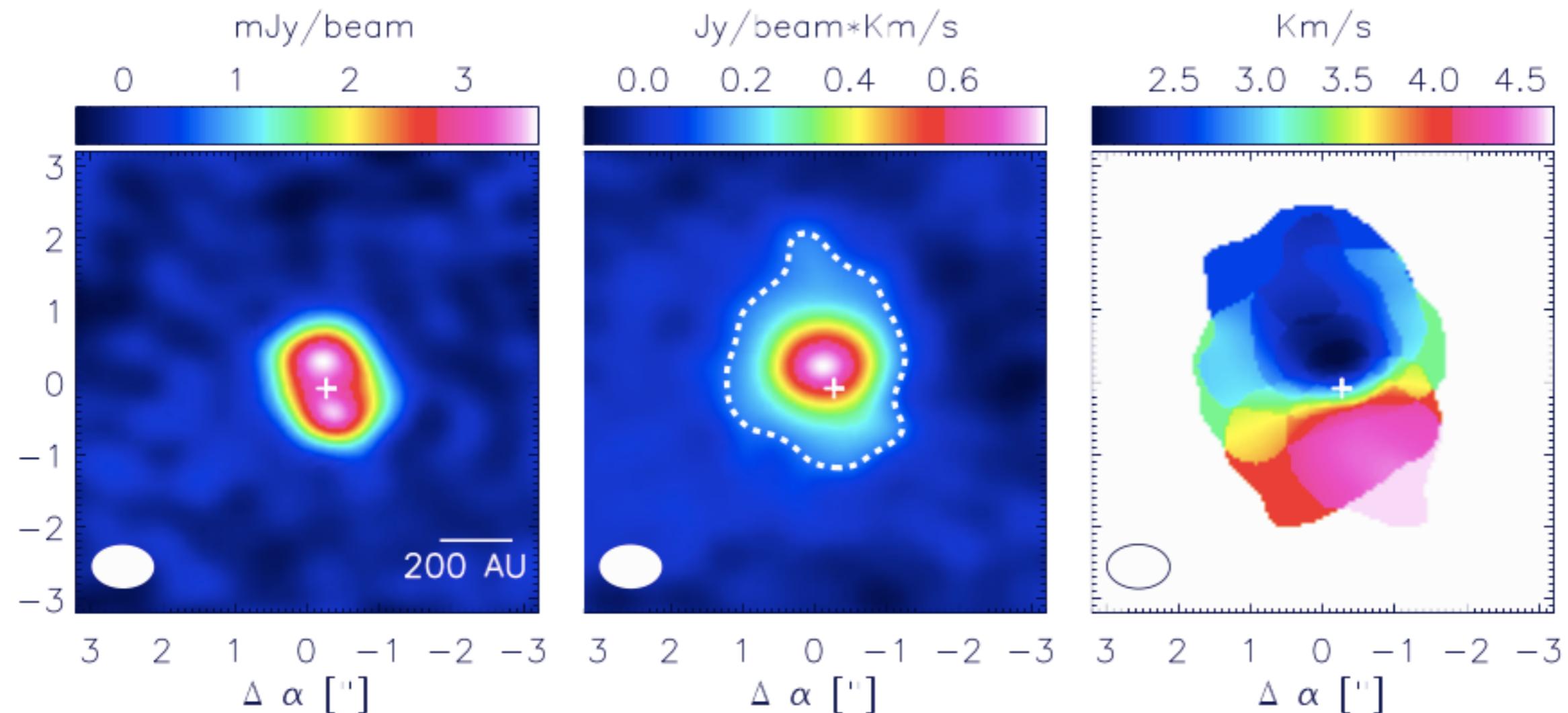


Star Formation News Letter  
No. 268 (2015 April)  
#11 (Canovas)-#15(Dierickx)

2015.5.8 花輪 知幸

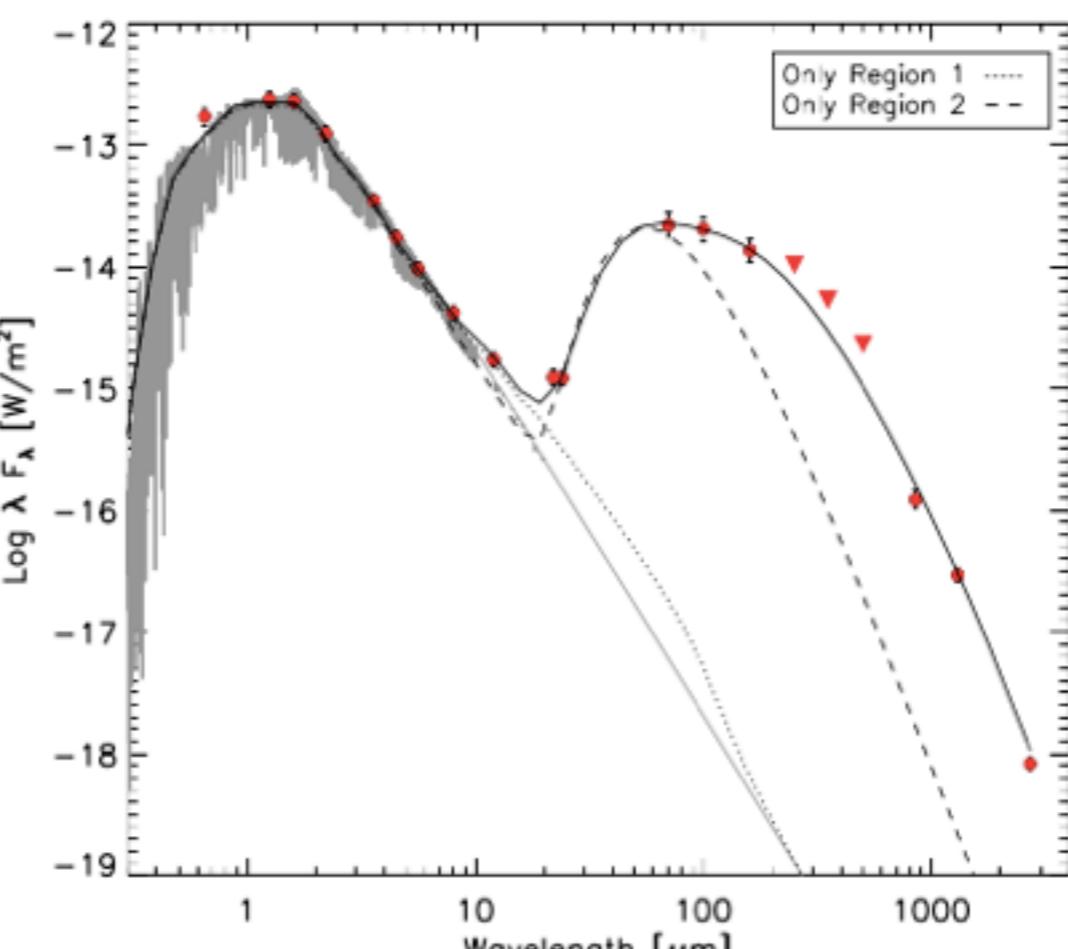
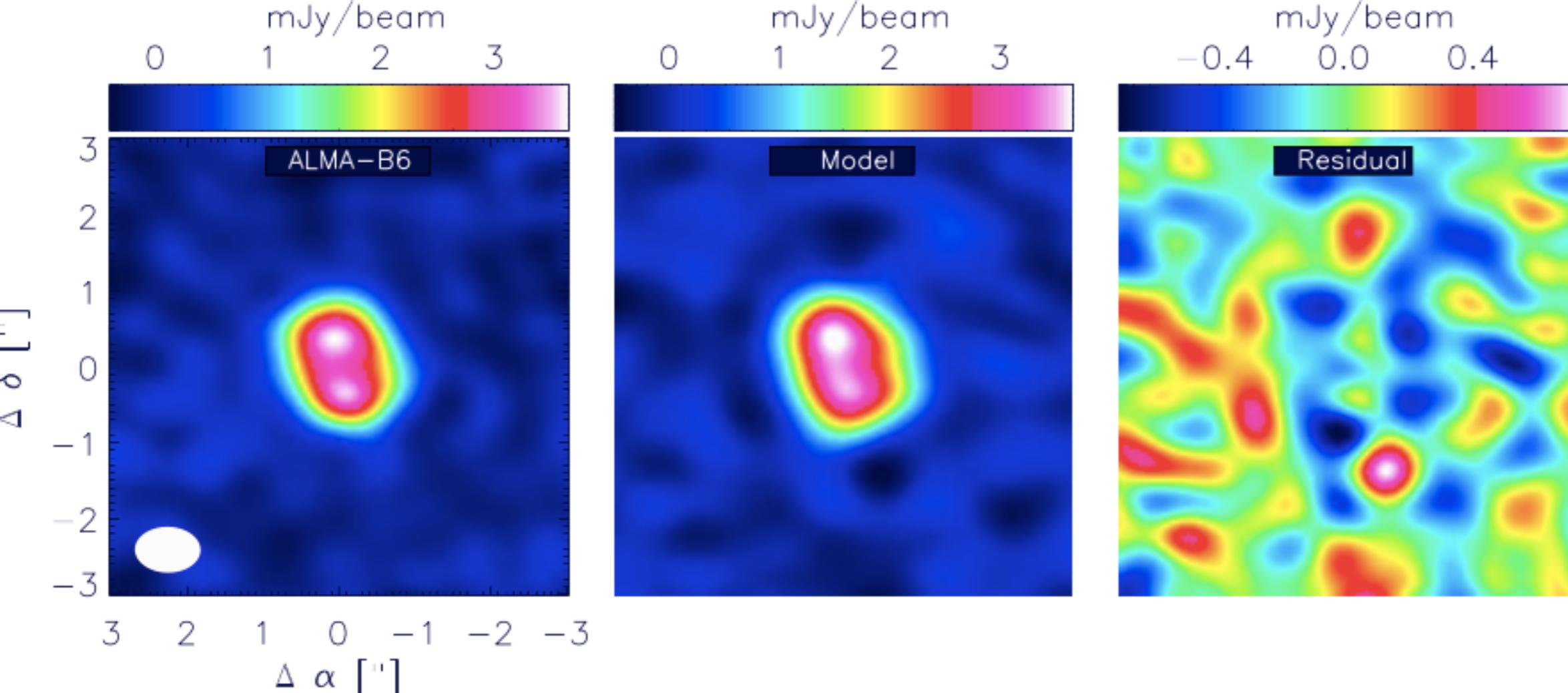
# Gas inside the 97 au cavity around the transition disk Sz 91

H. Canovas et al. to appear in ApJ



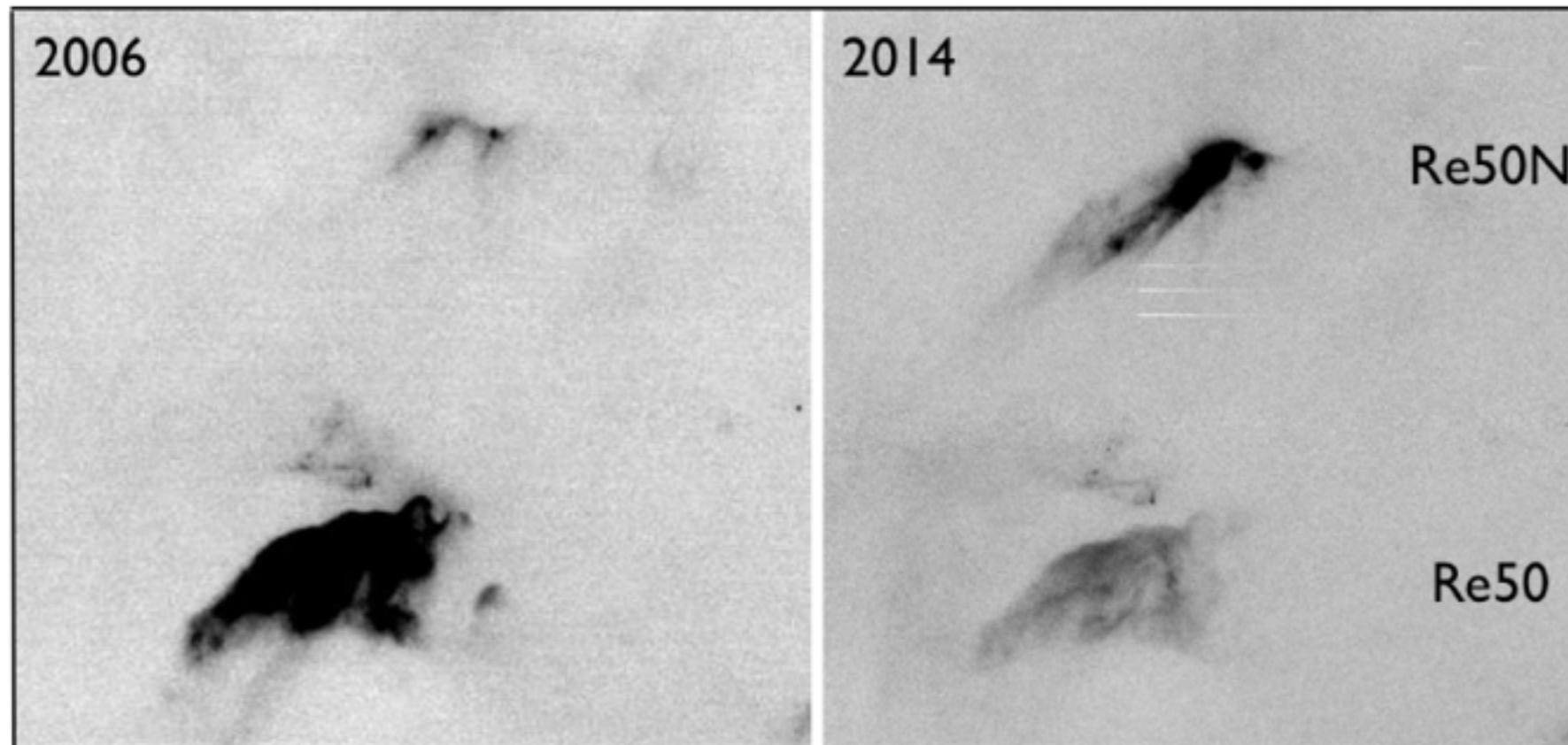
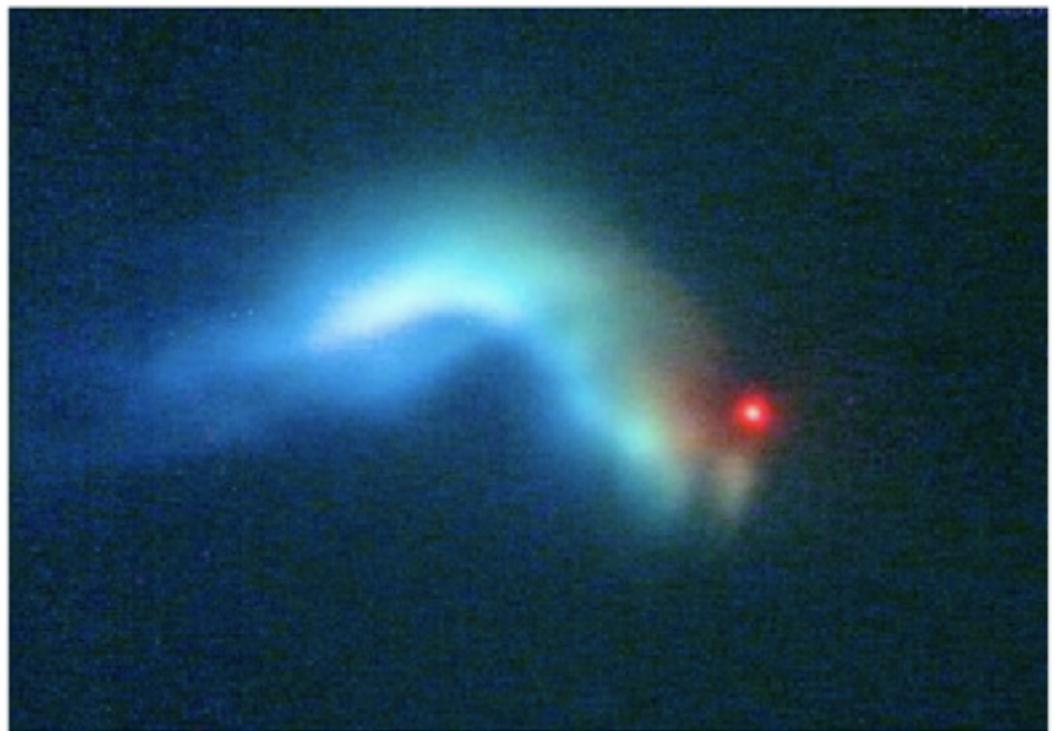
ALMA Band 6, (左) 連続波, (中央) Moment 0, (右) Moment  $^{12}\text{CO}$

塚越さんが詳しいらしい, Tsukagoshi+13, Lupus



# The Brightening of Re50N: Accretion Event or **Dust Clearing?**

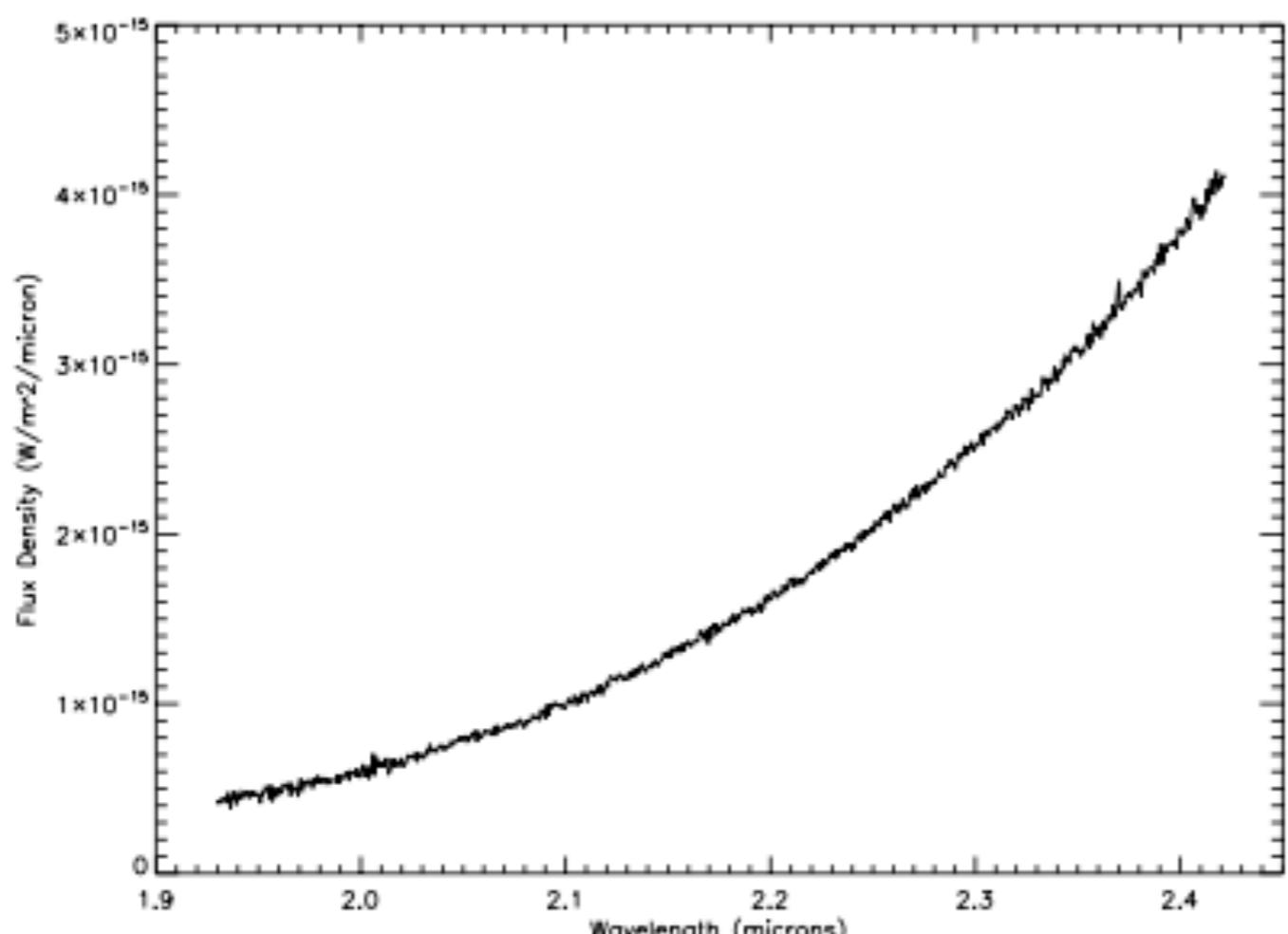
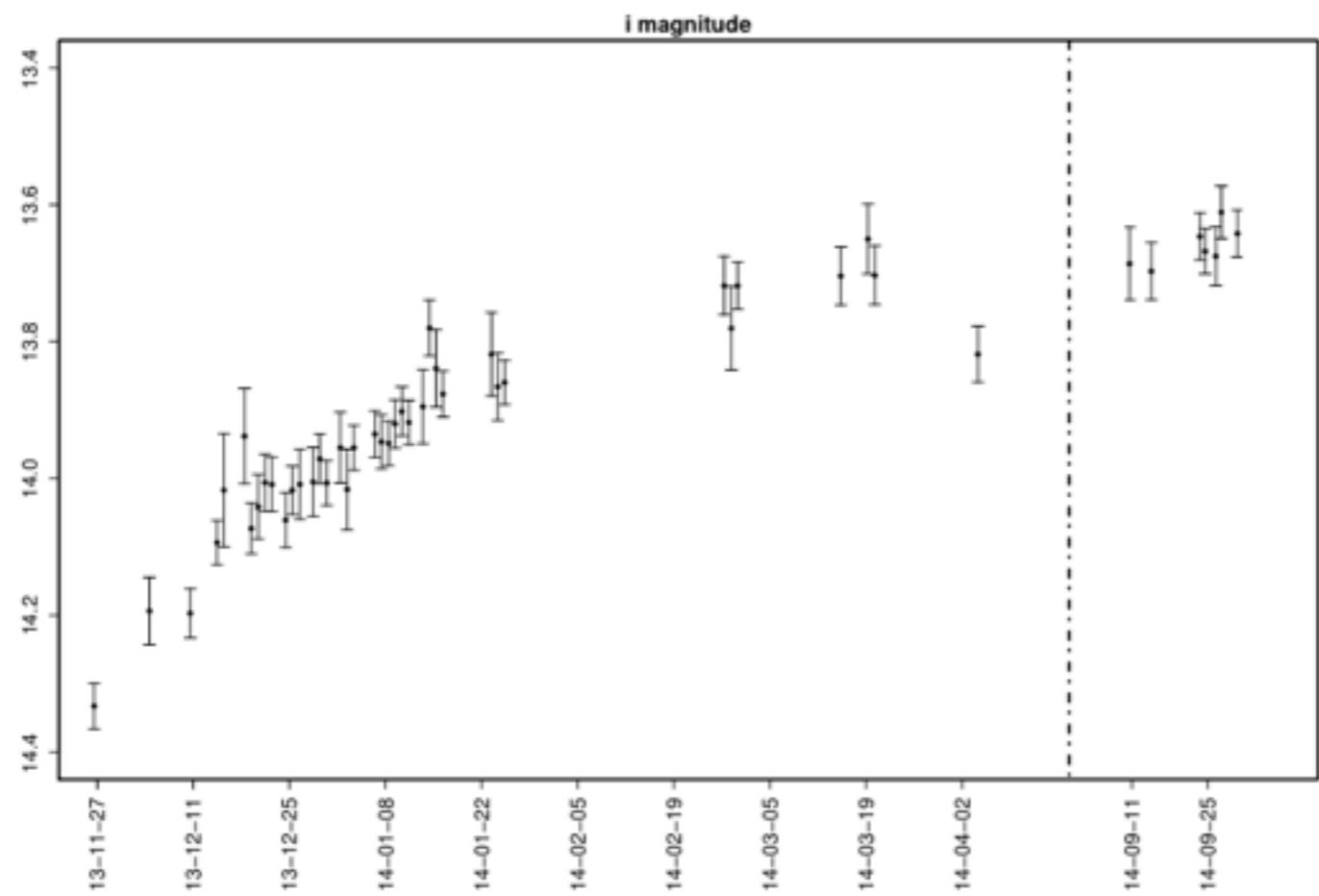
Hsin-Fang Chiang et al. to appear in  
ApJ



JHK

HBC 494 is  
visible only  
in K (red).

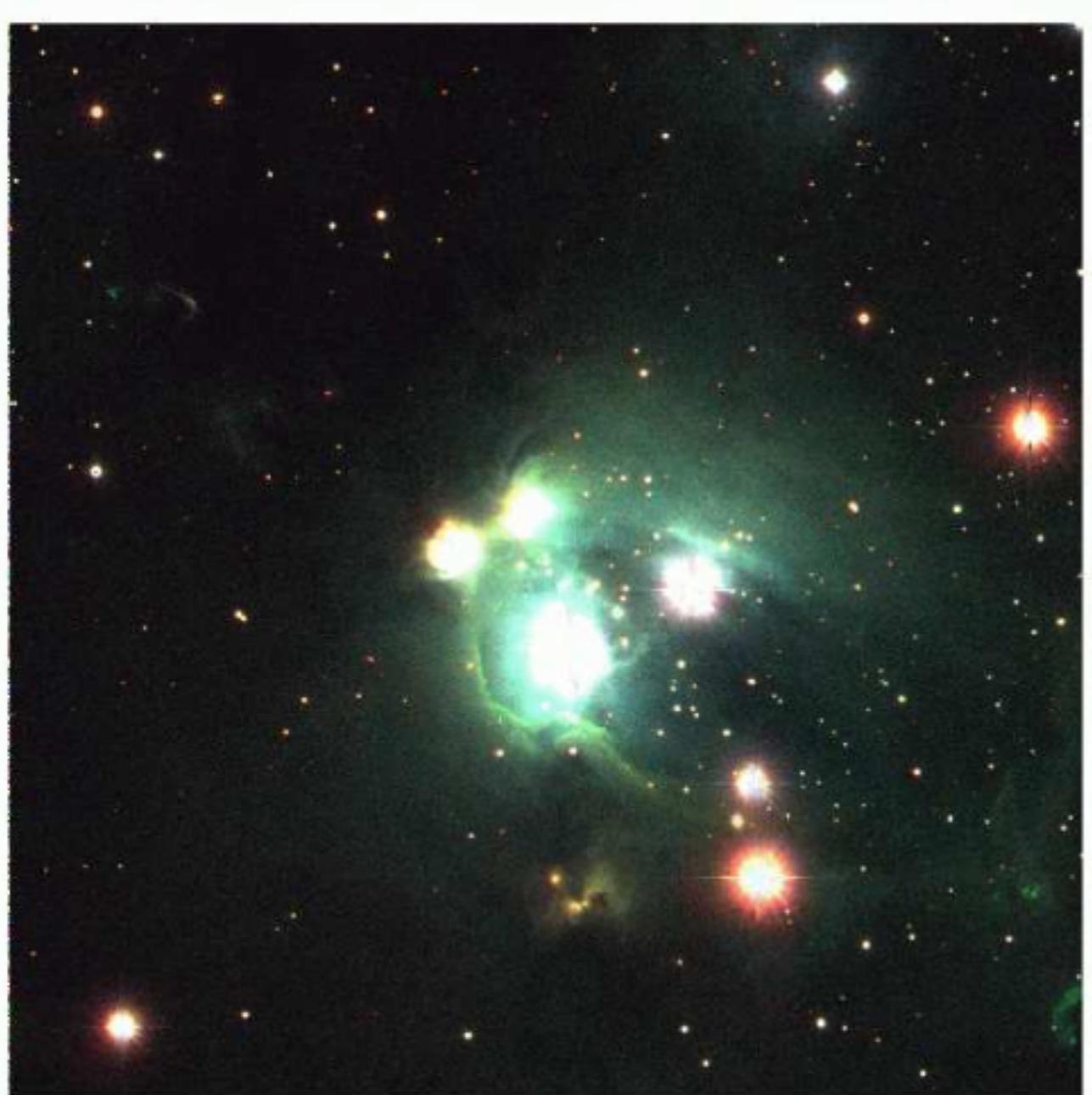
Re=Reipurth



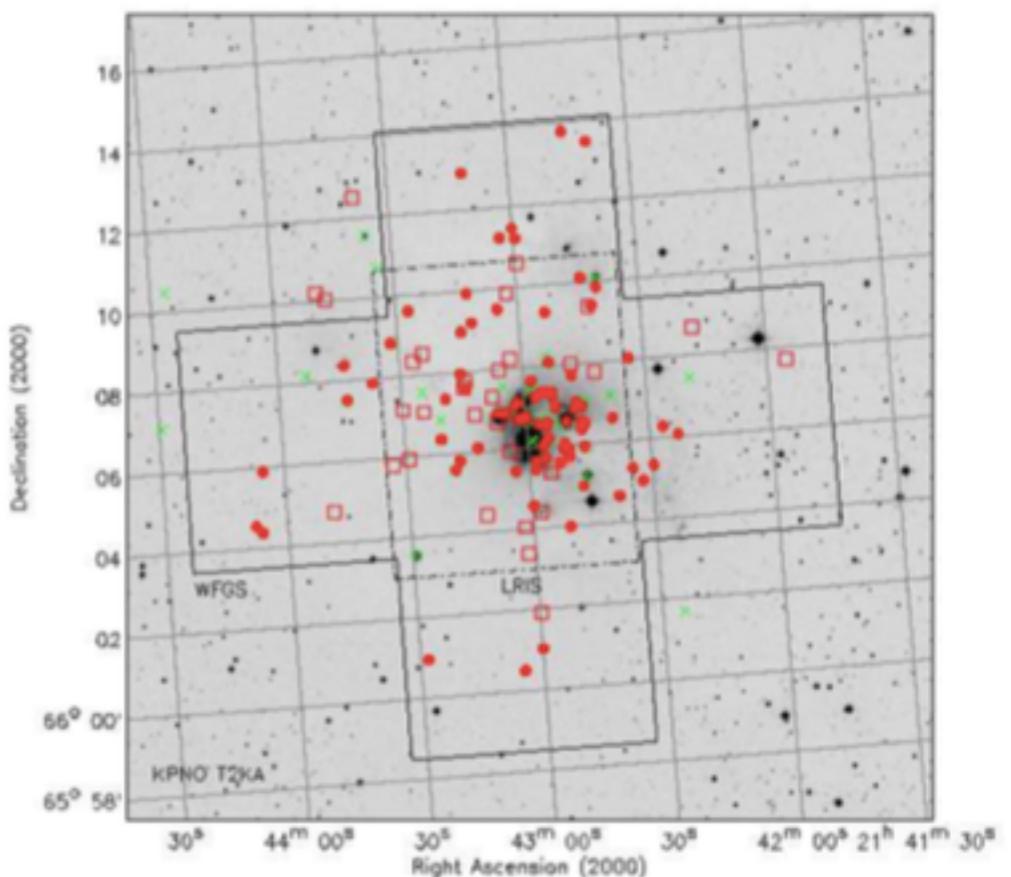
HBC494  
featureless cont.

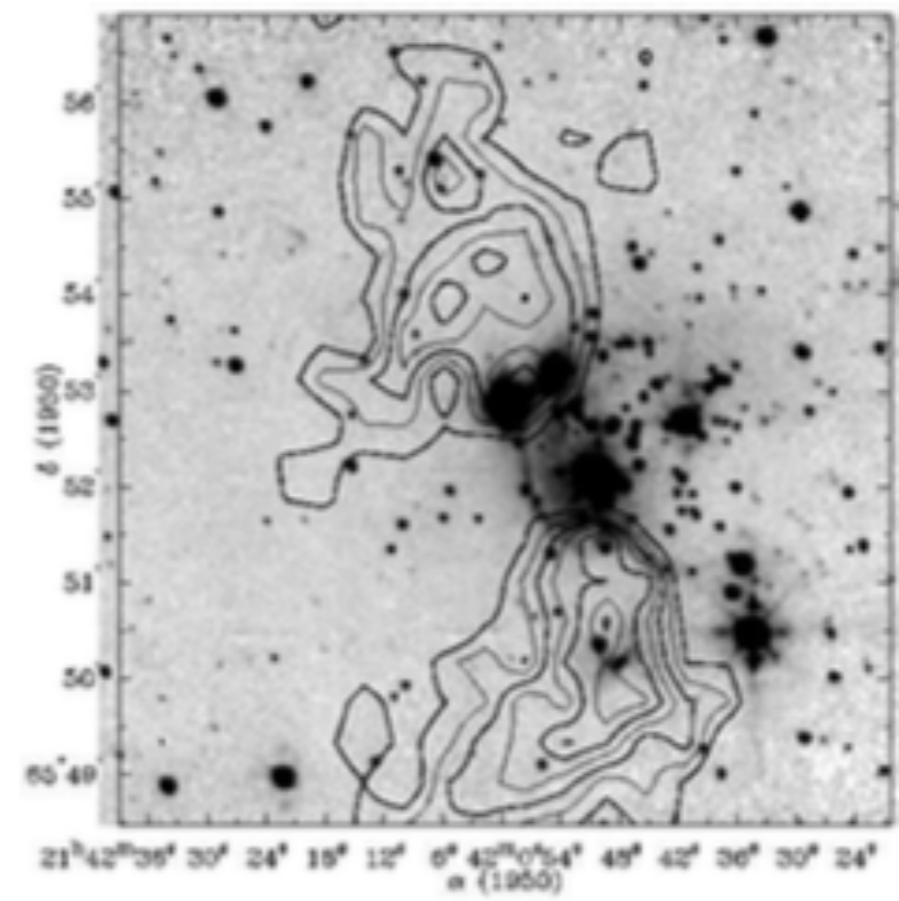
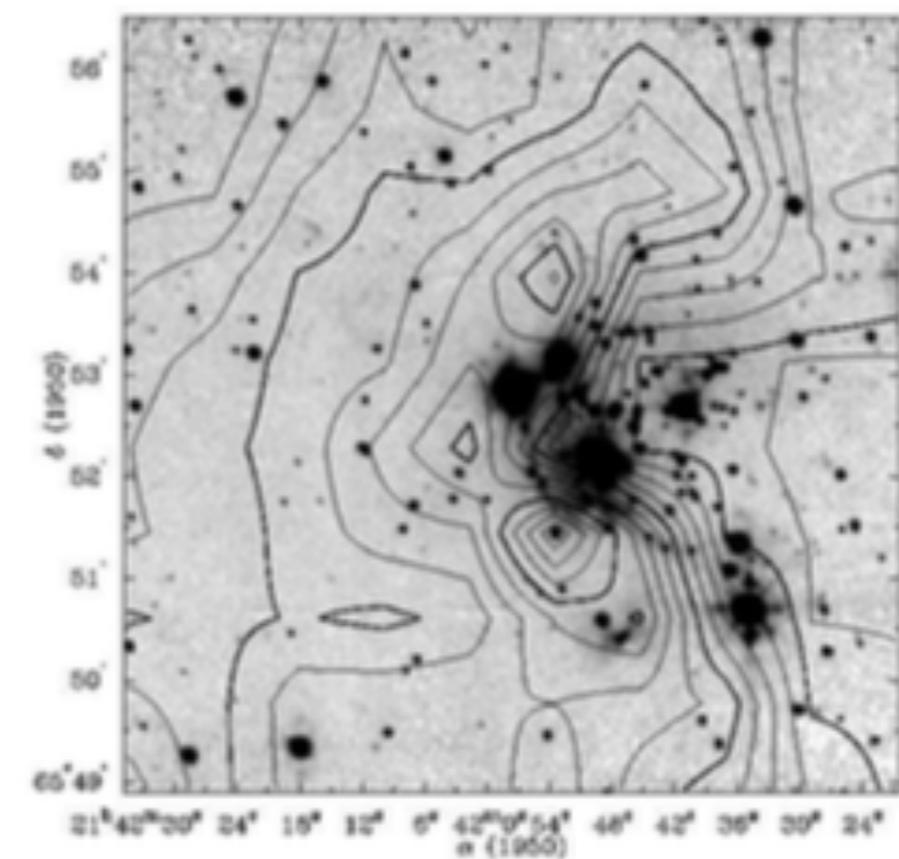
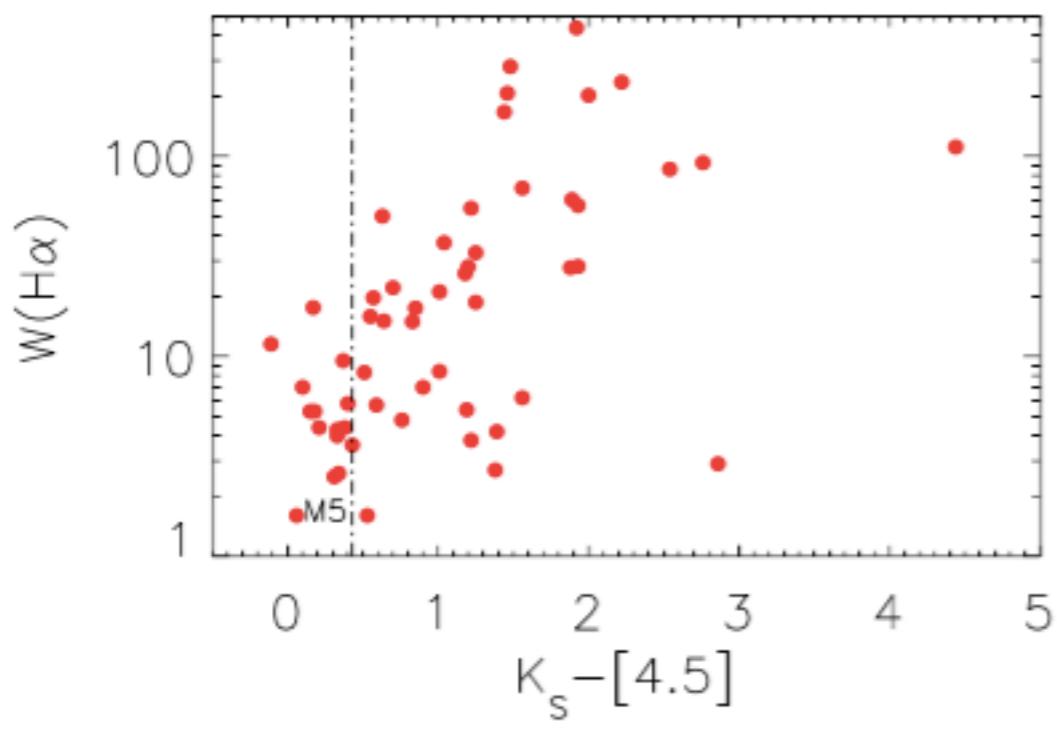
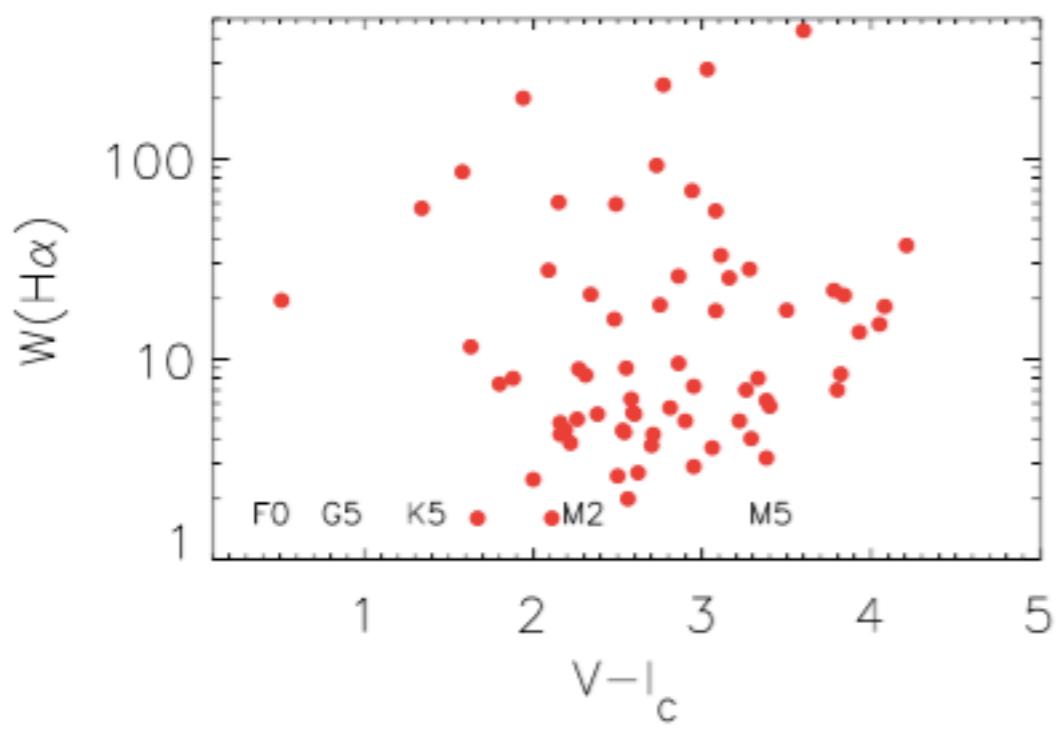
# An Optical Survey of the Partially Embedded Young Cluster in NGC 7129

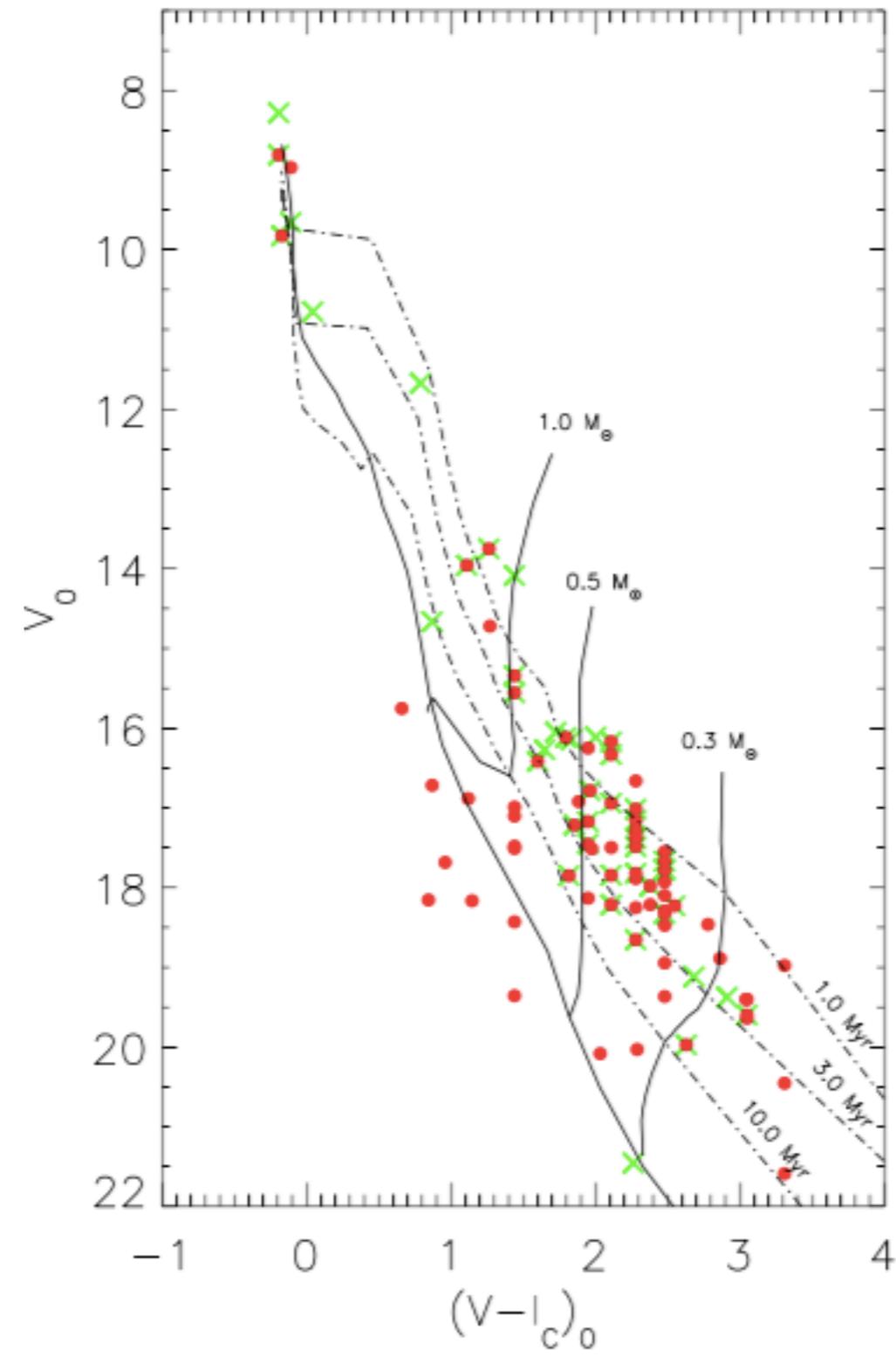
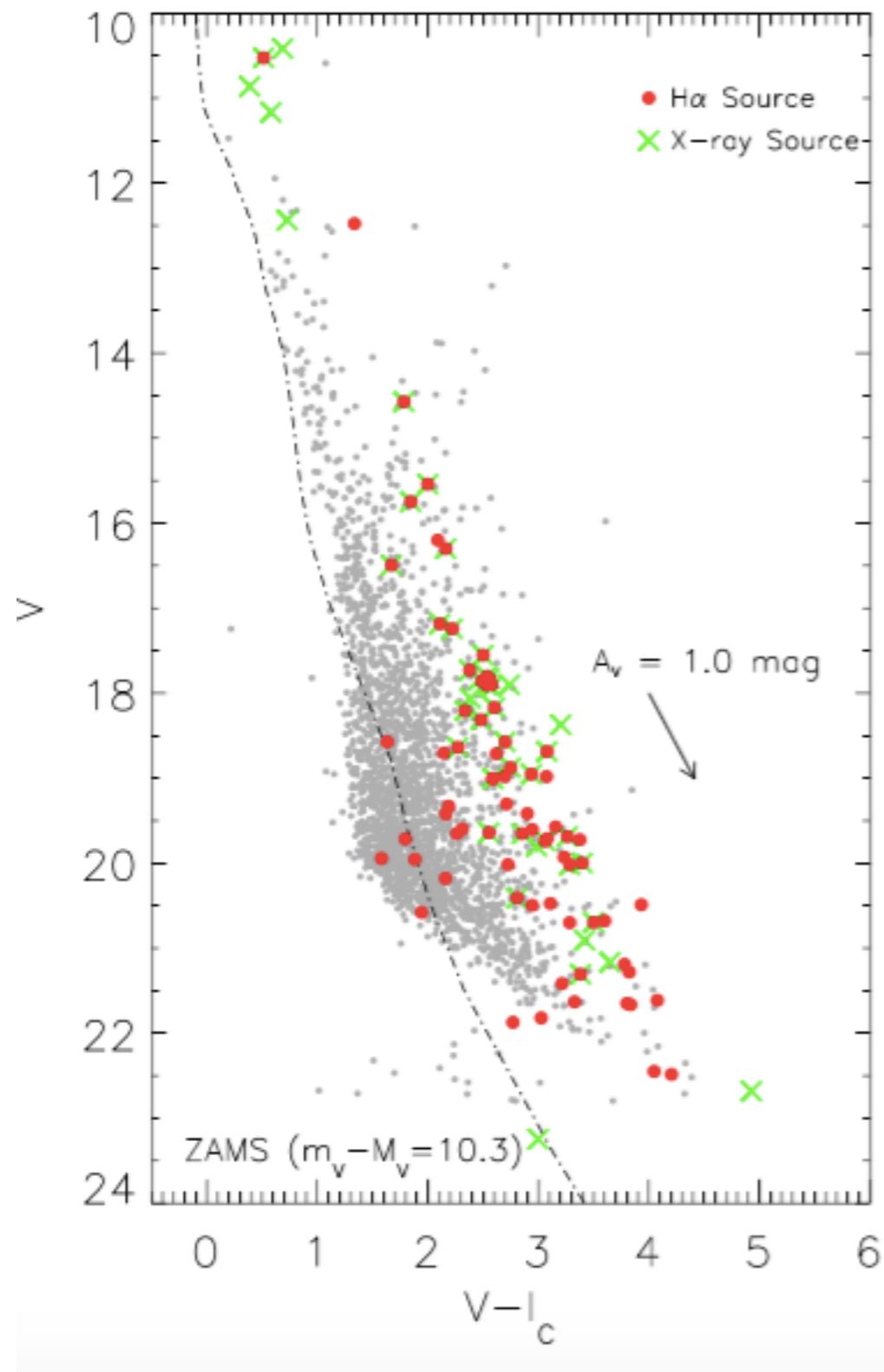
S. E. Dahm, L. A. Hillenbrand, to appear in AJ



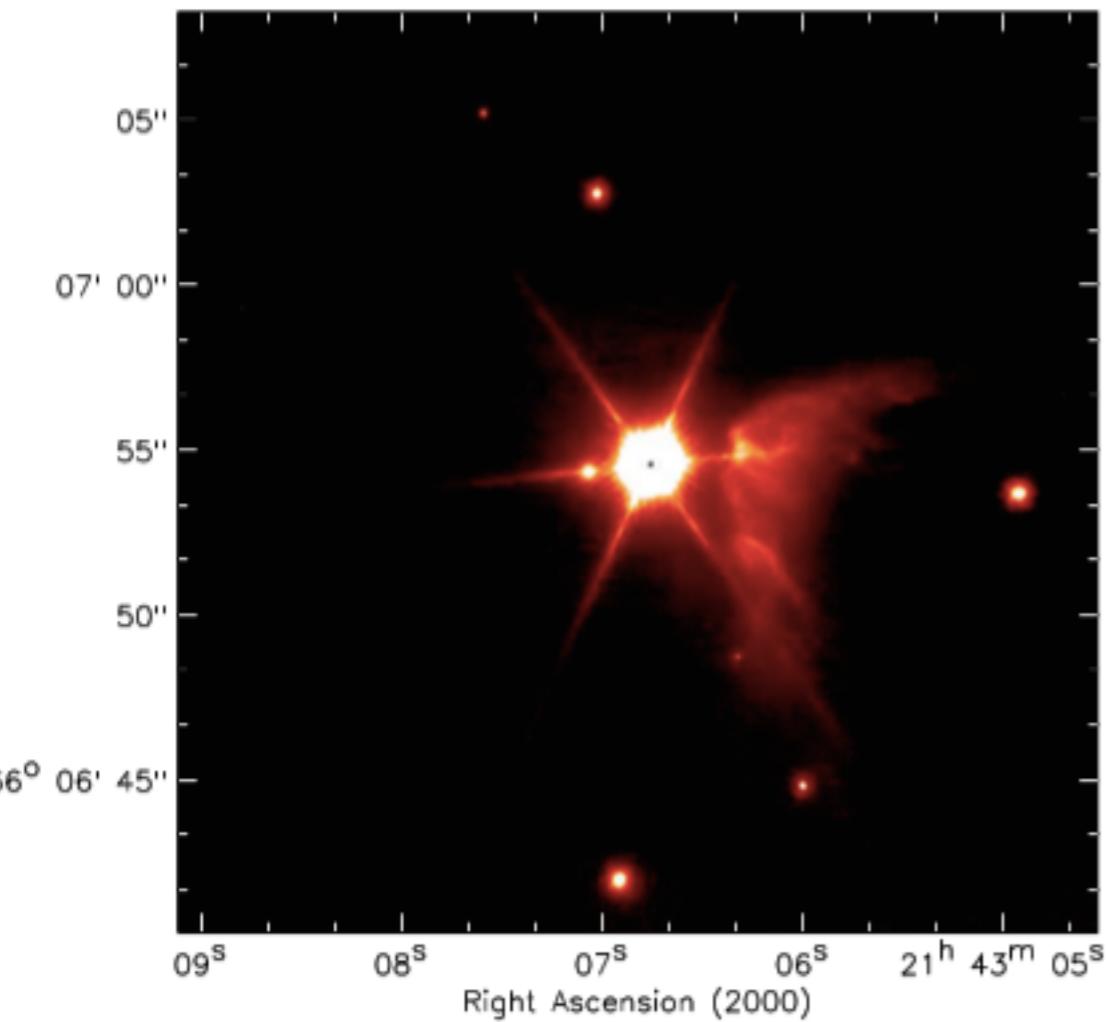
BD+65°1638 (B3V),  
BD+65°1637 (B3e),  
SVS 13 (B5e),  
LkH $\alpha$  234 (B8e).  
 $\sim$ 80 H $\alpha$  emitting stars ( $V < 23$ )





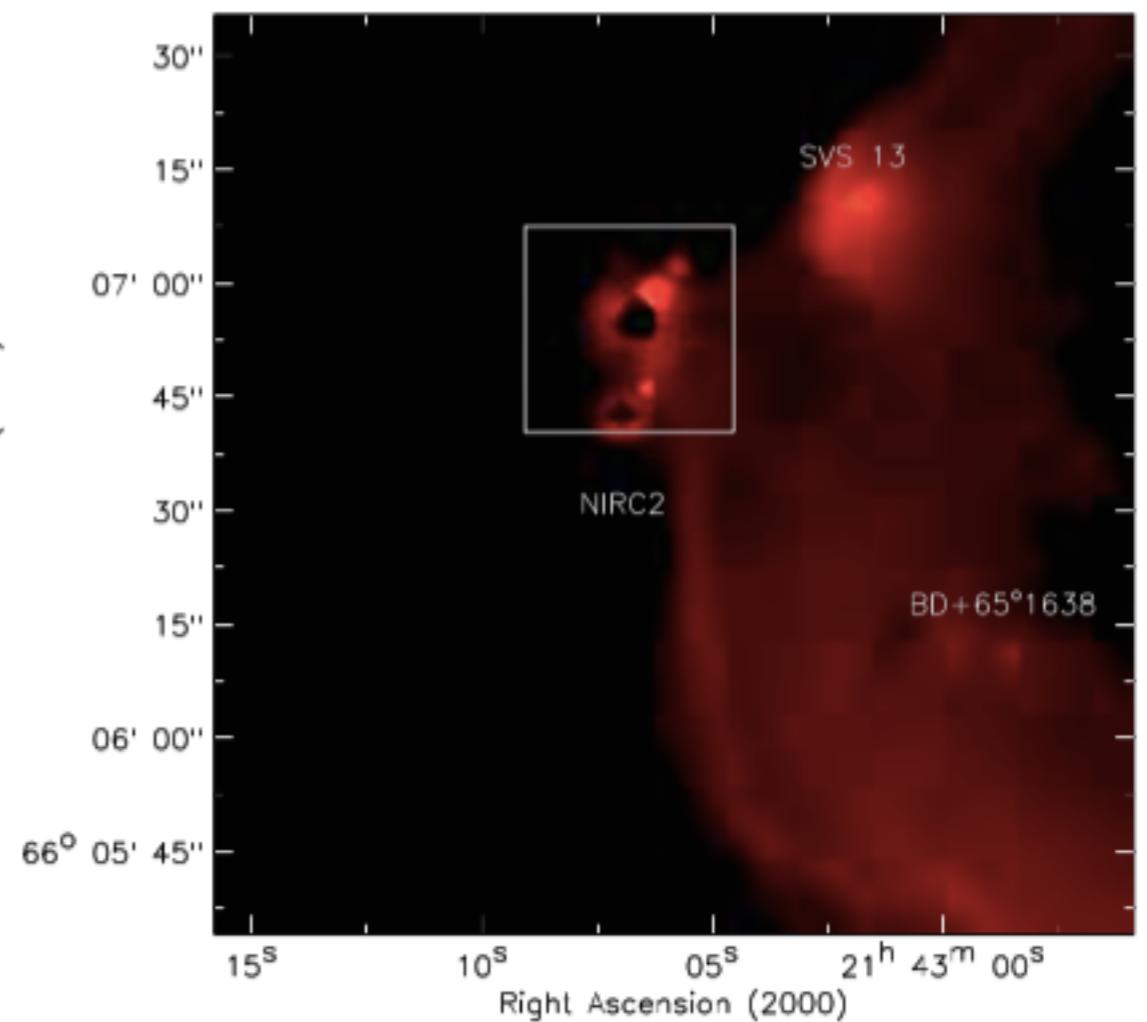


Declination (2000)



K' image centered near LkH $\alpha$  234

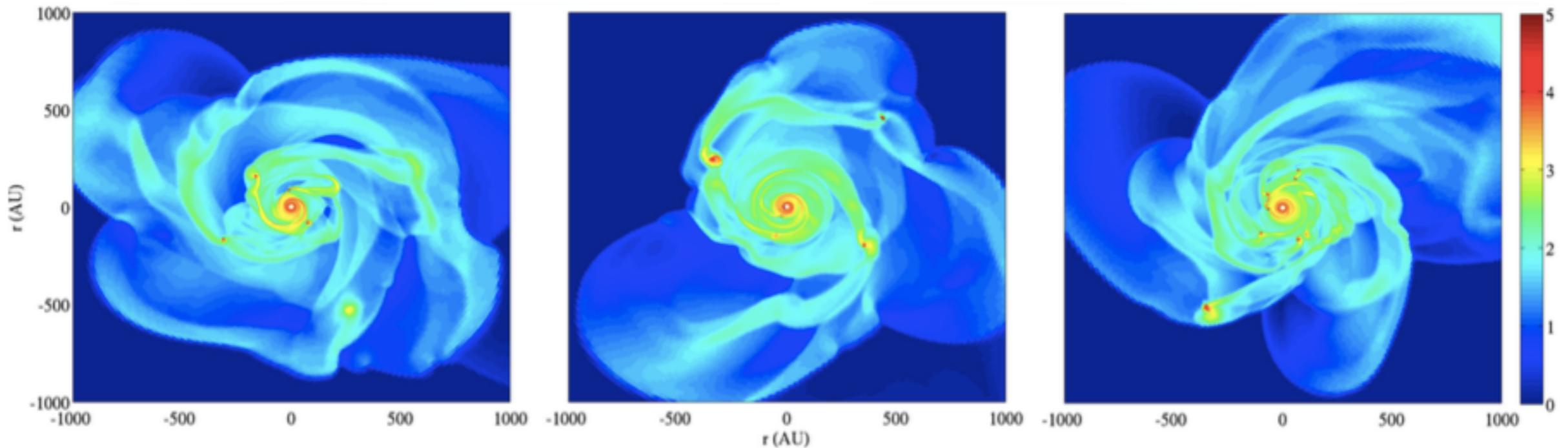
Declination (2000)



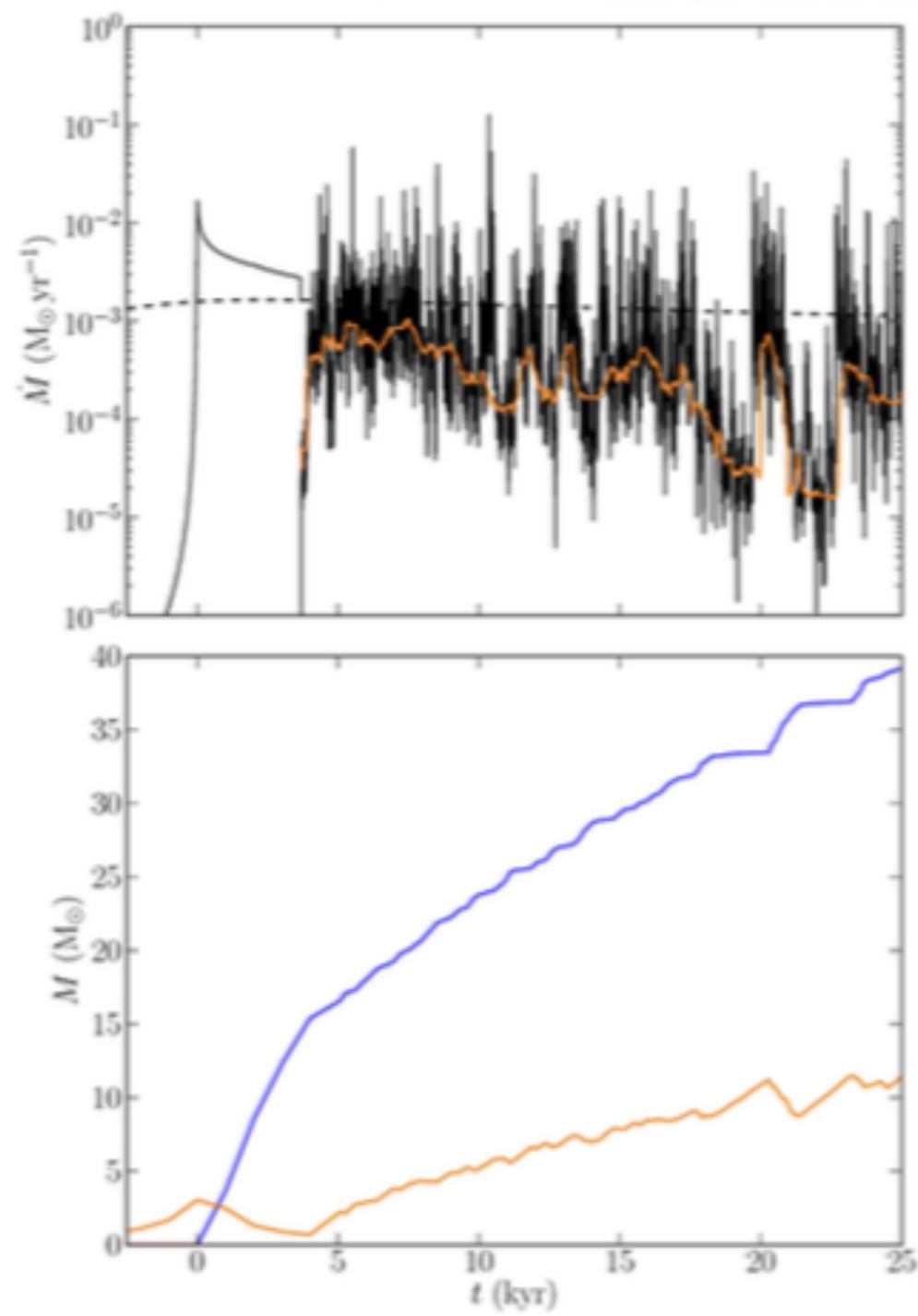
Spitzer IRAC [5.8] post BCD image  
centered near LkH $\alpha$  234.

# The luminosity of Population III star clusters

A. L. DeSouza & S. Basu, MNRAS, 450, pp. 295-304 (2015)

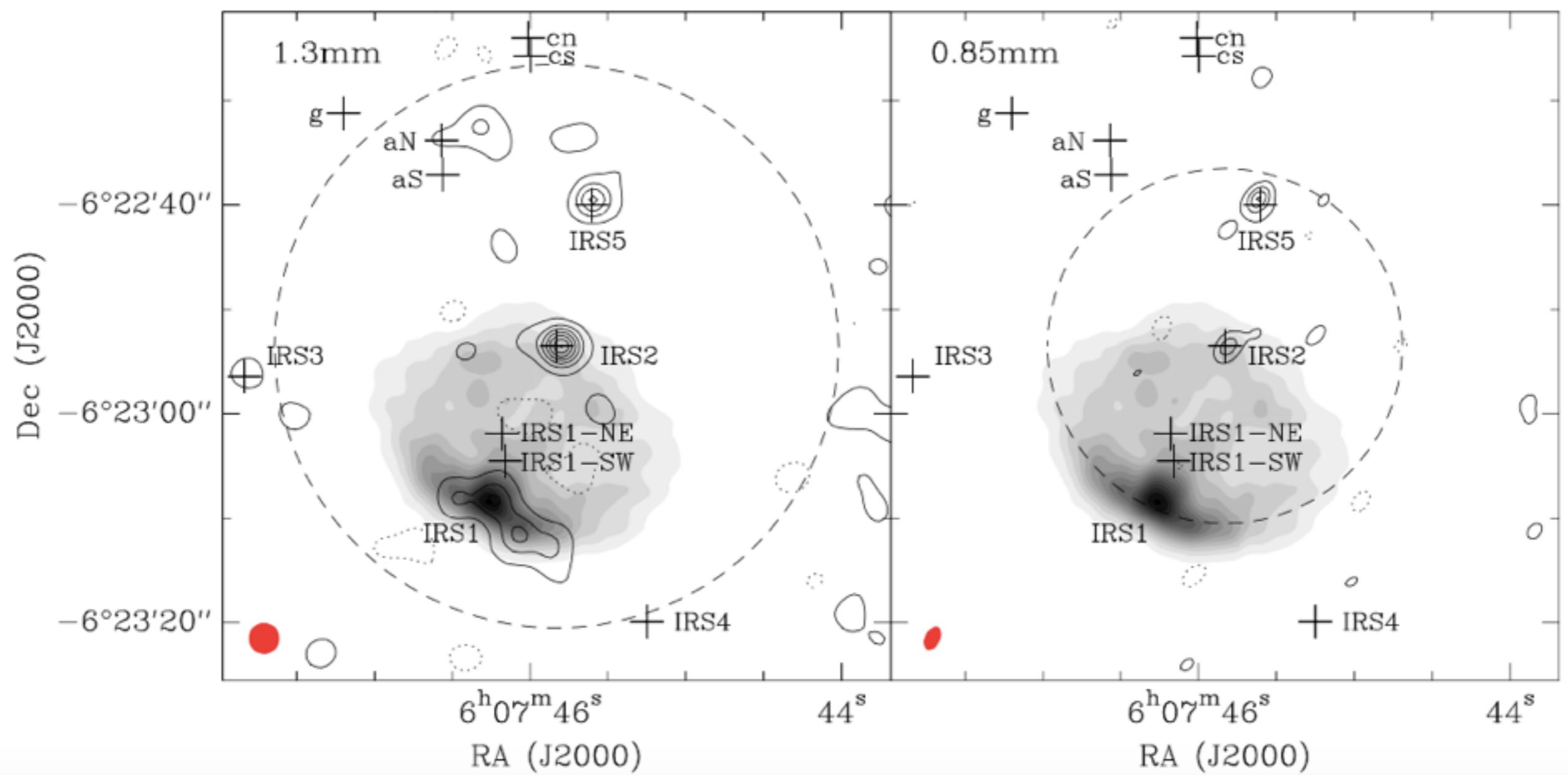


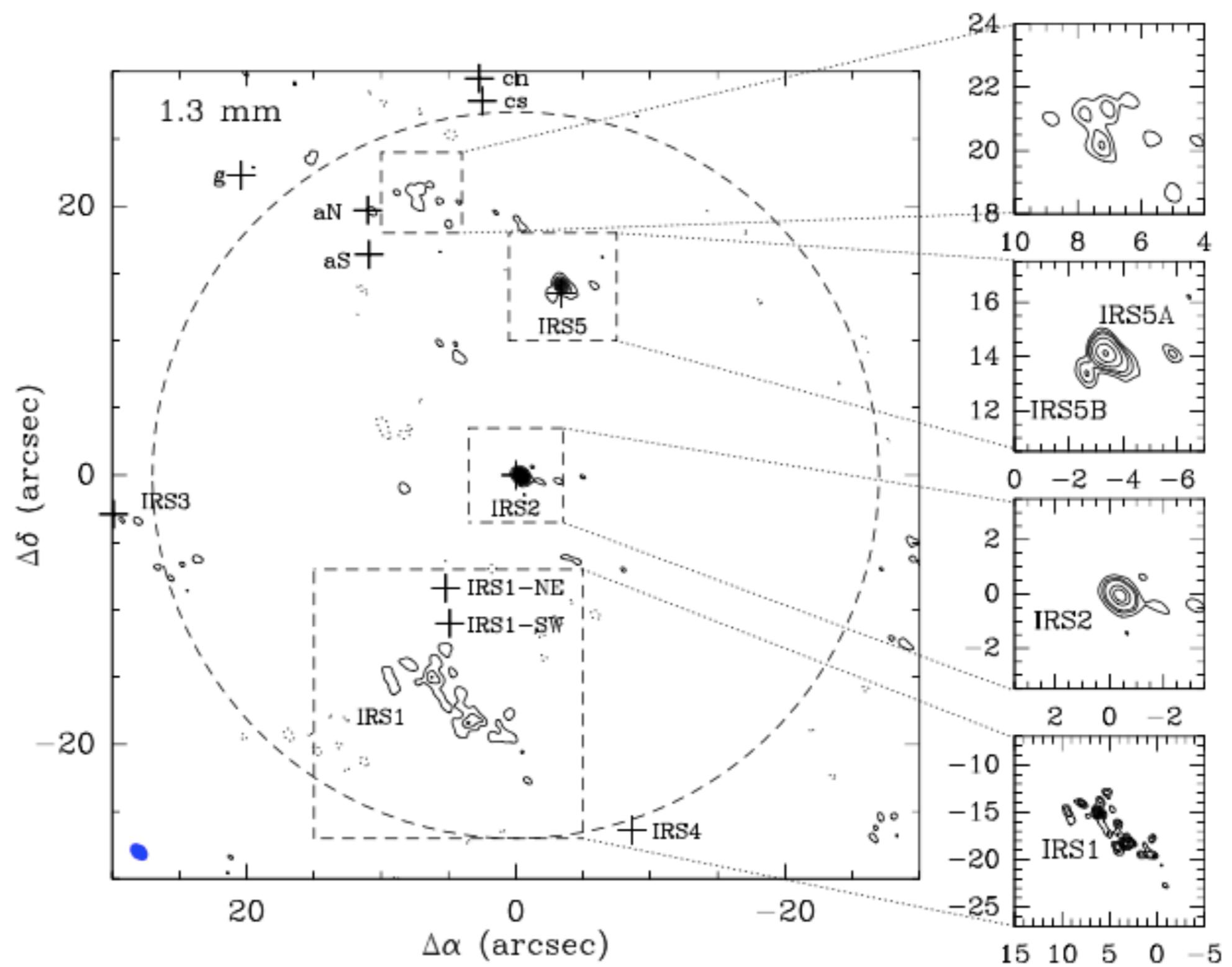
円盤不安定で一時的な質量降着率増加が繰り返される



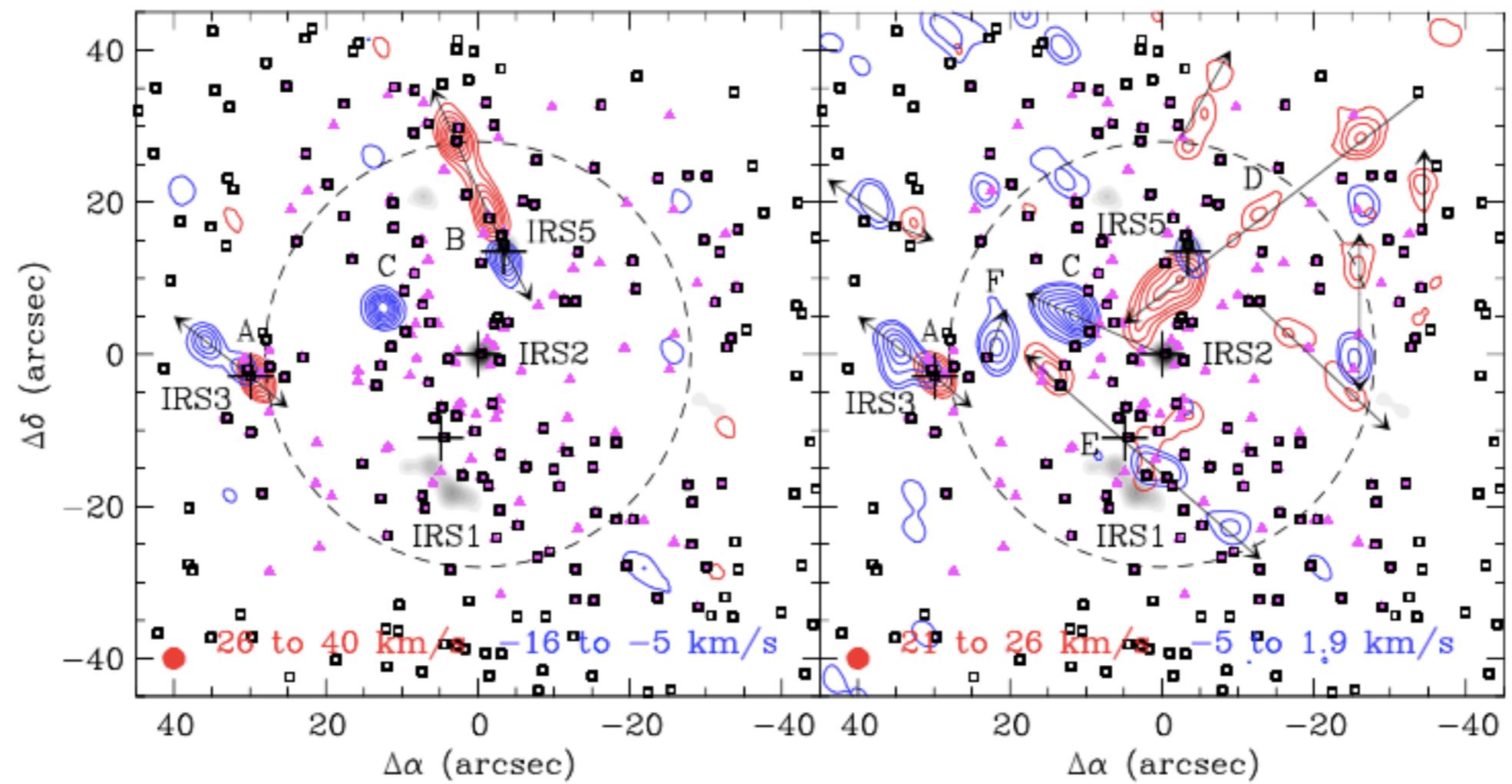
# Submillimeter Array High-angular Resolution Observations of the Monoceros R2 Star Forming Cluster

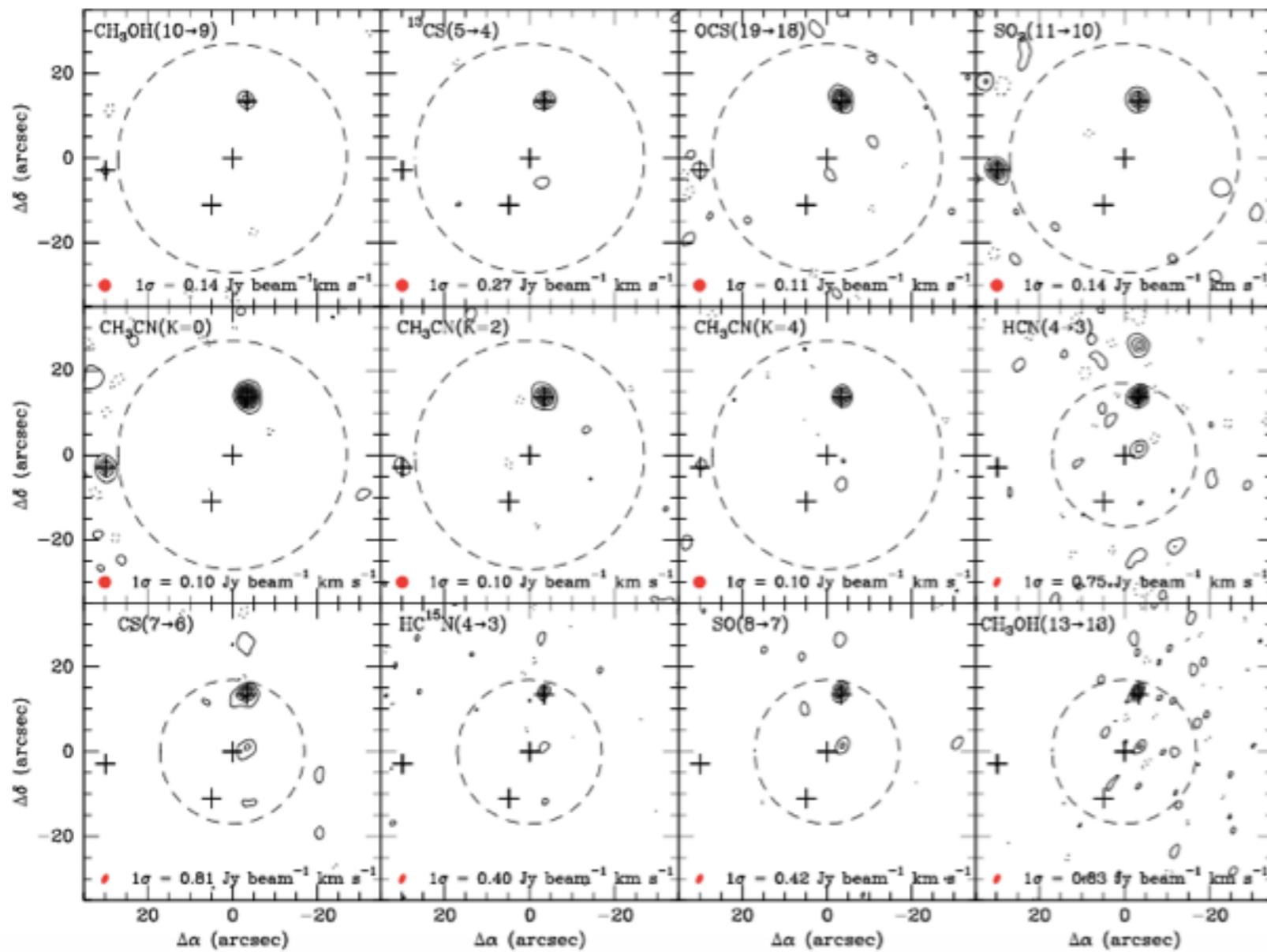
M. Dierickx et al. ApJ, 803, 89 (2015)





VEX





IRS5 is also chemically active  
IRS3 = Hot Corino

