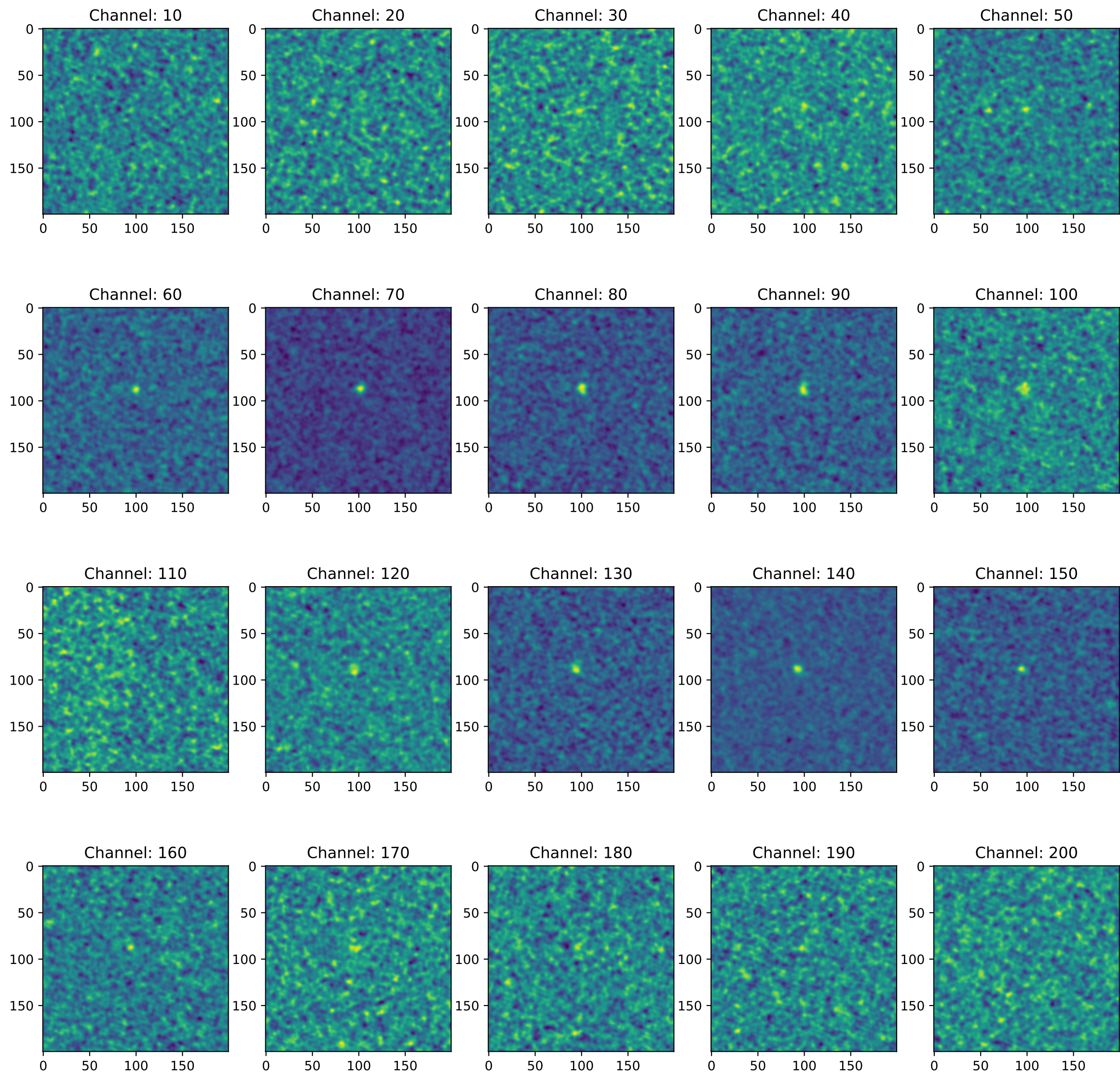
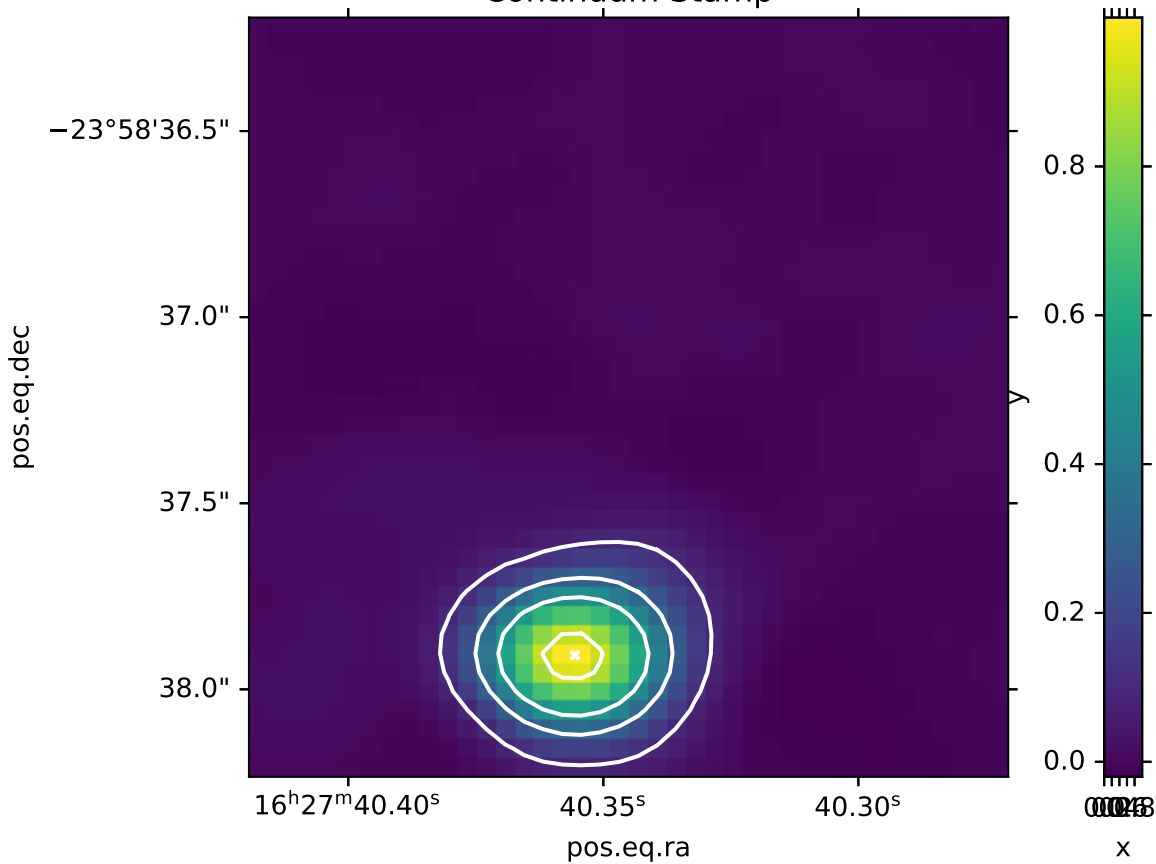


J162739.0-235818, CO

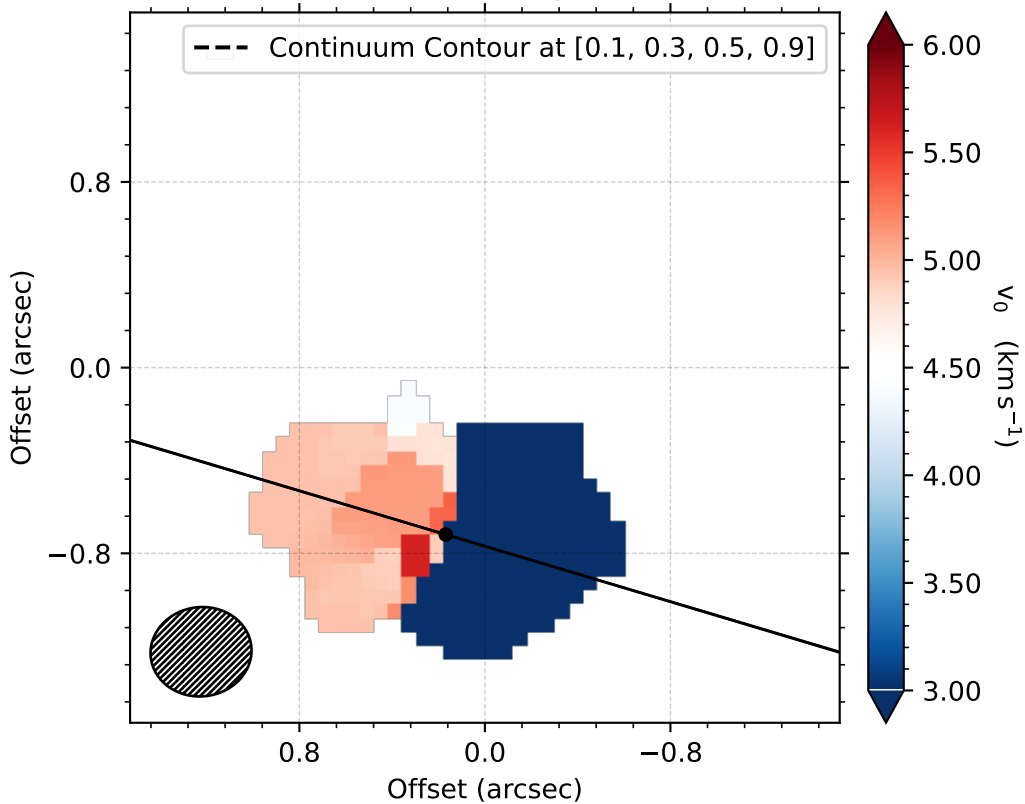


Continuum Stamp



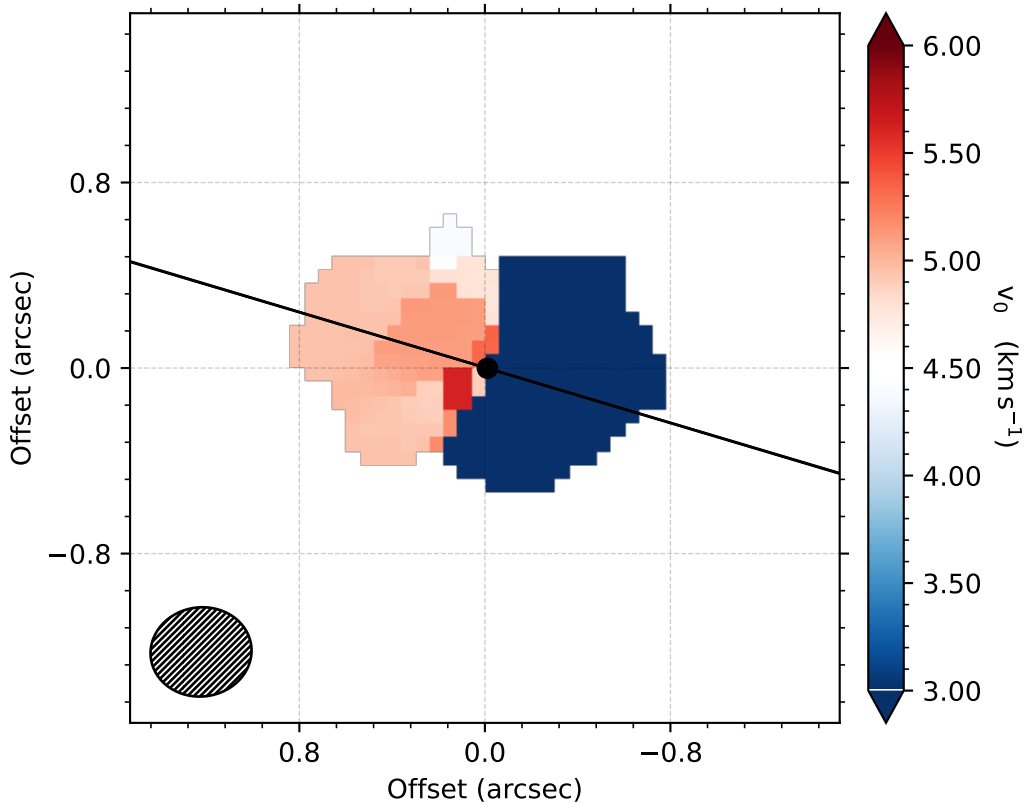
J162739.0-235818

Channels: 40-105,125-160



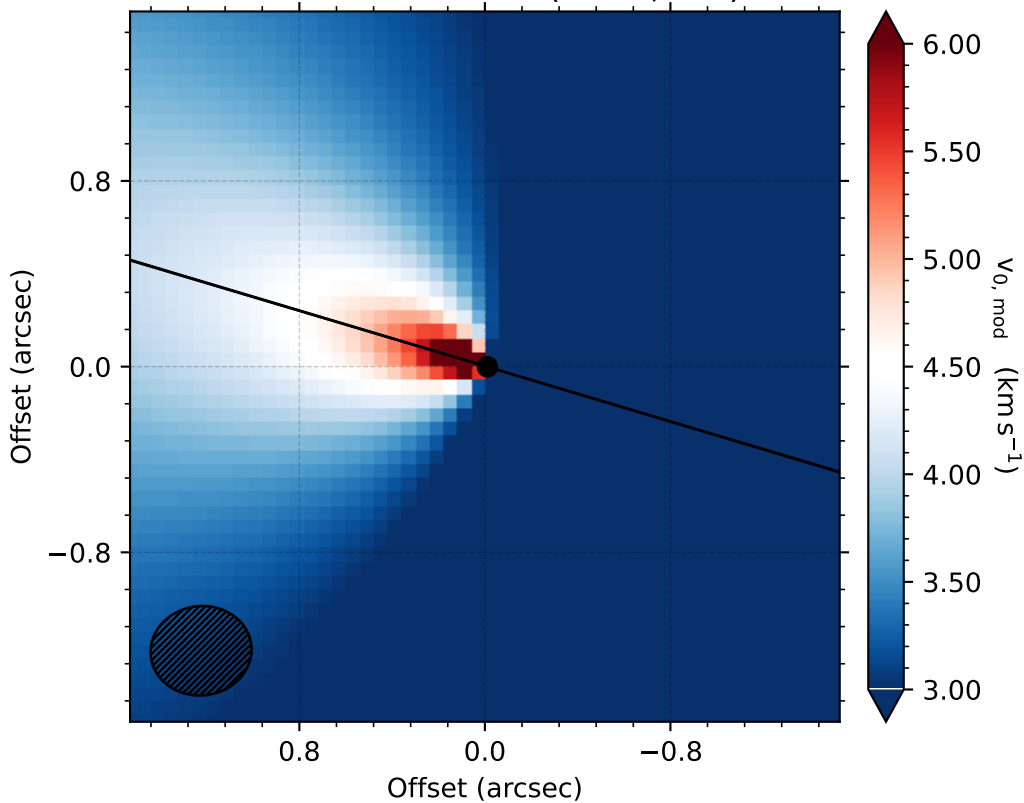
J162739.0-235818

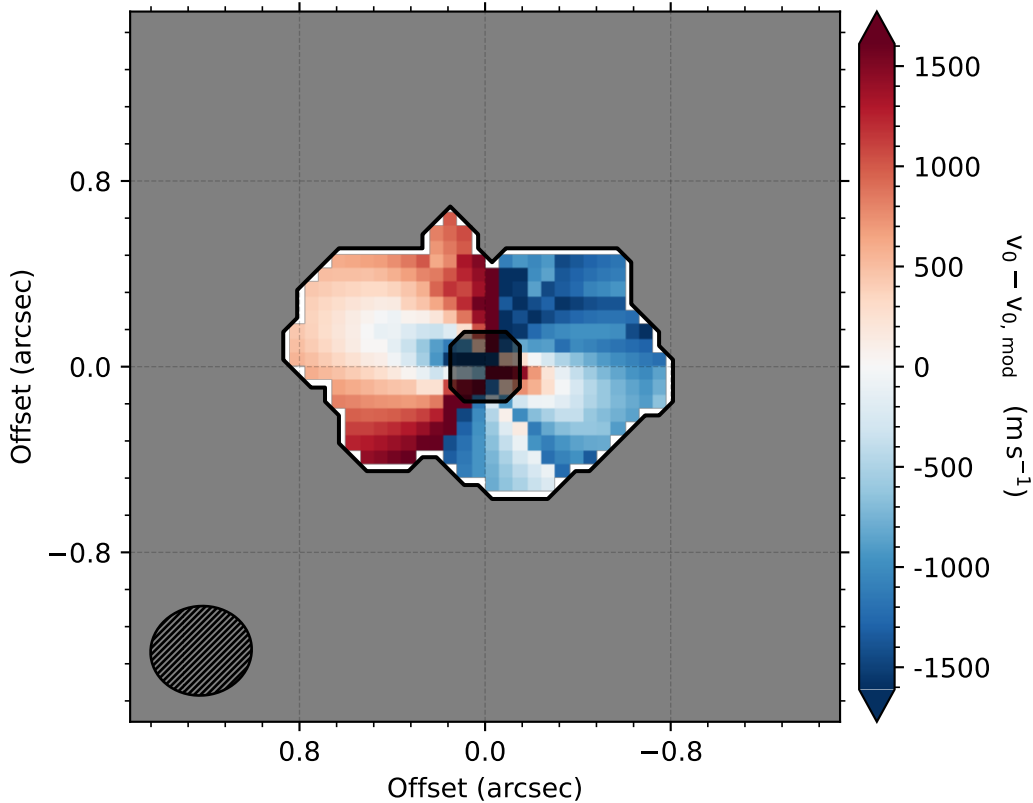
Masked Data, with Background Subtraction [km/s] = None
Force Recentered



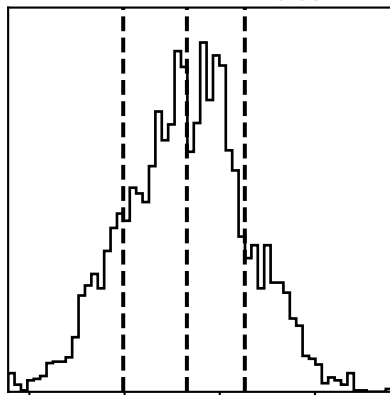
J162739.0-235818

PA: 73.4° -- Offset (-0.01,-0.0)

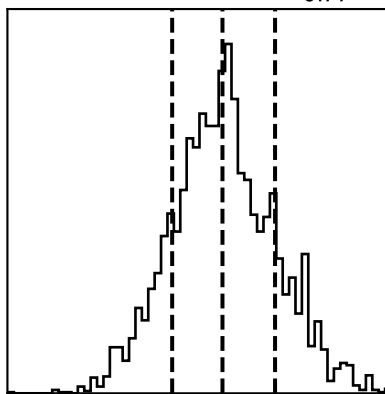




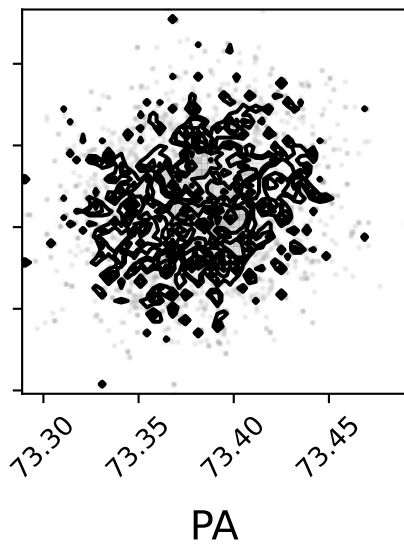
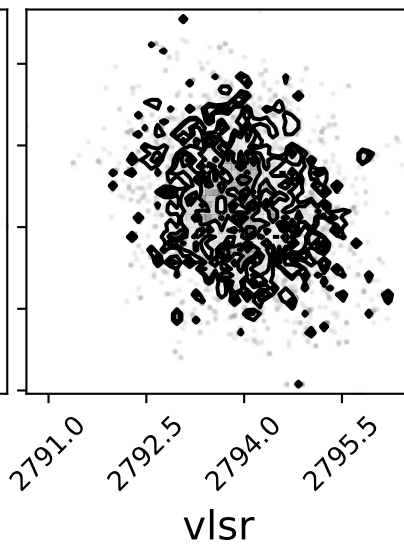
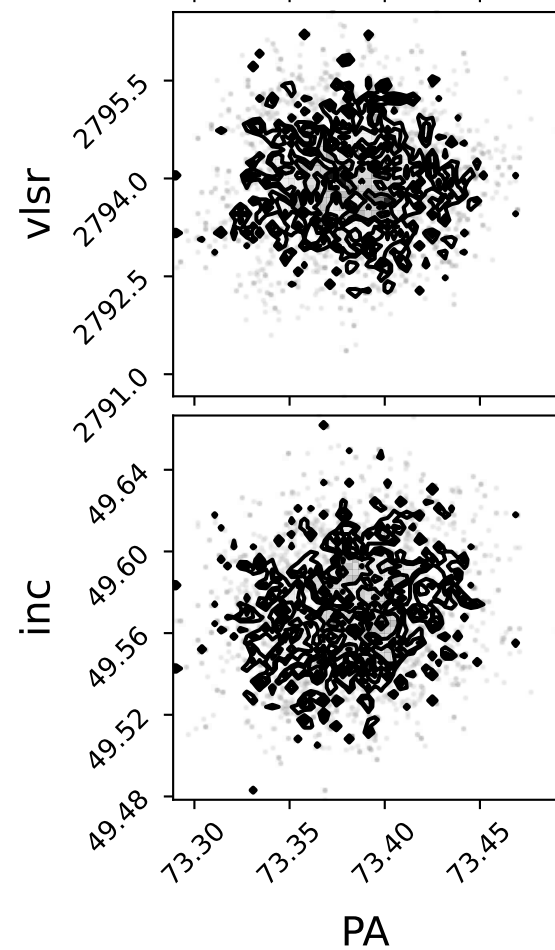
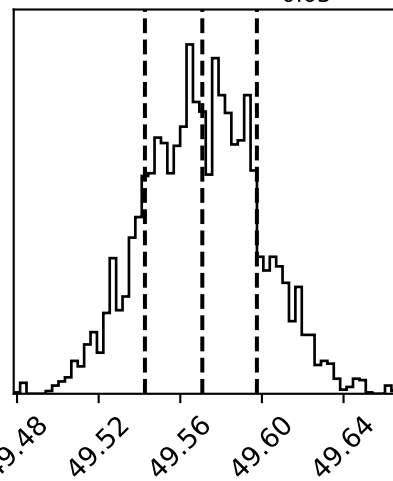
PA = $73.38^{+0.03}_{-0.03}$



vlsr = $2793.96^{+0.81}_{-0.77}$



inc = $49.57^{+0.03}_{-0.03}$



Name: J162739.0-235818

Region: ROph

File: /Users/calebpainter/Downloads/DECO/fits_files/ROph/J162739.0-235818_CO_230.538GHz.image.fits

Emmision Line: CO

Channels: (40, 105, 125, 160)

X-pos: 246.9125

Y-pos: -23.97204

X-offset: 0.17

Y-offset: -0.72

Literature PA: 11.9

Eddy PA: 73.38

Literature Mass [M]: 0.69

Eddy Mass [M]: --

DECO Dict vsys [km/s]: 2.3

Eddy vlsr [m/s]: 2.79

Literature Inc: 0

Eddy Inc: 49.57

Literature Distance [Mpc]: 141.55

Eddy rmin, rmax ["]: (0.2, 1.5)

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

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC GOOD, had to reforce center