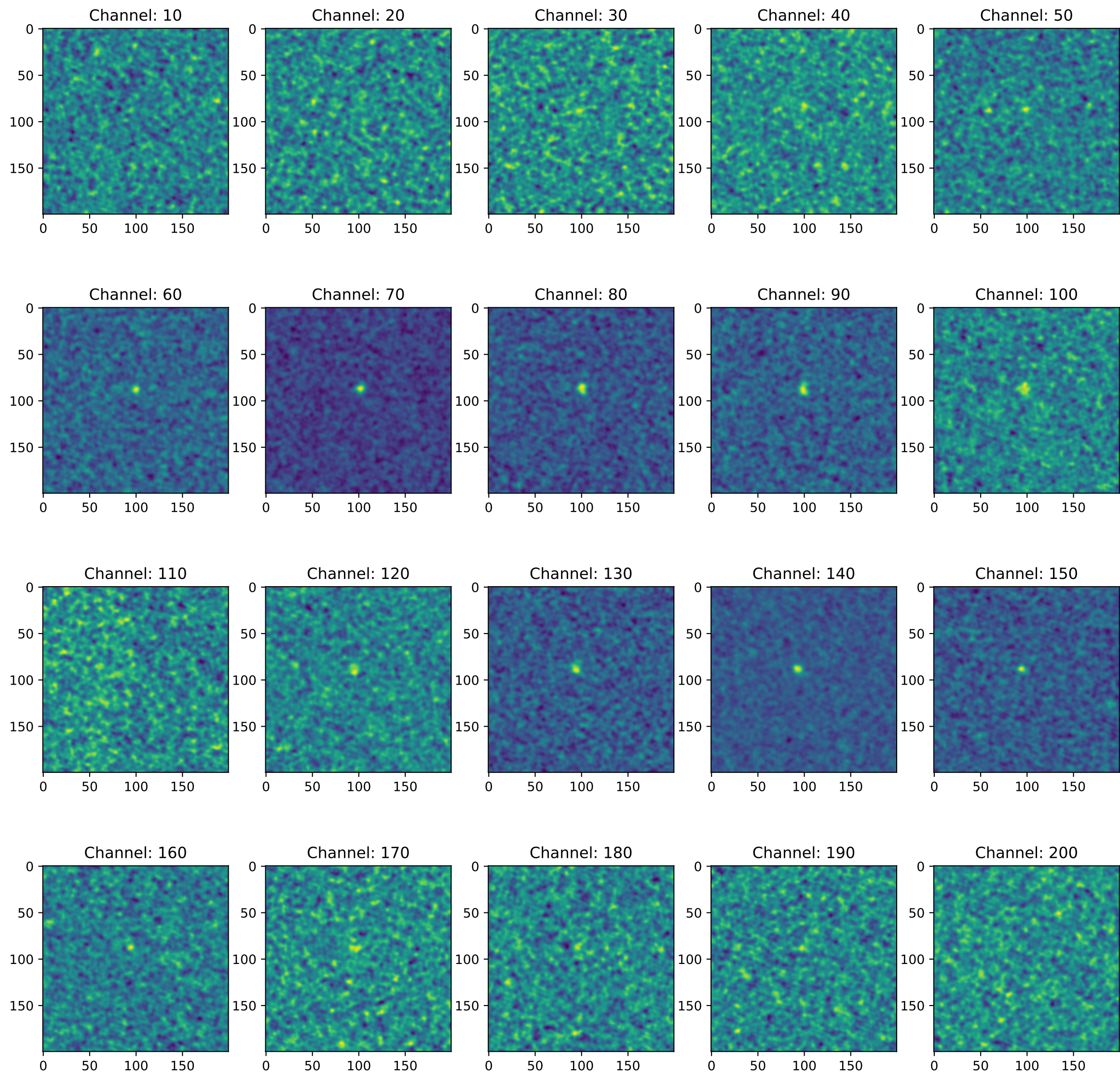


## J162739.0-235818, CO



# Continuum Stamp

pos.eq.dec

$-23^{\circ}58'36''$

37"

38"

$16^{\text{h}}27^{\text{m}}40.40^{\text{s}}$

$40.35^{\text{s}}$

$40.30^{\text{s}}$

$40.25^{\text{s}}$

$40.20^{\text{s}}$

pos.eq.ra

0.8

0.6

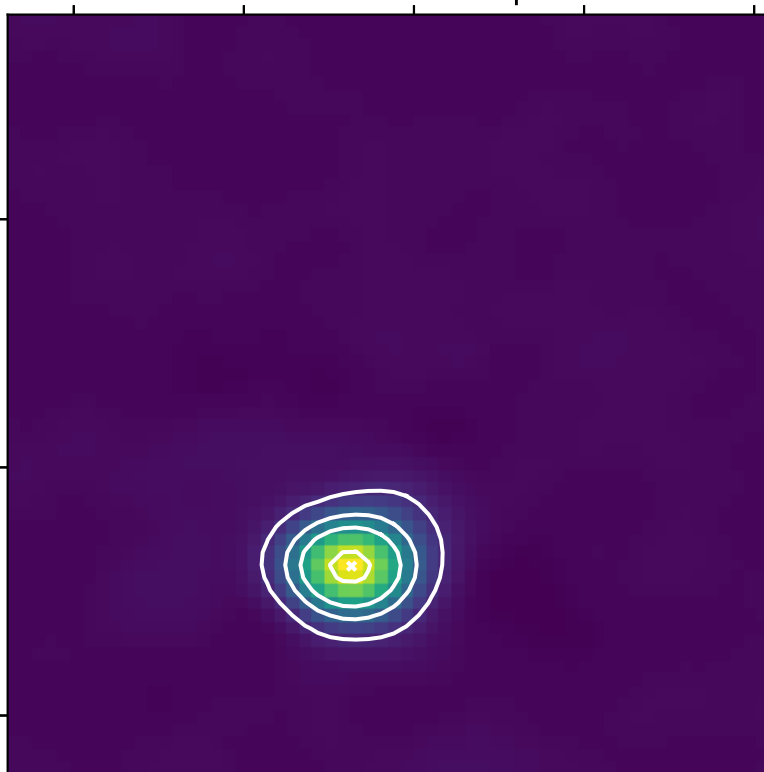
0.4

0.2

0.0

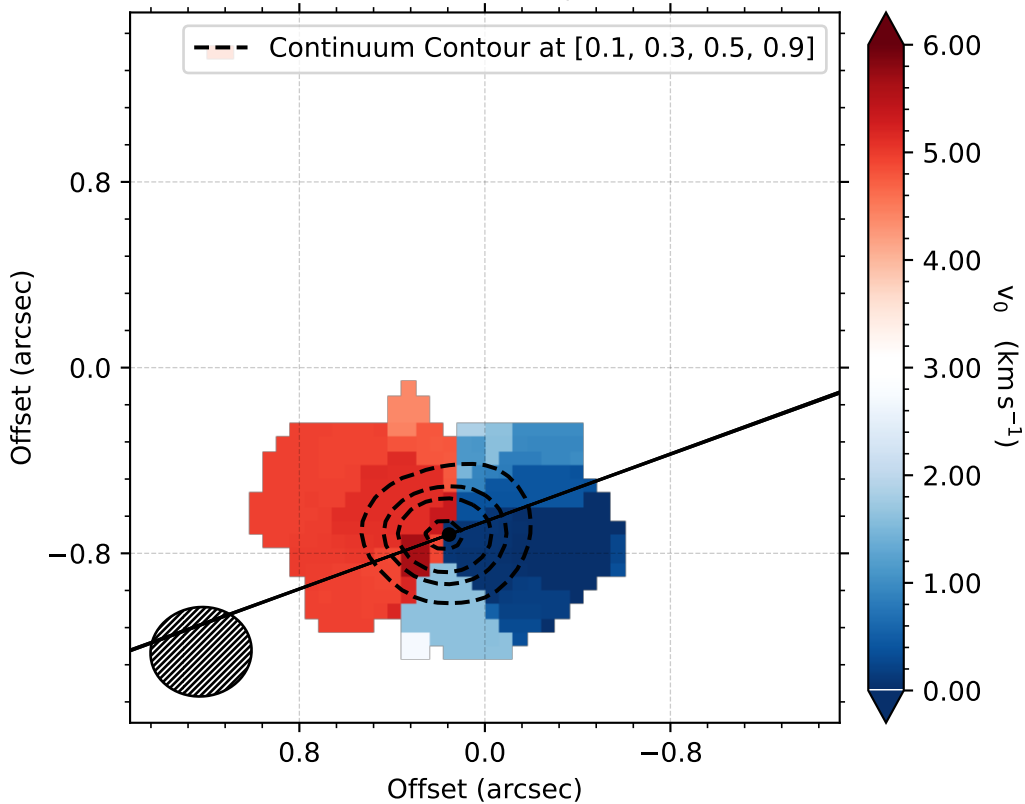
0.025

x



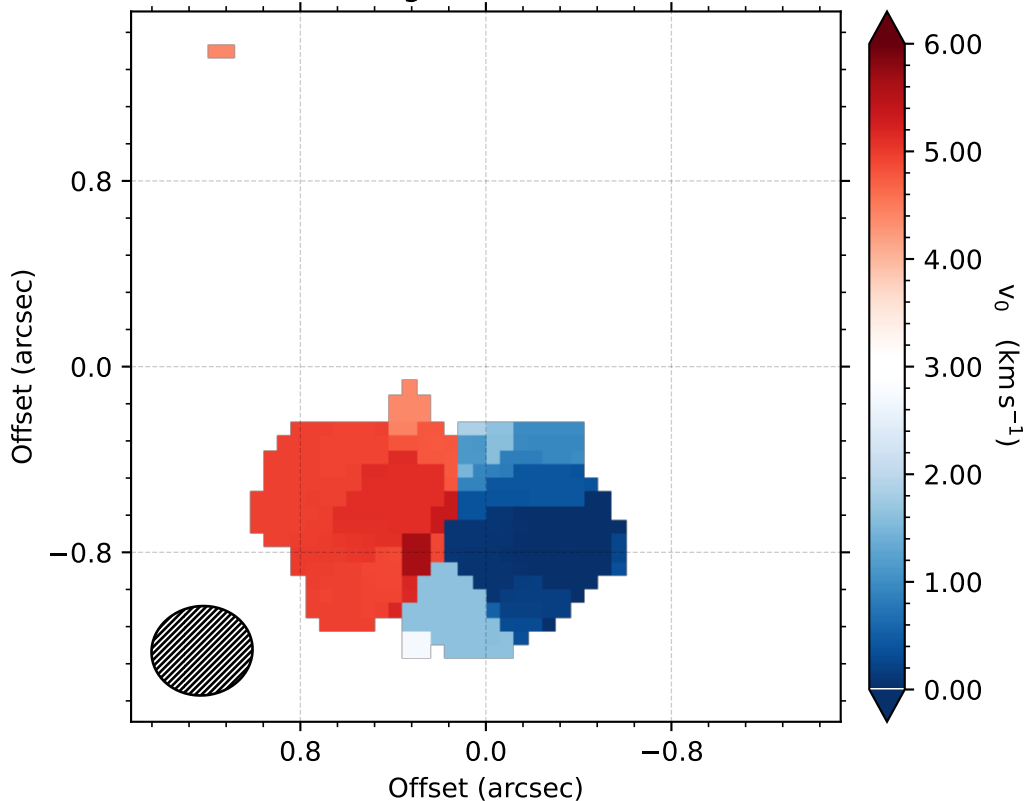
J162739.0-235818

Channels: 20-200,20-200



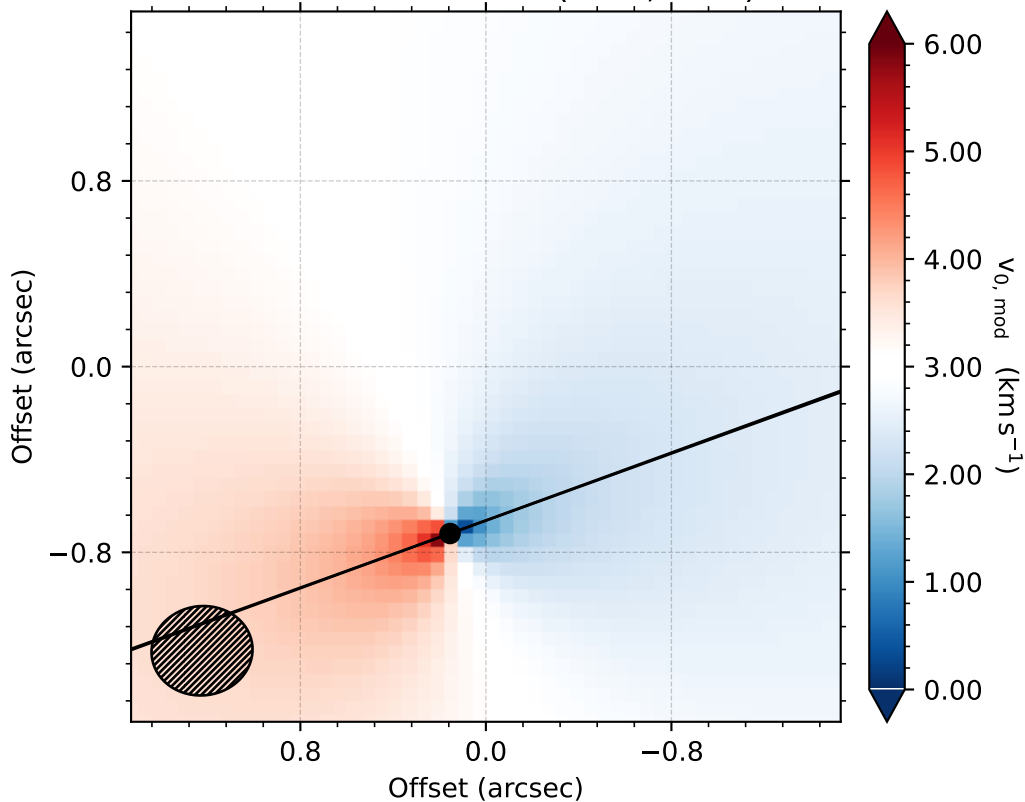
J162739.0-235818

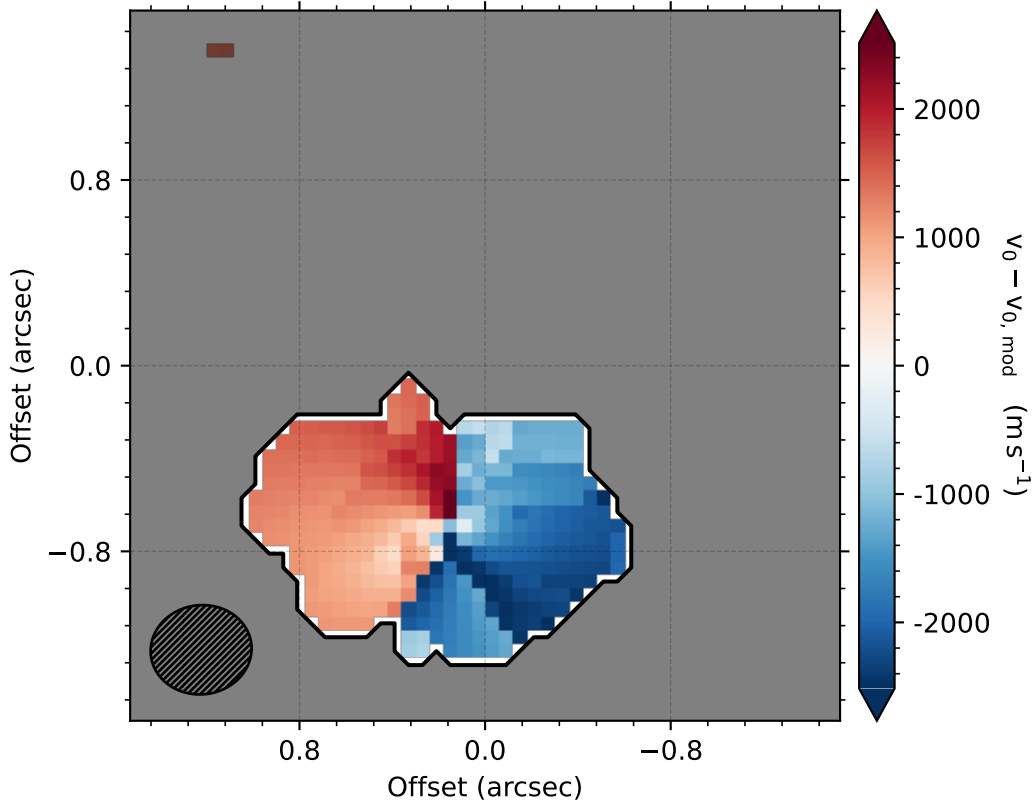
Masked Data, with Background Subtraction [km/s] = None



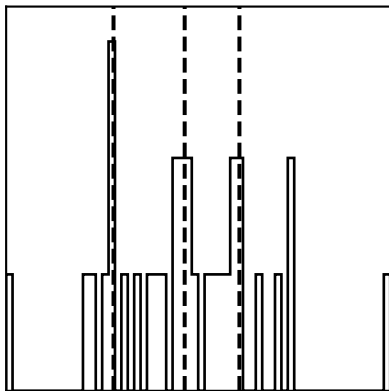
J162739.0-235818

PA:  $110.0^\circ$  -- Offset (0.15, -0.72)

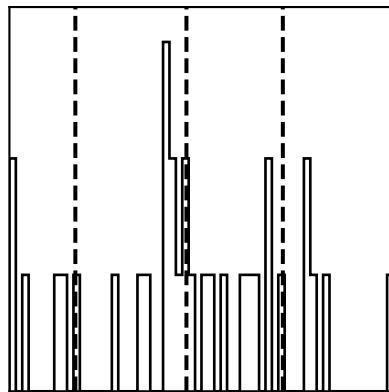




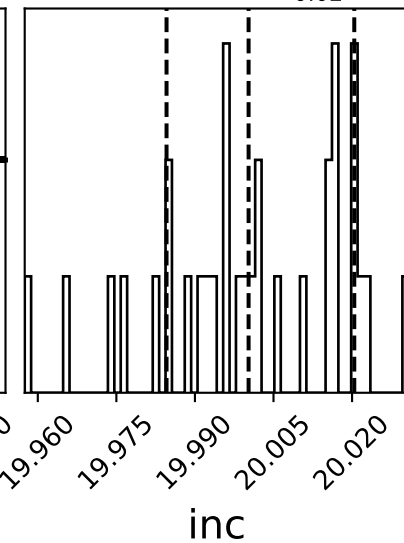
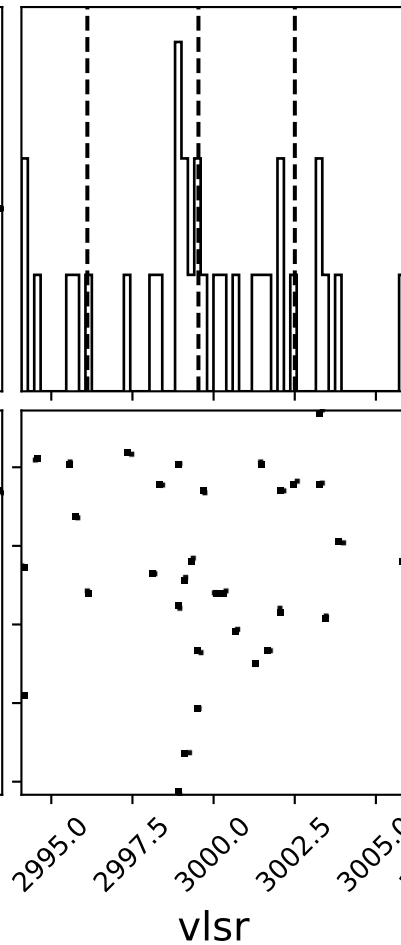
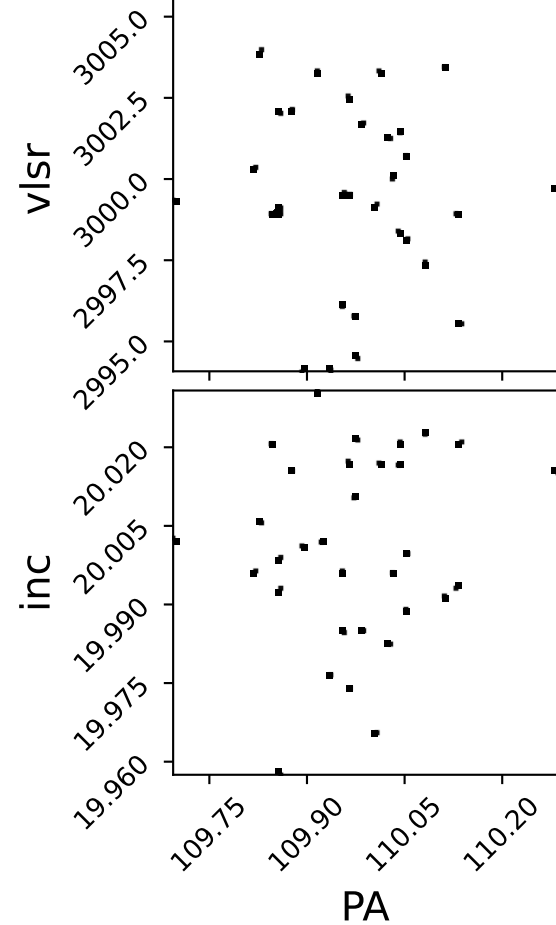
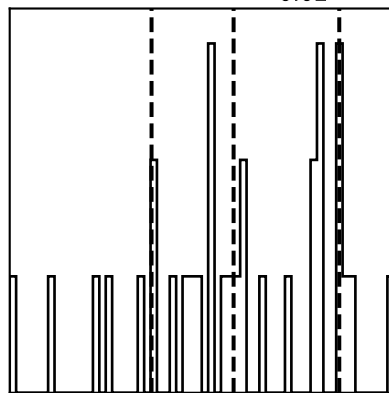
PA =  $109.97^{+0.08}_{-0.11}$



vlsr =  $2999.53^{+2.97}_{-3.42}$



inc =  $20.00^{+0.02}_{-0.02}$



Name: J162739.0-235818

Region: ROph

File: /Users/calebpainter/Downloads/DECO/fits\_files/ROph/J162739.0-235818\_CO\_230.538GHz.image.fits

Emmision Line: CO

Channels: (20, 200, 20, 200)

X-pos: 246.9125

Y-pos: -23.97204

X-offset: 0.154

Y-offset: -0.719

Literature PA: 11.9

Eddy PA: 109.97

Literature Mass [M]: 0.69

Eddy Mass [M]: --

DECO Dict vsys [km/s]: 2.3

Eddy vlsr [m/s]: 3.0

Literature Inc: 0

Eddy Inc: 20.0

Literature Distance [Mpc]: 141.55

Eddy rmin, rmax ["]: (0.02, 1.0)

Eddy params (nwalkers, nburn, nsteps): (32, 800, 500)

Velocity Mask: None

Notes: MCMC FAILS