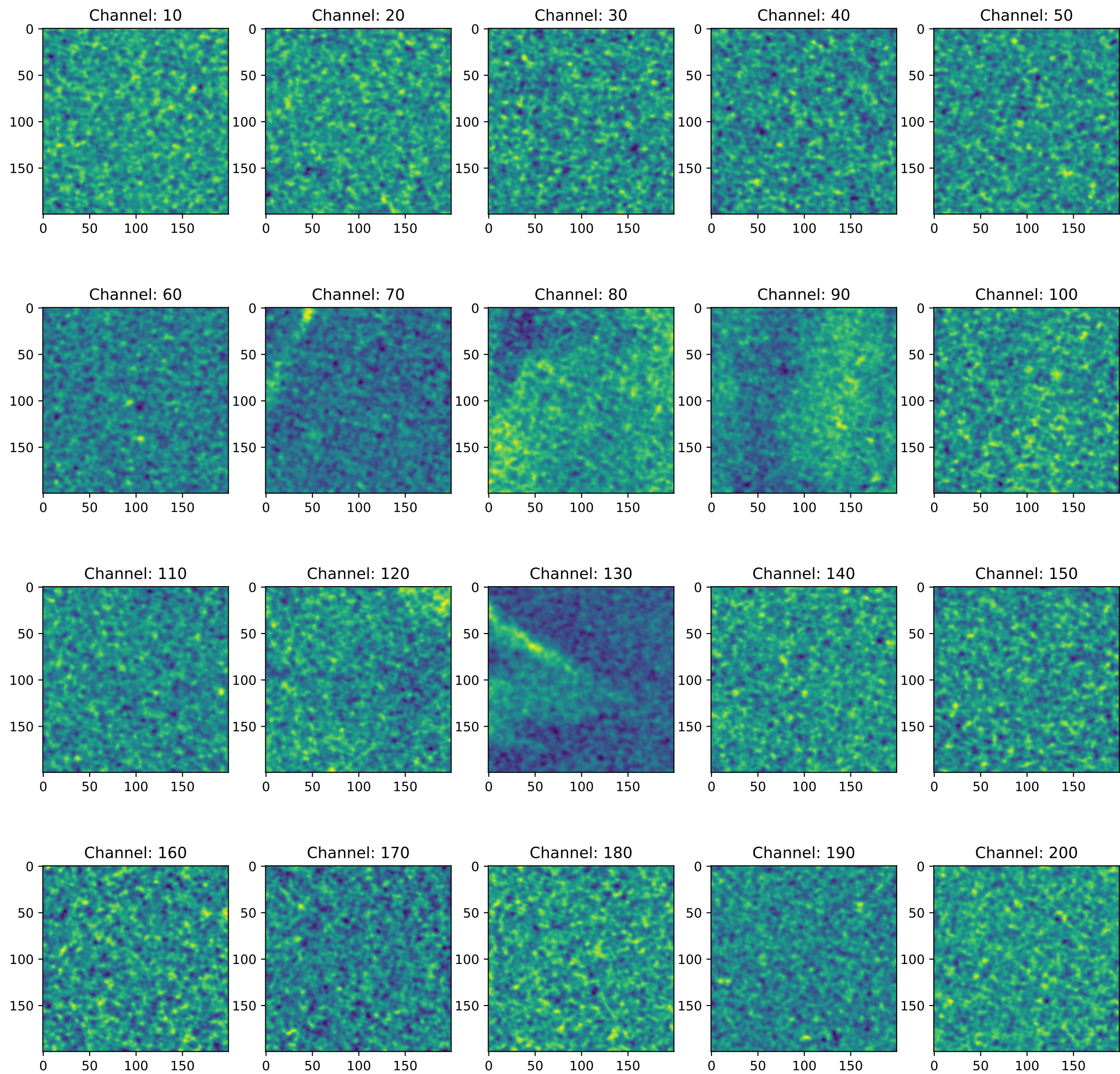


## J162713.7-241817, CO



# Continuum Stamp

pos.eq.dec

$-24^{\circ}18'35''$

36"

37"

$16^{\text{h}}27^{\text{m}}15.10^{\text{s}}$

$15.05^{\text{s}}$

$15.00^{\text{s}}$

$14.95^{\text{s}}$

$14.90^{\text{s}}$

pos.eq.ra

0.8

0.6

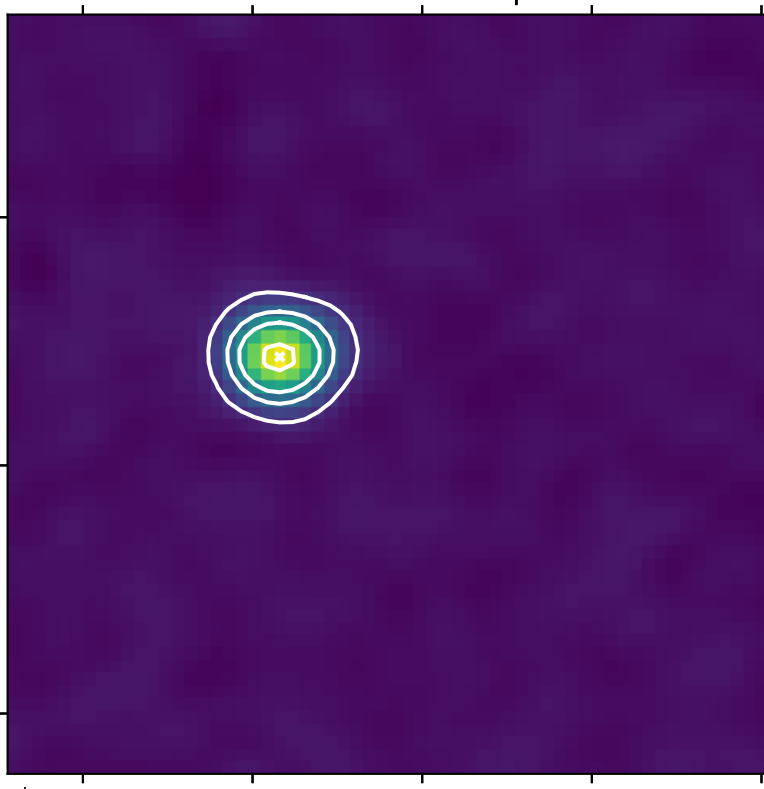
0.4

0.2

0.0

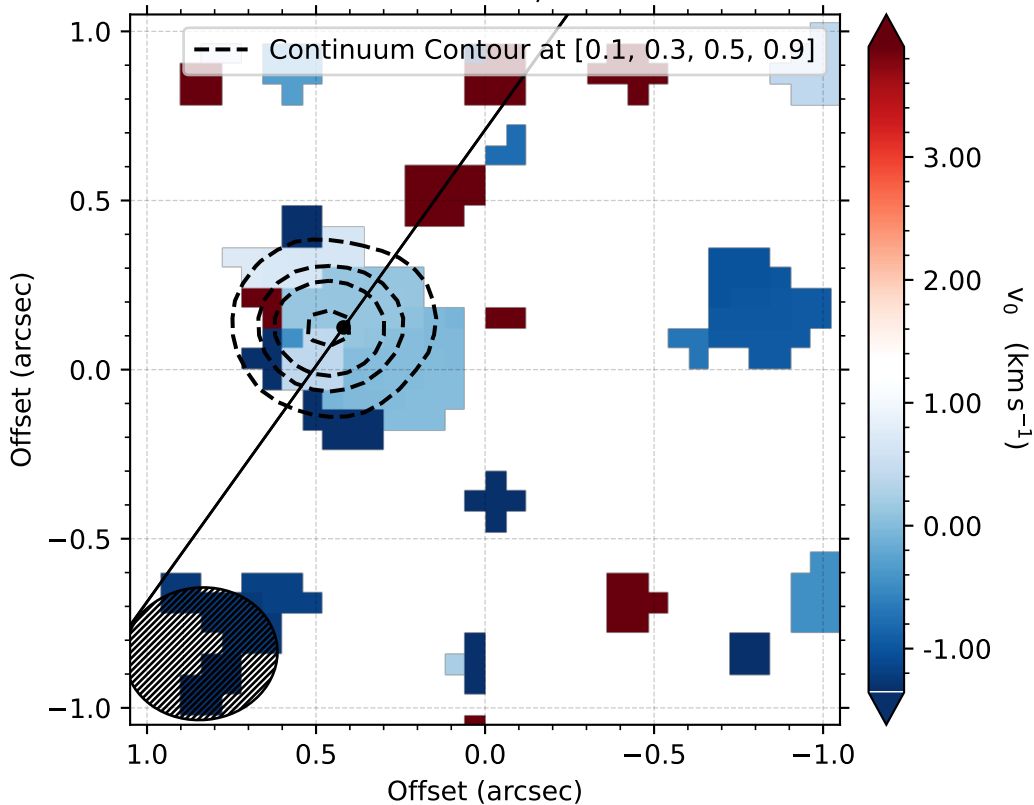
0.025

x



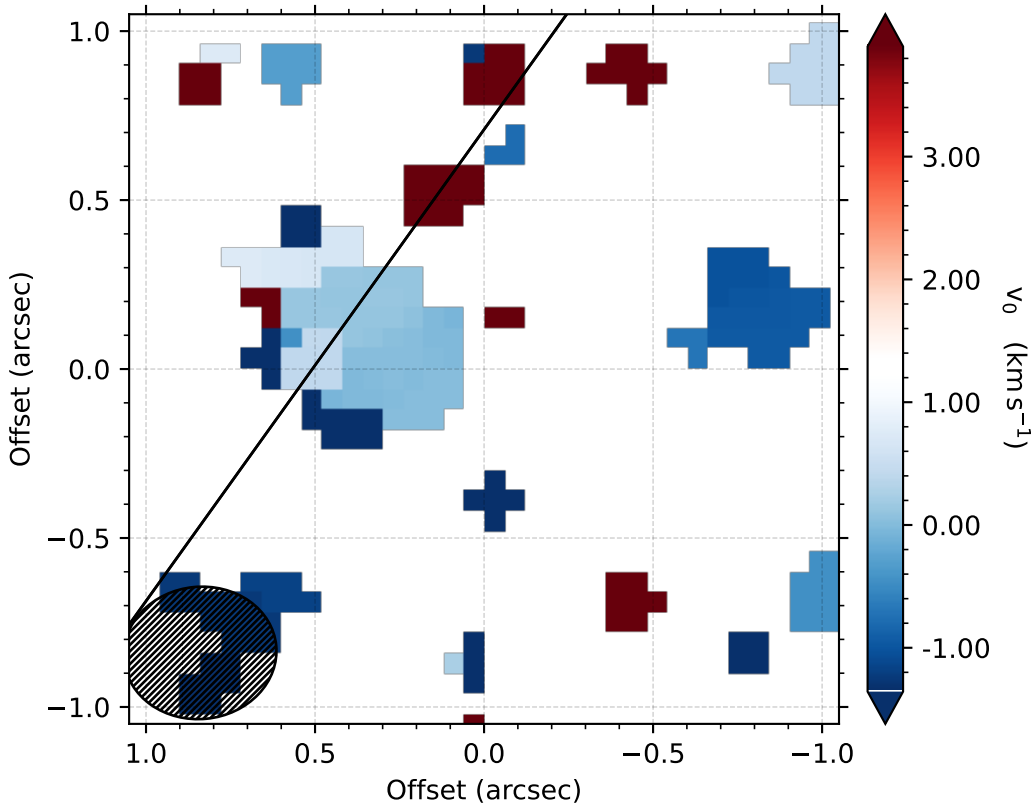
J162713.7-241817

Channels: 0-70,140-200



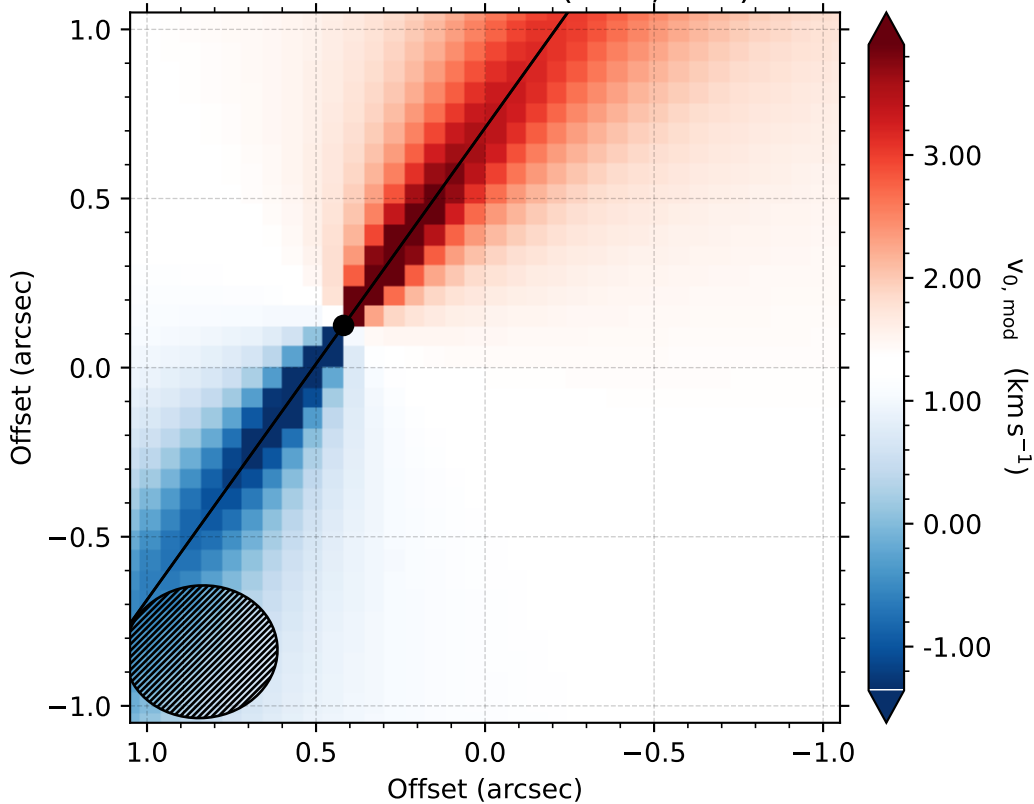
J162713.7-241817

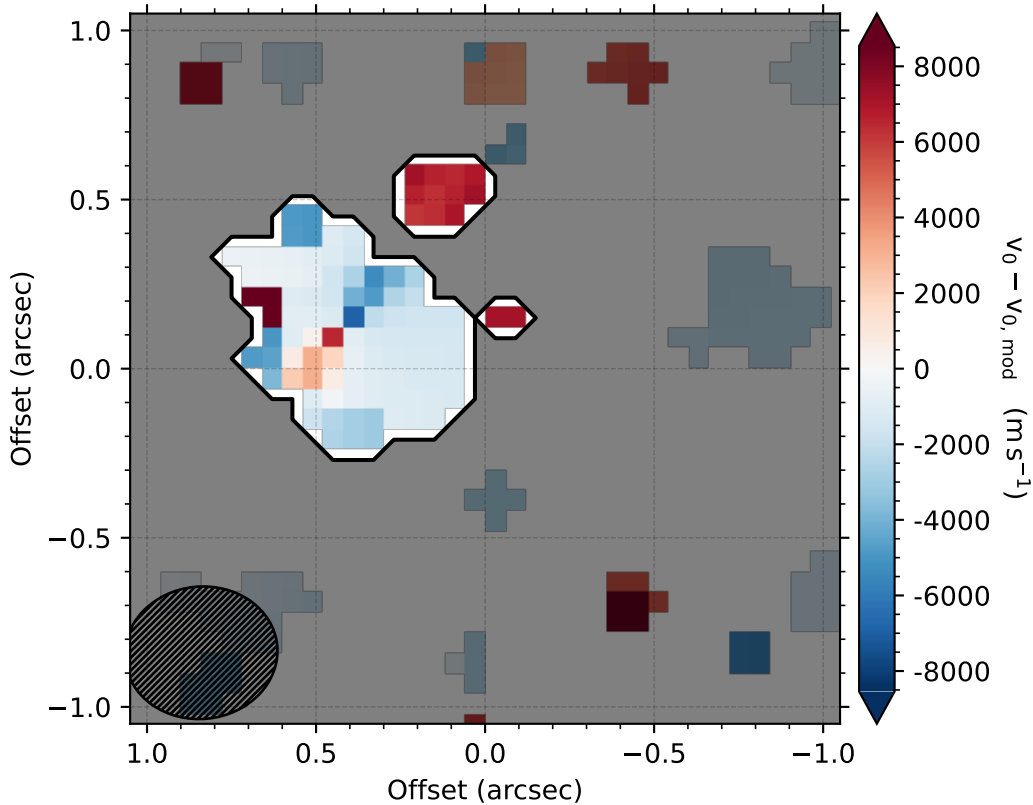
Masked Data, with Background Subtraction [km/s] = None



J162713.7-241817

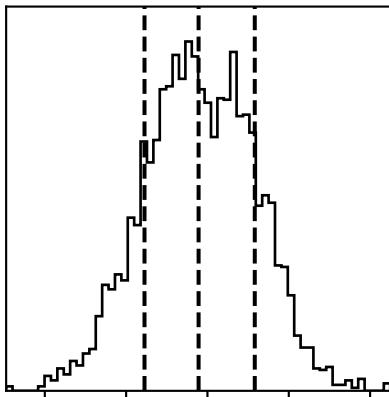
PA:  $324.4^\circ$  -- Offset (0.42, 0.12)



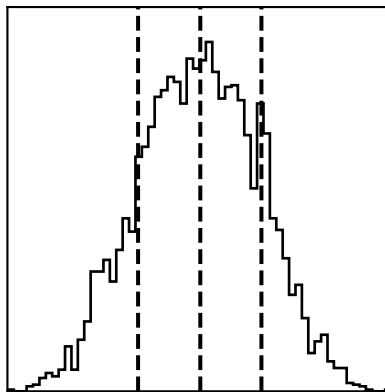




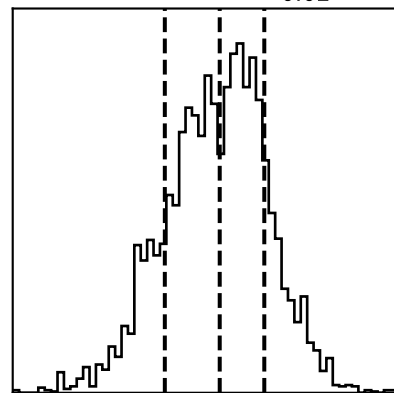
PA =  $324.37^{+0.02}_{-0.02}$



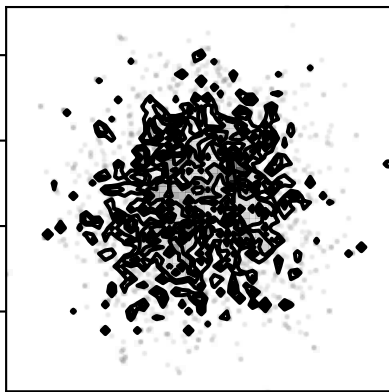
vlsr =  $1268.31^{+1.79}_{-1.82}$



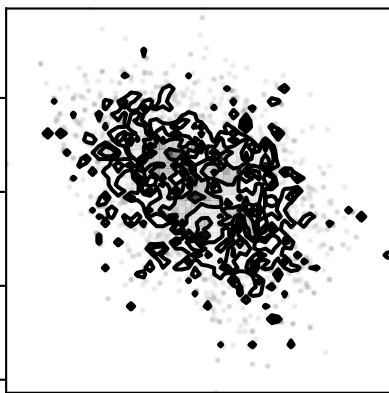
inc =  $76.92^{+0.02}_{-0.02}$



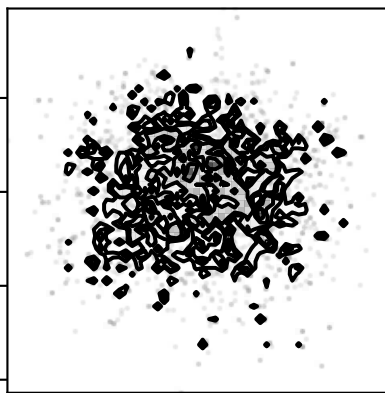
vlsr



inc



vlsr



inc

PA

Name: J162713.7-241817

Region: ROph

File: /Users/calebpainter/Downloads/DECO/fits\_files/ROph/J162713.7-241817\_CO\_230.538GHz.image.fits

Emission Line: CO

Channels: (0, 70, 140, 200)

X-pos: 246.80716

Y-pos: -24.304864

X-offset: 0.42

Y-offset: 0.12

Literature PA: --

Eddy PA: 324.37

Literature Mass [M]: 0.57

Eddy Mass [M]: --

DECO Dict vsys [km/s]: 3.4

Eddy vlsr [m/s]: 1.27

Literature Inc: --

Eddy Inc: 76.92

Literature Distance [Mpc]: 137.2

Eddy rmin, rmax ["]: (0, 0.6)

Eddy params (nwalkers, nburn, nsteps): (10, 800, 500)

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC FAILS, cloud hard to resolve