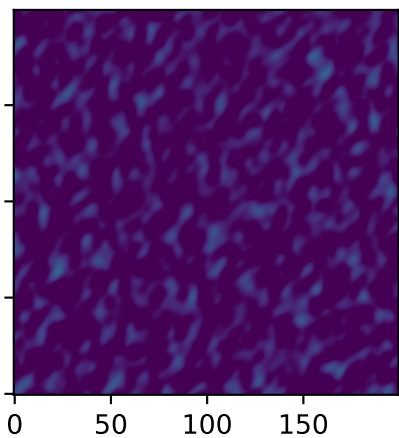
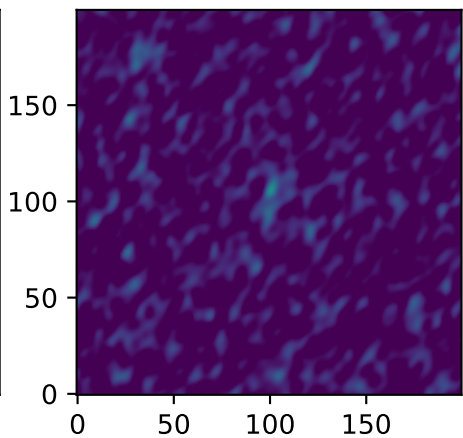


DG_Tau, Tau

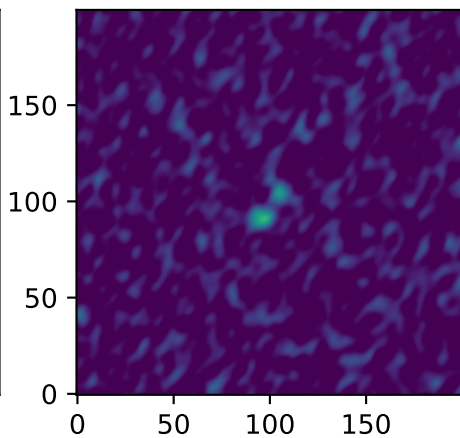
Channel: 10



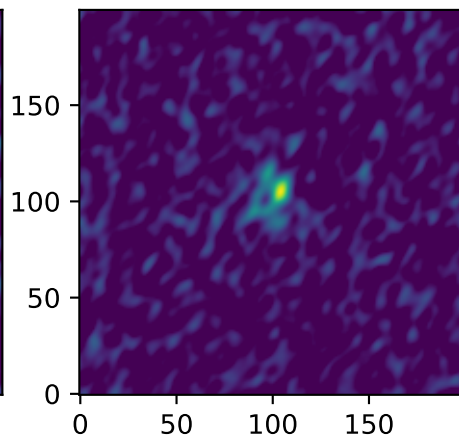
Channel: 20



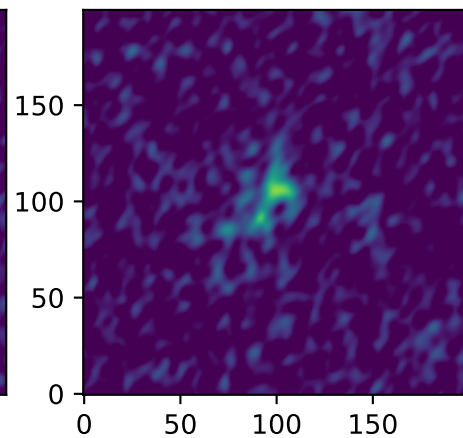
Channel: 30



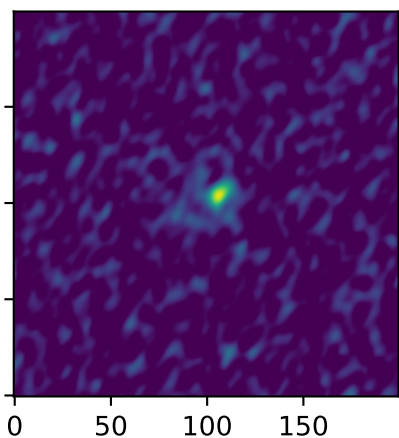
Channel: 40



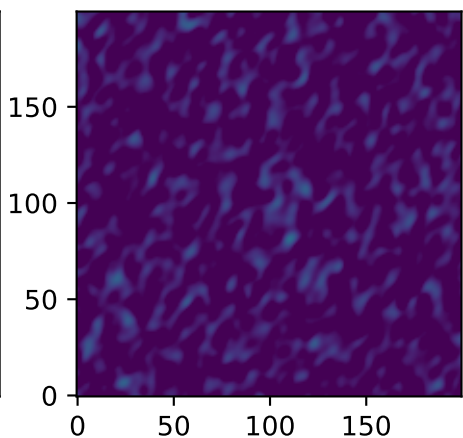
Channel: 50



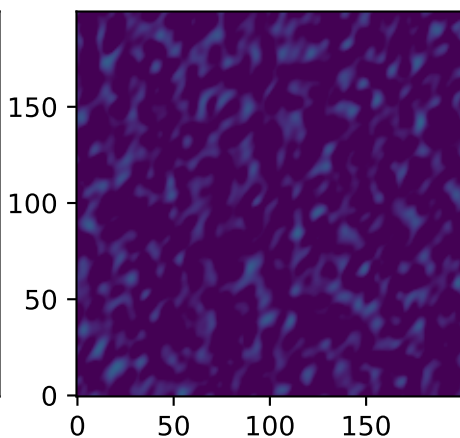
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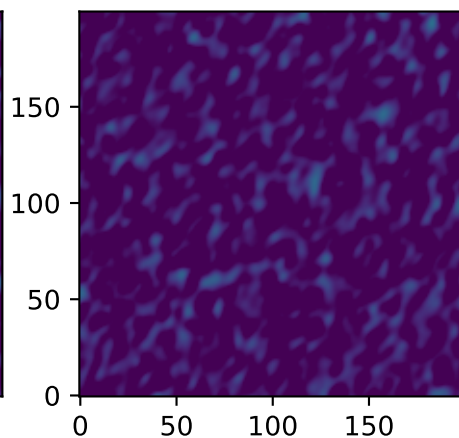
Channel: 70



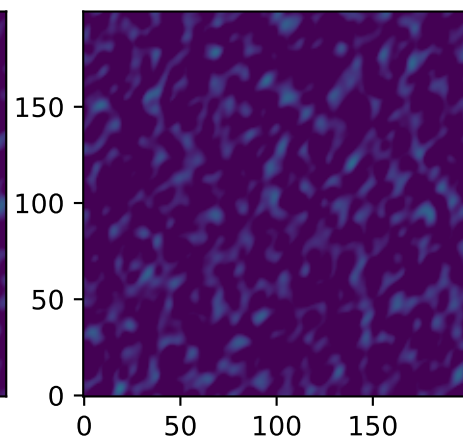
Channel: 80



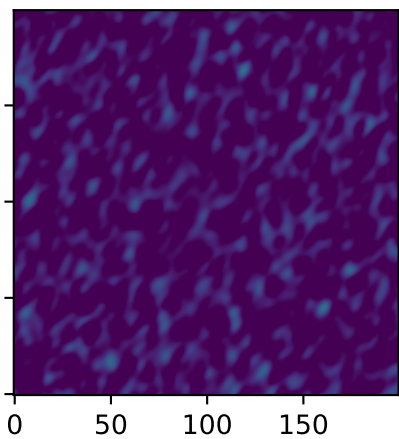
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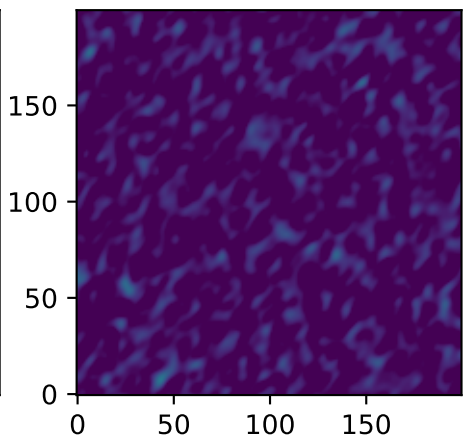
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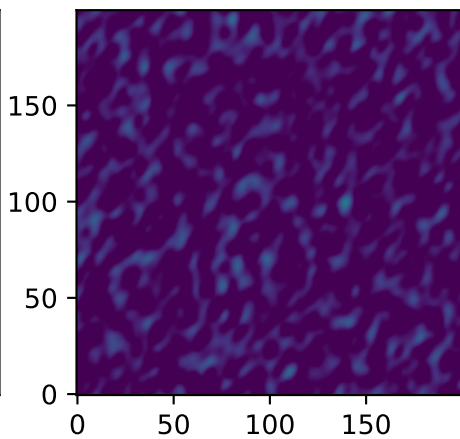
Channel: 110



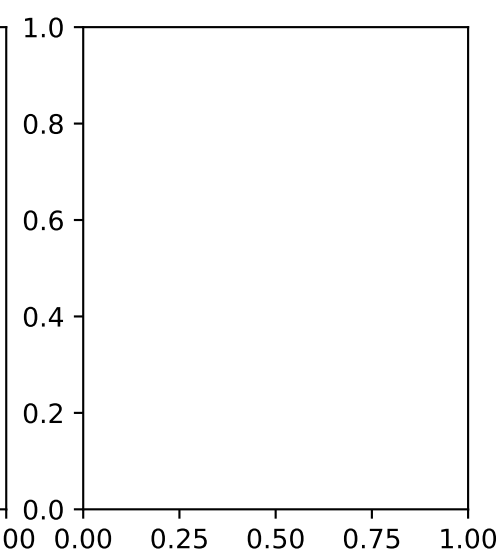
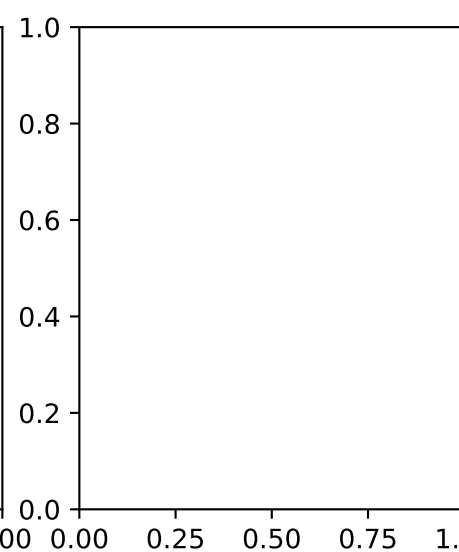
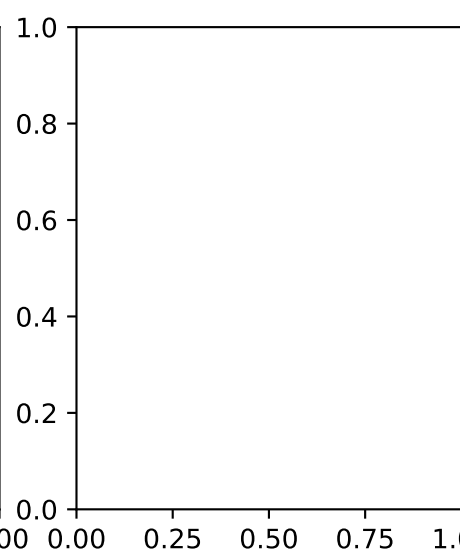
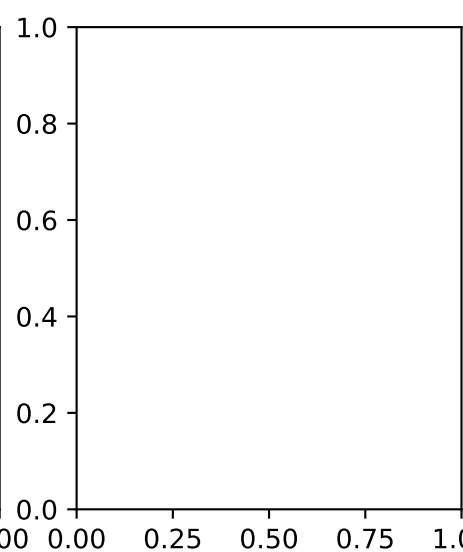
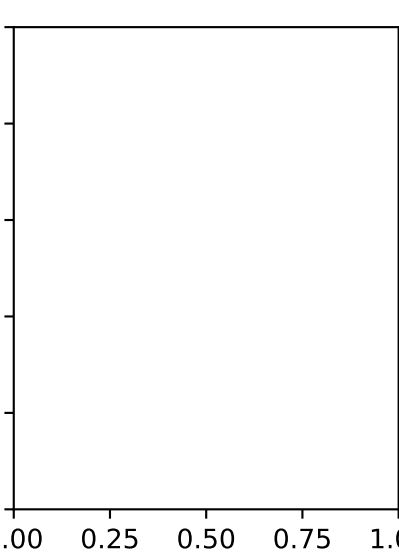
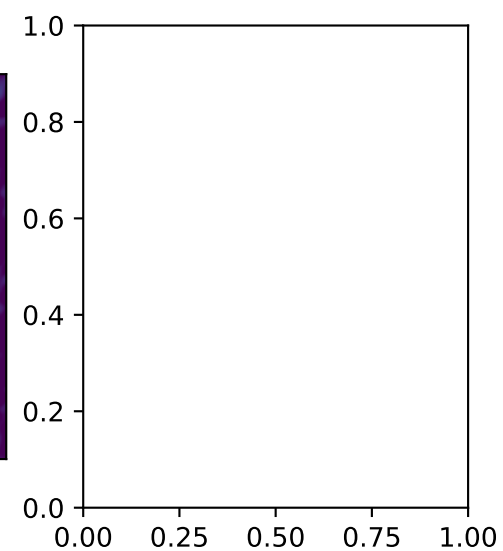
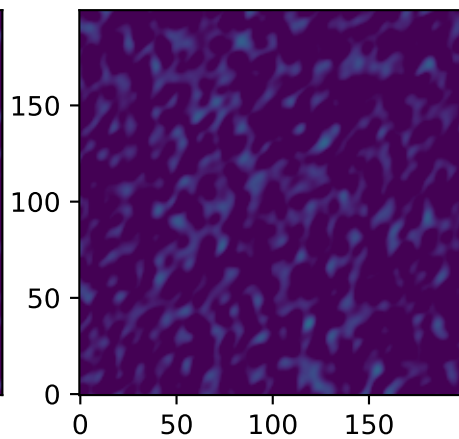
Channel: 120

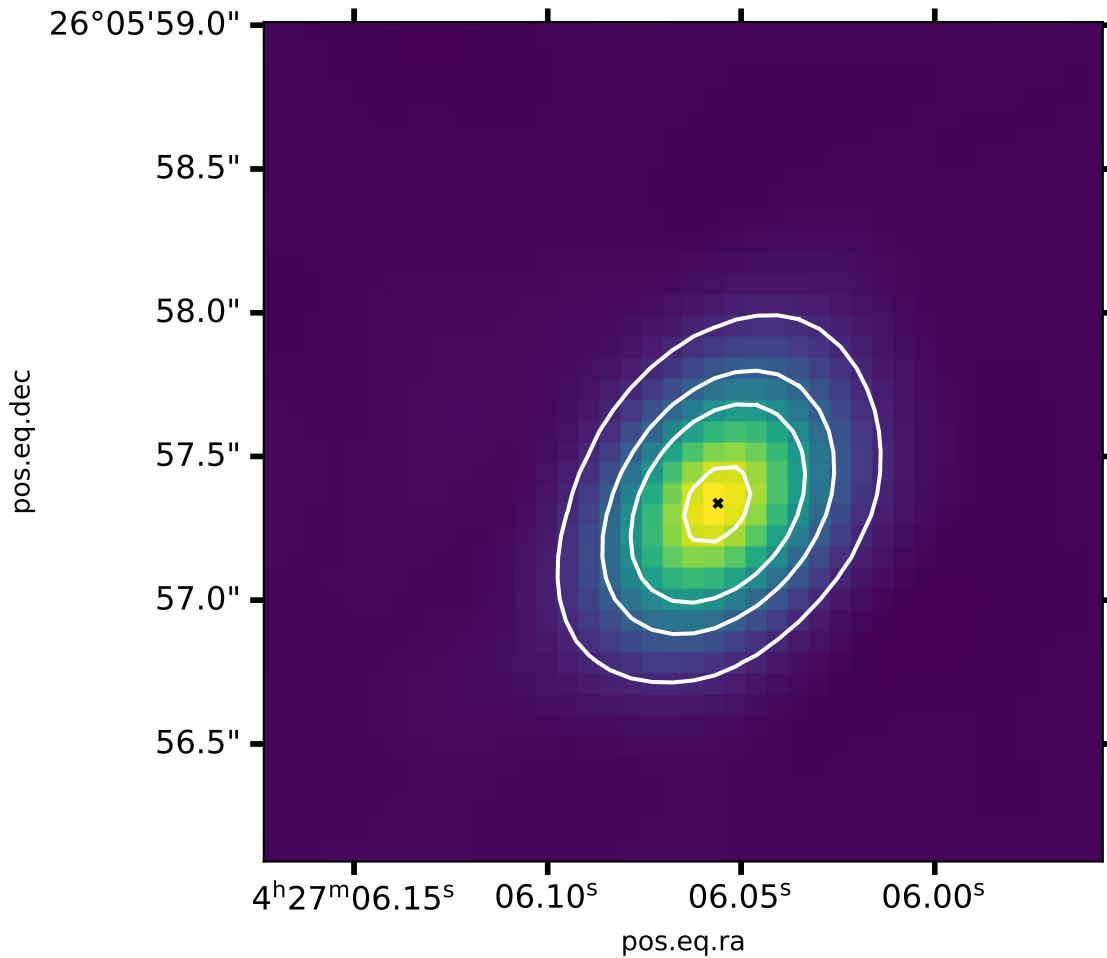


Channel: 130

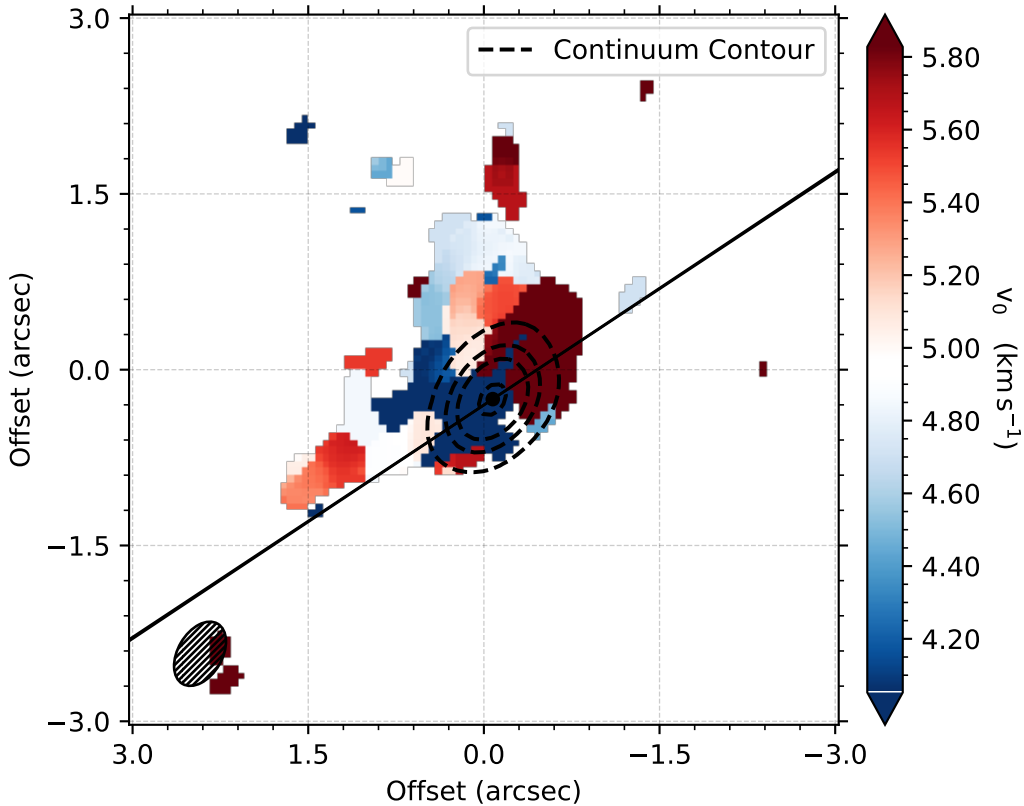


Channel: 140



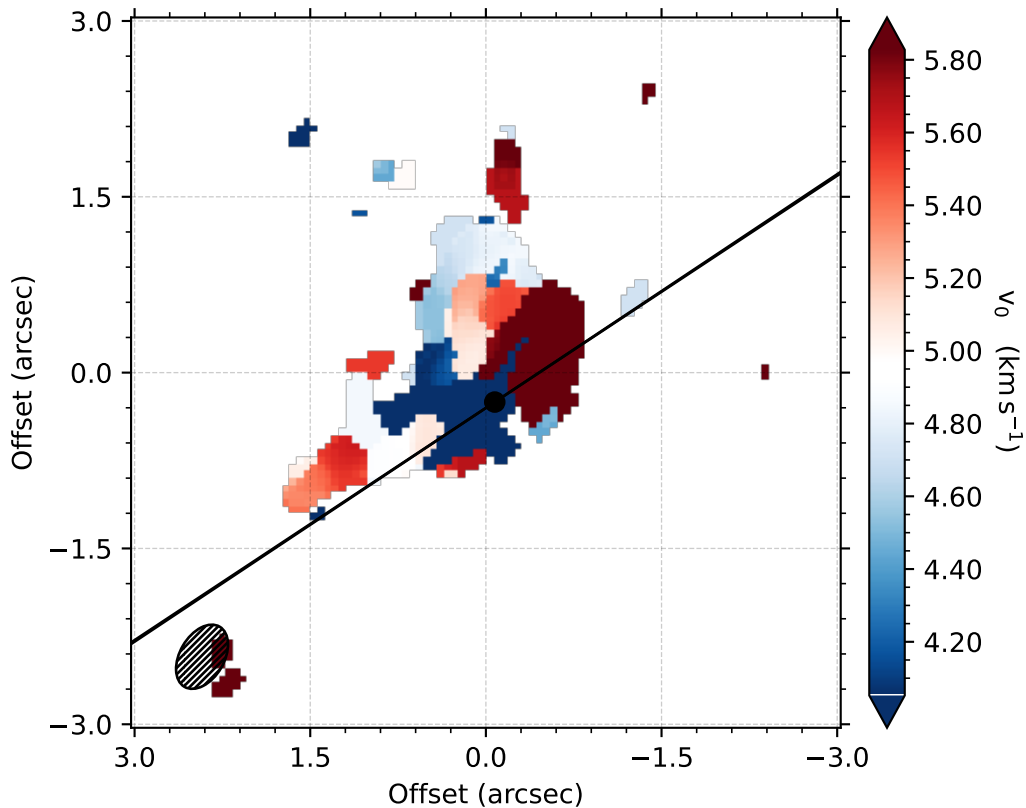


Channels: 0-140

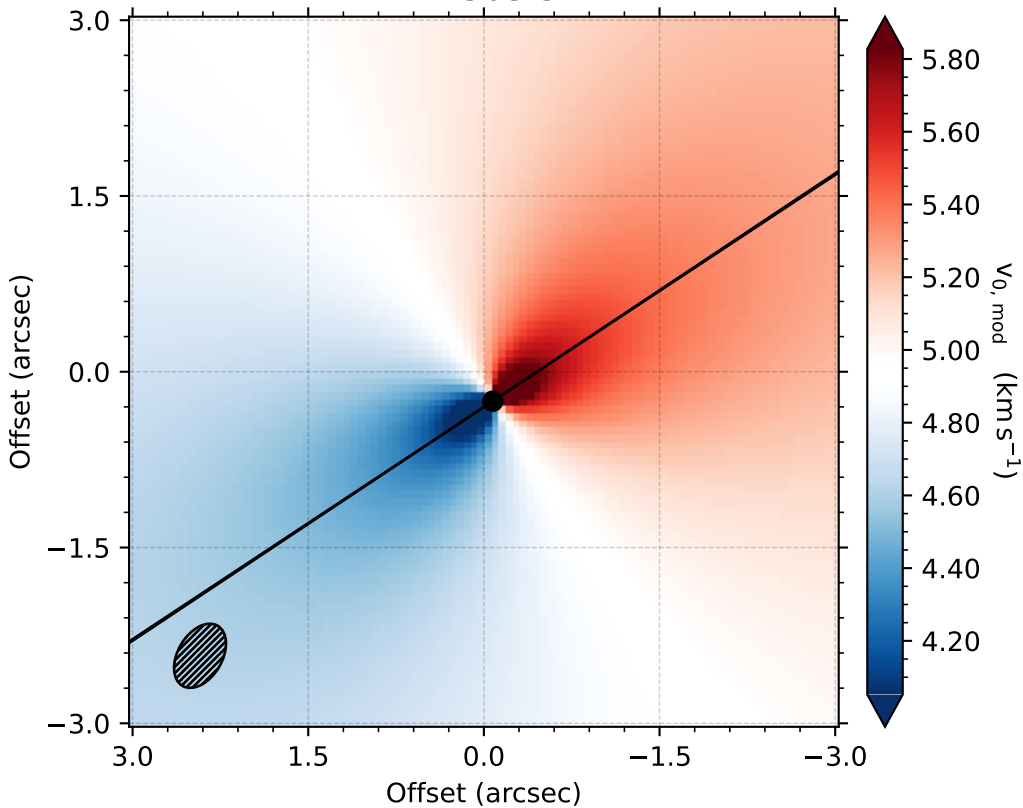


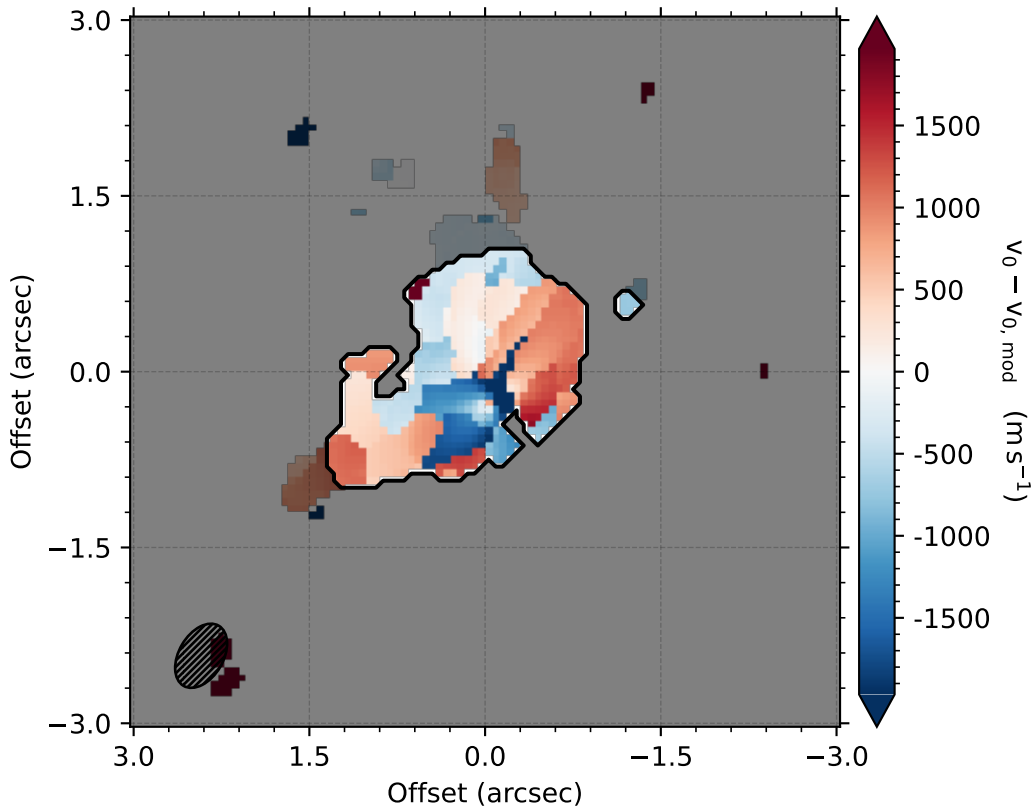
DG Tau

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

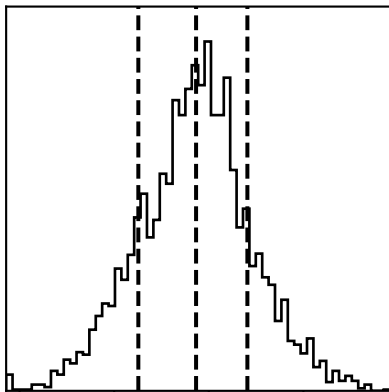


PA: 303.5°

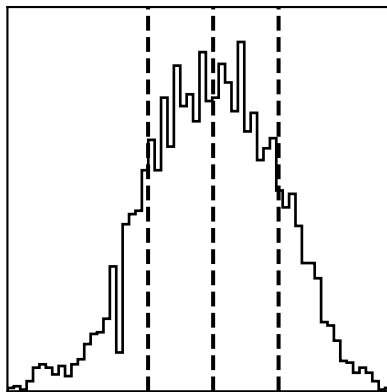




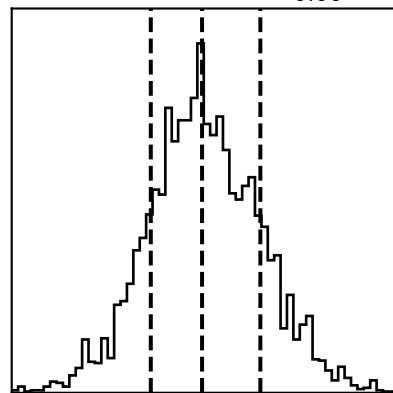
PA = $303.53^{+0.08}_{-0.09}$



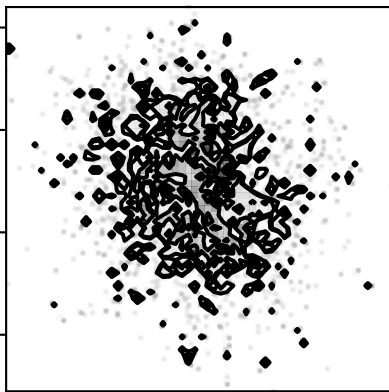
vlsr = $4940.91^{+1.28}_{-1.27}$



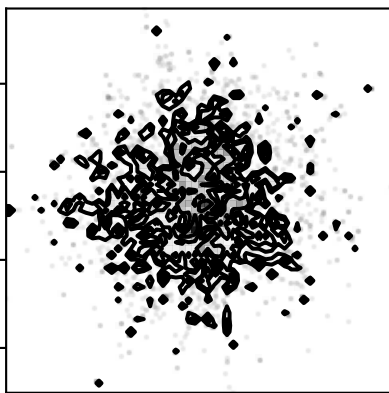
mstar = $0.16^{+0.00}_{-0.00}$



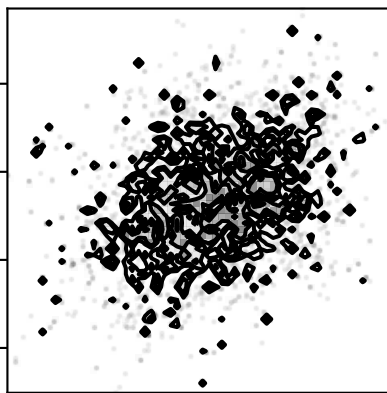
vlsr



mstar



vlsr



mstar

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