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At least some disks evolve "from the inside out." Does this apply more generally, or can disks dissipate in a variety of ways?



BIMA Subarcsecond-Imaging of MWC 480

MWC 480 (HD 31648);

Iviai 13, 2007

Herbig Ae star: sp. type = A2/3; M = 2.3 M_{\odot}; d ~140 pc; age = 3-6 Myrs

Declination (J2000)



 $Flux = 210 \pm 15 mJy$ *Jet-like* emission = 30 mJy

Mar 15, 2007





Intermediate-Mass Stars

> Jupiter-like planet candidate in the Circumstellar disk of HD 141569A (Clampin et al. 2003)

Non-Keplerian rotational disk around AB Aurigae (A. Dutrey, 2005)

Mar 15, 2007



Best fit models of disk observations



mstellar Disks In T Tauri Systems



- $\boldsymbol{\cdot}$ Resolved Disks
- Small-scale continuum emission dominated (< 1")

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- Surrounded by large scale molecular disk.
- Disk masses: 0.001-0.1 M_☉
- \cdot Disk radii: \sim 50-1000 AU
- Density in disk is a shallow function with radius.

Looney et al. 2002