Self-Similar Kinetic Theory in the Solar Wind: Data and Simulations

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We present results of numerical simulations, where we find the steady-state eVDF for various $\gamma$. We then compare the predictions of the theory with satellite observations from the Helios and Wind missions. Overall, the theory exhibits remarkable consistency with a variety of electron measurements, and provides an intuitive context for understanding the steady-state solar wind eVDFs.

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