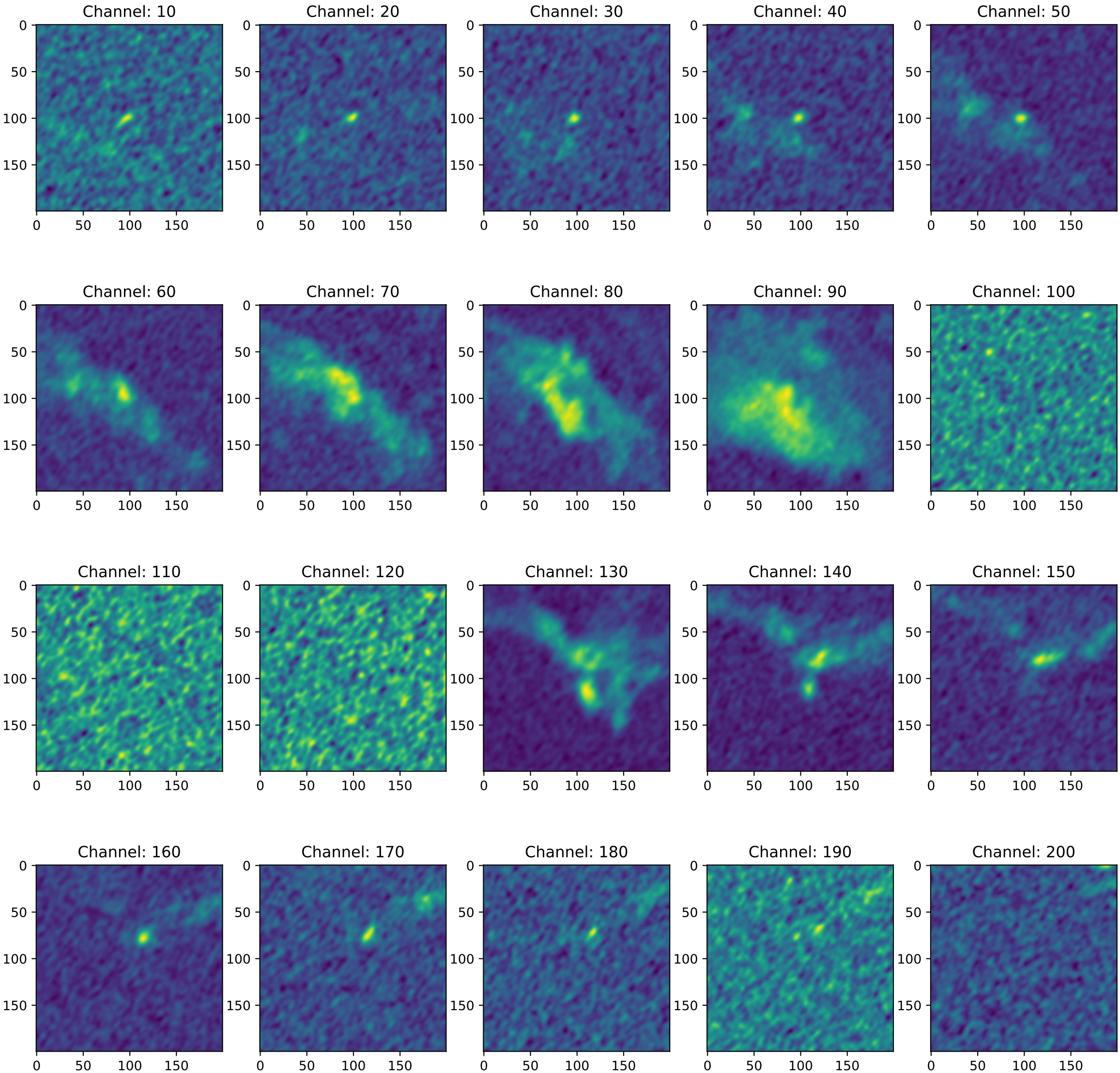
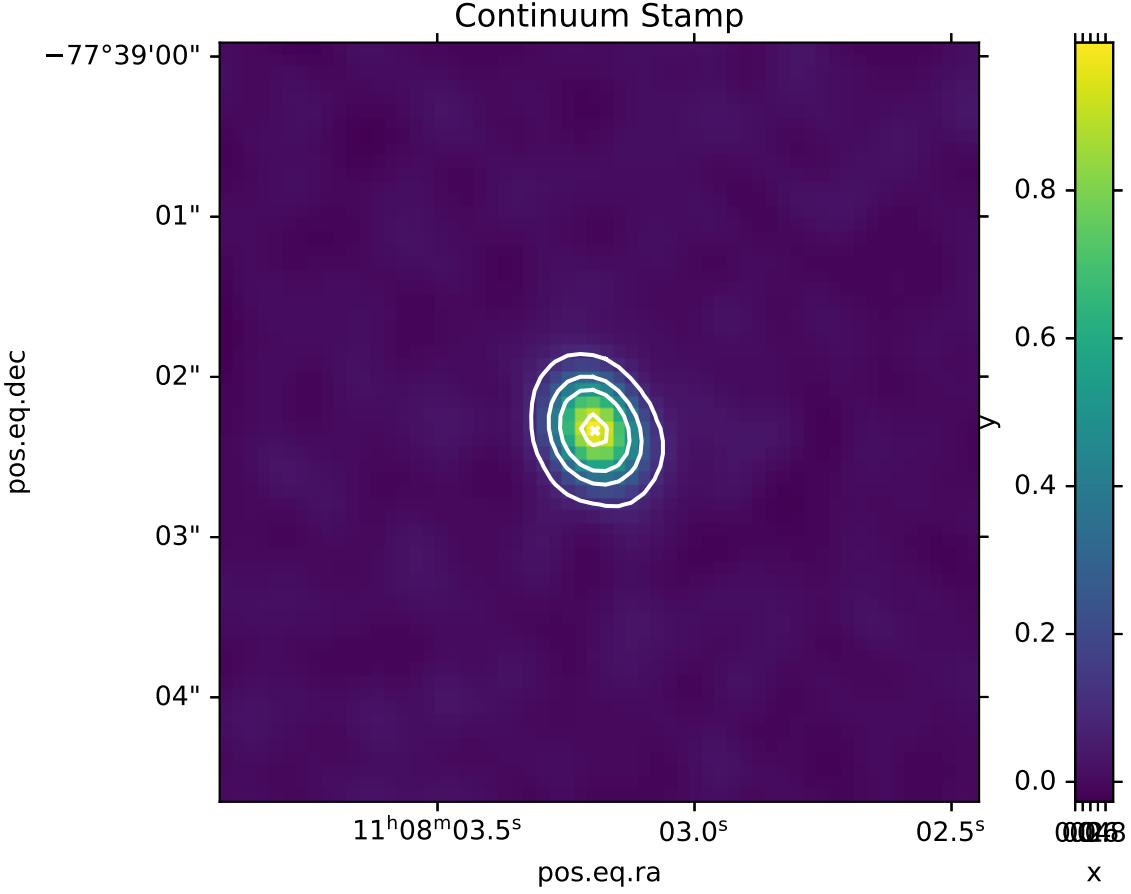
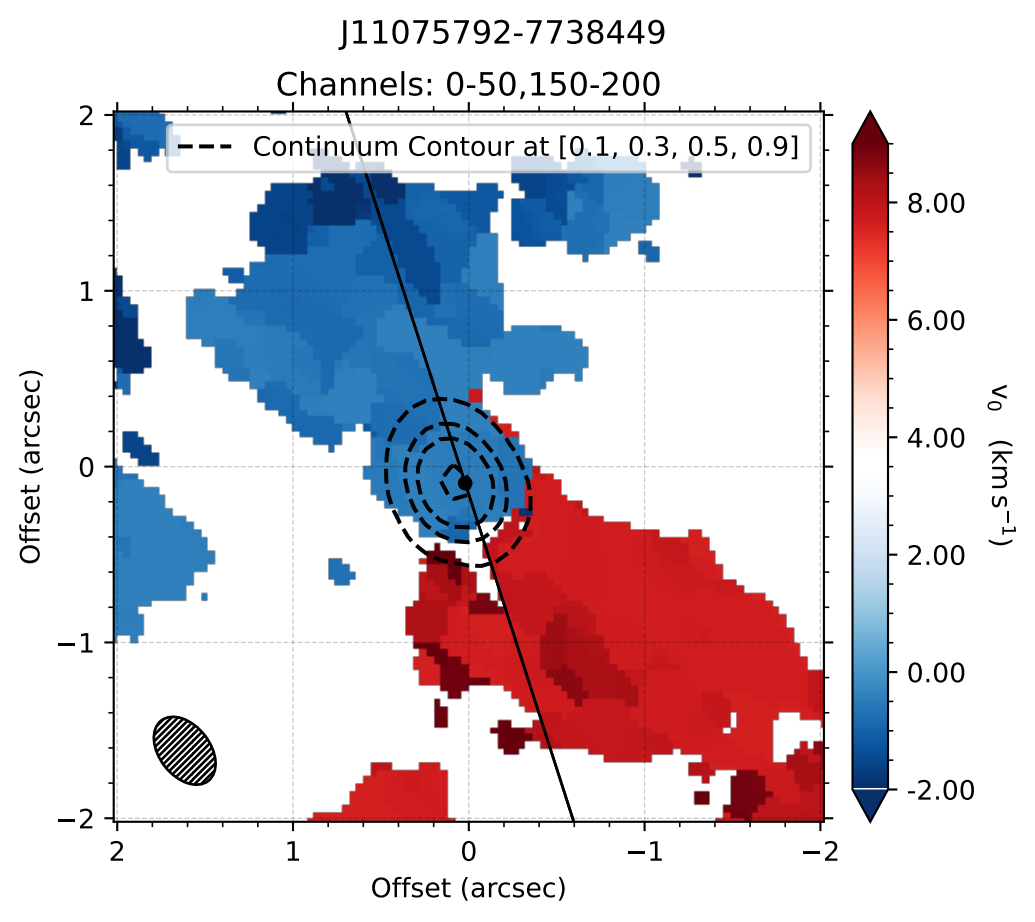
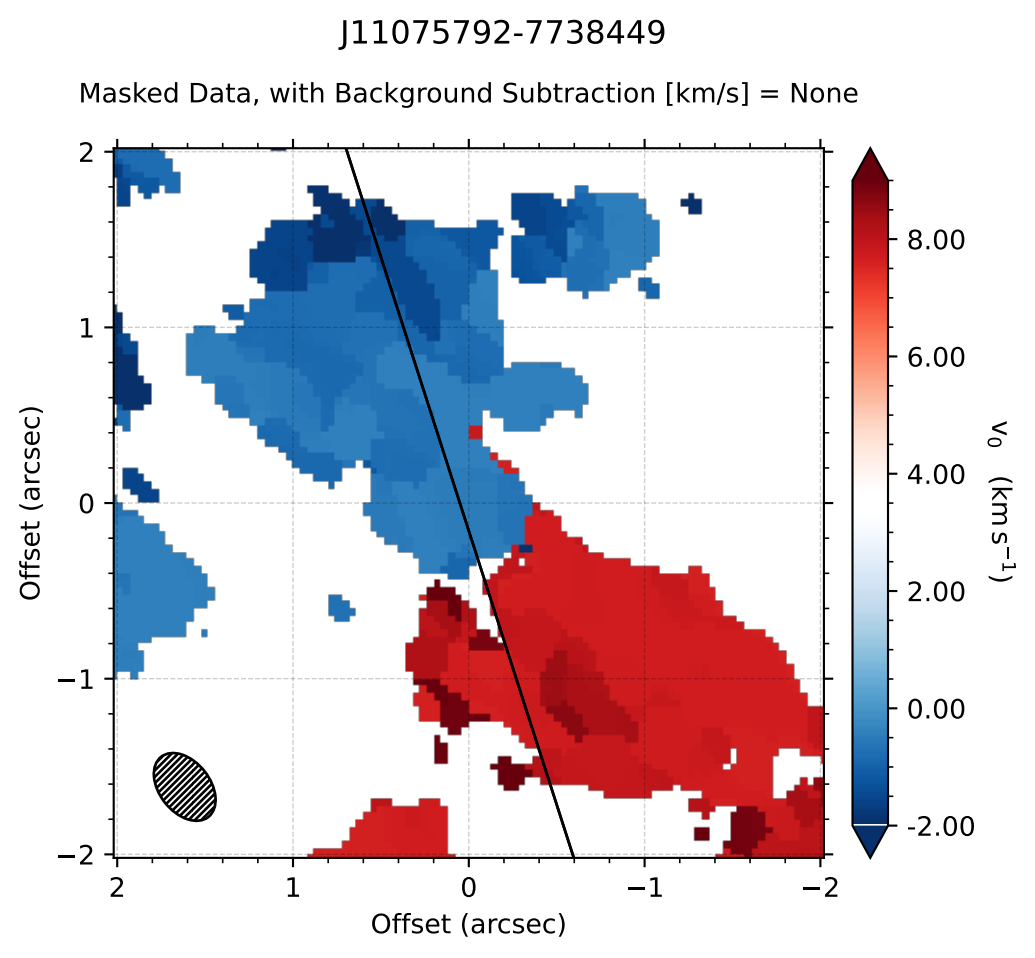
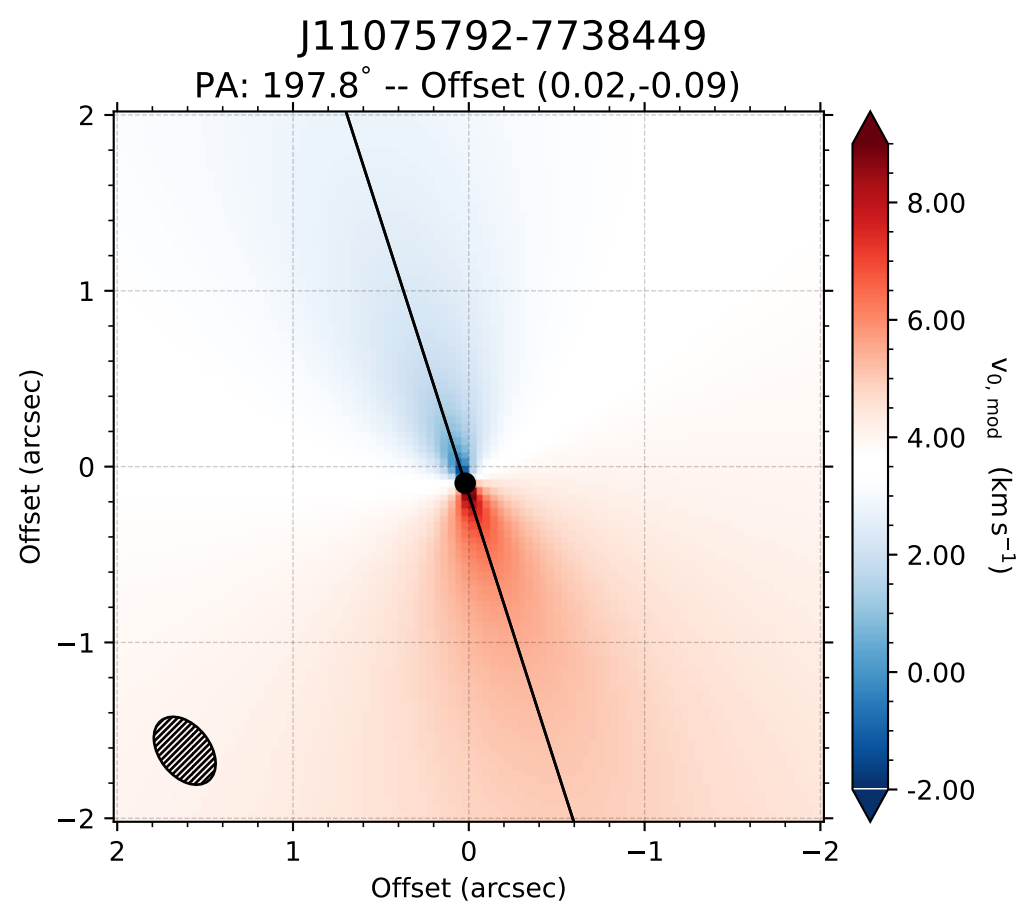
J11075792-7738449, CO

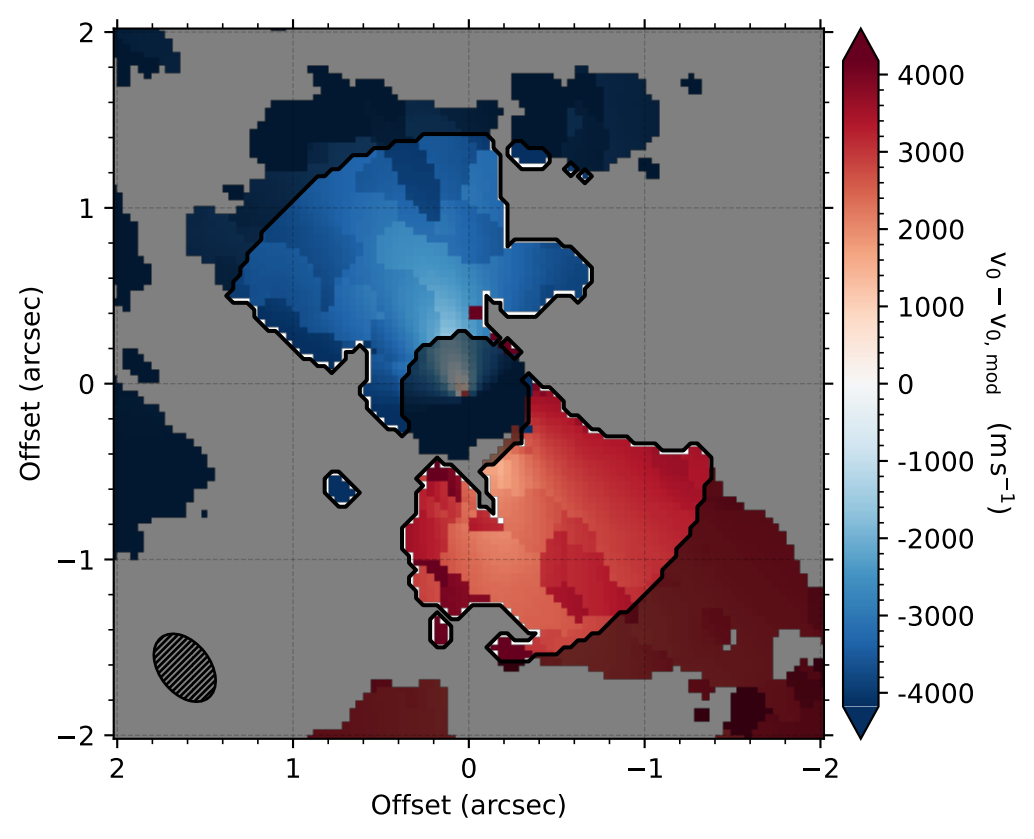


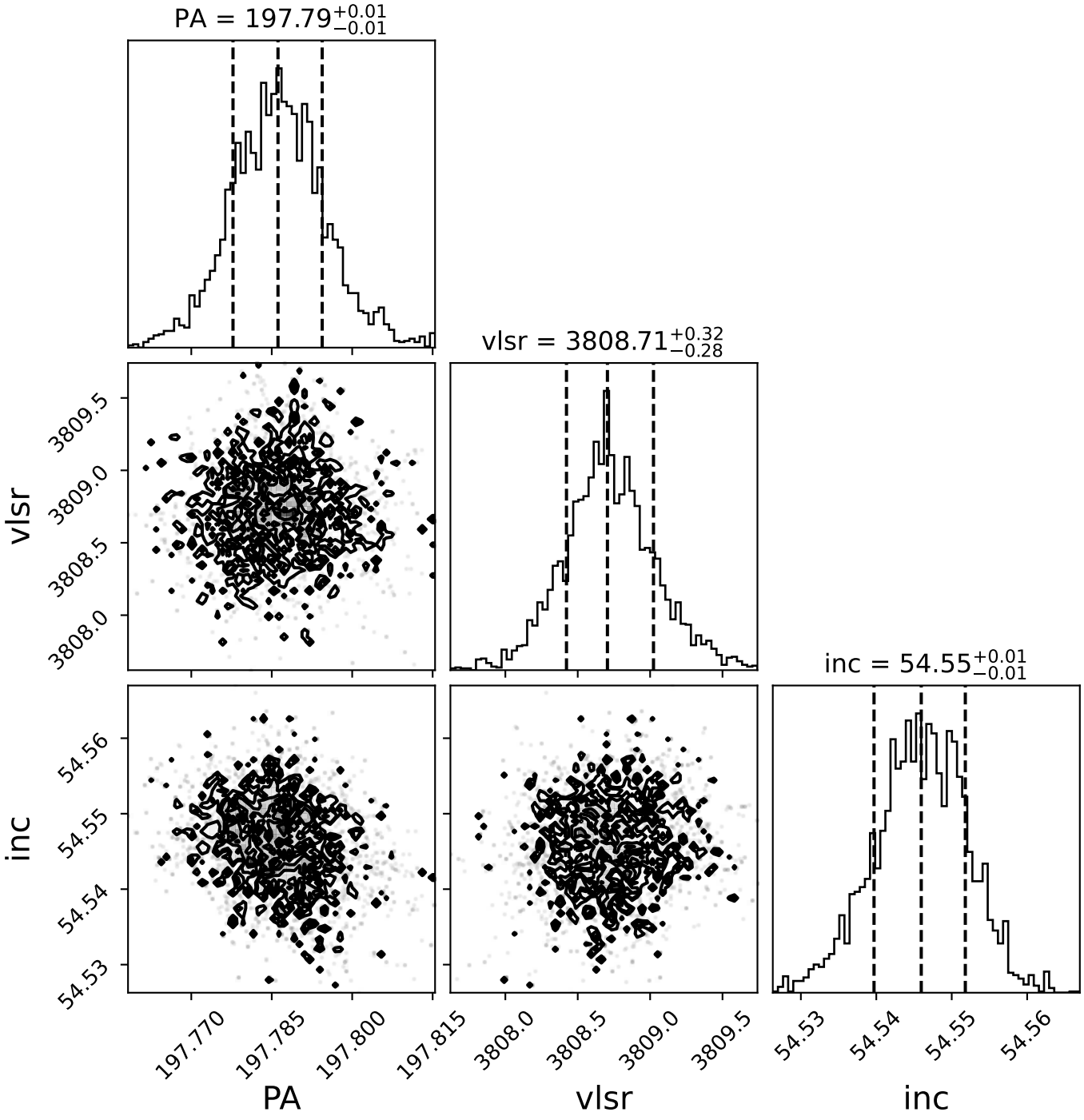

Continuum Stamp
−77°39'00"
01"
02"
03"
04"
pos.eq.dec
11h08m03.5s
03.0s
02.5s
pos.eq.ra
y
x
0.0
0.2
0.4
0.6
0.8


J11075792-7738449
Channels: 0-50,150-200
Continuum Contour at [0.1, 0.3, 0.5, 0.9]
Offset (arcsec)
Offset (arcsec)
v_0 (km s^{-1})
8.00
6.00
4.00
2.00
0.00
-2.00
2
1
0
−1
−2


J11075792-7738449
Masked Data, with Background Subtraction [km/s] = None
Offset (arcsec)
Offset (arcsec)
2
1
0
−1
−2
8.00
6.00
4.00
2.00
0.00
-2.00
v_0 (km s^{-1})


J11075792-7738449
PA: 197.8° -- Offset (0.02,-0.09)
Offset (arcsec)
Offset (arcsec)
2
1
0
−1
−2
8.00
6.00
4.00
2.00
0.00
-2.00
$v_{0,\,mod}$ (km s^{-1})


Offset (arcsec)
Offset (arcsec)
2
1
0
−1
−2
4000
3000
2000
1000
0
-1000
-2000
-3000
-4000
$v_0 - v_{0,\,\mathrm{mod}}$ (m s^{-1})


PA = 197.79$^{+0.01}_{-0.01}$
vlsr = 3808.71$^{+0.32}_{-0.28}$
inc = 54.55$^{+0.01}_{-0.01}$
PA
vlsr
inc
197.770
197.785
197.800
197.815
3808.0
3808.5
3809.0
3809.5
54.53
54.54
54.55
54.56

Name: J11075792-7738449

Region: ChamI

File: /Users/calebpainter/Downloads/DECO/fits_files/ChamI/J11075792-7738449_CO_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 50, 150, 200)

X-pos: 166.990665

Y-pos: -77.645823

X-offset: 0.02

Y-offset: -0.09

Literature PA: --

Eddy PA: 197.79

Literature Mass [M]: 0.82

Eddy Mass [M]: --

DECO Dict vsys [km/s]: 3.7

Eddy vlsr [m/s]: 3.81

Literature Inc: --

Eddy Inc: 54.55

Literature Distance [Mpc]: 191.0

Eddy rmin, rmax ["]: (0.4, 1.5)

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

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC GOOD