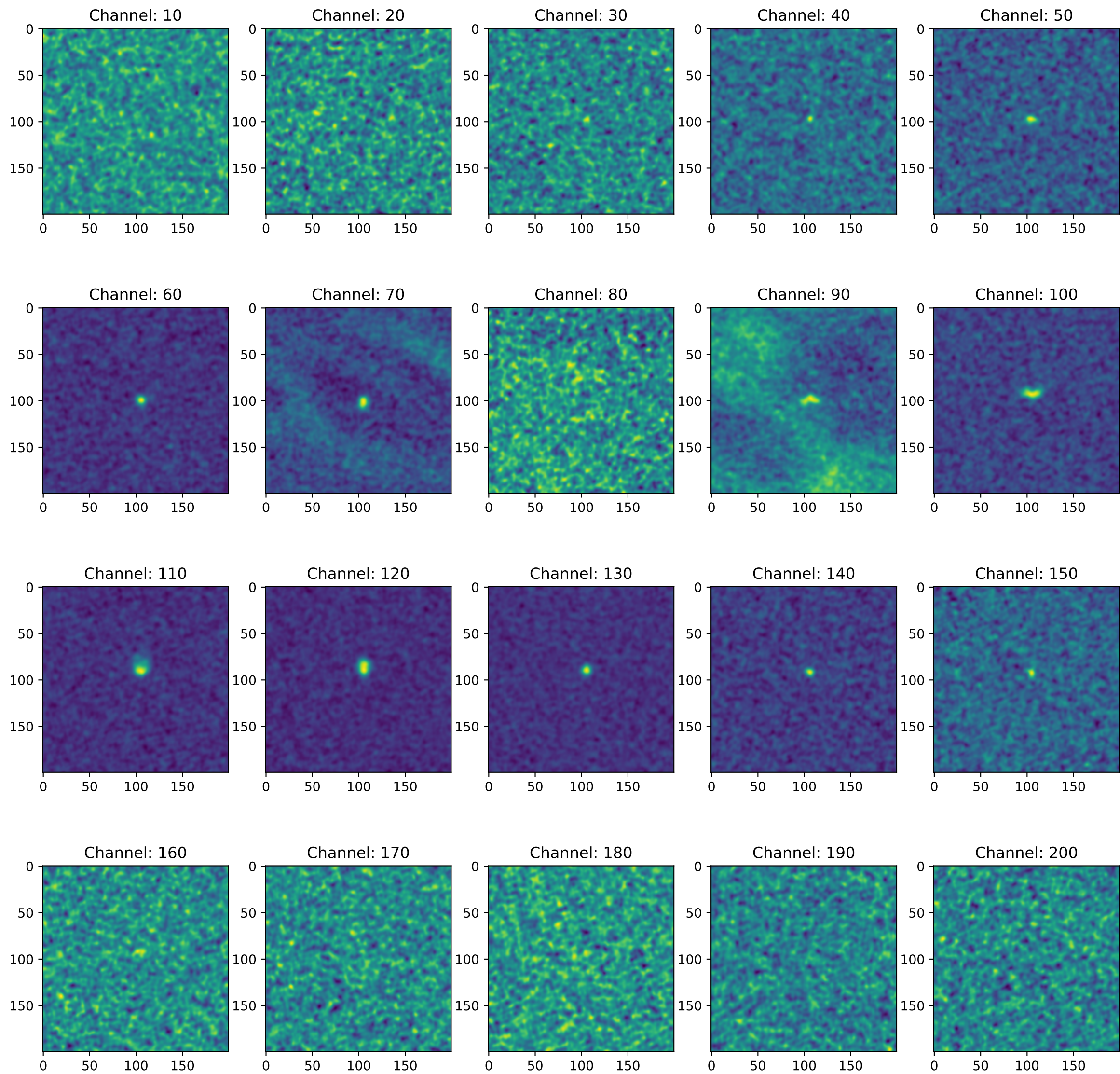


J162854.1-244744, CO



Continuum Stamp

pos.eq.dec

$-24^{\circ}48'02''$

03"

04"

$16^{\text{h}}28^{\text{m}}55.50^{\text{s}}$

55.45^{s}

55.40^{s}

55.35^{s}

pos.eq.ra

0.8

0.6

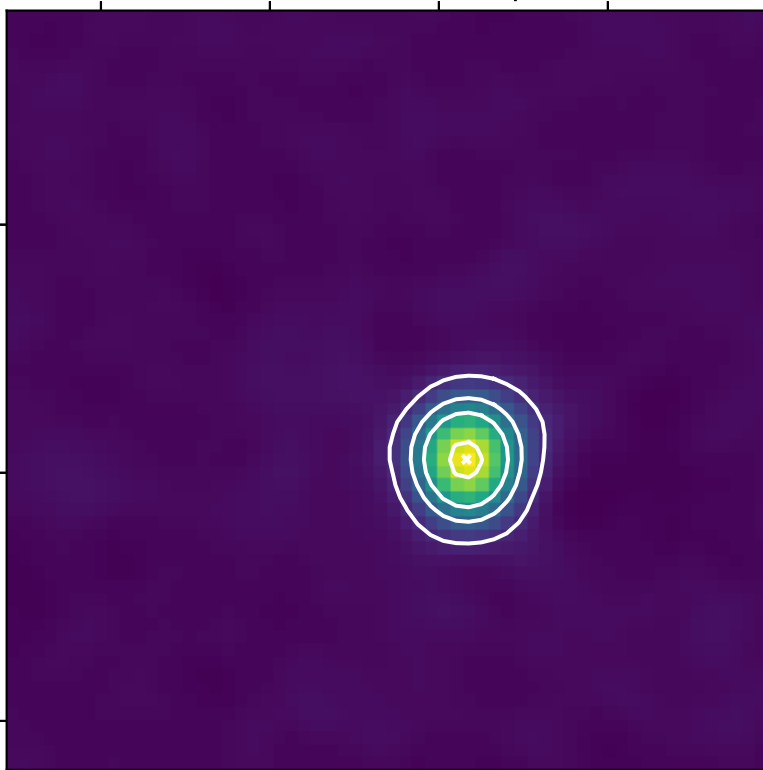
0.4

0.2

0.0

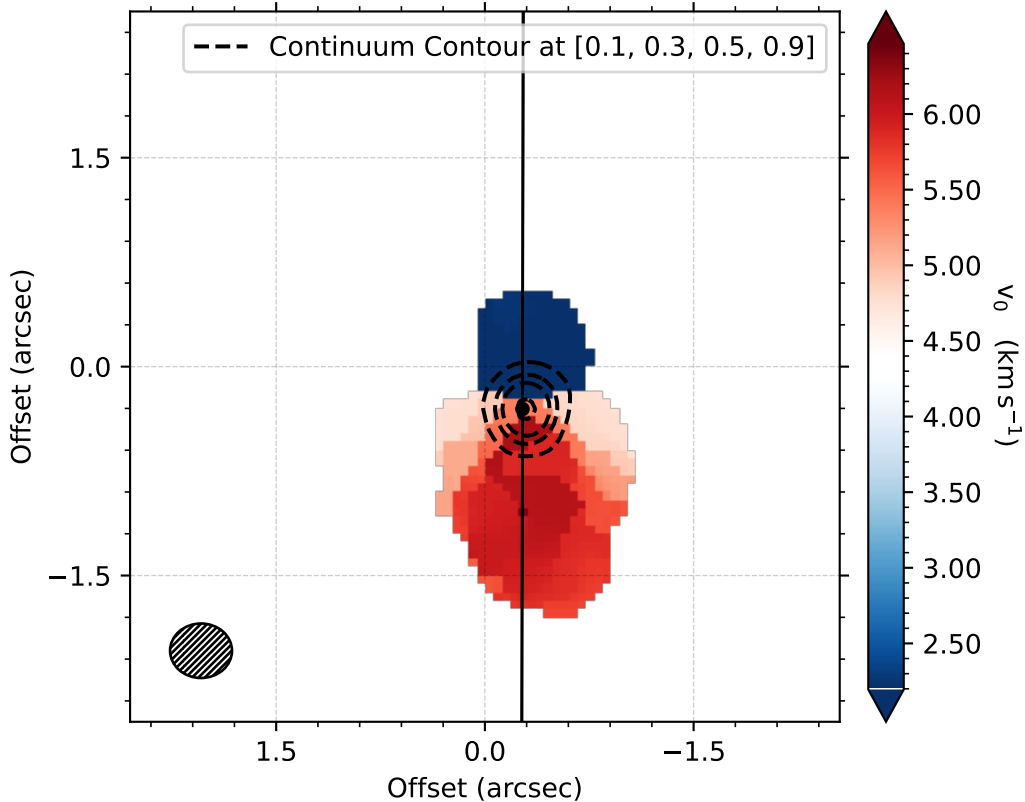
00243

x



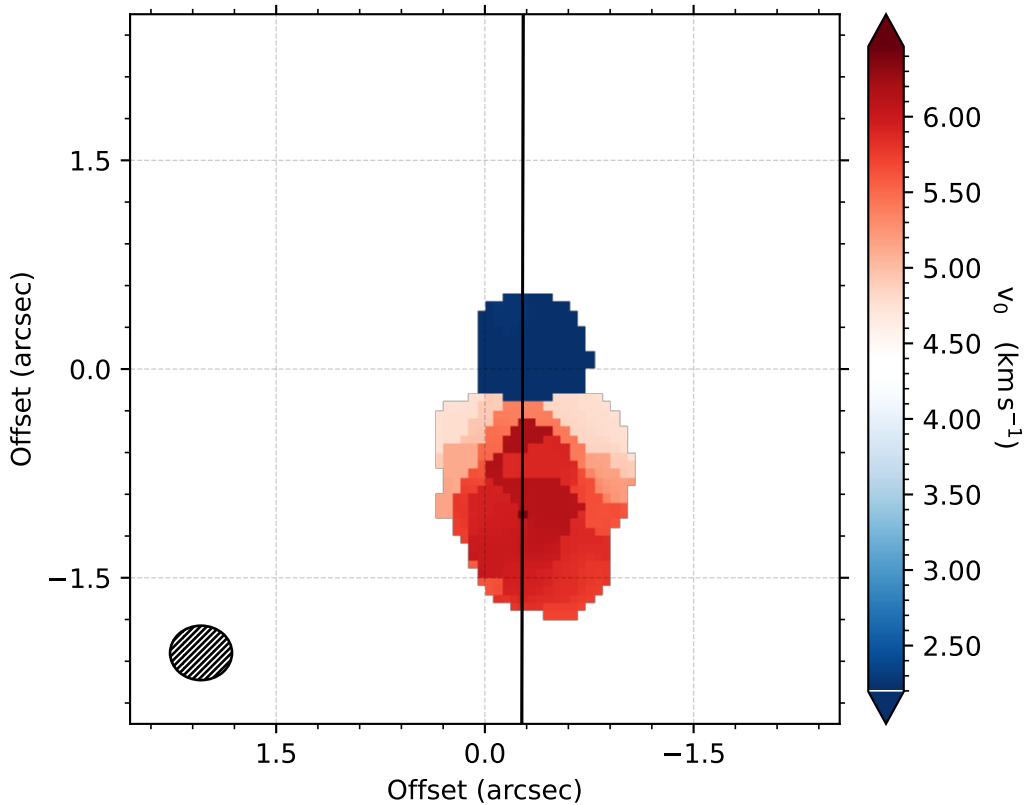
J162854.1-244744

Channels: 0-70,100-200



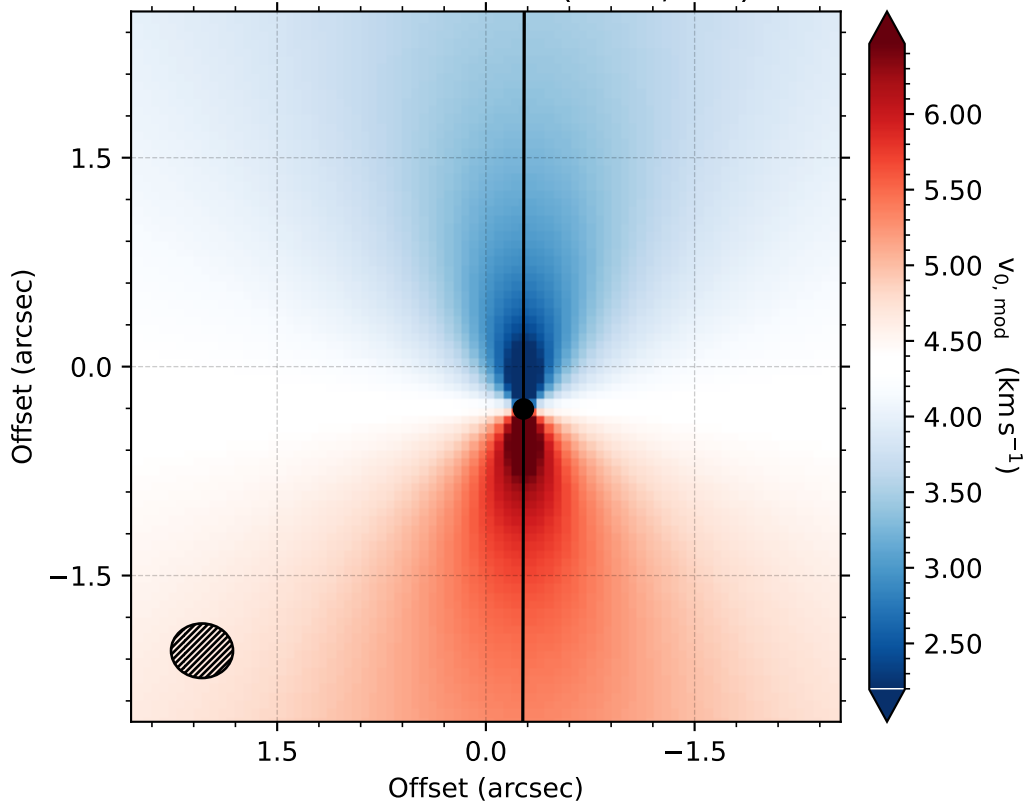
J162854.1-244744

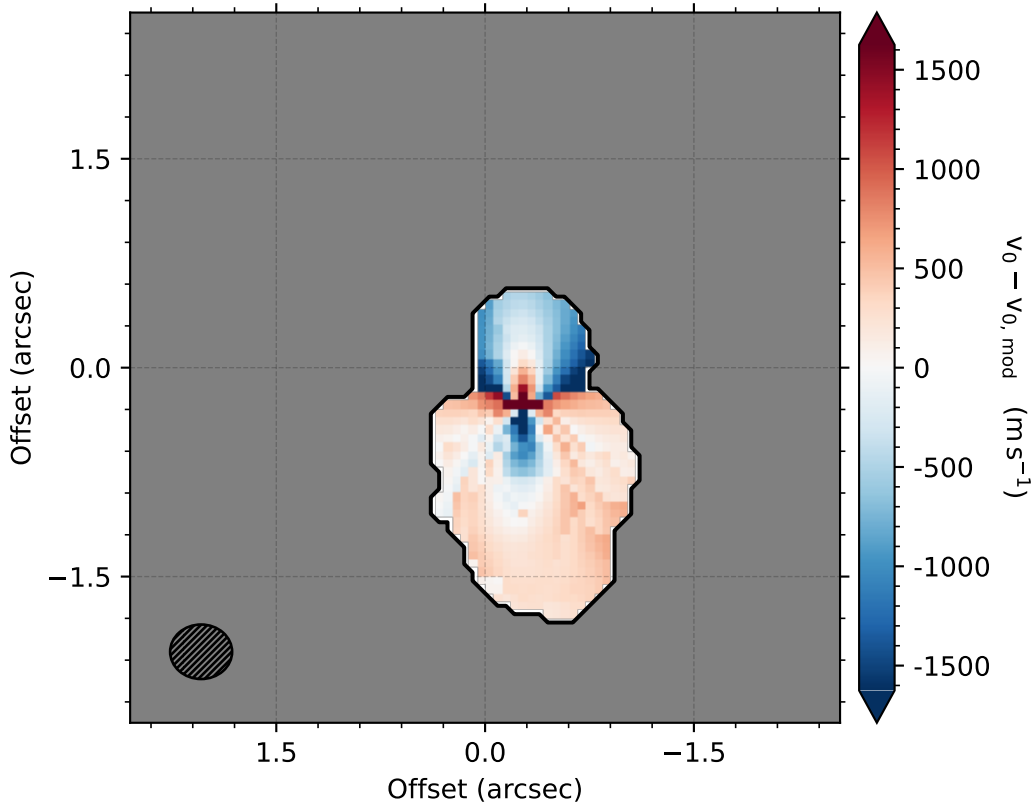
Masked Data, with Background Subtraction [km/s] = None



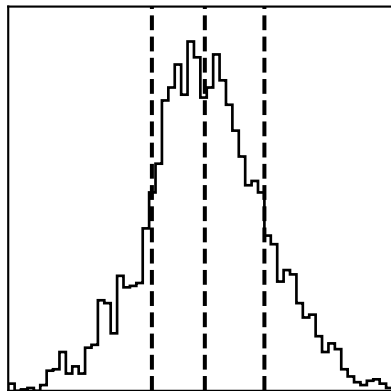
J162854.1-244744

PA: 179.9° -- Offset (-0.27,-0.3)

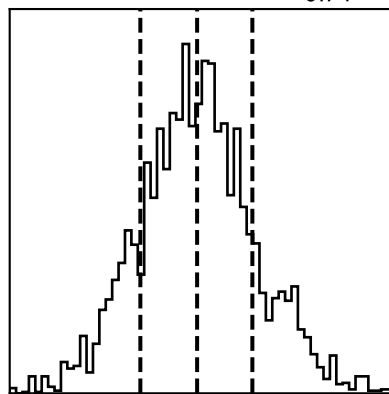




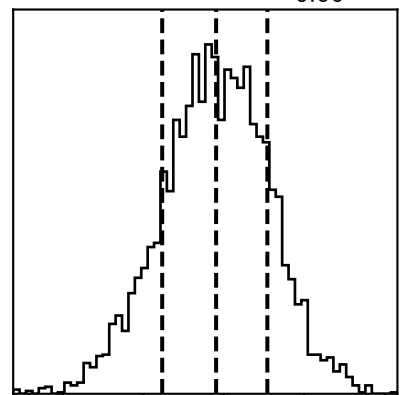
PA = $179.89^{+0.04}_{-0.04}$



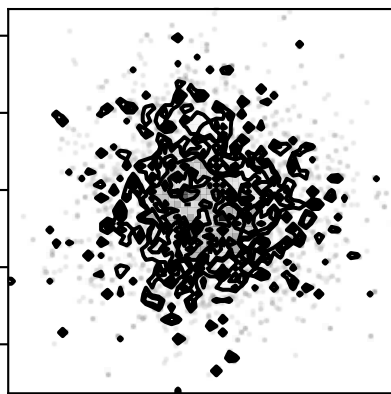
vlsr = $4331.79^{+0.72}_{-0.74}$



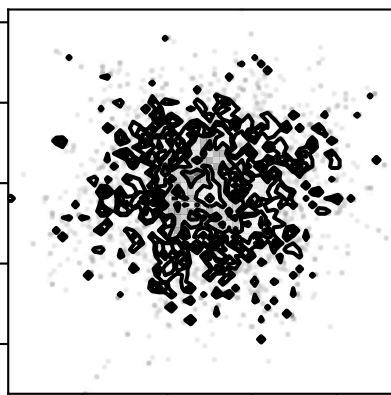
mstar = $0.56^{+0.00}_{-0.00}$



vlsr



mstar



179.80 179.86 179.92 179.98

PA

4330 4331 4332 4333 4334

vlsr

0.563 0.564 0.565 0.566 0.567

mstar

Name: J162854.1-244744

Region: ROph

File: /Users/calebpainter/Downloads/DECO/fits_files/ROph/J162854.1-244744_CO_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 70, 100, 200)

X-pos: 247.225283

Y-pos: -24.795803

X-offset: -0.27

Y-offset: -0.3

Literature PA: 122.3

Eddy PA: 179.89

Literature Mass [M]: 0.396

Eddy Mass [M]: 0.56

DECO Dict vsys [km/s]: 4.8

Eddy vlsr [m/s]: 4.33

Literature Inc: 49.87

Eddy Inc: --

Literature Distance [Mpc]: 136.46

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

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

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC GOOD