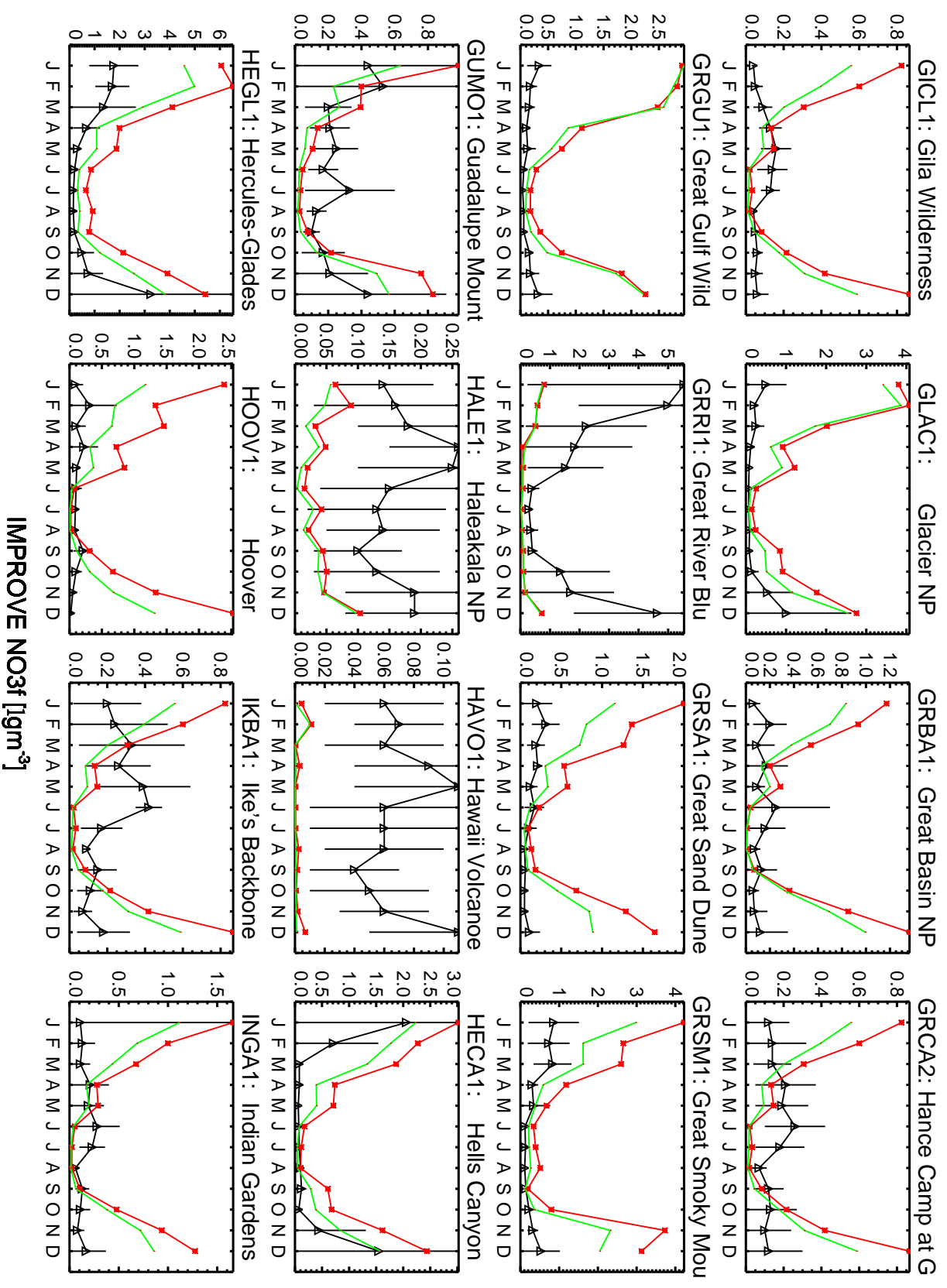
GEOS-Chem NO₃f [Igm⁻³]



IMPROVE NO₃f [Igm⁻³]

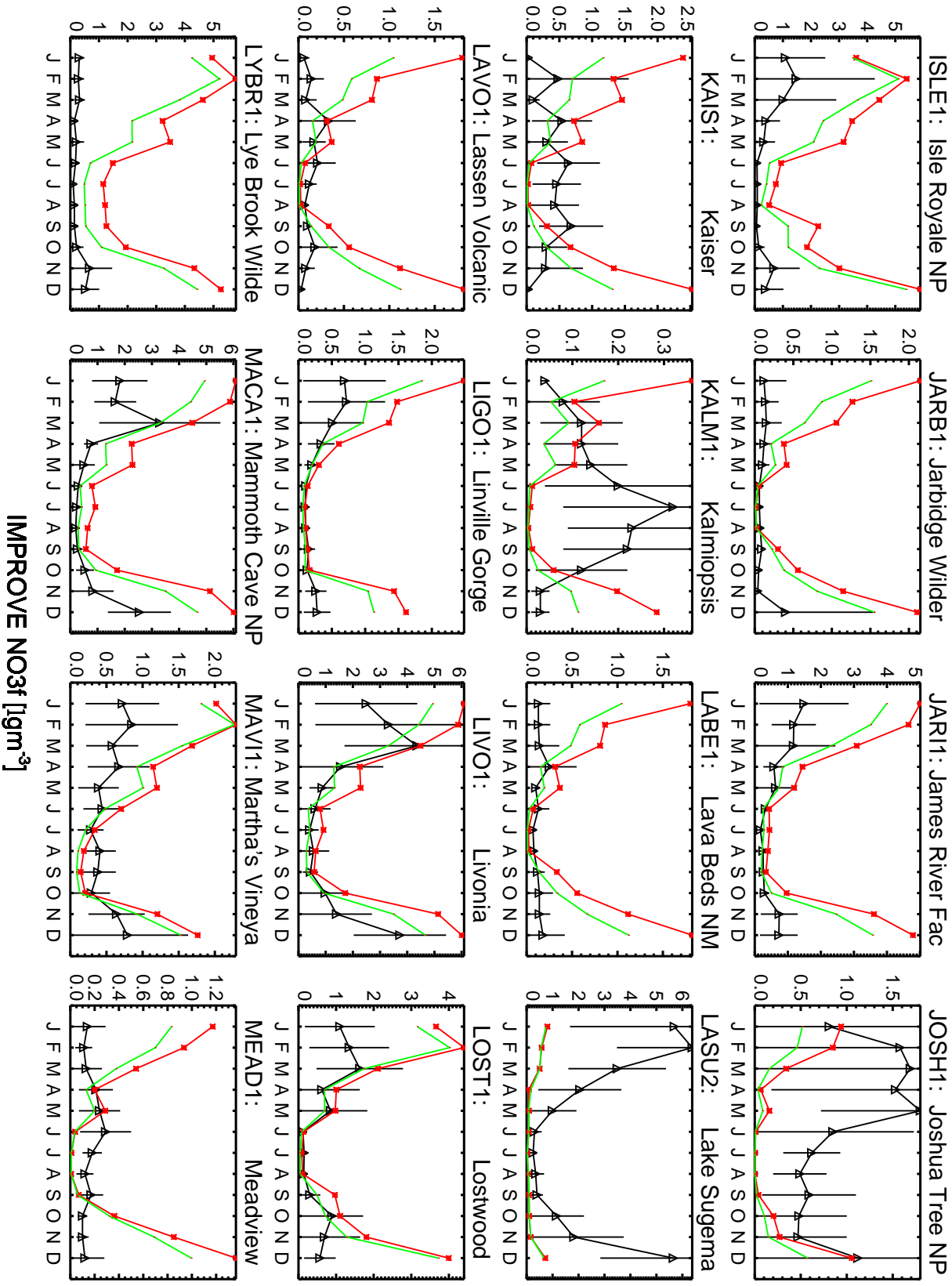
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

GEOS-Chem NO₃f [Igm⁻³]



Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

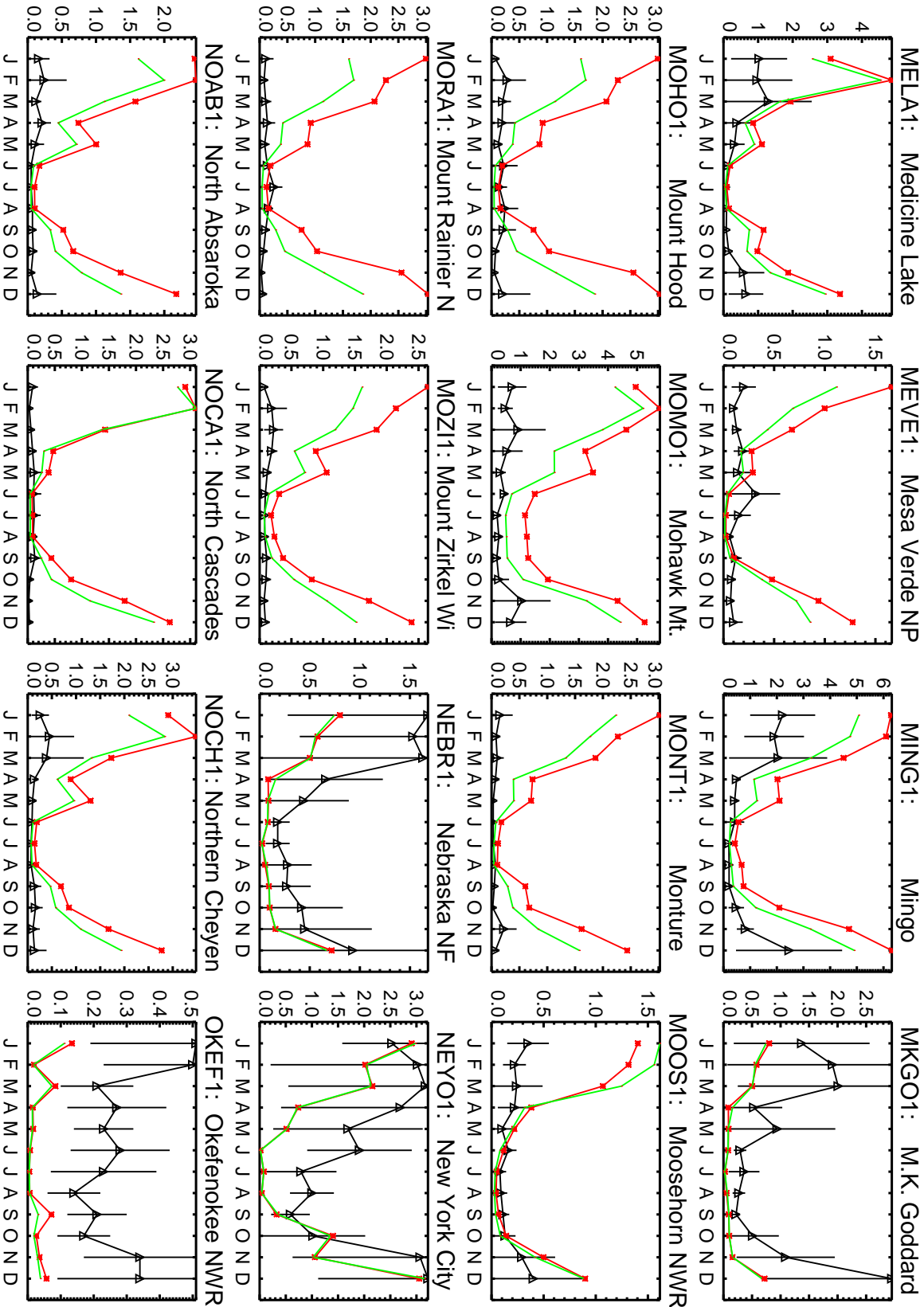
GEOS-Chem NO₃f [Igm⁻³]



IMPROVE NO₃f [Igm⁻³]

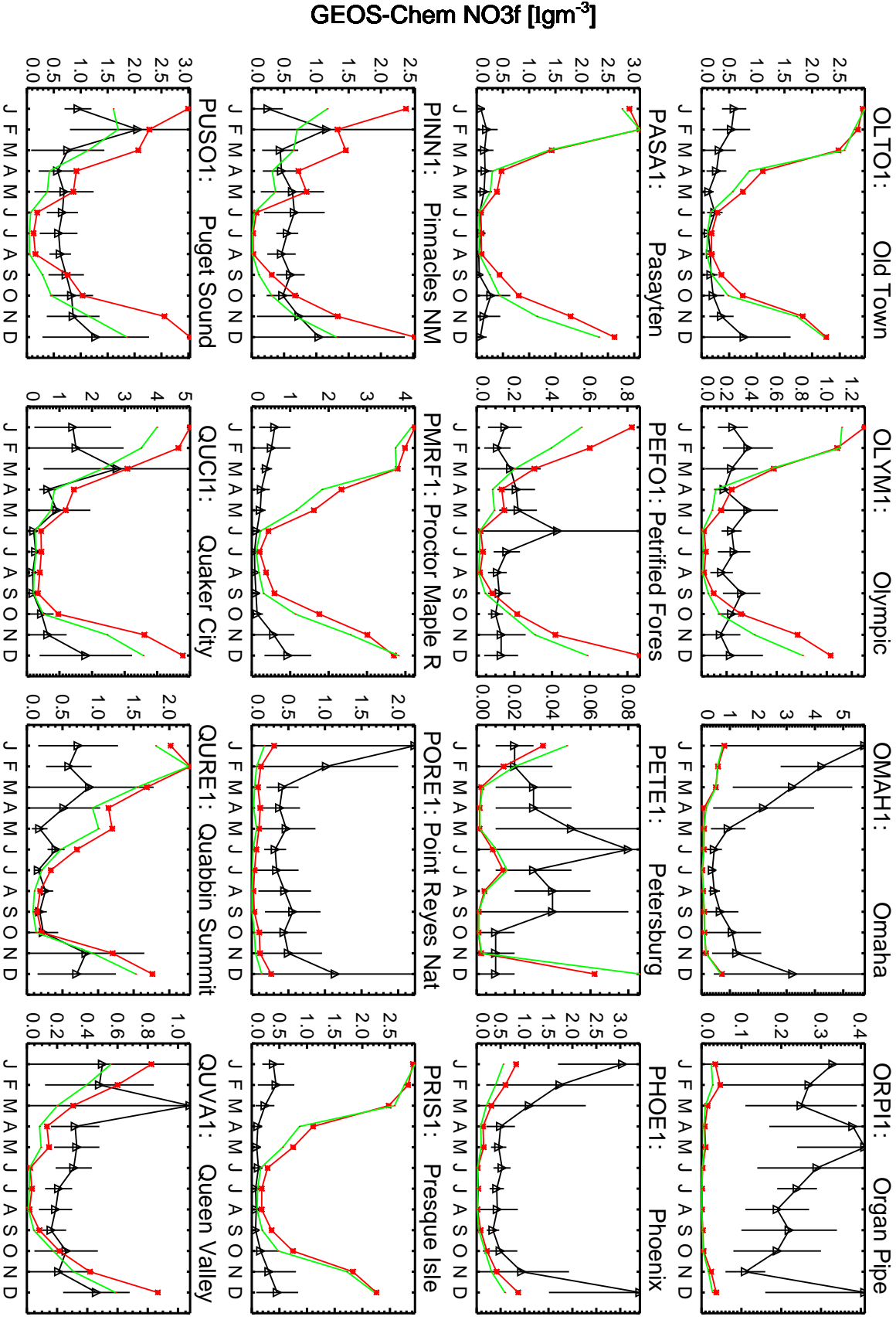
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

GEOS-Chem NO₃f [Igm⁻³]



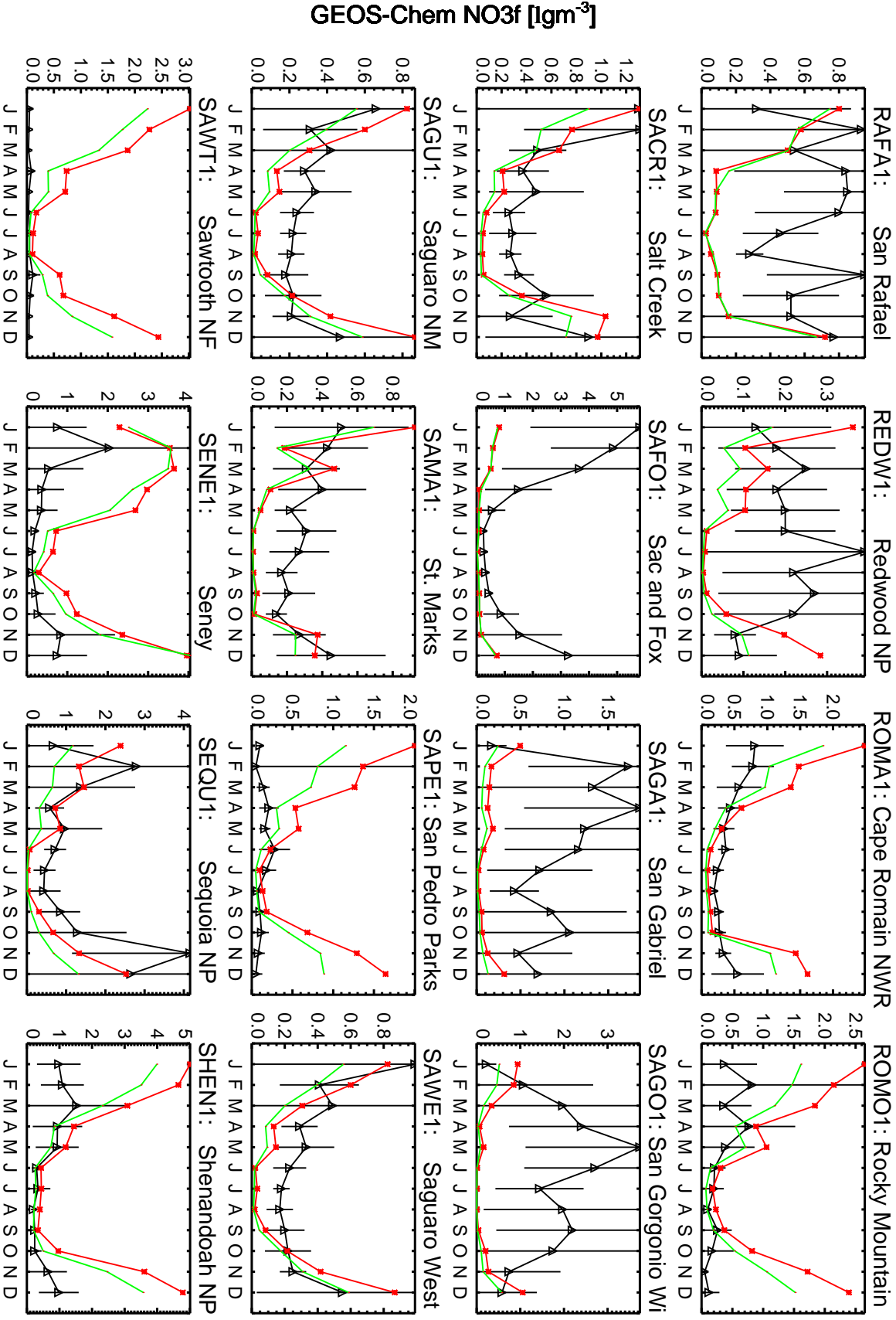
IMPROVE NO₃f [Igm⁻³]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



IMPROVE NO₃f [$\mu\text{g m}^{-3}$]

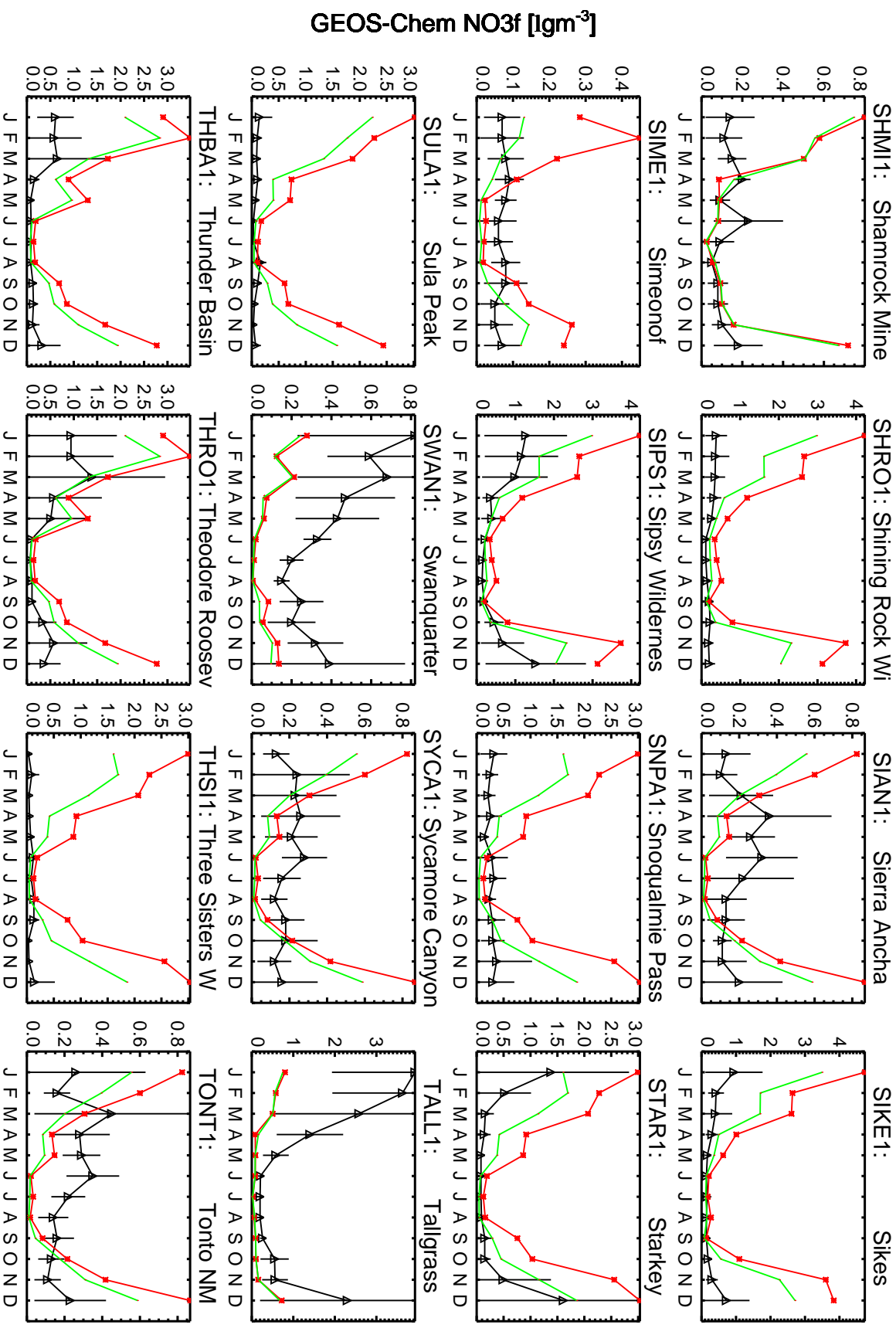
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



GEOS-Chem NO_3f [Igm^{-3}]

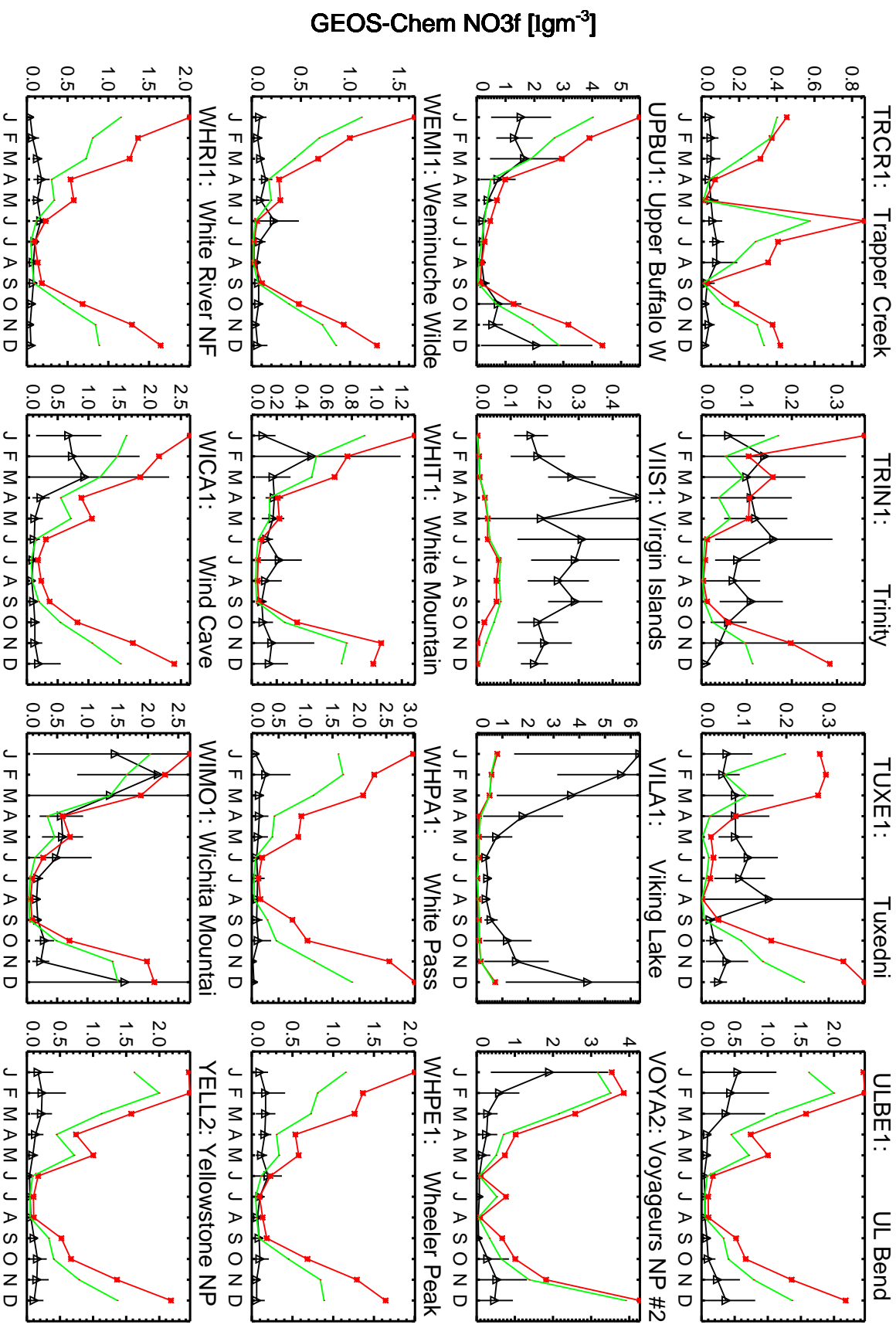
IMPROVE NO_3f [Igm^{-3}]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



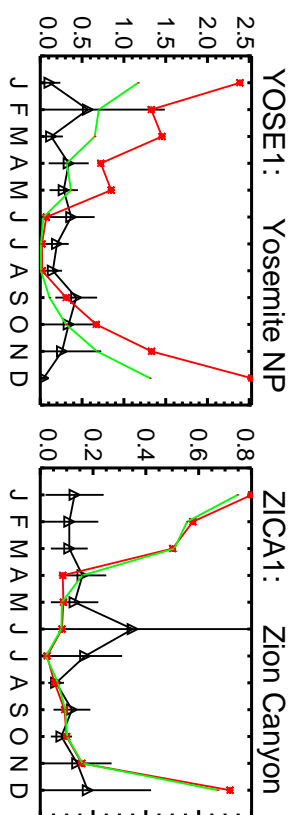
IMPROVE NO₃f [Igm⁻³]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



IMPROVE NO₃f [Igm⁻³]

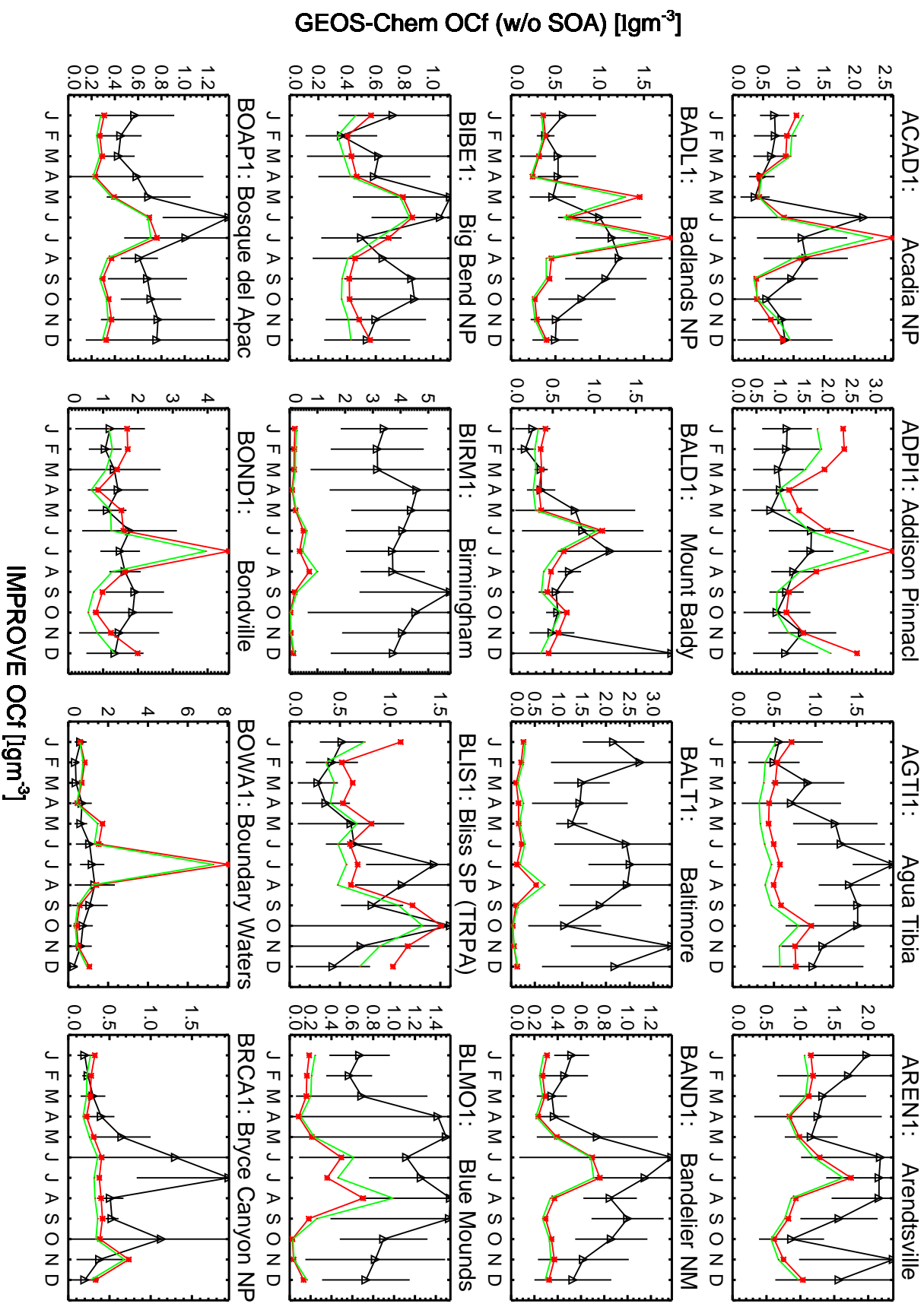
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



GEOS-Chem NO_3f [$\mu\text{g m}^{-3}$]

IMPROVE NO_3f [$\mu\text{g m}^{-3}$]

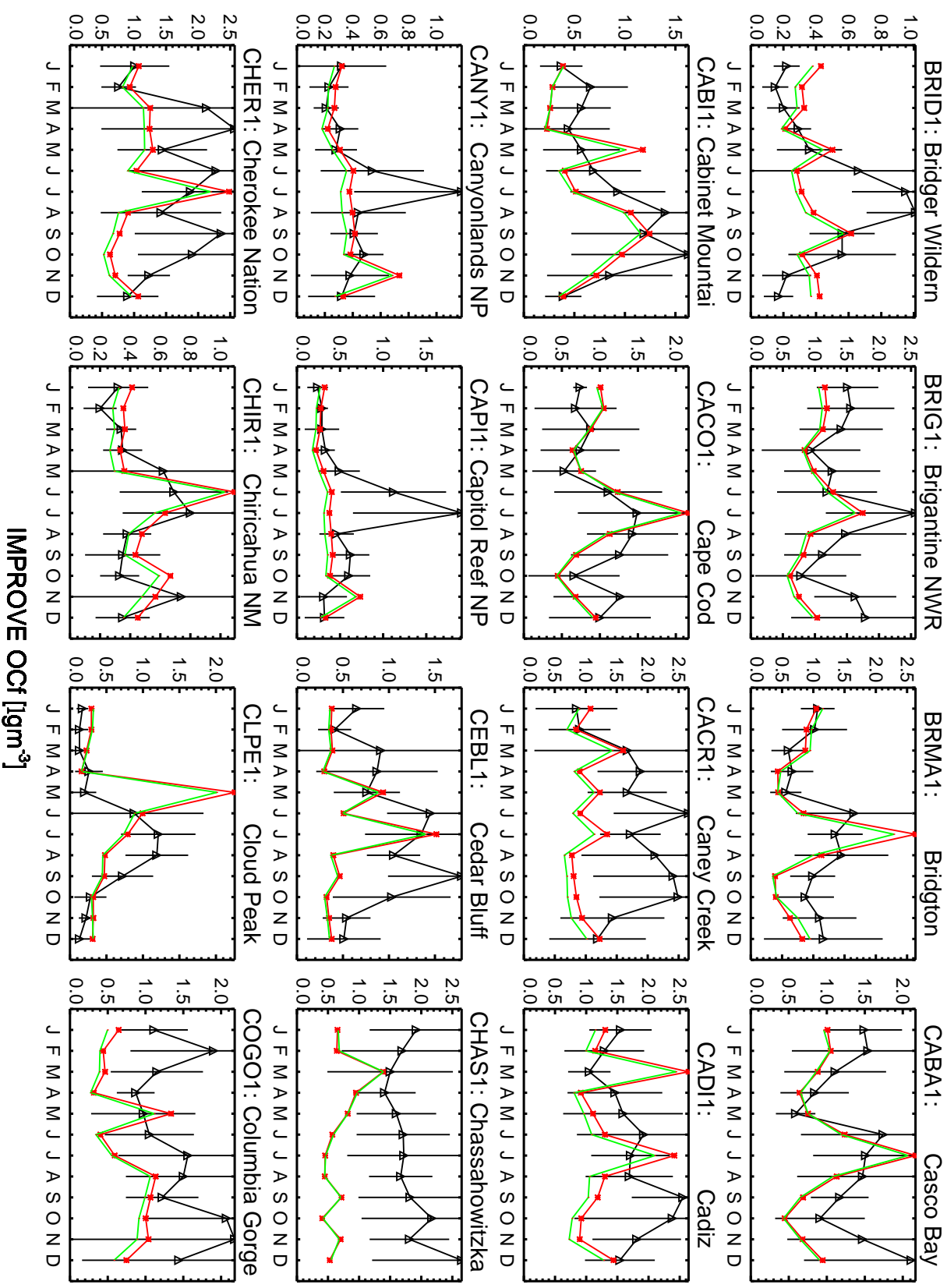
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



IMPROVE OCf [$\mu\text{g m}^{-3}$]

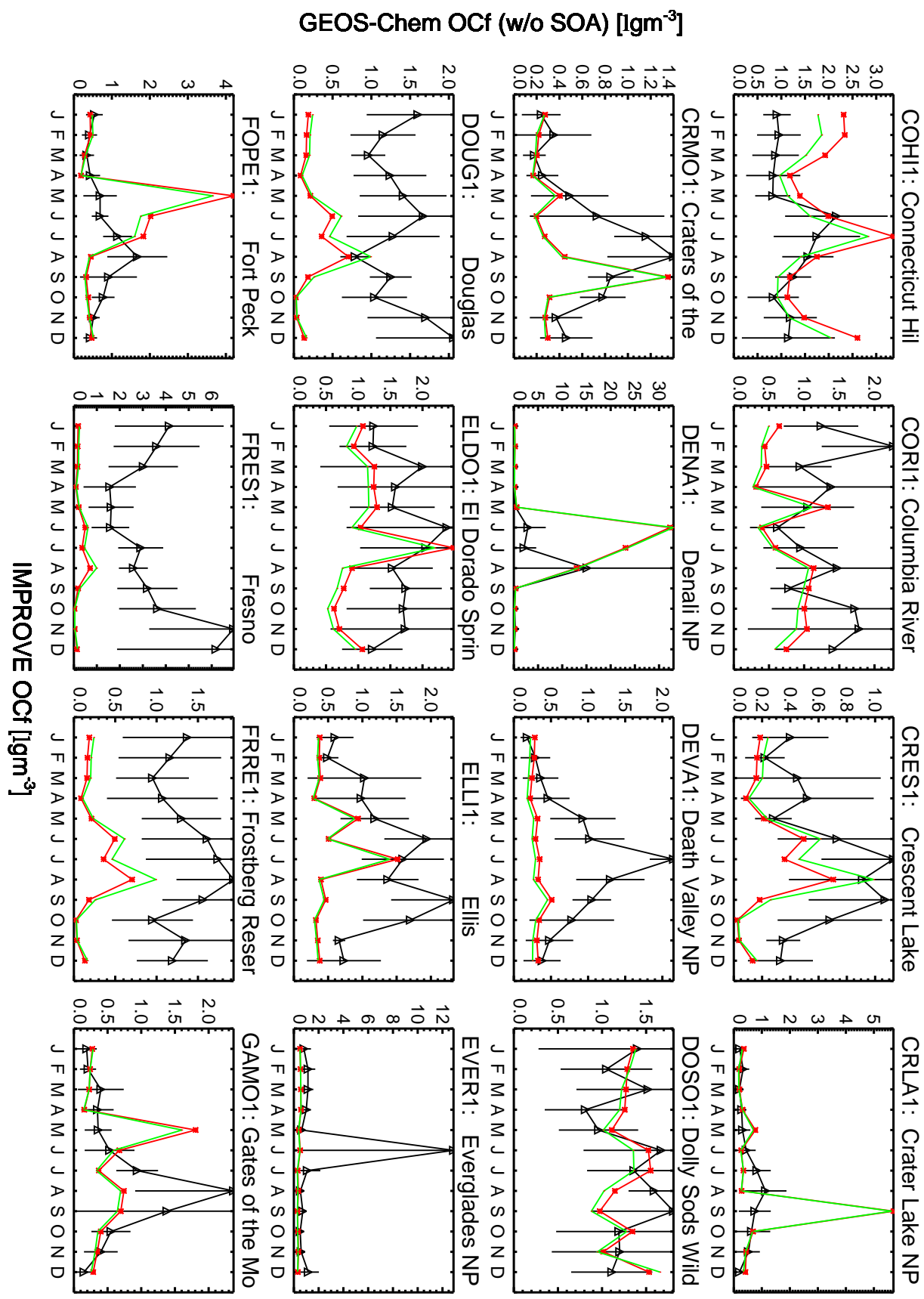
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

GEOS-Chem OCf (w/o SOA) [$\mu\text{g m}^{-3}$]

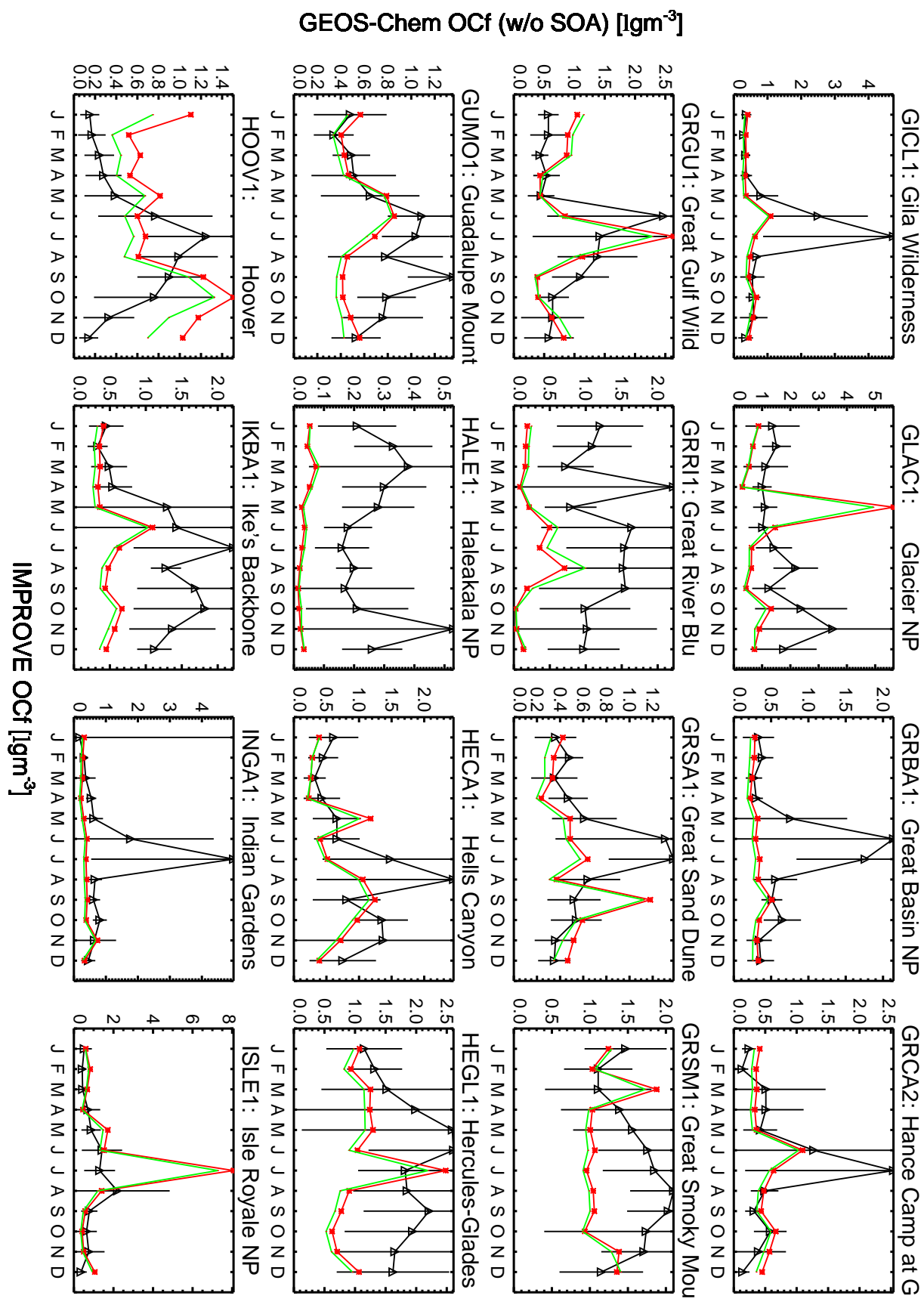


IMPROVE OCf [$\mu\text{g m}^{-3}$]

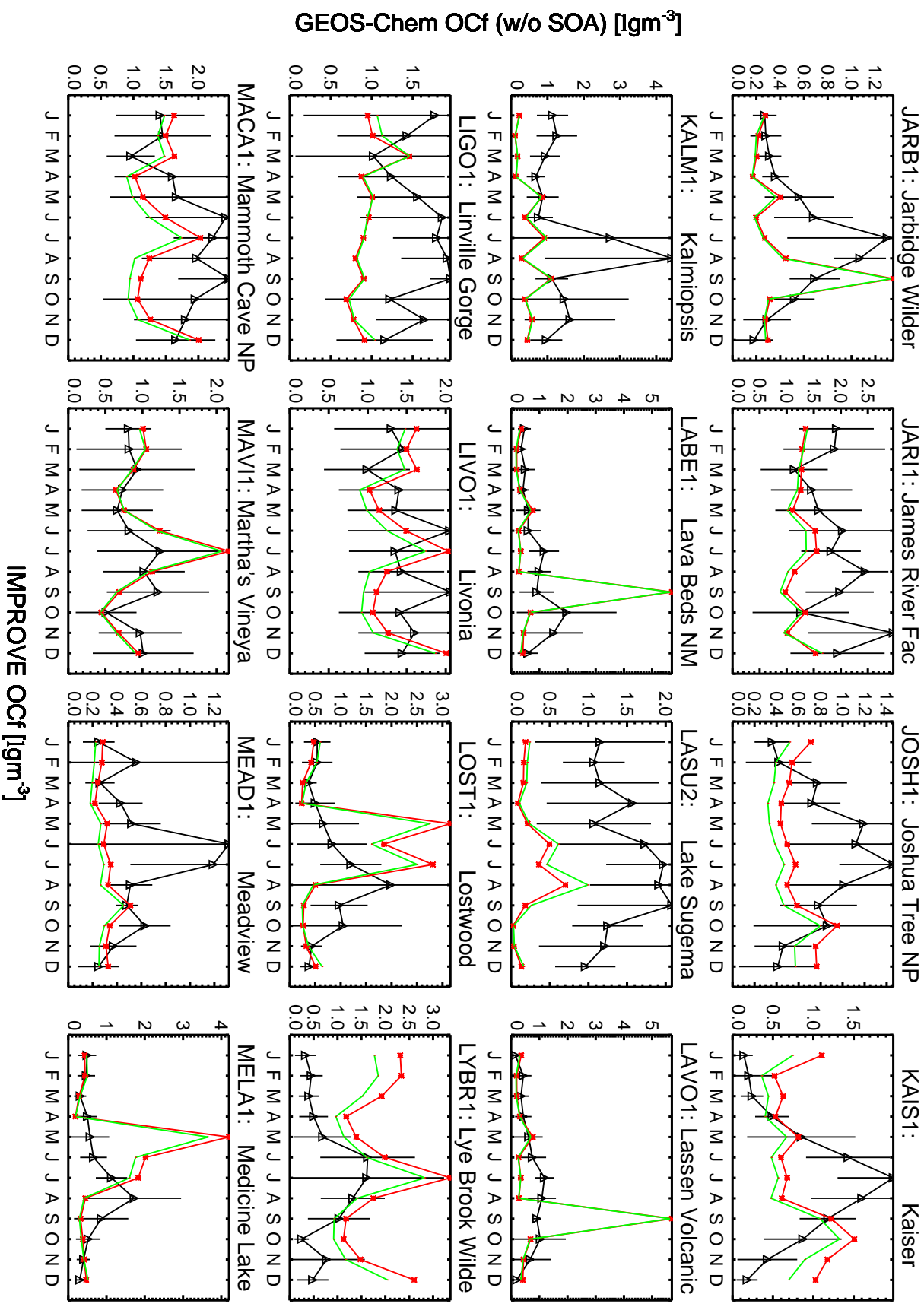
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



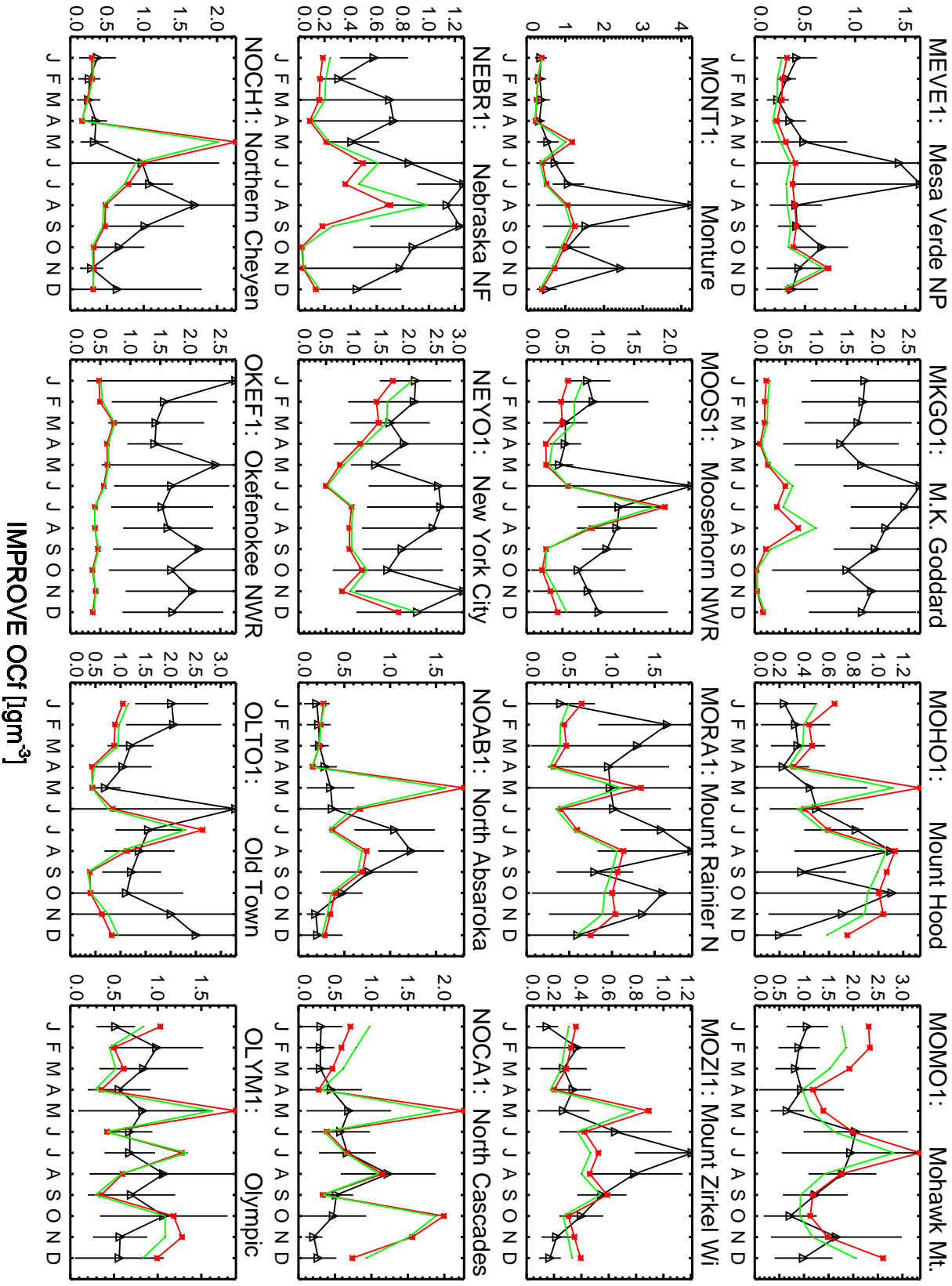
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



IMPROVE OCf [$\mu\text{g m}^{-3}$]

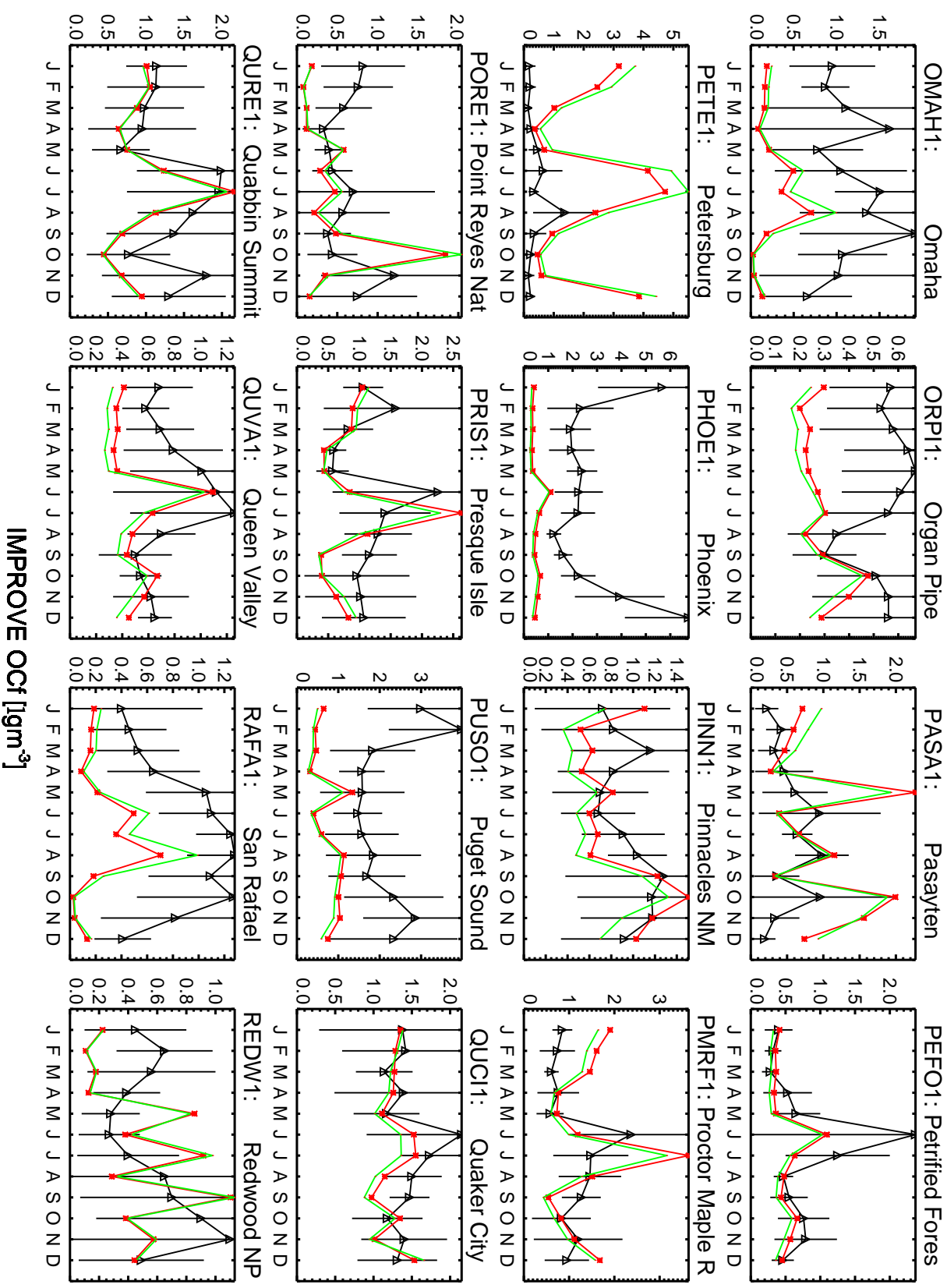
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

GEOS-Chem OCf (w/o SOA) [$\mu\text{g m}^{-3}$]



Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

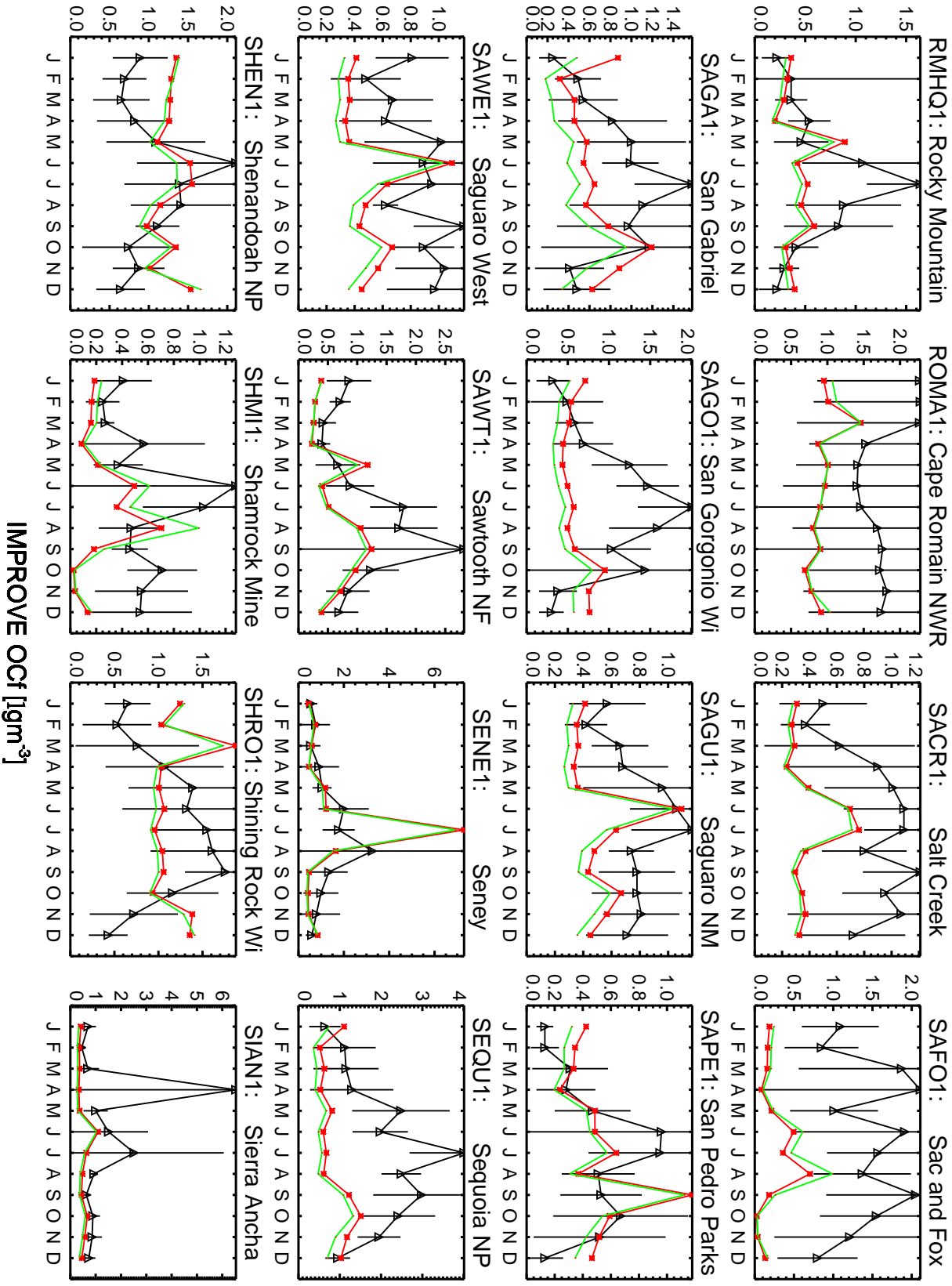
GEOS-Chem OCf (w/o SOA) [$\mu\text{g m}^{-3}$]



IMPROVE OCf [$\mu\text{g m}^{-3}$]

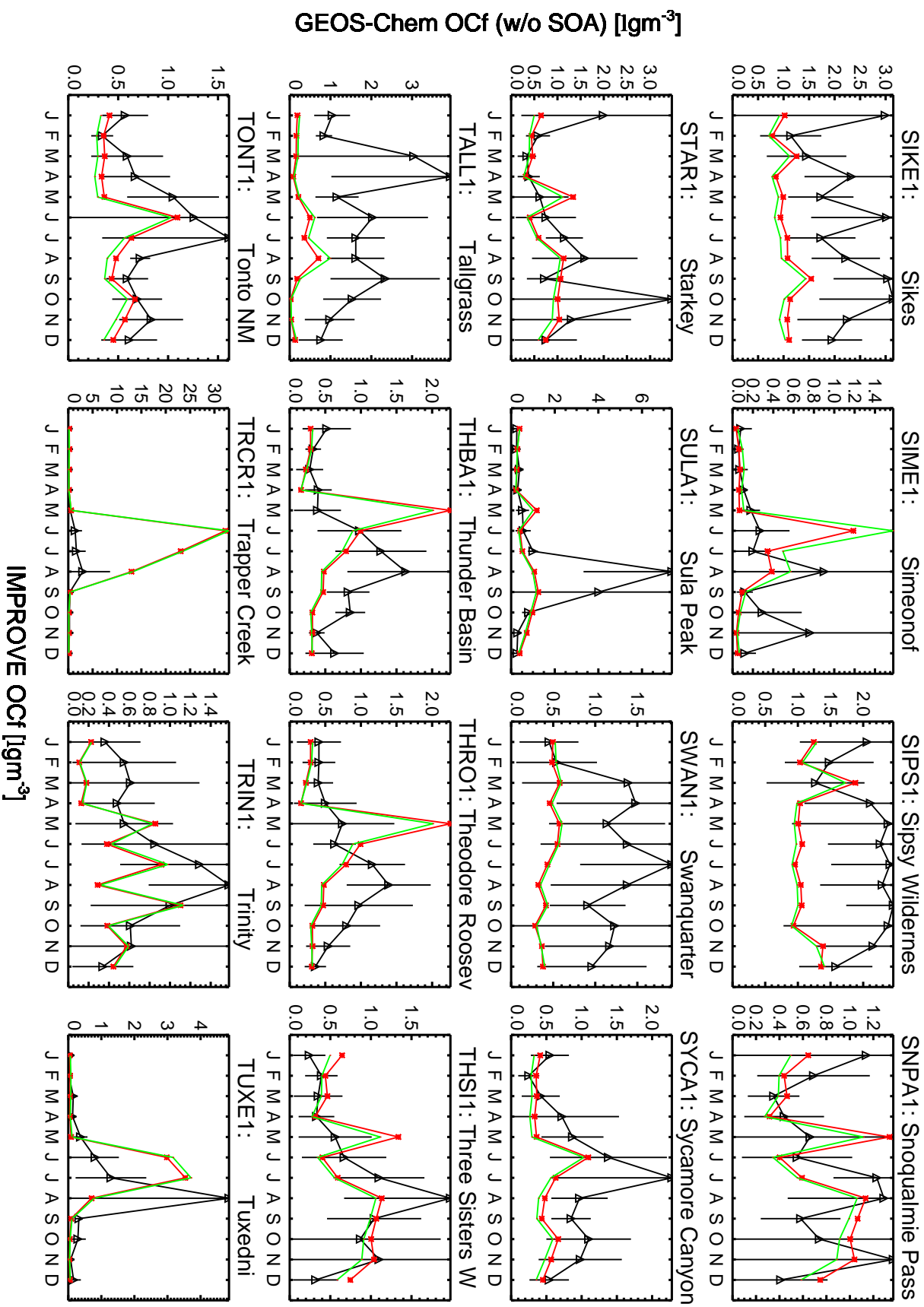
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

GEOS-Chem OCf (w/o SOA) [$\mu\text{g m}^{-3}$]



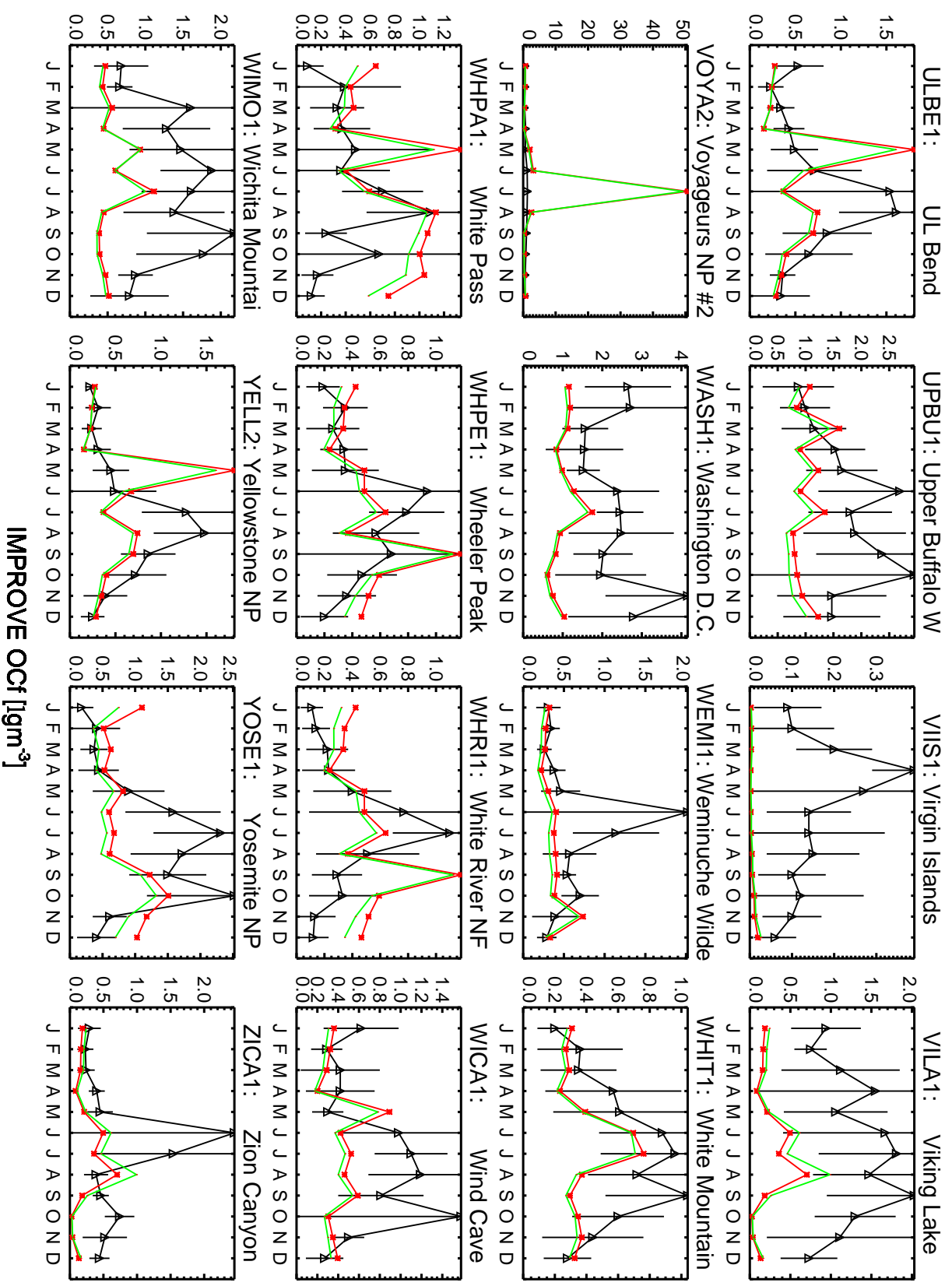
IMPROVE OCf [$\mu\text{g m}^{-3}$]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



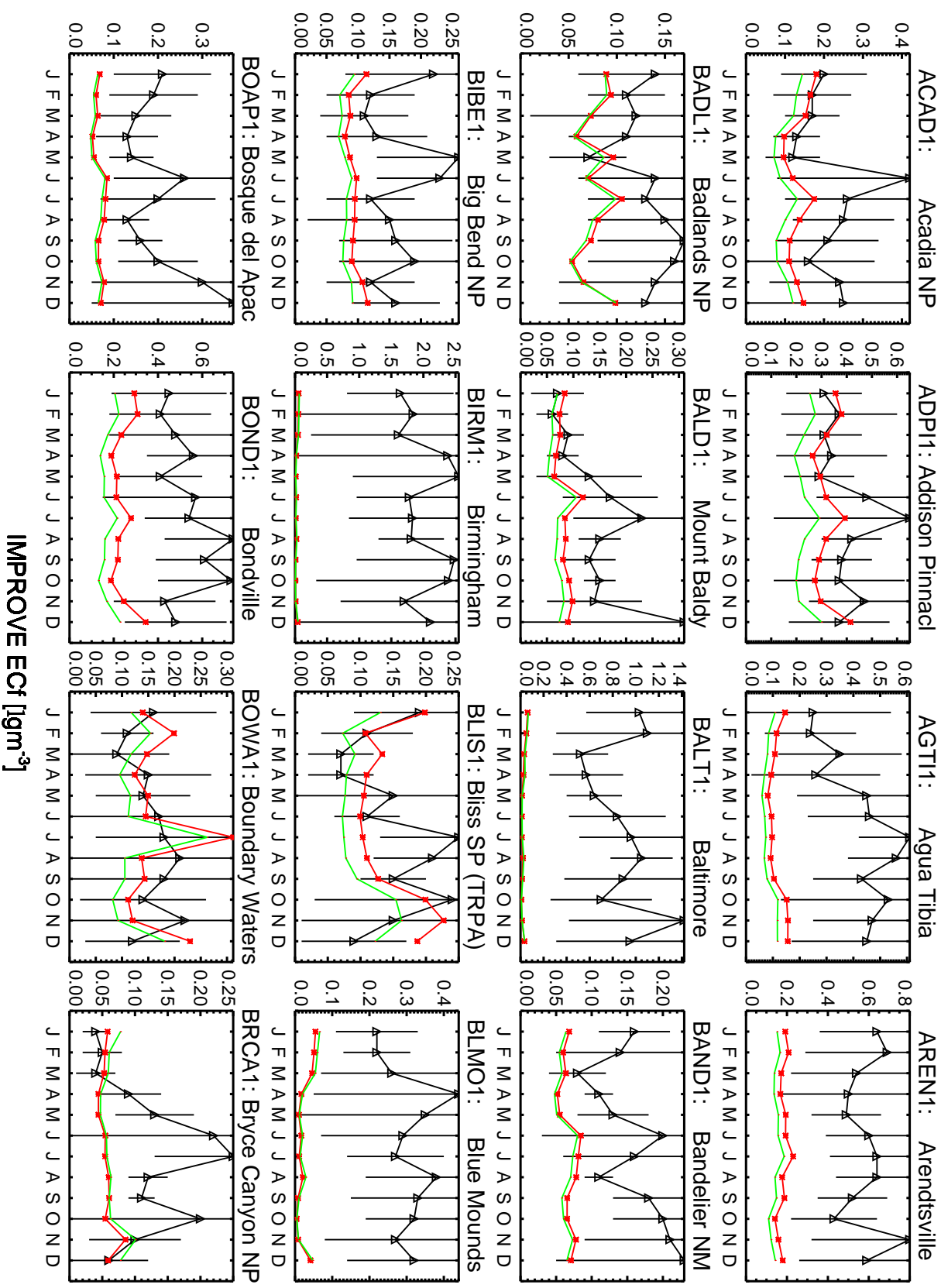
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

GEOS-Chem OCf (w/o SOA) [$\mu\text{g m}^{-3}$]



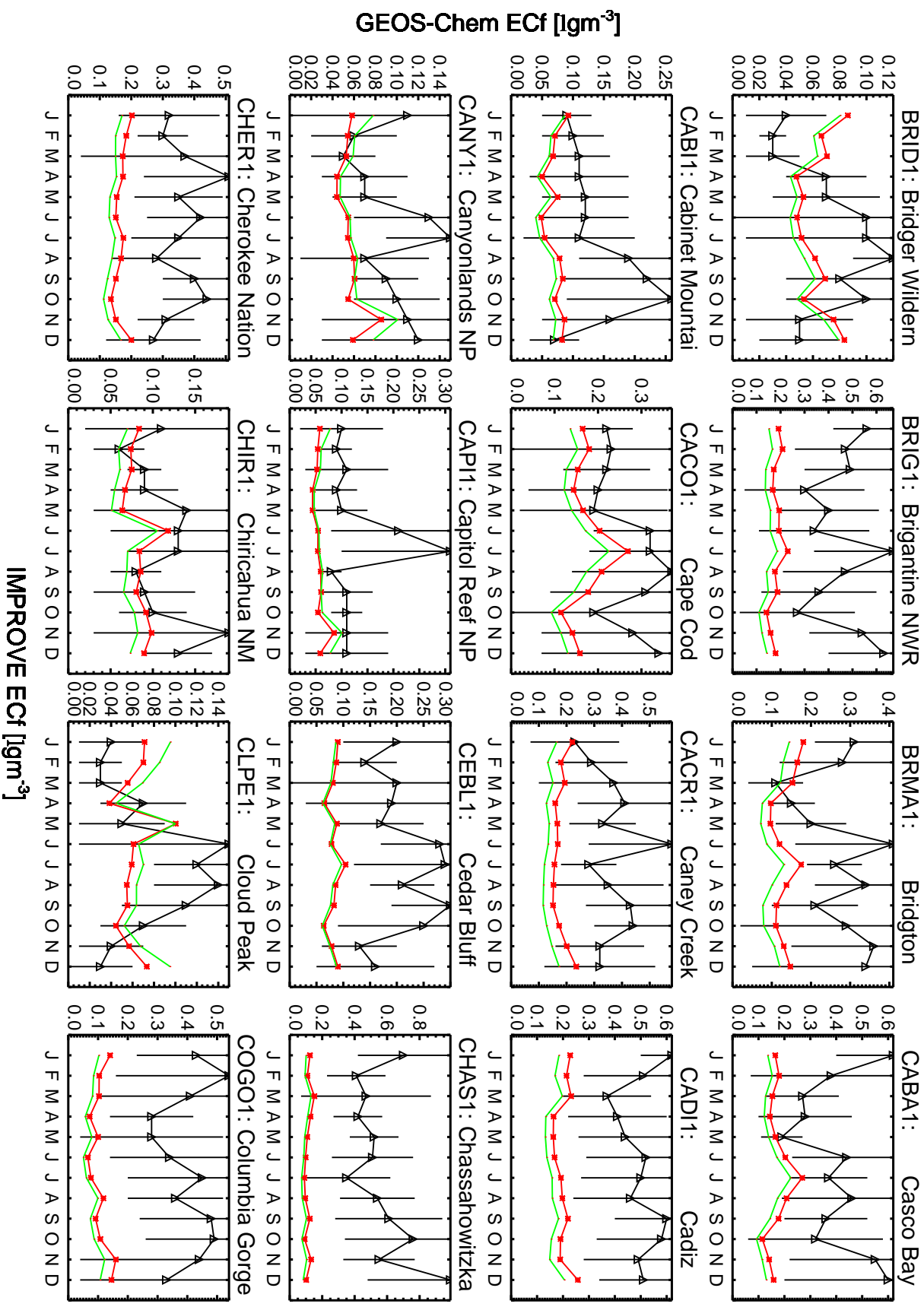
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

GEOS-Chem ECf [$\mu\text{g m}^{-3}$]



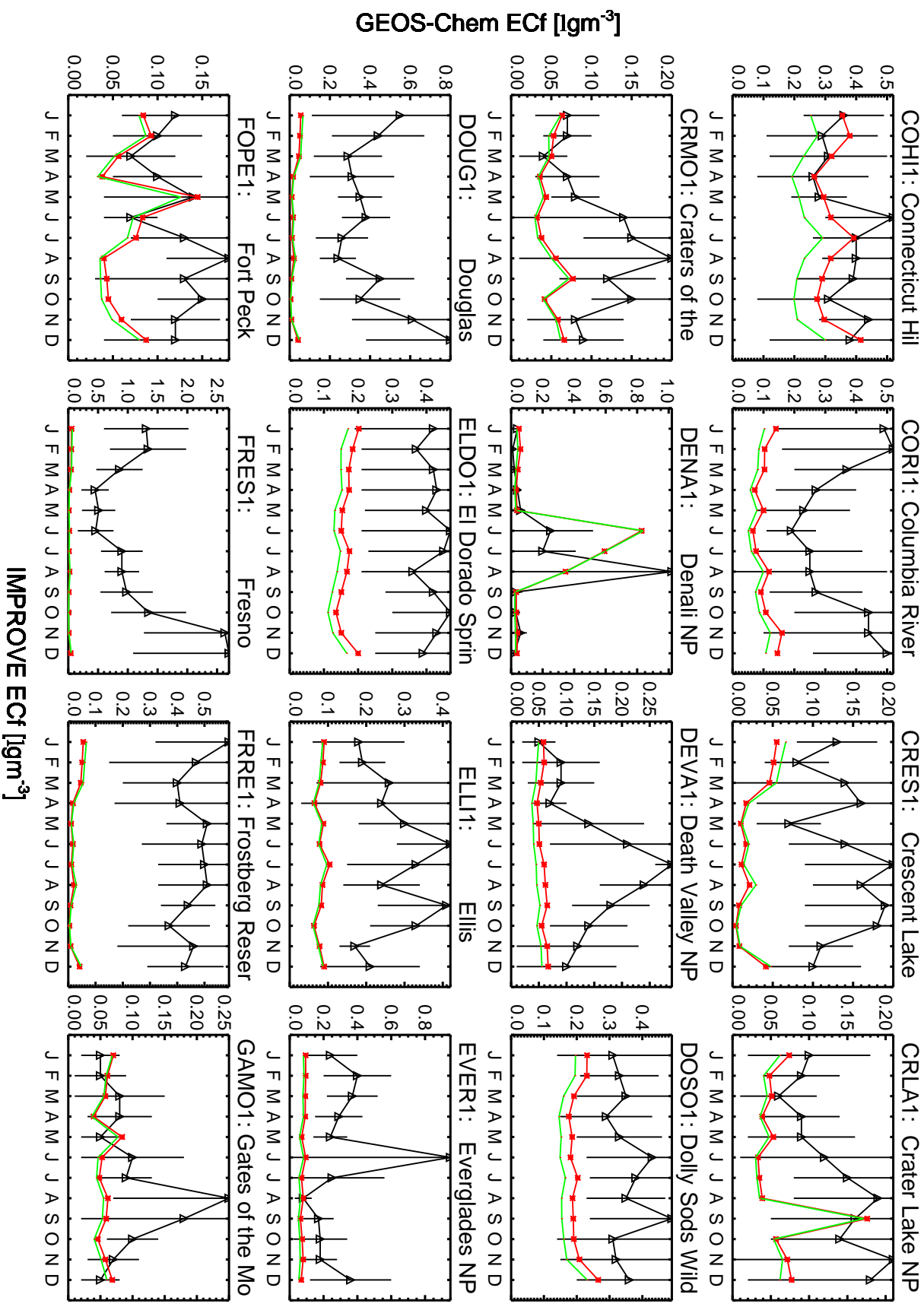
IMPROVE ECf [$\mu\text{g m}^{-3}$]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

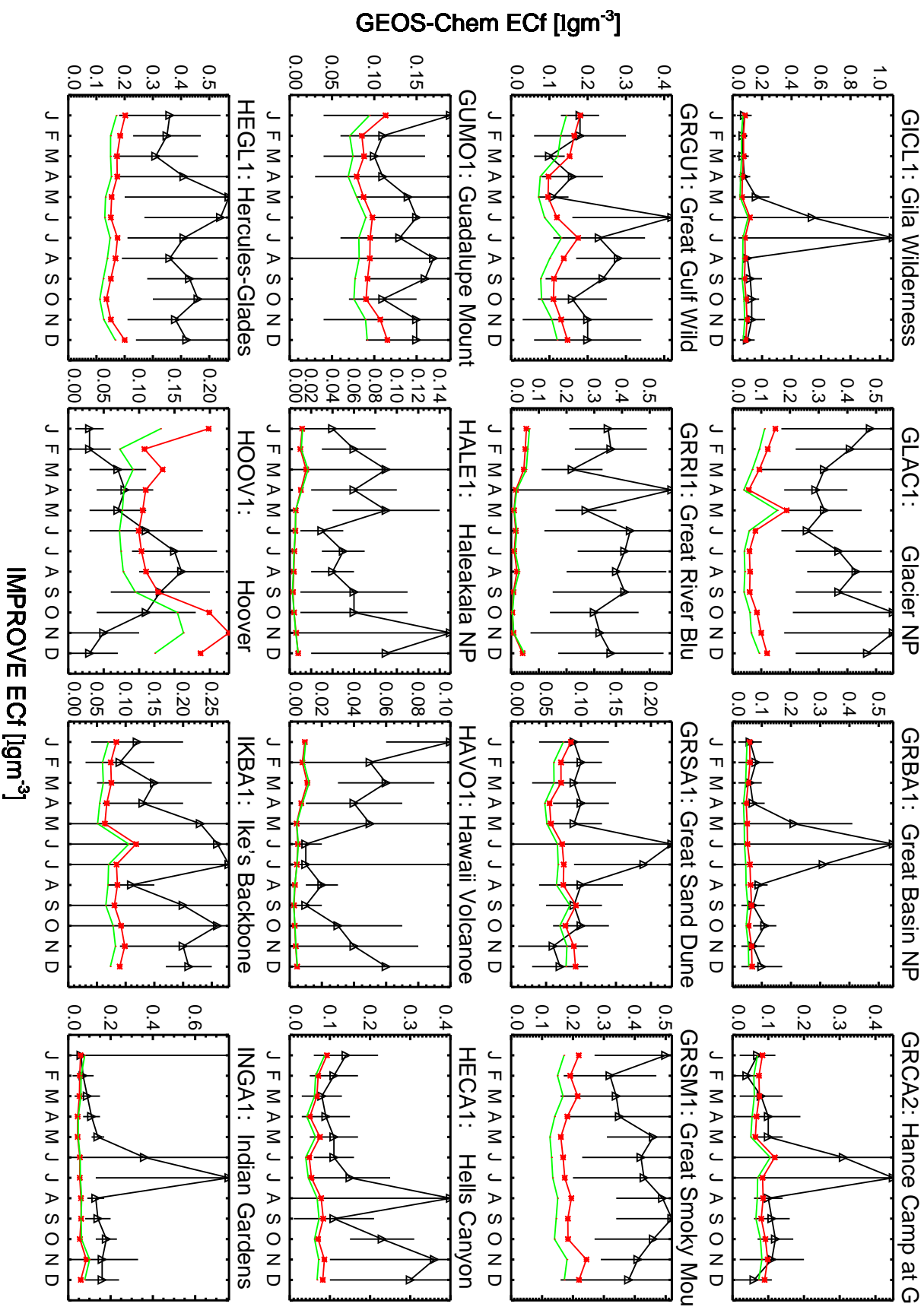


IMPROVE ECf [$\mu\text{g m}^{-3}$]

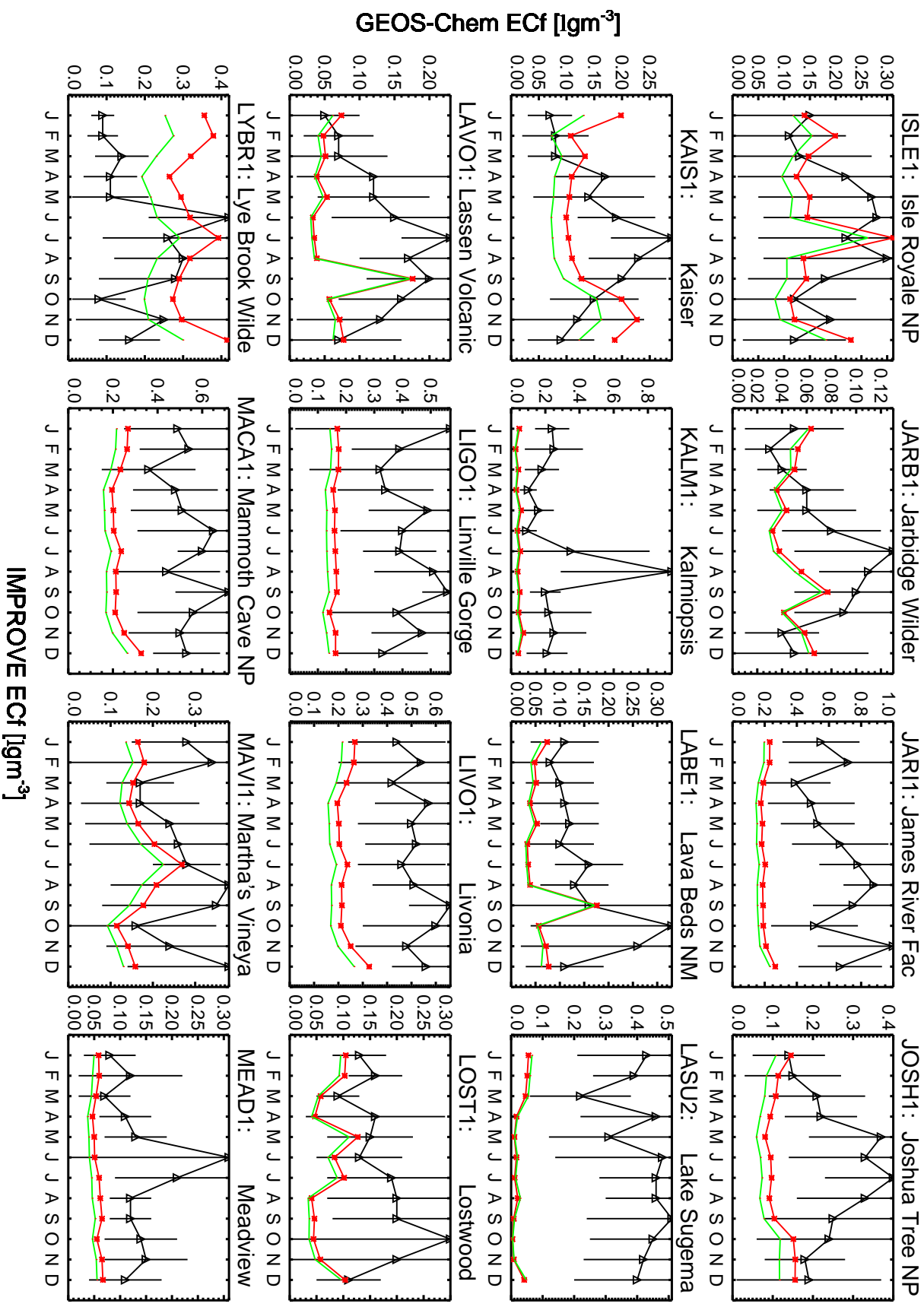
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

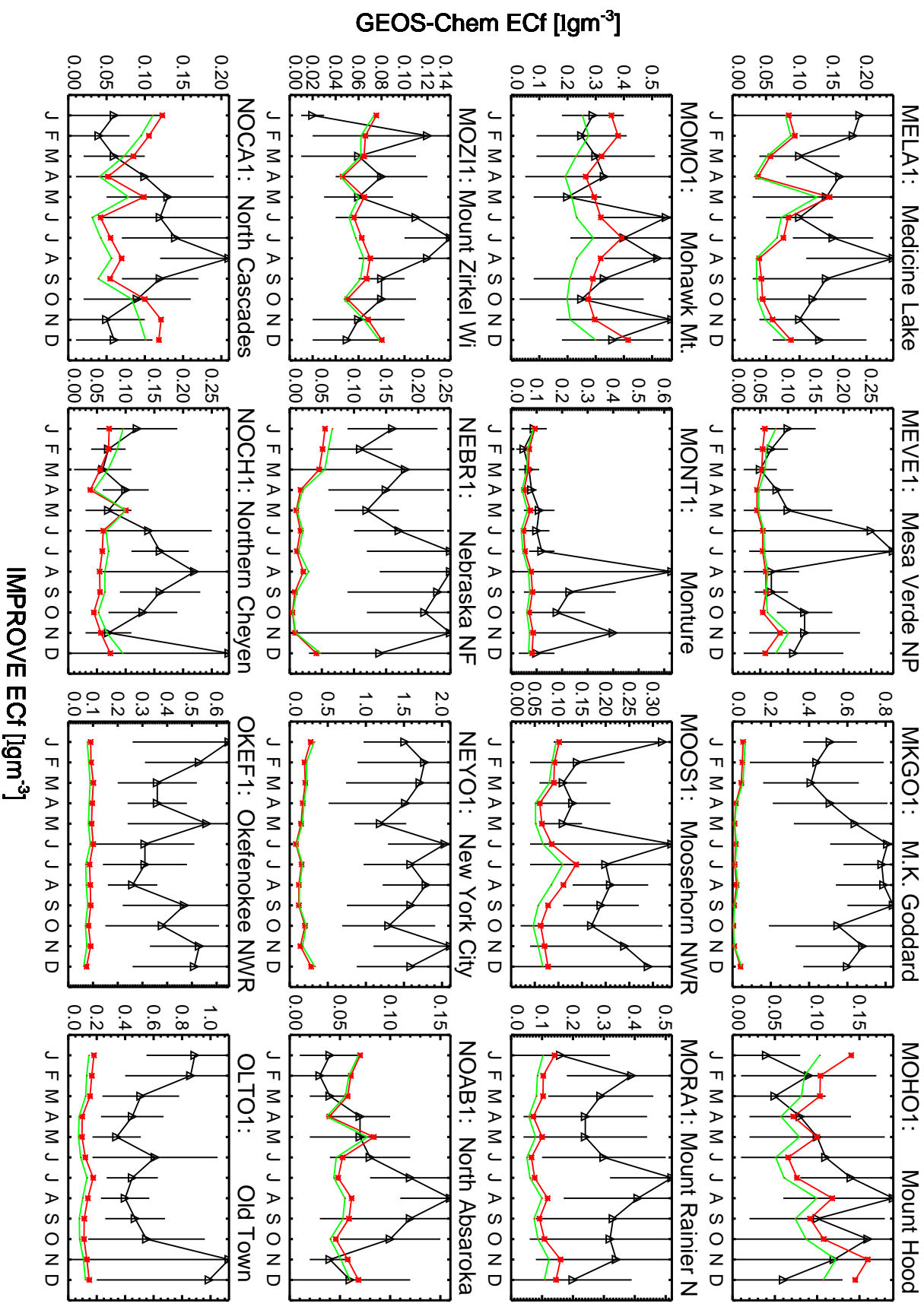


Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



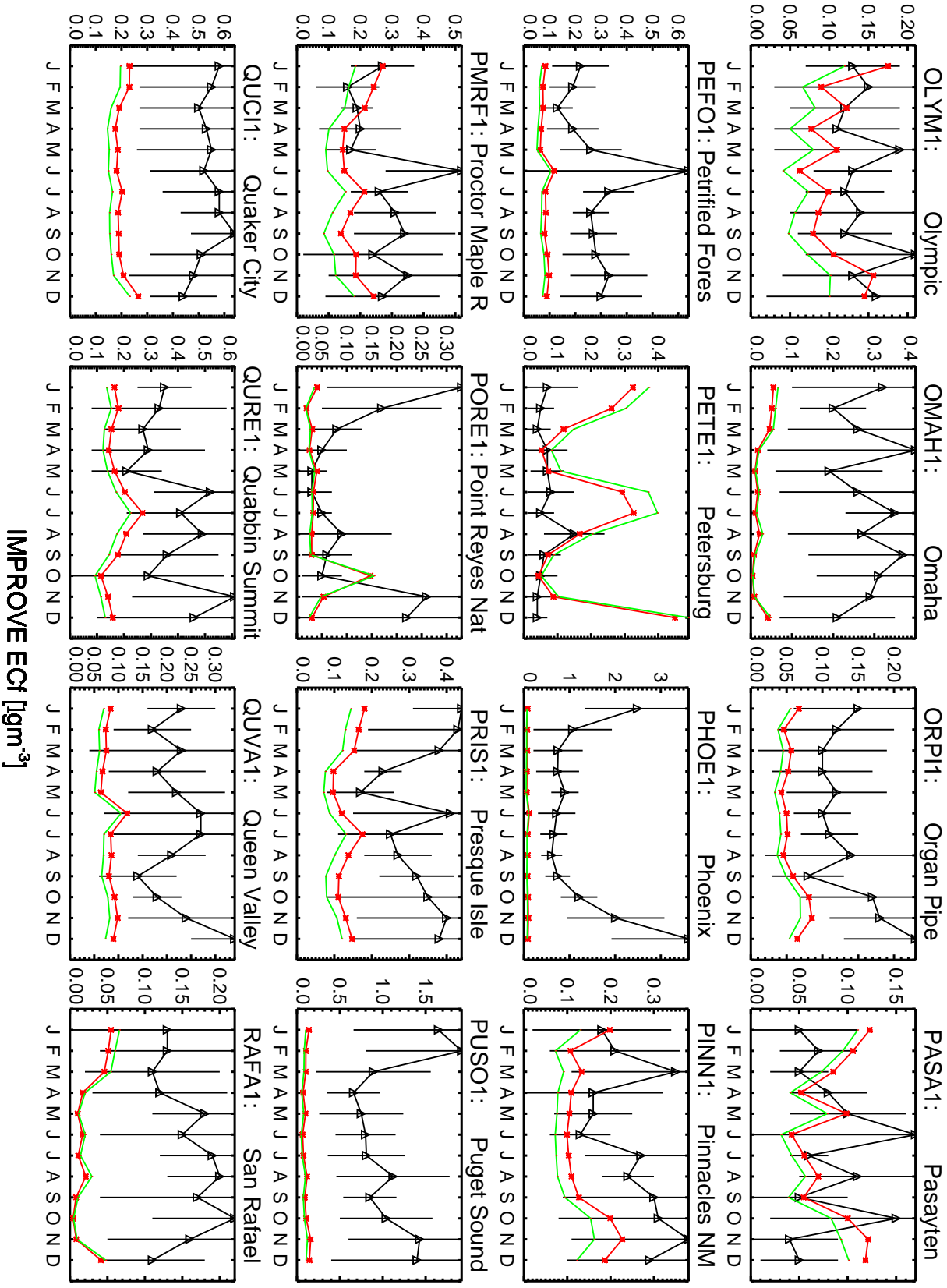
IMPROVE ECf [$\mu\text{g m}^{-3}$]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



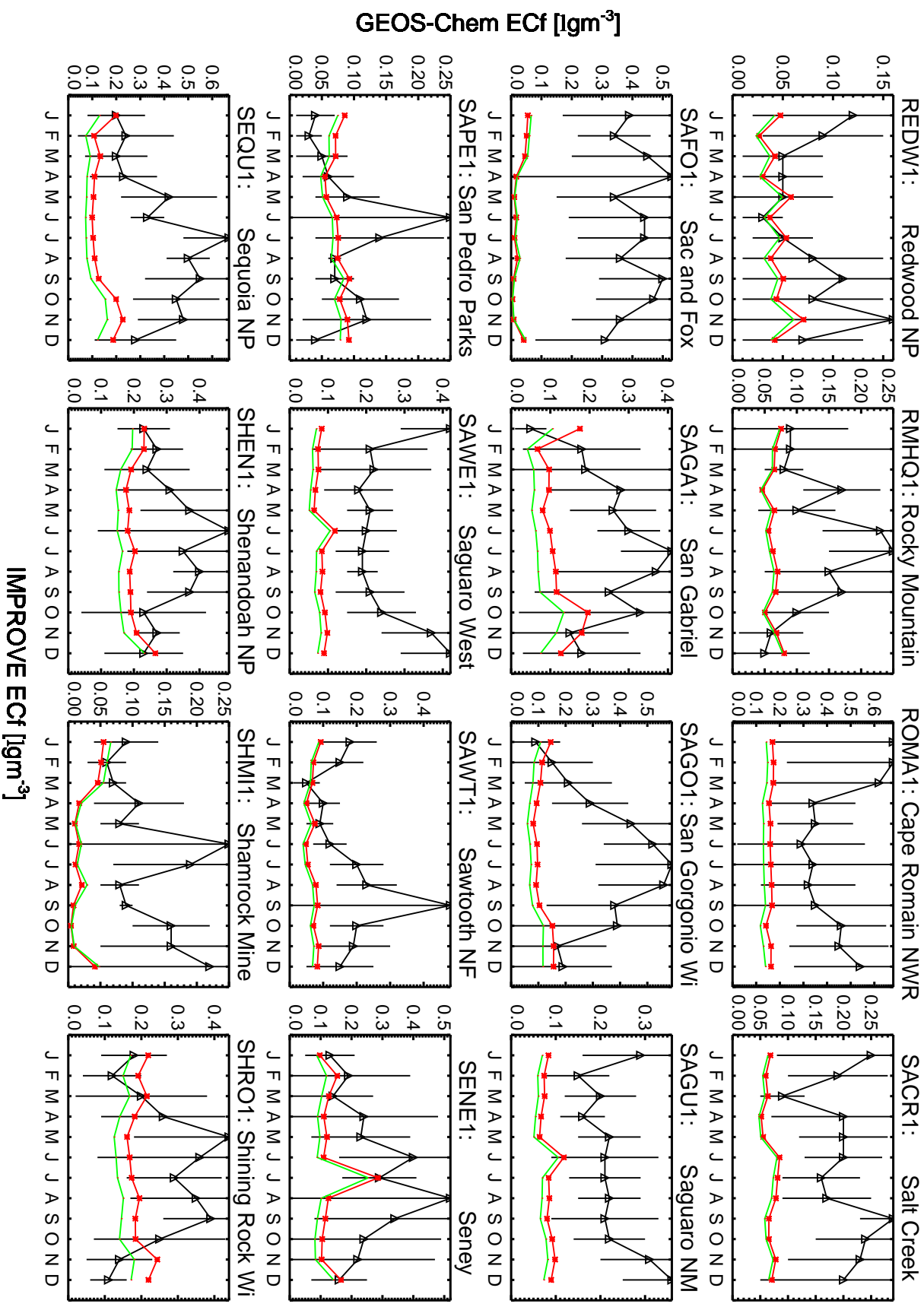
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

GEOS-Chem ECf [$\mu\text{g m}^{-3}$]

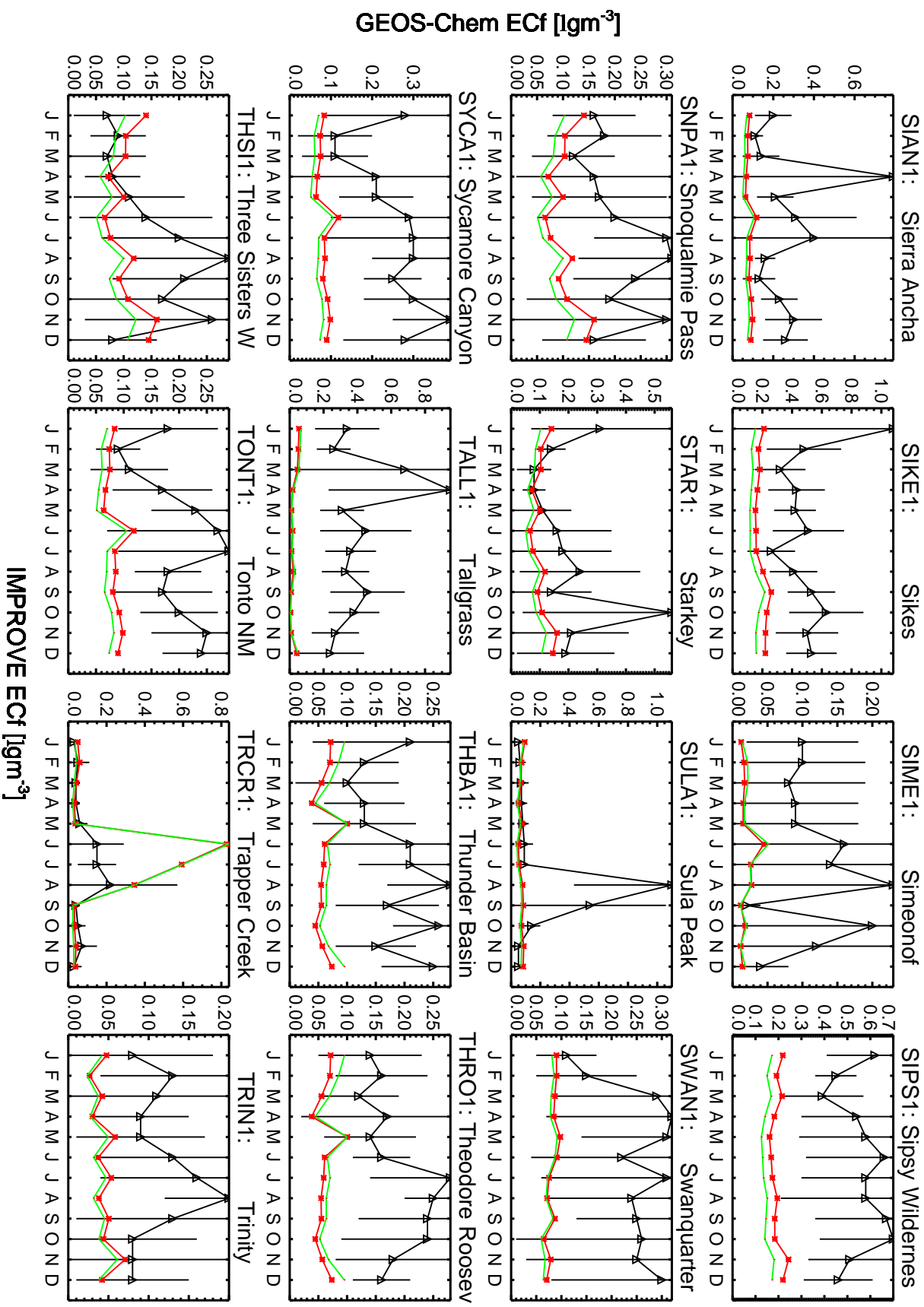


IMPROVE ECf [$\mu\text{g m}^{-3}$]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

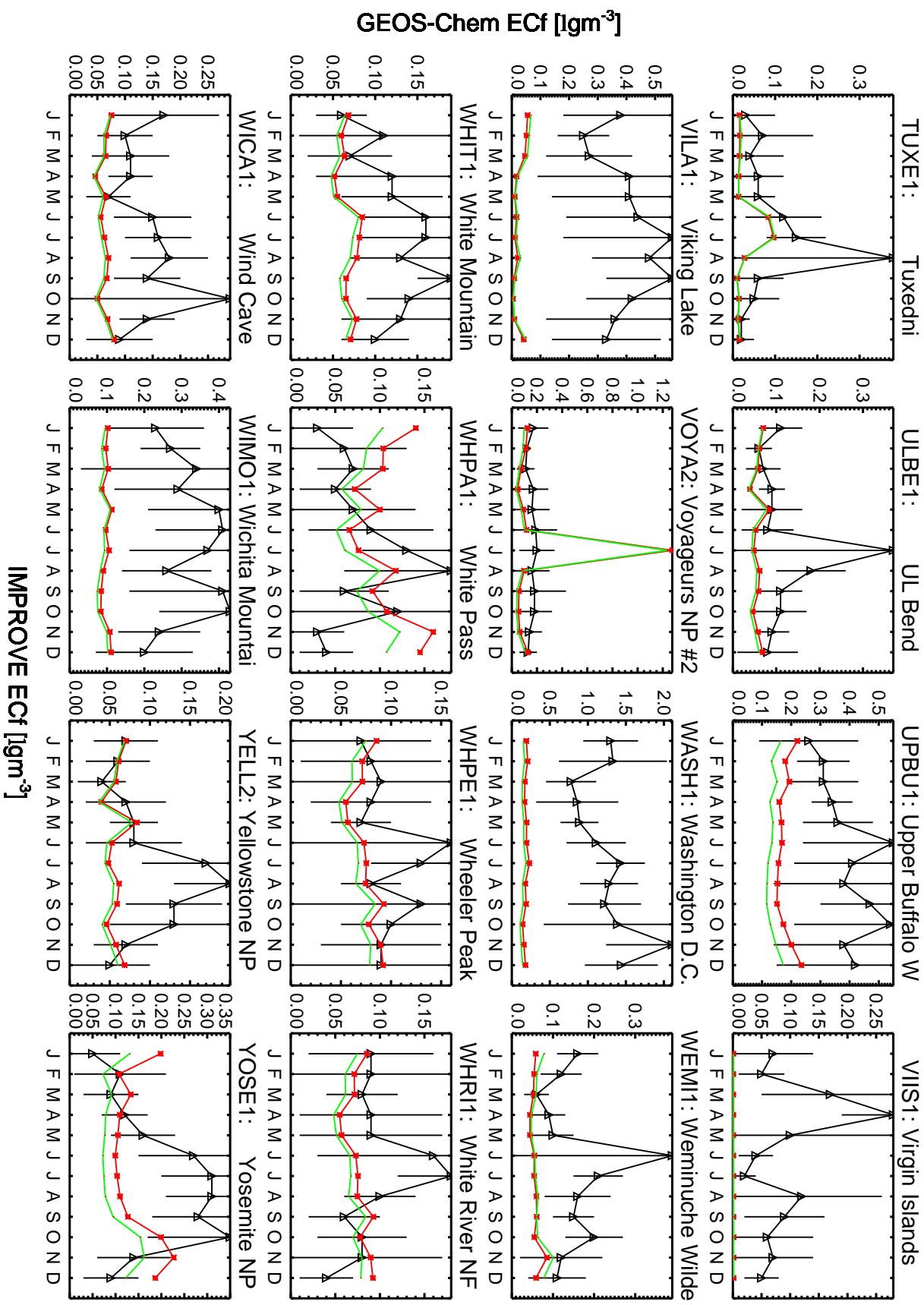


Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)

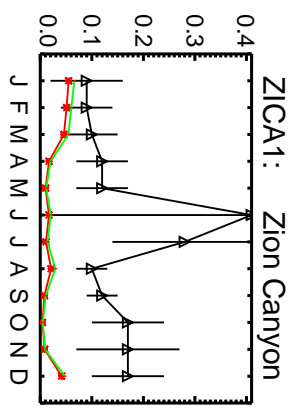


IMPROVE ECf [$\mu\text{g m}^{-3}$]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



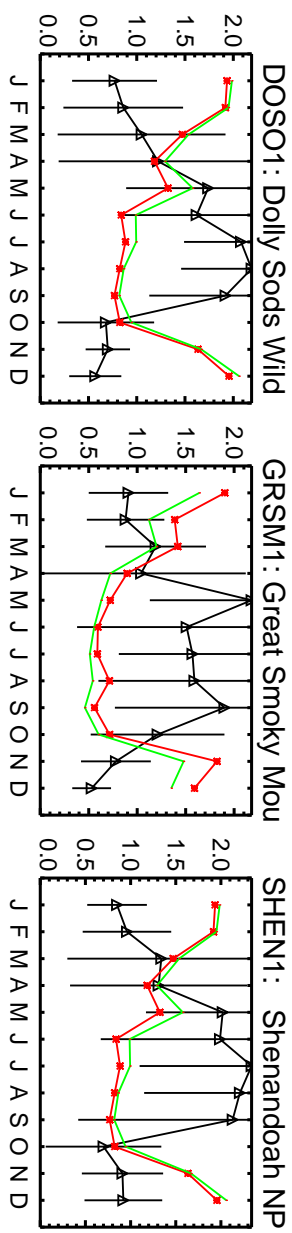
Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



GEOS-Chem ECf [$\mu\text{g m}^{-3}$]

IMPROVE ECf [$\mu\text{g m}^{-3}$]

Red: GCC_13.0.0 (2019); Green: GCC_14.0.0 (2019)



GEOS-Chem NH4f [lgm^{-3}]

IMPROVE NH4f [lgm^{-3}]