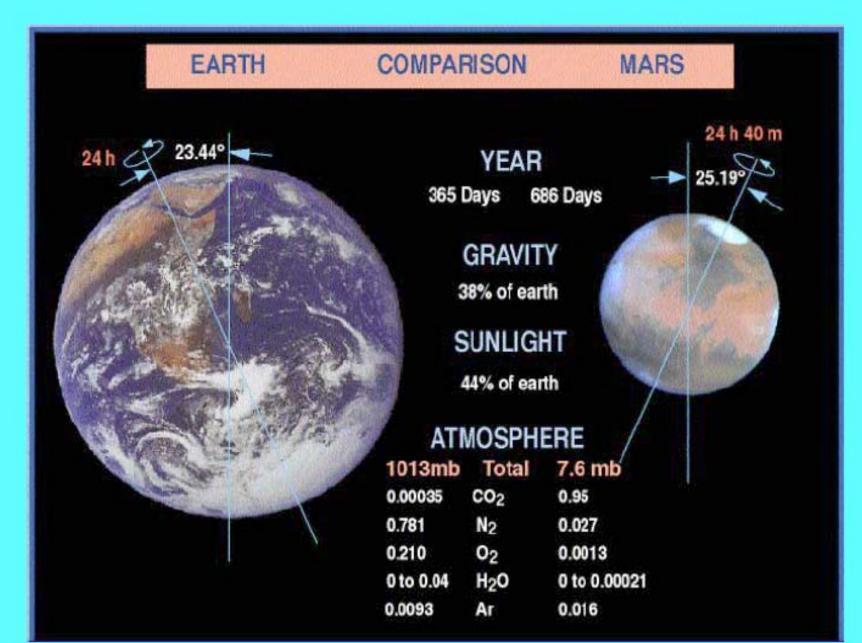
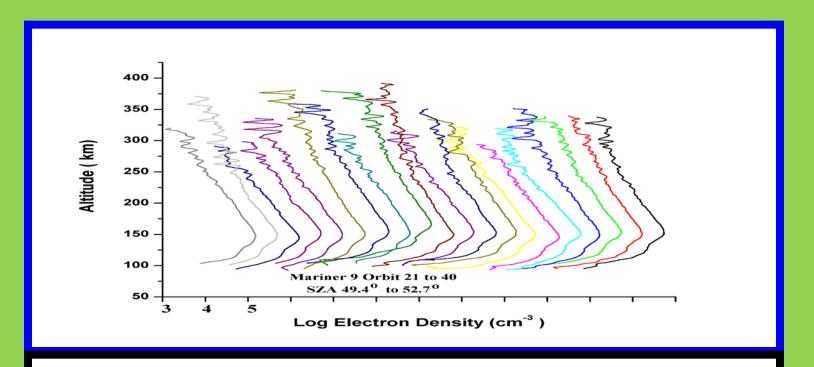
Meteoroid Ablation in the Martian Atmosphere: Observations and Modeling

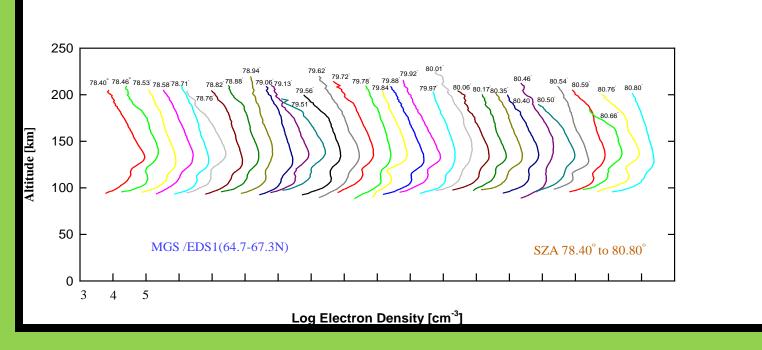
S. A. HAIDER

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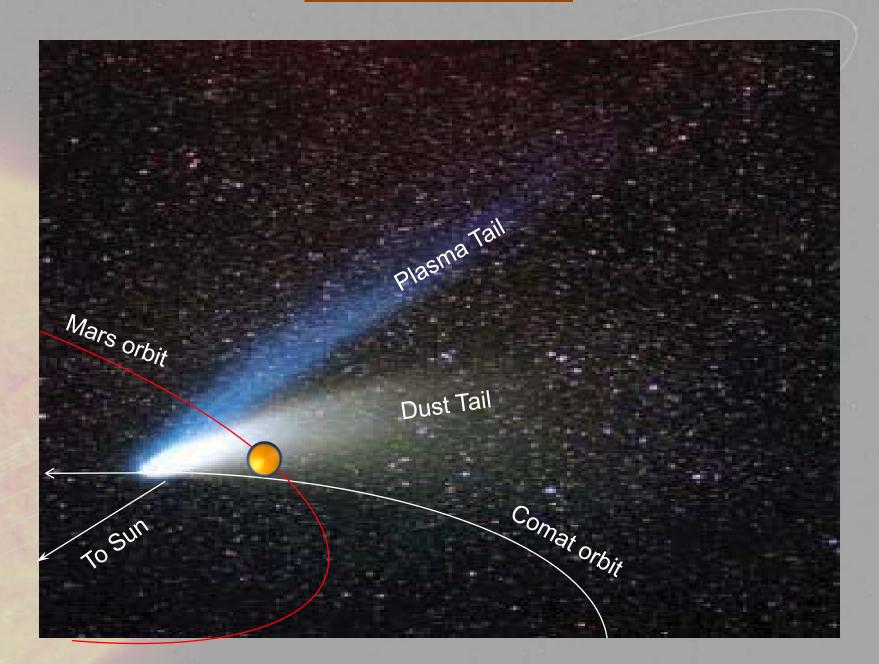


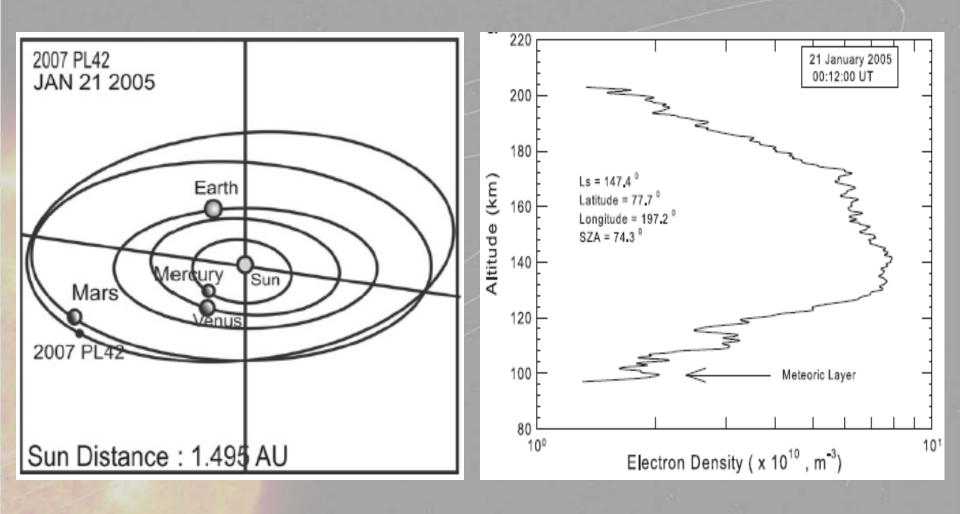




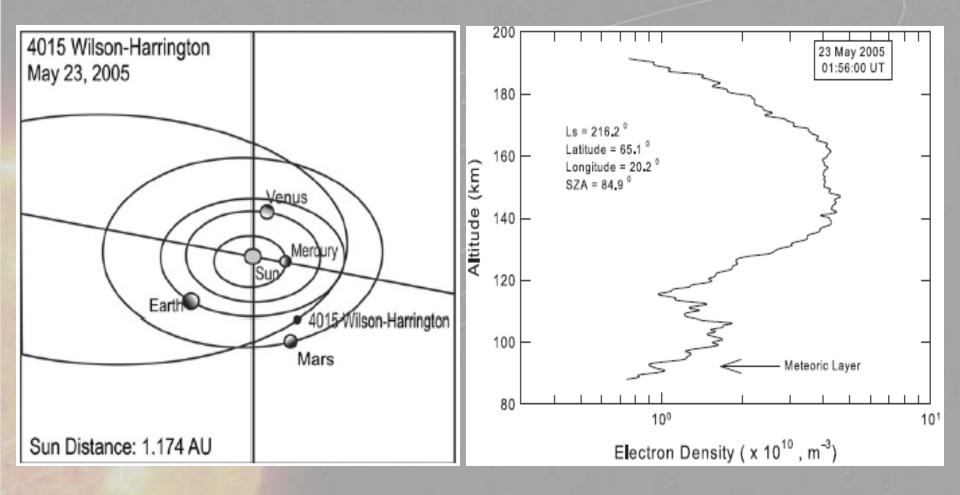
Haider et al. Icarus (2006)

Comet Intersection

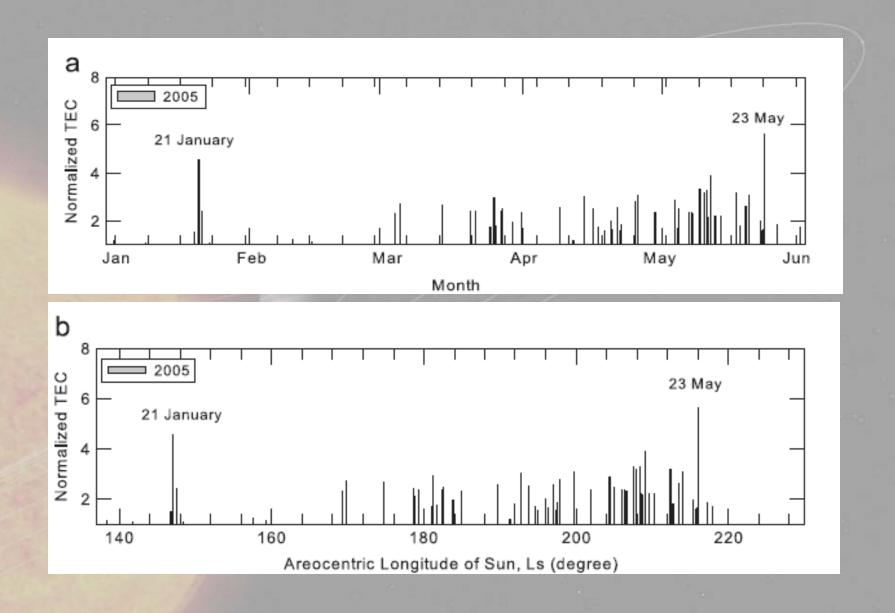




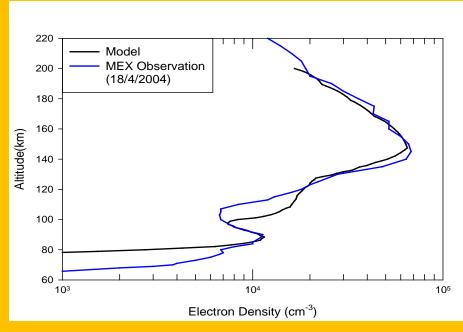
Pandya, B. M., and S. A. Haider (2012), Meteor impact perturbation in the lower ionosphere of Mars: MGS observations, Planet. Space Sci., 63, 105-109, doi: 10.1016/j.pss.2011.09.013

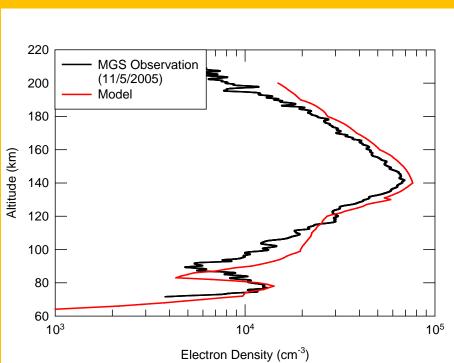


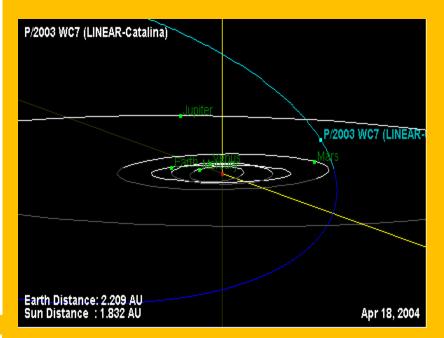
Pandya, B. M., and S. A. Haider (2012), Meteor impact perturbation in the lower ionosphere of Mars: MGS observations, Planet. Space Sci., 63, 105-109, doi: 10.1016/j.pss.2011.09.013

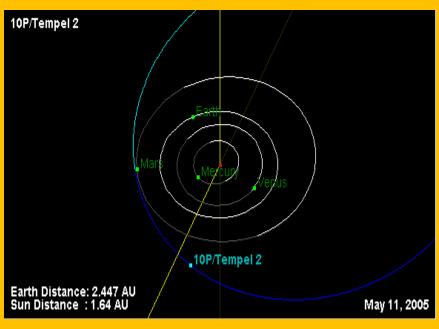


Pandya, B. M., and S. A. Haider (2012), Meteor impact perturbation in the lower ionosphere of Mars: MGS observations, Planet. Space Sci., 63, 105-109, doi: 10.1016/j.pss.2011.09.013

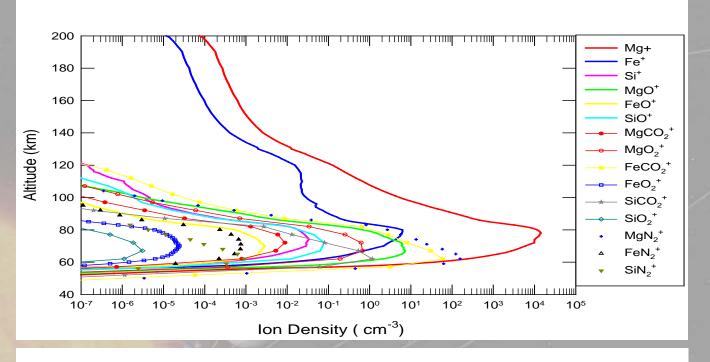


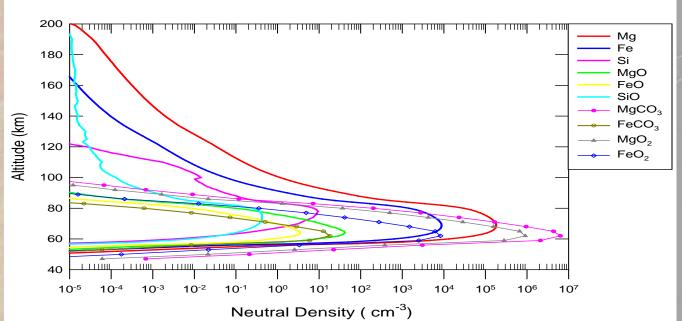






Submitted/JGR (2013)





Submitted JGR (2013)

Future Missions to Mars:

MAVEN-Orbiter (NASA)

Determine Current State of the Atmosphere/Ionosphere/Solar Wind Interaction, Escape of Neutrals & Ions from Mars

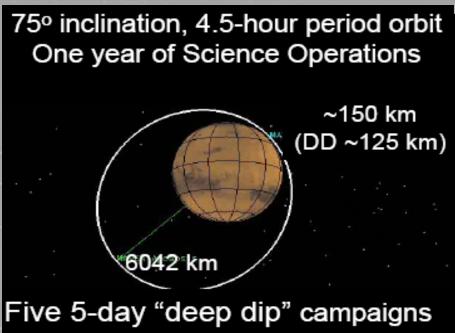
Indian Mars Mission-Mangalyaan

Atmosphere/Ionosphere, Escape of Neutrals & Ions from Mars

MELOS-Orbiter & Lander (Japan)

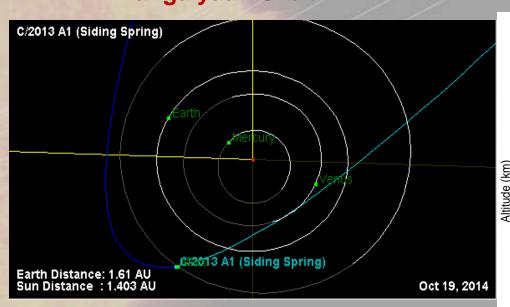
Atmosphere/Ionosphere/Surface Science, Magnetic Field & Solar Wind Interaction

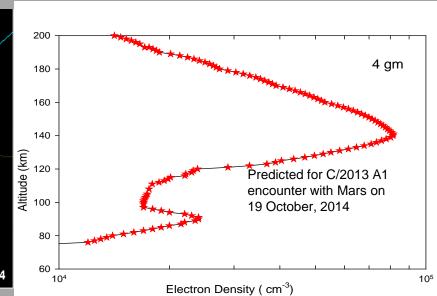




MAVEN Orbit

Mangalyaan Orbit





Thank you.....