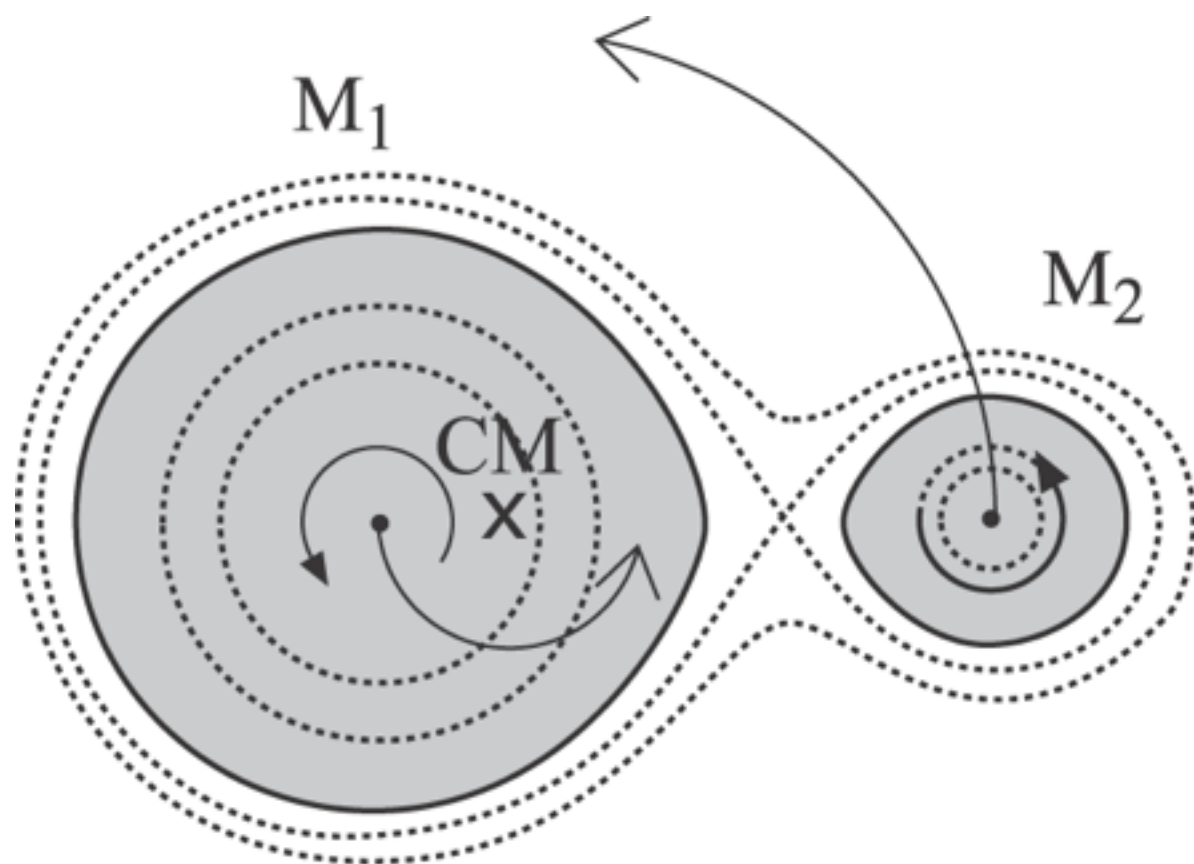
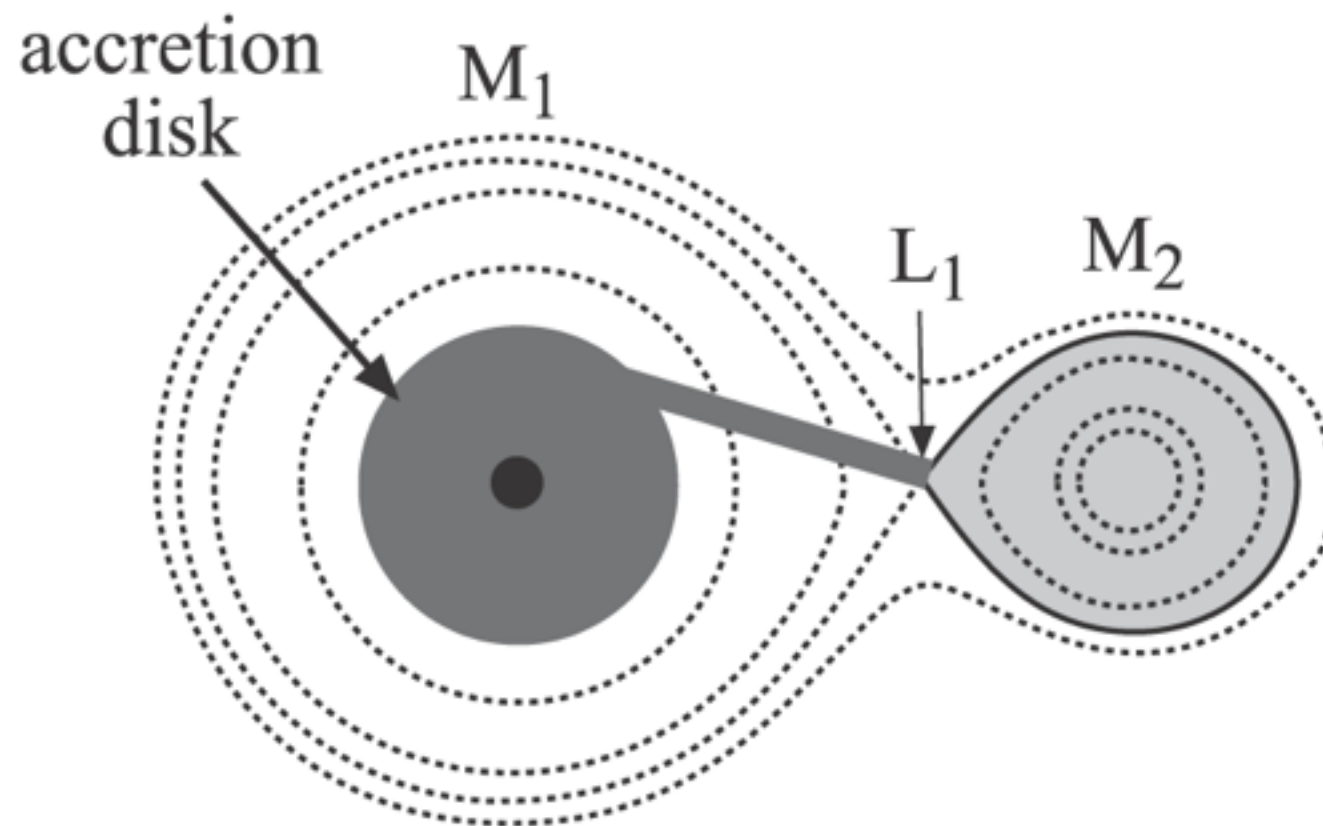


# Maoz Figure 4.13

*Dashed lines are contours of equal effective potential (“equipotentials”) in co-rotating reference frame.*

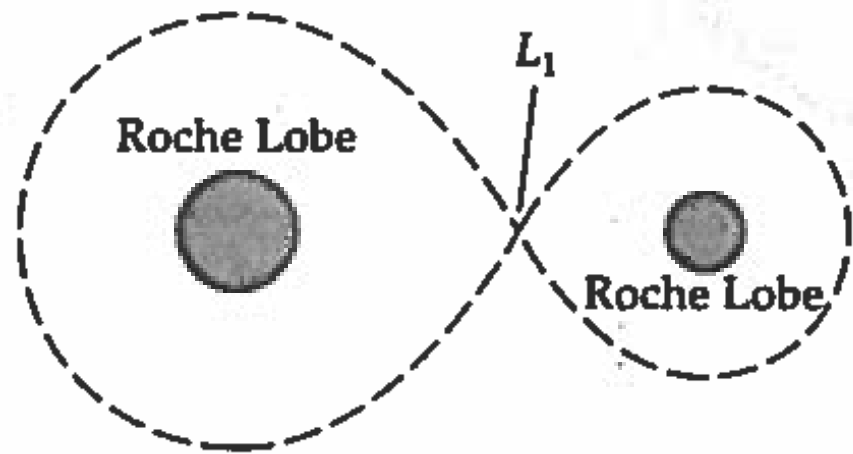


*Two stars, both fully enclosed inside their Roche Lobes, showing tidal distortions.*

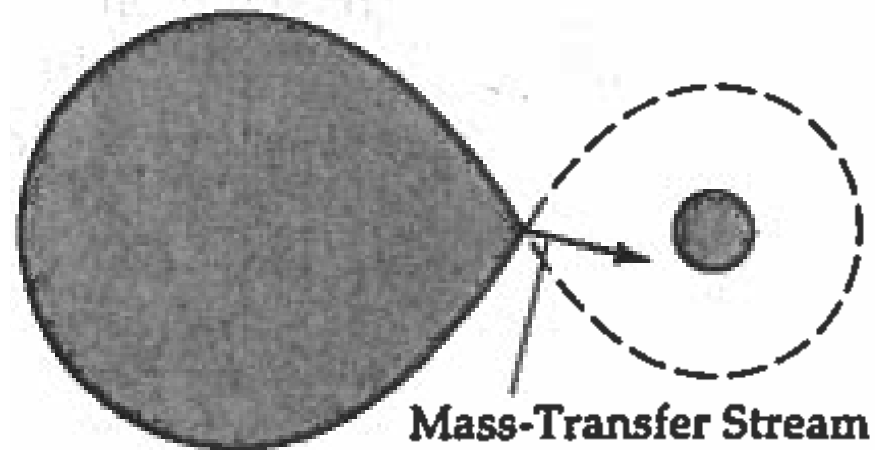


*One star that fills its Roche Lobe, and one “compact object” that accretes matter.*

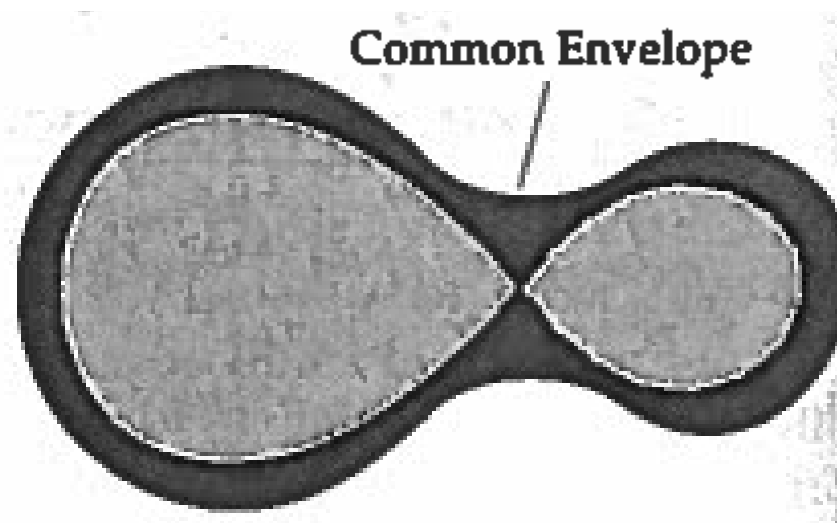
# Zeilik & Gregory Figure 12-12



“Fully Detached”



“Semi Detached”

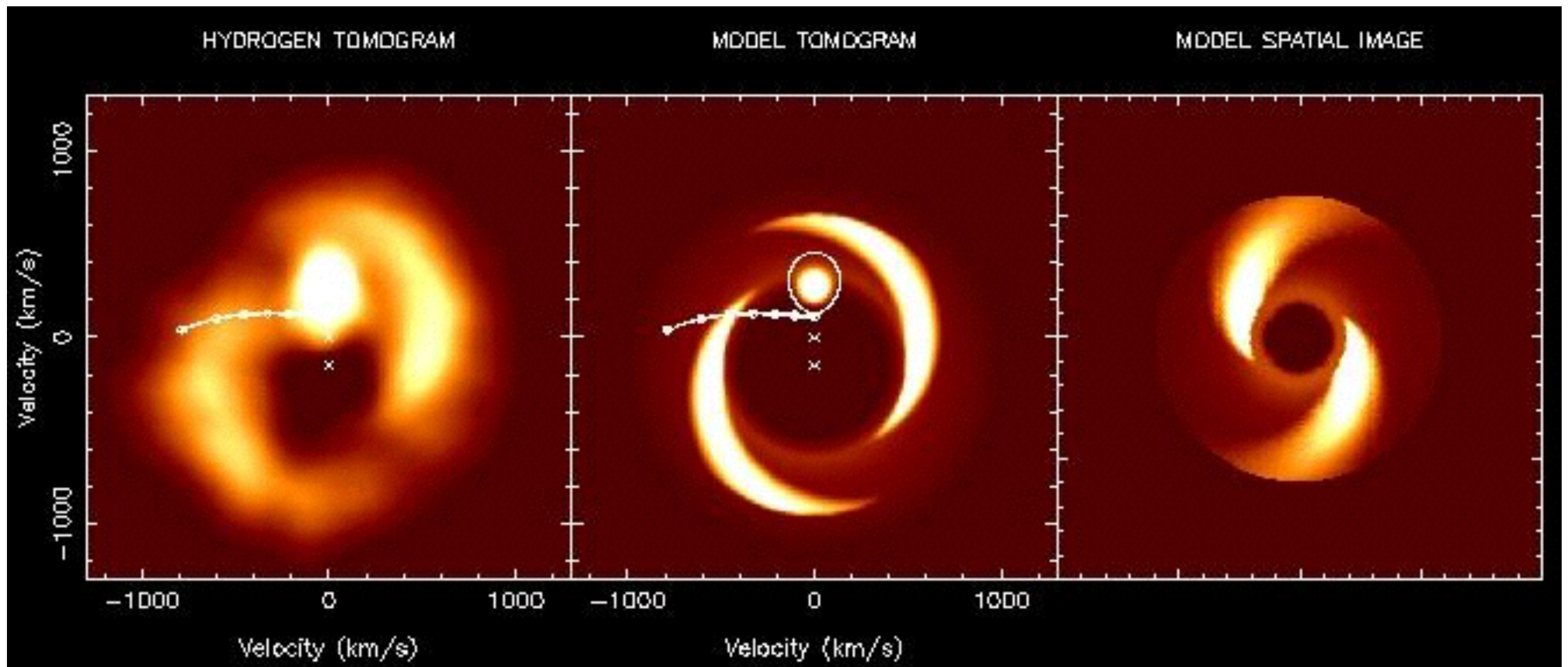


“Contact”

# The Accretion Disk of IP Pegasi

<https://arxiv.org/abs/astro-ph/9708005>

*Mon. Not. R. Astron. Soc. 290(1997)L28*



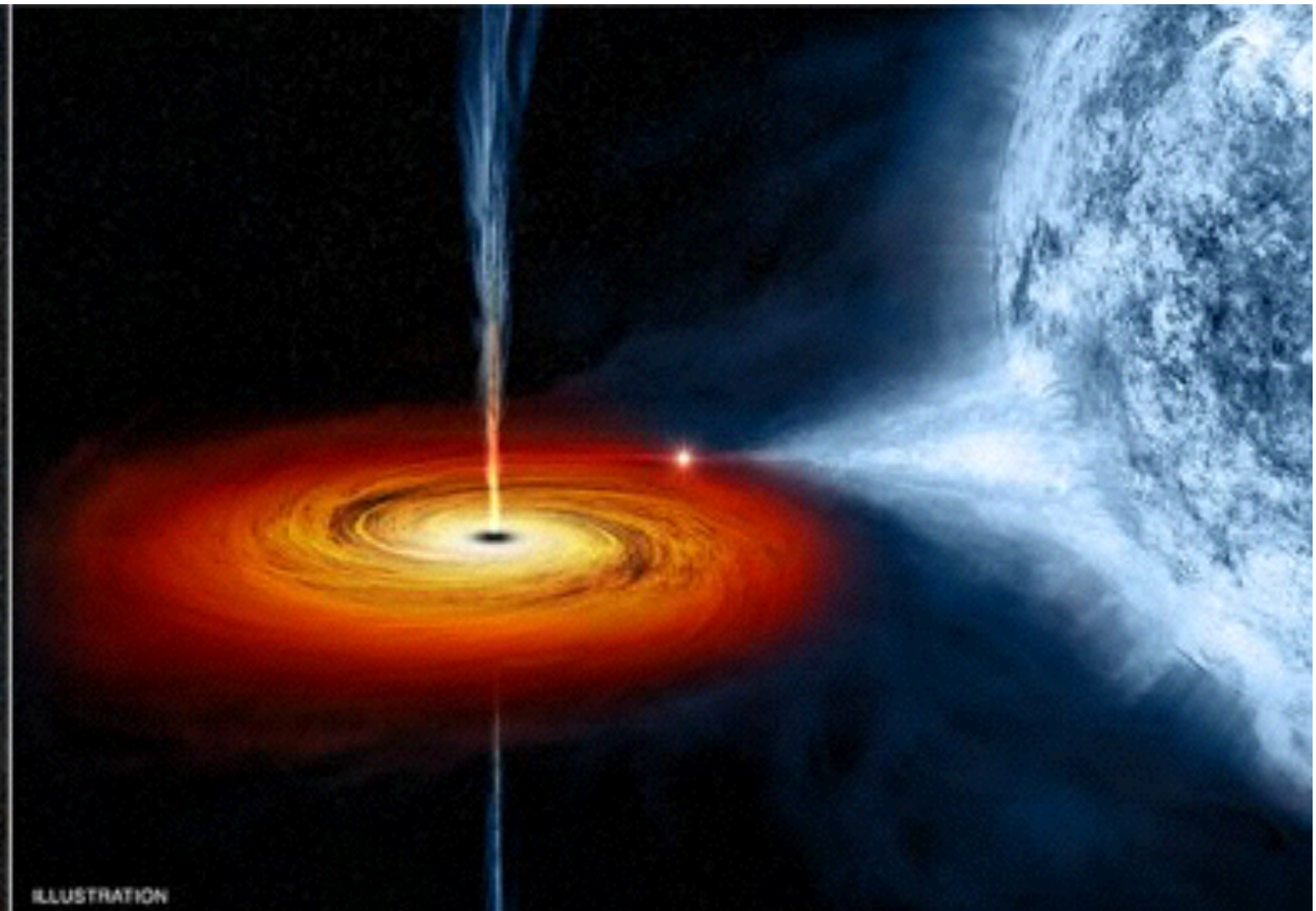


# Cygnus X-1 (NASA/Chandra)

Optical Image



Artist's Conception

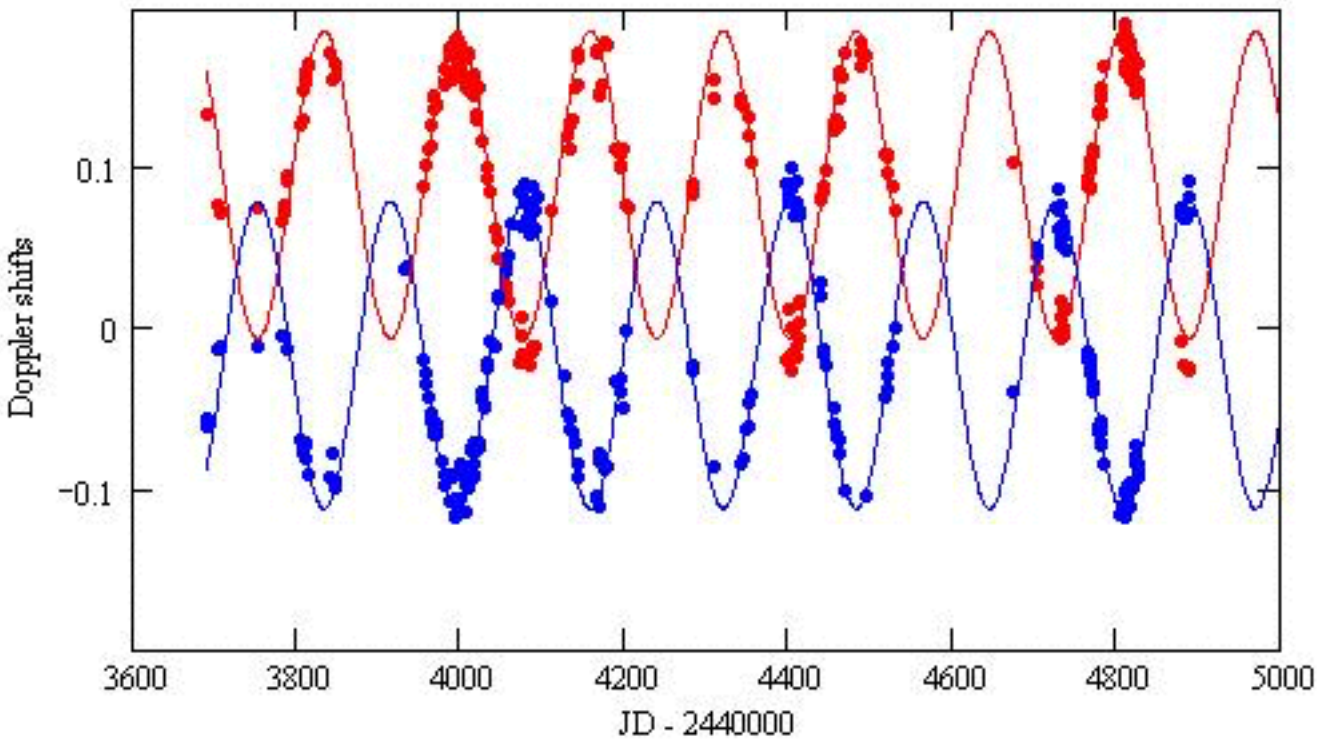
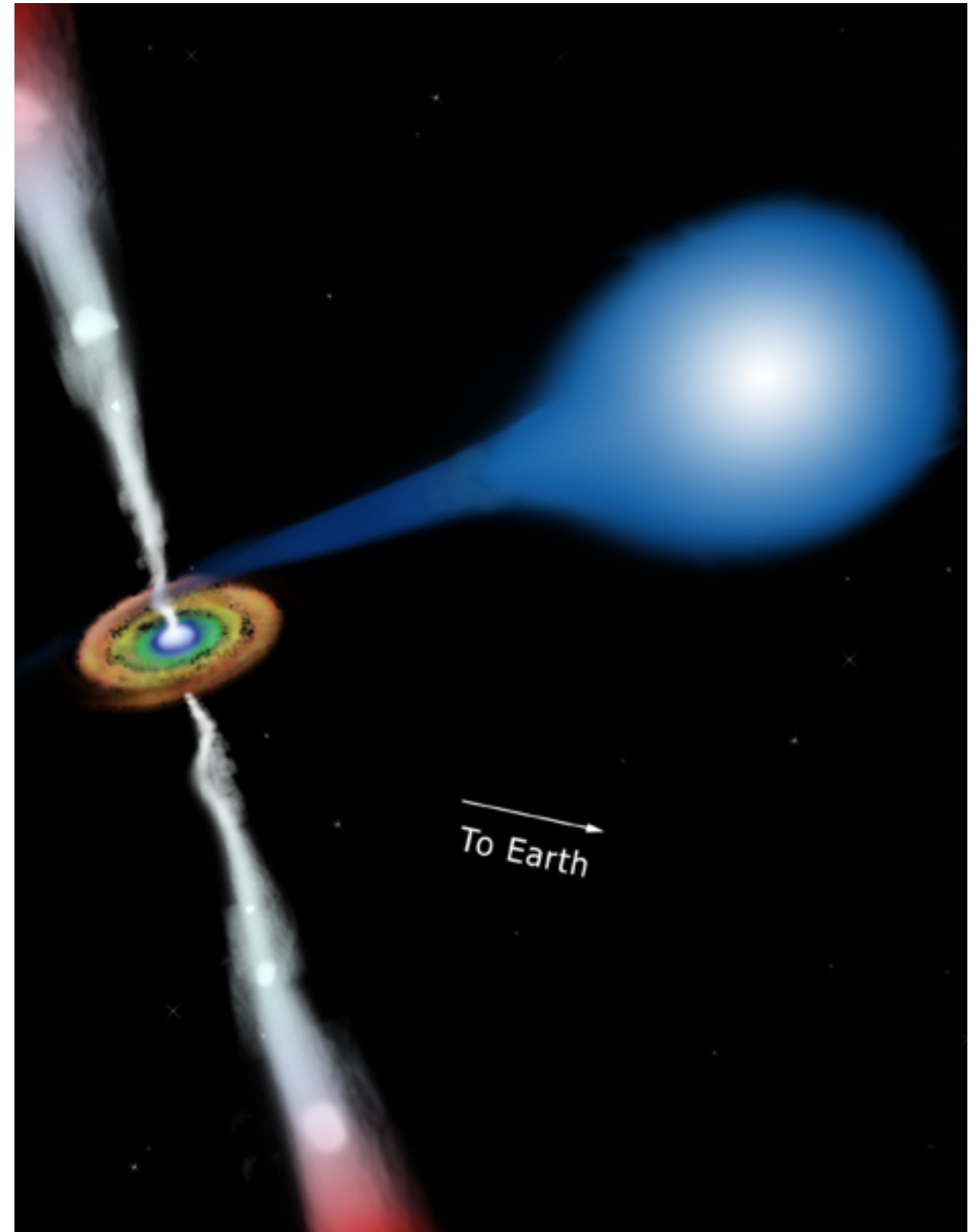
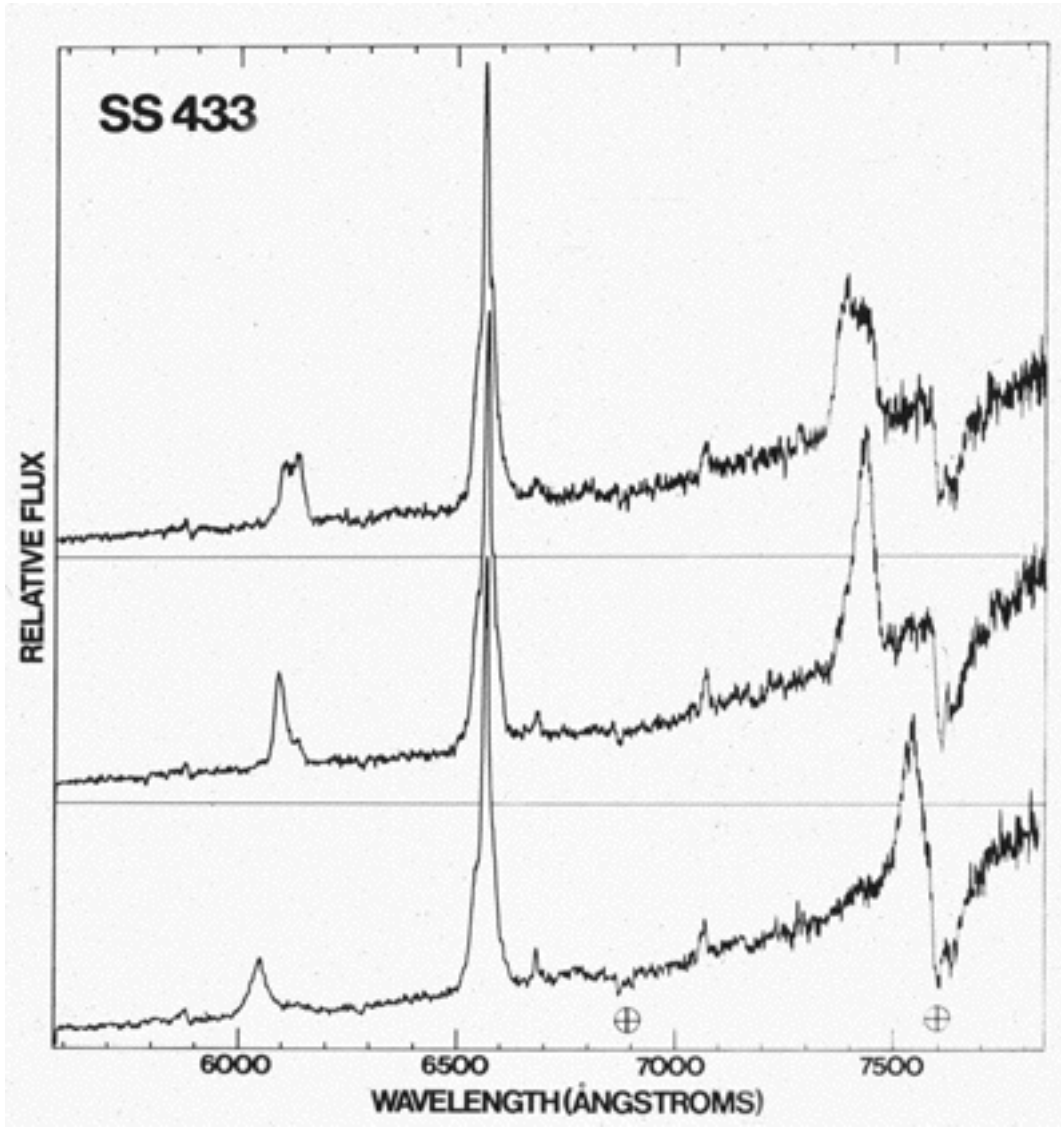


(Red Box)

*Massive companion star fills its Roche Lobe, matter falls into the "black hole" escapes along poles*

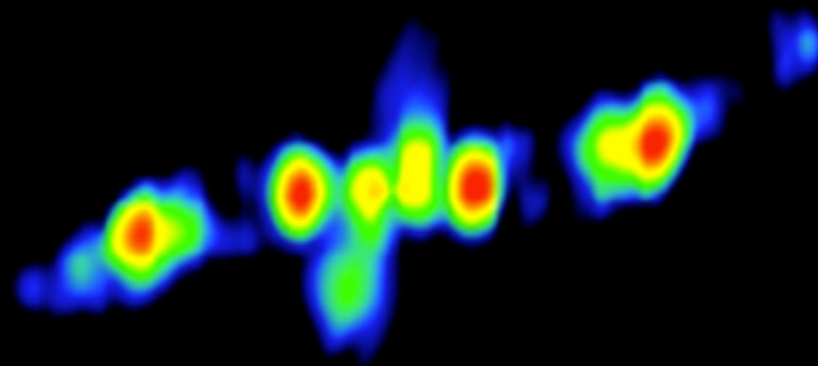


# SS433: Moving H-Lines



# VLBA observations of the X-ray binary SS 433

<https://www.youtube.com/watch?v=iz5UbKmvik>



250  
AU

0:12 / 0:16

