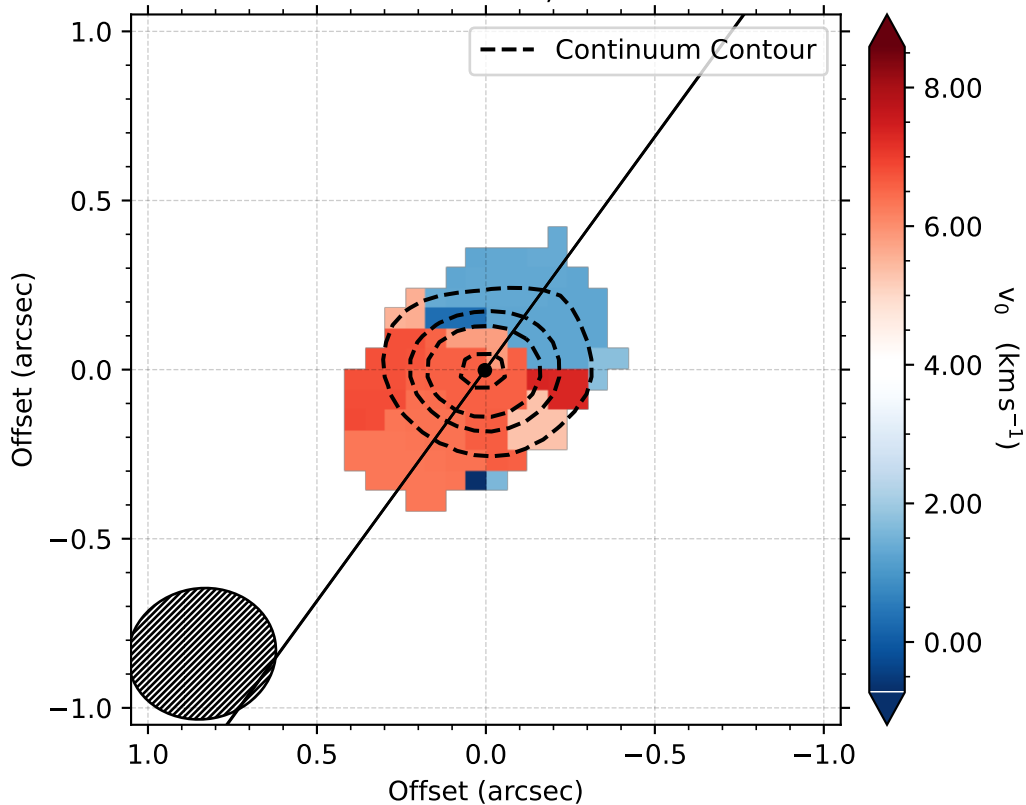
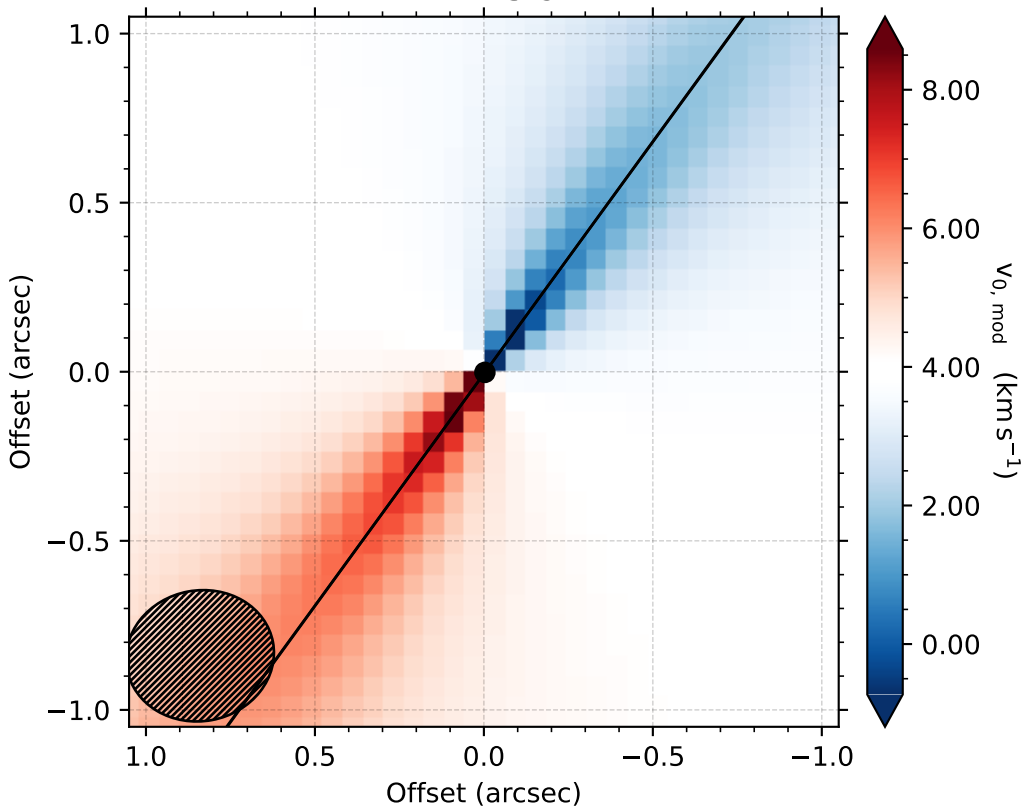


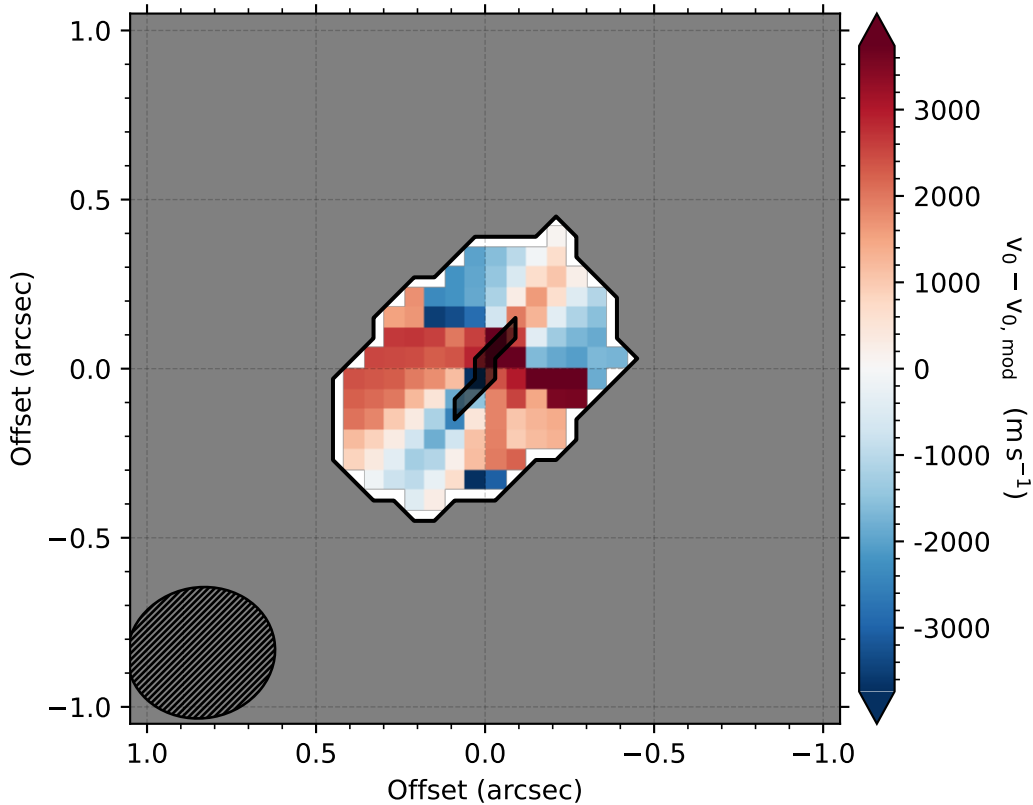
J162536.7-241542

Channels: 0-100,130-200

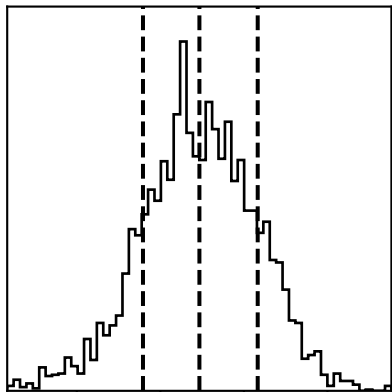


PA:  $143.9^\circ$

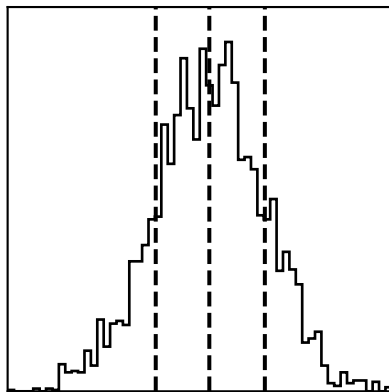




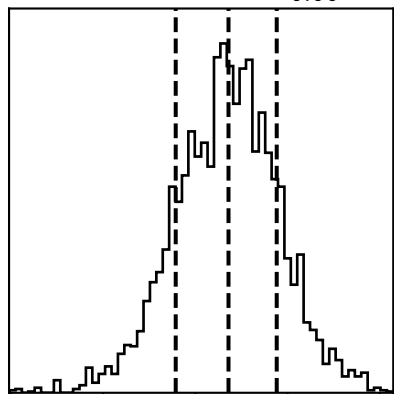
PA =  $143.92^{+0.03}_{-0.03}$



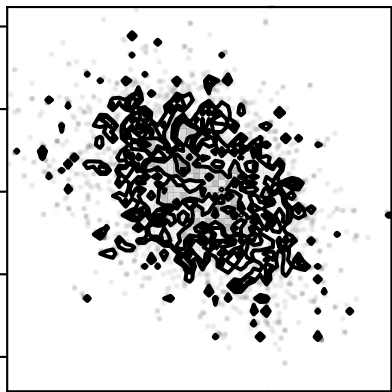
vlsr =  $3925.06^{+1.68}_{-1.62}$



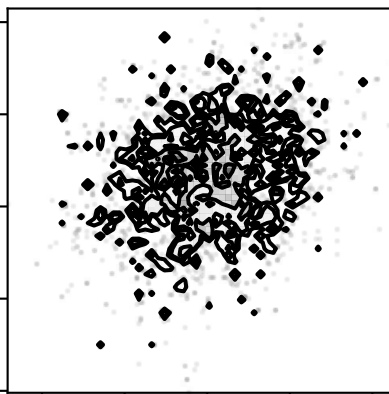
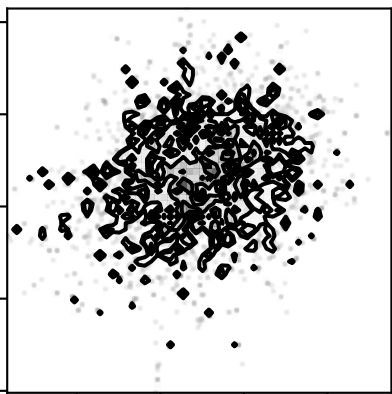
mstar =  $0.79^{+0.00}_{-0.00}$



vlsr



mstar



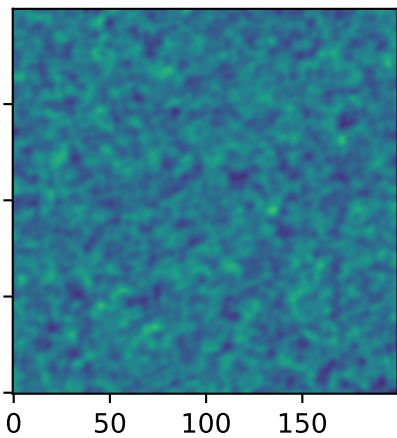
PA

vlsr

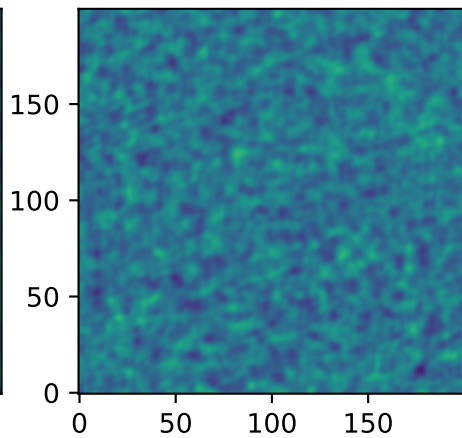
mstar

## J162536.7-241542, CO

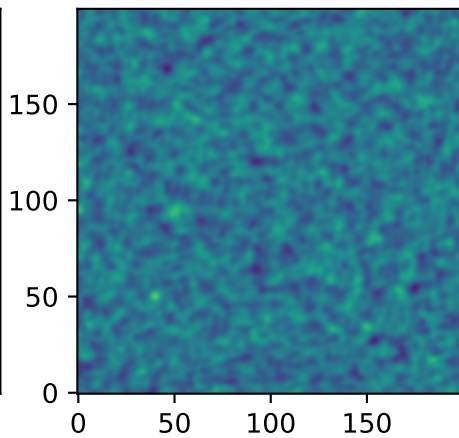
Channel: 10



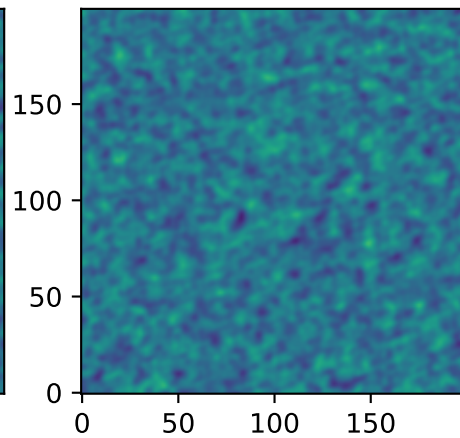
Channel: 20



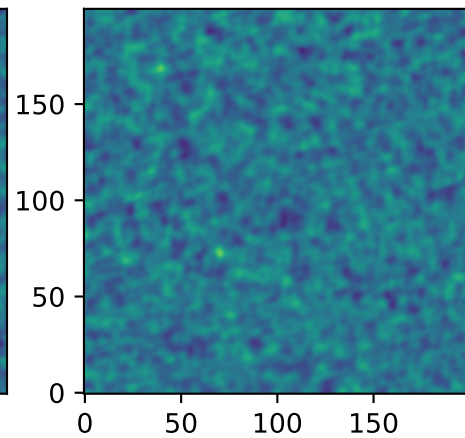
Channel: 30



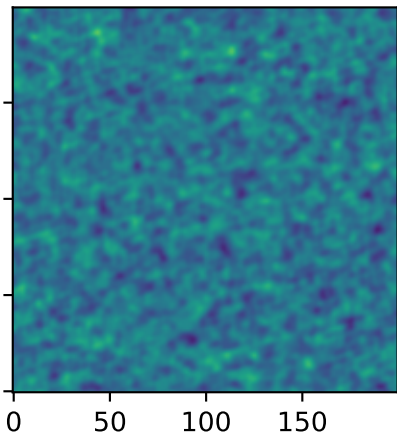
Channel: 40



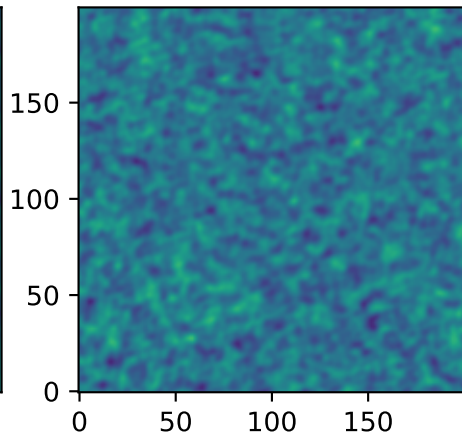
Channel: 50



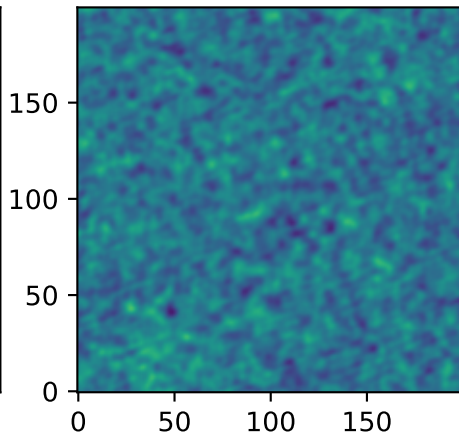
Channel: 60



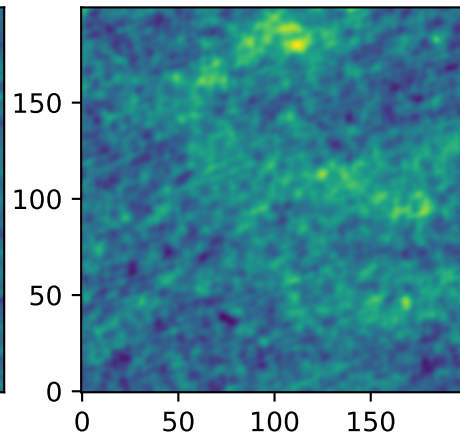
Channel: 70



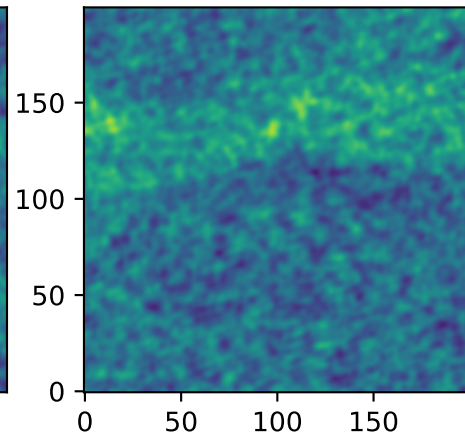
Channel: 80



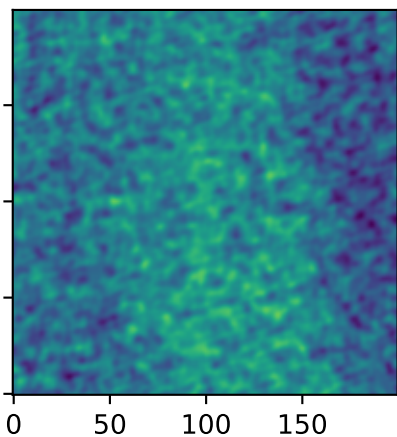
Channel: 90



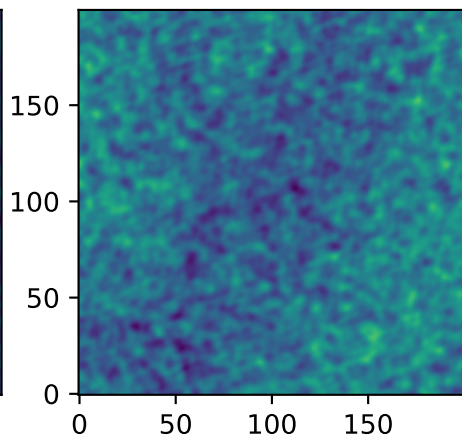
Channel: 100



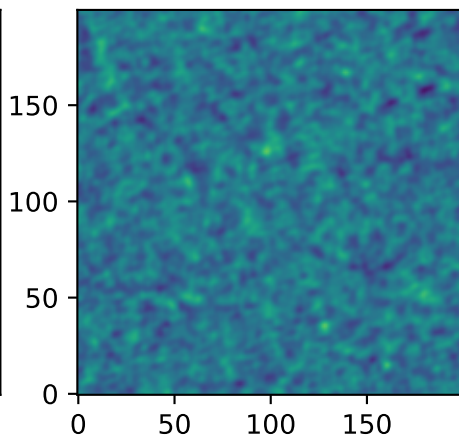
Channel: 110



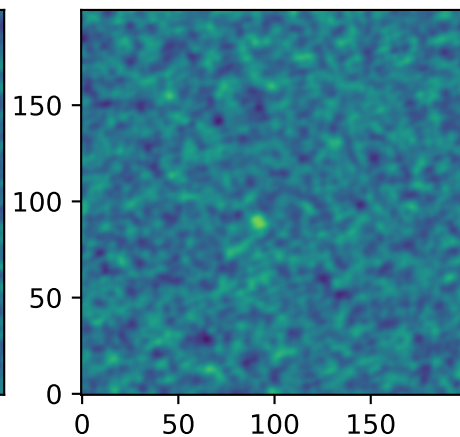
Channel: 120



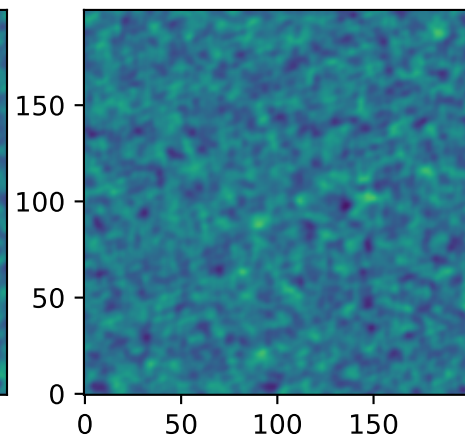
Channel: 130



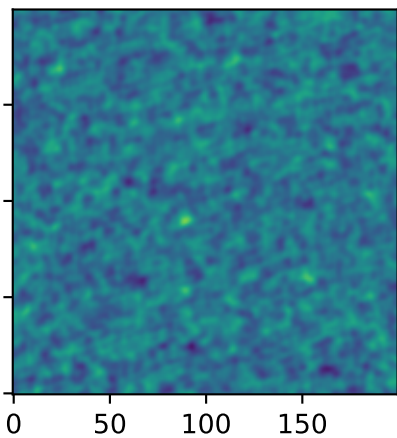
Channel: 140



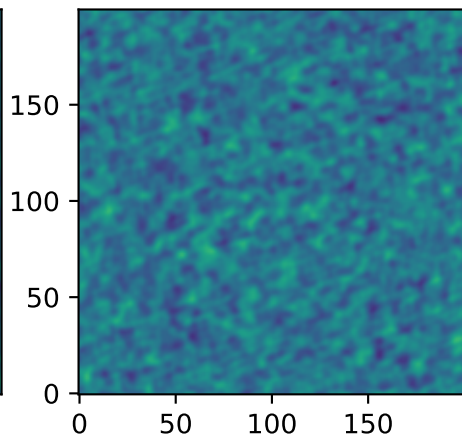
Channel: 150



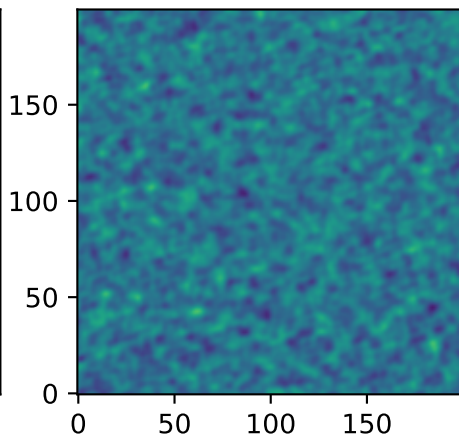
Channel: 160



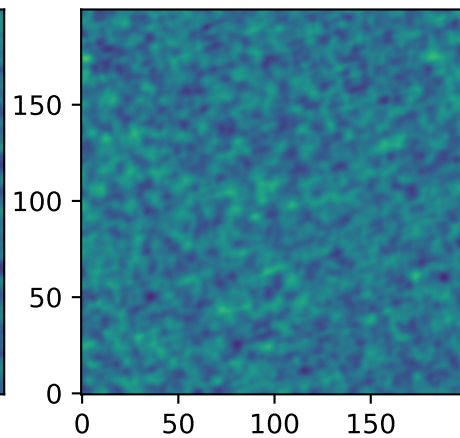
Channel: 170



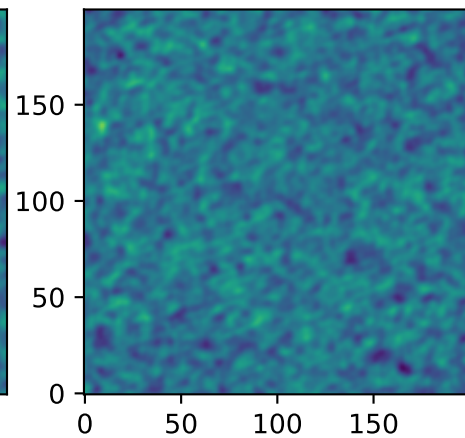
Channel: 180



Channel: 190



Channel: 200



Name: J162536.7-241542

Region: ROph

File: /Users/calebpainter/Downloads/DECO/fits\_files/ROph/J162536.7-241542\_CO\_230.538GHz.image.fits

Emission Line: CO

Channels: (0, 100, 130, 200)

X-pos: 246.403027

Y-pos: -24.261993

X-offset: 0.0

Y-offset: -0.0

Literature PA: 14.2

Eddy PA: 143.92

Literature Mass [M]: 0.84

Eddy Mass [M]: 0.79

DECO Dict vsys [km/s]: 2.2

Eddy vlsr [m/s]: 3.93

Literature Inc: 74.39

Eddy Inc: --

Literature Distance [Mpc]: 139.0

Eddy rmin, rmax ["]: (0.2, 3)

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

Velocity Mask: [0.5, 0.3, -40]

Background Velocity Removal: None

Notes: MCMC GOOD