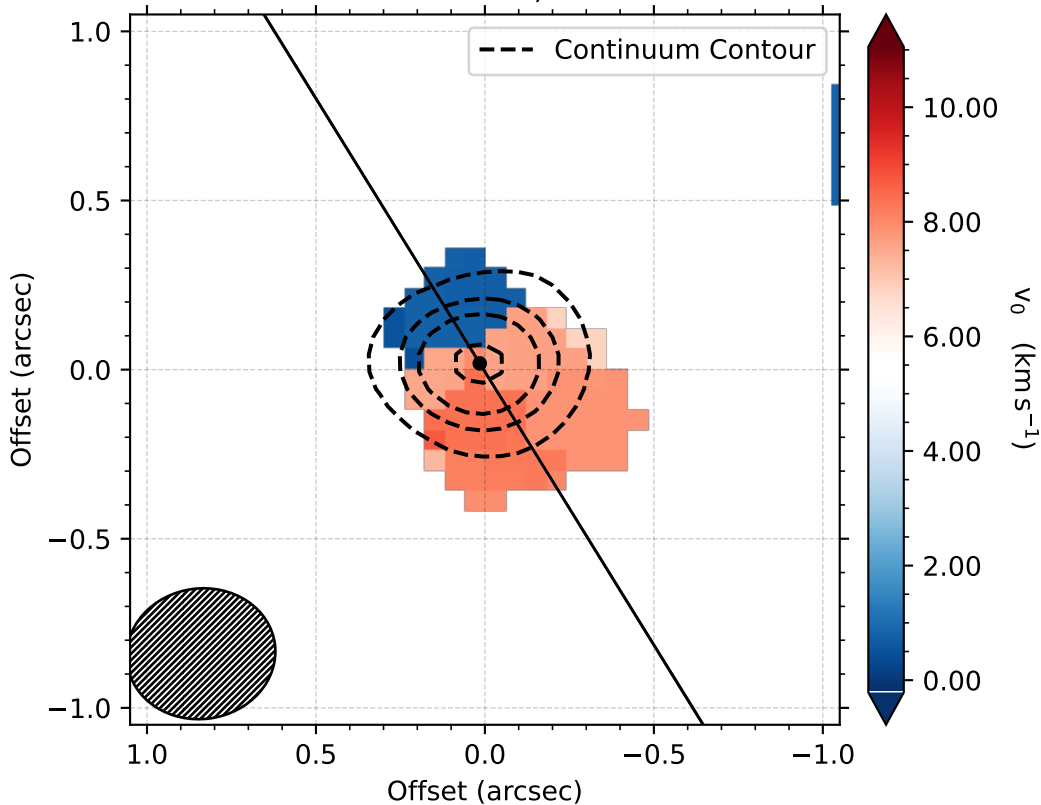
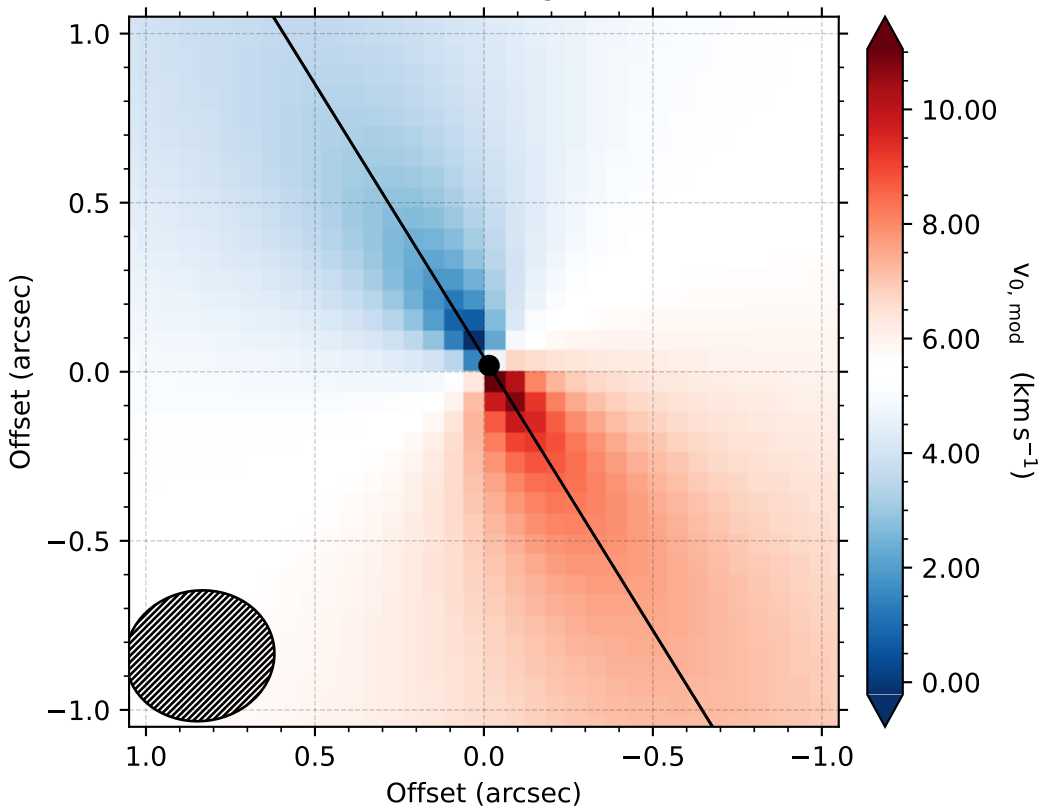


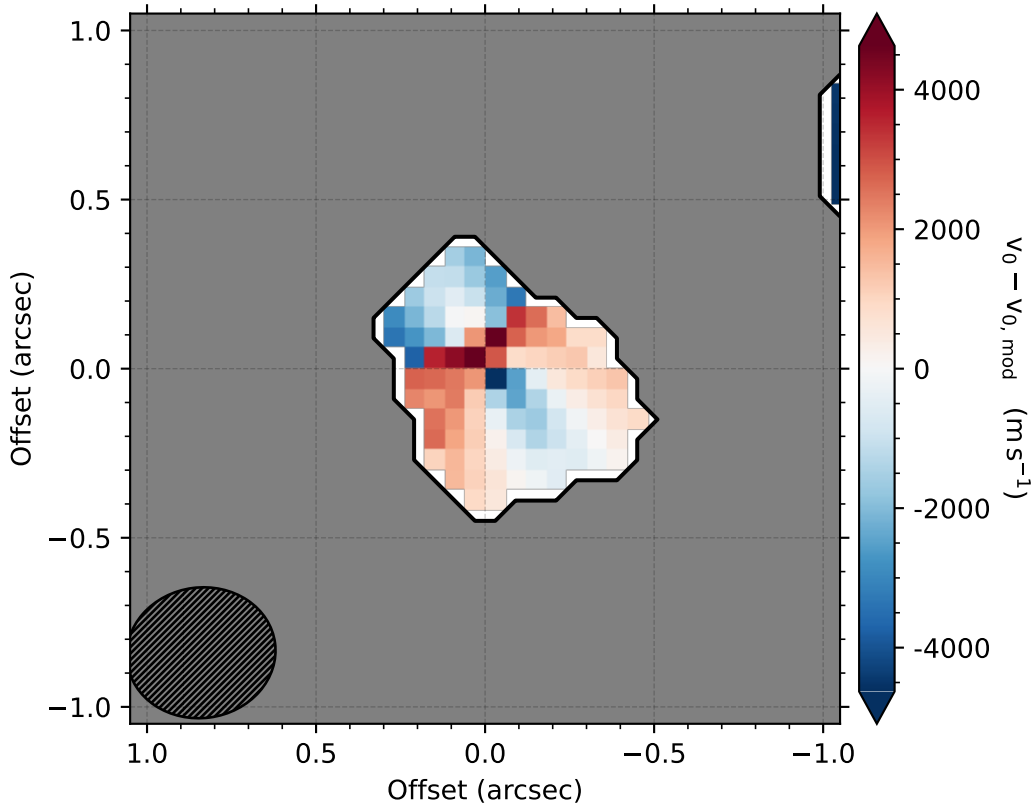
J162733.1-244115

Channels: 0-67,140-200

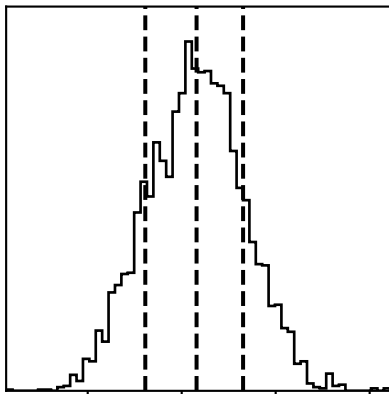


PA:  $211.8^\circ$

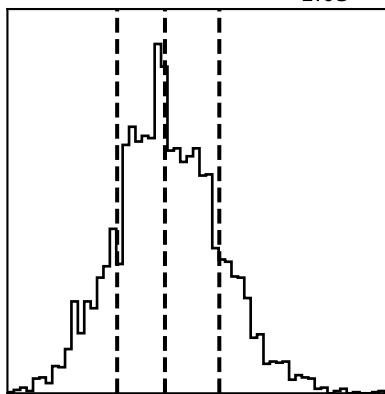




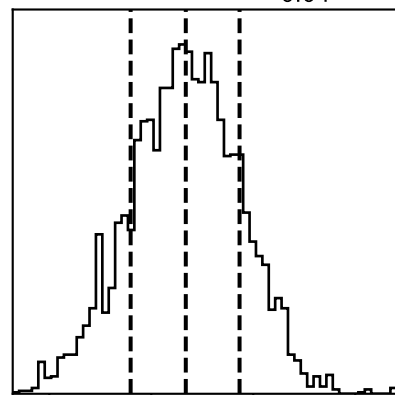
PA =  $211.76^{+0.02}_{-0.03}$



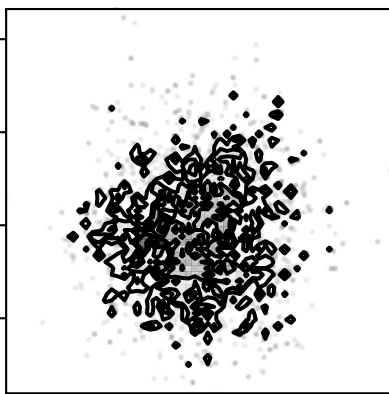
vlsr =  $5421.78^{+1.17}_{-1.03}$



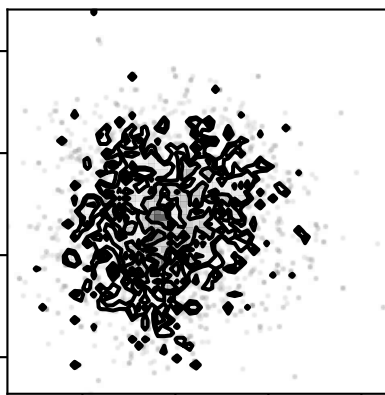
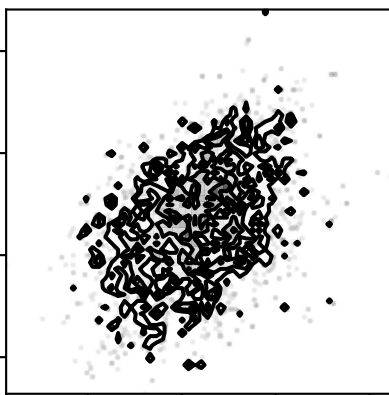
inc =  $54.75^{+0.04}_{-0.04}$



vlsr



inc



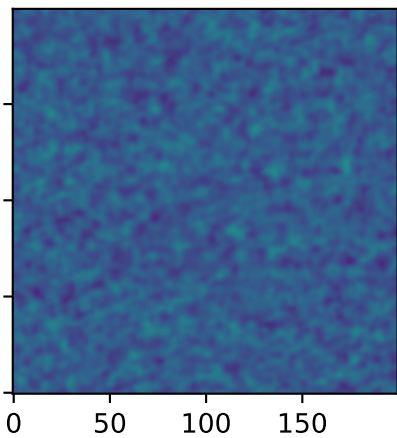
PA

vlsr

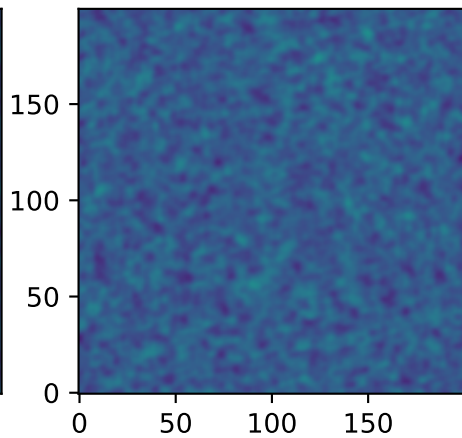
inc

## J162733.1-244115, CO

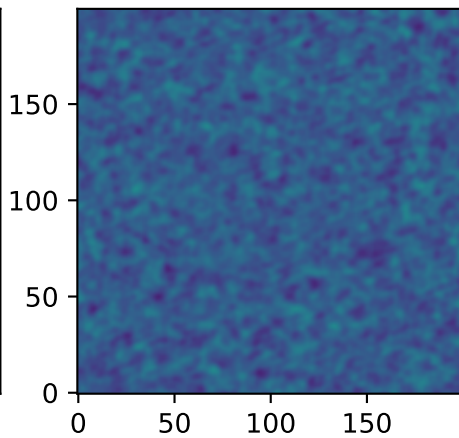
Channel: 10



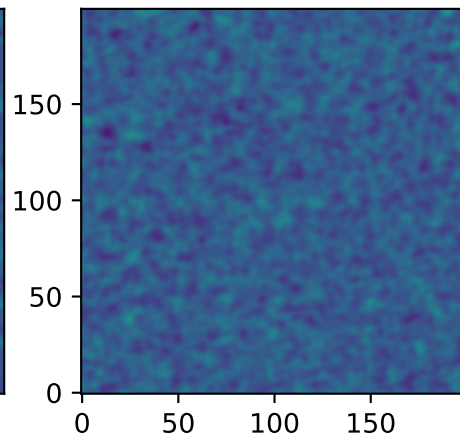
Channel: 20



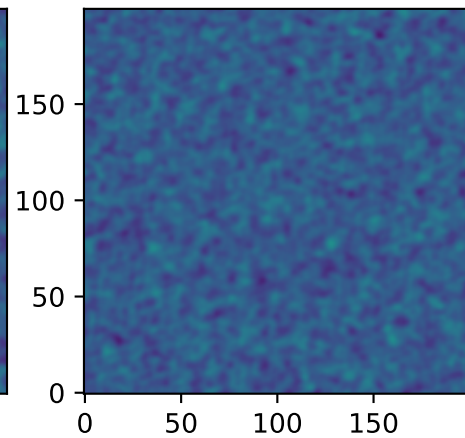
Channel: 30



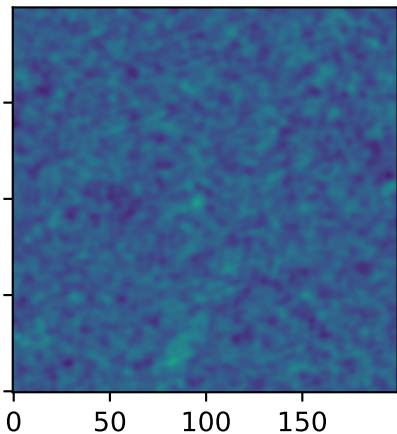
Channel: 40



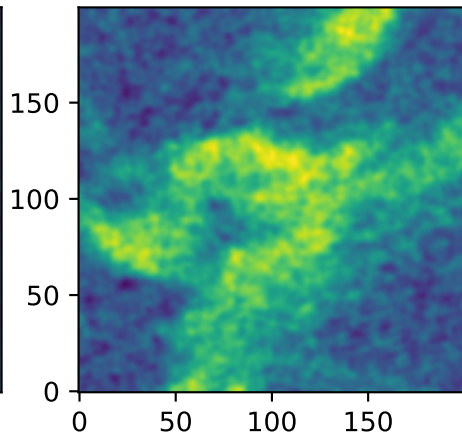
Channel: 50



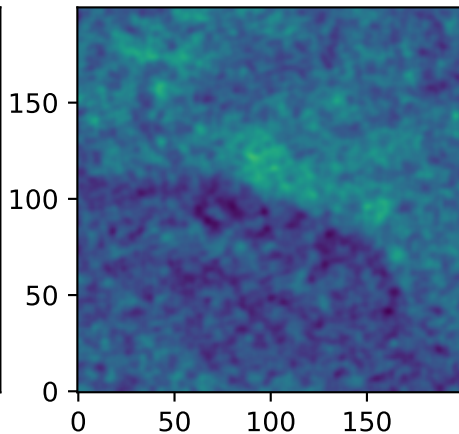
Channel: 60



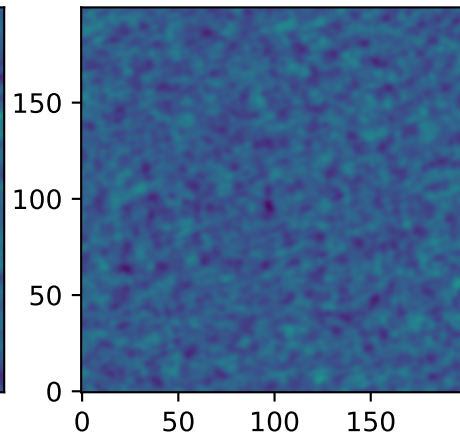
Channel: 70



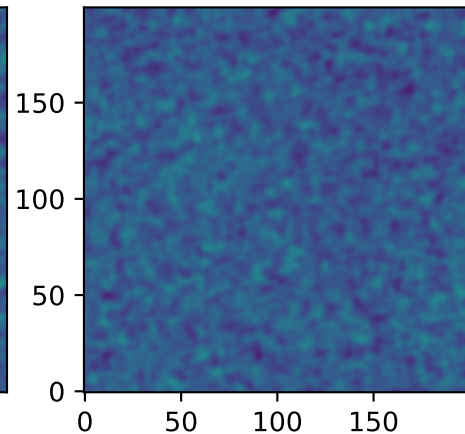
Channel: 80



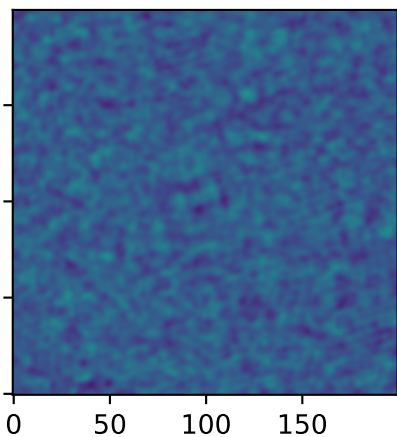
Channel: 90



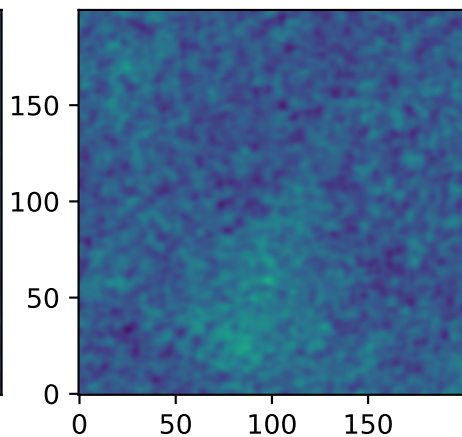
Channel: 100



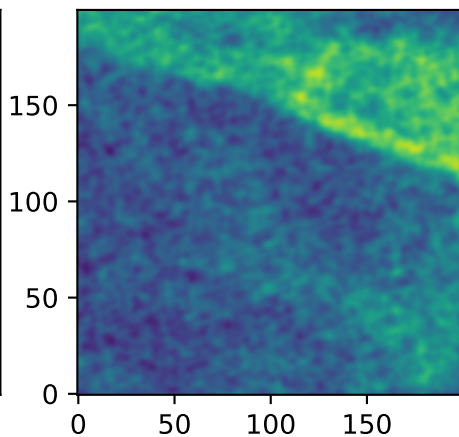
Channel: 110



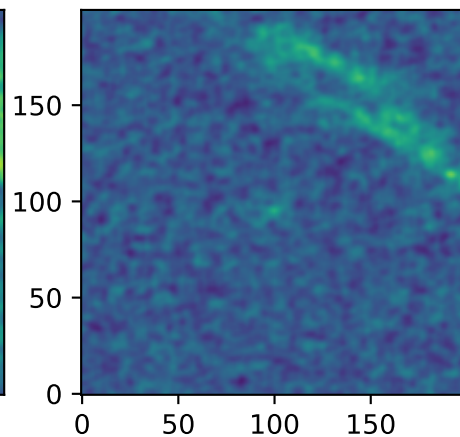
Channel: 120



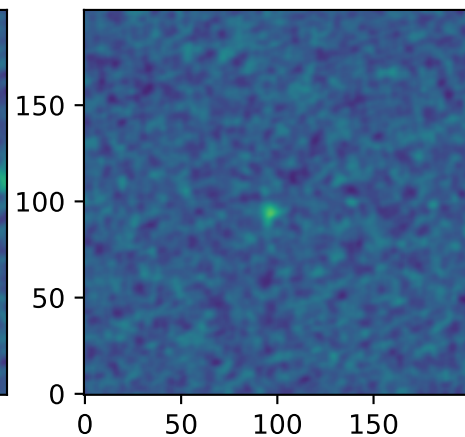
Channel: 130



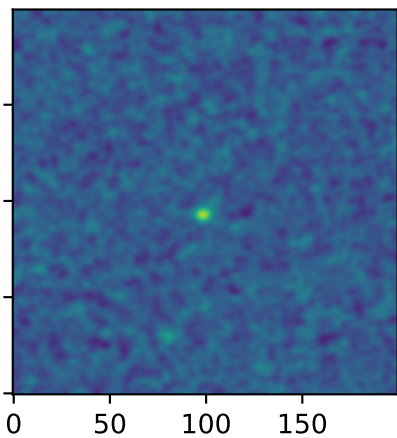
Channel: 140



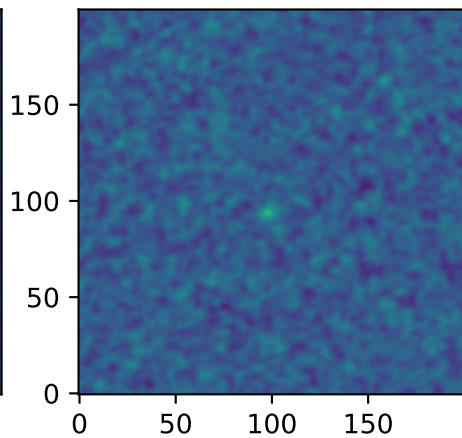
Channel: 150



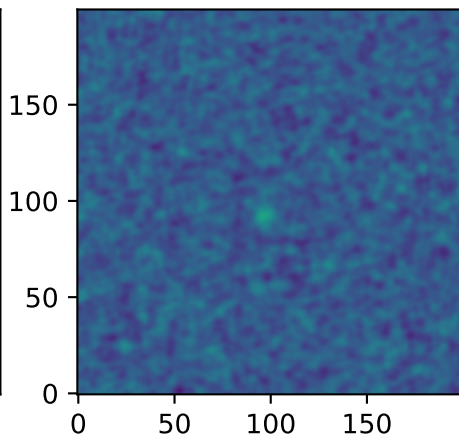
Channel: 160



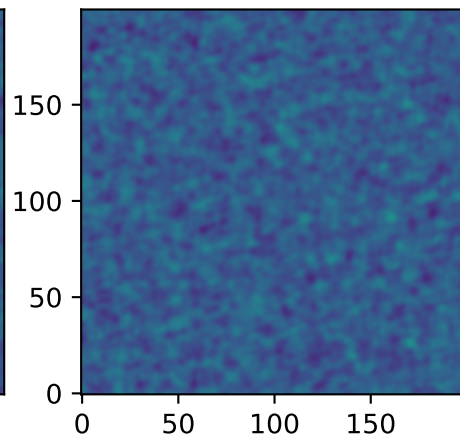
Channel: 170



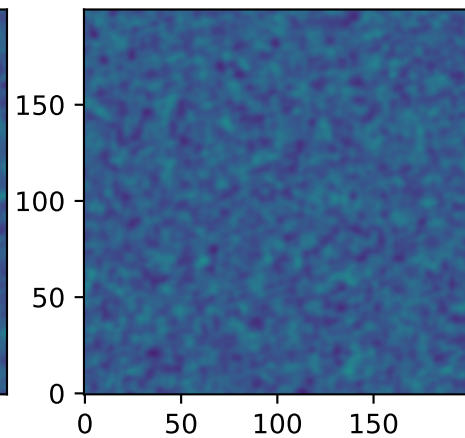
Channel: 180



Channel: 190



Channel: 200



Name: J162733.1-244115

Region: ROph

File: /Users/calebpainter/Downloads/DECO/fits\_files/ROph/J162733.1-244115\_CO\_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 67, 140, 200)

X-pos: 246.887915

Y-pos: -24.687744

X-offset: 0.02

Y-offset: 0.02

Literature PA: --

Eddy PA: 211.76

Literature Mass [M]: 0.875

Eddy Mass [M]: --

DECO Dict vsys [km/s]: 3.6

Eddy vlsr [m/s]: 5.42

Literature Inc: --

Eddy Inc: 54.75

Literature Distance [Mpc]: 136.55

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

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

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC GOOD, FIT POOR