



南京大學

天文与空间科学学院

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# The evolution of the fallback disk

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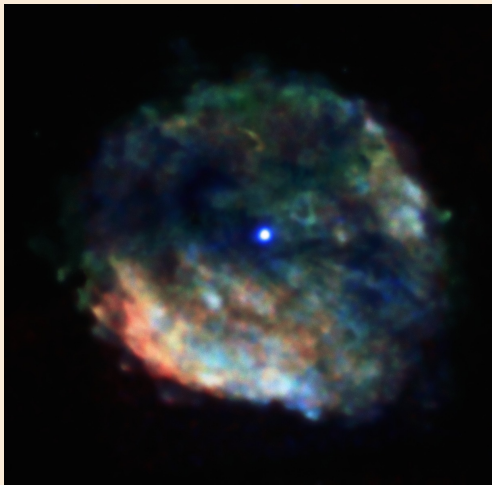
# RCW 103 & 1E161348-5055

$P \sim 6.67\text{h}$

Age  $\sim 1000\text{-}3000\text{ yr}$

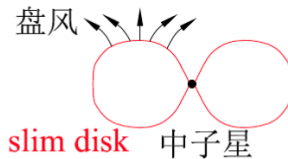
No optical/NIR counterpart

$\Rightarrow$  fallback disk

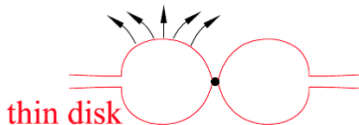


# The evolution of the fallbackdisk

第一阶段:



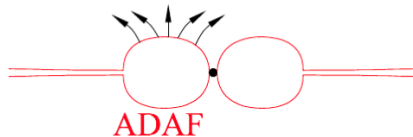
第二阶段:



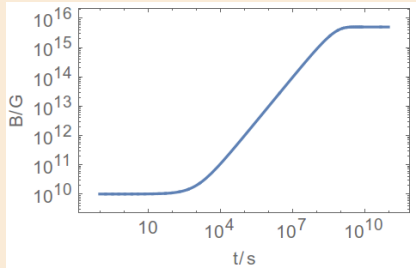
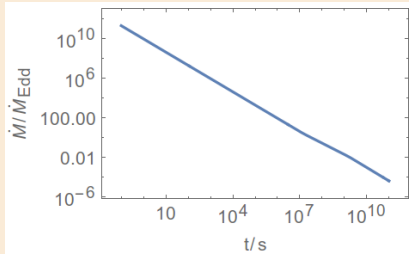
第三阶段:



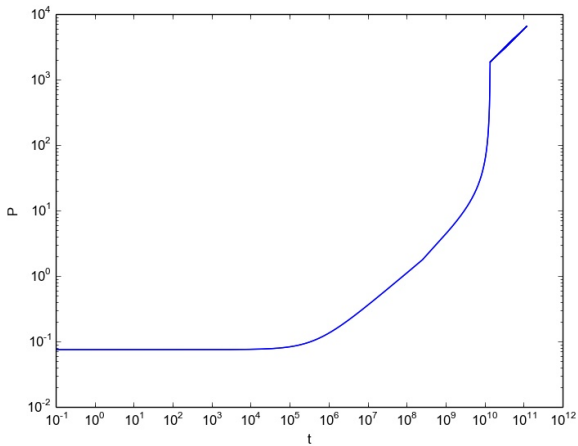
第四阶段:



# $\dot{M}(t)$ & $B(t)$



# The evolution of $P$





THANK YOU