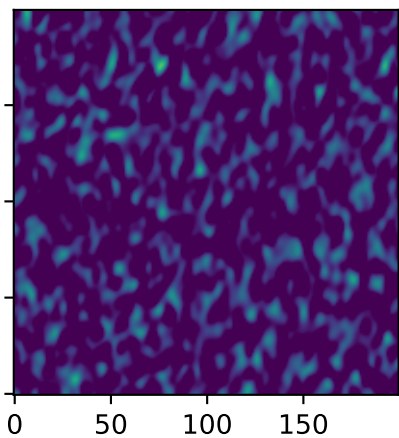
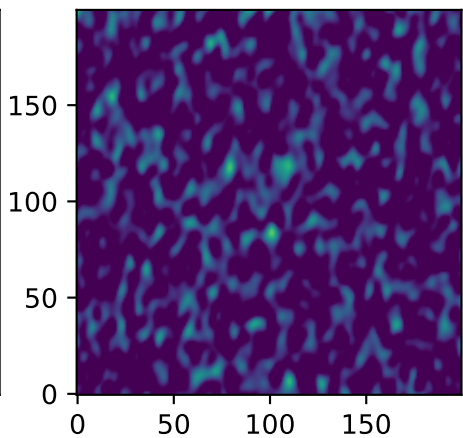


DS_Tau, Tau

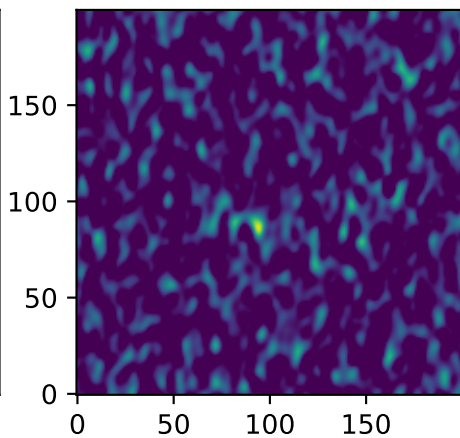
Channel: 10



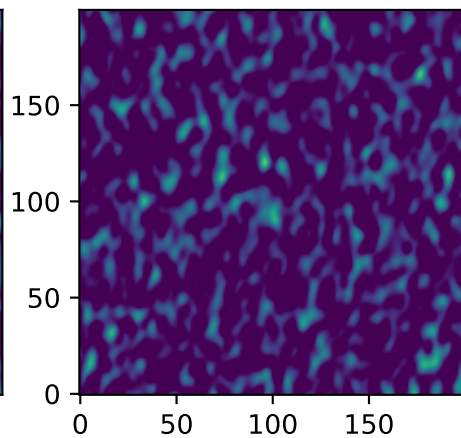
Channel: 20



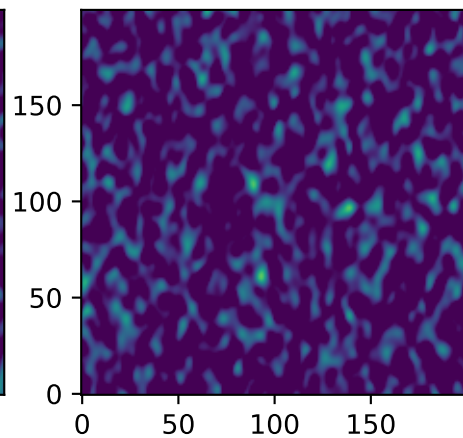
Channel: 30



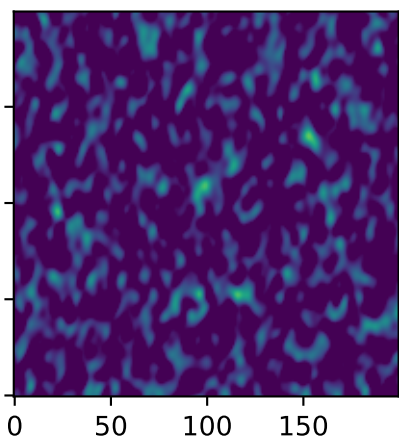
Channel: 40



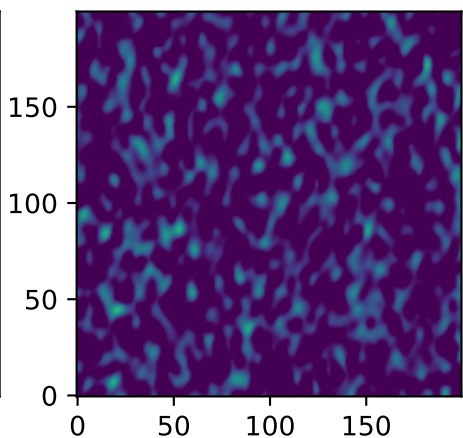
Channel: 50



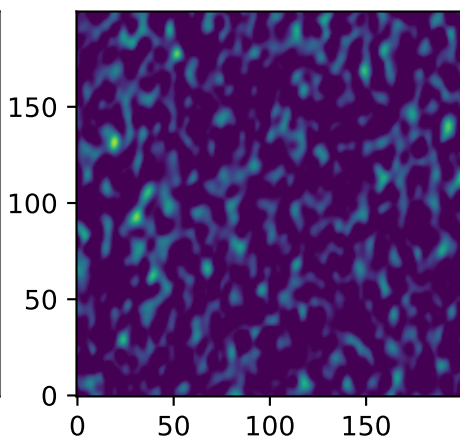
Channel: 60



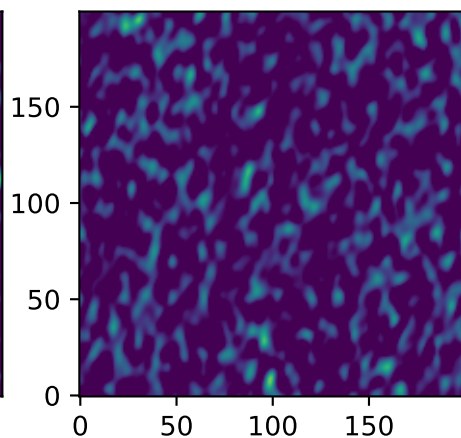
Channel: 70



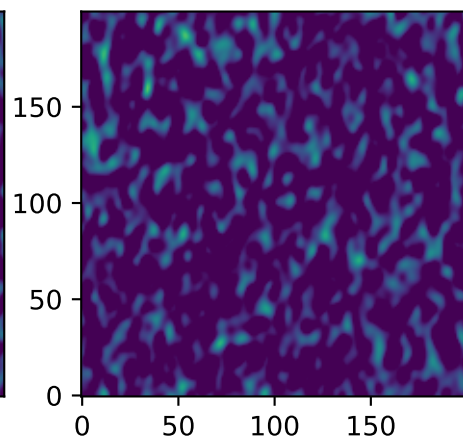
Channel: 80



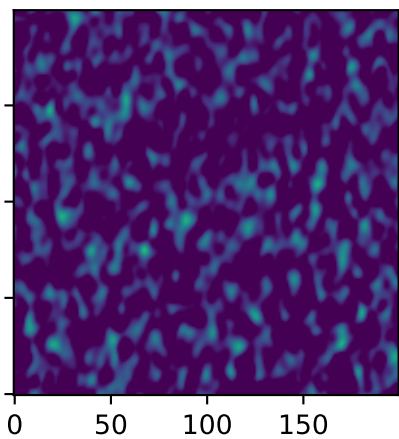
Channel: 90



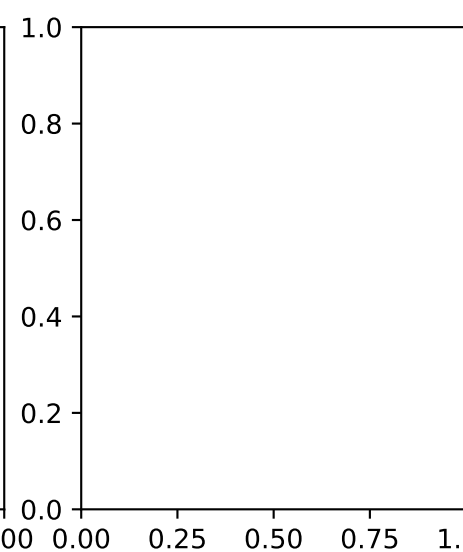
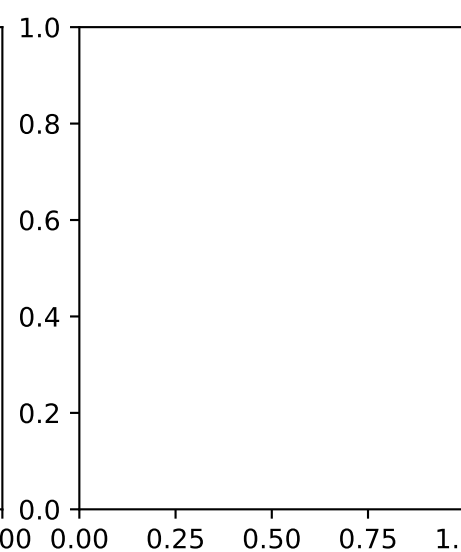
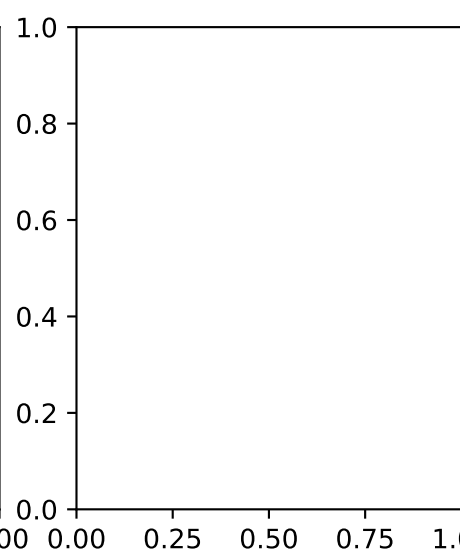
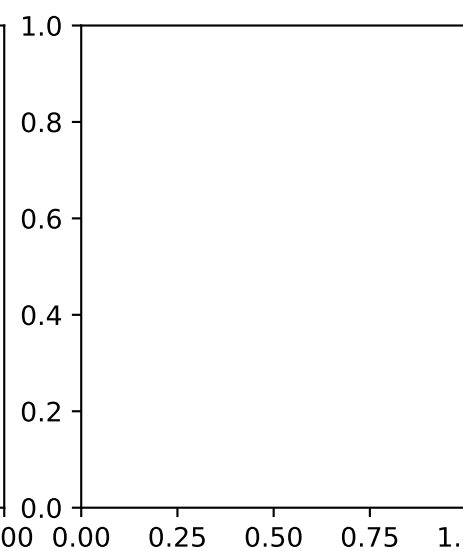
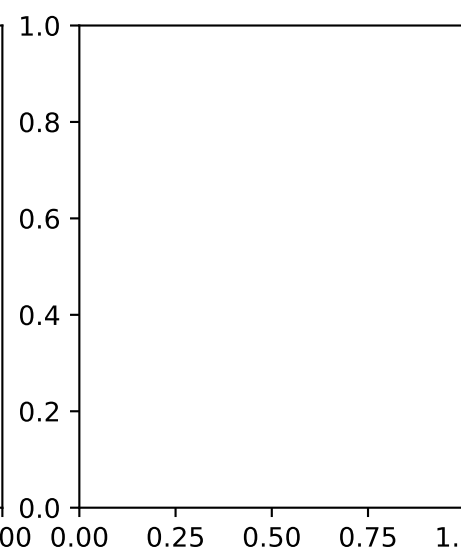
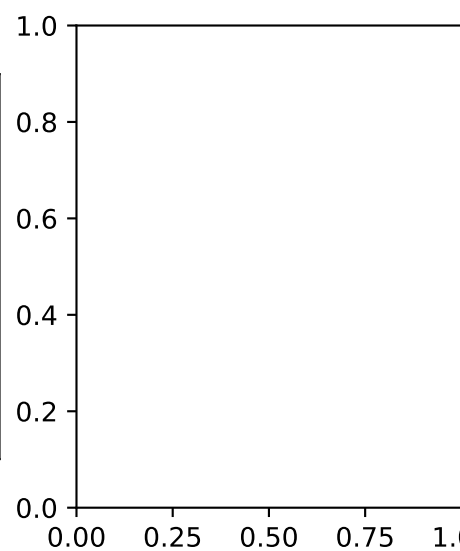
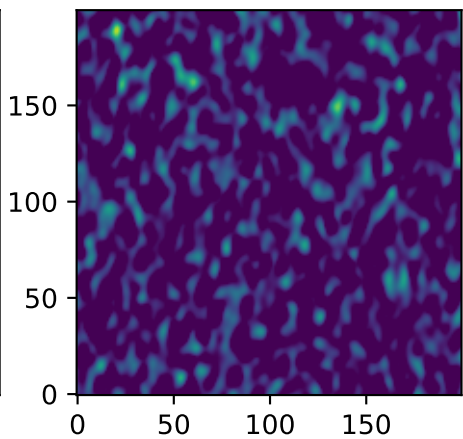
Channel: 100



Channel: 110



Channel: 120



pos.eq.dec

29°24'54"

53"

52"

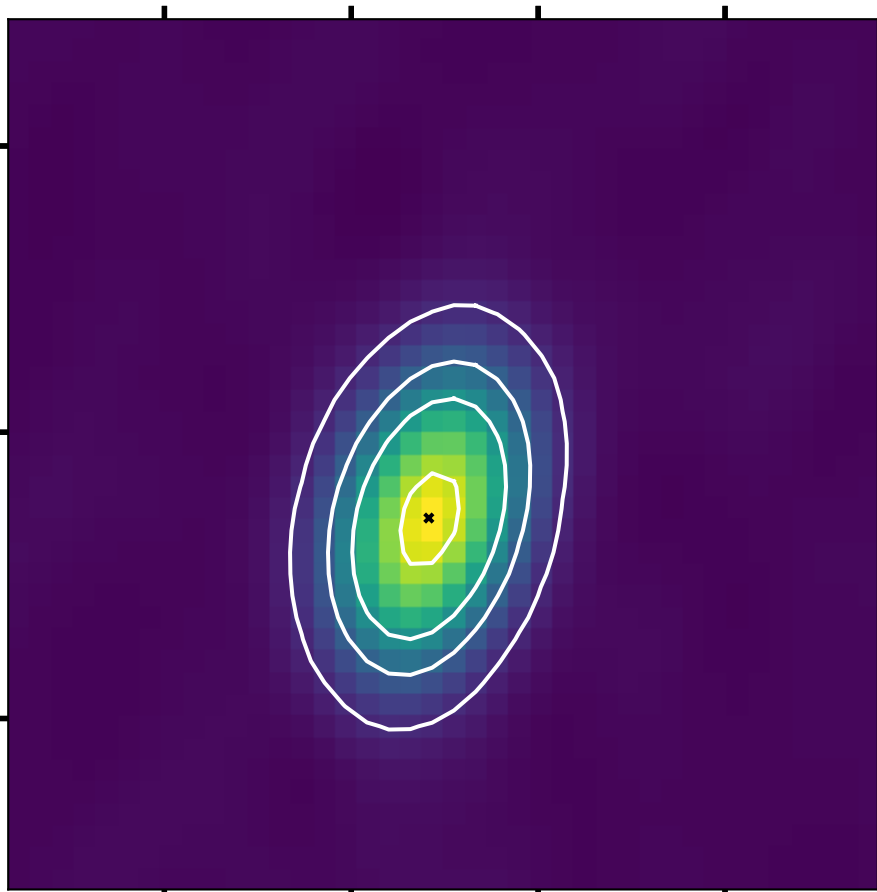
4^h47^m50.05^s

50.00^s

49.95^s

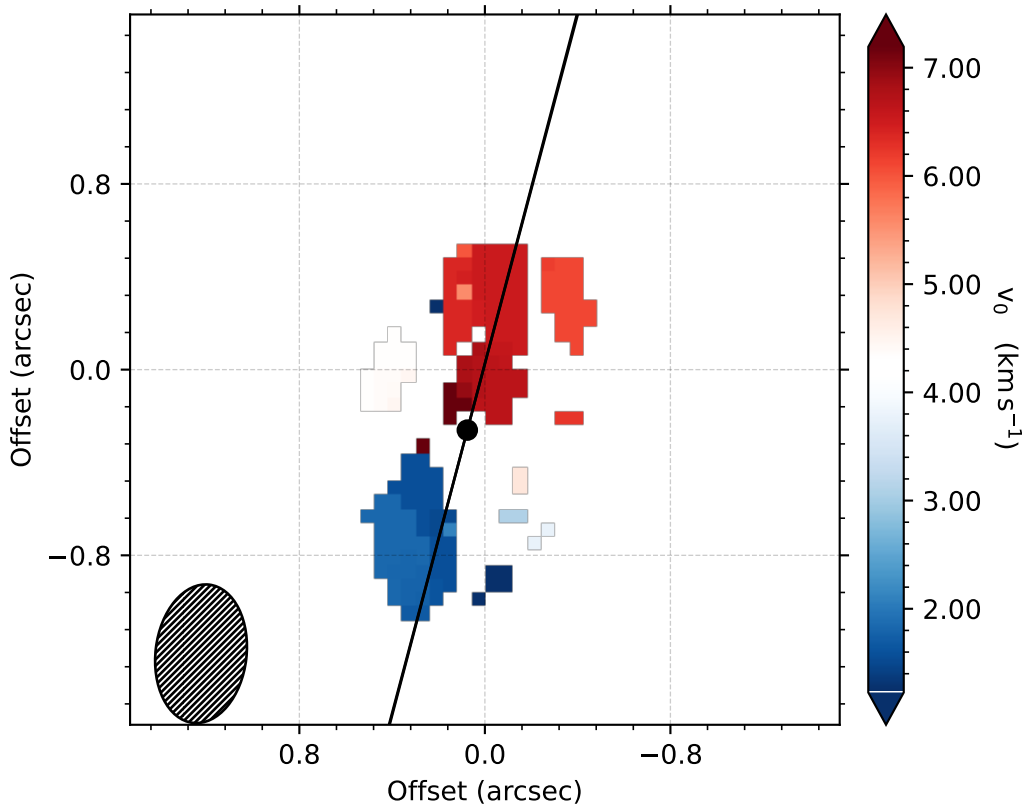
49.90^s

pos.eq.ra

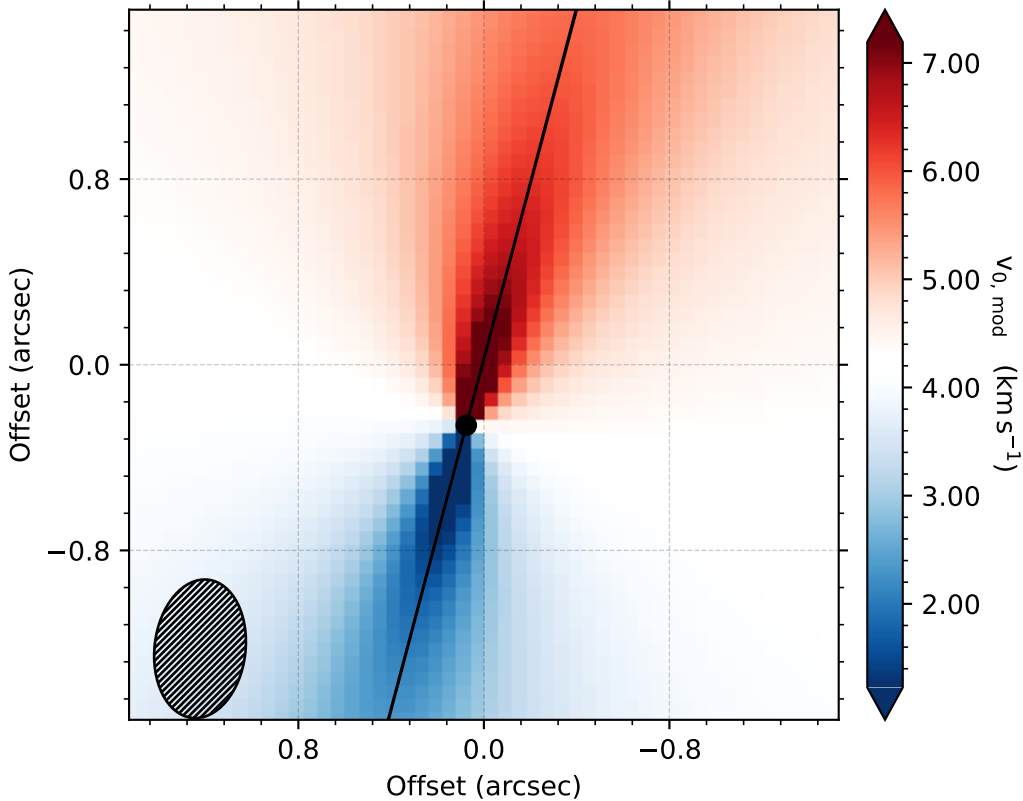


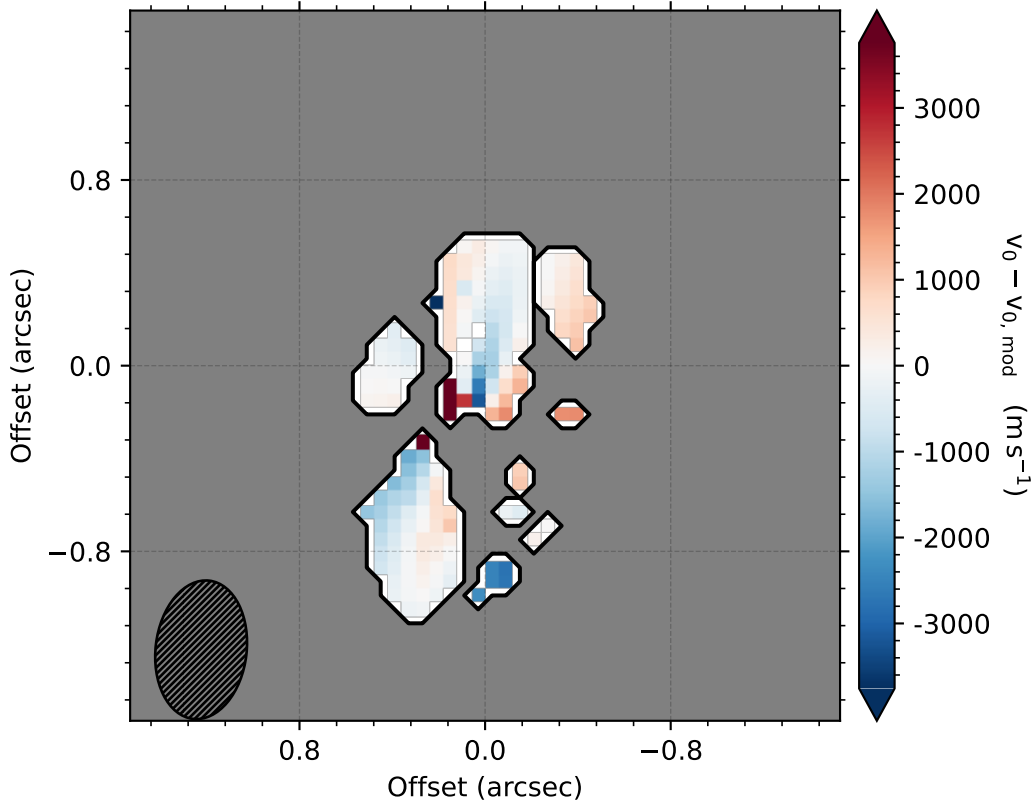
DS Tau

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

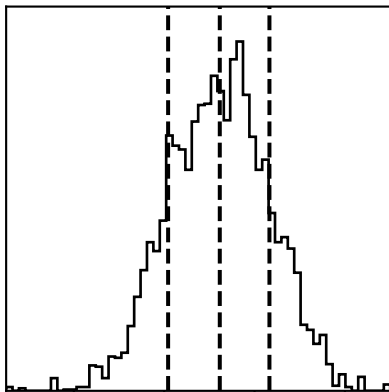


PA: 345.2°

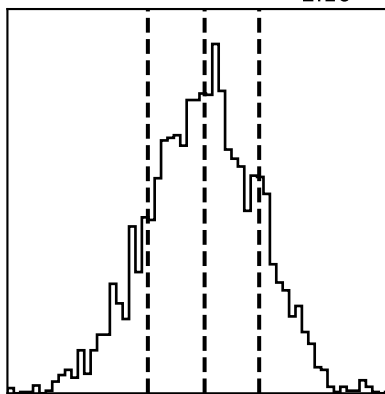
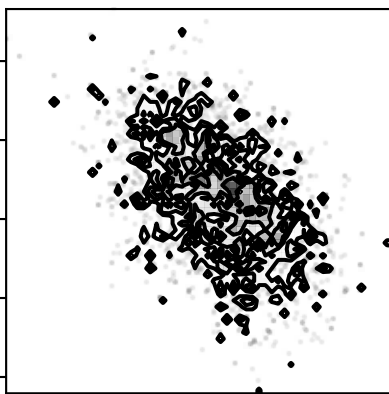




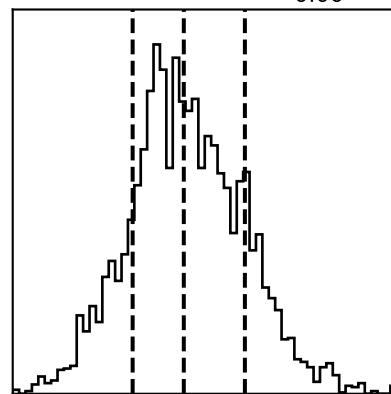
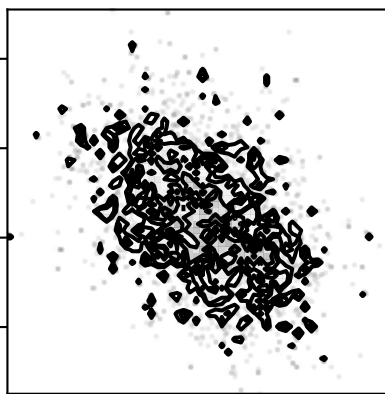
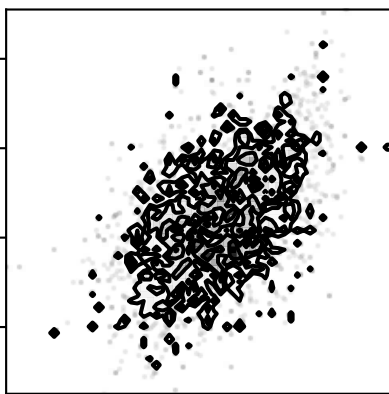
PA = $345.16^{+0.05}_{-0.06}$



vlsr = $4207.87^{+2.07}_{-2.16}$



mstar = $0.94^{+0.00}_{-0.00}$



PA

vlsr

mstar

Name: J162618.9-242820

Region: ROph

File: /Users/calebpainter/Downloads/DECO/fits_files/ROph/J162618.9-242820_CO_230.538GHz.image.fits

Emmision Line: CO

Channels: (30, 70, 150, 200)

X-pos: 246.578603

Y-pos: -24.472317

X-offset: -0.29

Y-offset: 0.3

Literature PA: 29.7

Eddy PA: 169.52

Literature Mass [M]: 0.5875

Eddy Mass [M]: --

DECO Dict vsys [km/s]: 3.3

Eddy vlsr [m/s]: 2.04

Literature Inc: 0

Eddy Inc: 50.22

Literature Distance [Mpc]: 137.53

Eddy rmin, rmax ["]: (0, 1.5)

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

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC GOOD