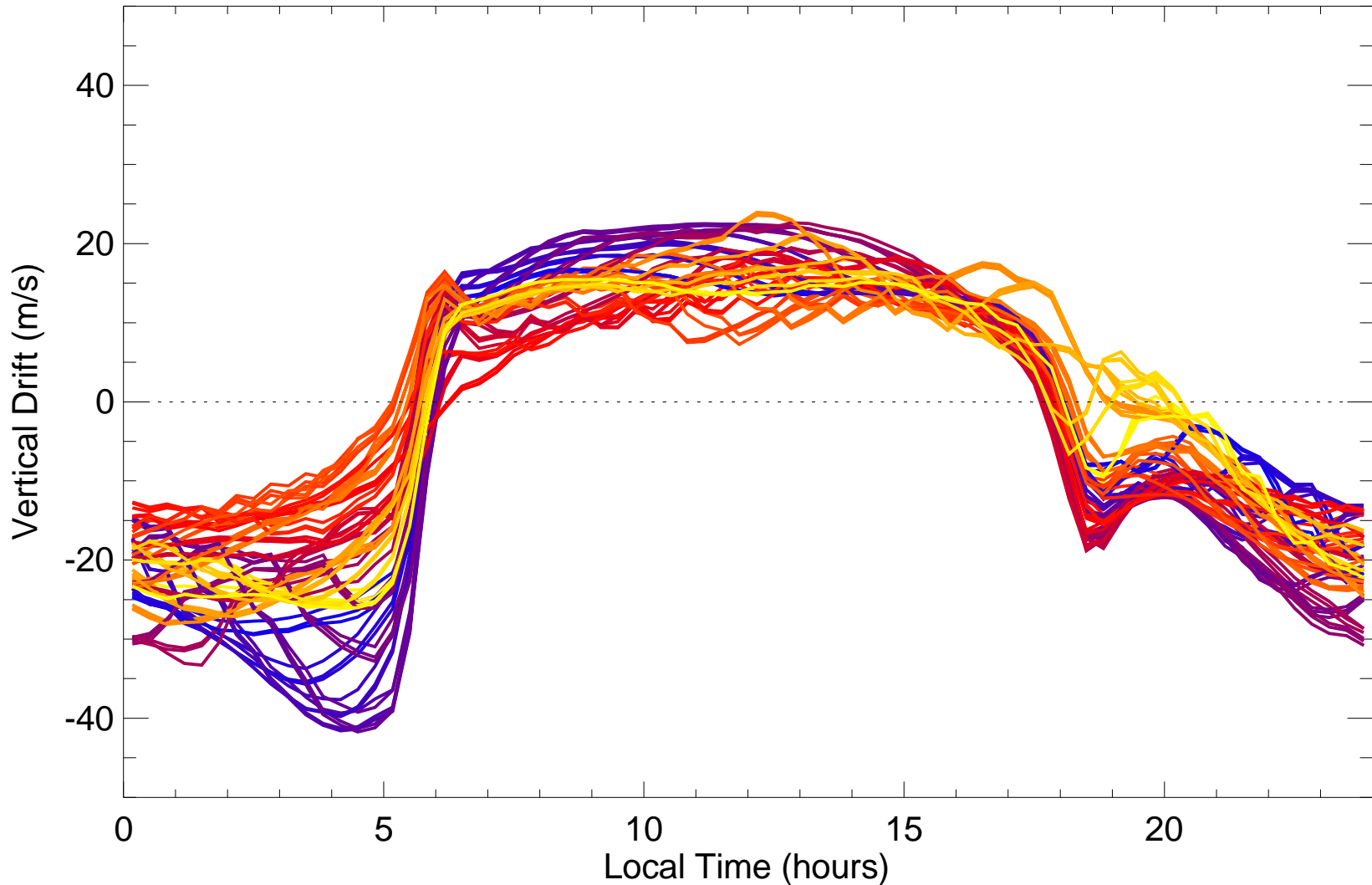
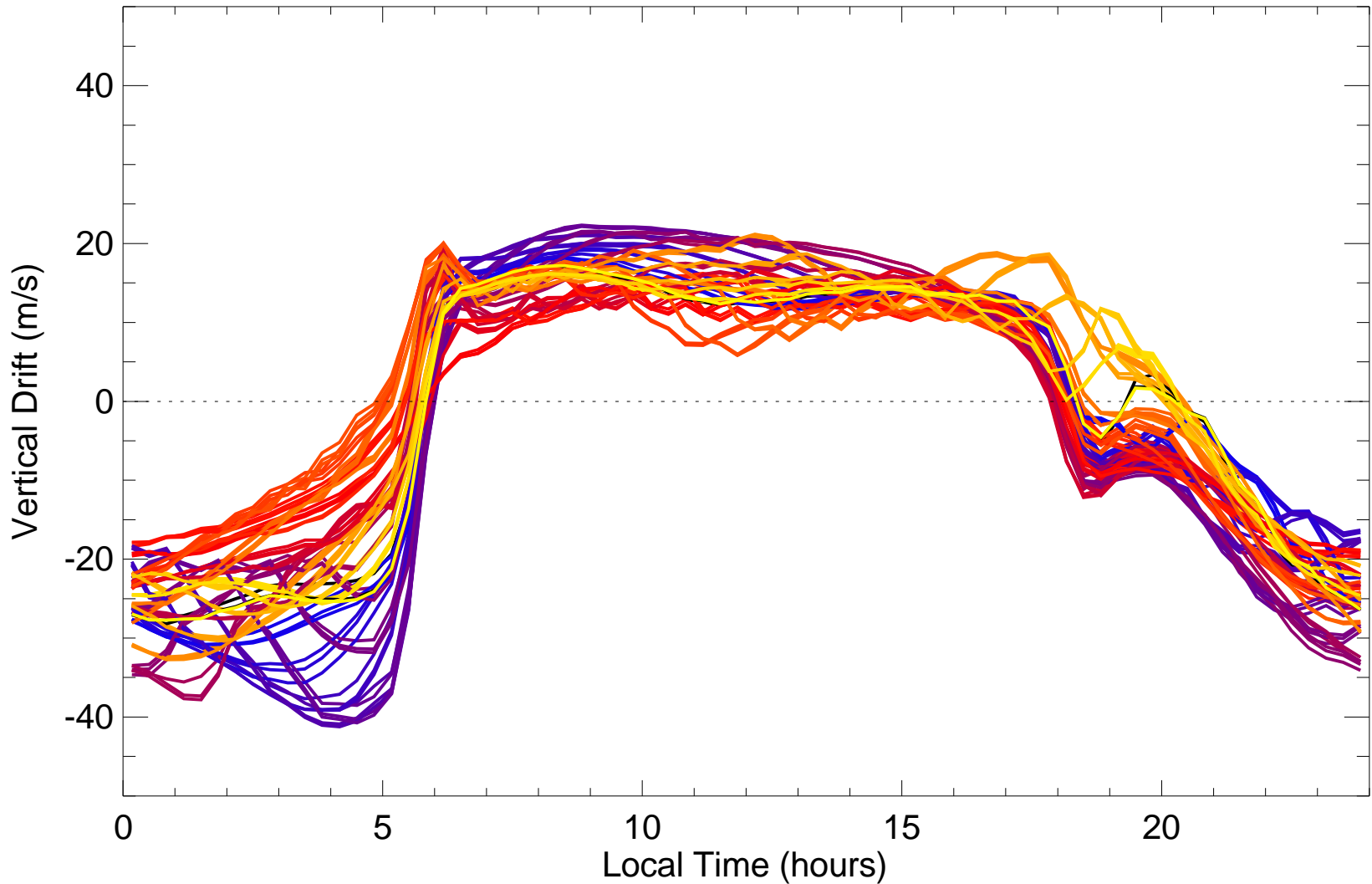


GITM PRIMO Results

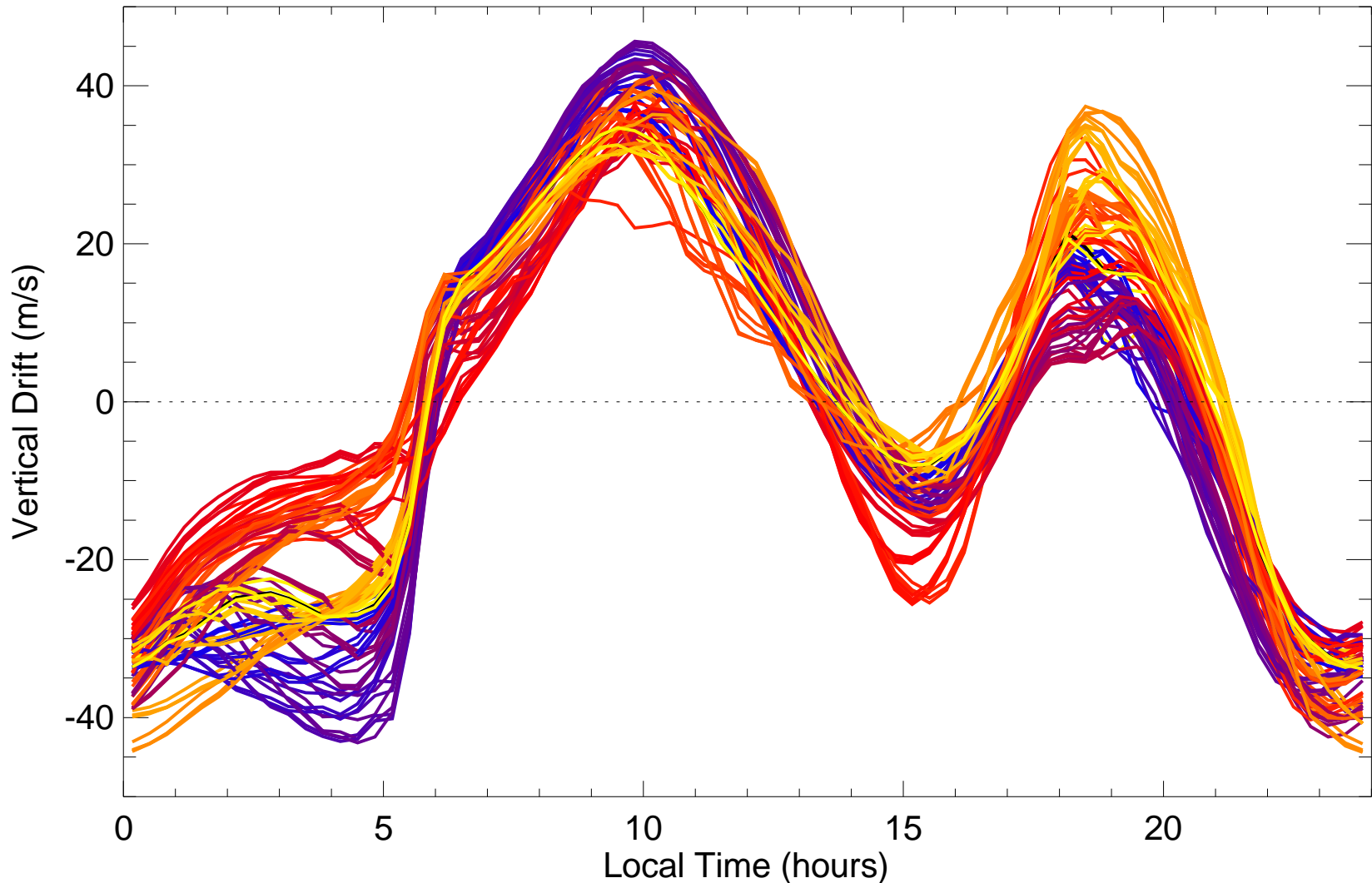
GITM drifts f107=120, diurnal+semi diurnal GSWM driven (all Ions)



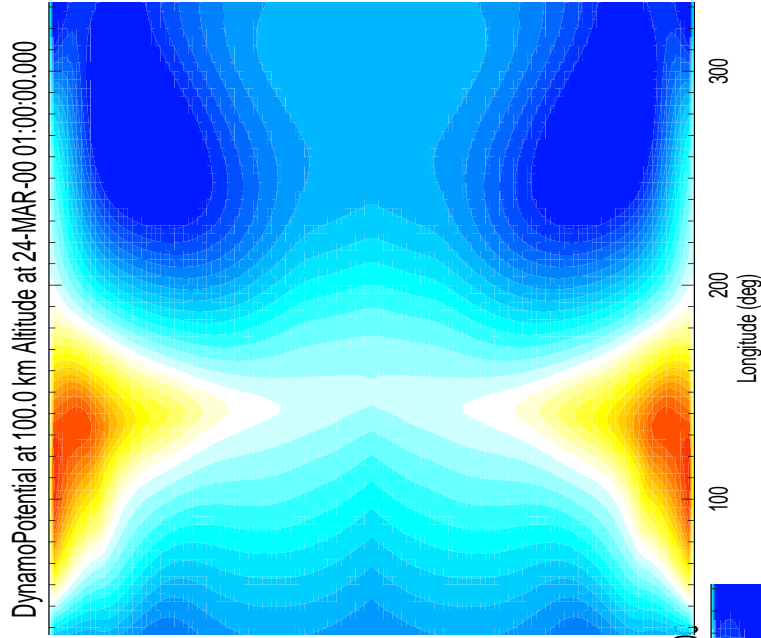
GITM drifts f107=120, diurnal only GSWM driven (all ions)



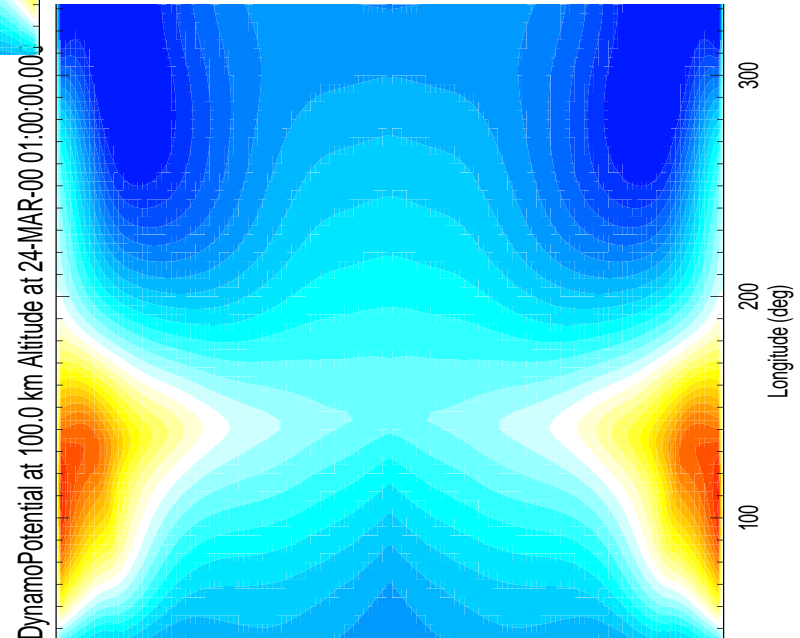
GITM drifts $f_{107}=120$, MSIS + HWM07 driven (all ions)



Dynamo Potentials



MSIS



GSWM D+S

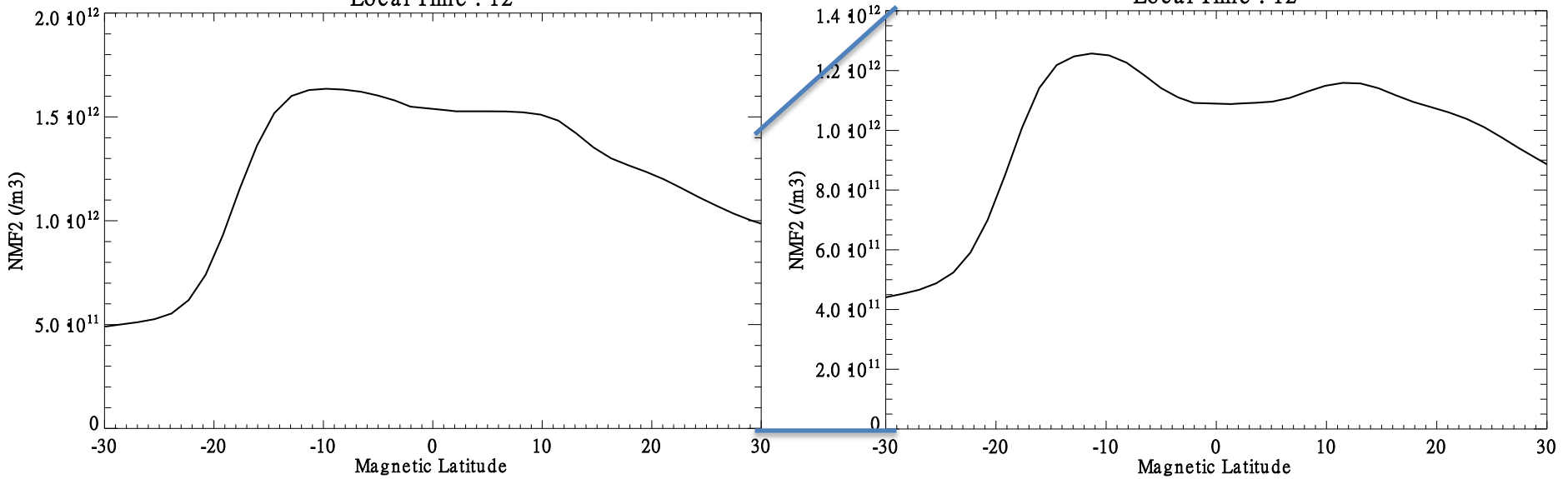
NMF2 – 12 LT

GSWM

MSIS

Local Time : 12

Local Time : 12



Similar shapes, but different magnitudes

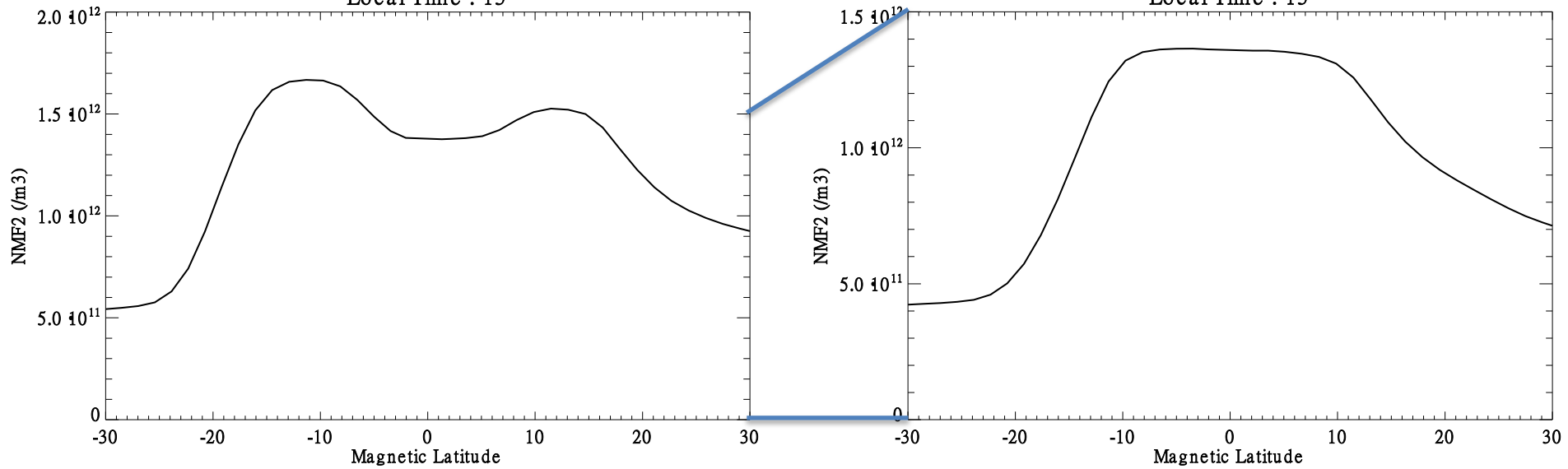
NMF2 – 15 LT

GSWM

MSIS

Local Time : 15

Local Time : 15

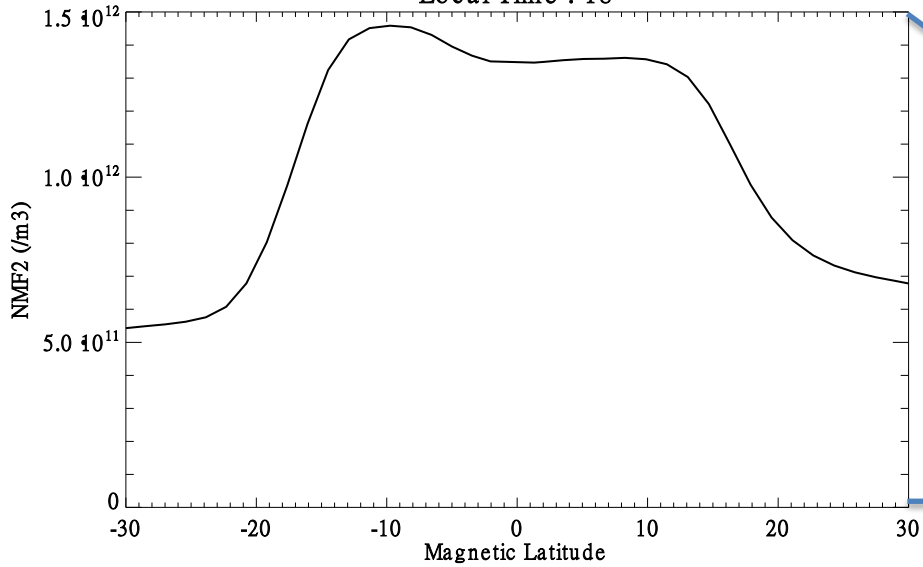


Very different patterns

NMF2 – 18 LT

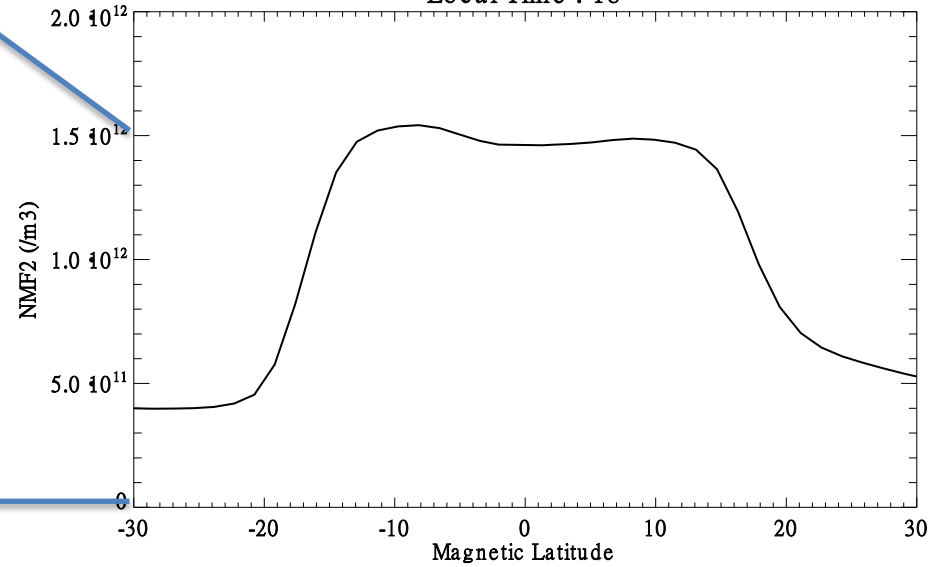
GSWM

Local Time : 18



MSIS

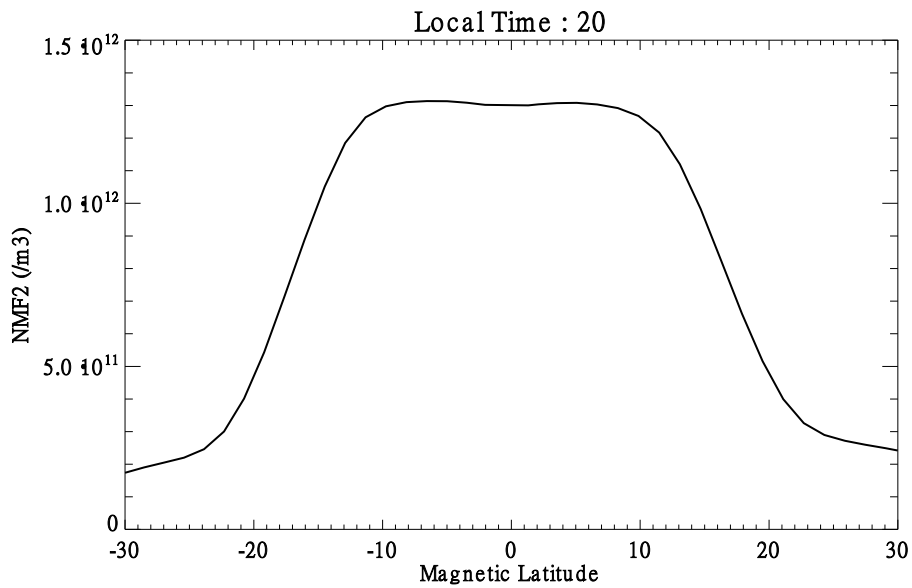
Local Time : 18



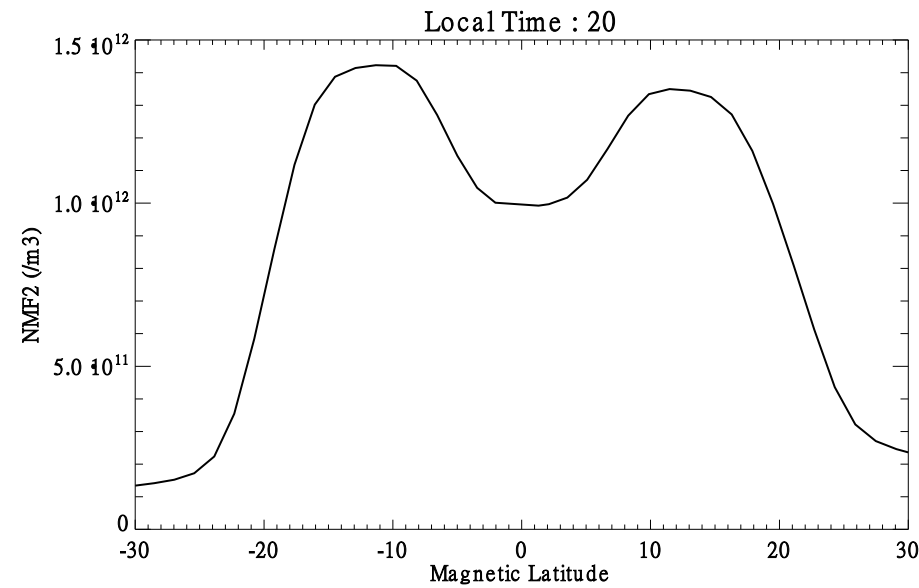
Very similar patterns

NMF2 – 20 LT

GSWM

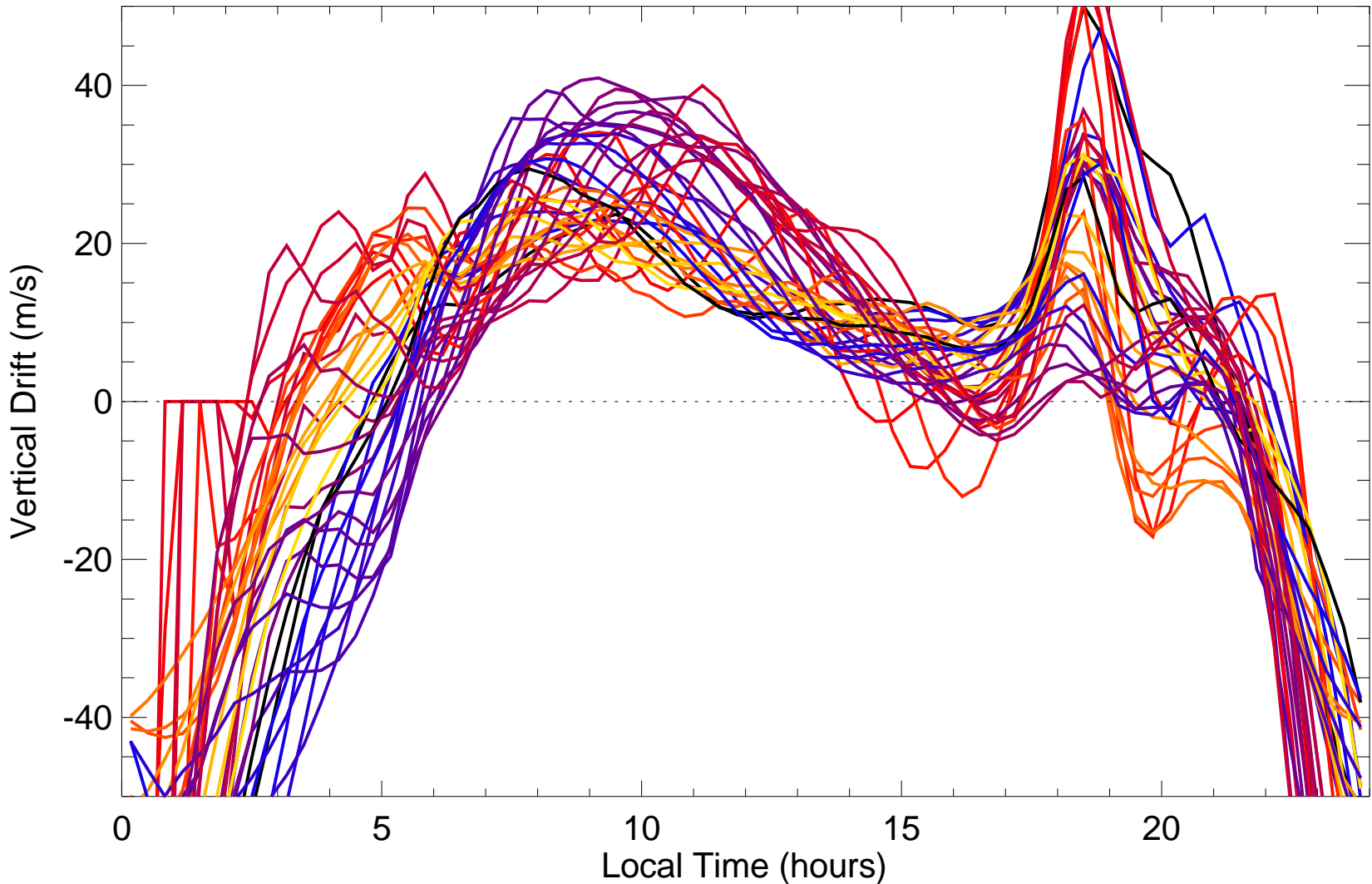


MSIS

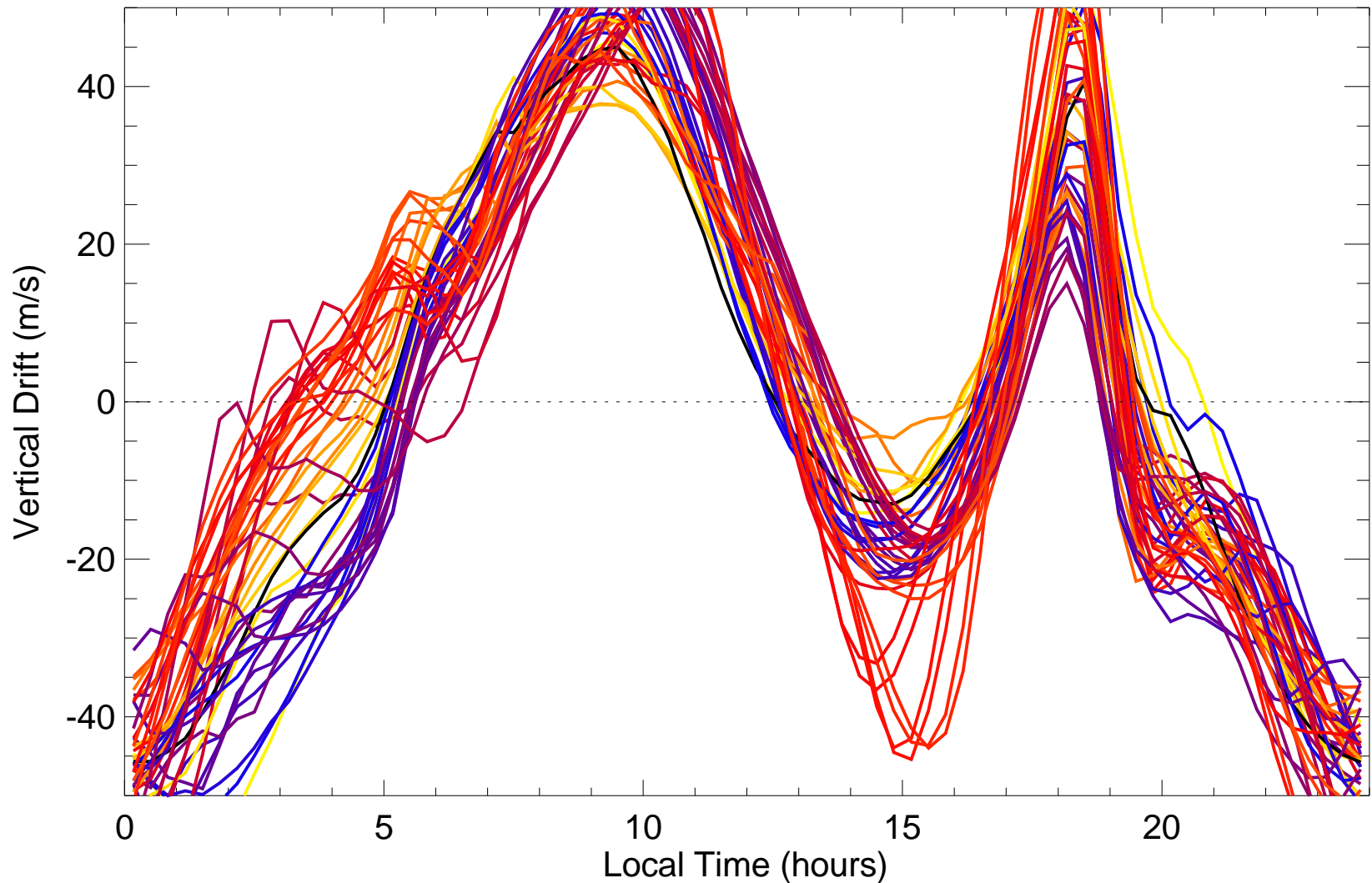


Very different patterns

GITM drifts f107=250, diurnal+semi diurnal GSWM driven (all Ions)



GITM drifts $f_{107}=250$, MSIS+ HWM07 driven (all Ions)



Summary

- The boundary condition is REALLY important!