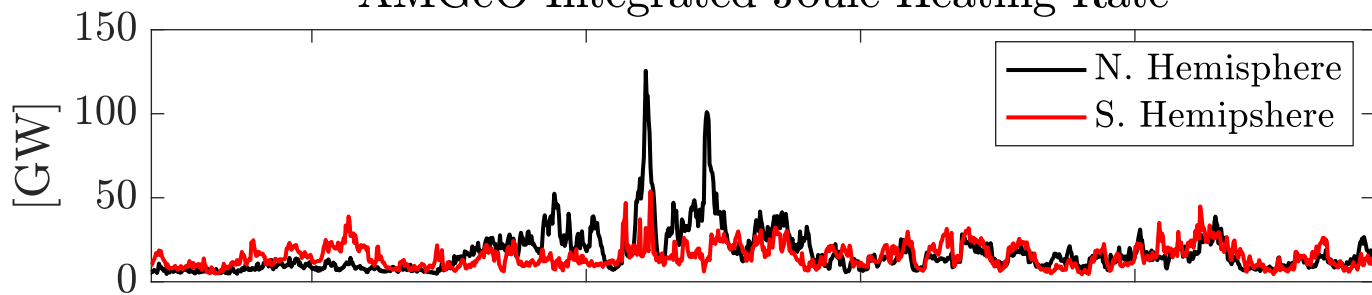
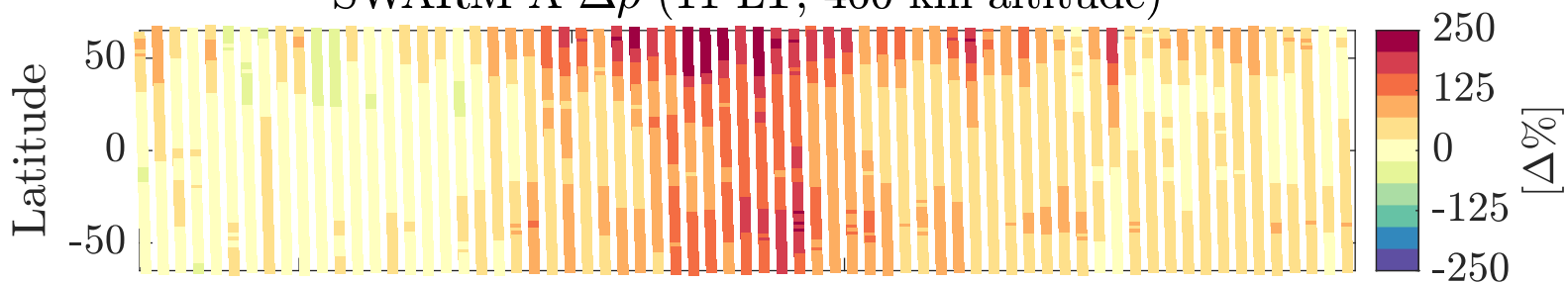


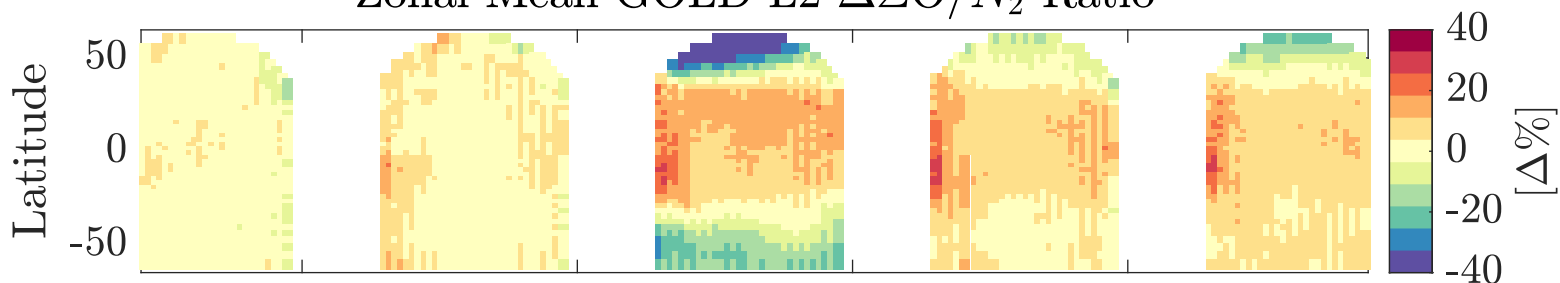
# AMGeO Integrated Joule Heating Rate



## SWARM A $\Delta\rho$ (11 LT, 460 km altitude)



## Zonal Mean GOLD L2 $\Delta\Sigma\text{O}/N_2$ Ratio



## Zonal Mean Col.-Integrated $\Delta T_{ci}^G$

