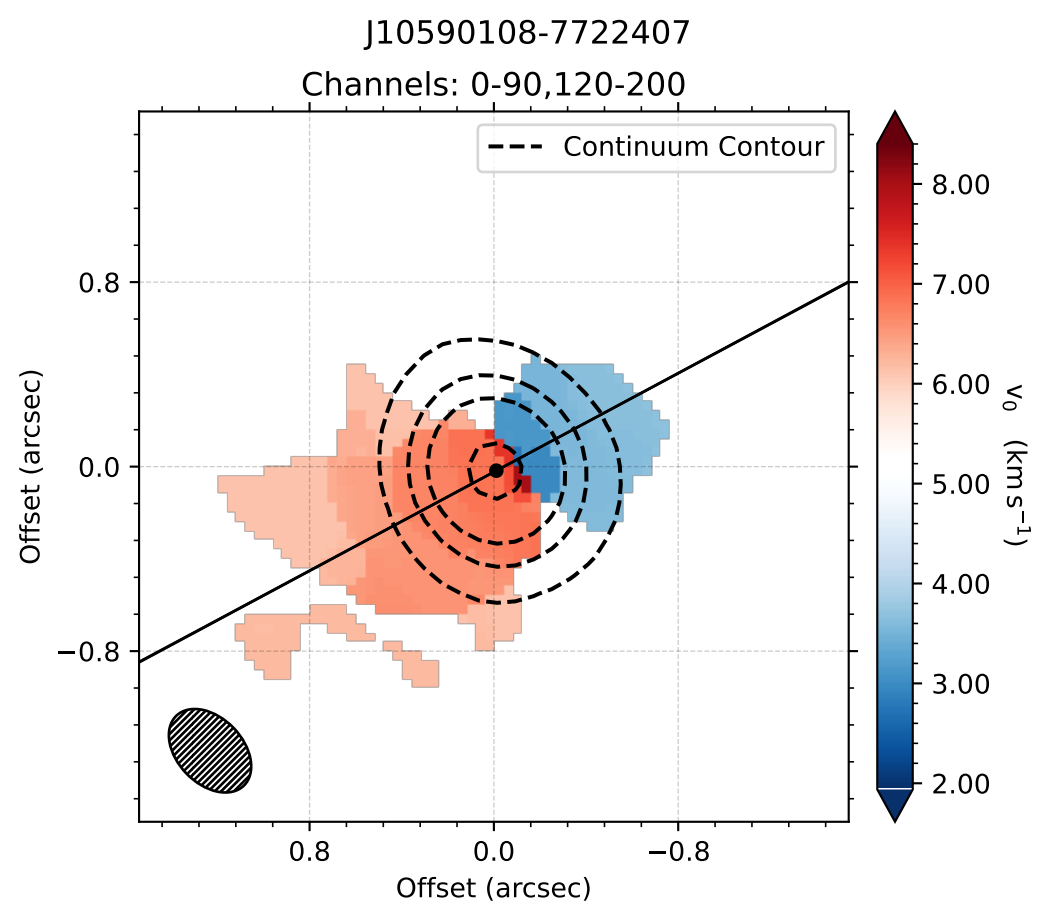
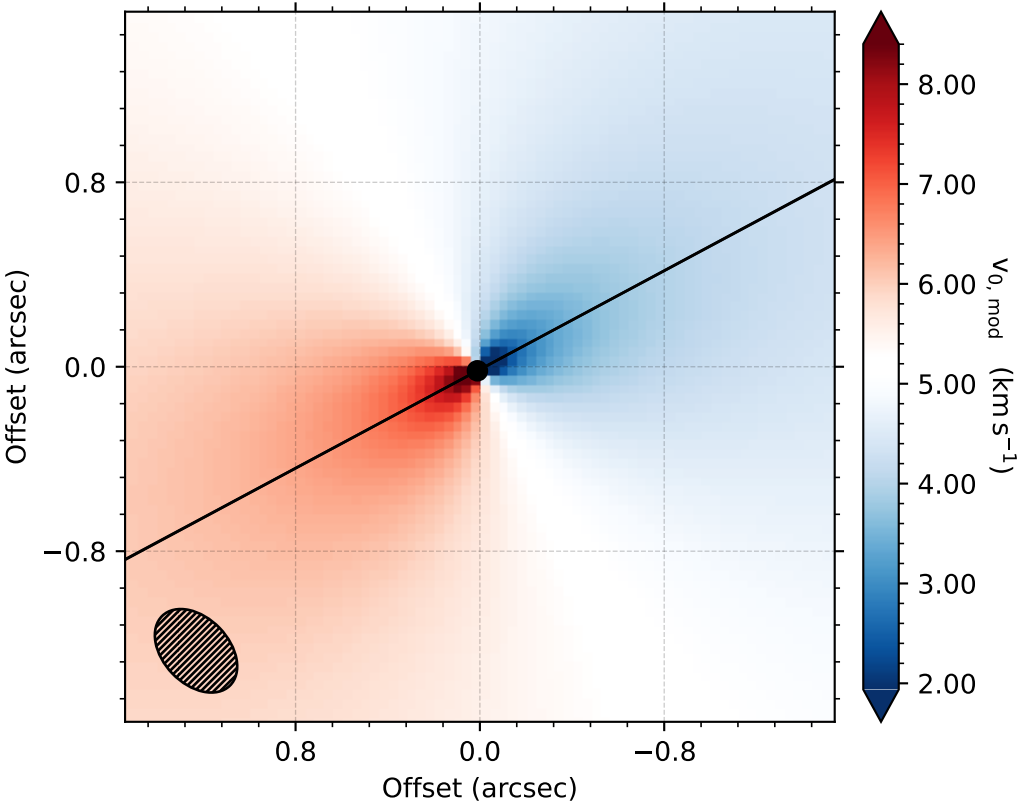
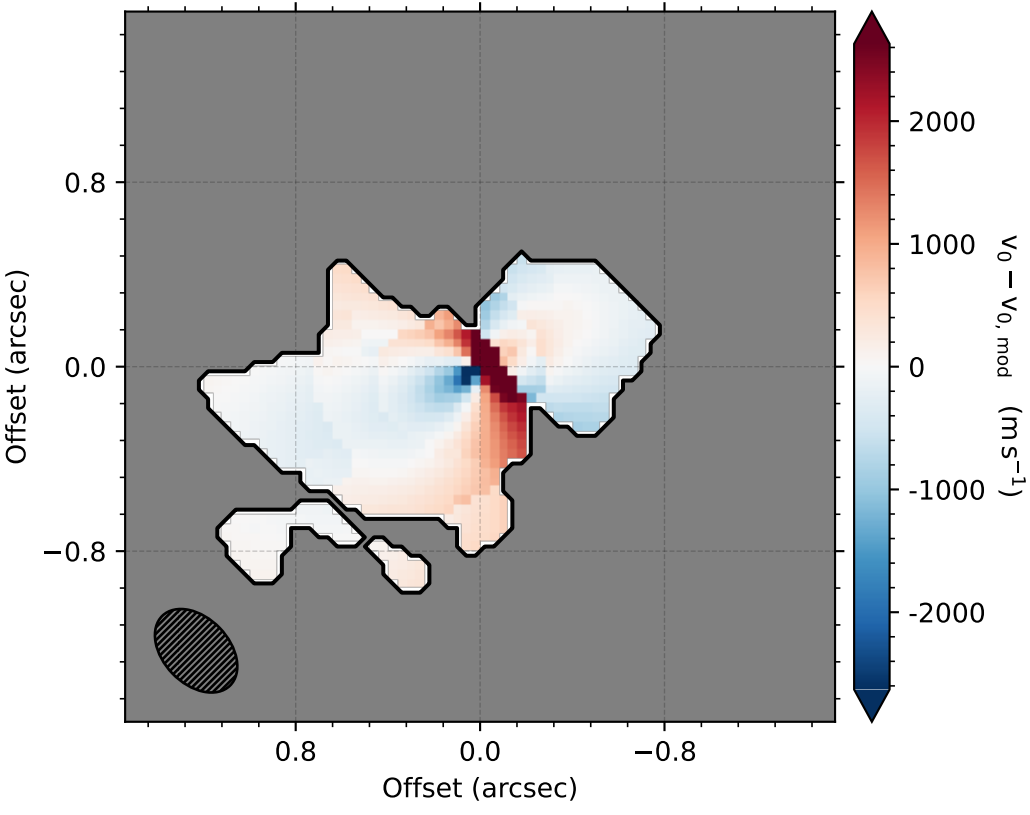
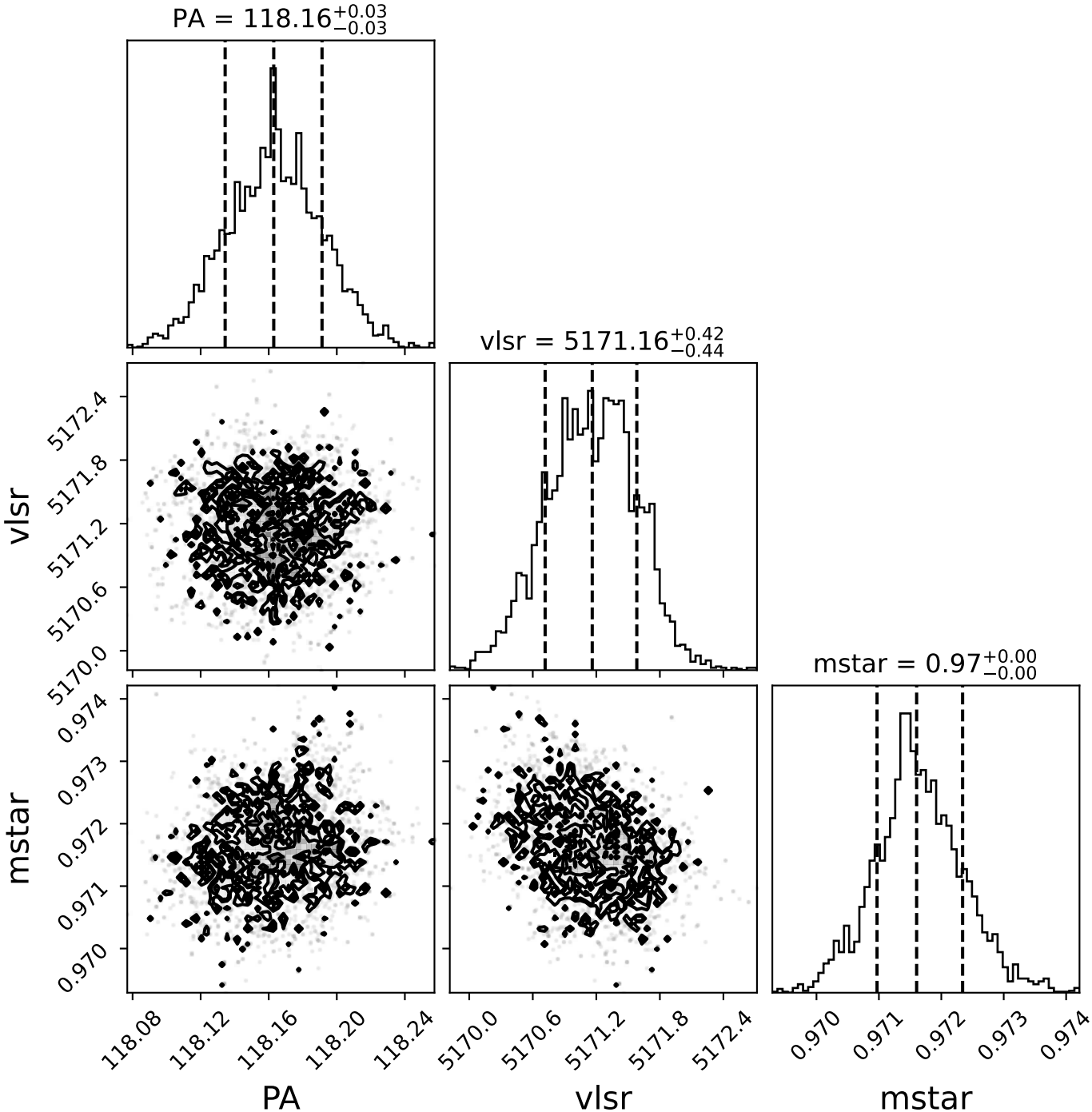

J10590108-7722407
Channels: 0-90,120-200
Continuum Contour
0.8
0.0
−0.8
Offset (arcsec)
0.8
0.0
−0.8
Offset (arcsec)
8.00
7.00
6.00
5.00
4.00
3.00
2.00
v_0 (km s^{-1})


PA: 118.2°
0.8
0.0
−0.8
Offset (arcsec)
Offset (arcsec)
8.00
7.00
6.00
5.00
4.00
3.00
2.00
$v_{0,\mathrm{mod}}$ (km s^{-1})


0.8
0.0
−0.8
Offset (arcsec)
0.8
0.0
−0.8
Offset (arcsec)
2000
1000
0
-1000
-2000
$v_0 - v_{0,\,\mathrm{mod}}$ (m s^{-1})


PA = 118.16$^{+0.03}_{-0.03}$
vlsr = 5171.16$^{+0.42}_{-0.44}$
mstar = 0.97$^{+0.00}_{-0.00}$
PA
vlsr
mstar
118.08
118.12
118.16
118.20
118.24
5170.0
5170.6
5171.2
5171.8
5172.4
0.970
0.971
0.972
0.973
0.974

J10590108-7722407, CO

Name: J10590108-7722407

Region: ChamI

File: /Users/calebpainter/Downloads/DECO/fits_files/ChamI//J10590108-7722407_CO_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 90, 120, 200)

X-pos: 164.753828

Y-pos: -77.378032

X-offset: -0.01

Y-offset: -0.02

Literature PA: -16.22

Eddy PA: 118.16

Literature Mass [M]: 0.7

Eddy Mass [M]: 0.97

DECO Dict vsys [km/s]: 4.6

Eddy vlsr [m/s]: 5.17

Literature Inc: 31.4

Eddy Inc: --

Literature Distance [Mpc]: 183.12

Eddy rmin, rmax ["]: (None, None)

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

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC GOOD