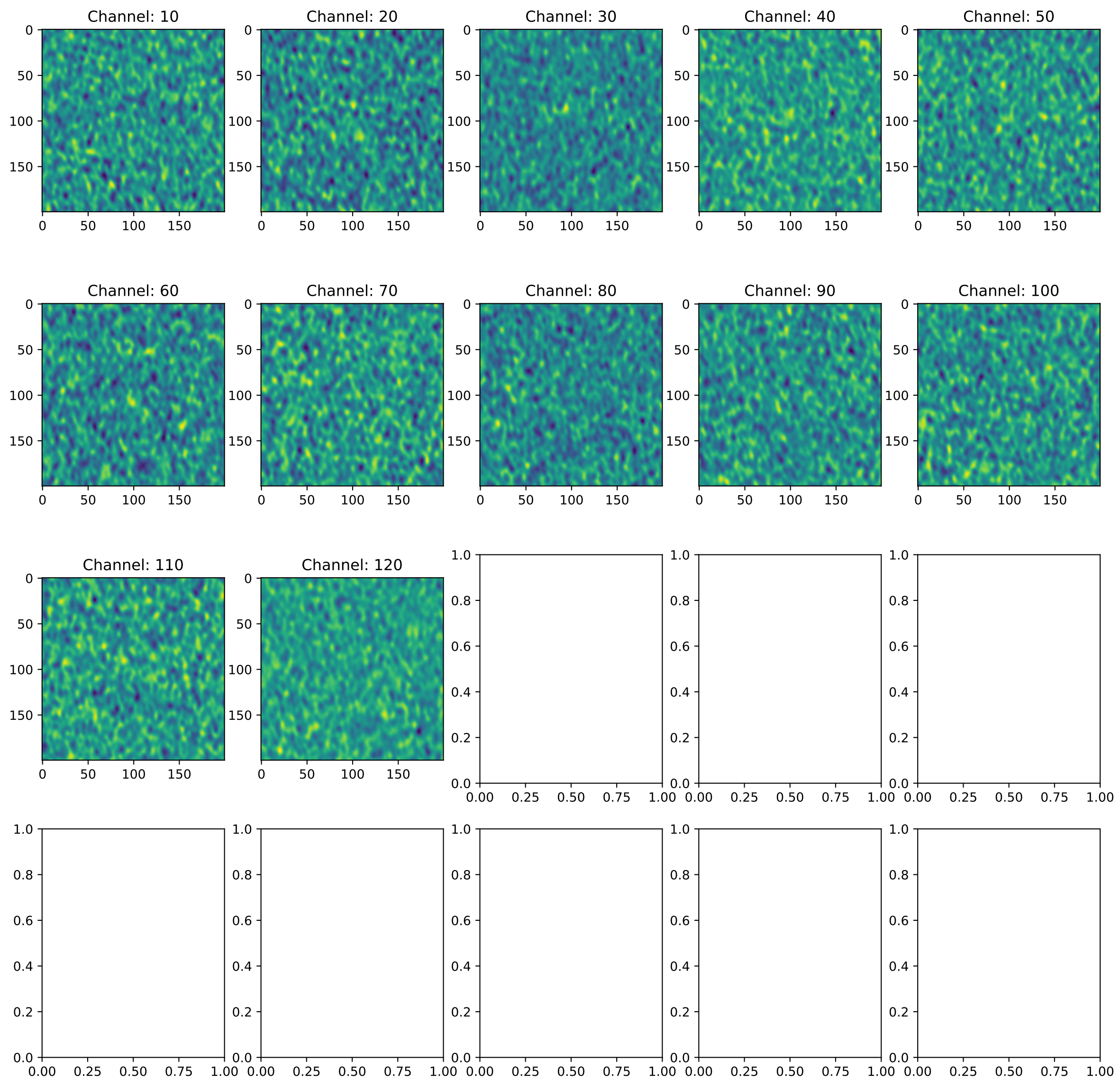


DS_Tau, Tau



Continuum Stamp

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

y

0.8

0.6

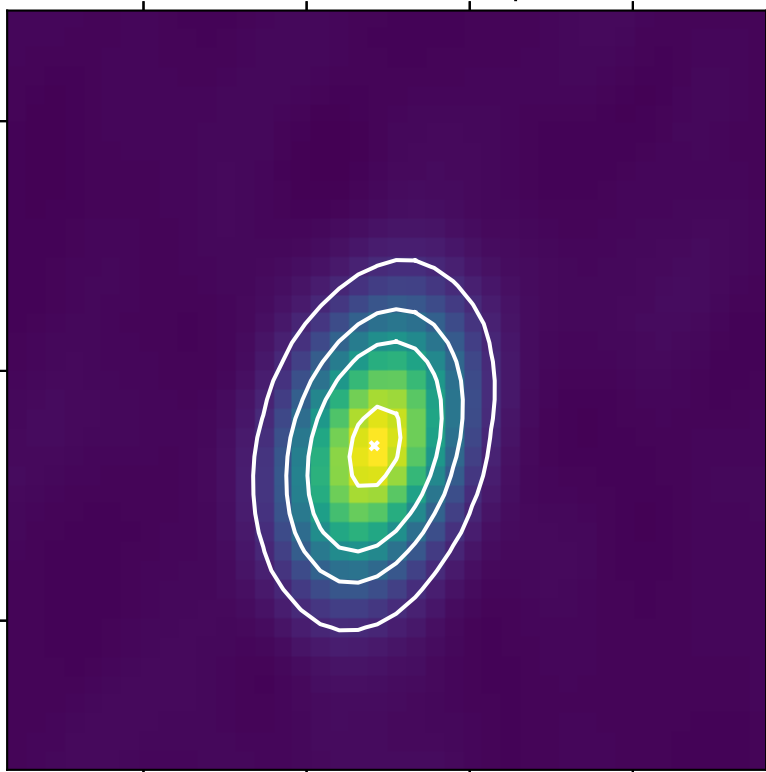
0.4

0.2

0.0

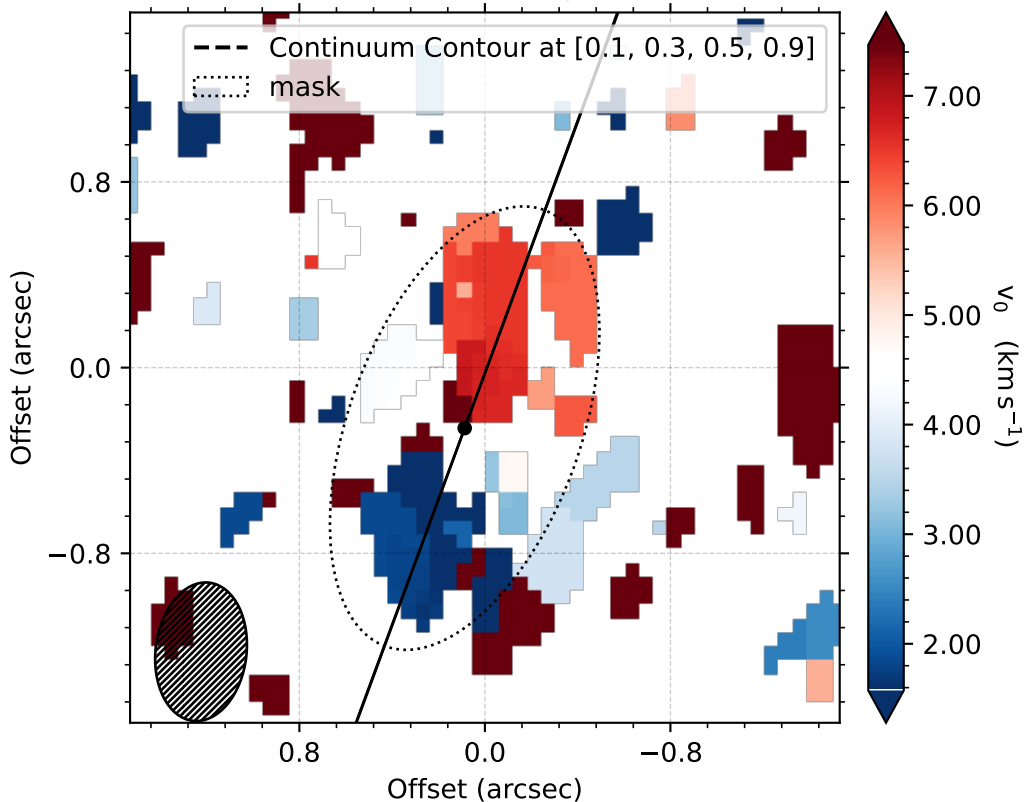
0.025

x



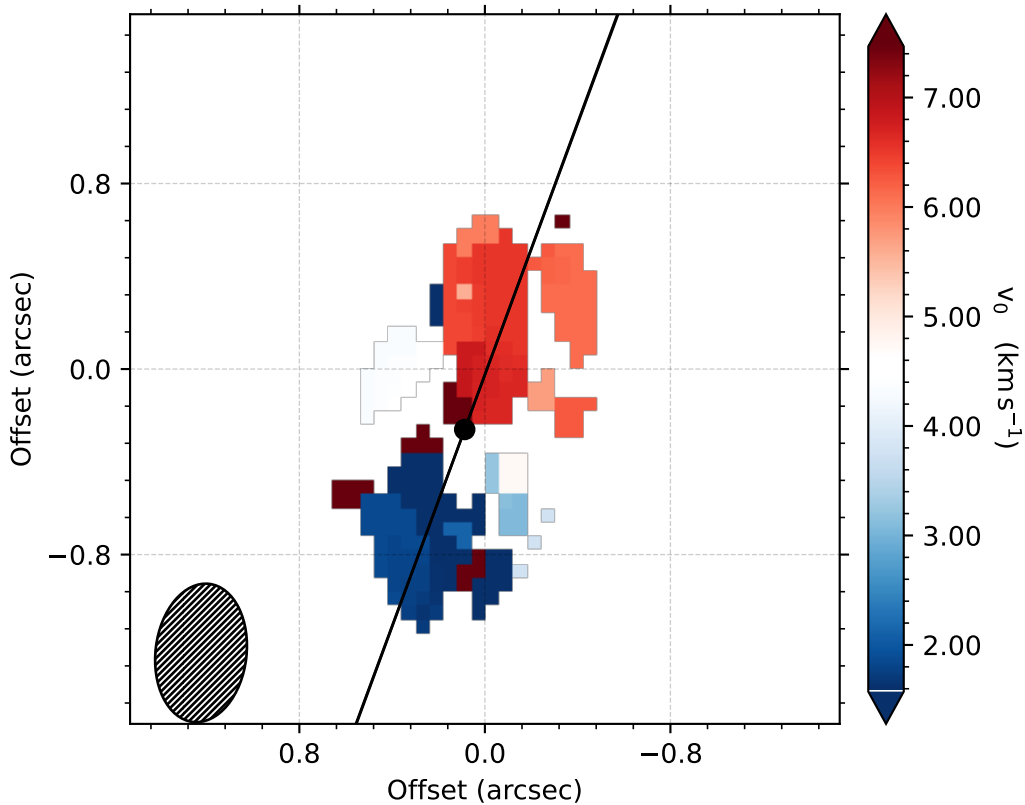
['DS', 'Tau']

Channels: 0-140,0-140



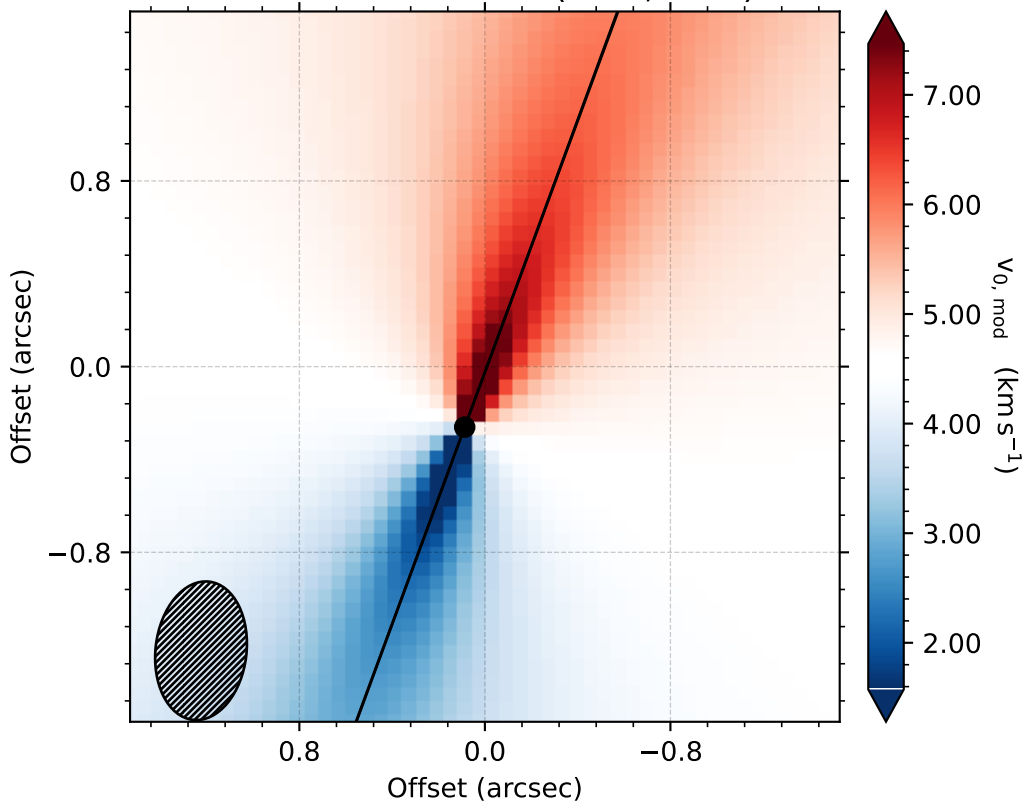
DS_Tau

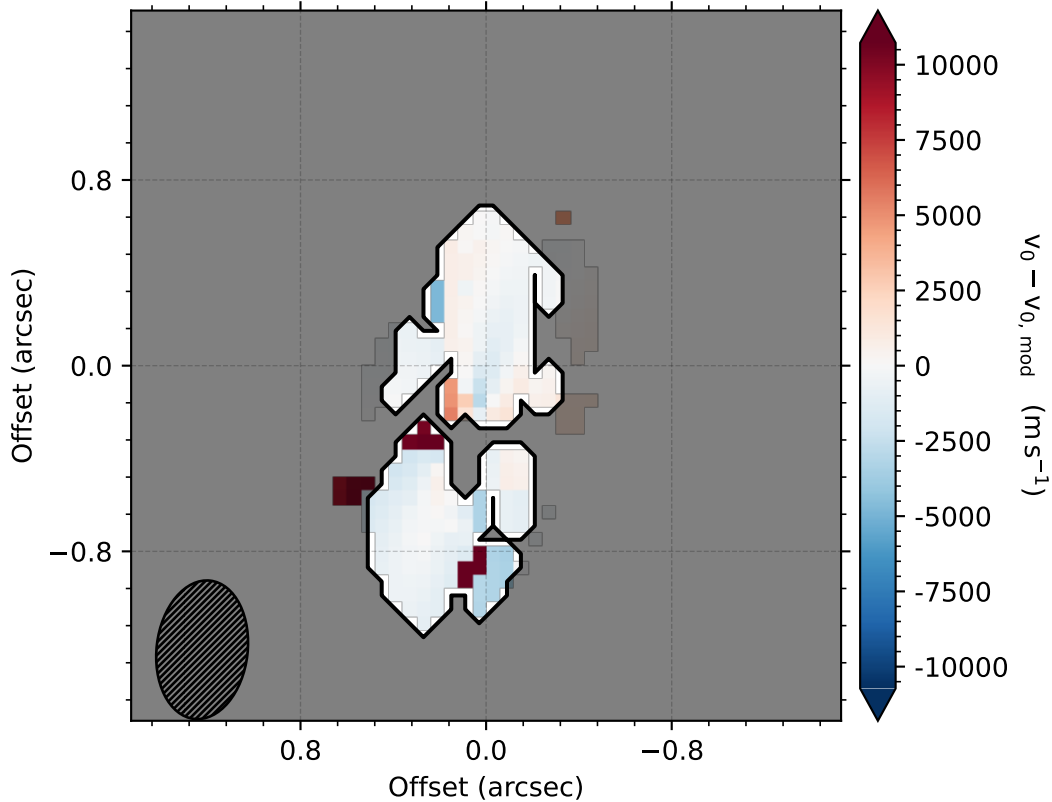
Masked Data, with Background Subtraction [km/s] = None



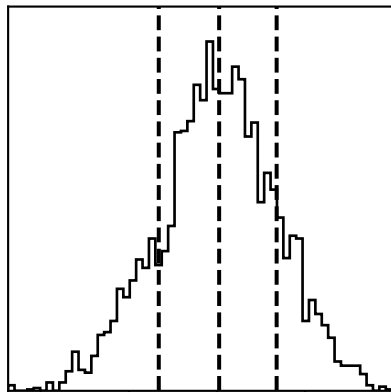
DS

PA: 339.8° -- Offset (0.09, -0.26)

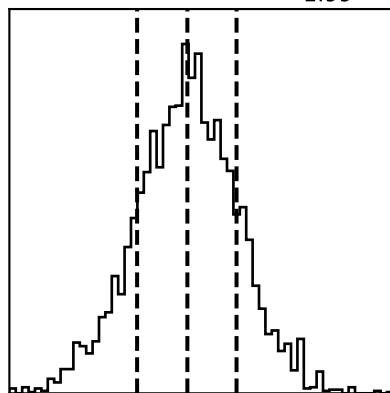
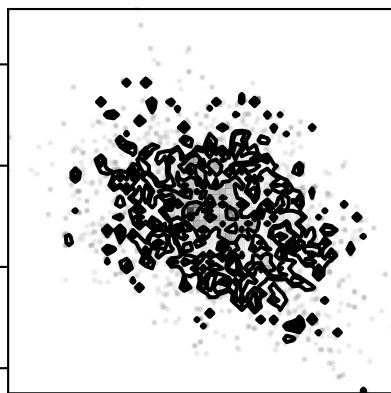




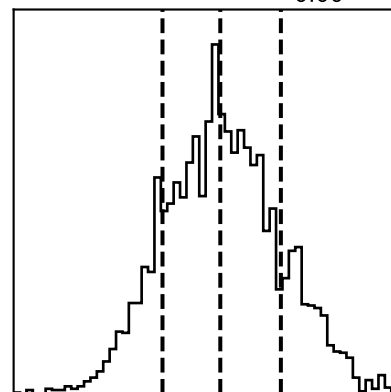
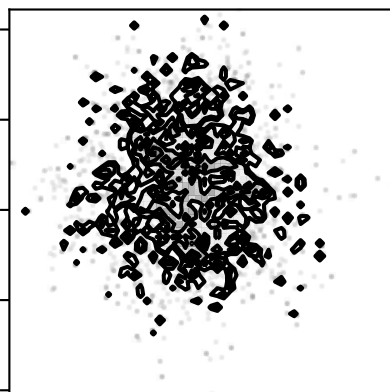
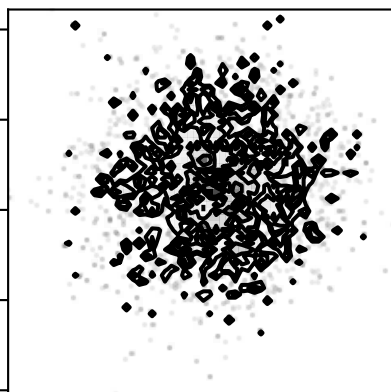
PA = $339.76^{+0.04}_{-0.04}$



vlsr = $4522.04^{+1.94}_{-1.99}$



mstar = $0.78^{+0.00}_{-0.00}$



vlsr

mstar

PA

vlsr

mstar

Name: DS_Tau

Region: Taurus

File: /Users/calebpainter/Downloads/DECO/fits_files/Taurus/DS_Tau_HCN_hf1_265.885GHz.image.fits

Emmision Line: Tau

Channels: (0, 140, 0, 140)

X-pos: 71.952524

Y-pos: 29.419621

X-offset: 0.09

Y-offset: -0.26

Literature PA: 63.0

Eddy PA: 339.76

Literature Mass [M]: 0.497

Eddy Mass [M]: 0.78

DECO Dict vsys [km/s]: 5.7

Eddy vlsr [m/s]: 4.52

Literature Inc: 70.0

Eddy Inc: --

Literature Distance [Mpc]: 158.35

Eddy rmin, rmax ["]: (0.1, 1)

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

Velocity Mask: [0.5, 1, 20]

Background Velocity Removal: None

Notes: MCMC GOOD, disk resolution mediocre