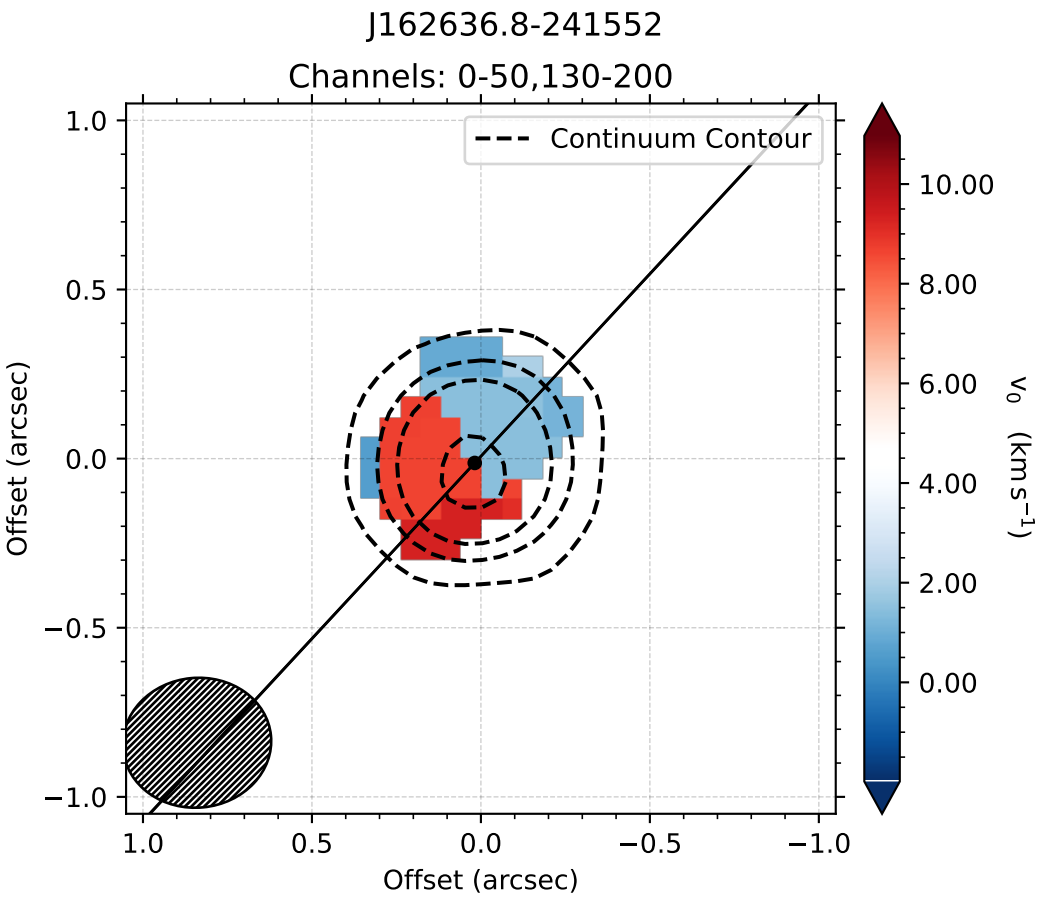
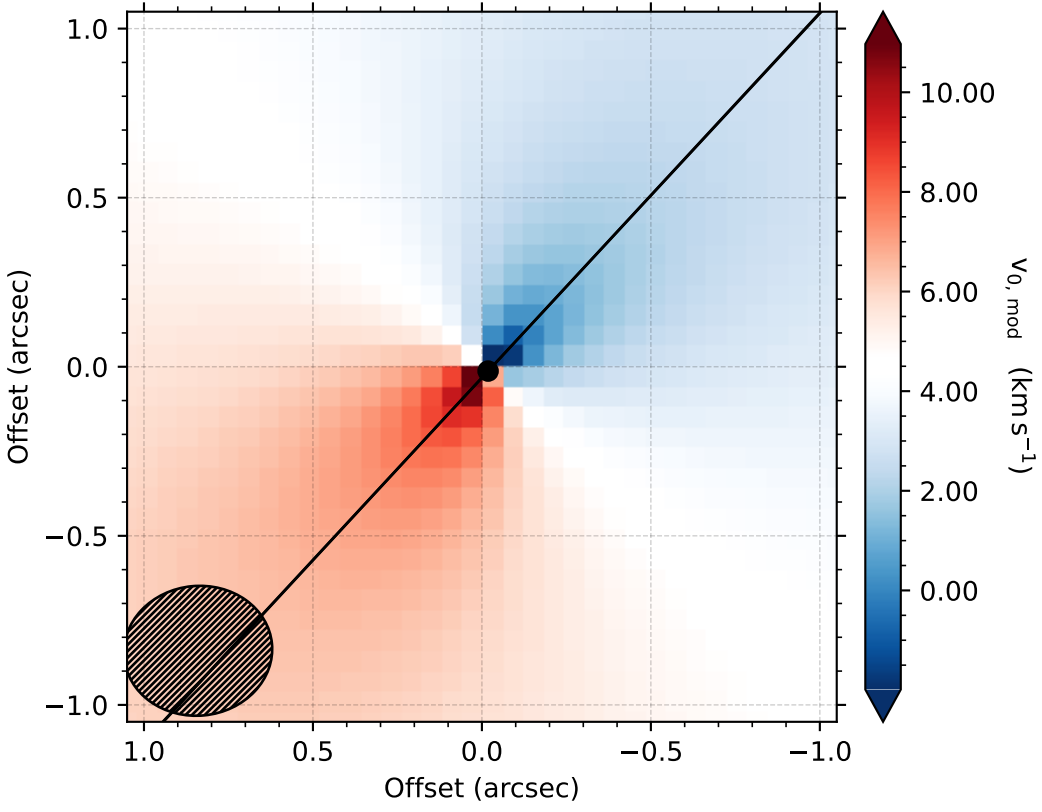
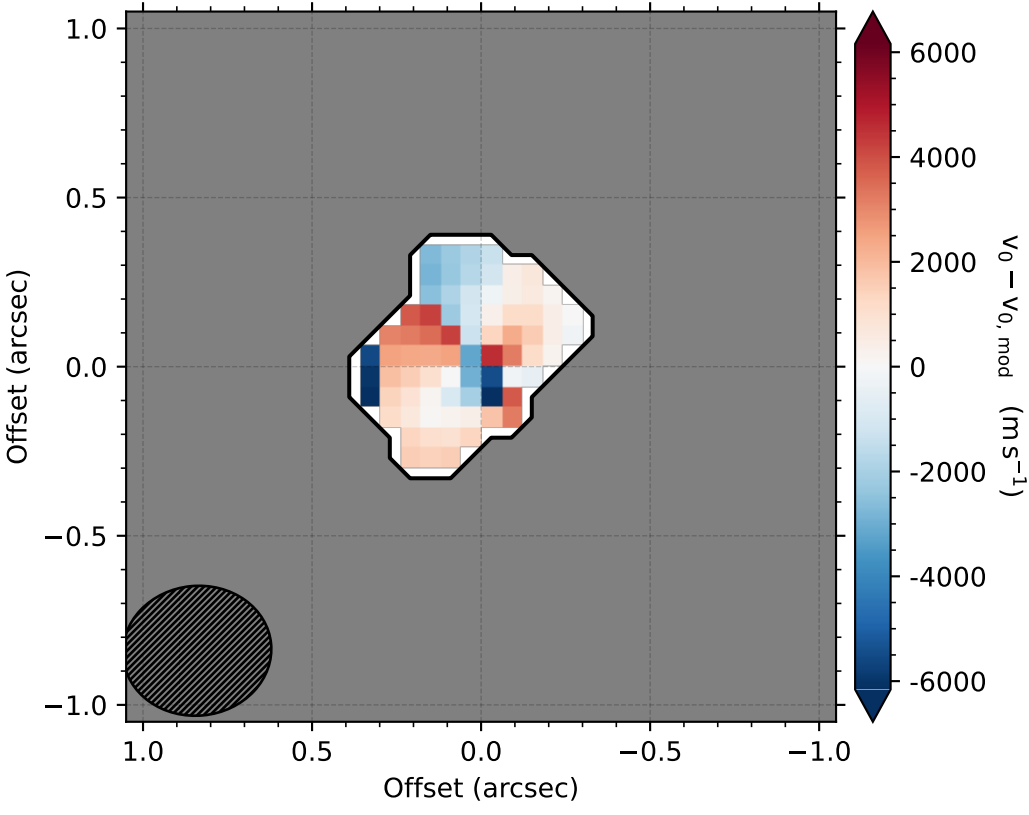
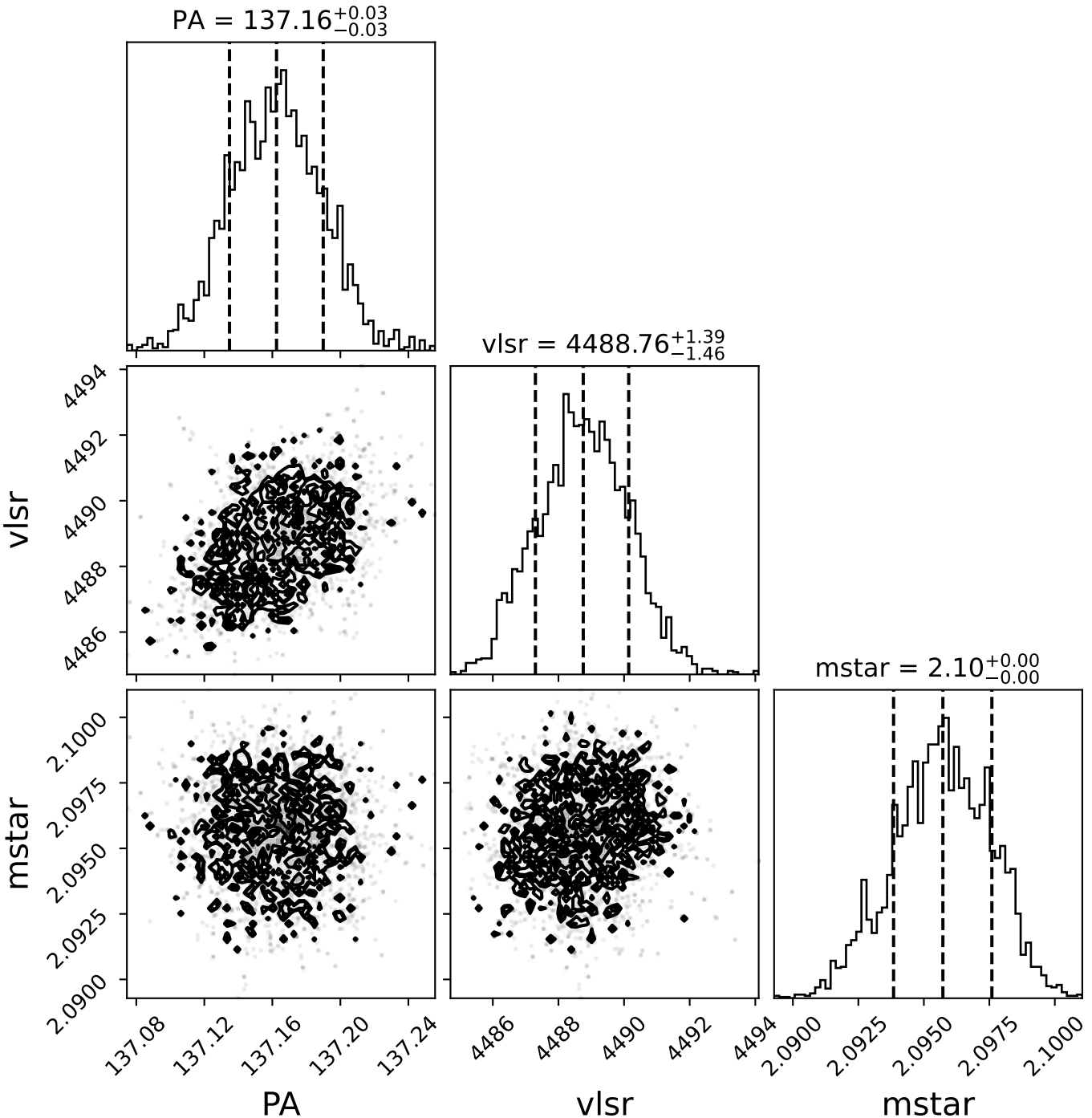

J162636.8-241552
Channels: 0-50,130-200
Continuum Contour
Offset (arcsec)
Offset (arcsec)
1.0
0.5
0.0
−0.5
−1.0
10.00
8.00
6.00
4.00
2.00
0.00
v_0 (km s^{-1})


PA: 137.2°
1.0
0.5
0.0
−0.5
−1.0
Offset (arcsec)
Offset (arcsec)
10.00
8.00
6.00
4.00
2.00
0.00
$v_{0,\,mod}$ (km s^{-1})


1.0
0.5
0.0
−0.5
−1.0
Offset (arcsec)
1.0
0.5
0.0
−0.5
−1.0
Offset (arcsec)
6000
4000
2000
0
-2000
-4000
-6000
$v_0 - v_{0,\,\mathrm{mod}}$ (m s^{-1})


PA = 137.16$^{+0.03}_{-0.03}$
vlsr = 4488.76$^{+1.39}_{-1.46}$
mstar = 2.10$^{+0.00}_{-0.00}$
PA
vlsr
mstar
137.08
137.12
137.16
137.20
137.24
4486
4488
4490
4492
4494
2.0900
2.0925
2.0950
2.0975
2.1000

J162636.8-241552, CO

Name: J162636.8-241552

Region: ROph

File: /Users/calebpainter/Downloads/DECO/fits_files/ROph//J162636.8-241552_CO_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 50, 130, 200)

X-pos: 246.653428

Y-pos: -24.264589

X-offset: 0.02

Y-offset: -0.01

Literature PA: 61.8

Eddy PA: 137.16

Literature Mass [M]: 0.631

Eddy Mass [M]: 2.1

DECO Dict vsys [km/s]: 6.1

Eddy vlsr [m/s]: 4.49

Literature Inc: 31.3

Eddy Inc: --

Literature Distance [Mpc]: 136.59

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

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

Velocity Mask: [0.7, 1, 0]

Background Velocity Removal: None

Notes: MCMC GOOD