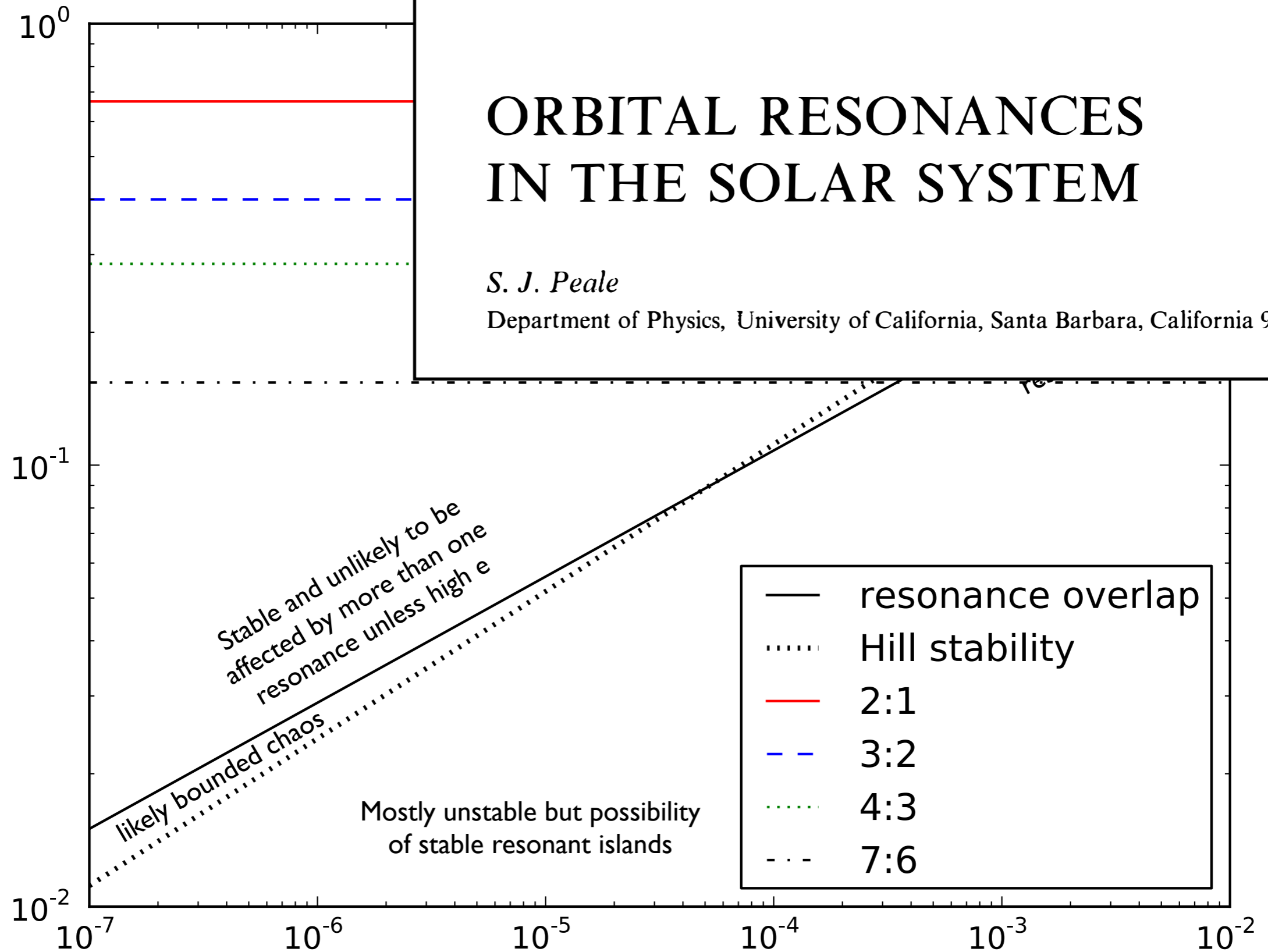


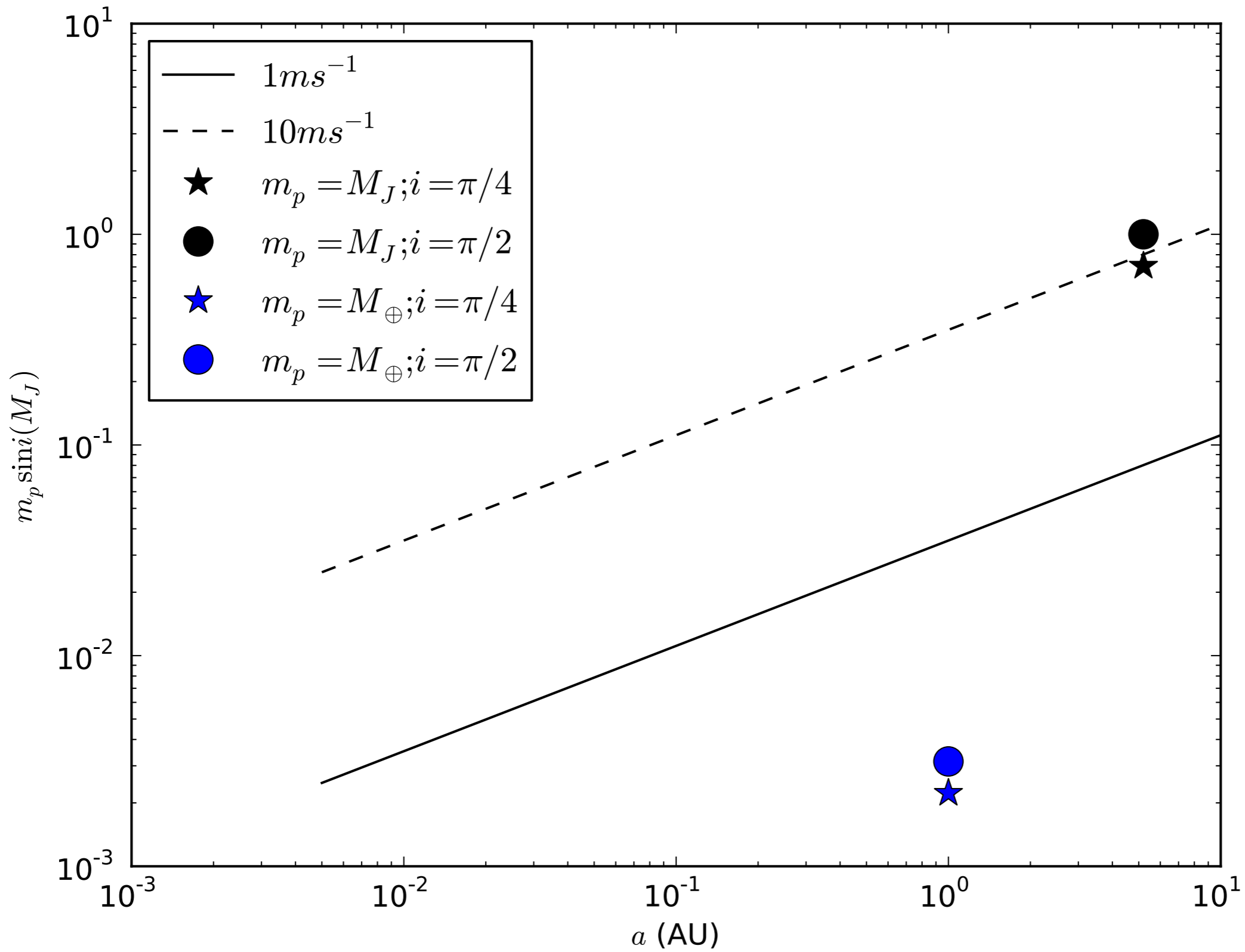
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ORBITAL RESONANCES IN THE SOLAR SYSTEM

S. J. Peale

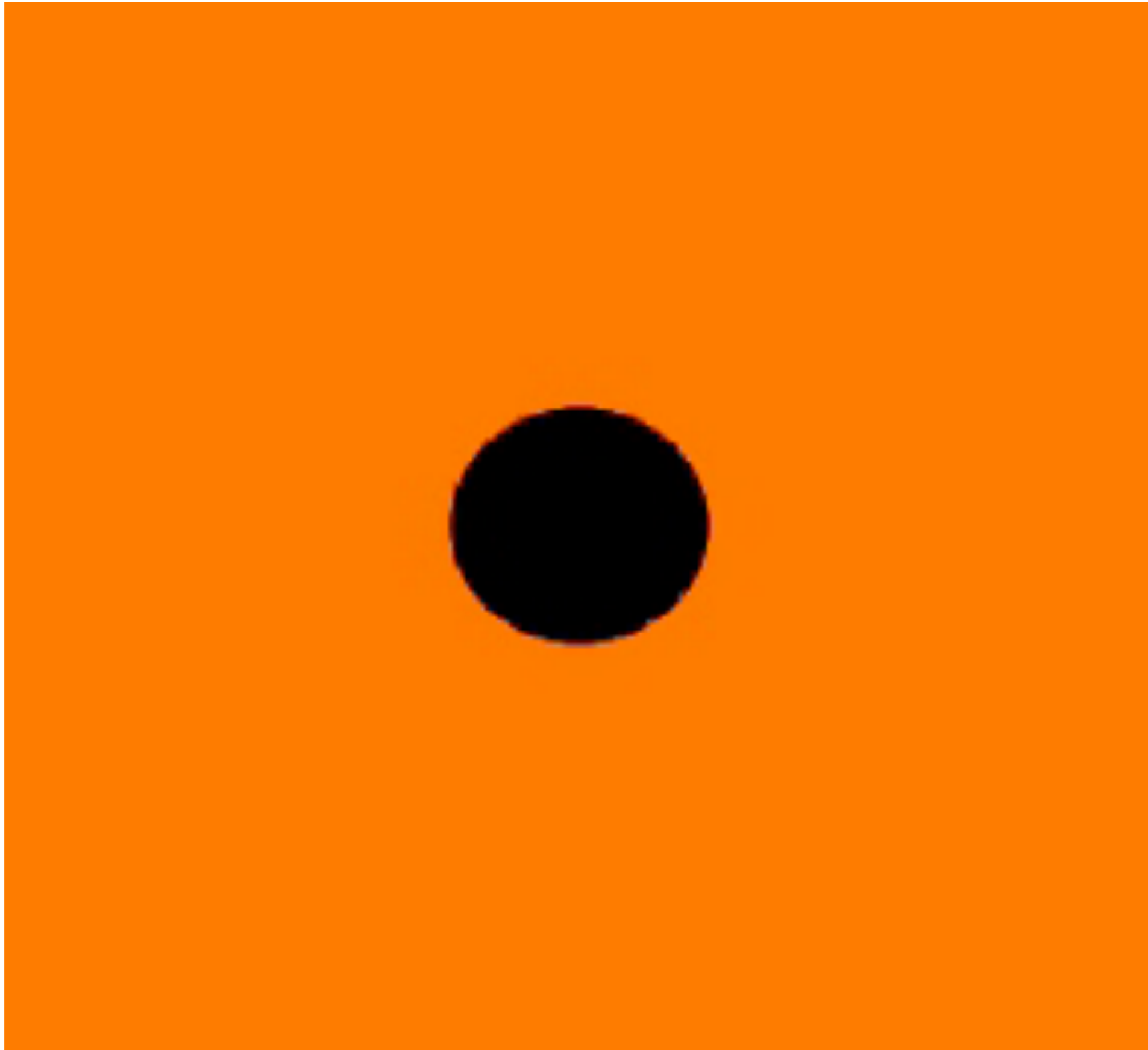
Department of Physics, University of California, Santa Barbara, California 93106



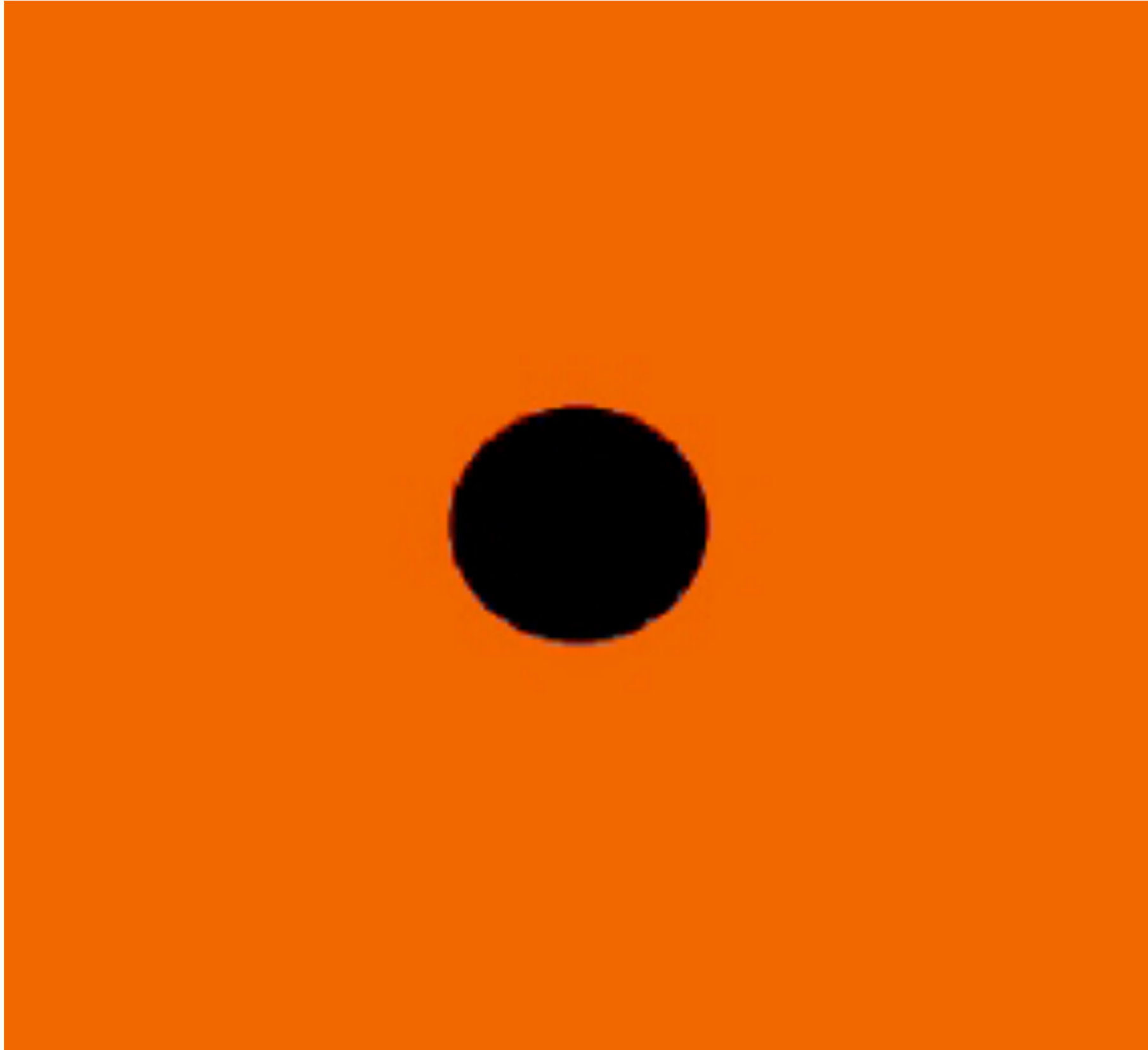


What is the probability for finding planets at an angle i ?

Type I

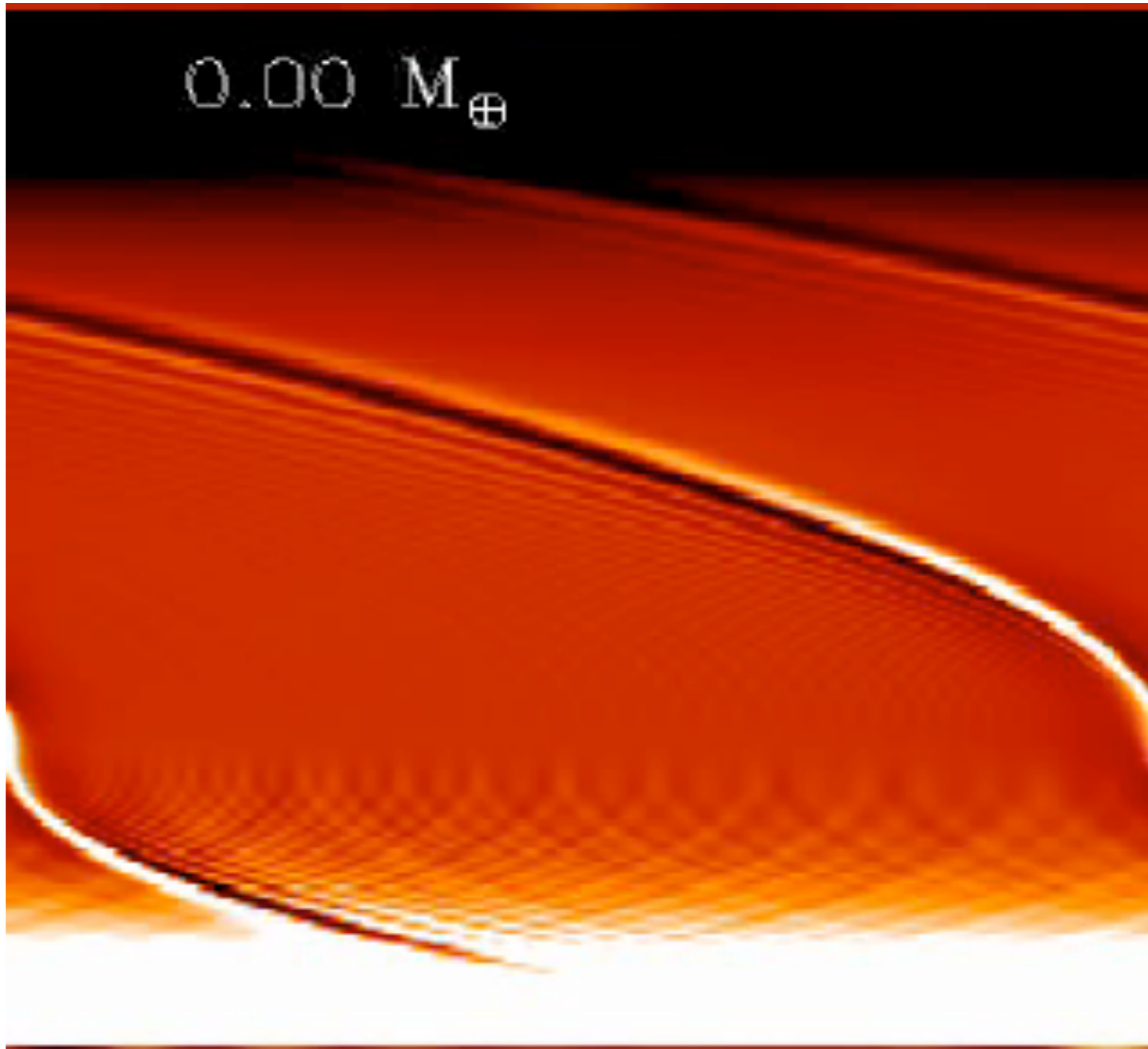


Type II



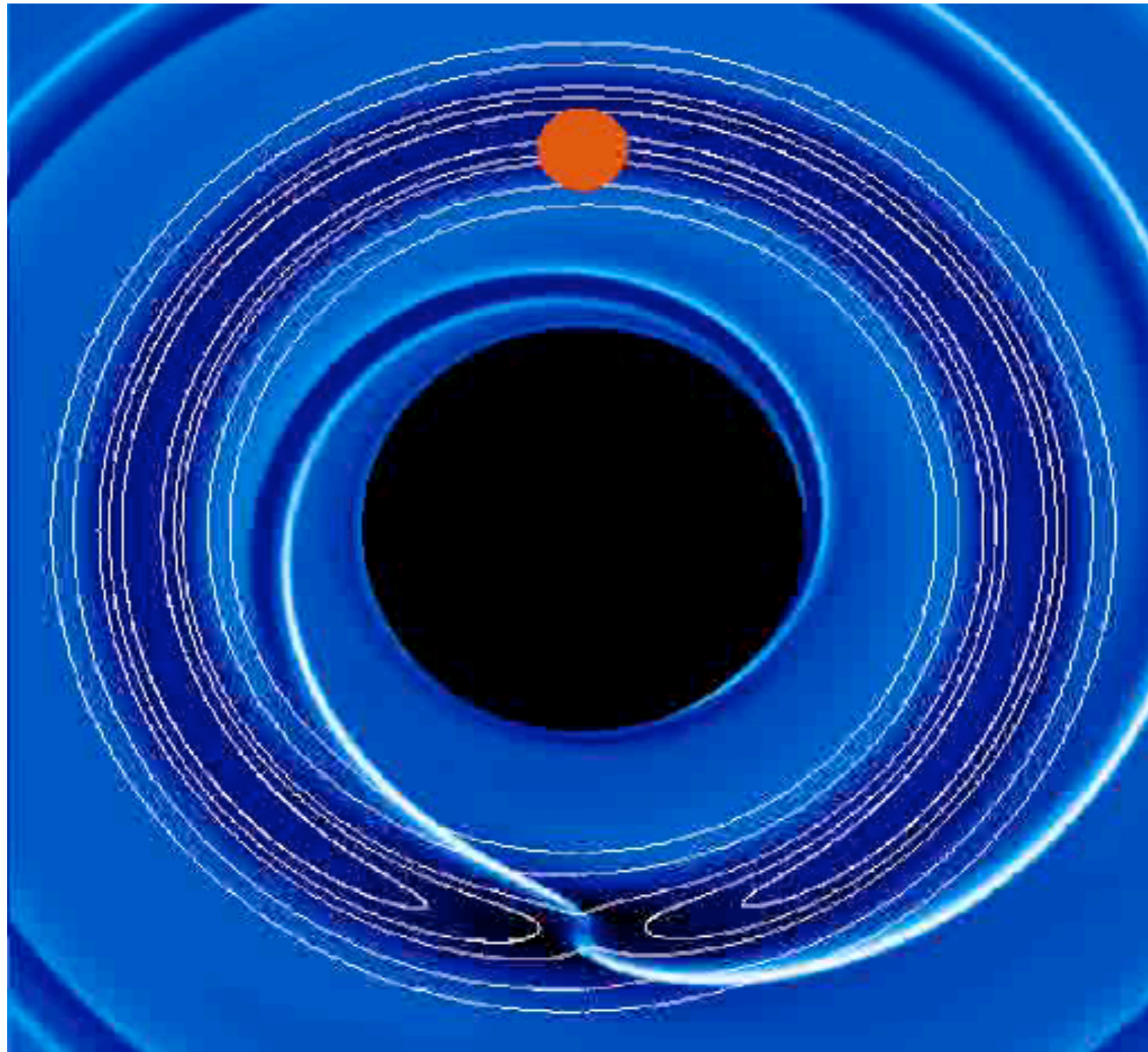


Disk Response for M_p



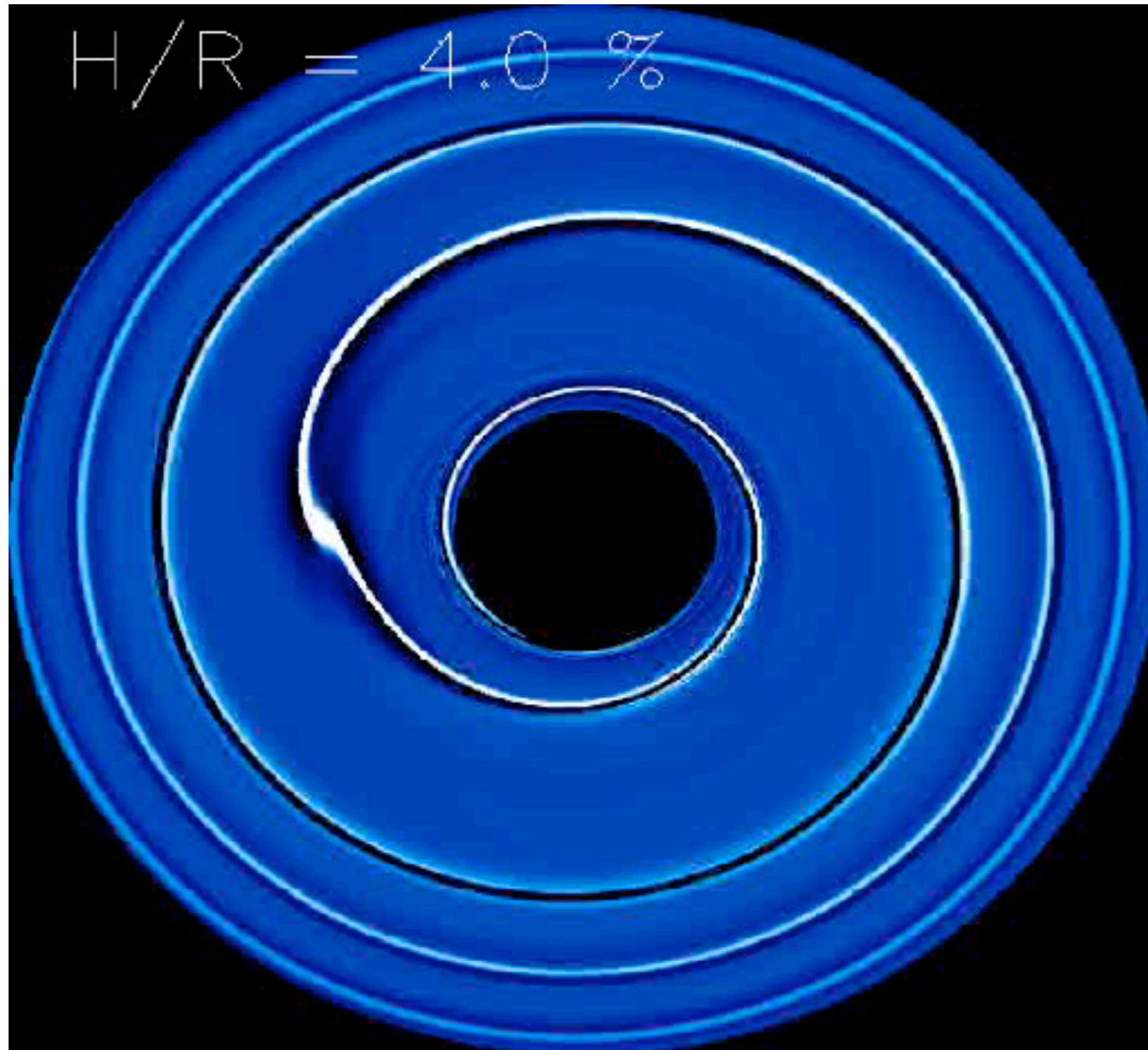
Coorbital Resonances

Horseshoe streamline around a planet

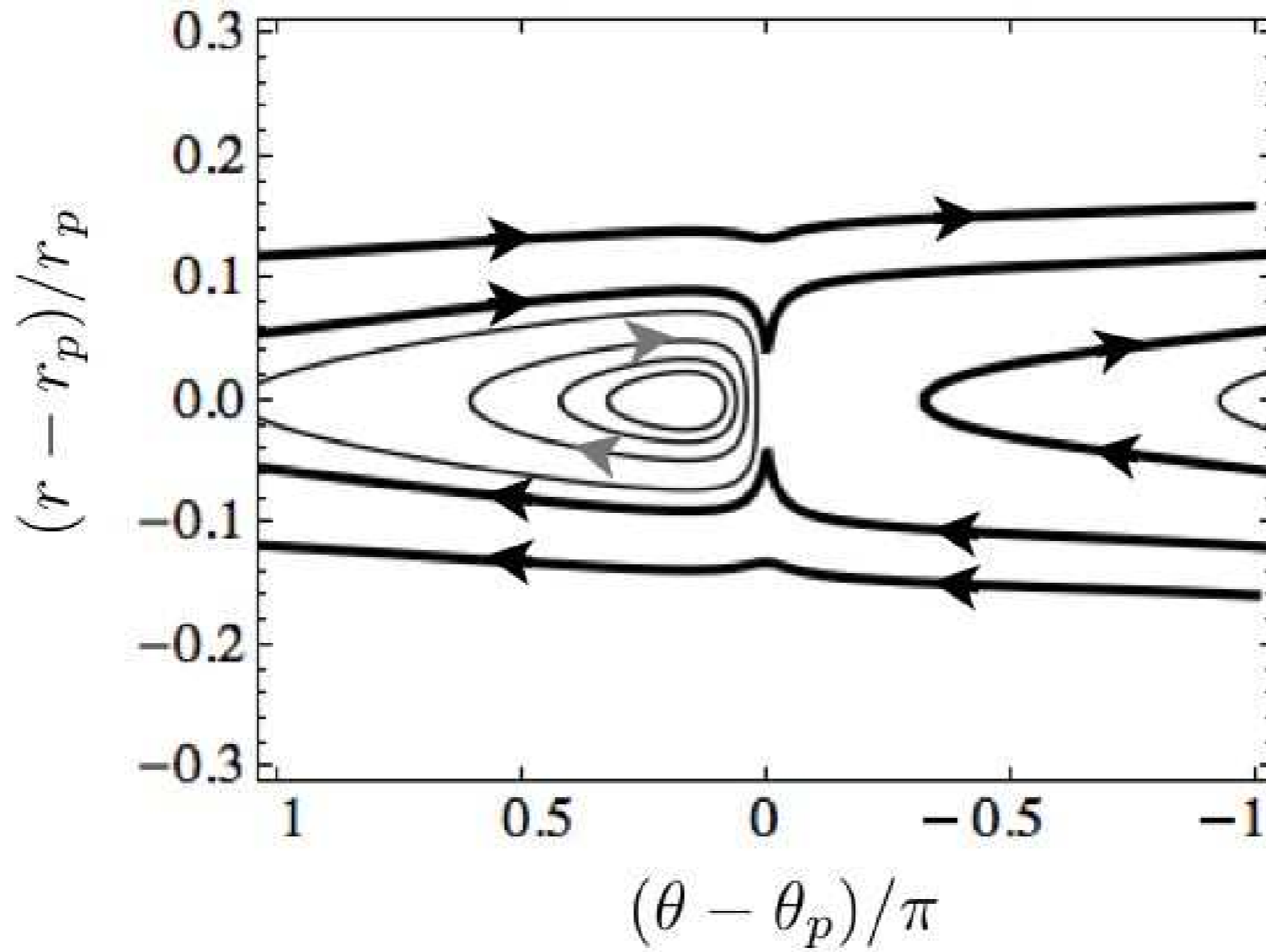


Type I

wake triggered by a small mass planet in a disk after 100 orbits vs h/r



Type III



Lubow & Ida 2010

Type III

