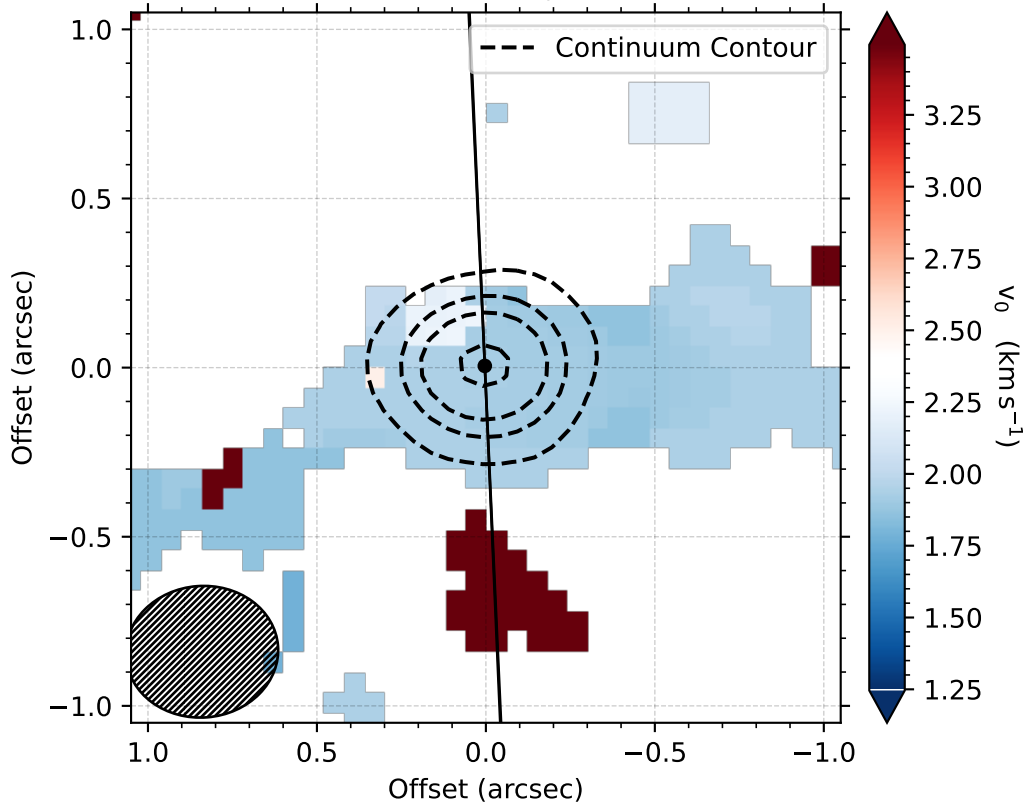
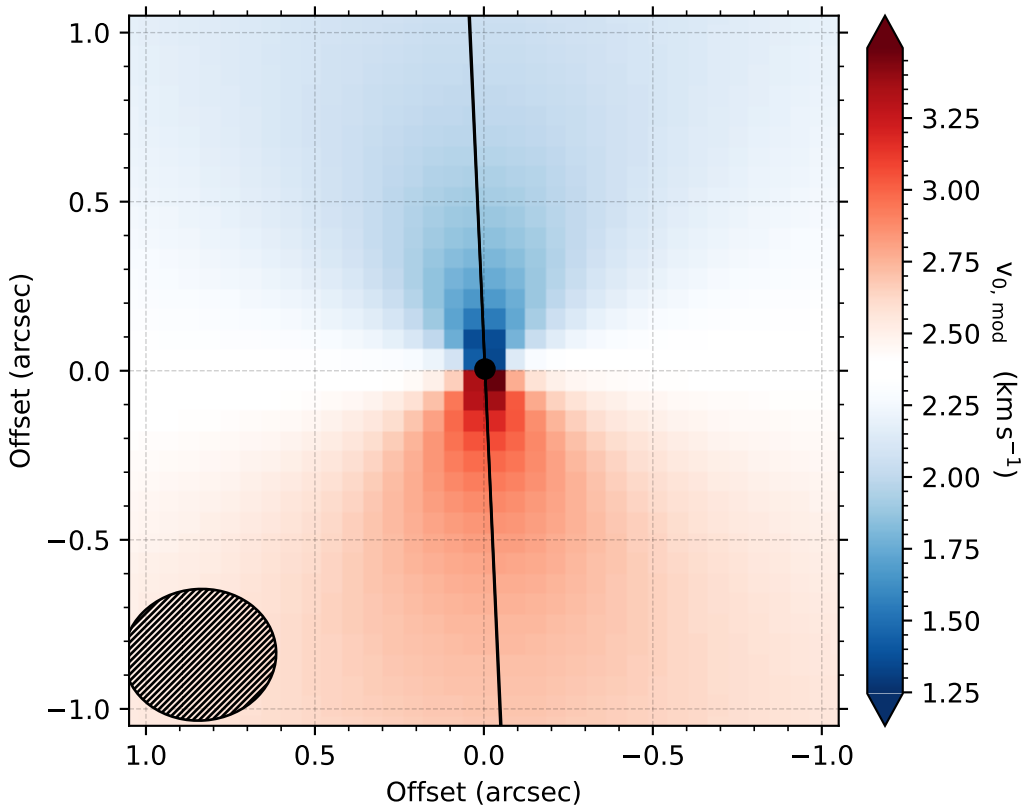


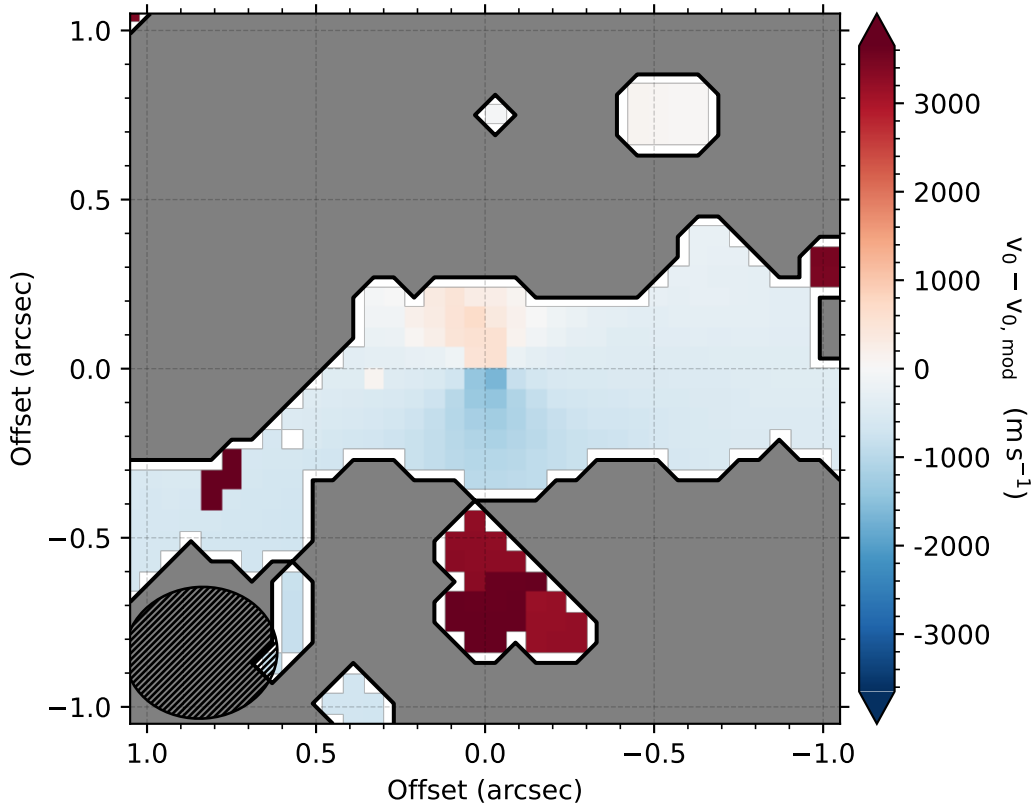
J162649.0-243825

Channels: 30-80,110-200

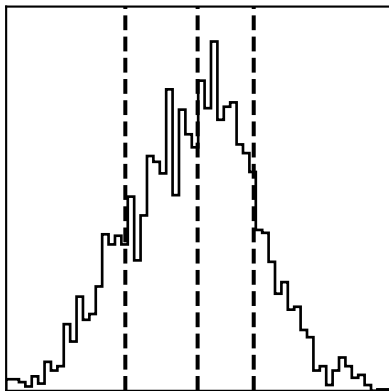


PA:  $182.6^\circ$

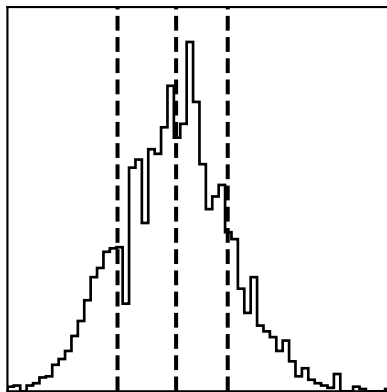




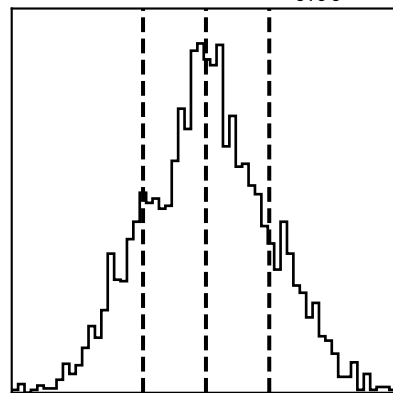
PA =  $182.55^{+0.06}_{-0.07}$



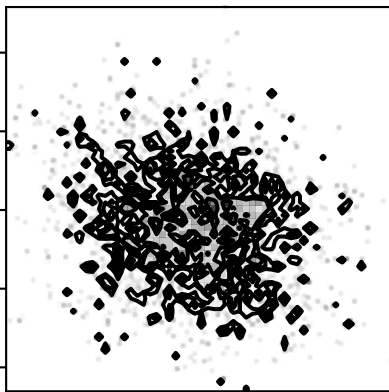
vlsr =  $2366.27^{+0.53}_{-0.60}$



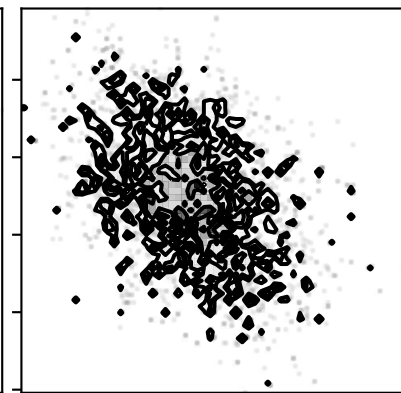
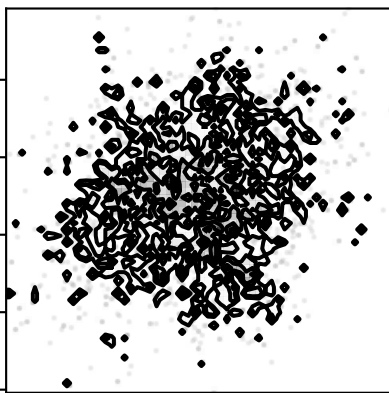
mstar =  $0.11^{+0.00}_{-0.00}$



vlsr



mstar



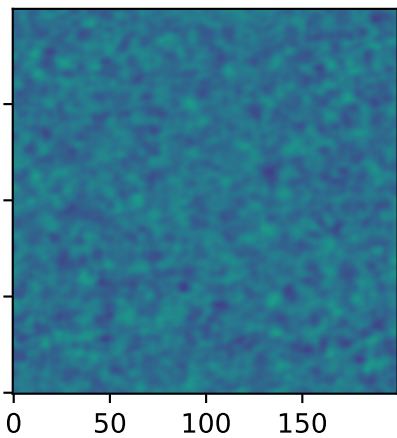
PA

vlsr

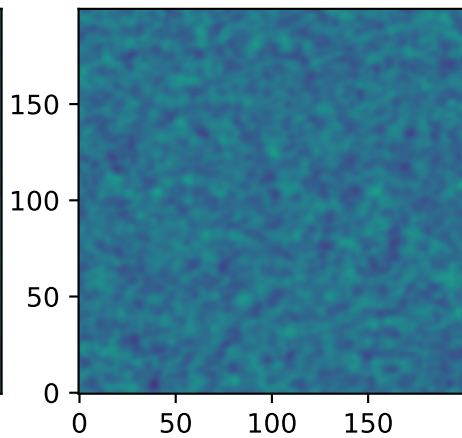
mstar

## J162649.0-243825, CO

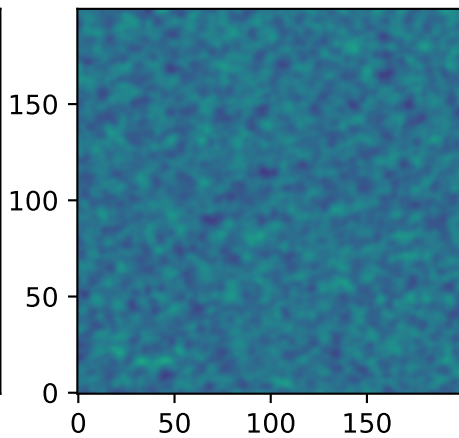
Channel: 10



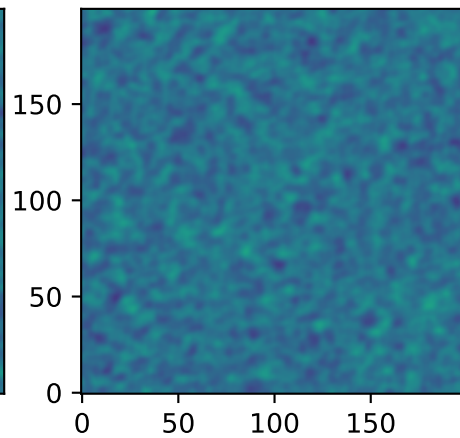
Channel: 20



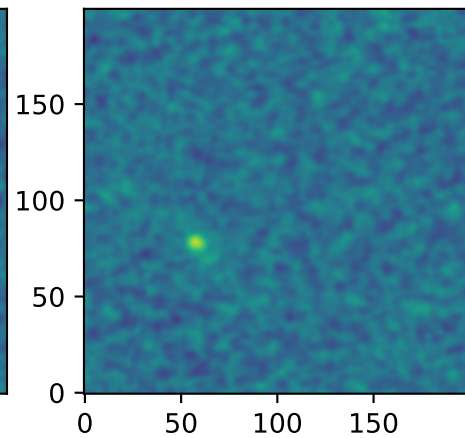
Channel: 30



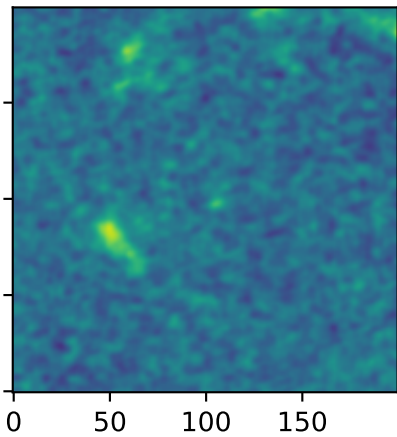
Channel: 40



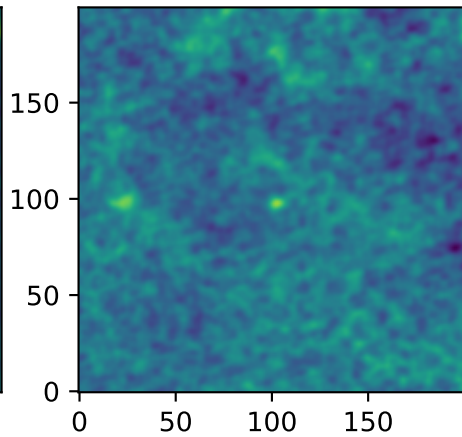
Channel: 50



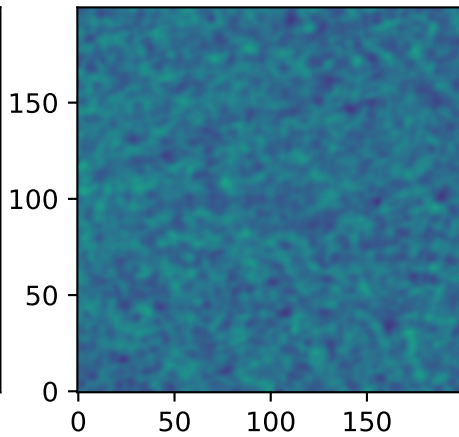
Channel: 60



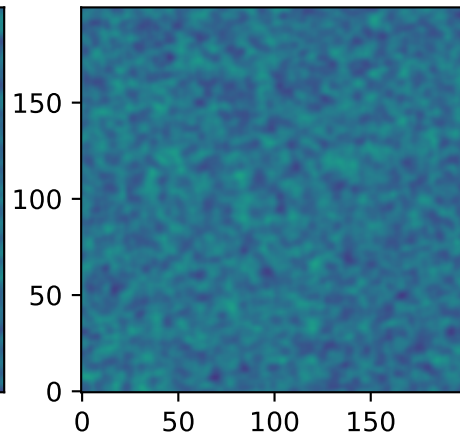
Channel: 70



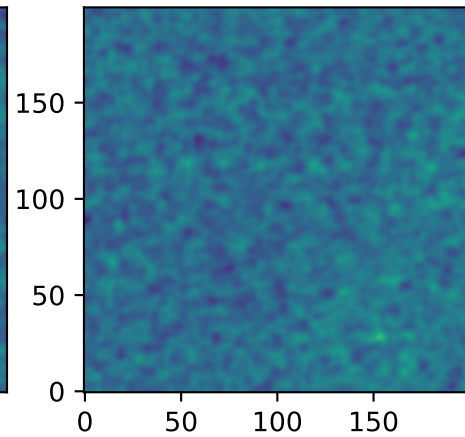
Channel: 80



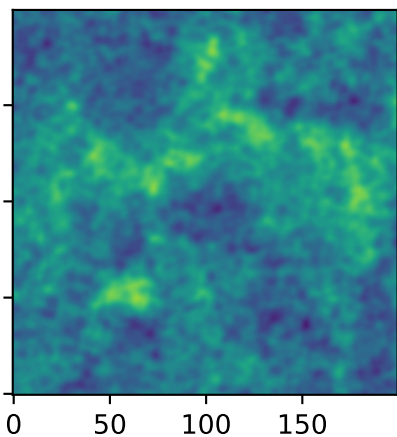
Channel: 90



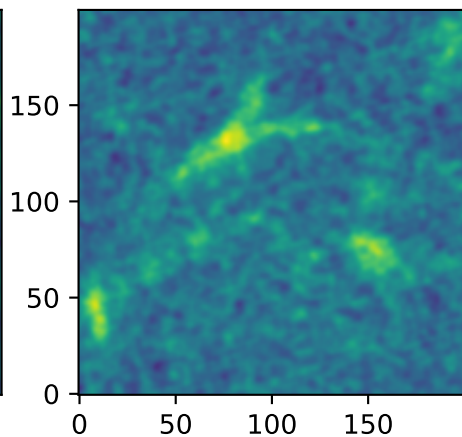
Channel: 100



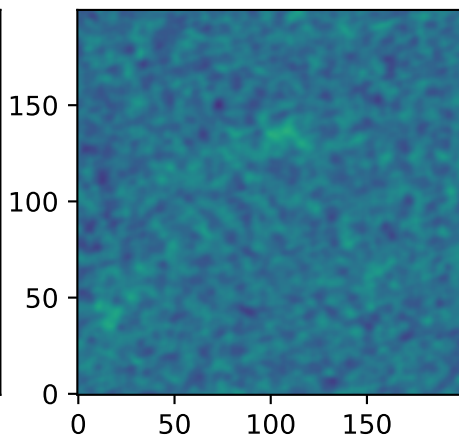
Channel: 110



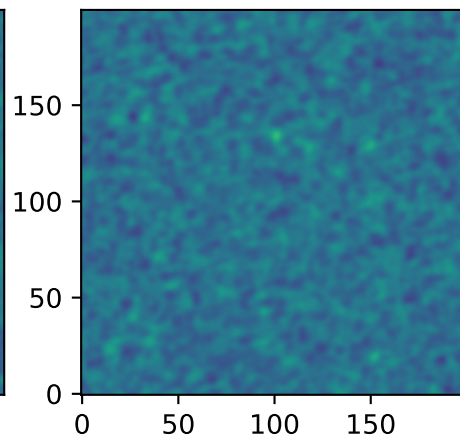
Channel: 120



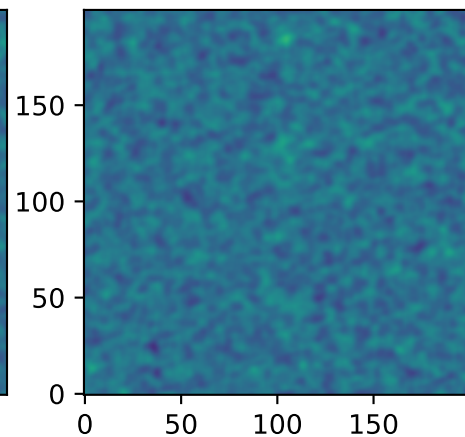
Channel: 130



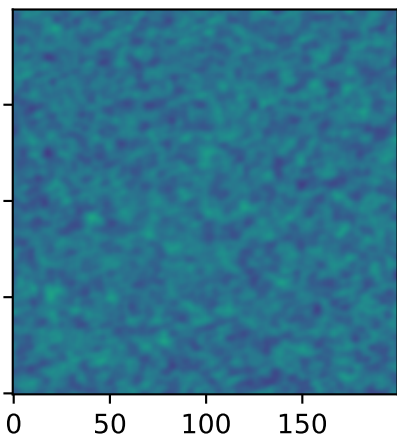
Channel: 140



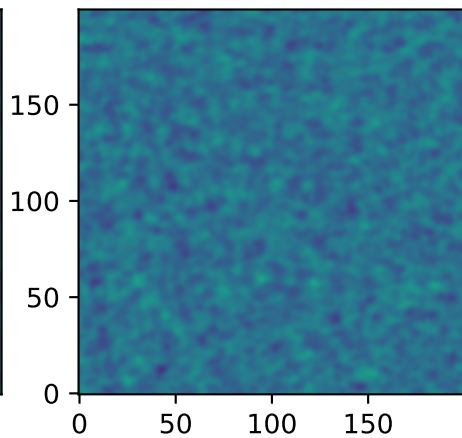
Channel: 150



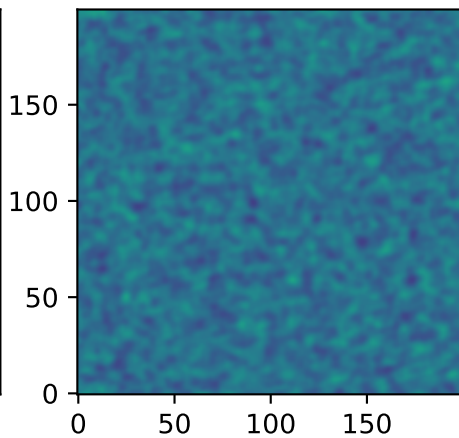
Channel: 160



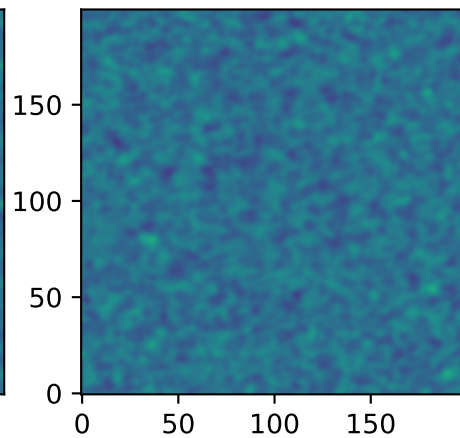
Channel: 170



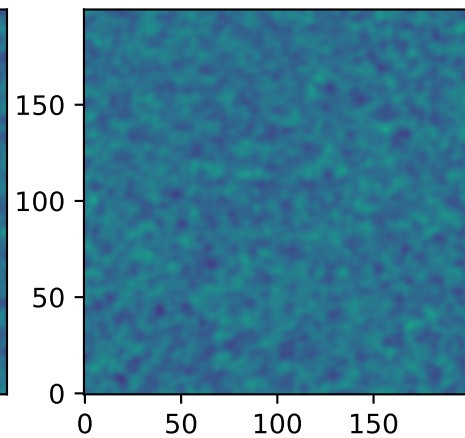
Channel: 180



Channel: 190



Channel: 200



Name: J162649.0-243825

Region: ROph

File: /Users/calebpainter/Downloads/DECO/fits\_files/ROph/J162649.0-243825\_CO\_230.538GHz.image.fits

Emission Line: CO

Channels: (30, 80, 110, 200)

X-pos: 246.70406

Y-pos: -24.640489

X-offset: 0.0

Y-offset: 0.01

Literature PA: 83.4

Eddy PA: 182.55

Literature Mass [M]: 0.292

Eddy Mass [M]: 0.11

DECO Dict vsys [km/s]: 4.7

Eddy vlsr [m/s]: 2.37

Literature Inc: 22.12

Eddy Inc: --

Literature Distance [Mpc]: 132.51

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

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

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC GOOD, DISK SIGNATURE UNCLEAR