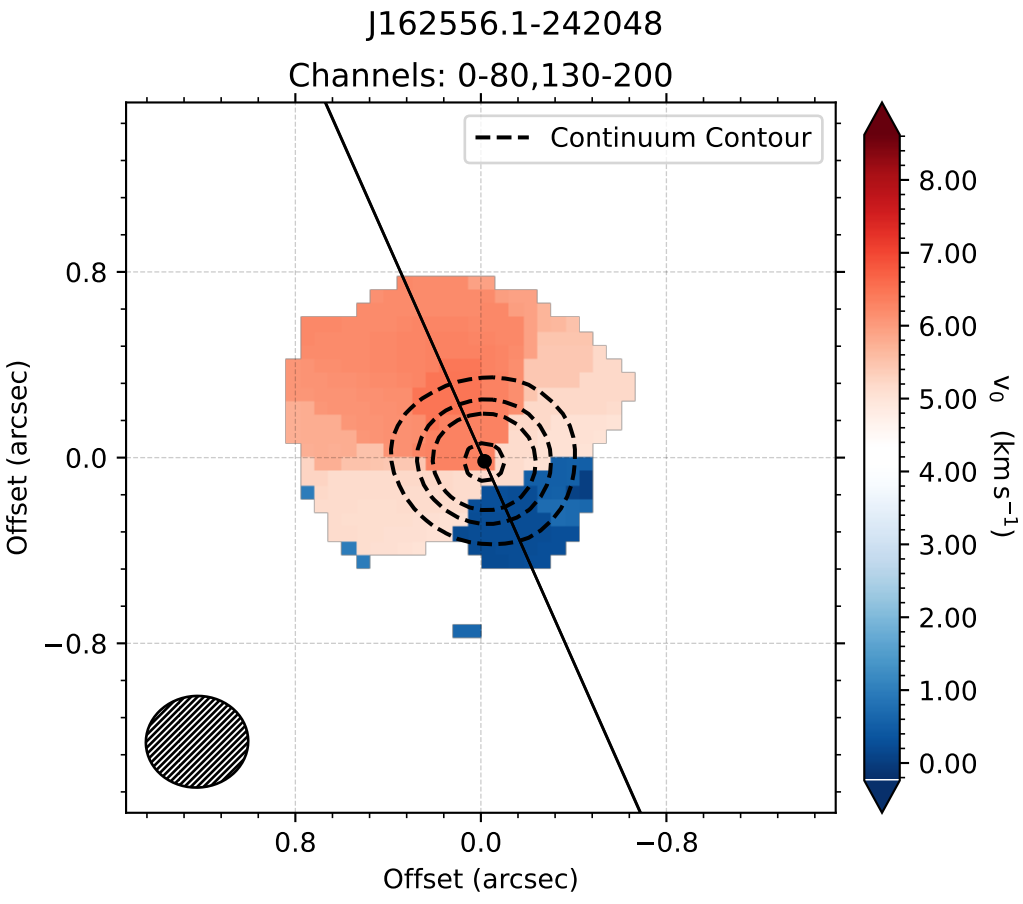
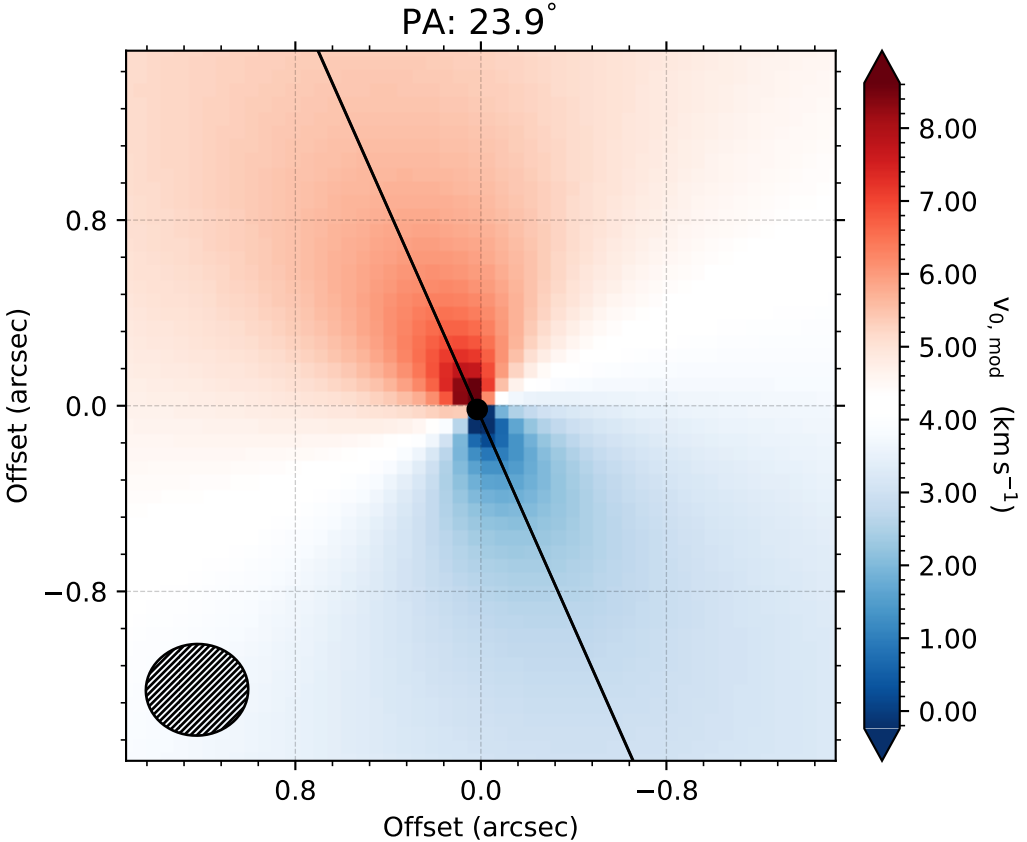
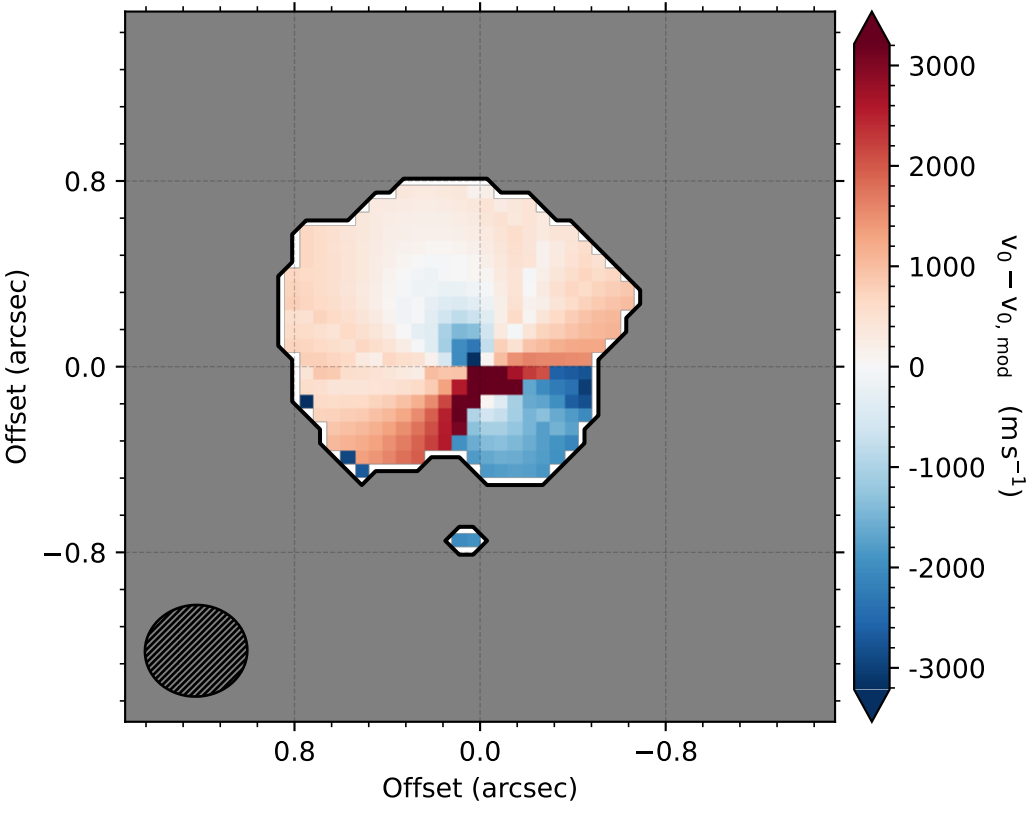
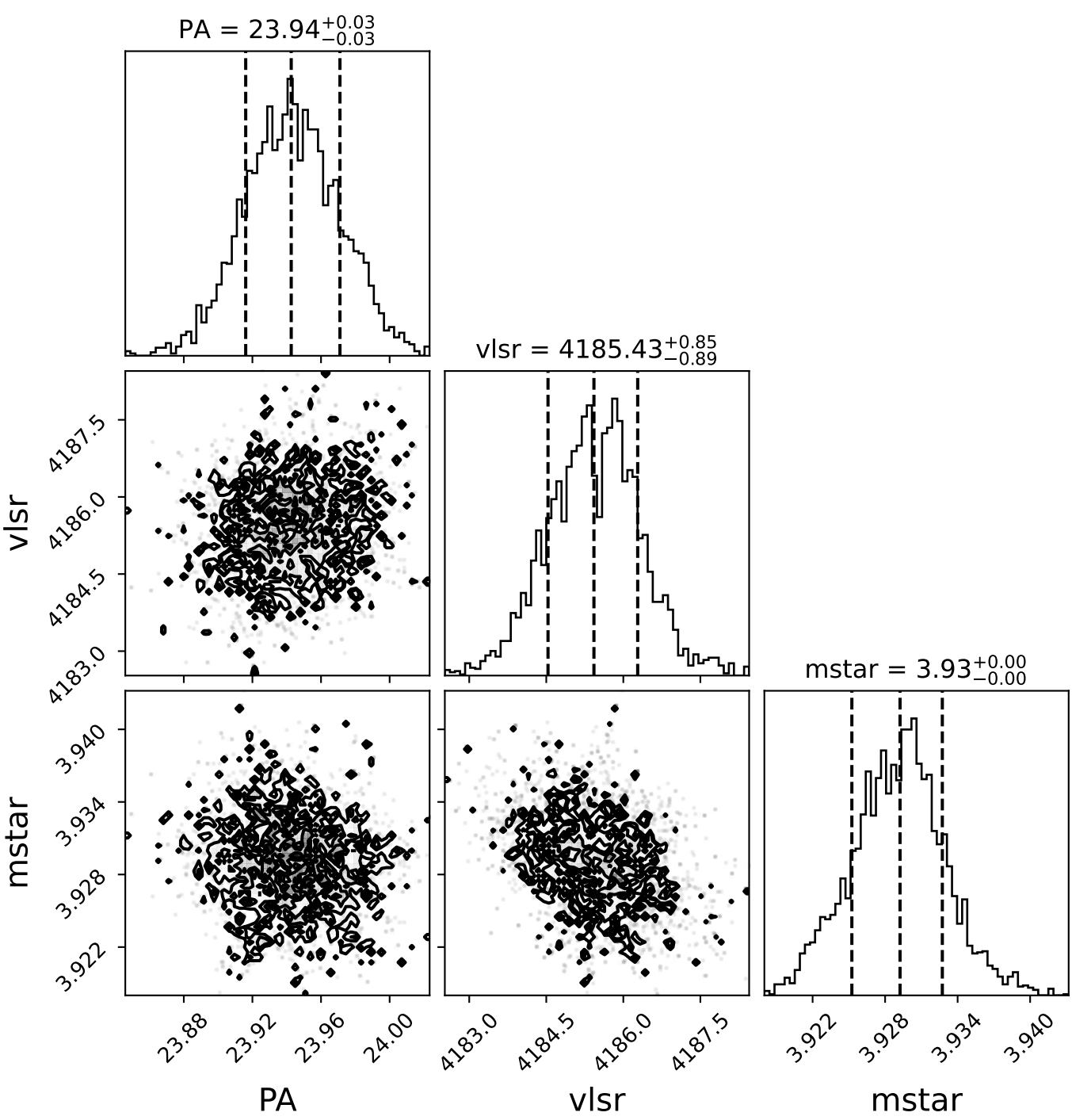
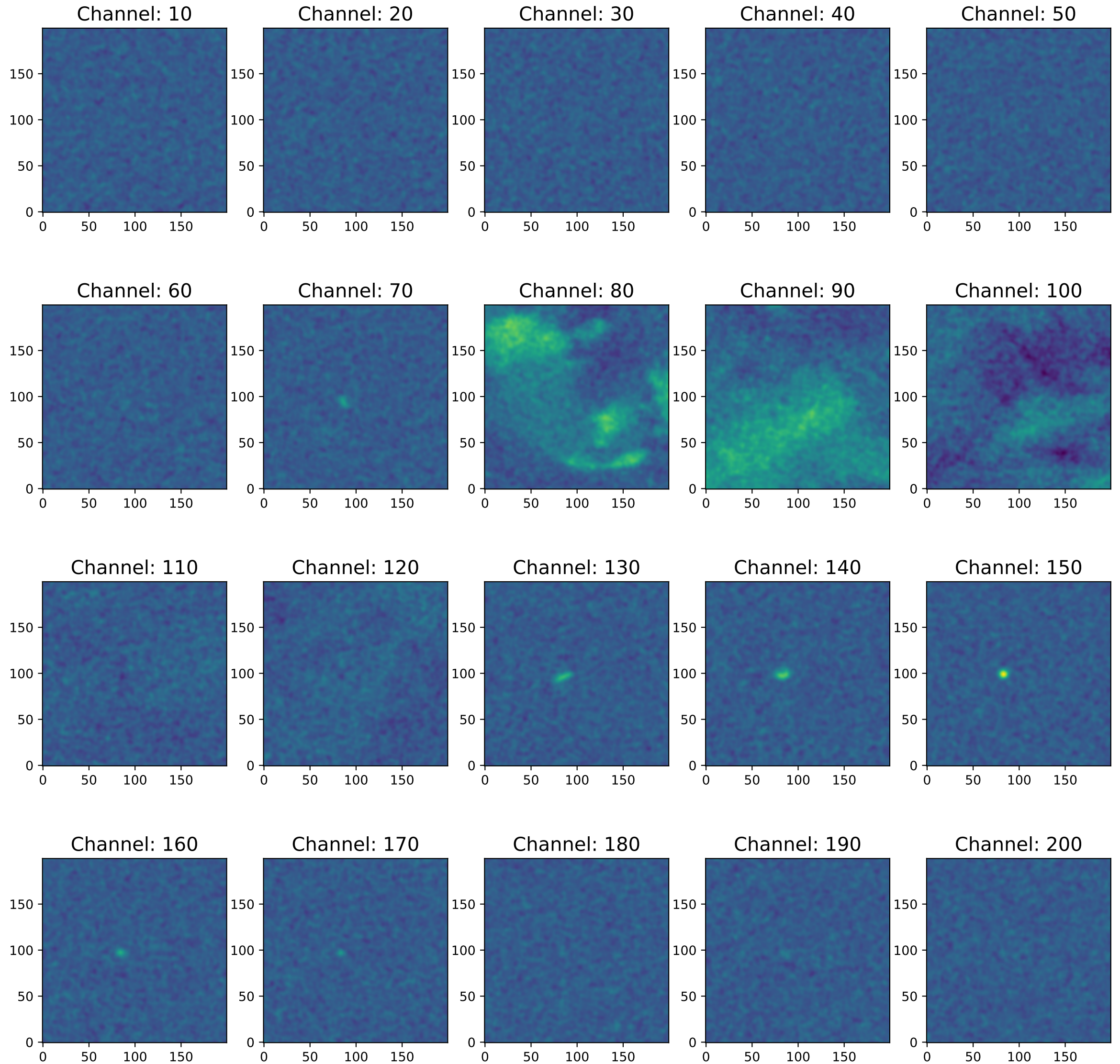

J162556.1-242048
Channels: 0-80,130-200
Continuum Contour
0.8
0.0
−0.8
Offset (arcsec)
Offset (arcsec)
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
v_0 (km s^{-1})


PA: 23.9°
0.8
0.0
−0.8
Offset (arcsec)
Offset (arcsec)
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
$v_{0,\,mod}$ (km s^{-1})


0.8
0.0
−0.8
Offset (arcsec)
0.8
0.0
−0.8
Offset (arcsec)
3000
2000
1000
0
-1000
-2000
-3000
$v_0 - v_{0,\,\mathrm{mod}}$ (m s^{-1})


PA = 23.94$^{+0.03}_{-0.03}$
vlsr = 4185.43$^{+0.85}_{-0.89}$
mstar = 3.93$^{+0.00}_{-0.00}$
PA
vlsr
mstar
23.88
23.92
23.96
24.00
4183.0
4184.5
4186.0
4187.5
3.922
3.928
3.934
3.940

J162556.1-242048, CO



Name: J162556.1-242048

Region: ROph

File: /Users/calebpainter/Downloads/DECO/fits_files/ROph//J162556.1-242048_CO_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 80, 130, 200)

X-pos: 246.483949

Y-pos: -24.346908

X-offset: -0.02

Y-offset: -0.02

Literature PA: 37.3

Eddy PA: 23.94

Literature Mass [M]: 0.61

Eddy Mass [M]: 3.93

DECO Dict vsys [km/s]: 2.7

Eddy vlsr [m/s]: 4.19

Literature Inc: 17.26

Eddy Inc: --

Literature Distance [Mpc]: 134.76

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

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

Velocity Mask: [1, 0.7, 40]

Background Velocity Removal: None

Notes: MCMC GOOD