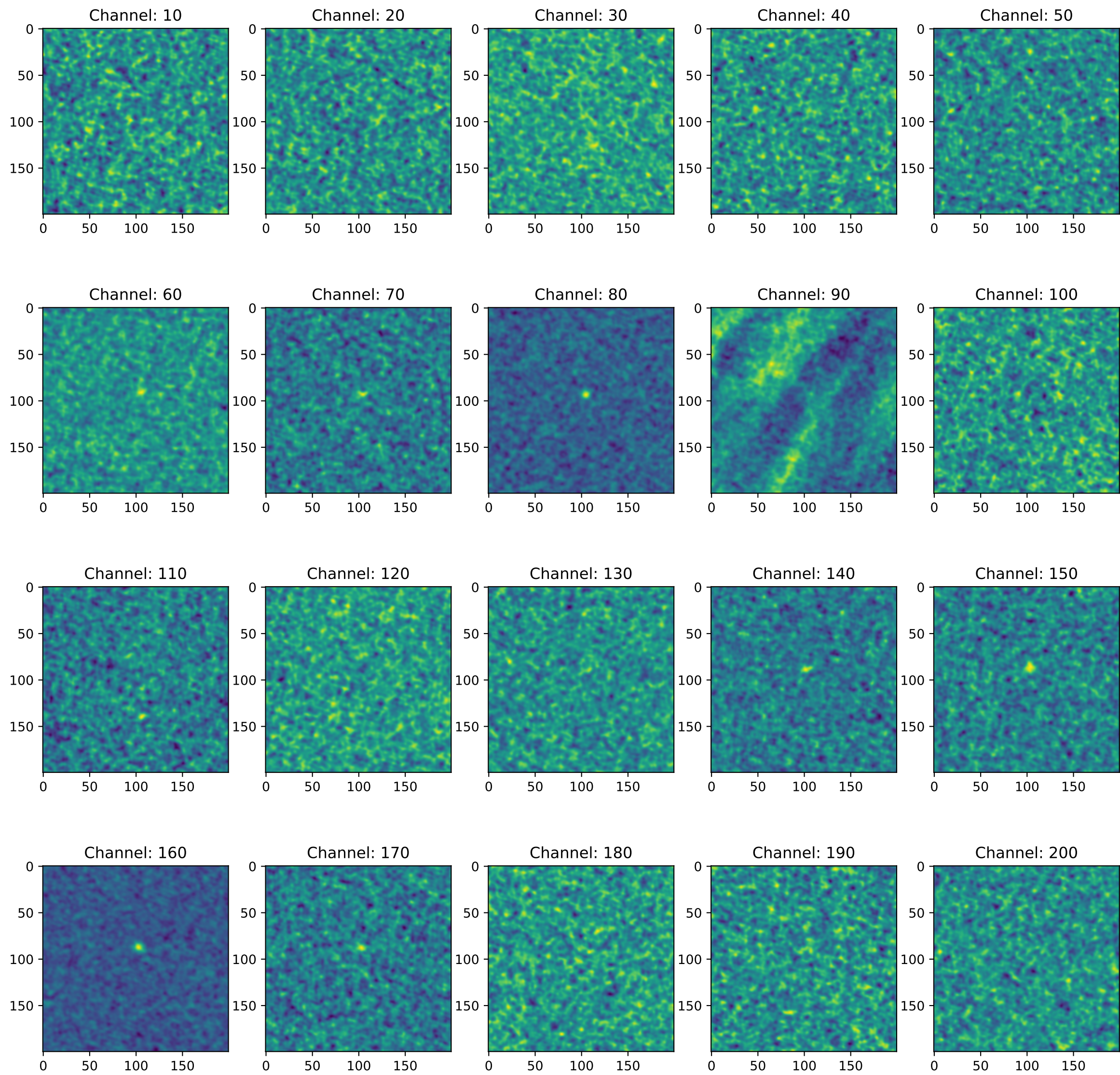


## J162656.8-241351, CO



# Continuum Stamp

pos.eq.dec

$-24^{\circ}14'09''$

10"

11"

16<sup>h</sup>26<sup>m</sup>58.20<sup>s</sup> 58.15<sup>s</sup> 58.10<sup>s</sup> 58.05<sup>s</sup> 58.00<sup>s</sup>

pos.eq.ra

0.8

0.6

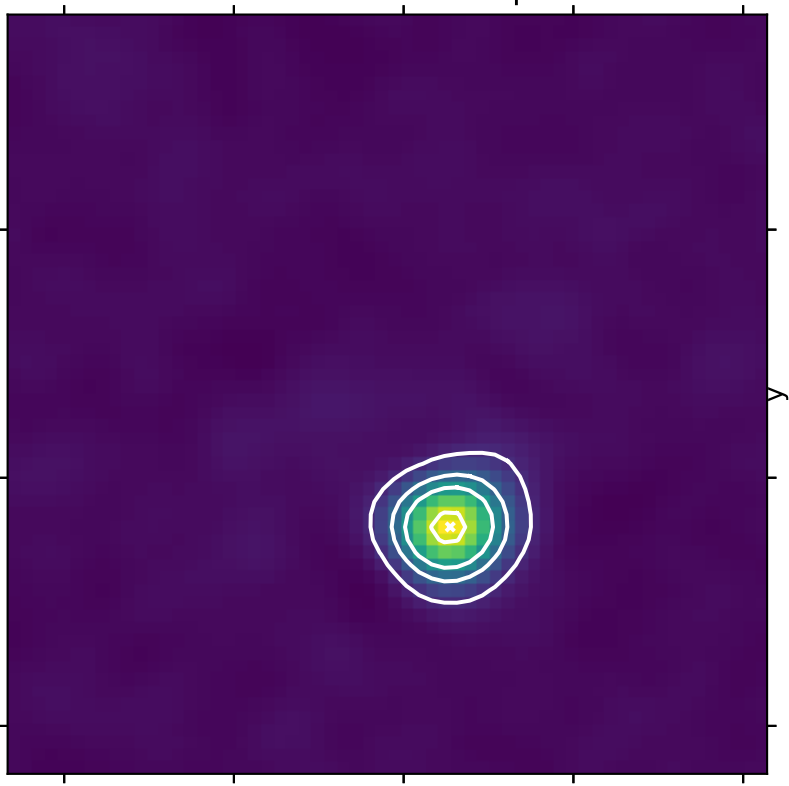
0.4

0.2

0.0

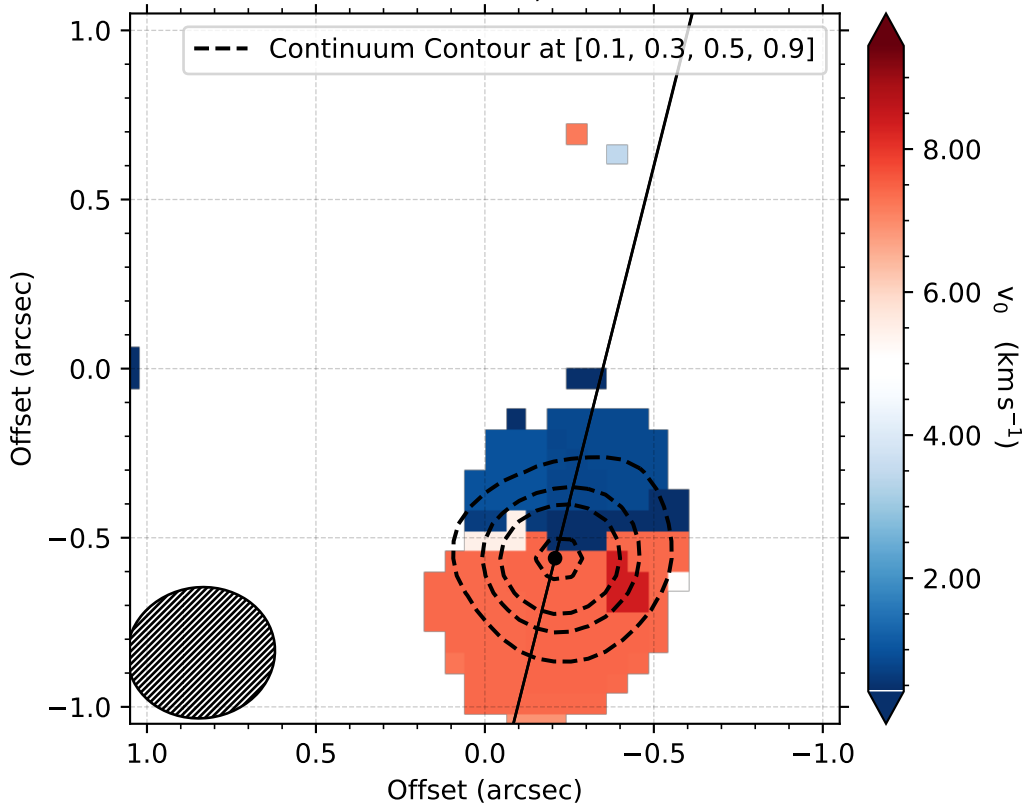
0.025

x



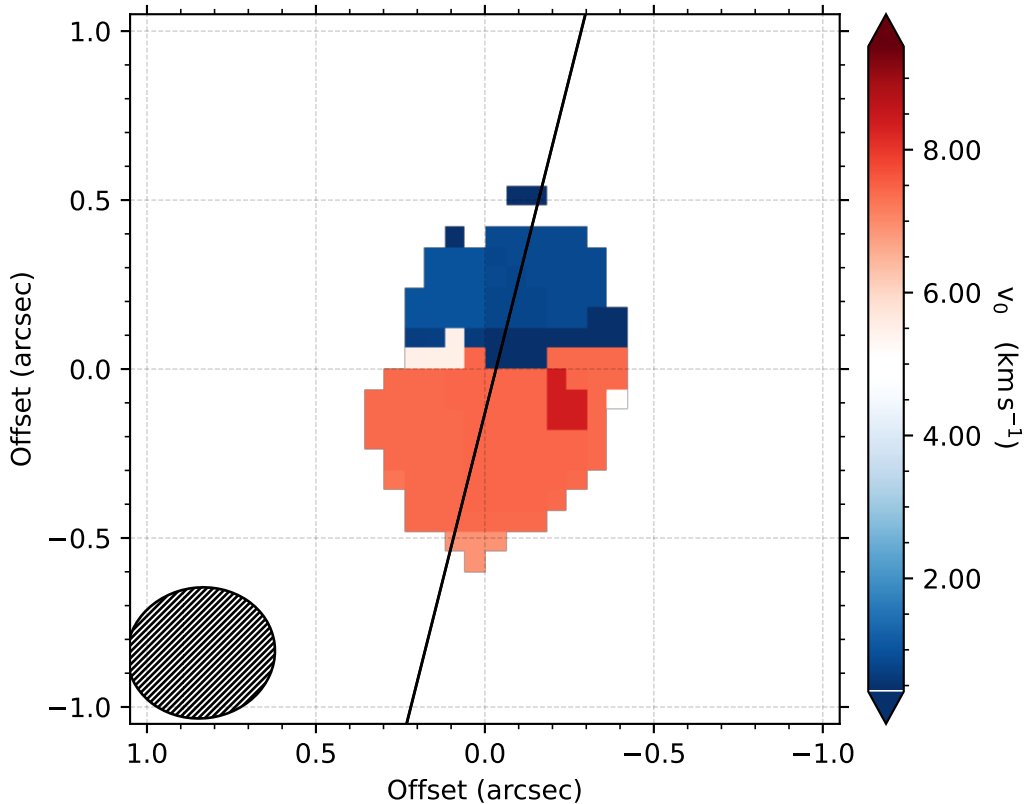
J162656.8-241351

Channels: 0-80,110-200



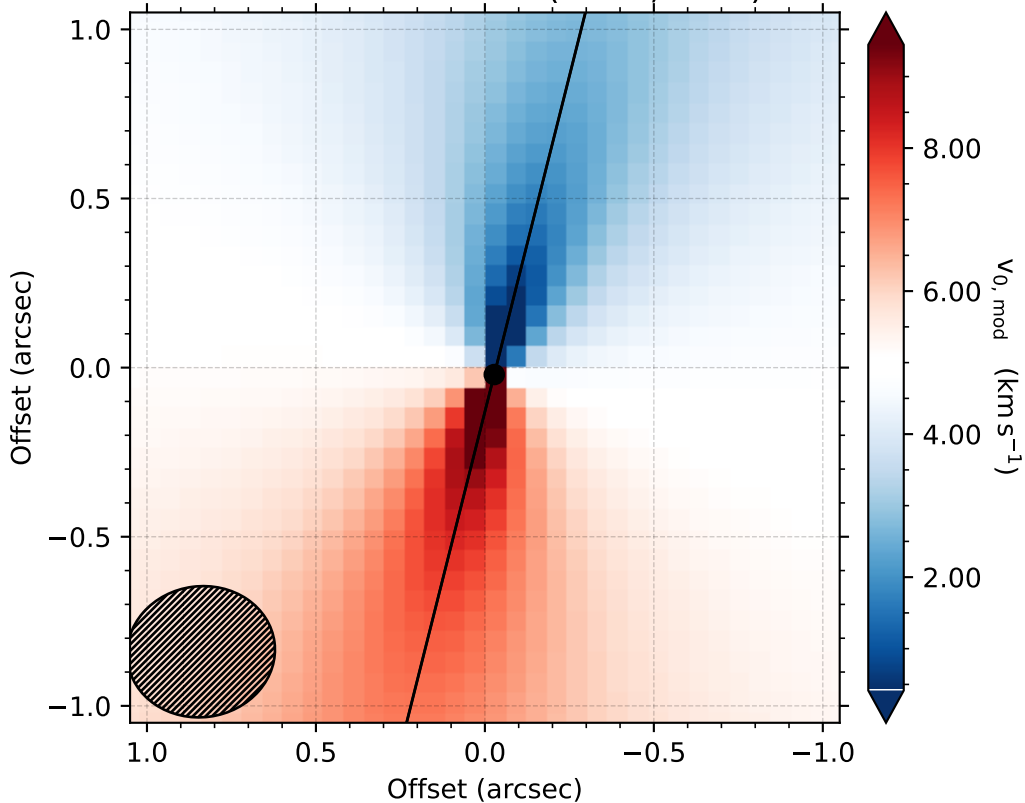
# J162656.8-241351

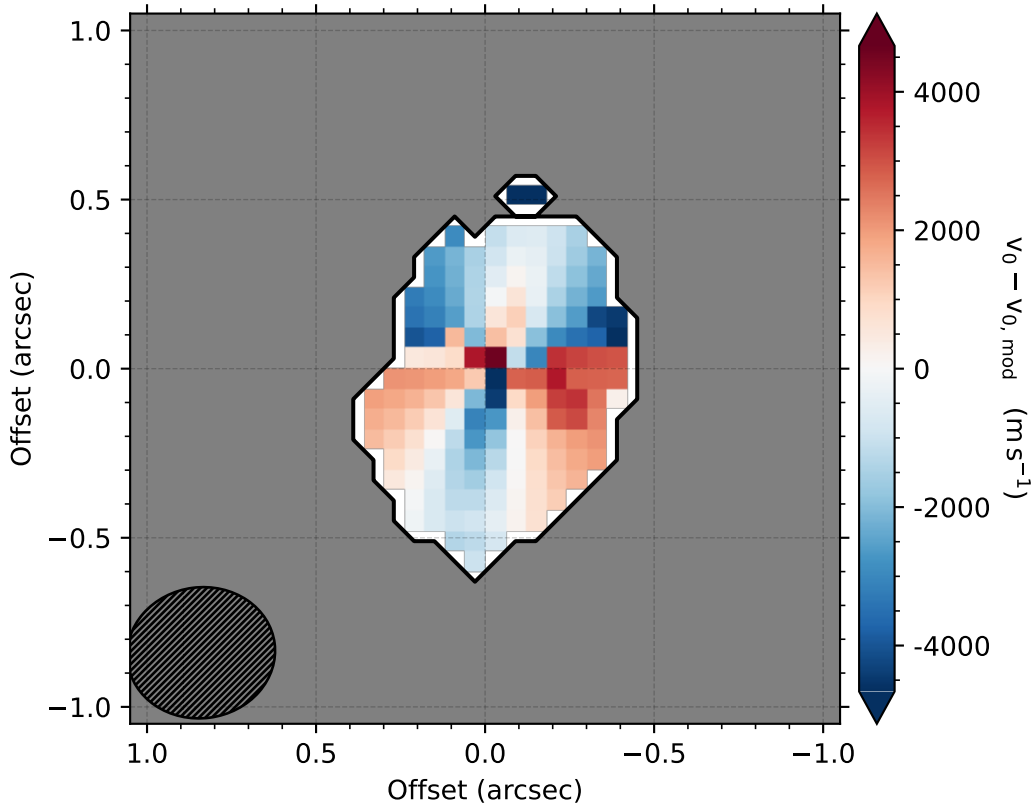
Masked Data, with Background Subtraction [km/s] = None  
Force Recentered



J162656.8-241351

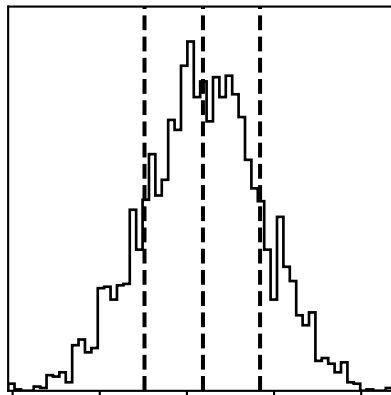
PA:  $165.9^\circ$  -- Offset (-0.03,-0.02)



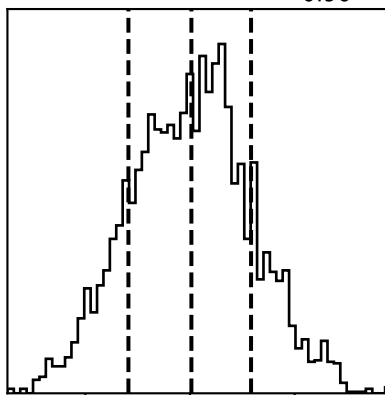




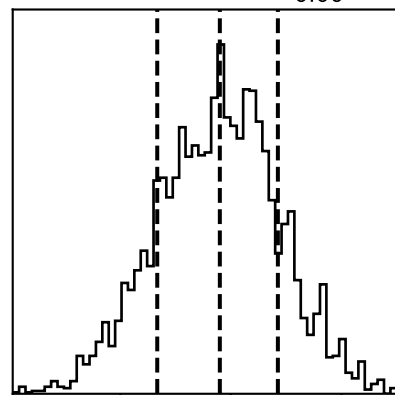
PA =  $165.86^{+0.02}_{-0.02}$



vlsr =  $4928.52^{+0.86}_{-0.90}$



mstar =  $1.03^{+0.00}_{-0.00}$



vlsr

mstar

PA

vlsr

mstar

Name: J162656.8-241351

Region: ROph

File: /Users/calebpainter/Downloads/DECO/fits\_files/ROph/J162656.8-241351\_CO\_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 80, 110, 200)

X-pos: 246.736532

Y-pos: -24.231151

X-offset: -0.21

Y-offset: -0.56

Literature PA: 50.8

Eddy PA: 165.86

Literature Mass [M]: 0.62

Eddy Mass [M]: 1.03

DECO Dict vsys [km/s]: 2.7

Eddy vlsr [m/s]: 4.93

Literature Inc: 63.64

Eddy Inc: --

Literature Distance [Mpc]: 136.52

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

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

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC GOOD, center had to be reset to converge