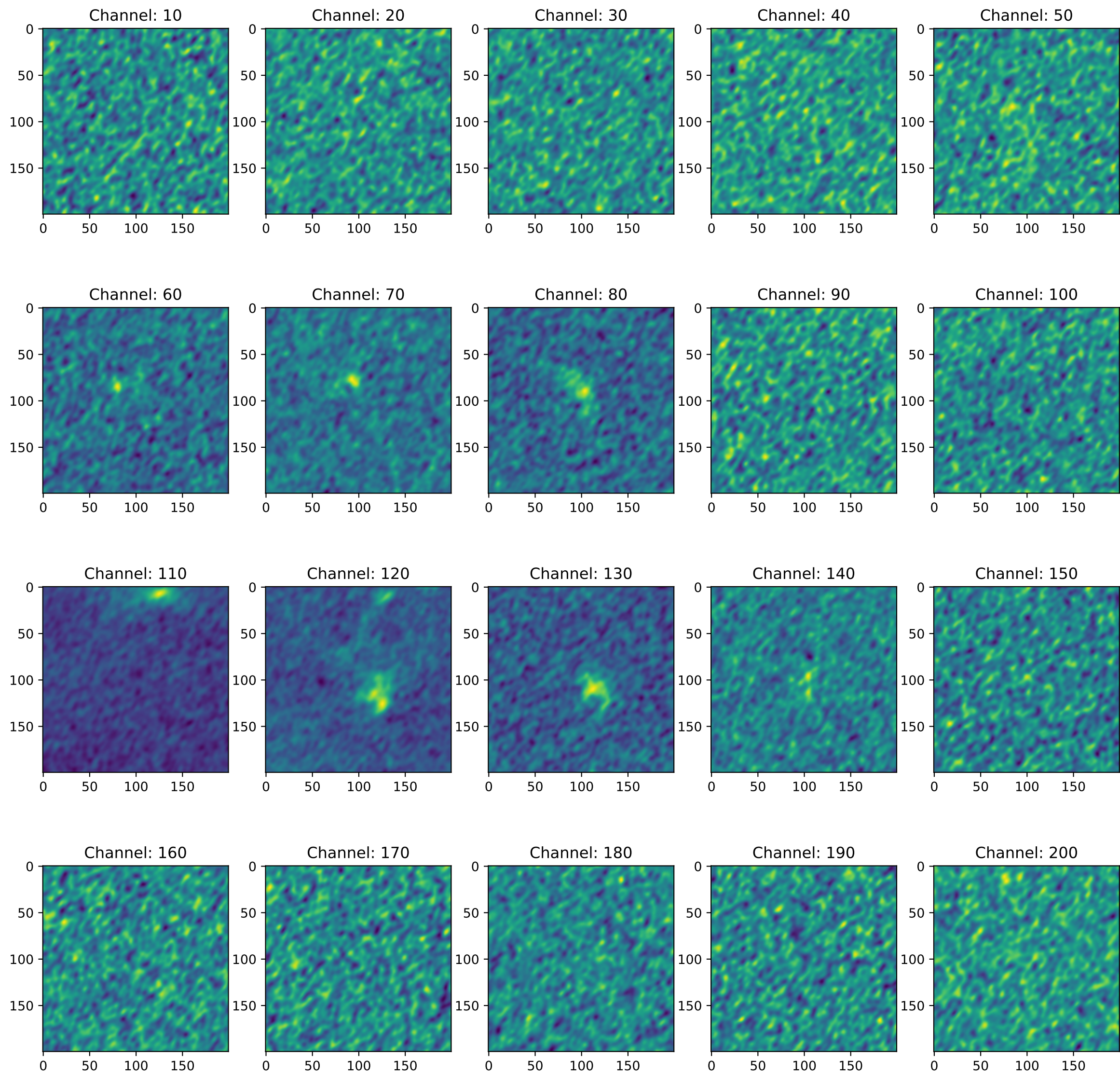


J11095407-7629253, CO



Continuum Stamp

pos.eq.dec

$-76^{\circ}29'41''$

42"

43"

44"

45"

$11^{\text{h}}09^{\text{m}}59.5^{\text{s}}$

59.0^{s}

58.5^{s}

pos.eq.ra

0.8

0.6

0.4

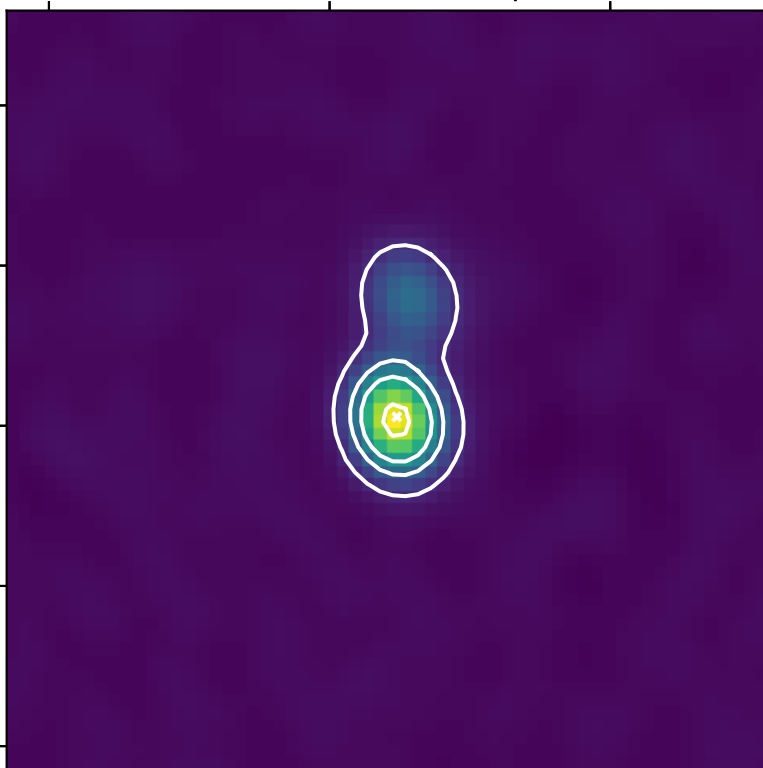
0.2

0.0

y

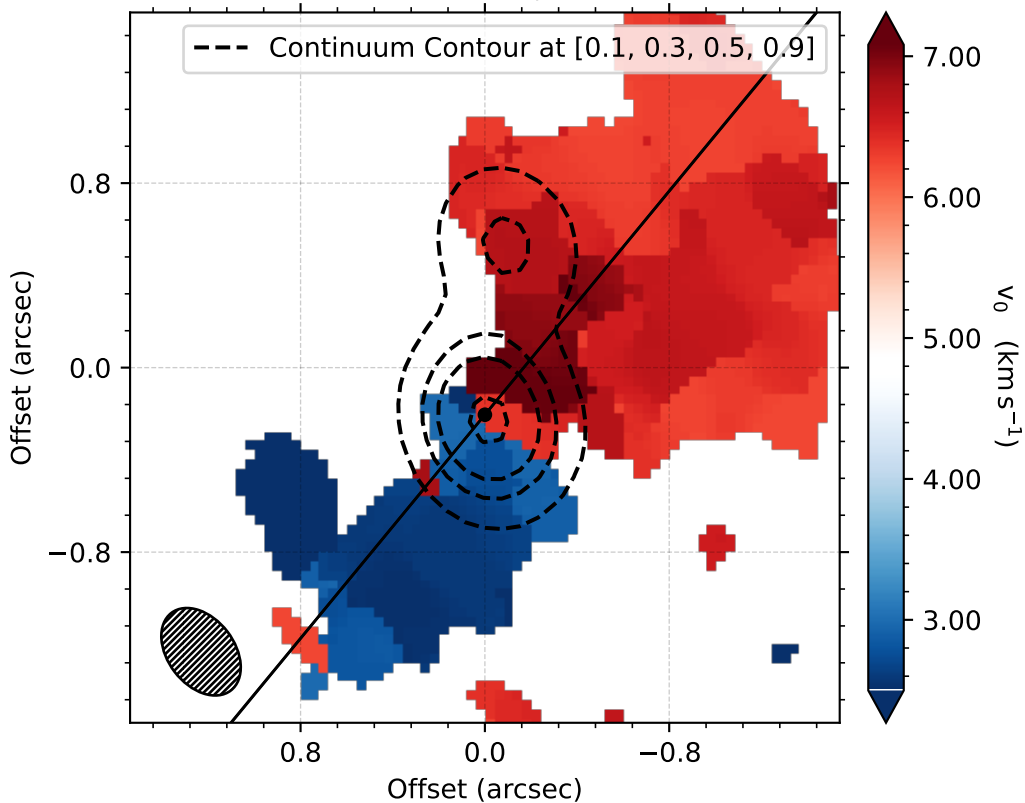
0.025

x



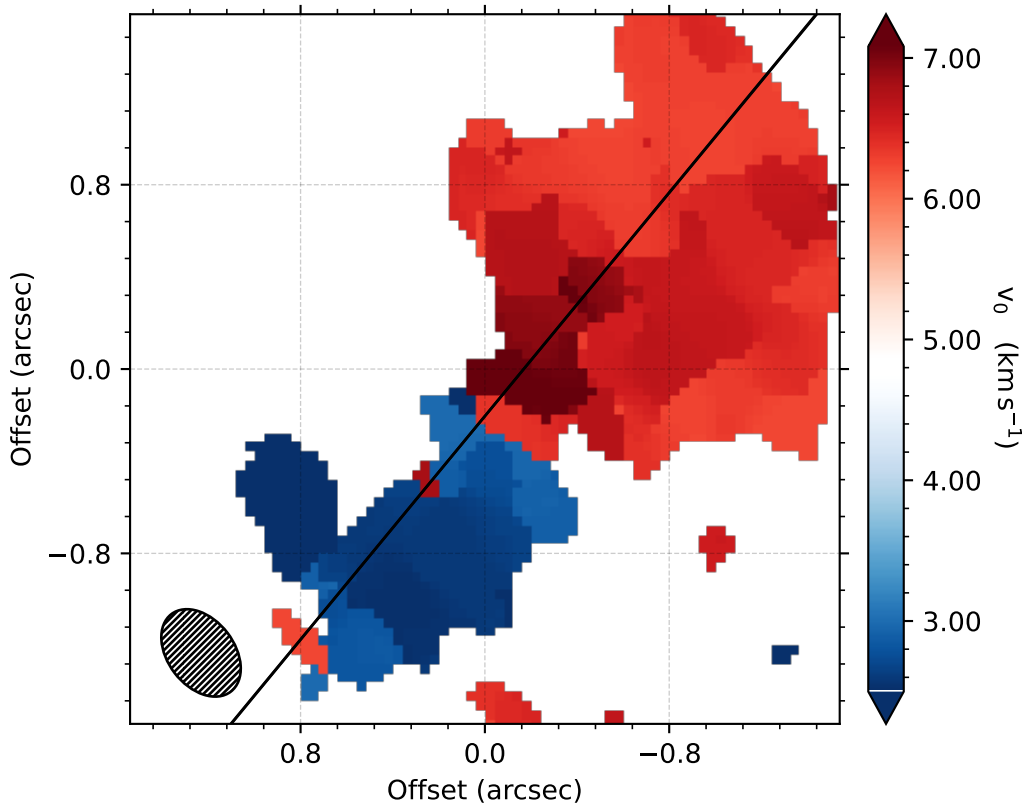
J11095407-7629253

Channels: 0-80,120-150



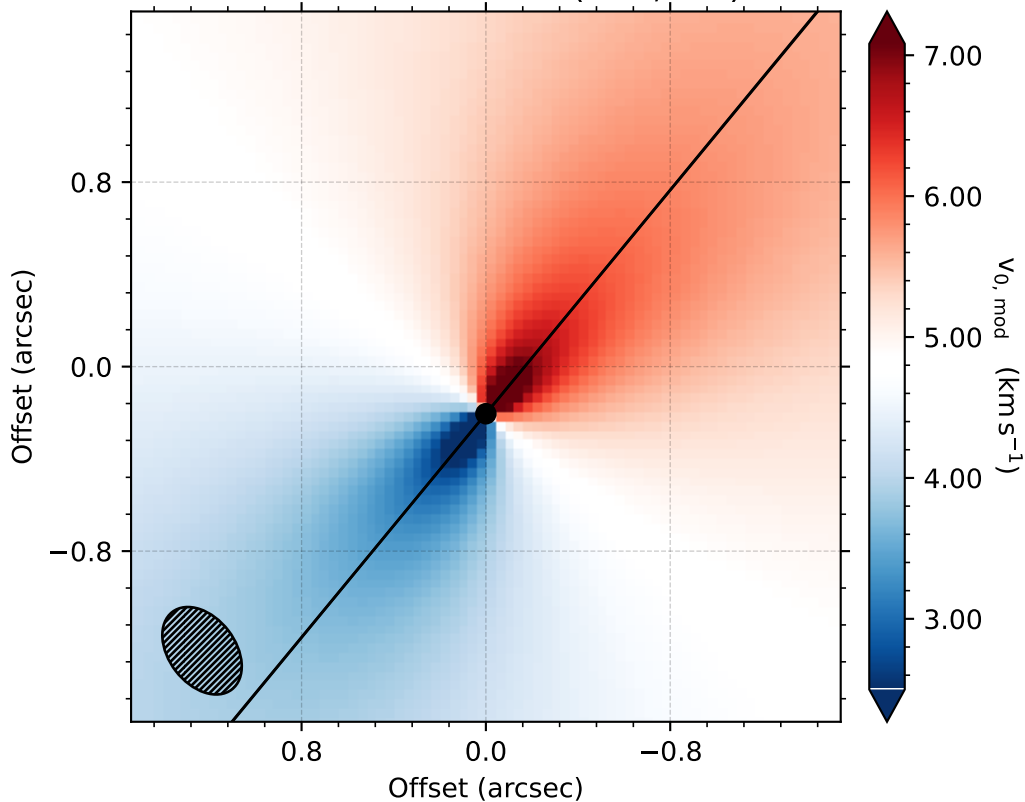
J11095407-7629253

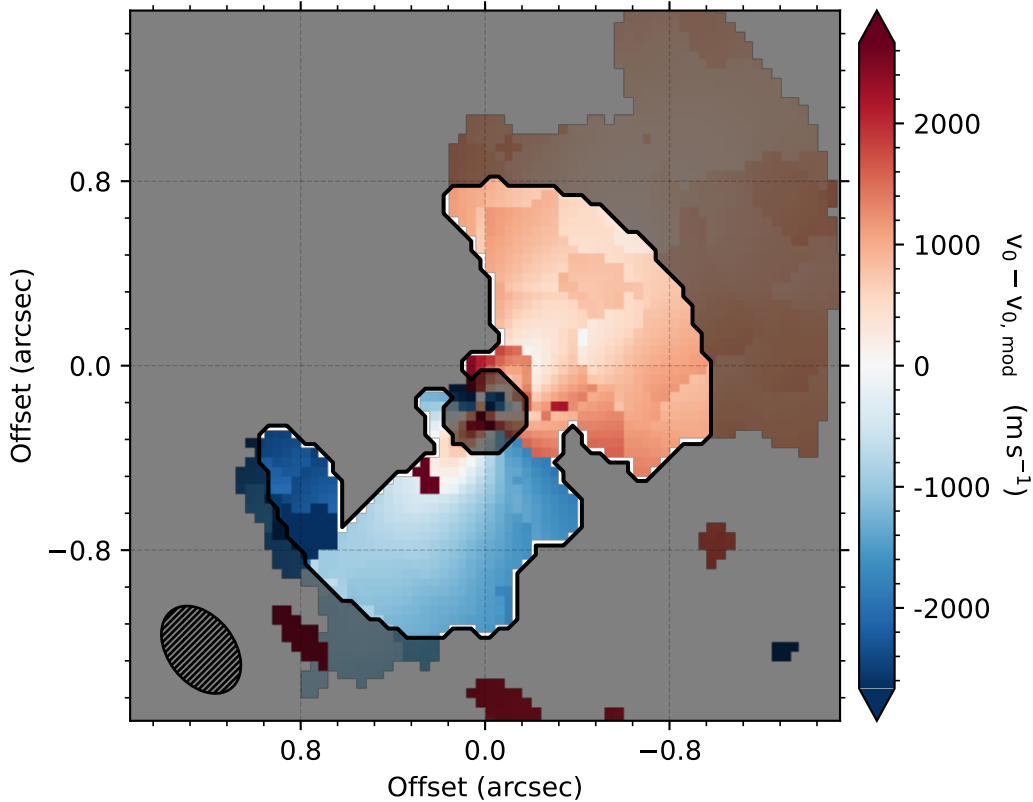
Masked Data, with Background Subtraction [km/s] = None



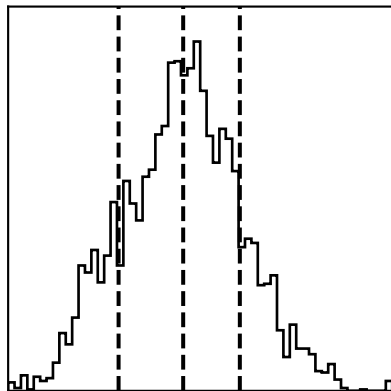
J11095407-7629253

PA: 320.5° -- Offset (-0.0,-0.2)

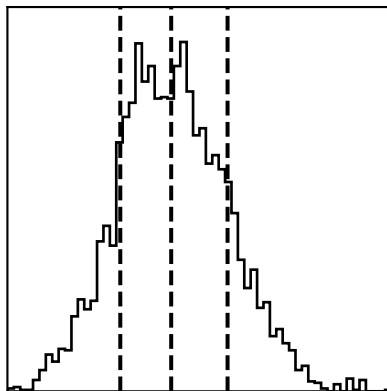
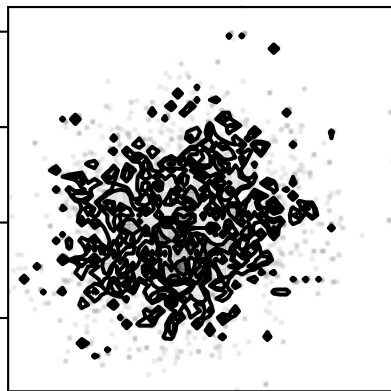




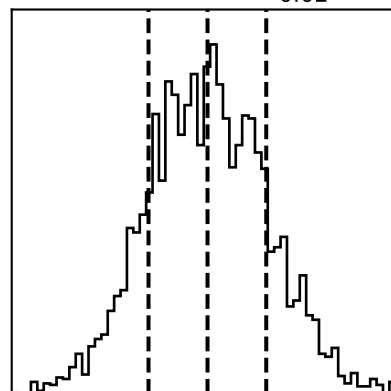
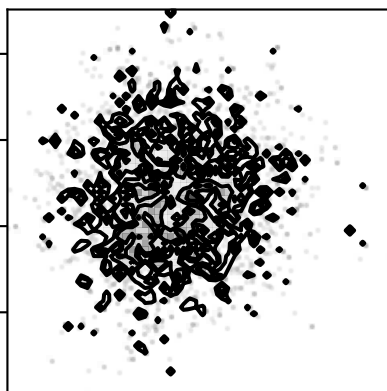
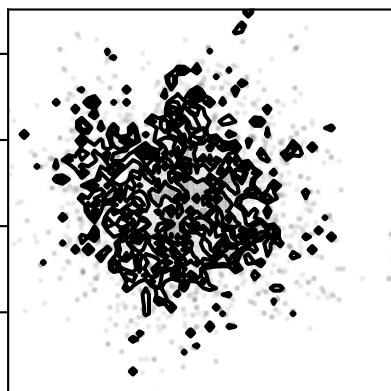
PA = $320.48^{+0.03}_{-0.03}$



vlsr = $4788.95^{+0.59}_{-0.53}$



inc = $48.28^{+0.02}_{-0.02}$



320.44 320.48 320.52 320.56

4788 4789 4790 4791

48.250 48.275 48.300 48.325

PA

vlsr

inc

Name: J11095407-7629253

Region: ChamI

File: /Users/calebpainter/Downloads/DECO/fits_files/ChamI/J11095407-7629253_CO_230.538GHz.image.fits

Emission Line: CO

Channels: (0, 80, 120, 150)

X-pos: 167.474685

Y-pos: -76.490436

X-offset: -0.0

Y-offset: -0.2

Literature PA: --

Eddy PA: 320.48

Literature Mass [M]: 0.544

Eddy Mass [M]: --

DECO Dict vsys [km/s]: 4.7

Eddy vlsr [m/s]: 4.79

Literature Inc: --

Eddy Inc: 48.28

Literature Distance [Mpc]: 191.0

Eddy rmin, rmax ["]: (0.2, 1)

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

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC GOOD