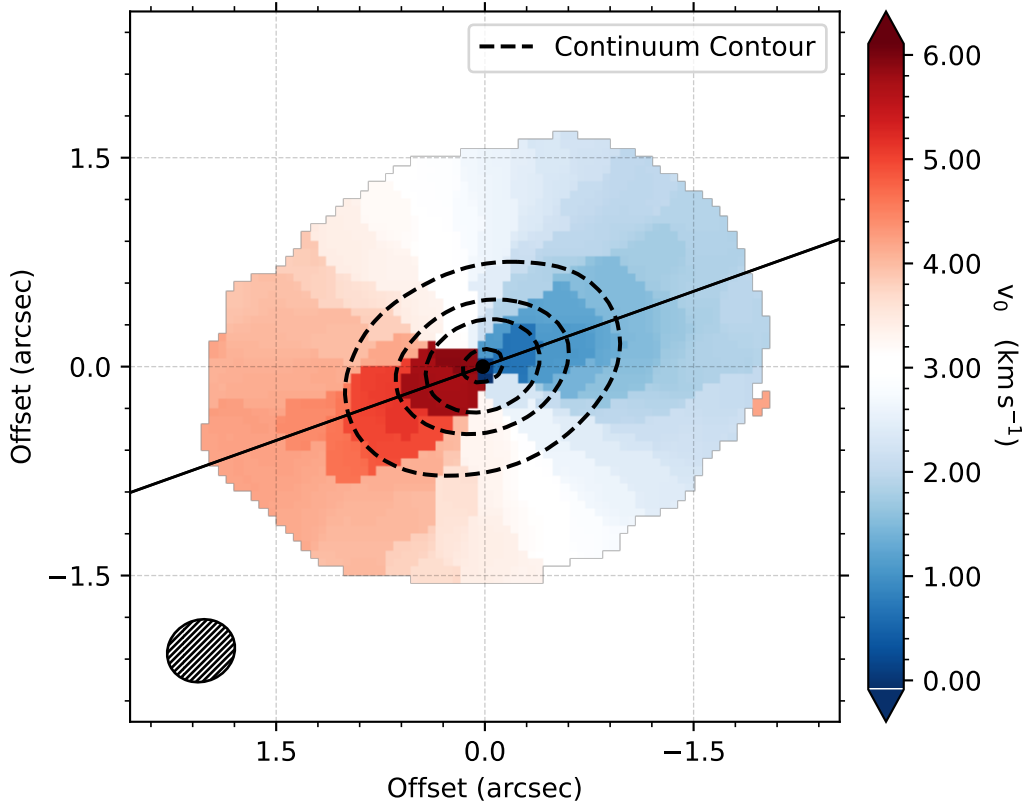
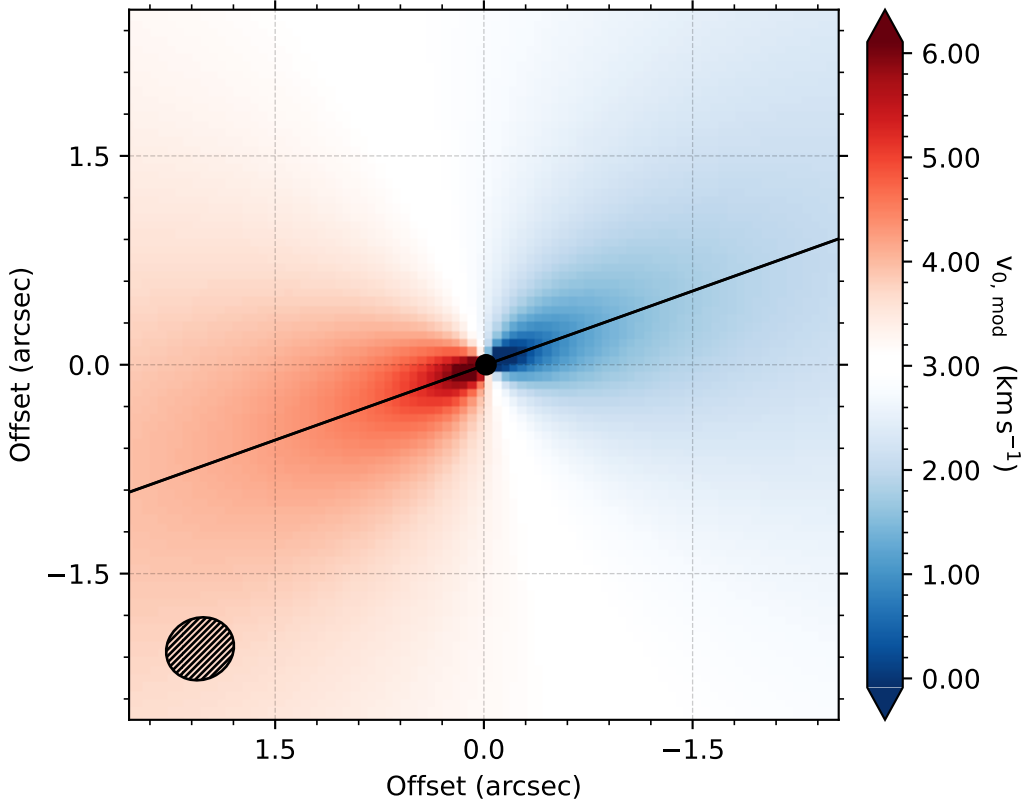


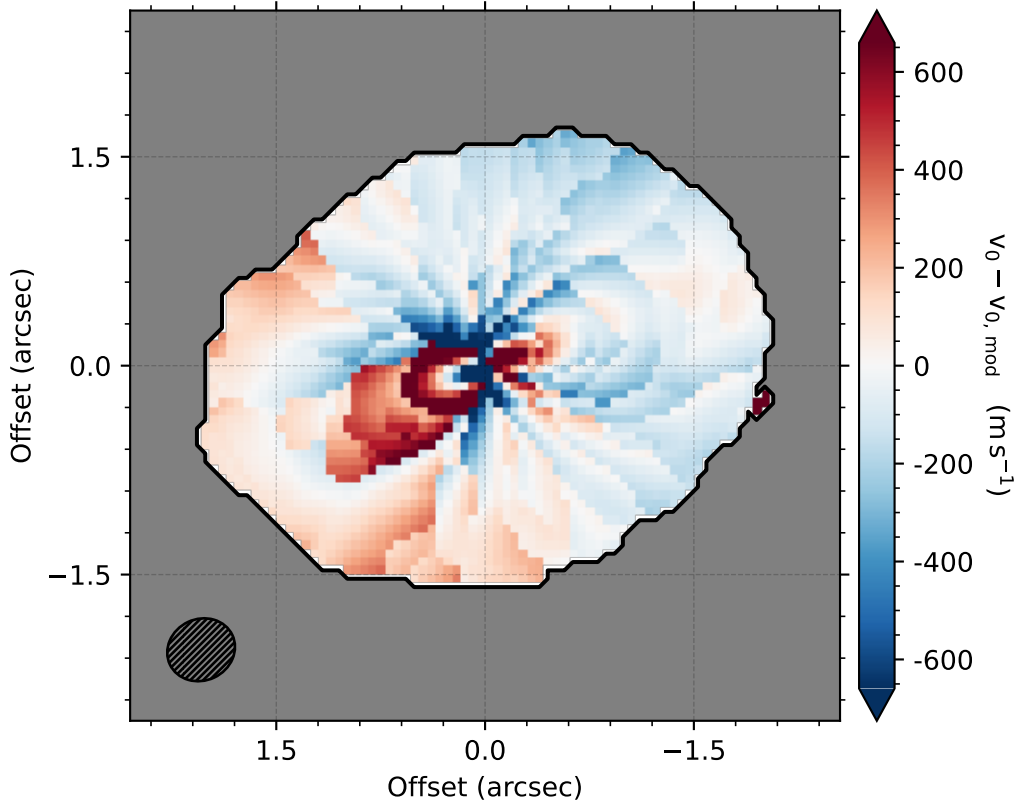
Sz98

Channels: 0-200

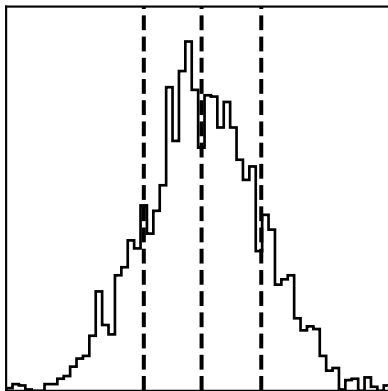


PA: 109.6°

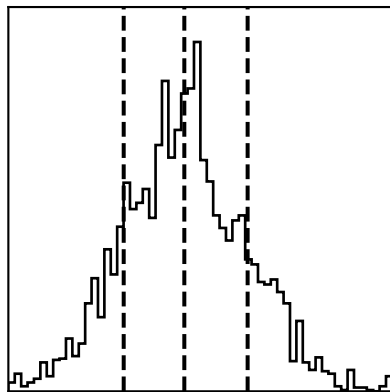




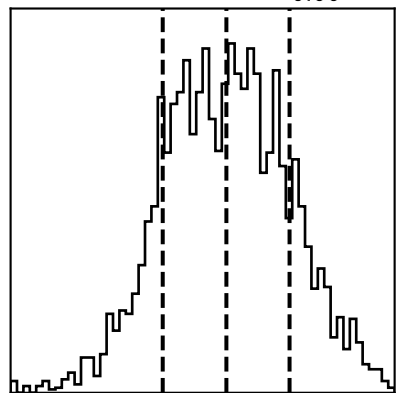
PA = $109.64^{+0.02}_{-0.02}$



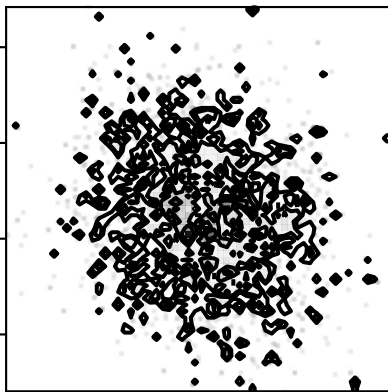
vlsr = $3005.62^{+0.33}_{-0.32}$



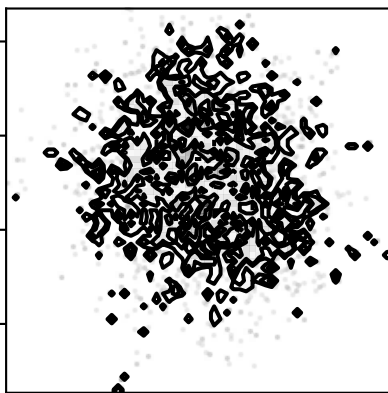
mstar = $0.79^{+0.00}_{-0.00}$



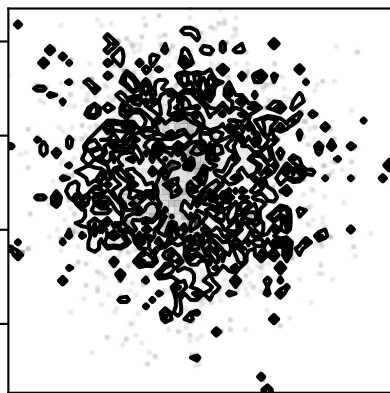
vlsr



mstar



PA

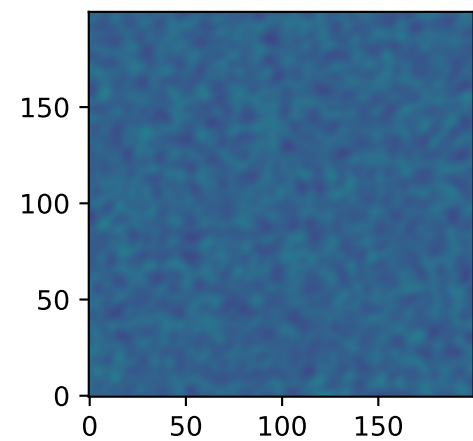


vlsr

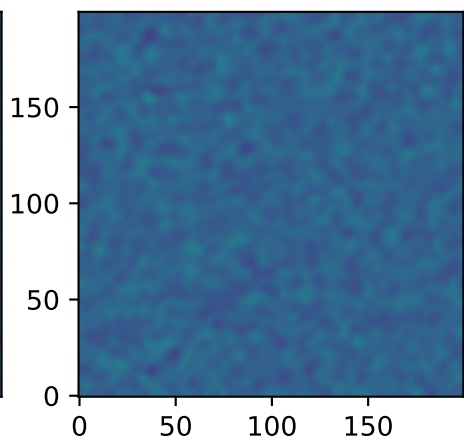
mstar

Sz98, CO

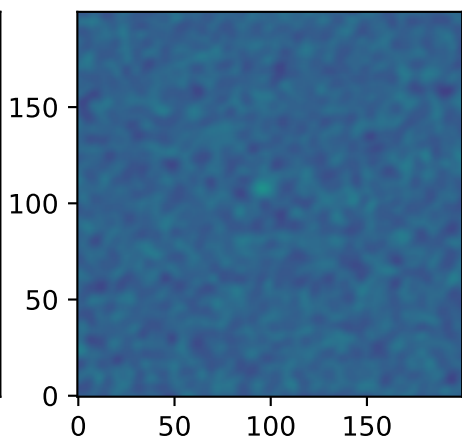
Channel: 10



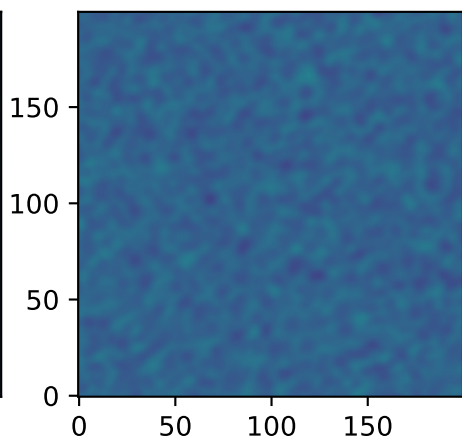
Channel: 20



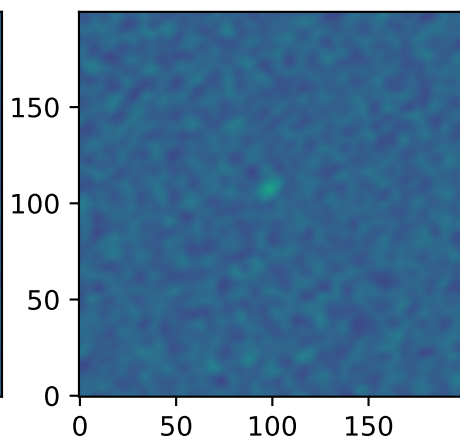
Channel: 30



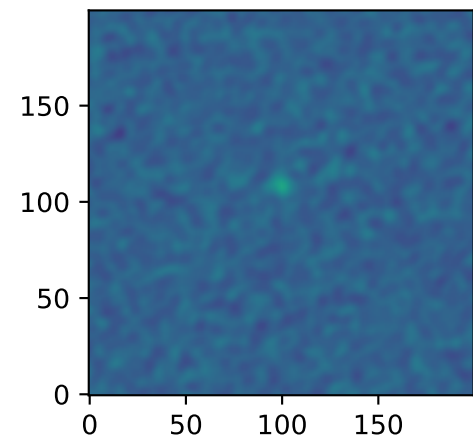
Channel: 40



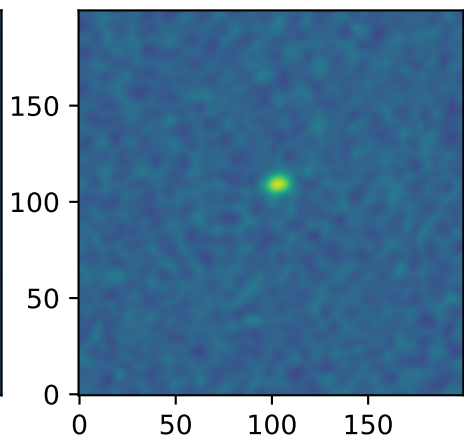
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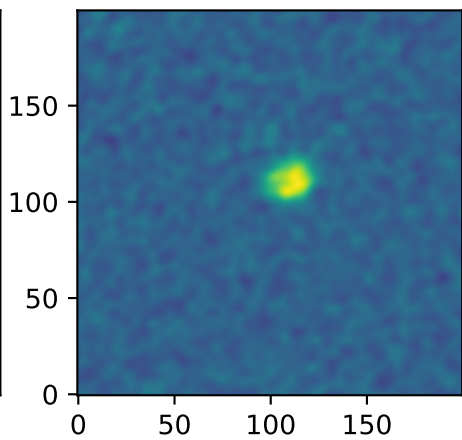
Channel: 60



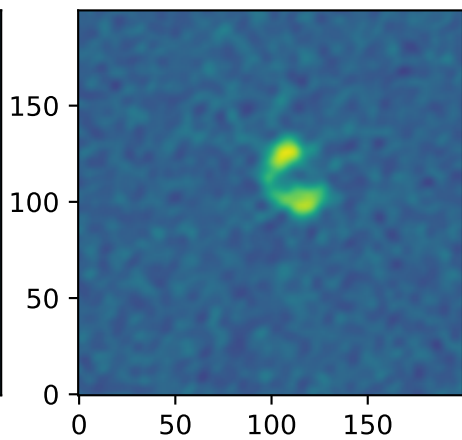
Channel: 70



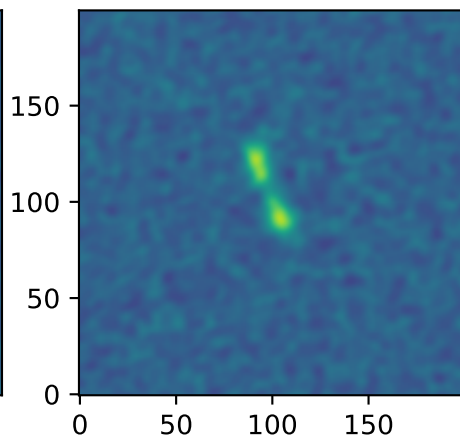
Channel: 80



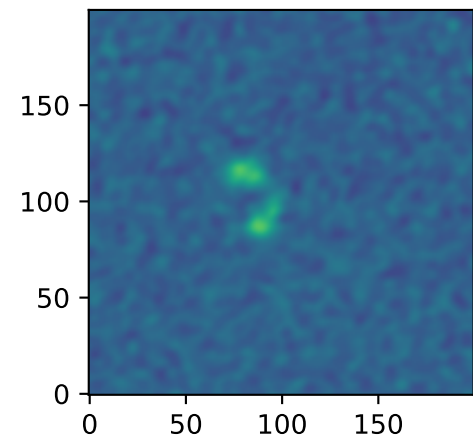
Channel: 90



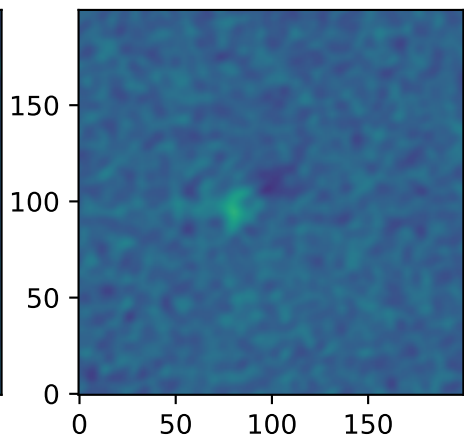
Channel: 100



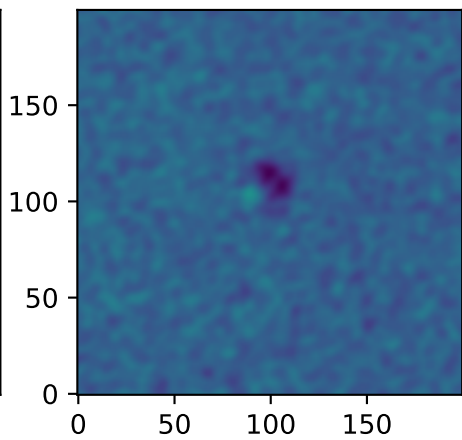
Channel: 110



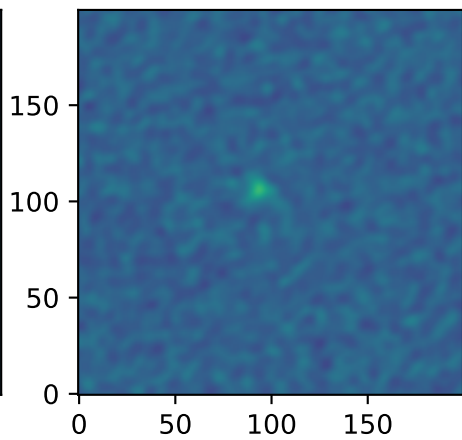
Channel: 120



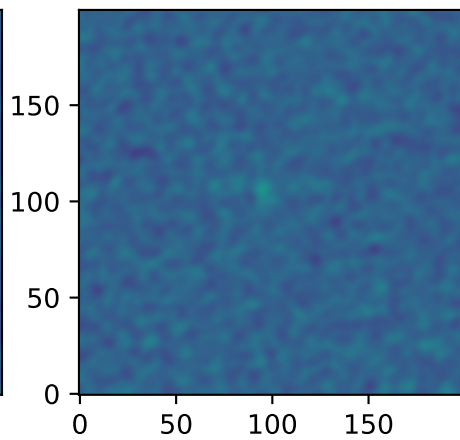
Channel: 130



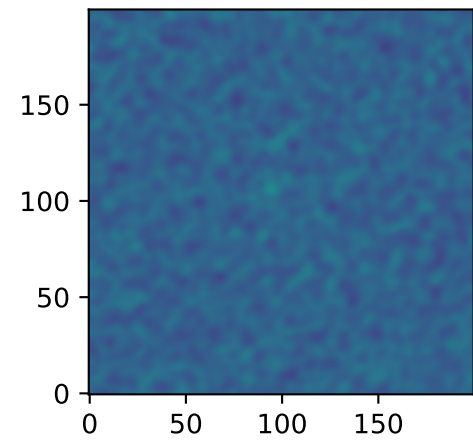
Channel: 140



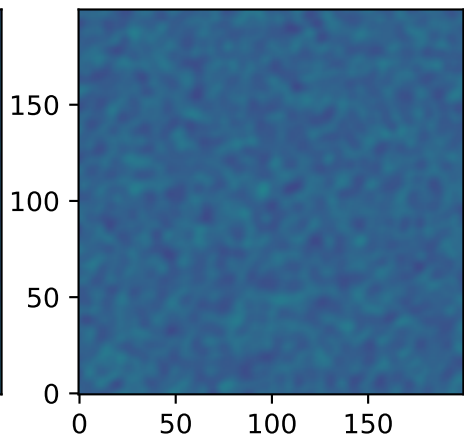
Channel: 150



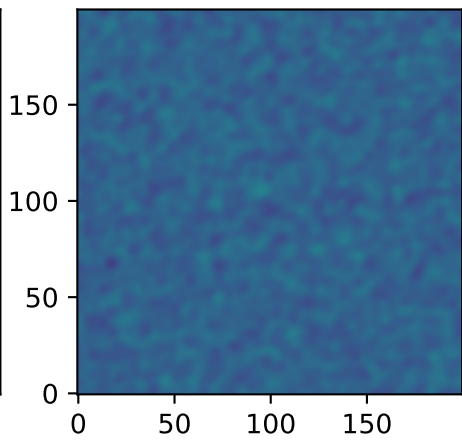
Channel: 160



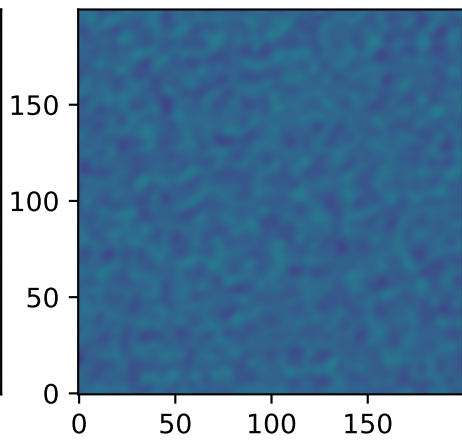
Channel: 170



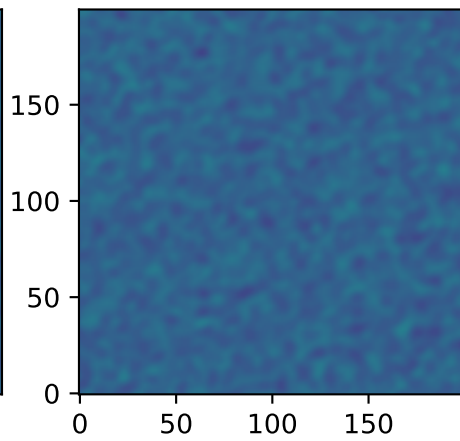
Channel: 180



Channel: 190



Channel: 200



Name: Sz98

Region: Lupus

File: /Users/calebpainter/Downloads/DECO/fits_files/Lupus/Sz98_CO_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 200, 0, 200)

X-pos: 242.093632

Y-pos: -39.079722

X-offset: 0.02

Y-offset: -0.0

Literature PA: 110.838

Eddy PA: 109.64

Literature Mass [M]: 0.55

Eddy Mass [M]: 0.79

DECO Dict vsys [km/s]: 3.05

Eddy vlsr [m/s]: 3.01

Literature Inc: 47.43

Eddy Inc: --

Literature Distance [Mpc]: 156.27

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

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

Velocity Mask: [2.1, 1.7, -10]

Background Velocity Removal: None

Notes: MCMC GOOD