

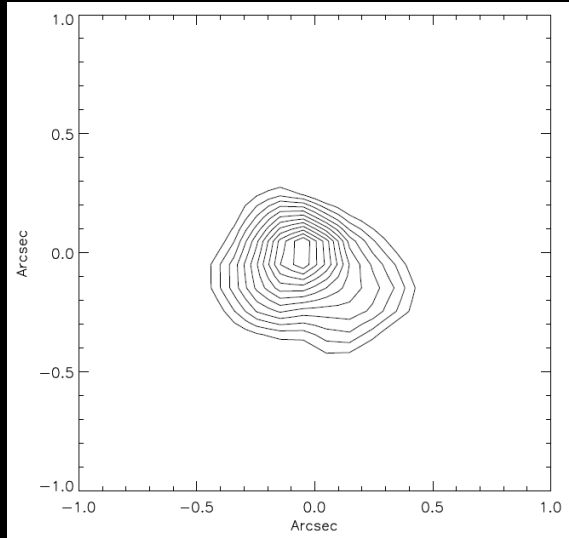
# VLTI / MIDI Observations of the Massive Protostellar Candidate NGC 3603 IRS 9A

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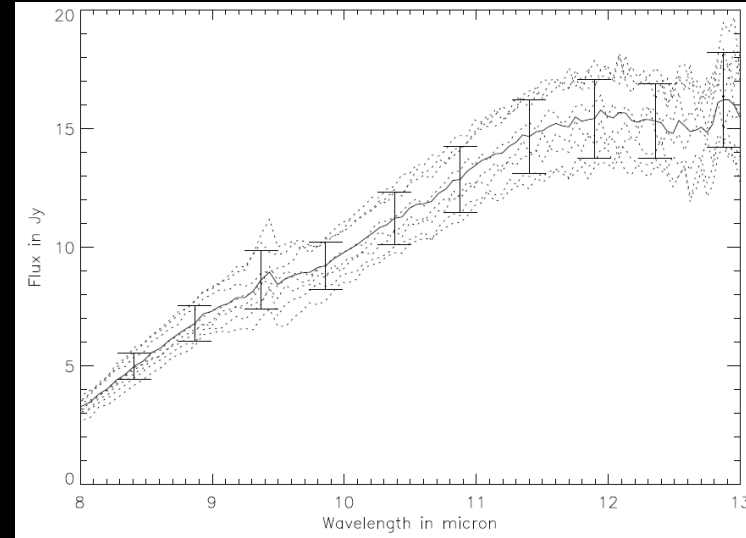


Photo:  $J_sHK_s$  from ISAAC, ESO

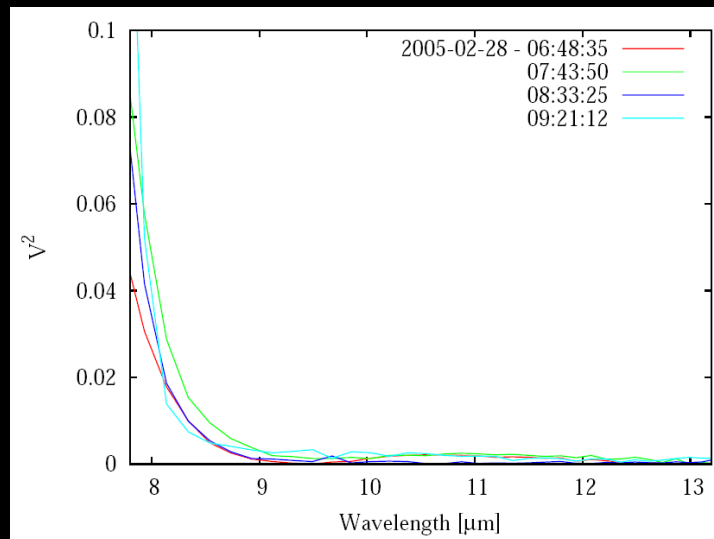
# IRS 9A as seen by MIDI



Already partly resolved in acquisition image



Featureless spectrum which can be reproduced by a black body of  $\approx 250$  K



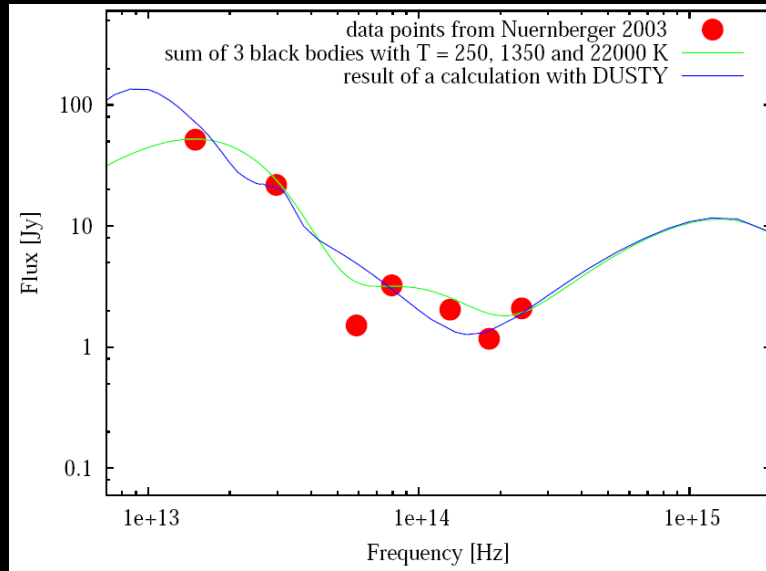
IRS 9A is completely resolved above a wavelength of 9  $\mu\text{m}$ .

Below 9  $\mu\text{m}$  there is a steep rise of the visibility, but the largest values are only of the order of 0.1.

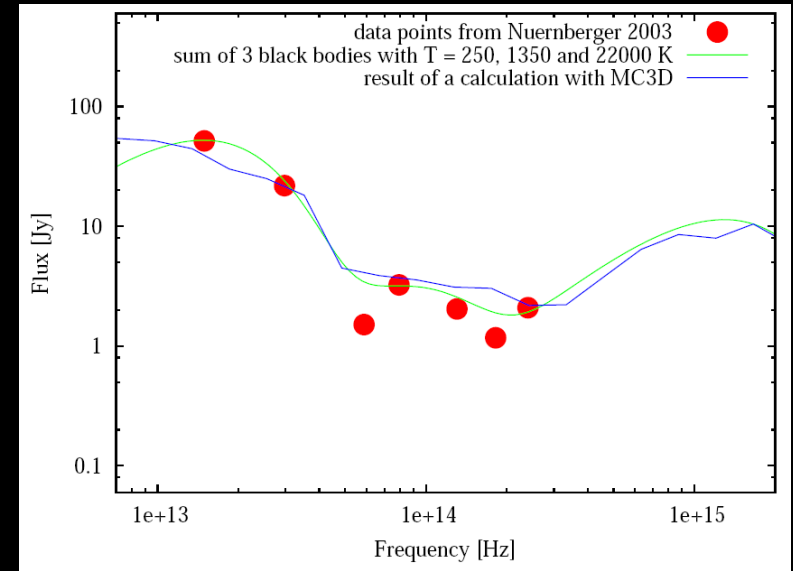
# Current modelling efforts with DUSTY and MC3D

Models for the SED:

Left: DUSTY  
Right: MC3D



DUSTY: Ivezić et al. 1999



MC3D: Wolf et al. 1999 and Wolf 2003

Models for the visibility:

Left: DUSTY  
Right: MC3D

