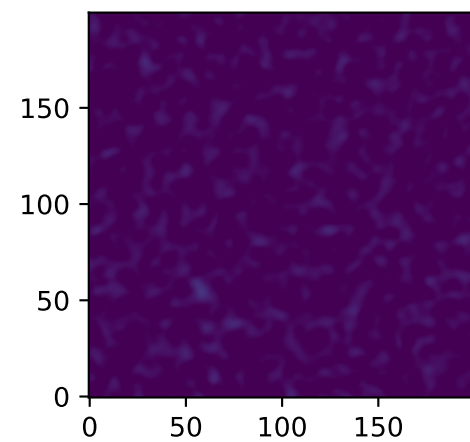
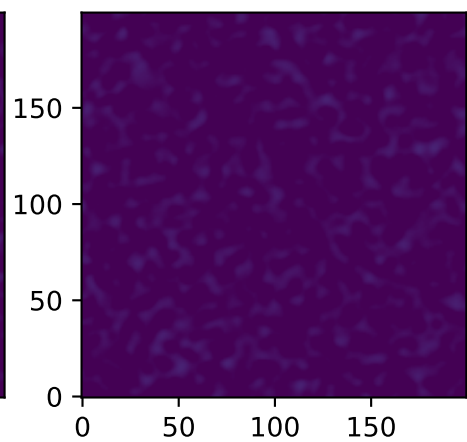


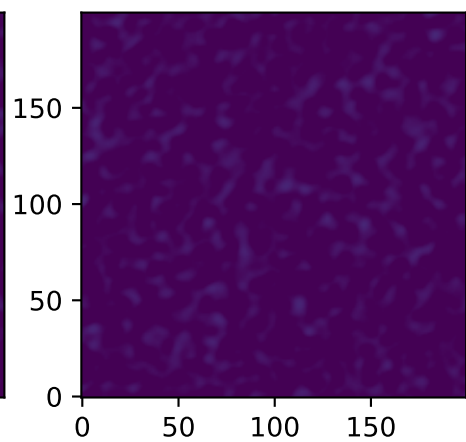
Channel: 10



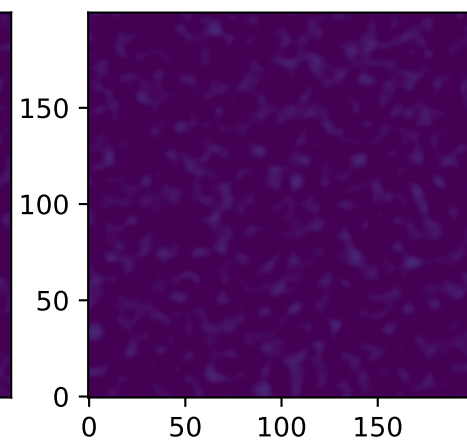
Channel: 20



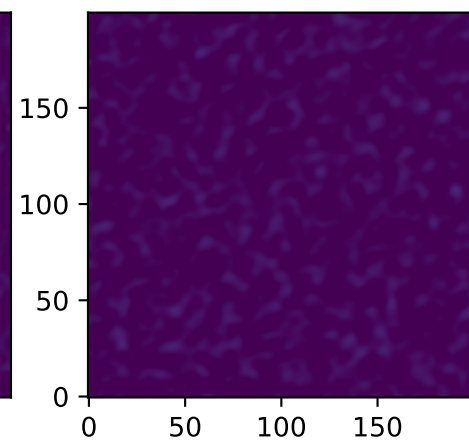
Channel: 30



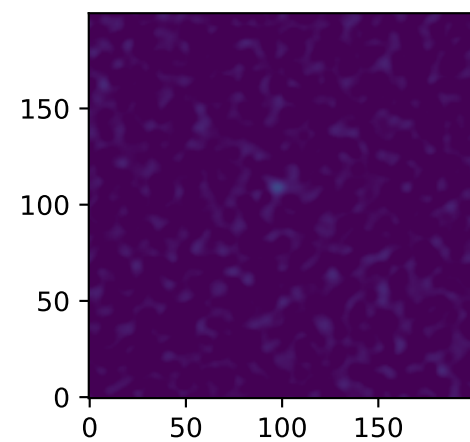
Channel: 40



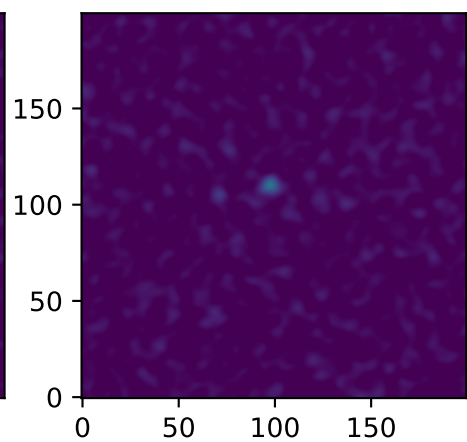
Channel: 50



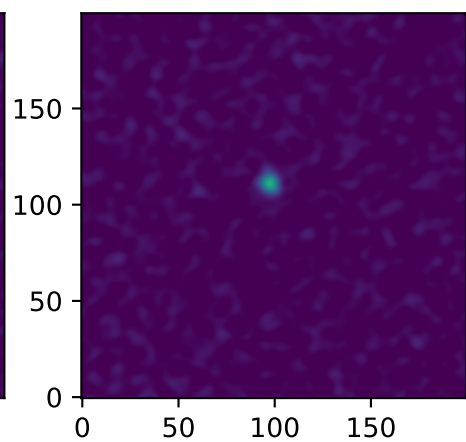
Channel: 60



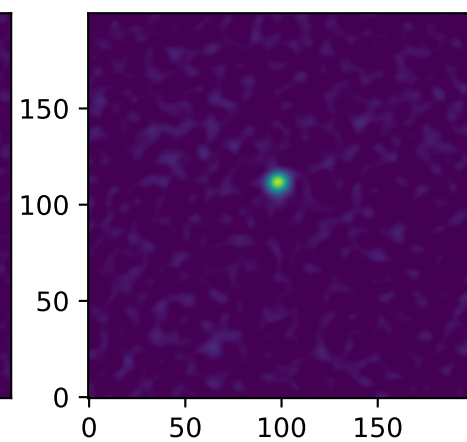
Channel: 70



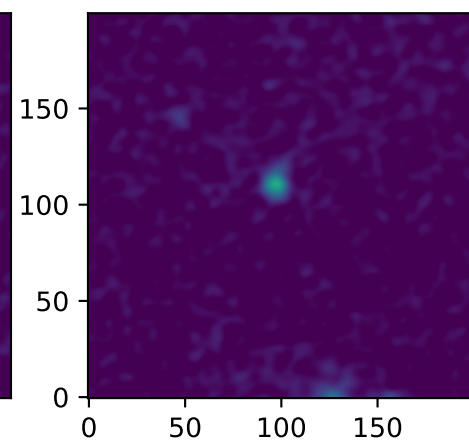
Channel: 80



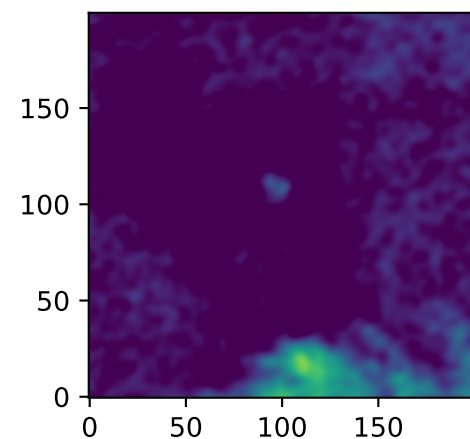
Channel: 90



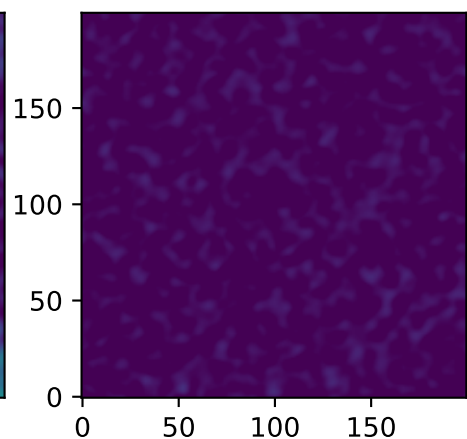
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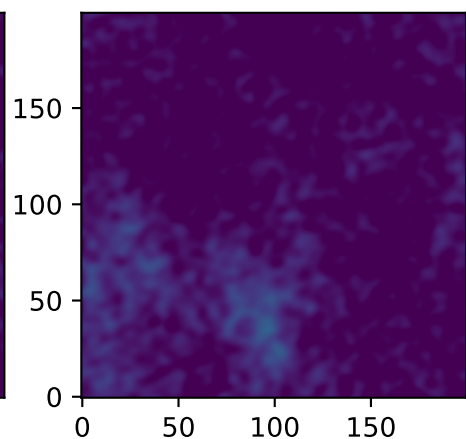
Channel: 110



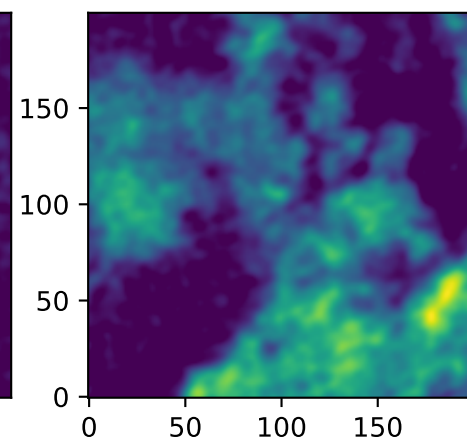
Channel: 120



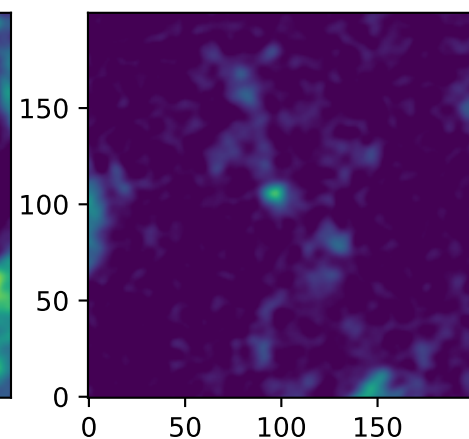
Channel: 130



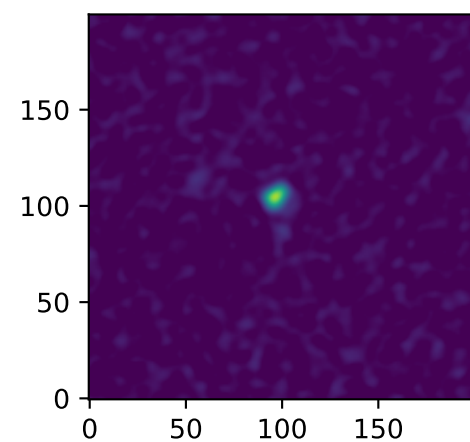
Channel: 140



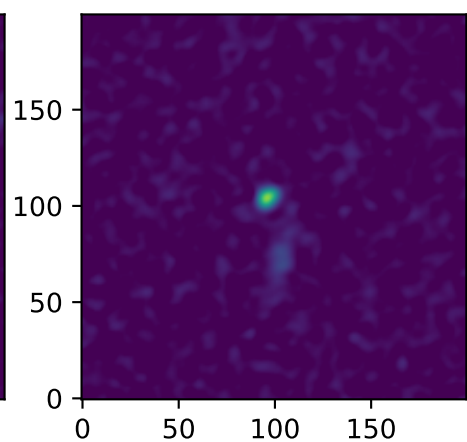
Channel: 150



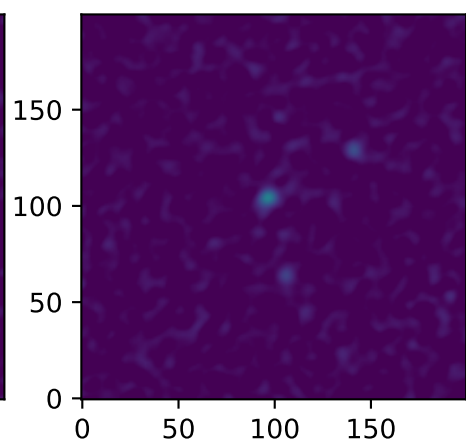
Channel: 160



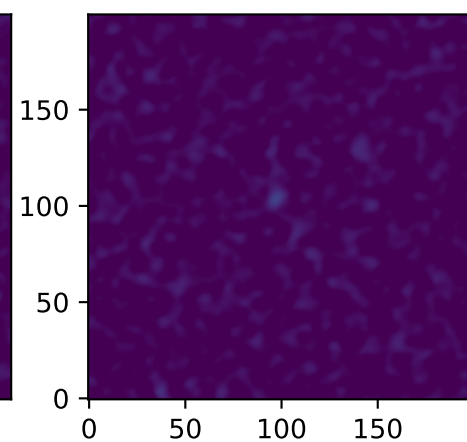
Channel: 170



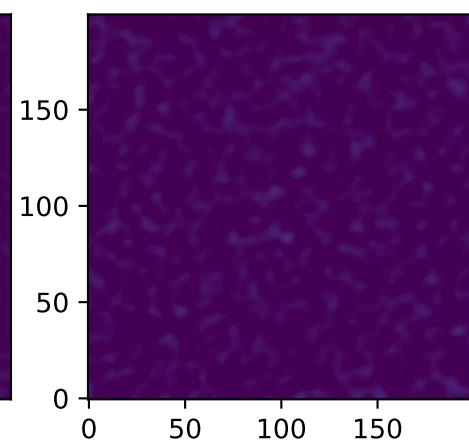
Channel: 180

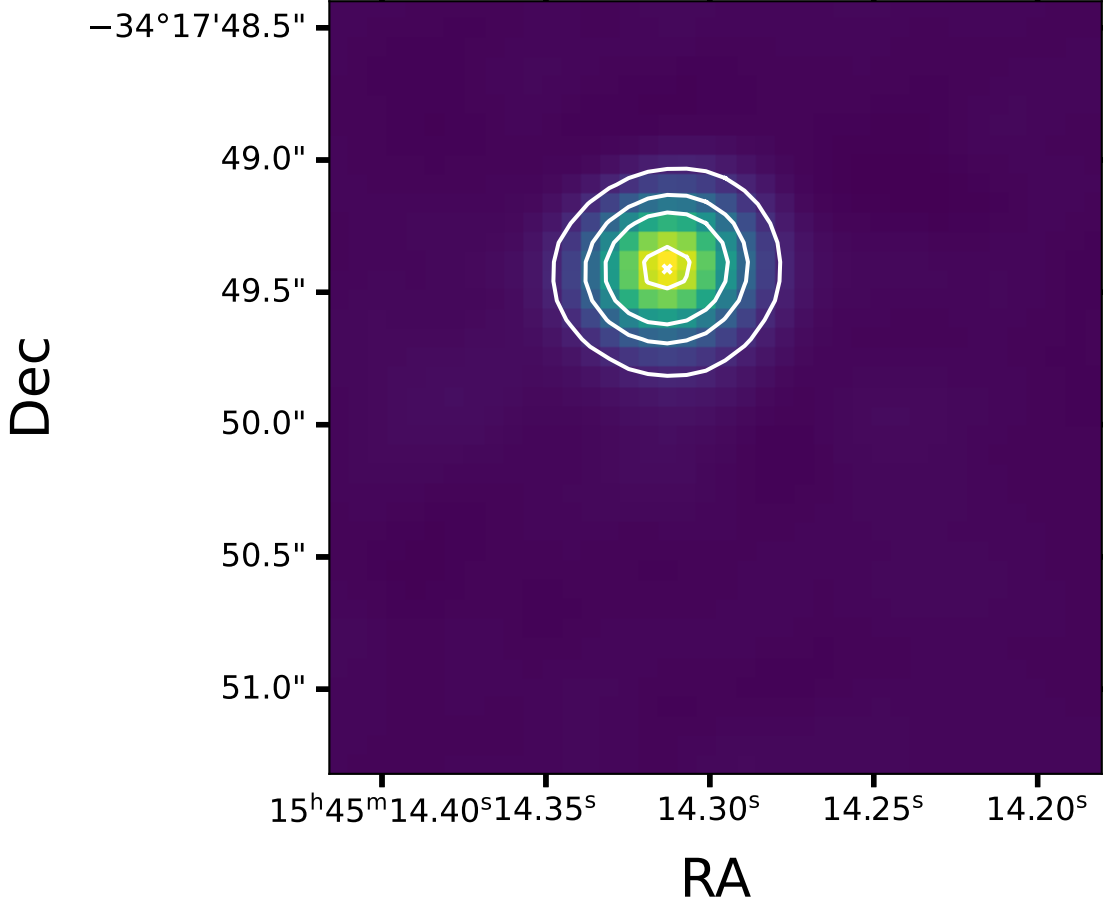


Channel: 190

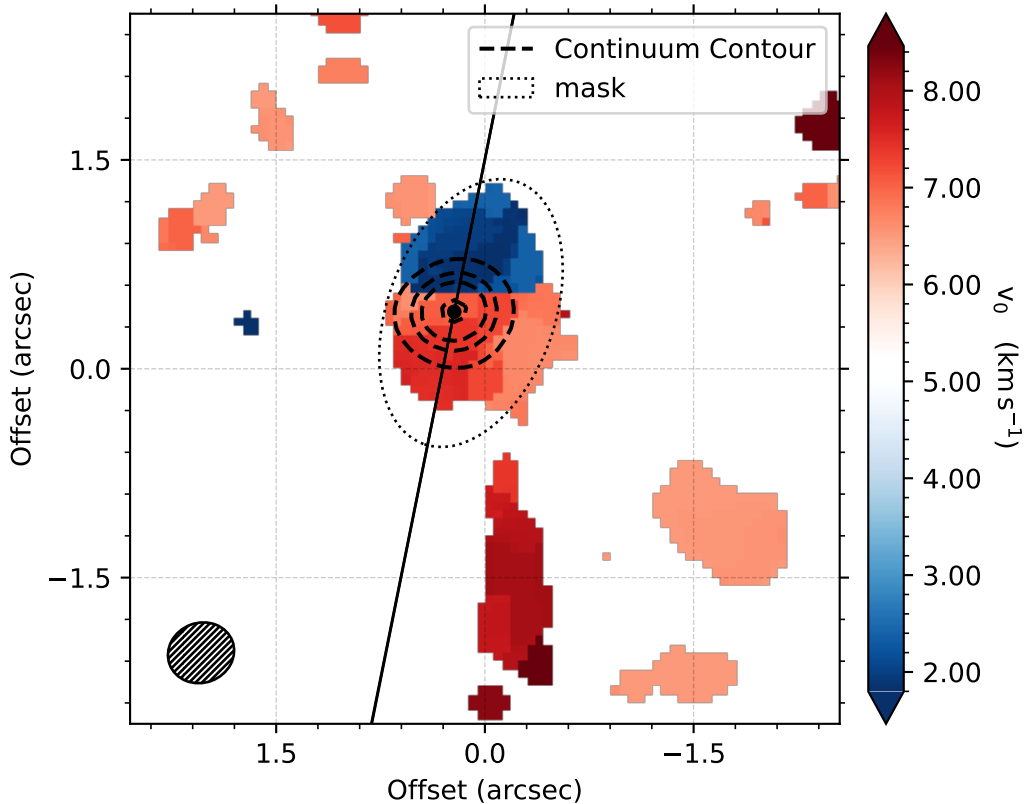


Channel: 200



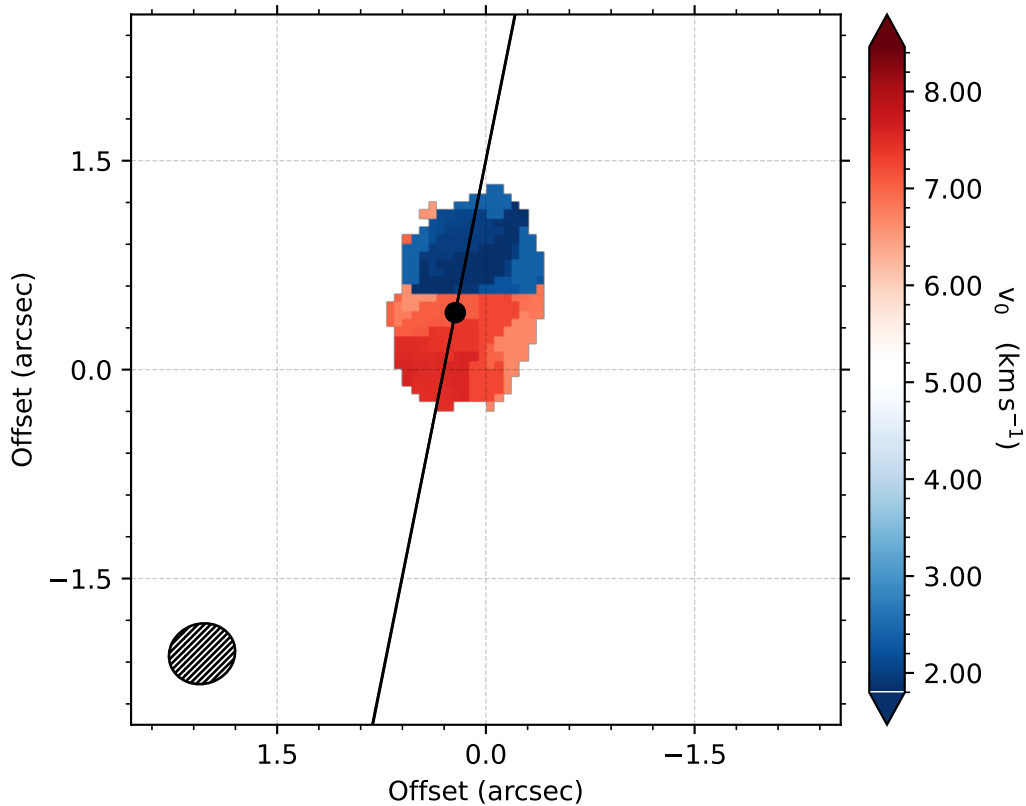


Sz68

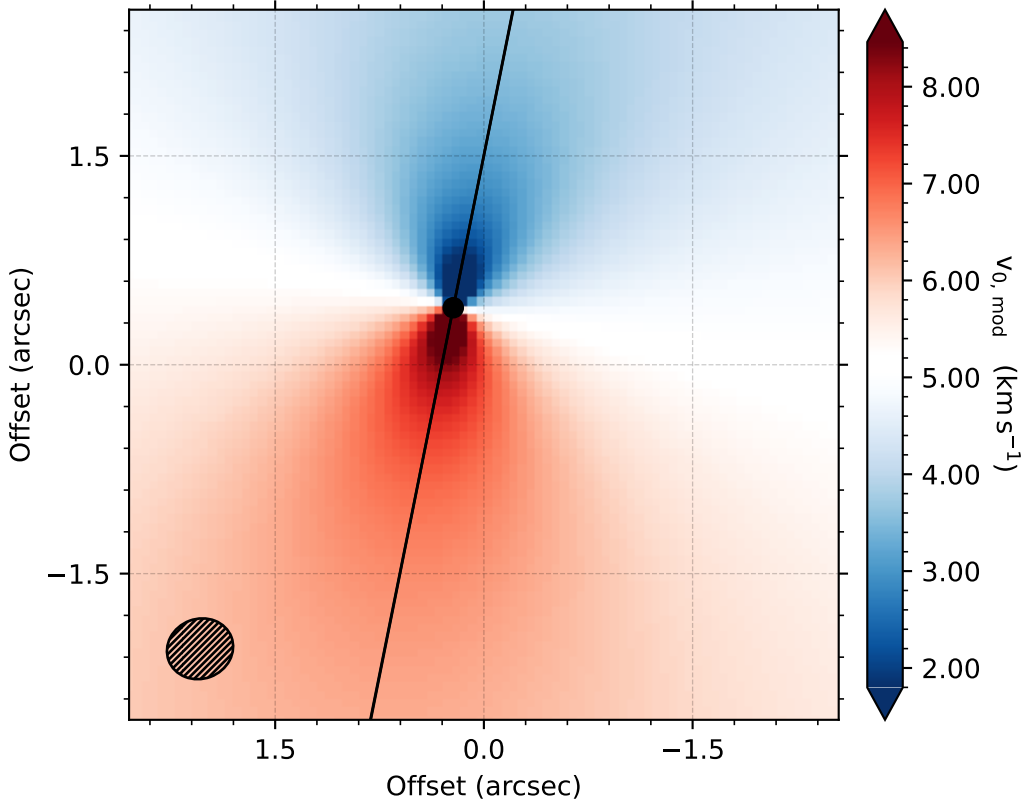


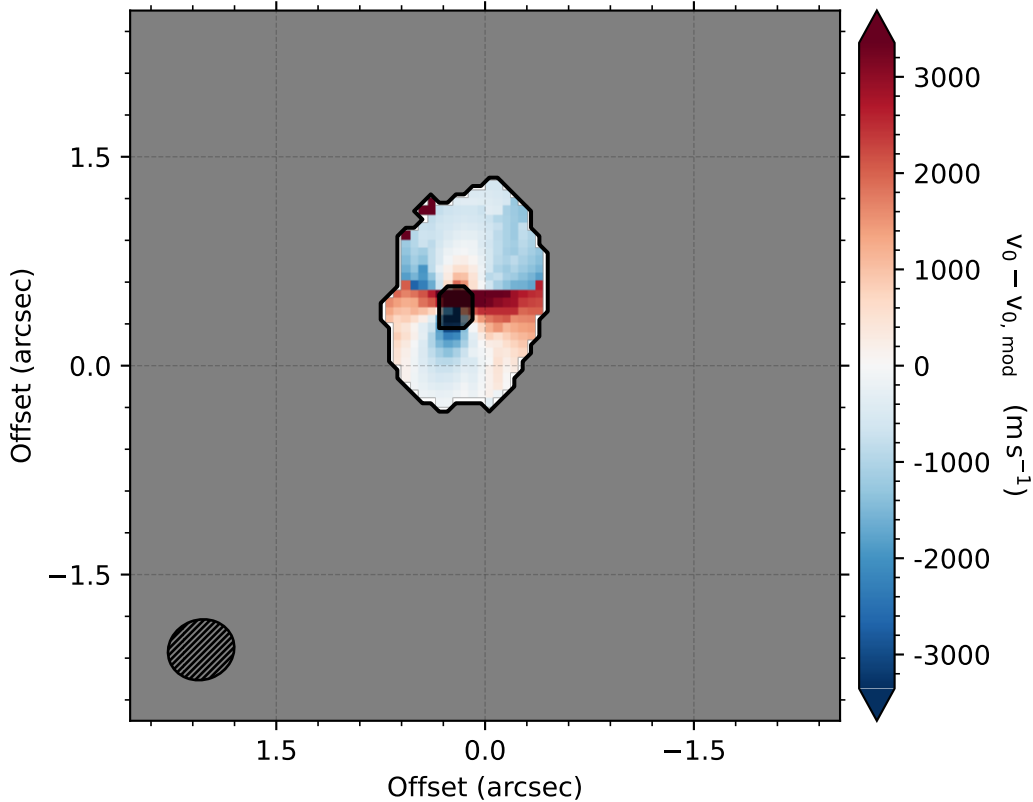
Sz68

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

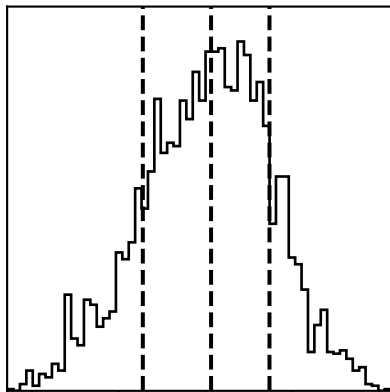


PA: 168.6°

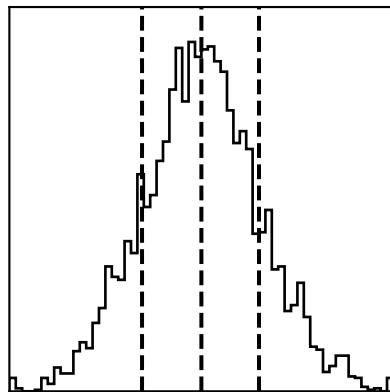




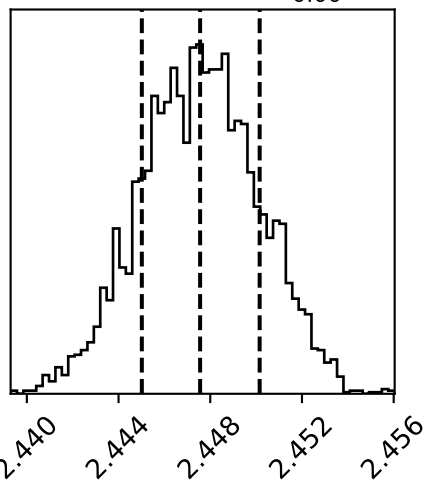
PA = $168.64^{+0.03}_{-0.03}$



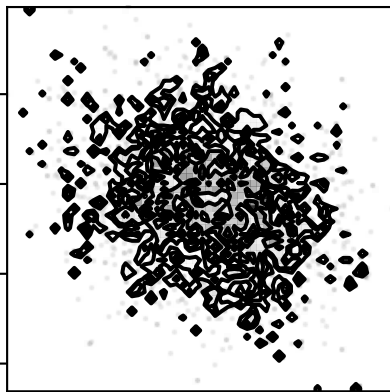
vlsr = $5127.75^{+0.96}_{-0.99}$



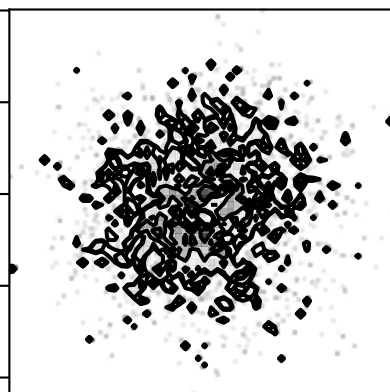
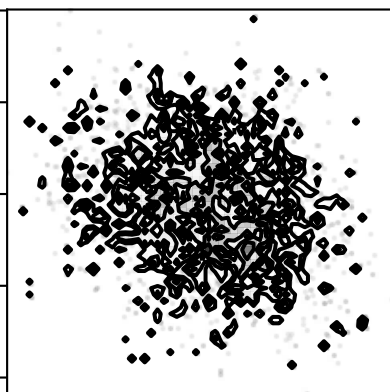
mstar = $2.45^{+0.00}_{-0.00}$



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: -0.32

Y-offset: 0.3

Literature PA: 29.7

Eddy PA: 169.01

Literature Mass [M]: 0.5875

Eddy Mass [M]: --

DECO Dict vsys [km/s]: 3.3

Eddy vlsr [m/s]: 1.98

Literature Inc: 0

Eddy Inc: -49.7

Literature Distance [Mpc]: 137.53

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