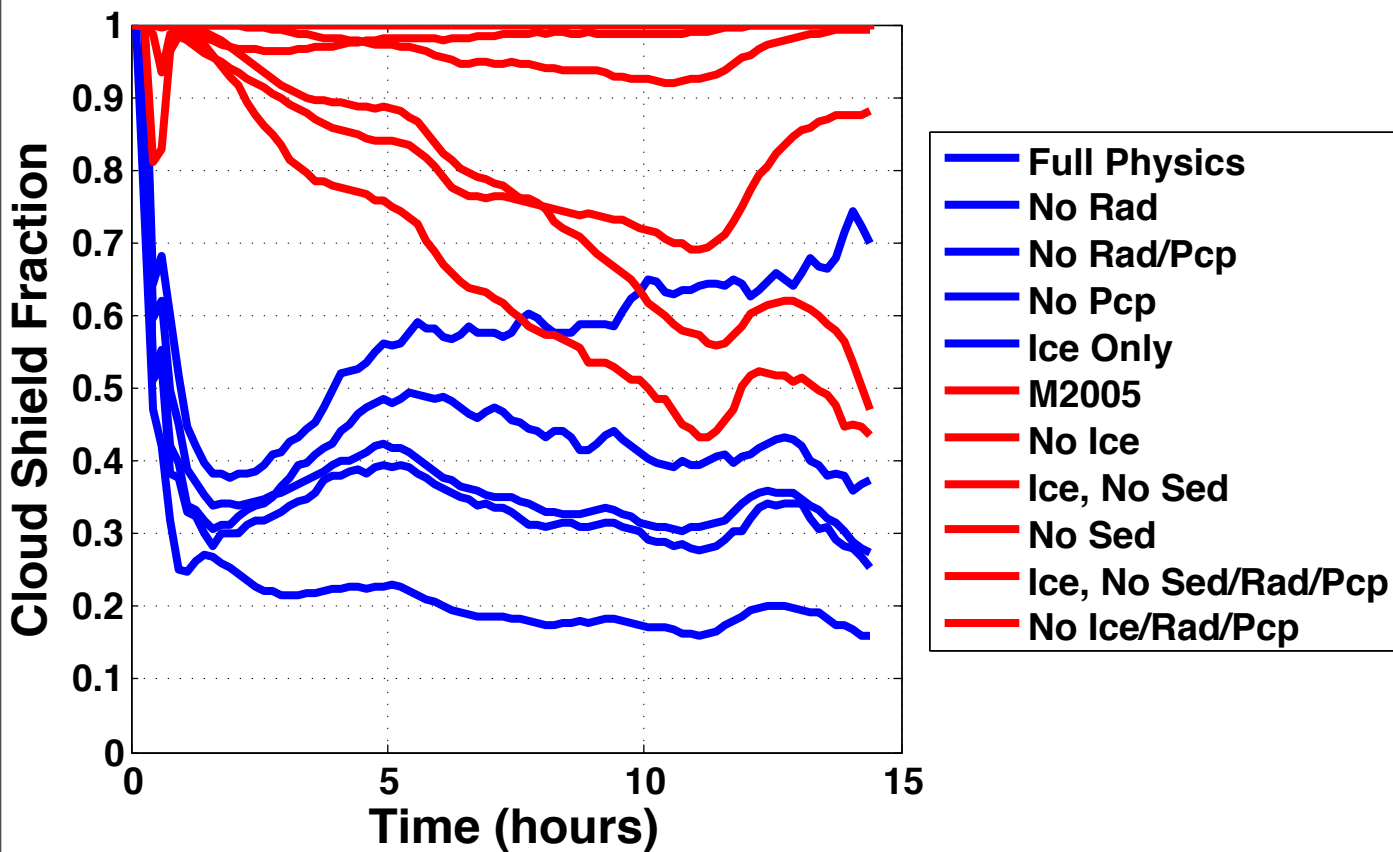


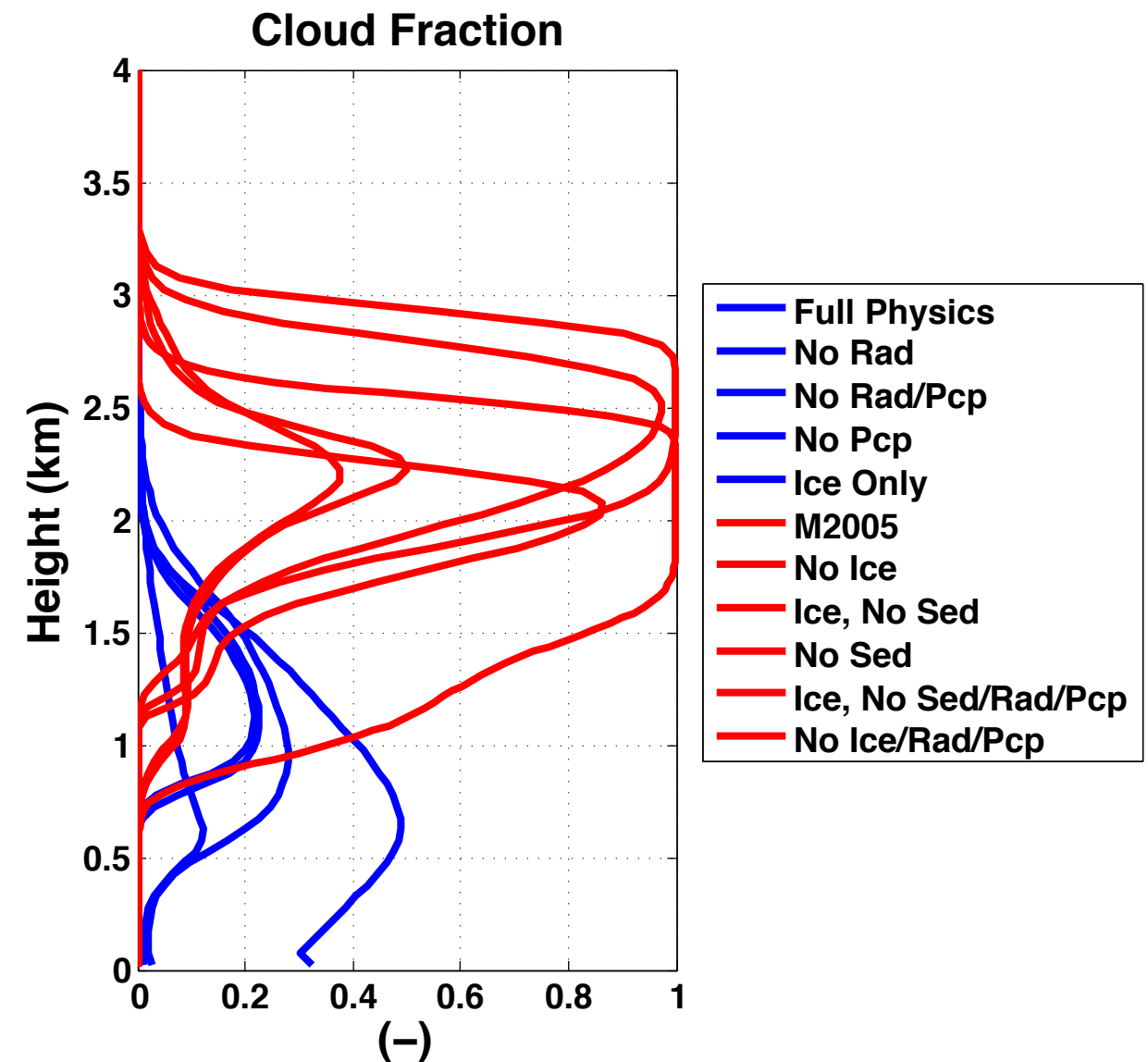
LES CONSTRAIN

Comparisons

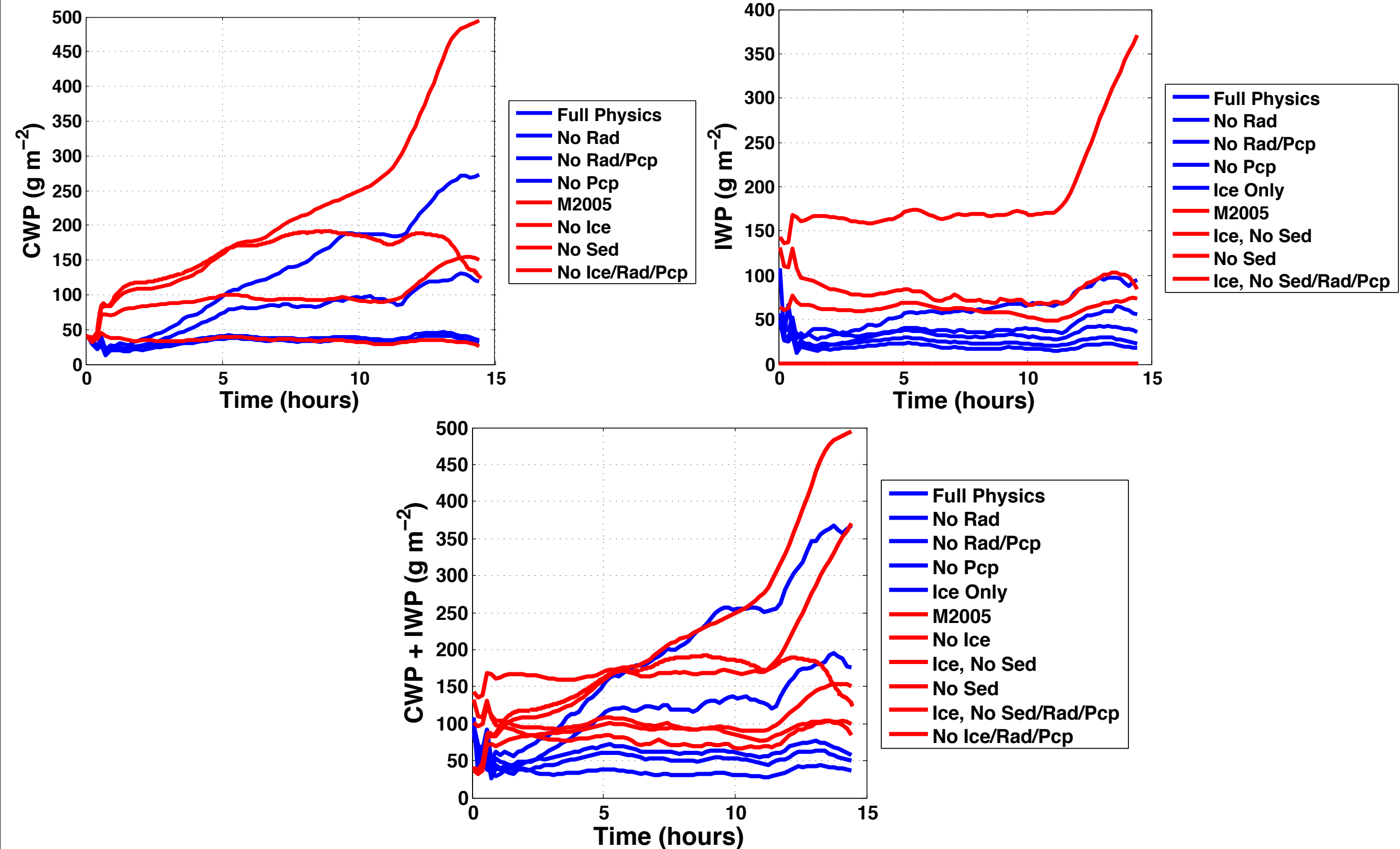
Cloud Shield Fraction



Cloud Fraction

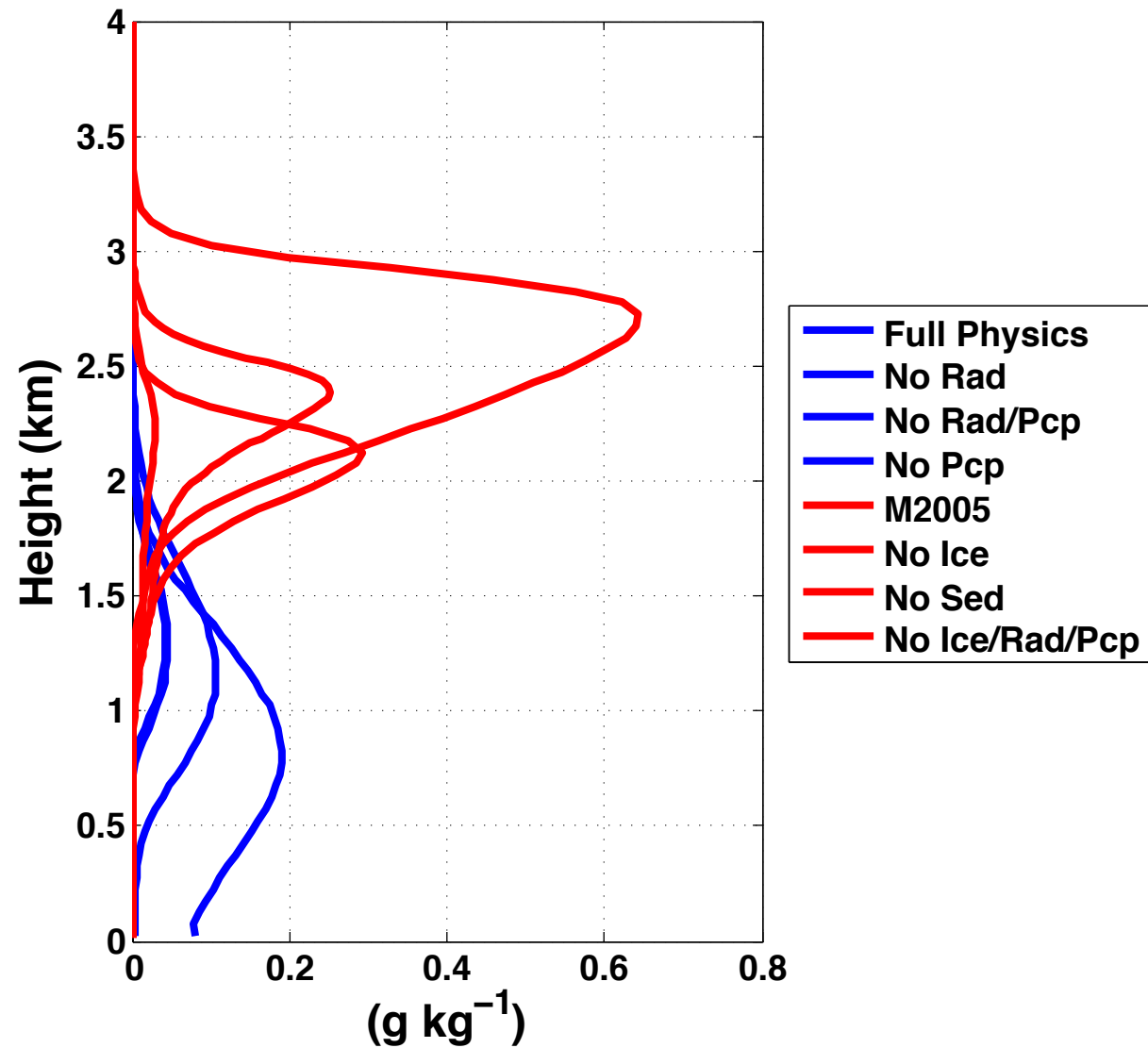


CWP and IWP

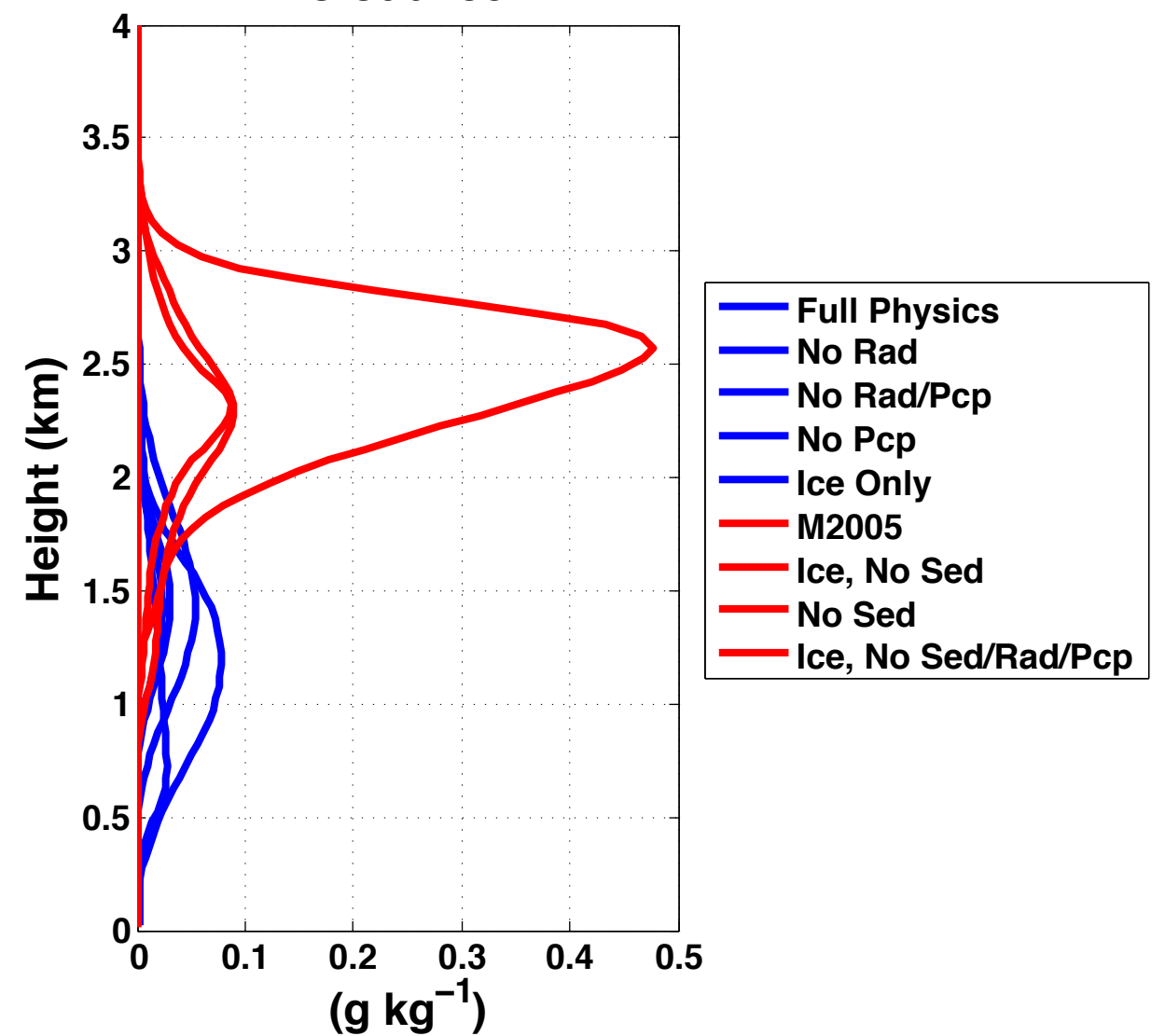


QCL and QI

Cloud Water

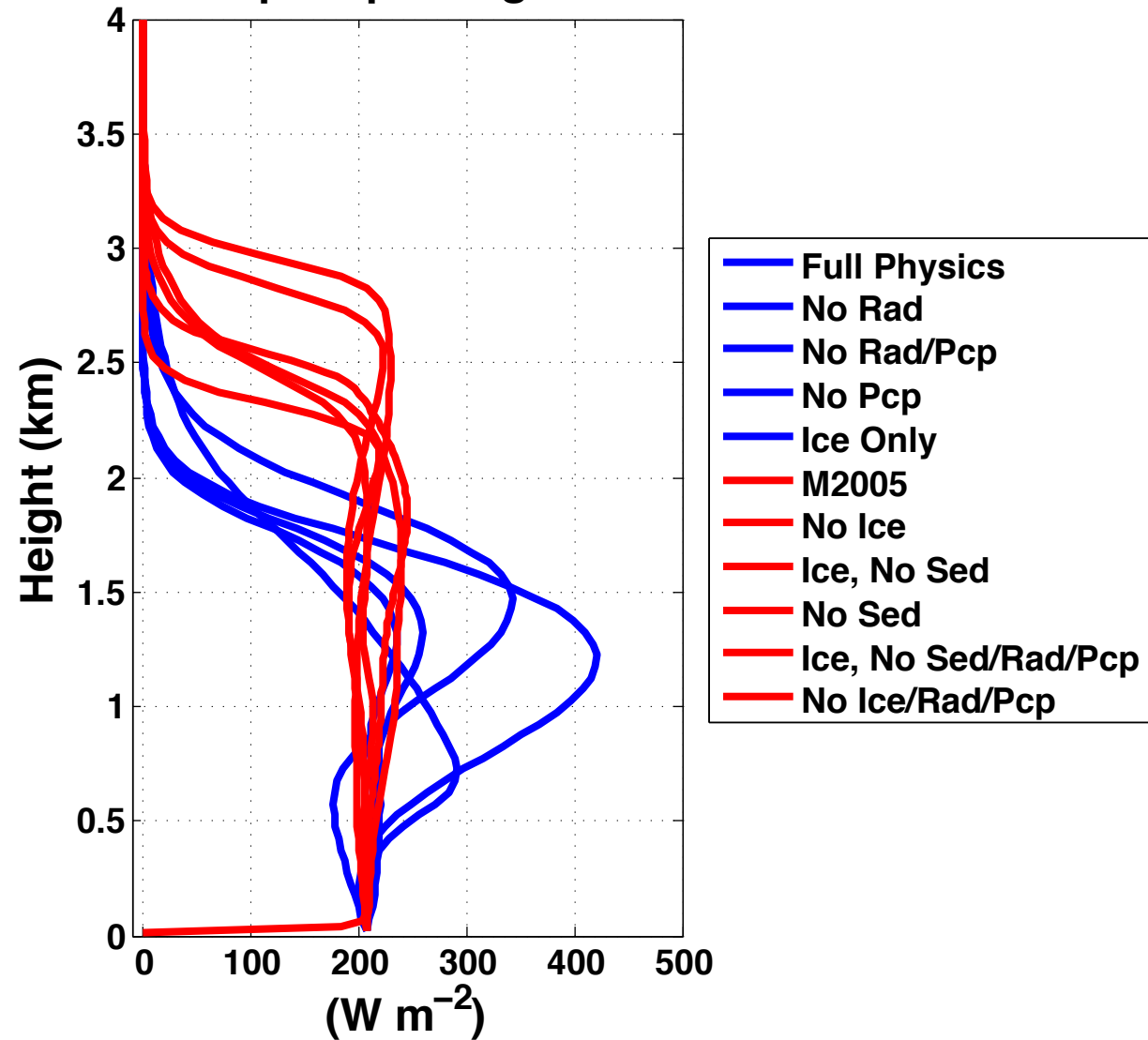


Cloud Ice

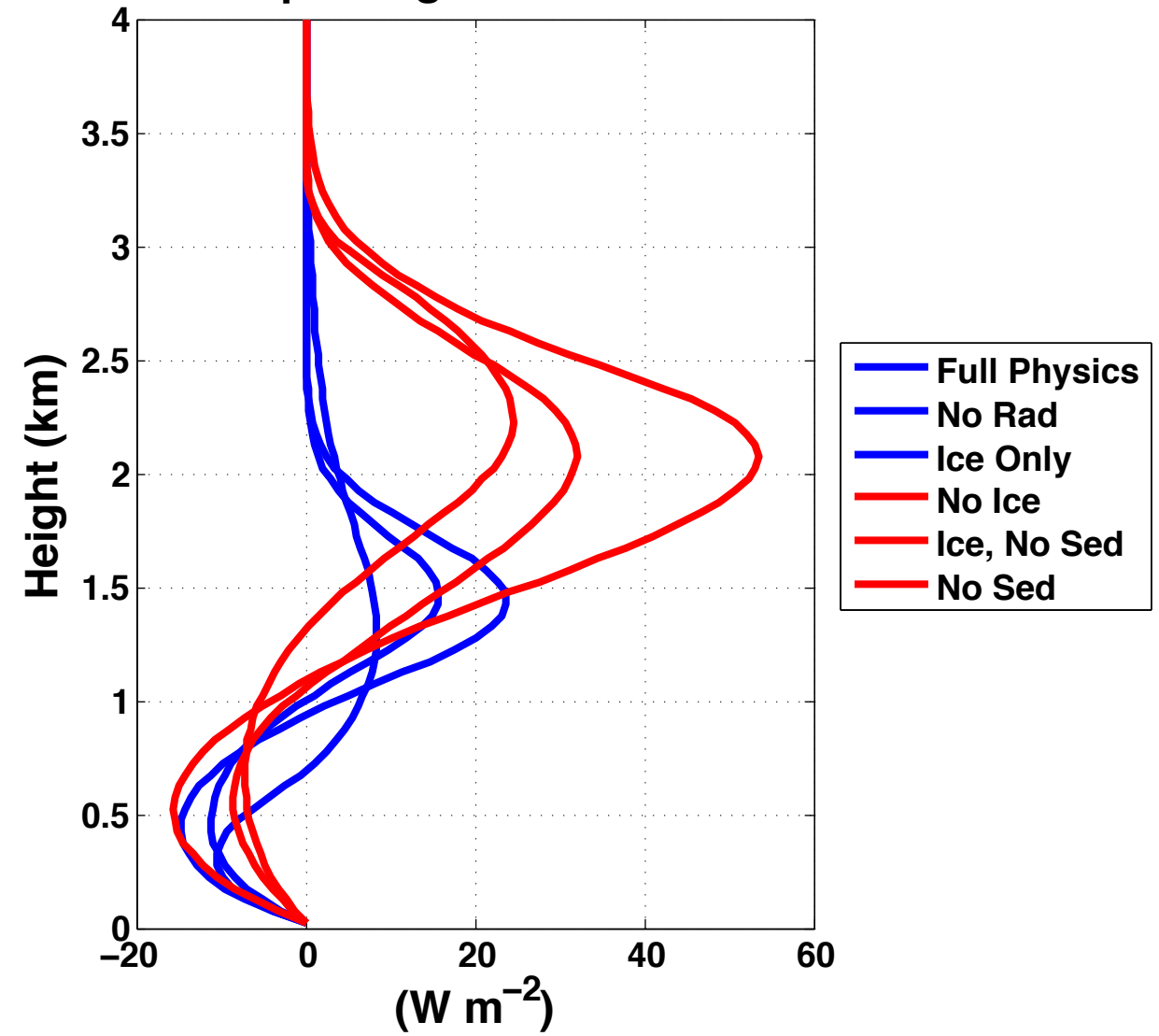


QTFLUX and QPFLUX

Total Nonprecipitating Water Flux

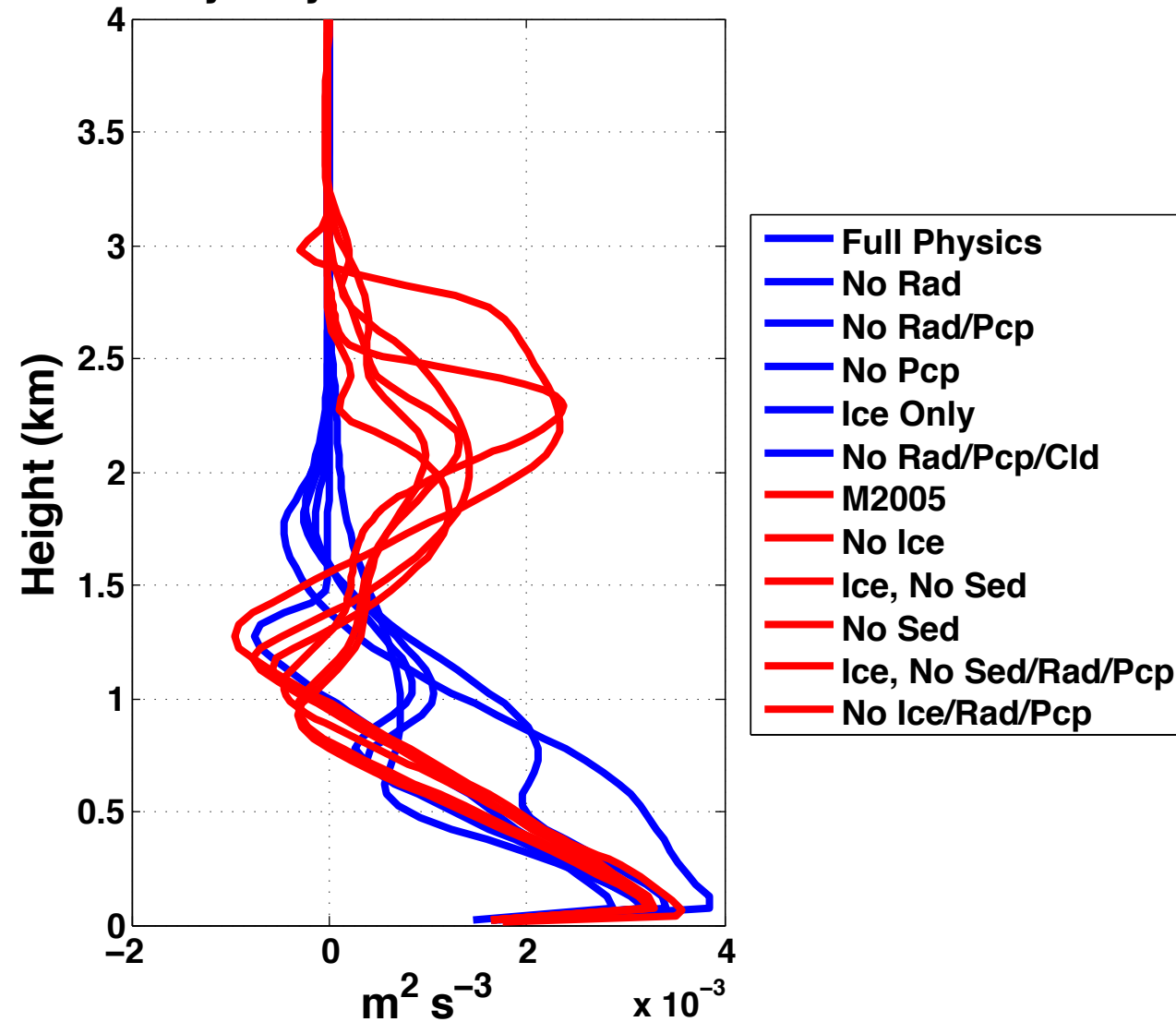


Total Precipitating-water Turbulent Flux

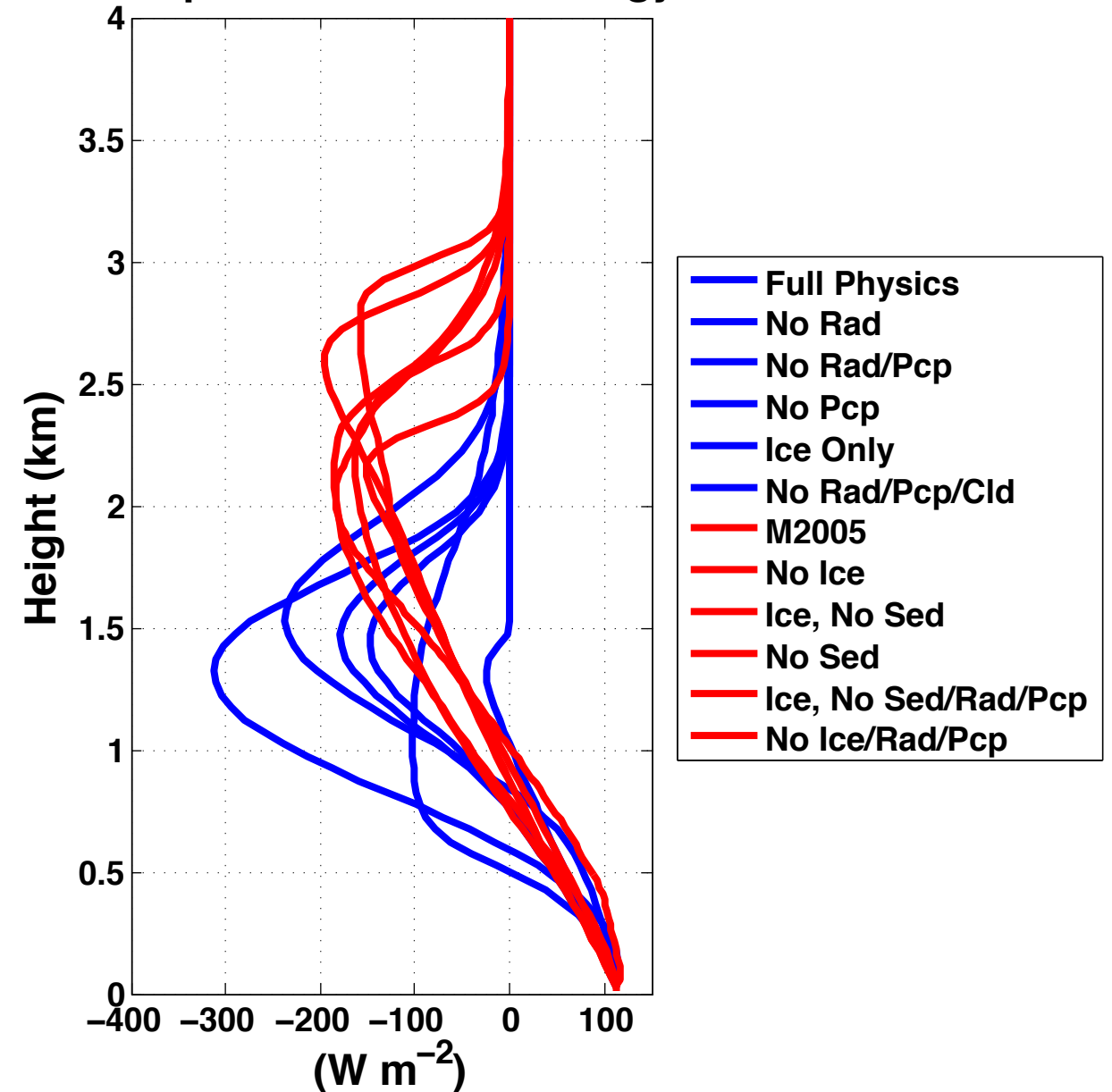


Buoyancy and LWSE Fluxes

Total Buoyancy Production Terms of TKE

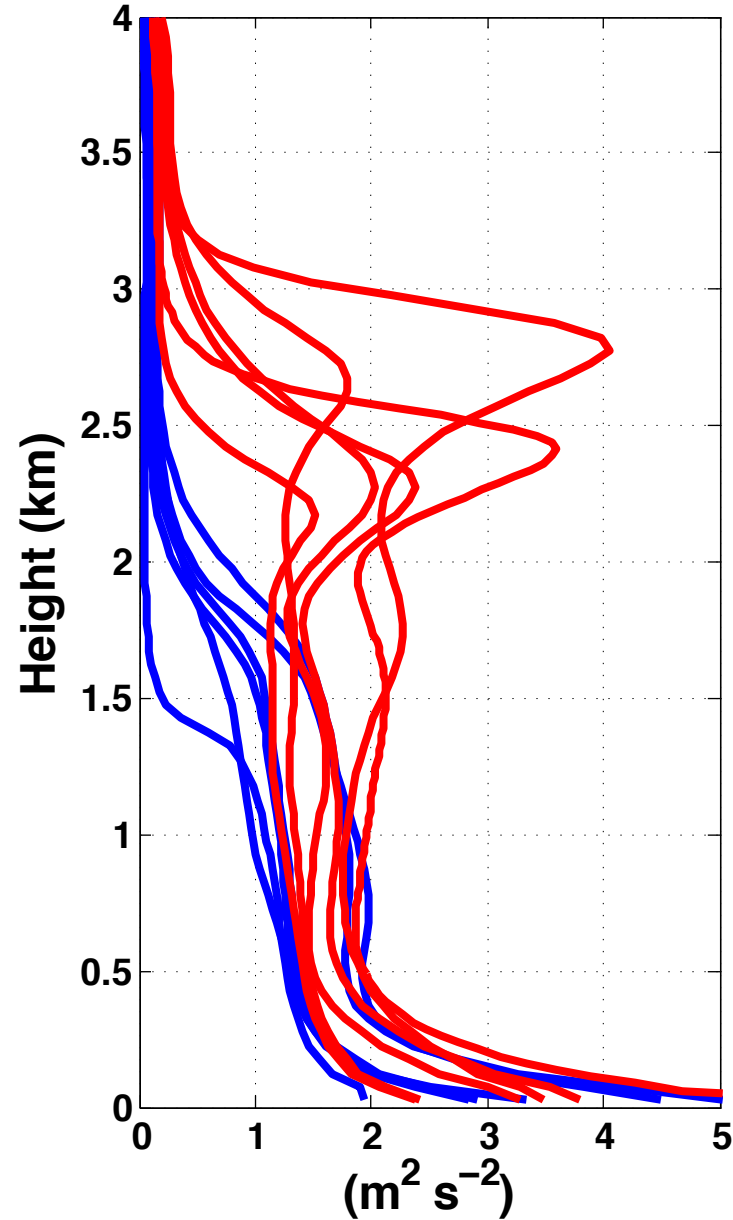


Total Liquid Water Static Energy Flux



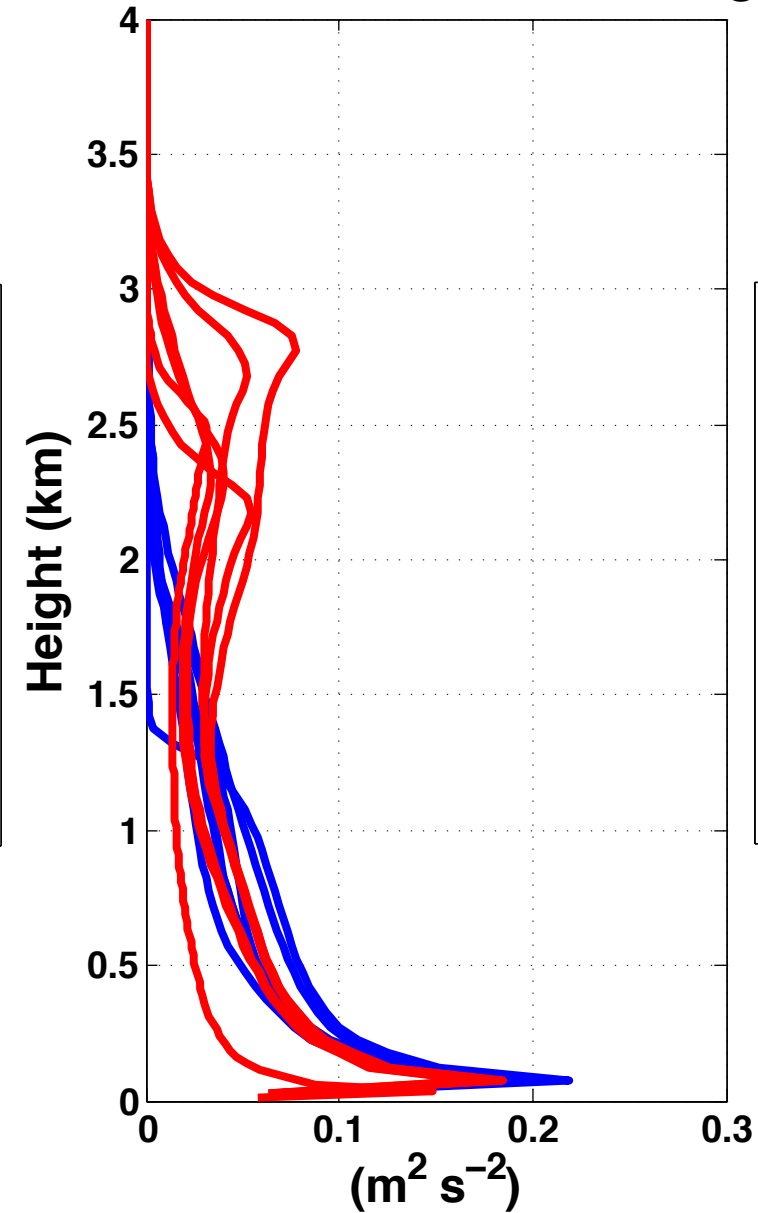
Total and SGS TKE

Total Turbulent Kinetic Energy



- Full Physics
- No Rad
- No Rad/Pcp
- No Pcp
- Ice Only
- No Rad/Pcp/Cld
- M2005
- No Ice
- Ice, No Sed
- No Sed
- Ice, No Sed/Rad/Pcp
- No Ice/Rad/Pcp

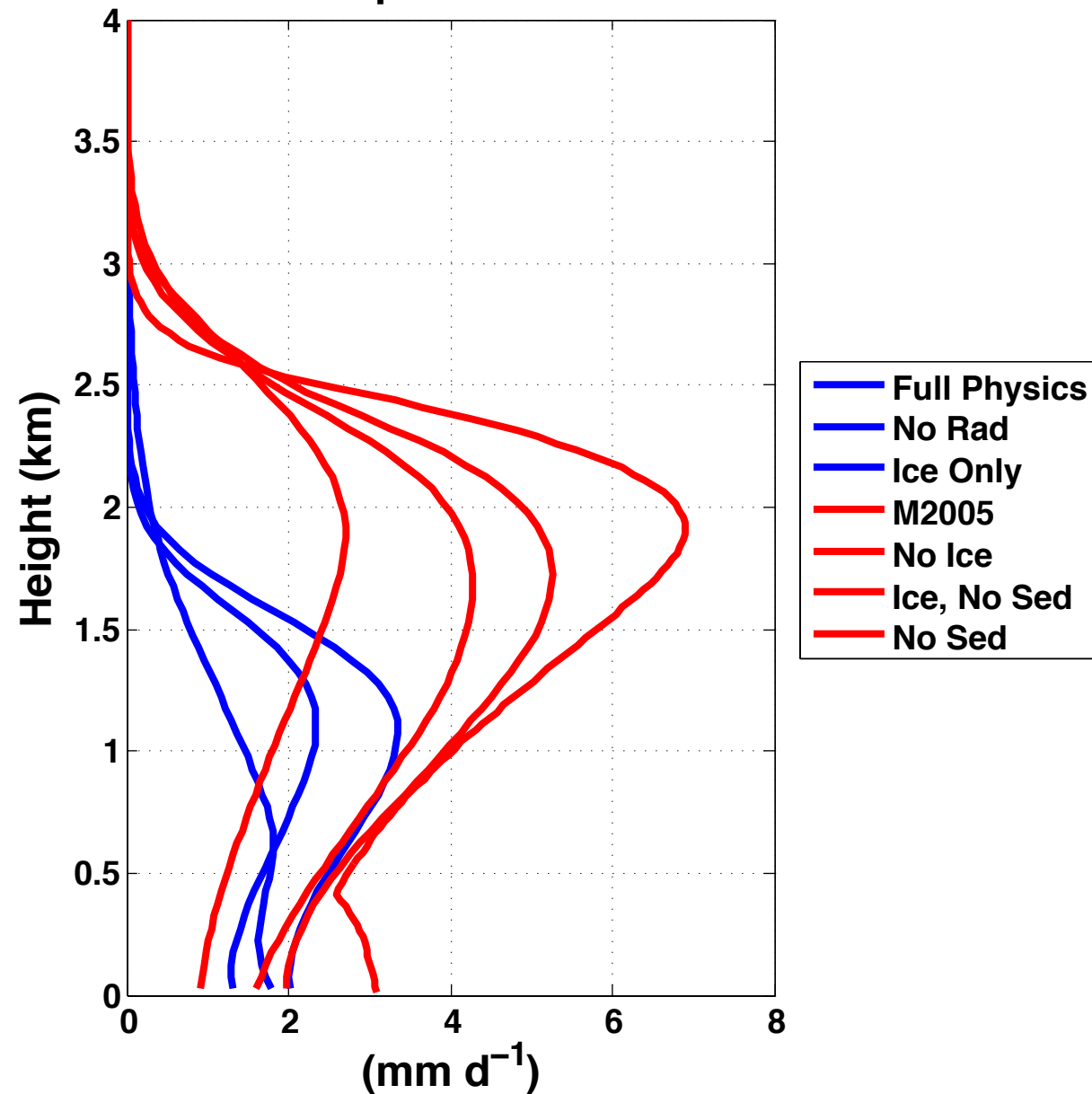
SGS Turbulent Kinetic Energy



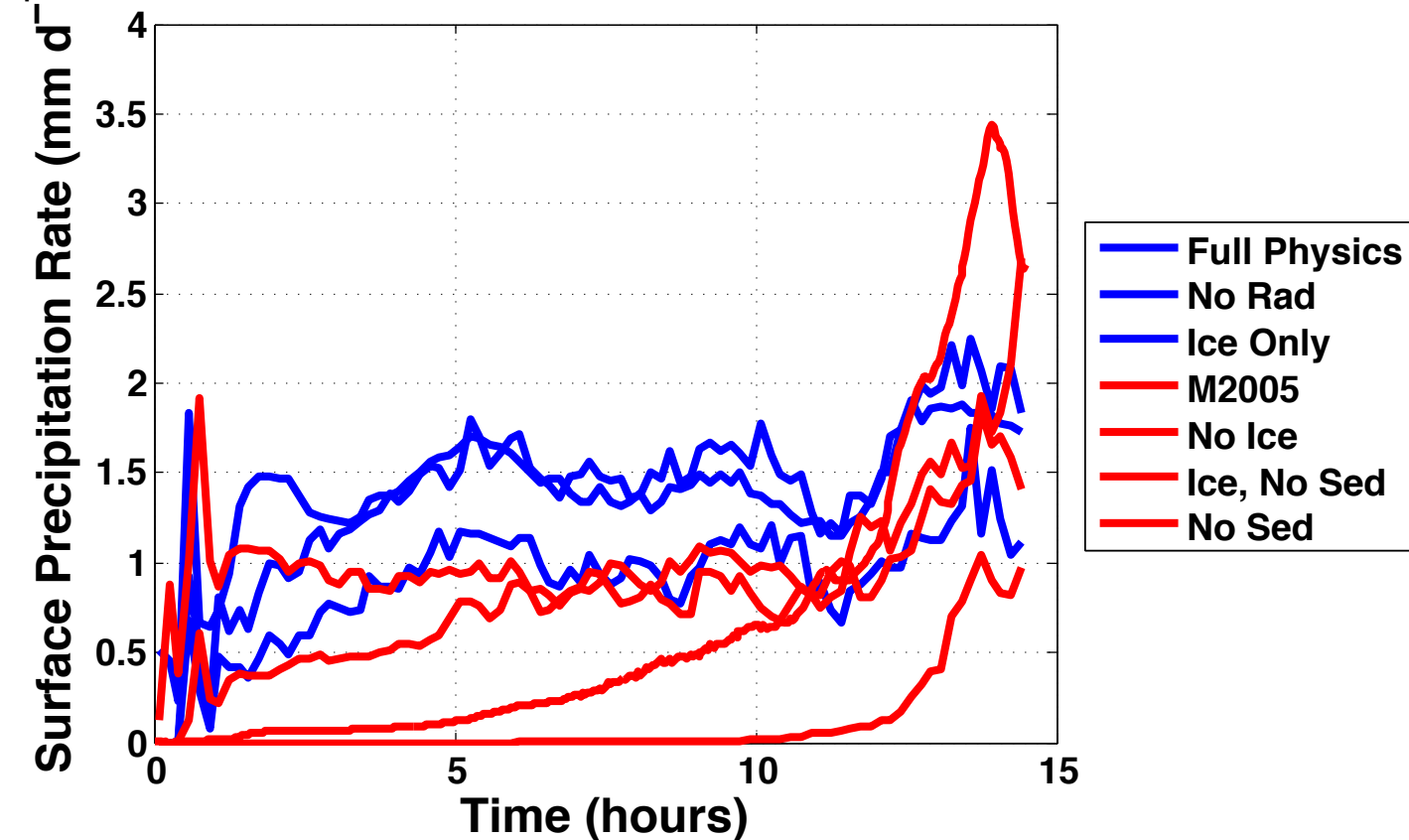
- Full Physics
- No Rad
- No Rad/Pcp
- No Pcp
- Ice Only
- No Rad/Pcp/Cld
- M2005
- No Ice
- Ice, No Sed
- No Sed
- Ice, No Sed/Rad/Pcp
- No Ice/Rad/Pcp

Precip. Flux and Surf. Precip.

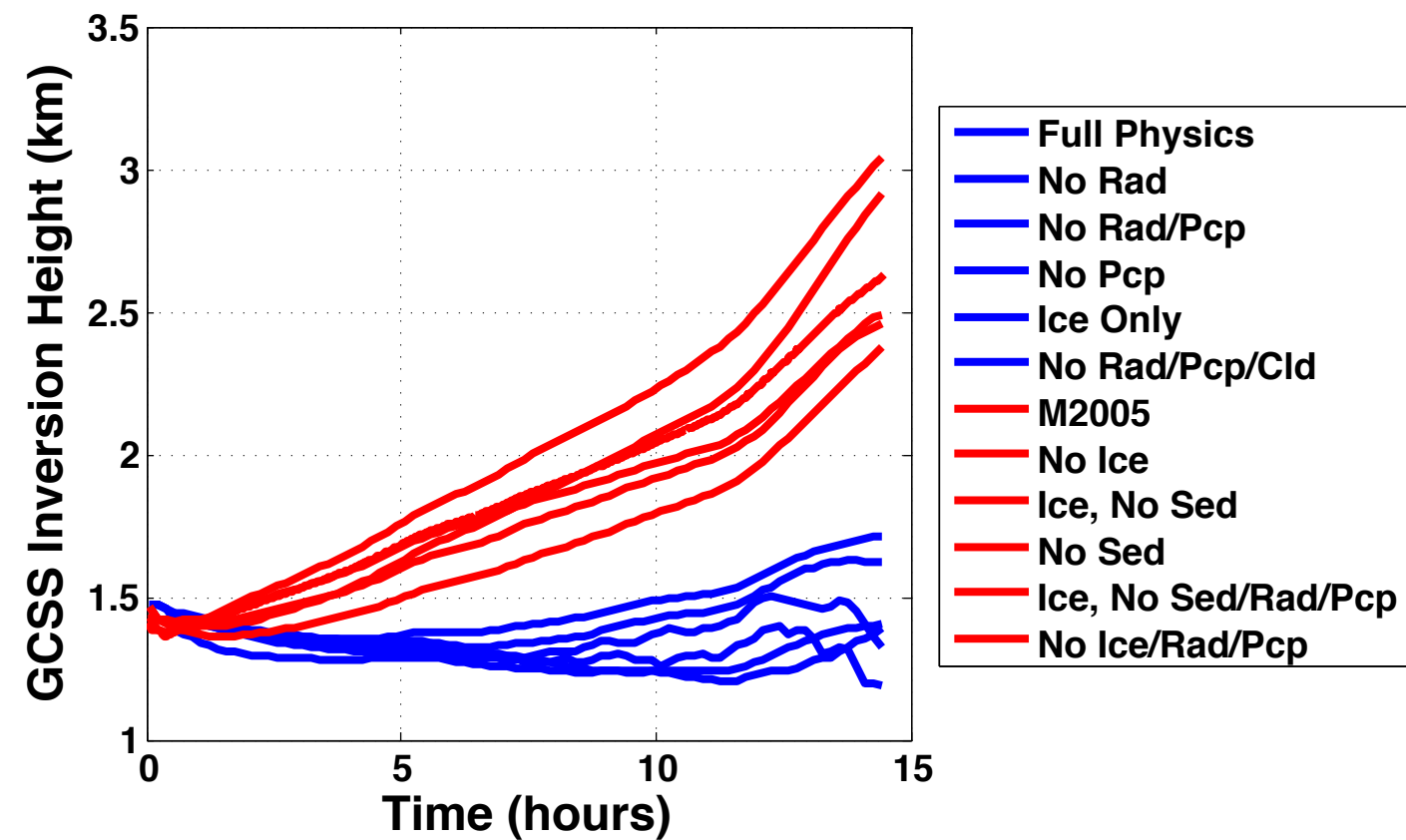
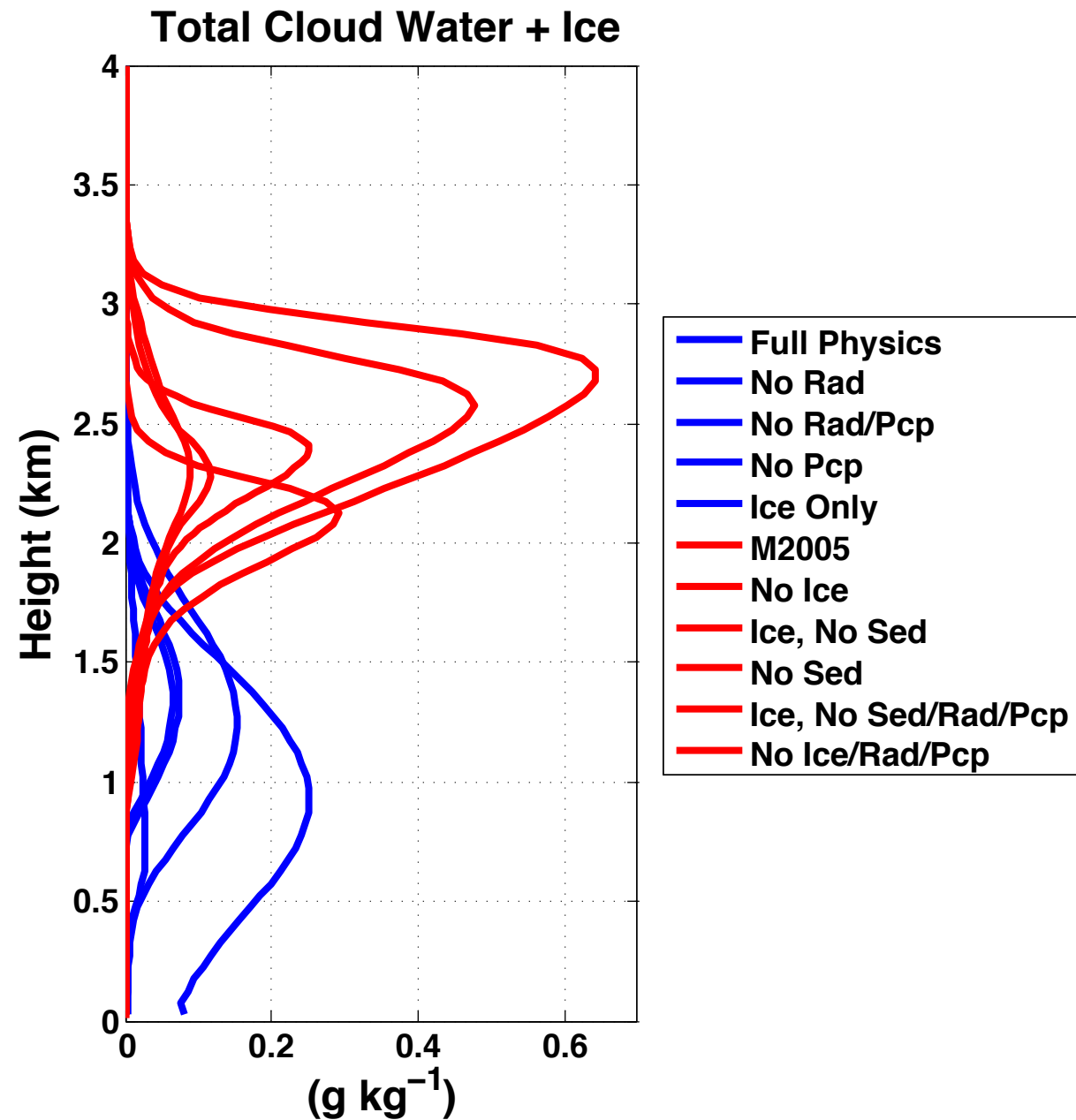
Precipitation Flux



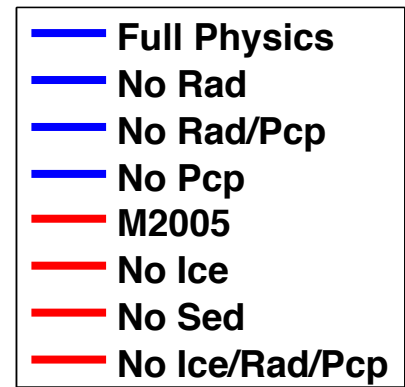
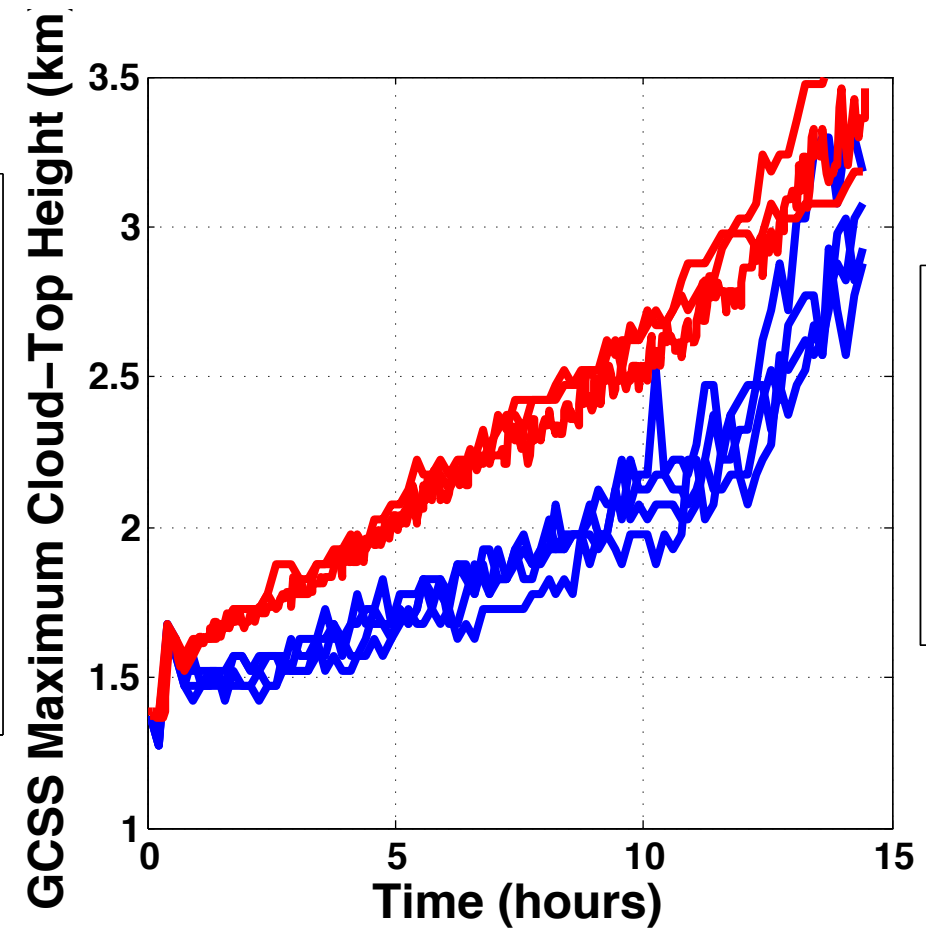
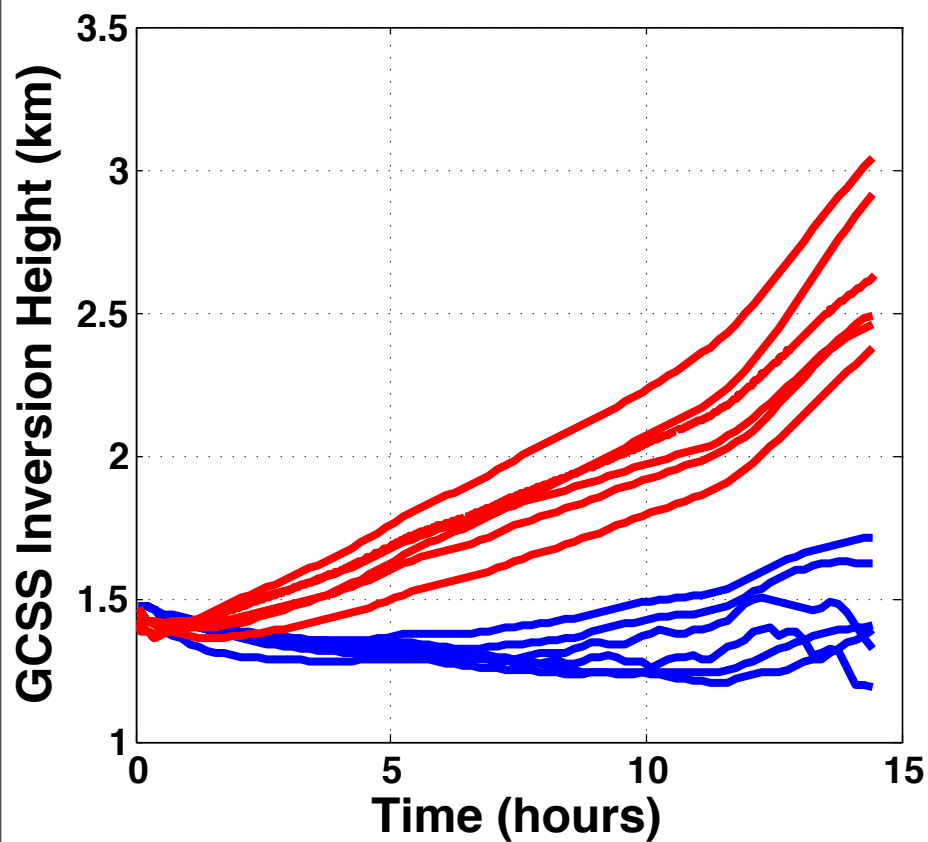
Surface Precipitation Rate (mm d⁻¹)



QN and ZINV



ZINV ZCTMAX



TL2

Variance of Liquid Water Static Energy

