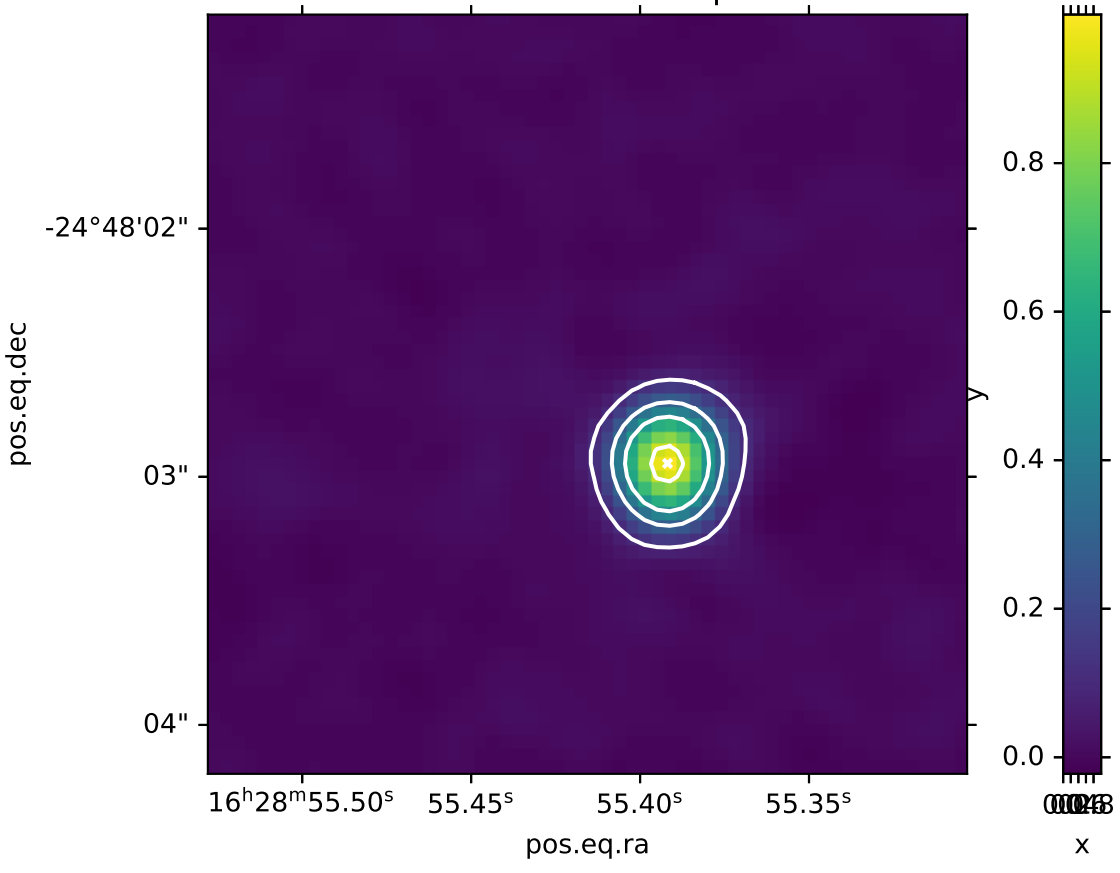
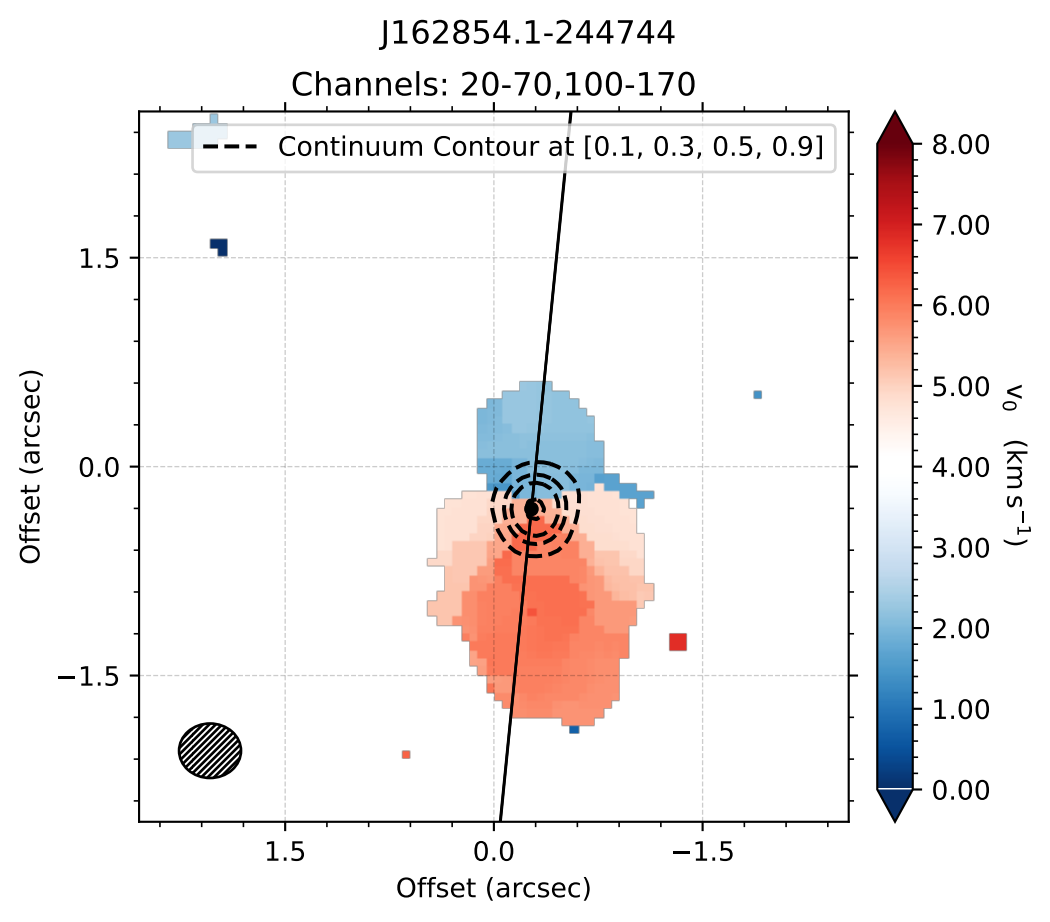
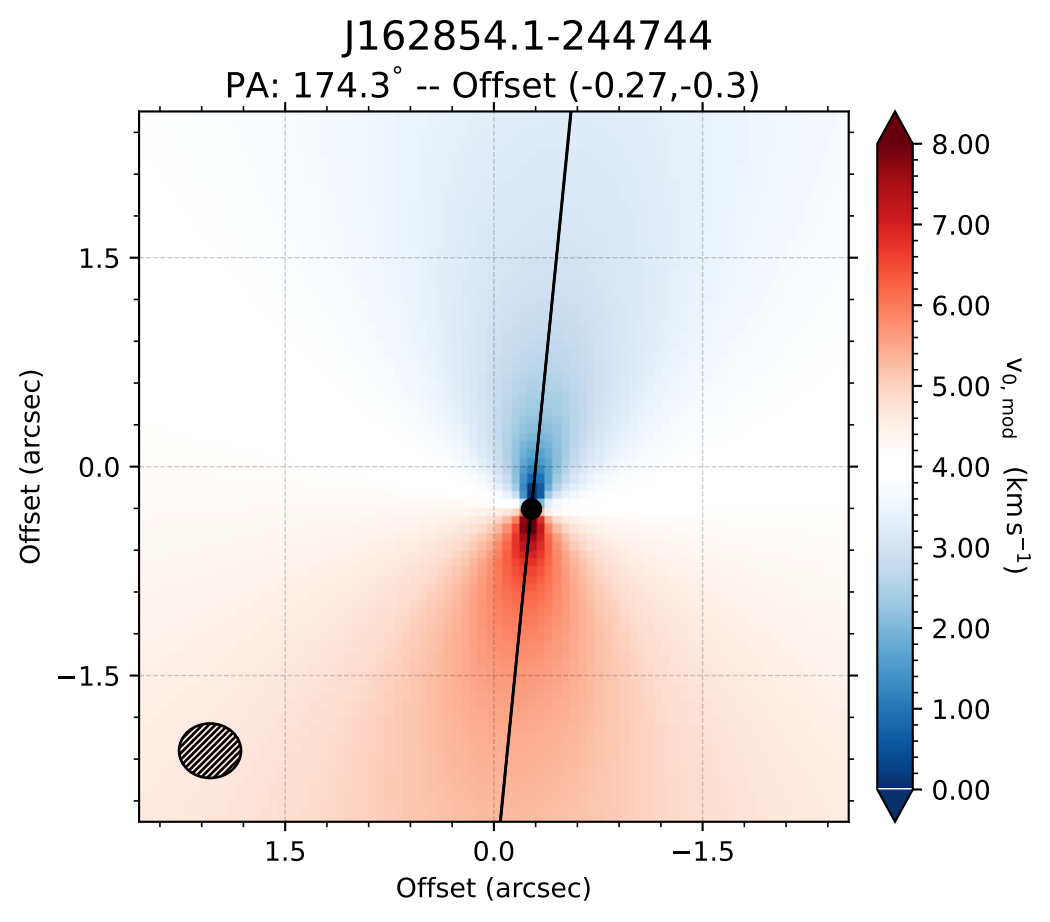
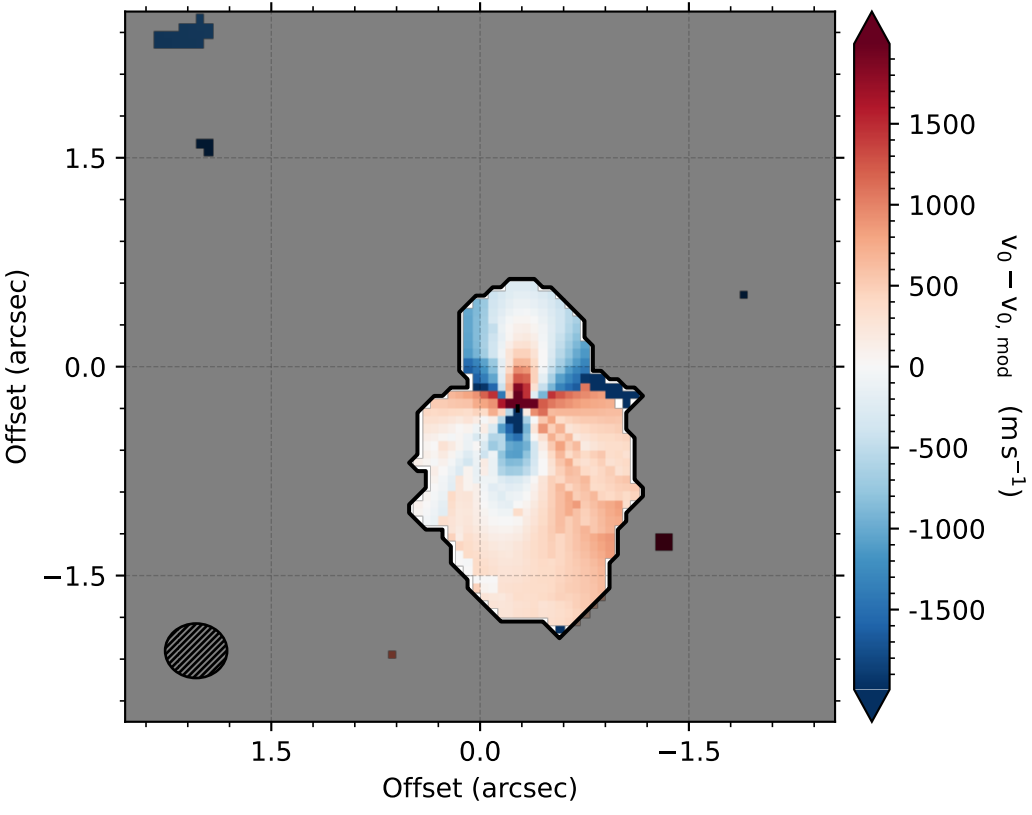
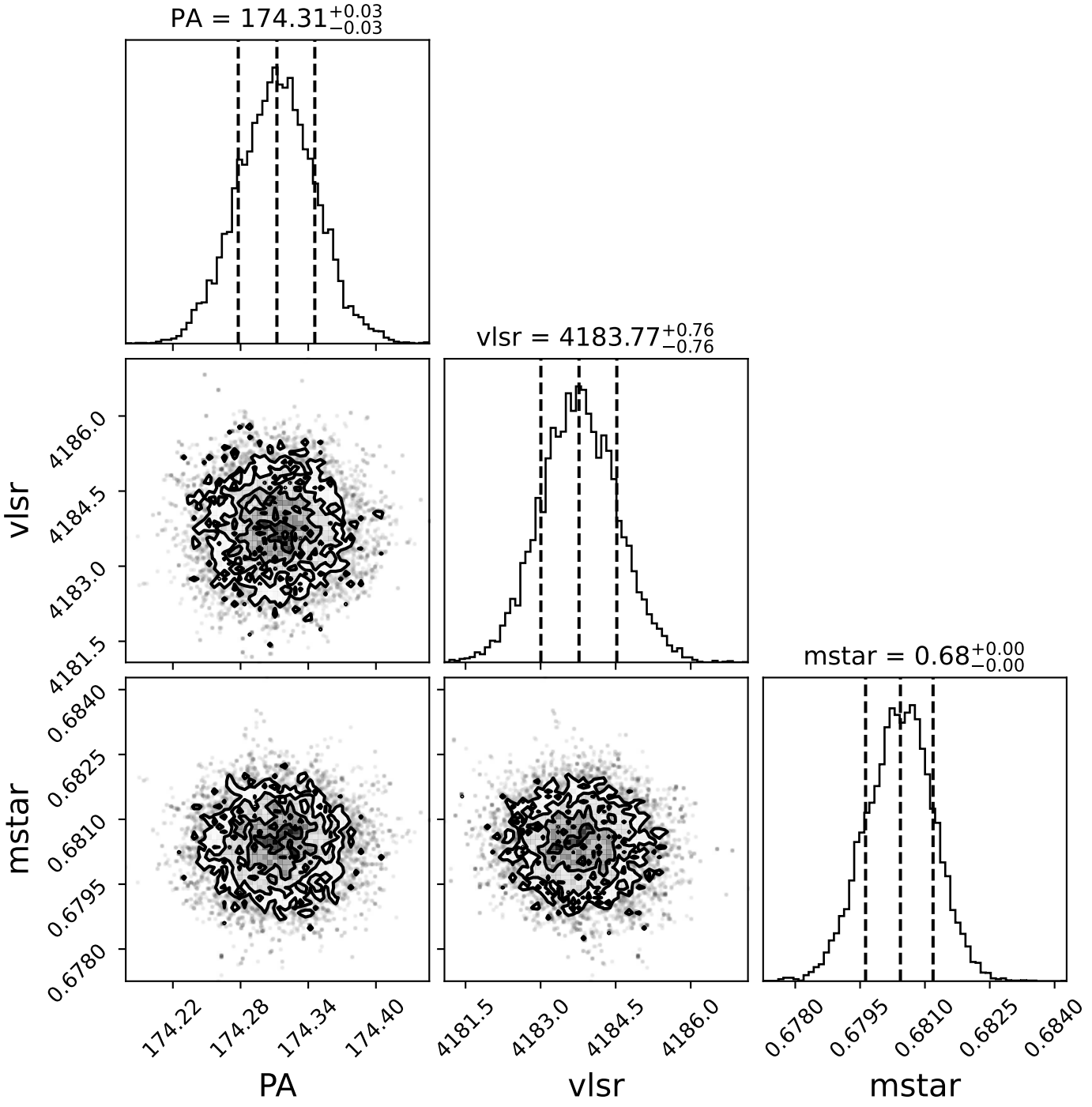
J162854.1-244744, CO


Continuum Stamp
-24°48'02"
03"
04"
pos.eq.dec
16h28m55.50s
55.45s
55.40s
55.35s
pos.eq.ra
y
x
0.8
0.6
0.4
0.2
0.0


J162854.1-244744
Channels: 20-70,100-170
Continuum Contour at [0.1, 0.3, 0.5, 0.9]
Offset (arcsec)
Offset (arcsec)
1.5
0.0
−1.5
1.5
0.0
−1.5
v_0 (km s^{-1})
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00


J162854.1-244744
PA: 174.3° -- Offset (-0.27,-0.3)
Offset (arcsec)
Offset (arcsec)
1.5
0.0
−1.5
1.5
0.0
−1.5
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
$v_{0,\,mod}$ (km s^{-1})


1.5
0.0
−1.5
Offset (arcsec)
1.5
0.0
−1.5
Offset (arcsec)
1500
1000
500
0
-500
-1000
-1500
$v_0 - v_{0,\,\mathrm{mod}}$ (m s^{-1})


PA = 174.31$^{+0.03}_{-0.03}$
vlsr = 4183.77$^{+0.76}_{-0.76}$
mstar = 0.68$^{+0.00}_{-0.00}$
PA
vlsr
mstar
174.22
174.28
174.34
174.40
4181.5
4183.0
4184.5
4186.0
0.6780
0.6795
0.6810
0.6825
0.6840

Name: J162854.1-244744

Region: ROph

File: /Users/calebpainter/Downloads/DustDrift2DiskMass/fits_files/ROph/J162854.1-244744_CO_230.538GHz.image.fits

Emmision Line: CO

Channels: (20, 70, 100, 170)

X-pos: 247.225283

Y-pos: -24.795803

X-offset: -0.27

Y-offset: -0.304

Literature PA: 122.3

Eddy PA: 174.31

Literature Mass [M]: 0.396

Eddy Mass [M]: 0.68

DECO Dict vsys [km/s]: 4.8

Eddy vlsr [m/s]: 4.18

Literature Inc: 49.8666101292059

Eddy Inc: --

Literature Distance [Mpc]: 136.46

Eddy rmin, rmax ["]: (0.05, 1.7)

Eddy params (nwalkers, nburn, nsteps): (32, 800, 500)

Velocity Mask: None

Notes: Good Disk