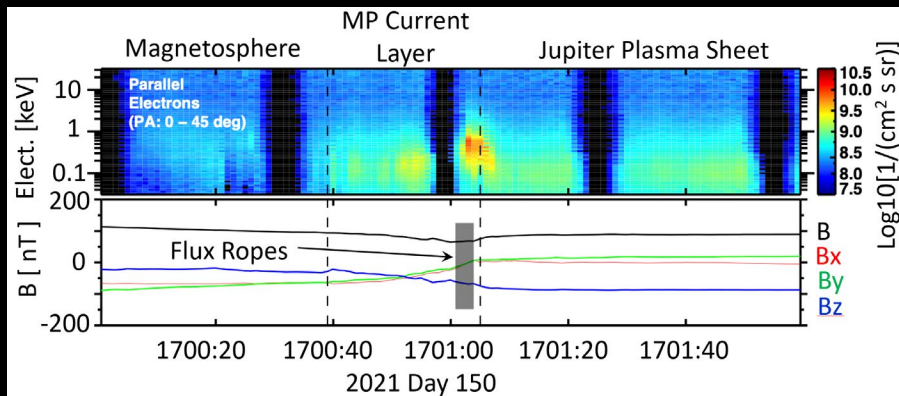


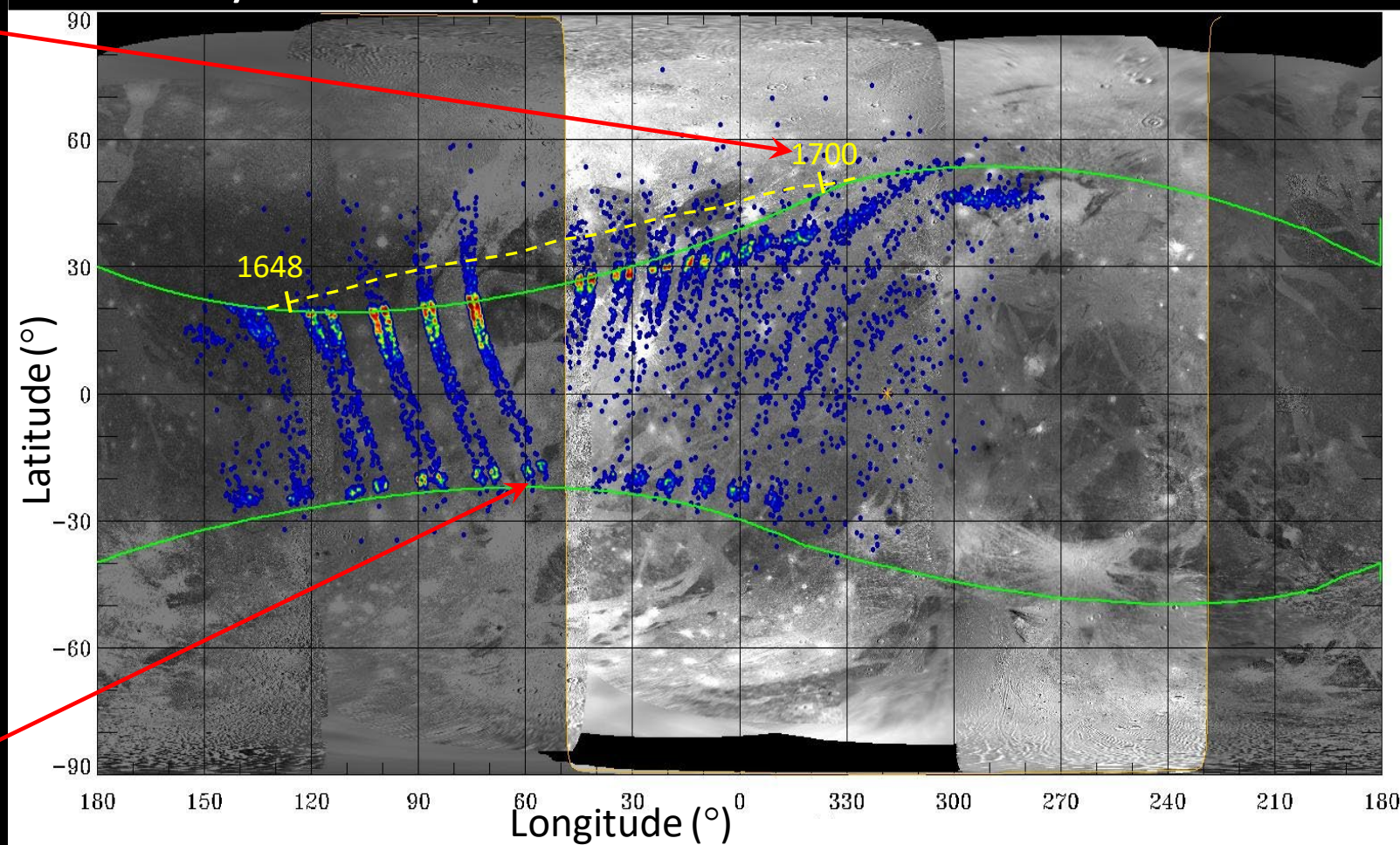


Juno UV auroral imaging combined with in situ particles indicate Ganymede's O_2 atmosphere is an order of magnitude more copious than expected.

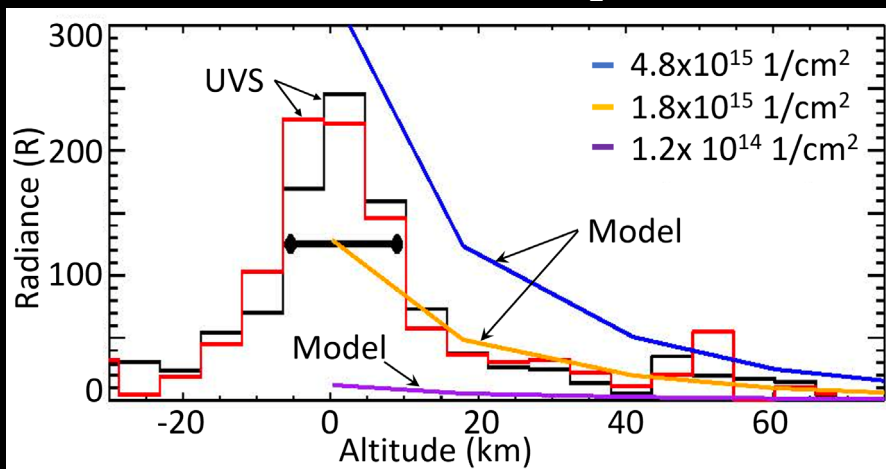
JADE/MAG reconnection measurements



UVS Ganymede Map



Comparison of UVS Auroral Profile with modeled variations of O_2 content



Waite, J. H., Jr., et al. (2024), Magnetospheric-ionospheric-atmospheric implications from the Juno flyby of Ganymede, JGR: Planets, 129, e2023JE007859, <https://doi.org/10.1029/2023JE007859>