

THE EVOLUTION OF VENUS AND THE VENUSIAN ATMOSPHERE

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OBSERVATIONS

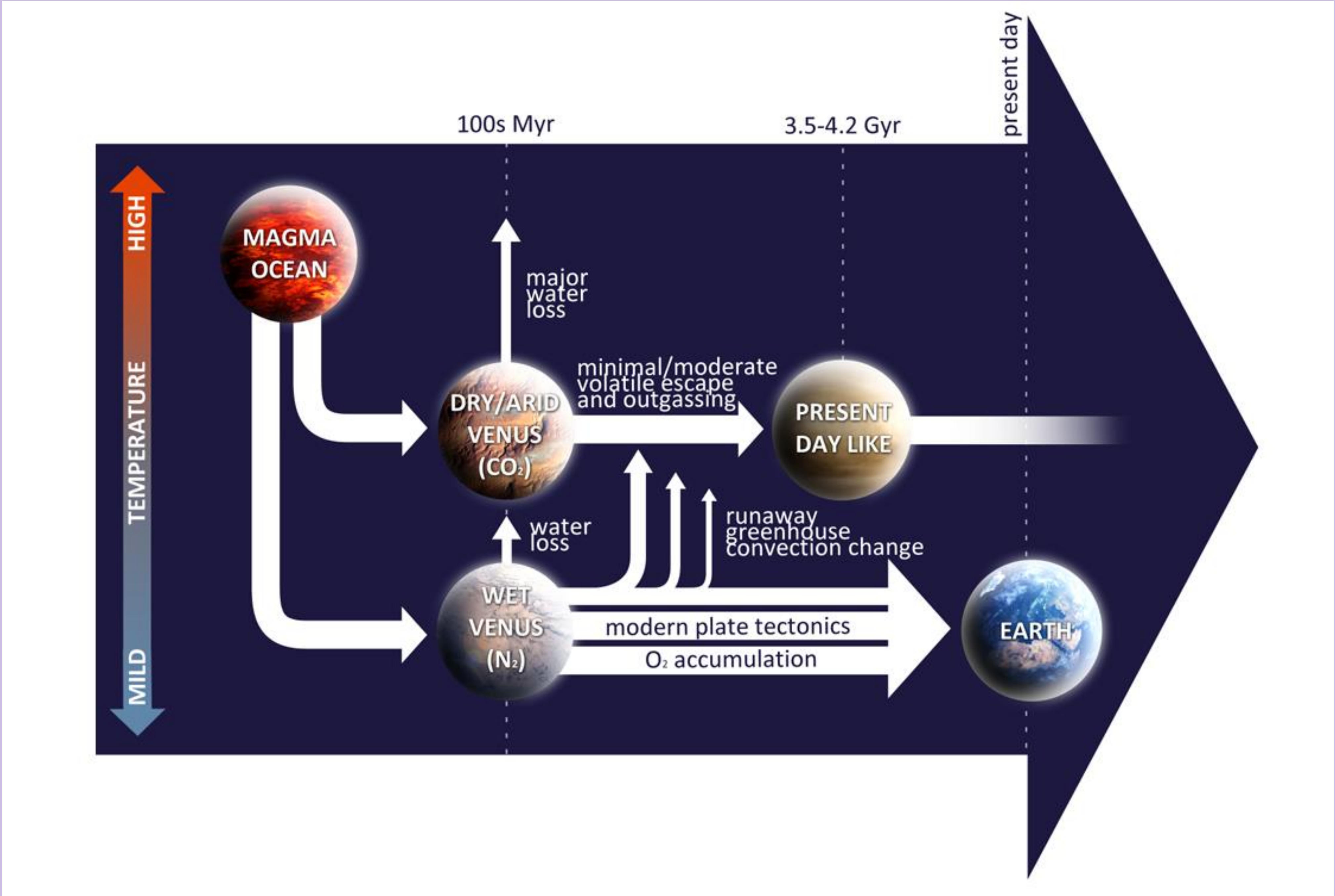
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EVOLUTION

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TECTONIC PLATES

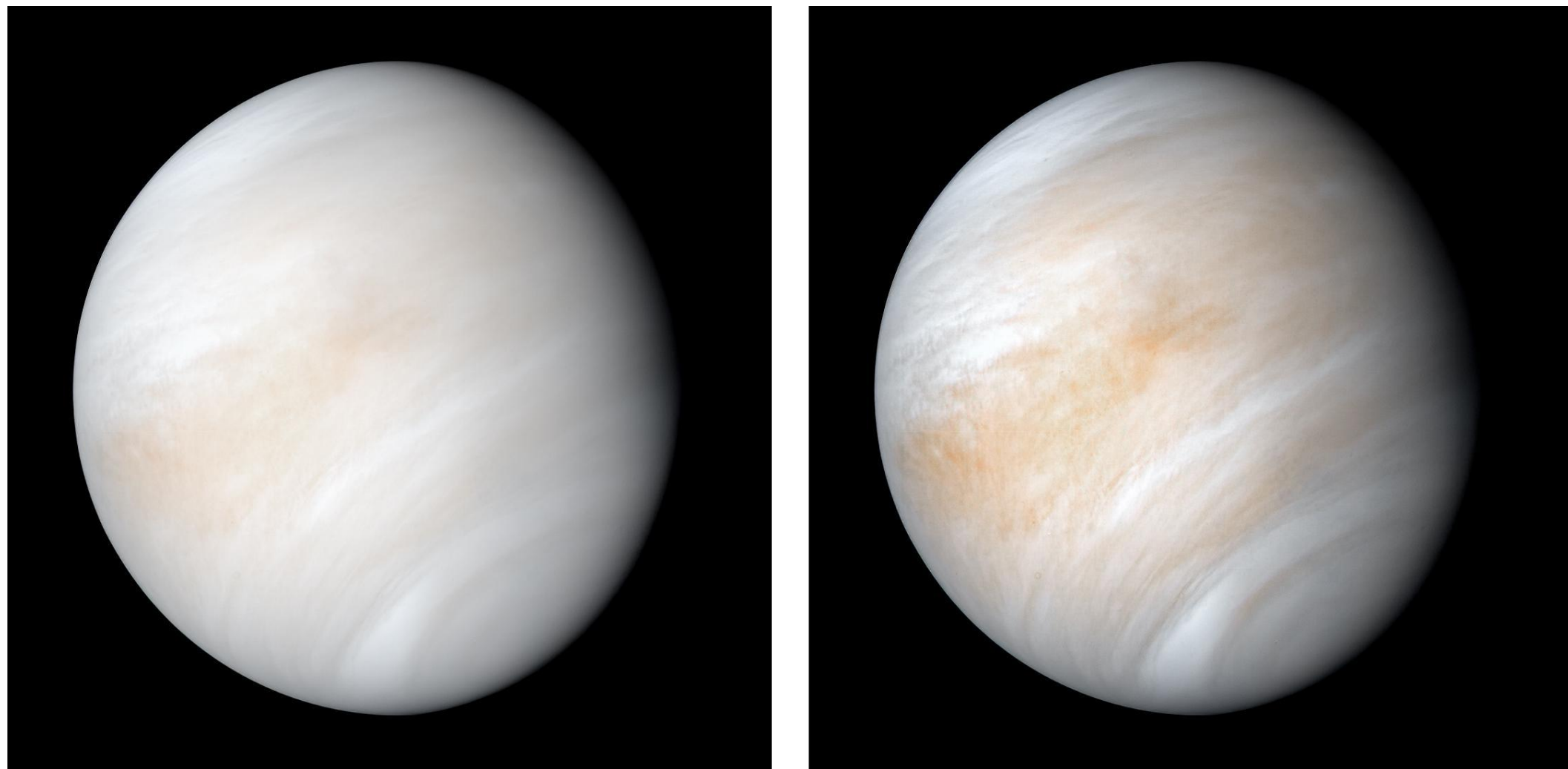
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- From Gillmann et al. (2022), shows different potential paths a planet could take to evolving from a magma ocean into either a Venus like planet or into an Earth like planet.

HABITABILITY

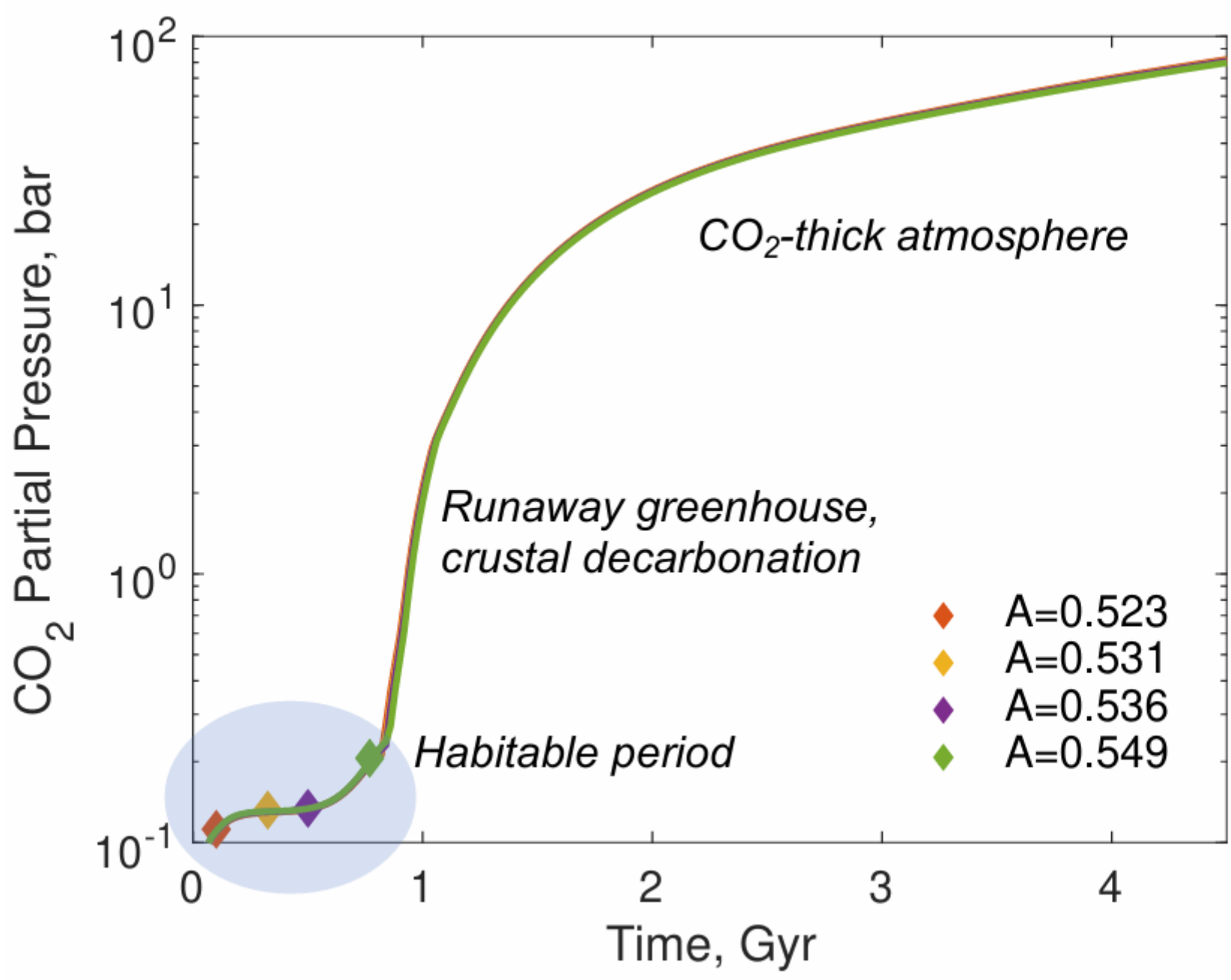
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Images of Venus taken from the NASA Mariner Mission, combining orange and ultraviolet filter images

GREENHOUSE EFFECT

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From Gillmann et al. (2022), shows the habitability period and how the runaway greenhouse increased the carbon dioxide pressure in the atmosphere

References

Gillmann, C., Way, M. J., Avicé, G., et al. 2022, SSRv,218, 56, doi: 10.1007/s11214-022-00924-0
NASA/JPL-Caltech



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