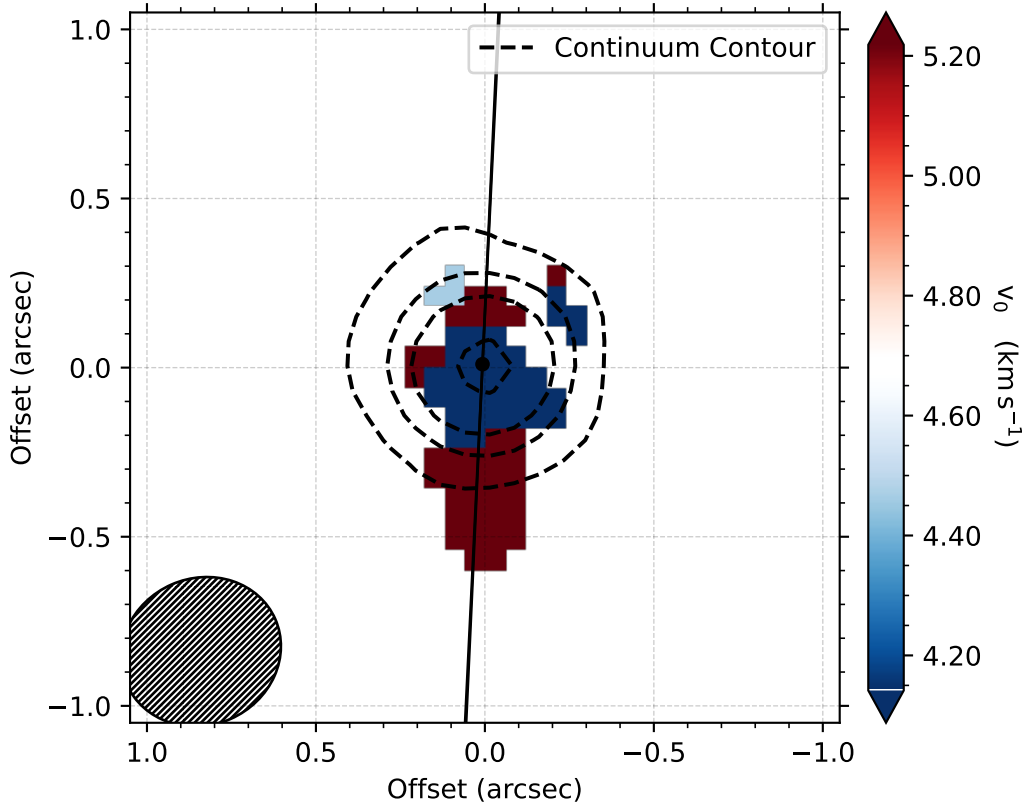
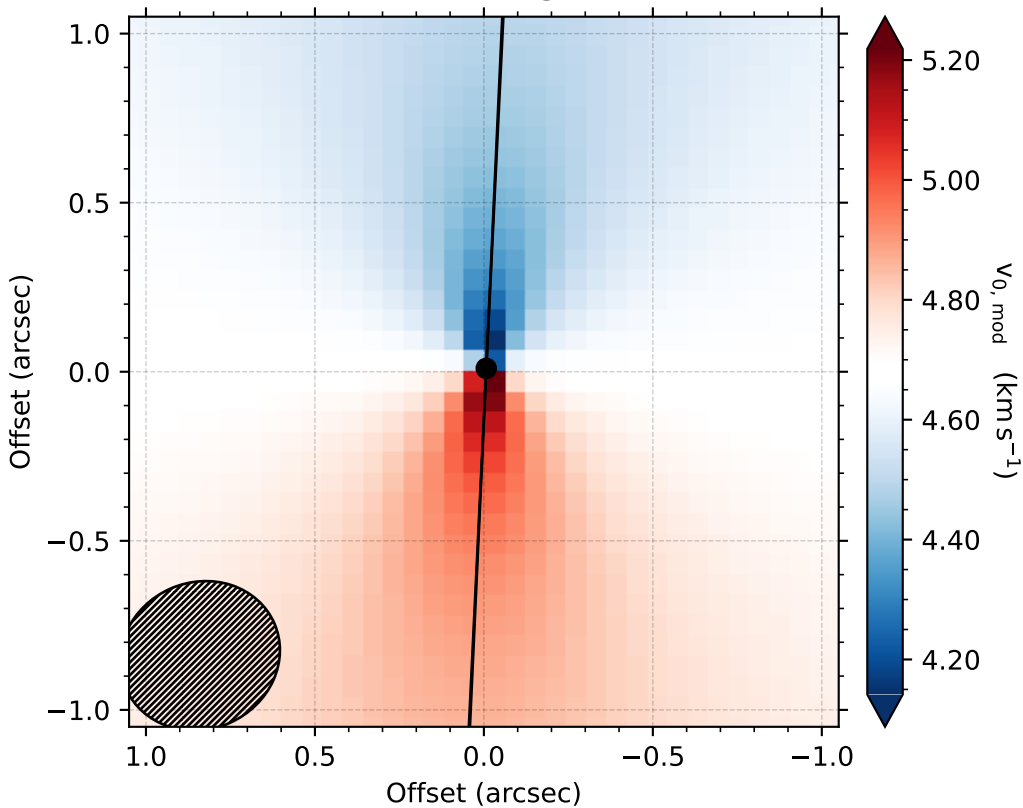


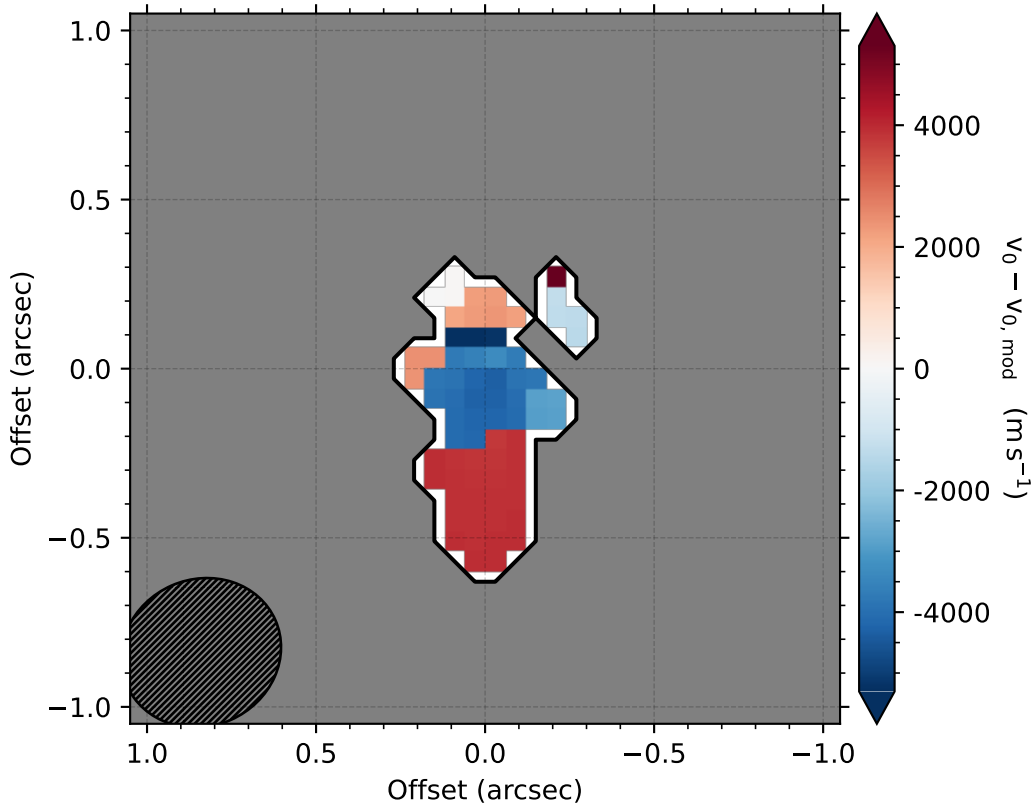
Sz95

Channels: 0-200

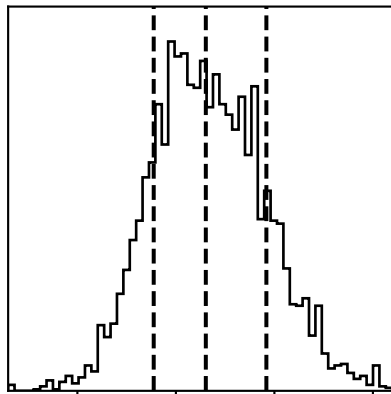


PA:  $177.3^\circ$

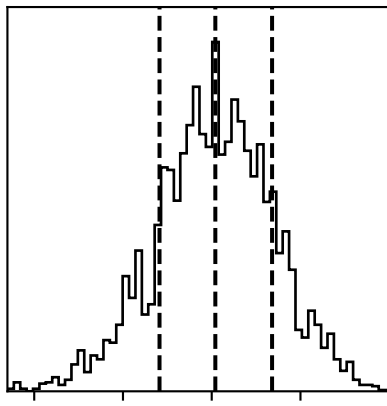
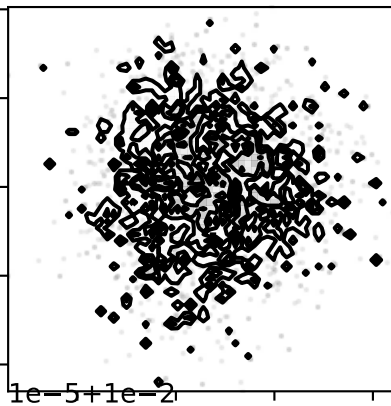




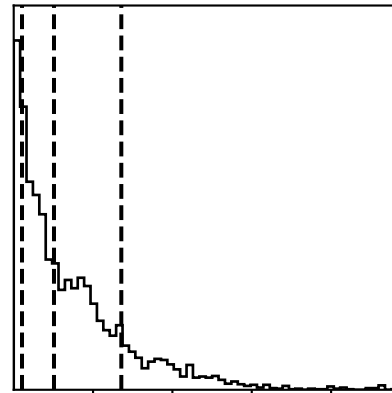
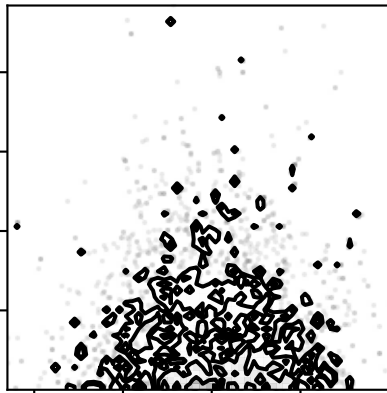
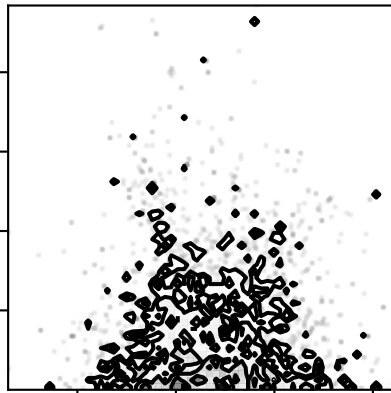
PA =  $177.30^{+0.09}_{-0.08}$



vlsr =  $4676.08^{+1.28}_{-1.26}$



mstar =  $0.01^{+0.00}_{-0.00}$



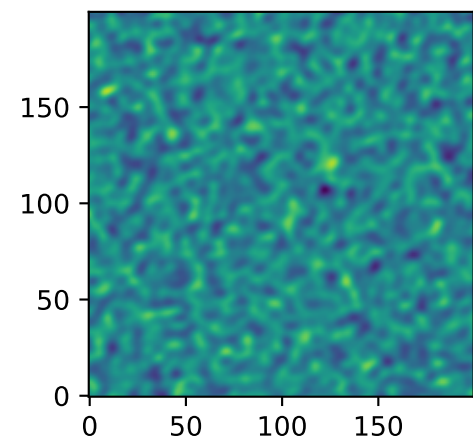
PA

vlsr

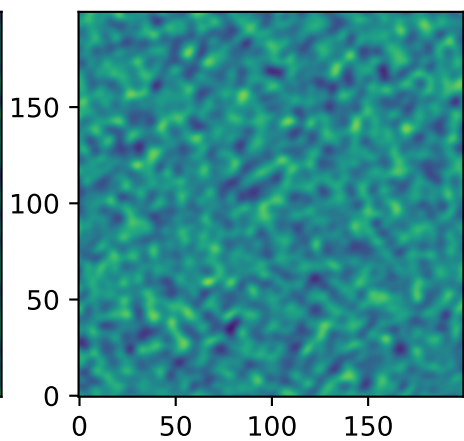
mstar

# Sz95, CO

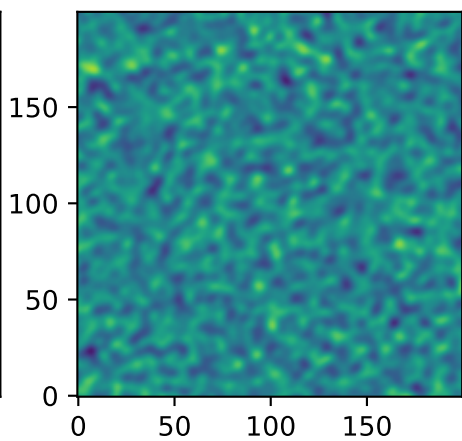
Channel: 10



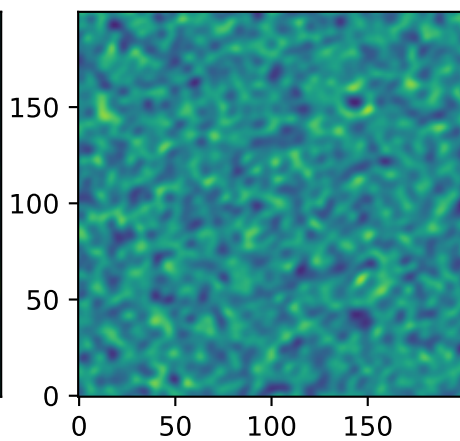
Channel: 20



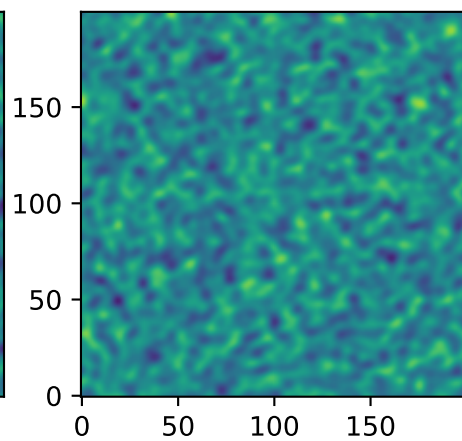
Channel: 30



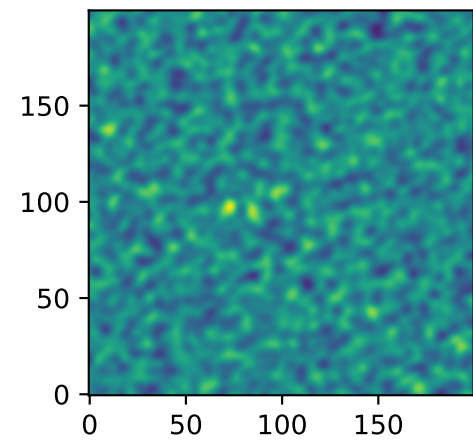
Channel: 40



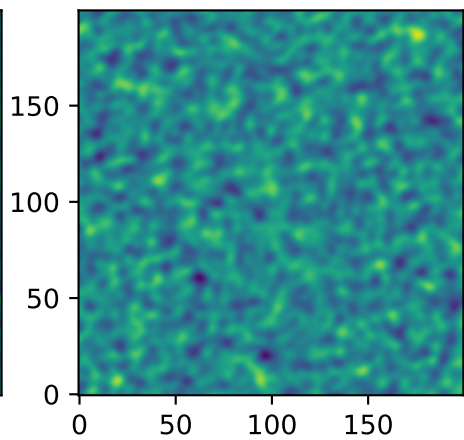
Channel: 50



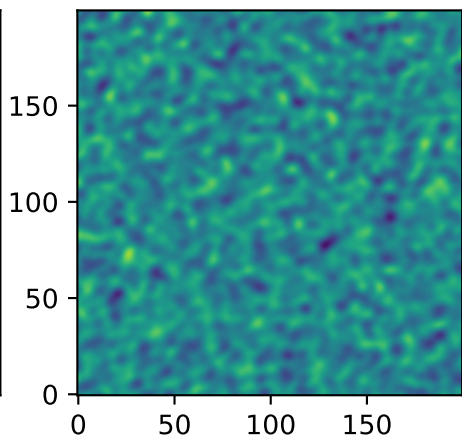
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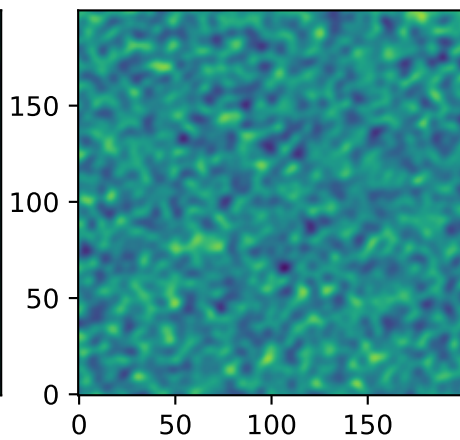
Channel: 70



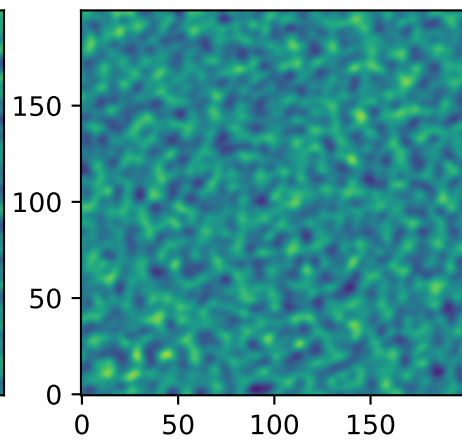
Channel: 80



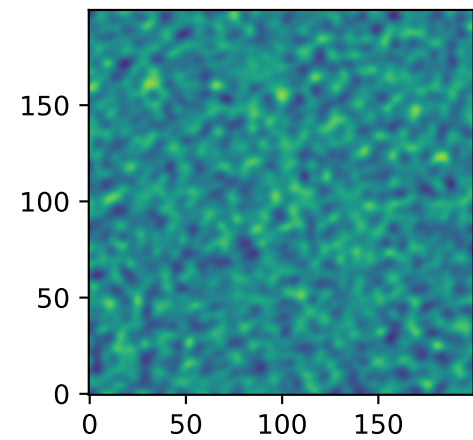
Channel: 90



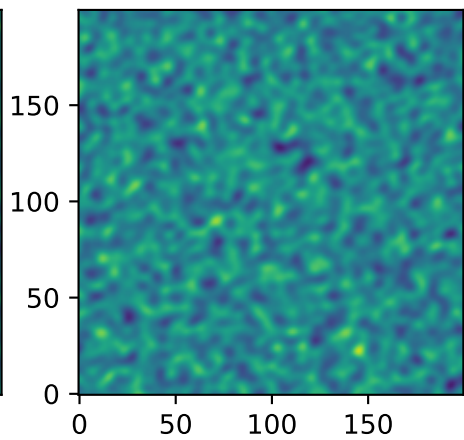
Channel: 100



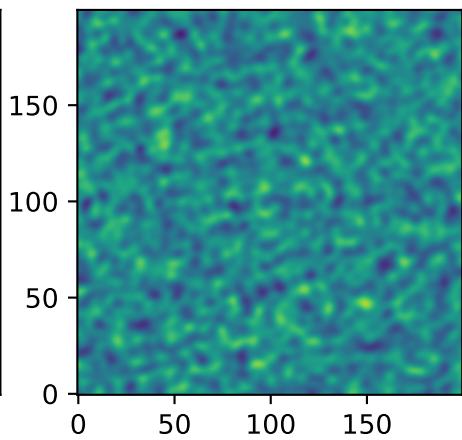
Channel: 110



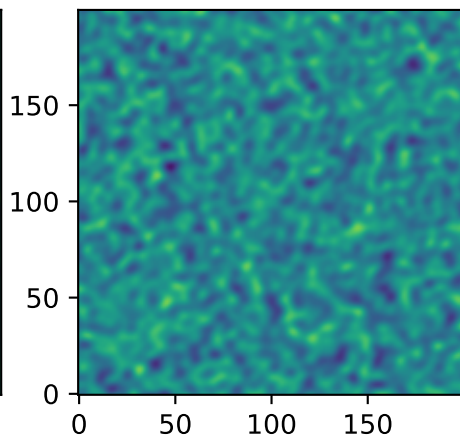
Channel: 120



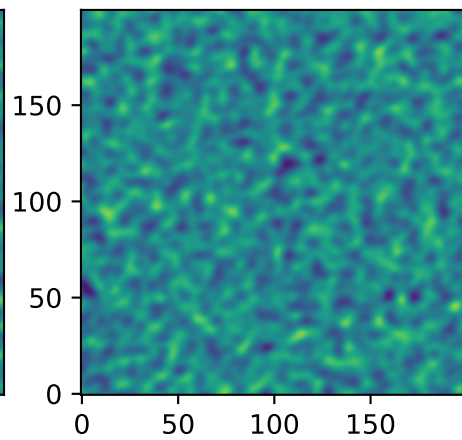
Channel: 130



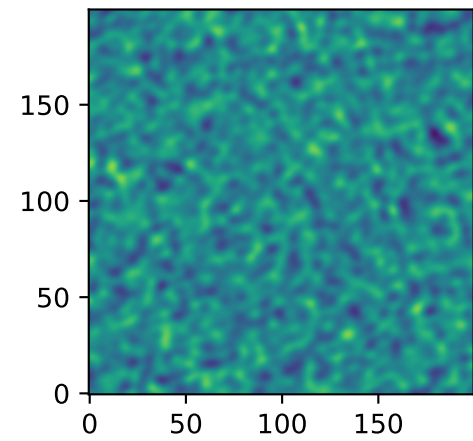
Channel: 140



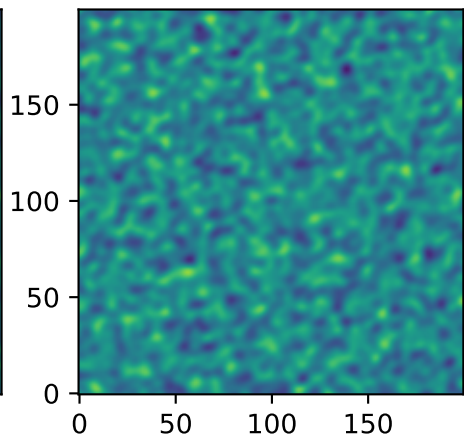
Channel: 150



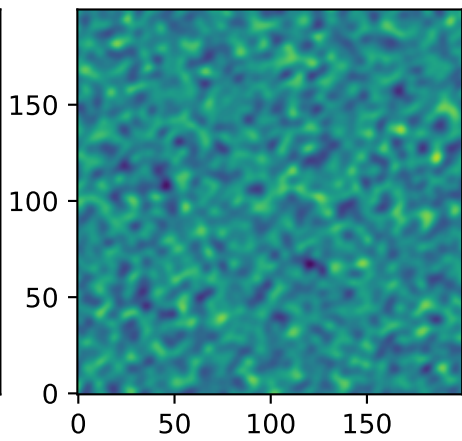
Channel: 160



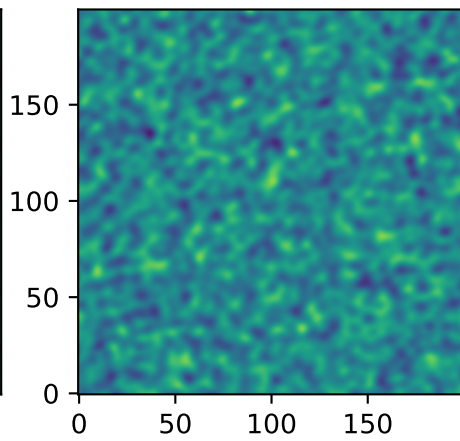
Channel: 170



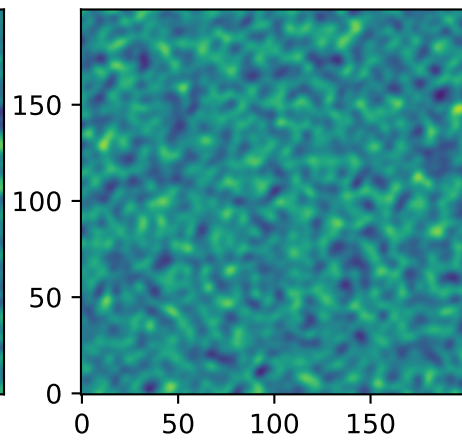
Channel: 180



Channel: 190



Channel: 200



Name: Sz95

Region: Lupus

File: /Users/calebpainter/Downloads/DECO/fits\_files/Lupus/Sz95\_CO\_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 200, 0, 200)

X-pos: 241.967867

Y-pos: -38.968504

X-offset: 0.01

Y-offset: 0.01

Literature PA: 92.463

Eddy PA: 177.3

Literature Mass [M]: 0.291

Eddy Mass [M]: 0.01

DECO Dict vsys [km/s]: 3.1

Eddy vlsr [m/s]: 4.68

Literature Inc: 53.13

Eddy Inc: --

Literature Distance [Mpc]: 160.47

Eddy rmin, rmax ["]: (0, 1.5)

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

Velocity Mask: [0.3, 0.6, -5]

Background Velocity Removal: None

Notes: MCMC GOOD, bad fit because center is off from blue/red of gas