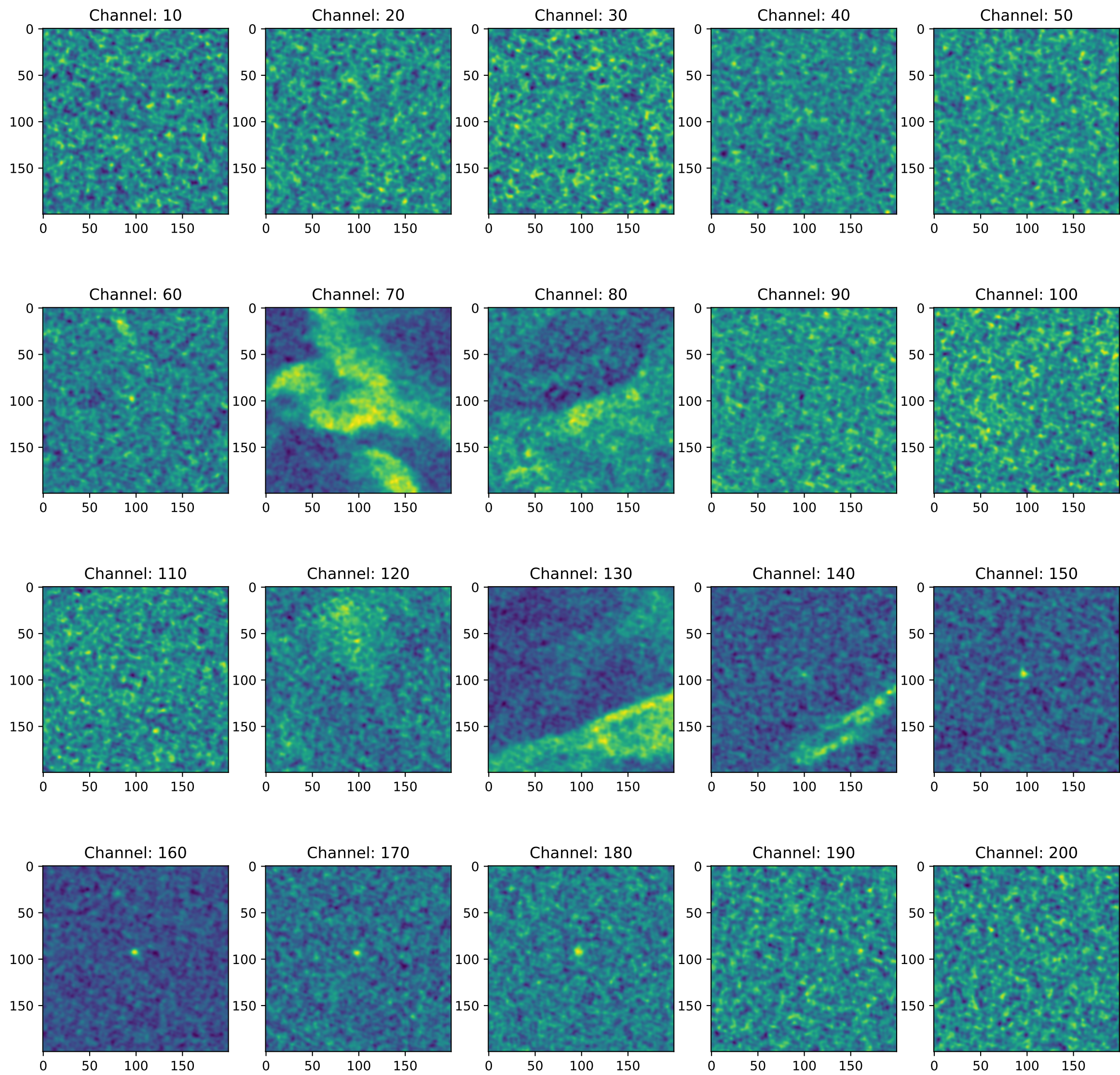


J162733.1-244115, CO



Continuum Stamp

pos.eq.dec

$-24^{\circ}41'33''$

34"

35"

$16^{\text{h}}27^{\text{m}}34.50^{\text{s}}$

34.45^{s}

34.40^{s}

34.35^{s}

34.30^{s}

pos.eq.ra

0.8

0.6

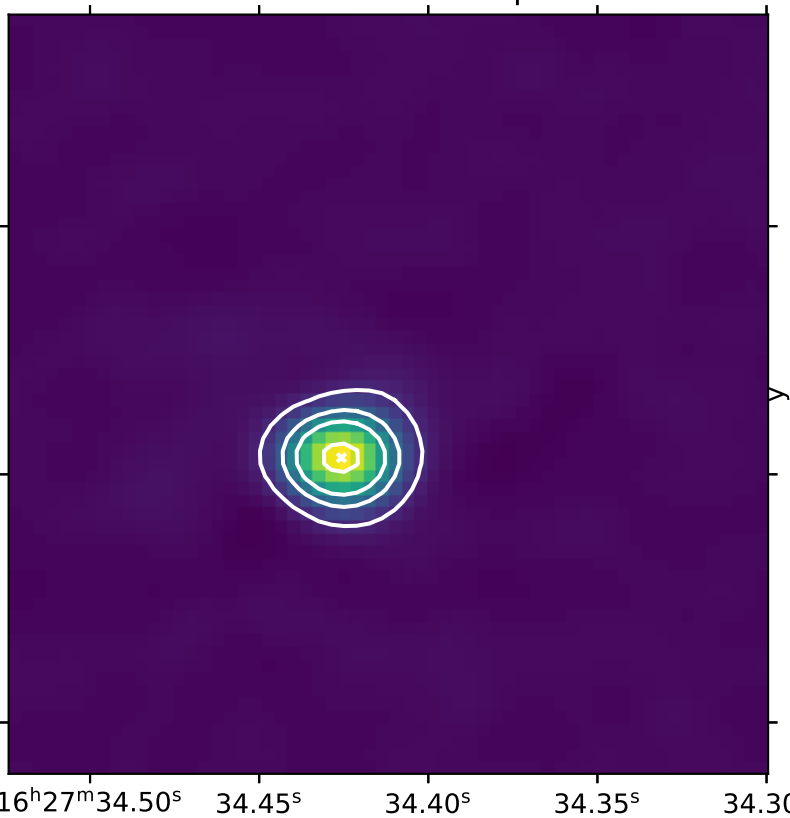
0.4

0.2

0.0

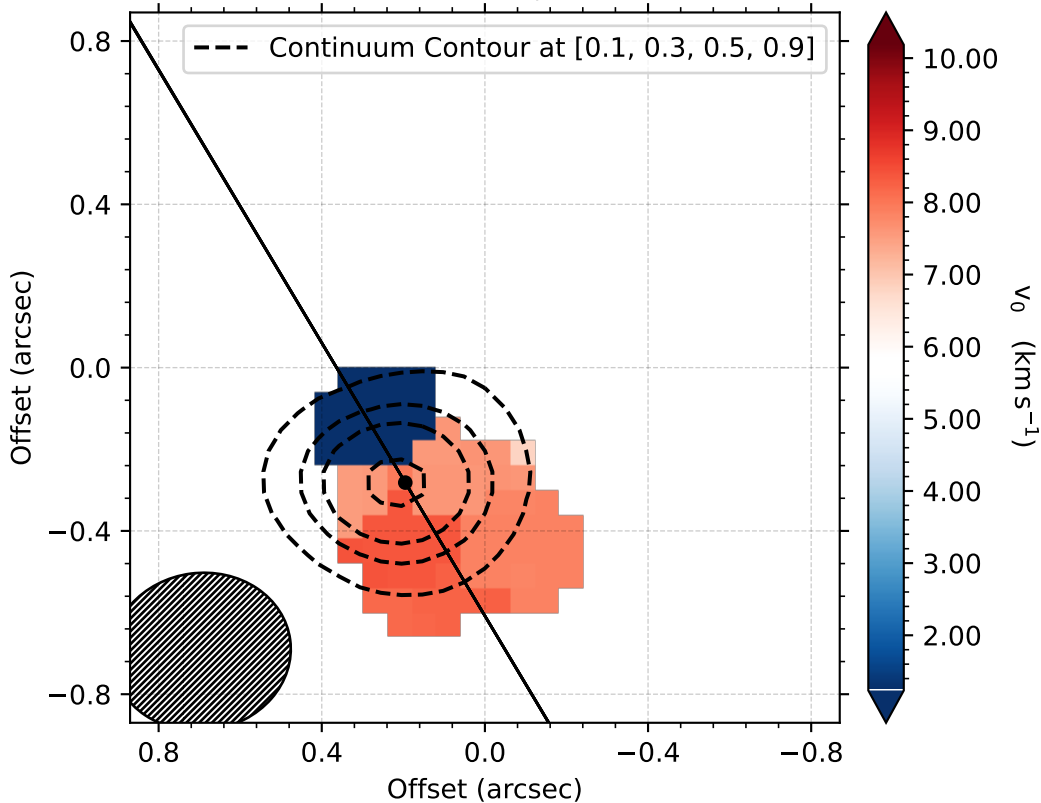
0.025

x



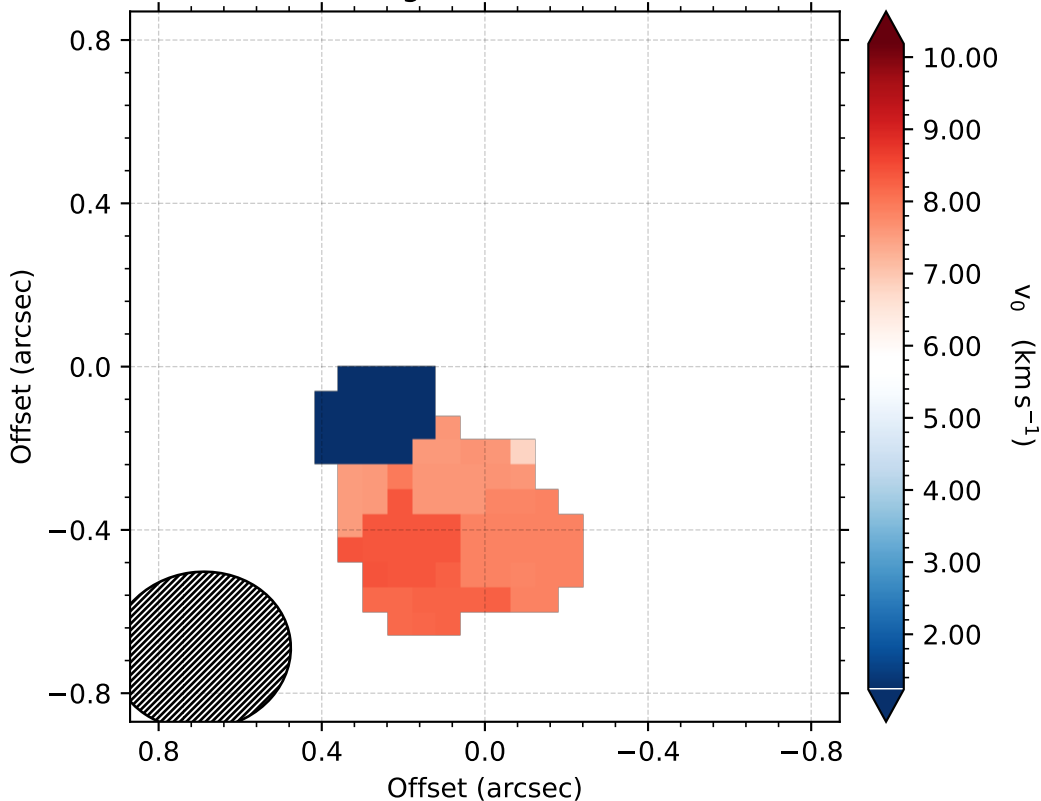
J162733.1-244115

Channels: 0-67,140-200



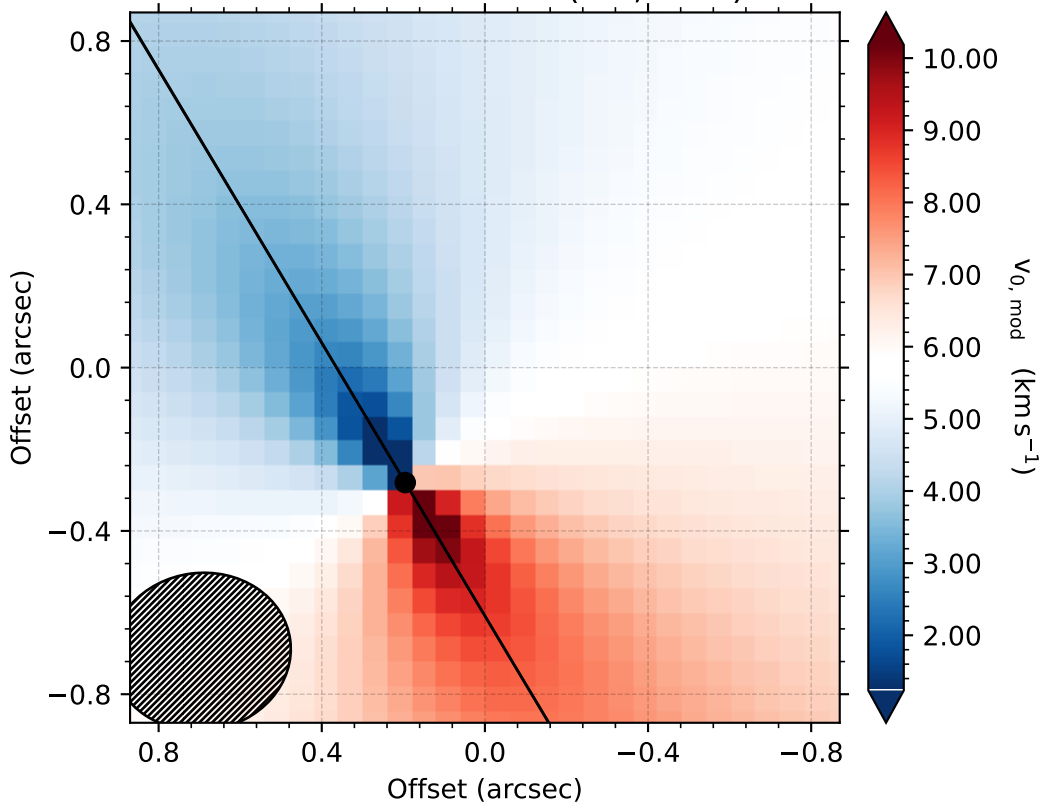
J162733.1-244115

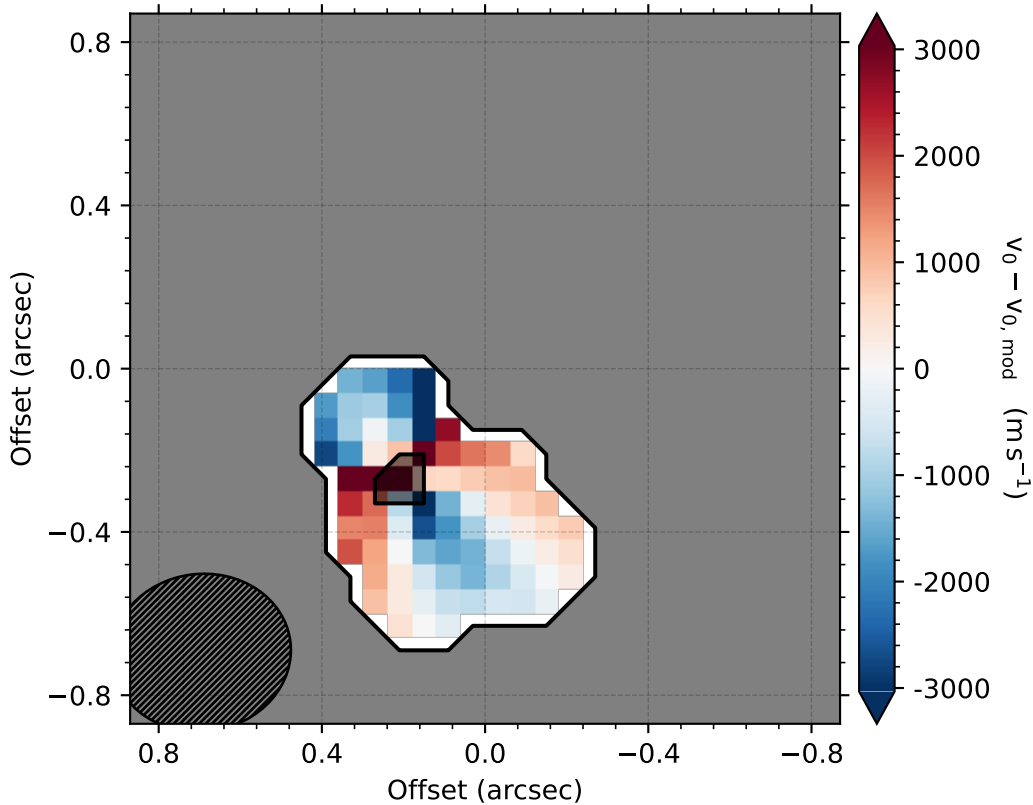
Masked Data, with Background Subtraction [km/s] = None



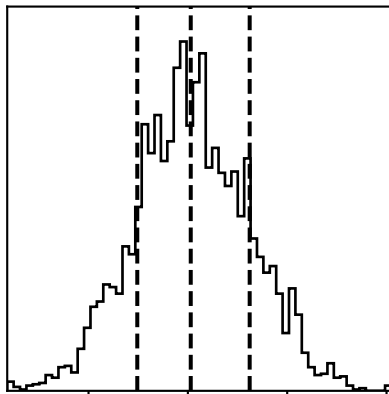
J162733.1-244115

PA: 210.9° -- Offset (0.2, -0.28)

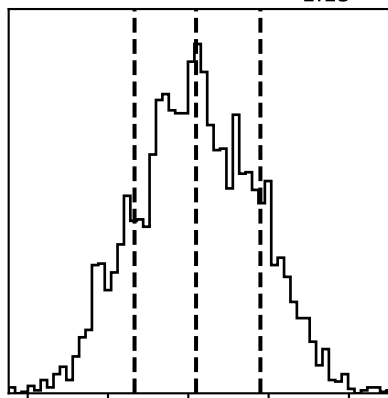




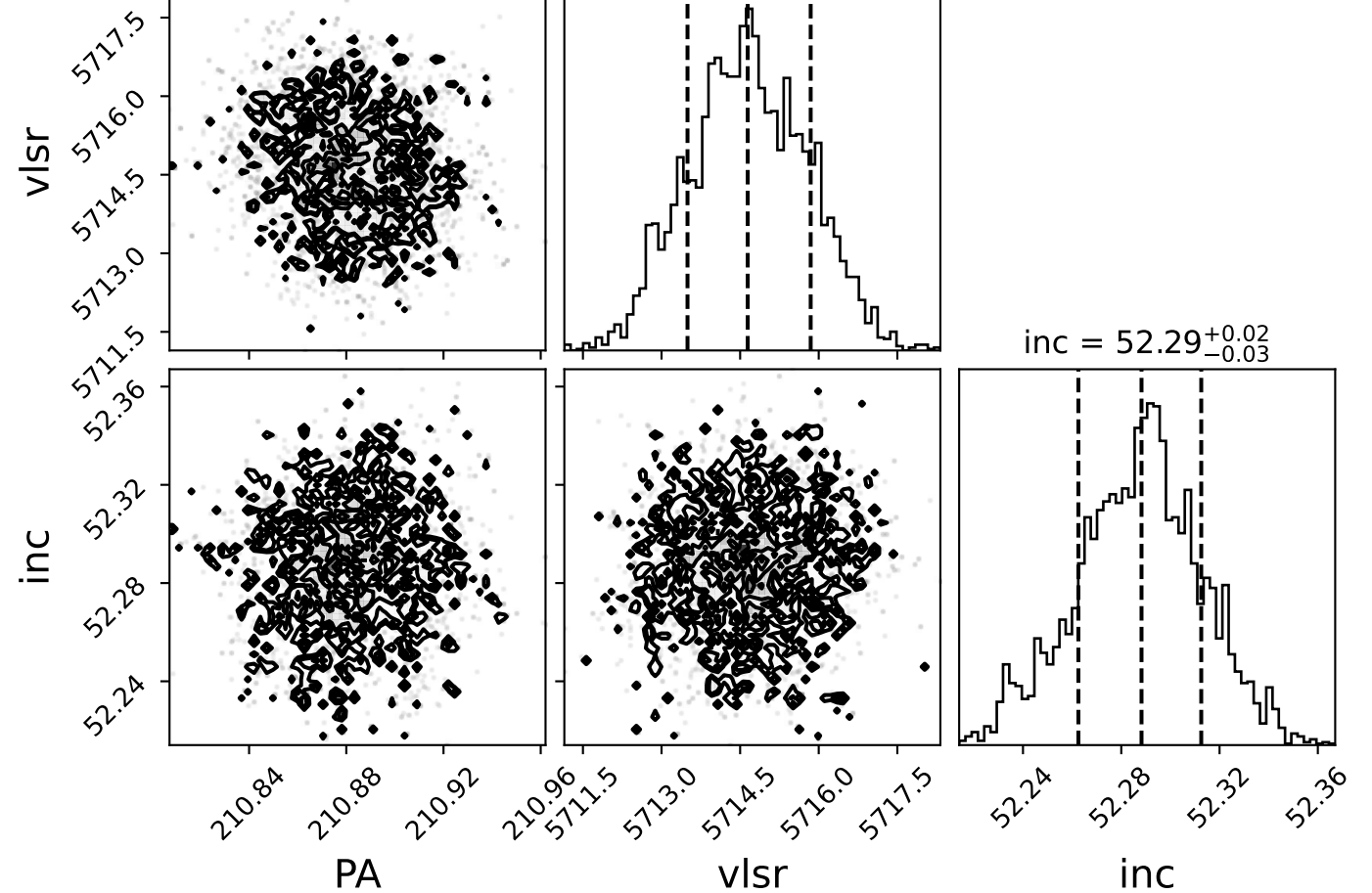
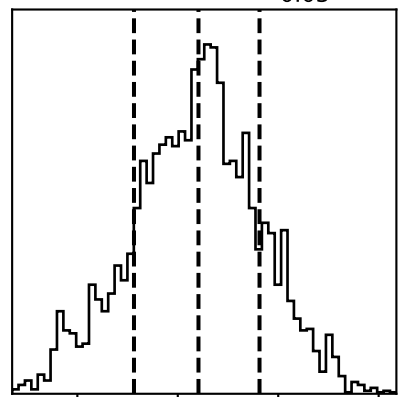
PA = $210.88^{+0.02}_{-0.02}$



vlsr = $5714.64^{+1.20}_{-1.15}$



inc = $52.29^{+0.02}_{-0.03}$



Name: J162733.1-244115

Region: ROph

File: /Users/calebpainter/Downloads/DECO/fits_files/ROph/J162733.1-244115_CO_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 67, 140, 200)

X-pos: 246.887915

Y-pos: -24.687744

X-offset: 0.195

Y-offset: -0.282

Literature PA: --

Eddy PA: 210.88

Literature Mass [M]: 0.875

Eddy Mass [M]: --

DECO Dict vsys [km/s]: 3.6

Eddy vlsr [m/s]: 5.71

Literature Inc: --

Eddy Inc: 52.29

Literature Distance [Mpc]: 136.55

Eddy rmin, rmax ["]: (0.1, 0.8)

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

Velocity Mask: None

Background Velocity Removal: None

Notes: Decent Fit