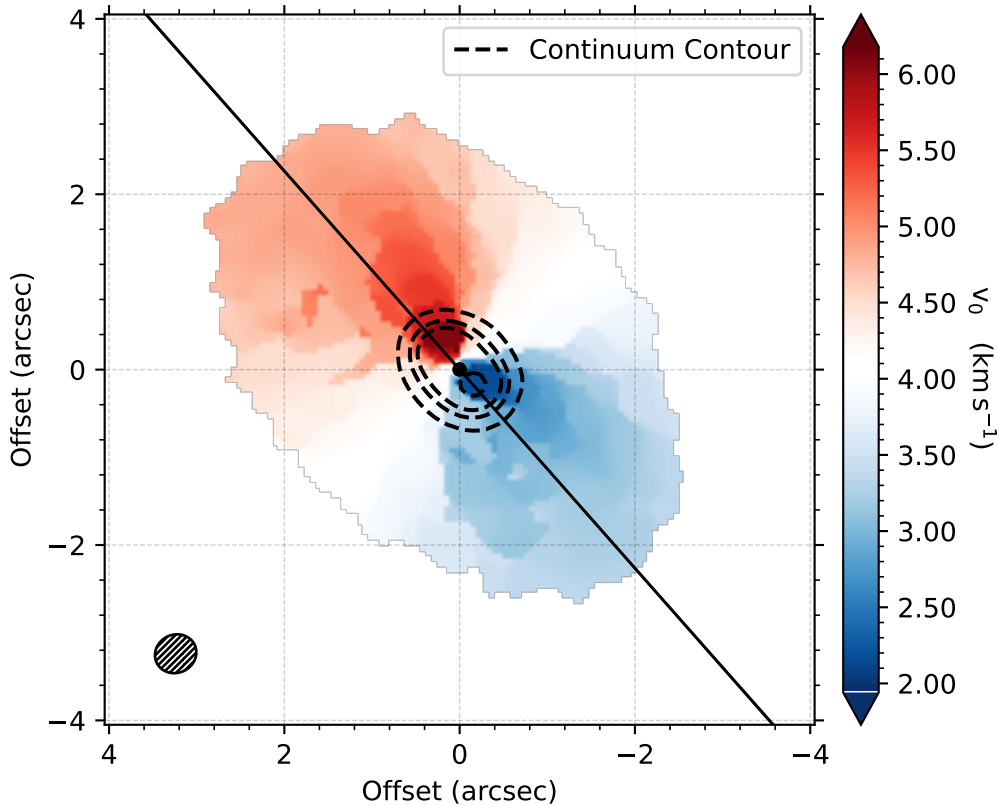
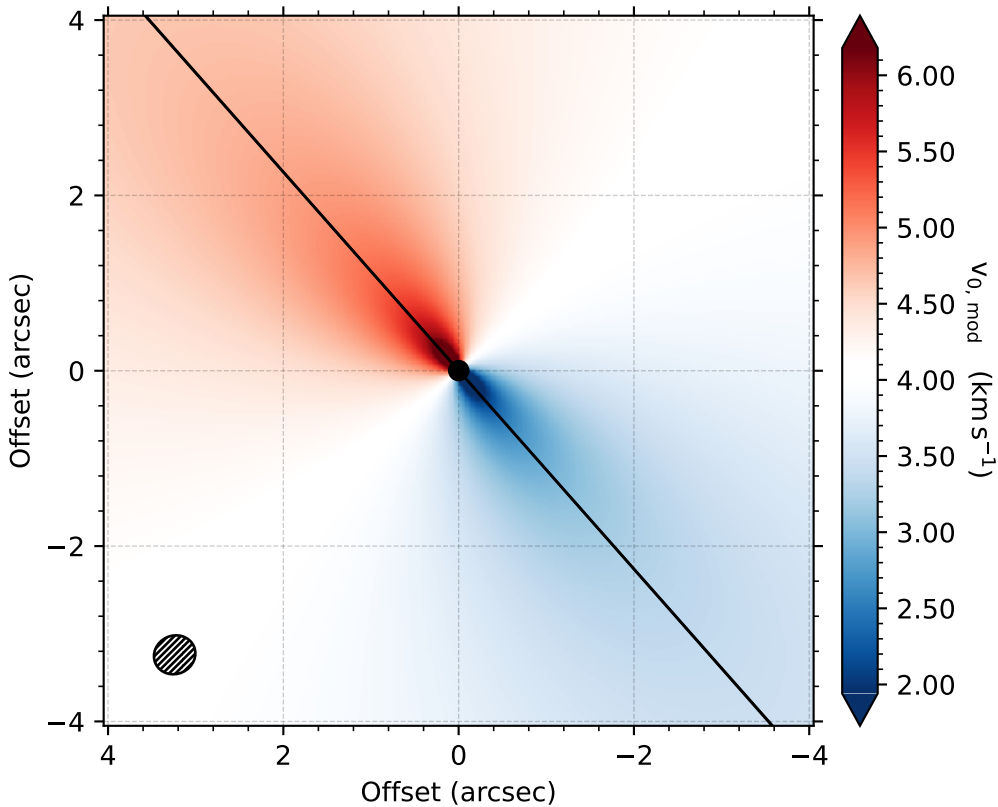


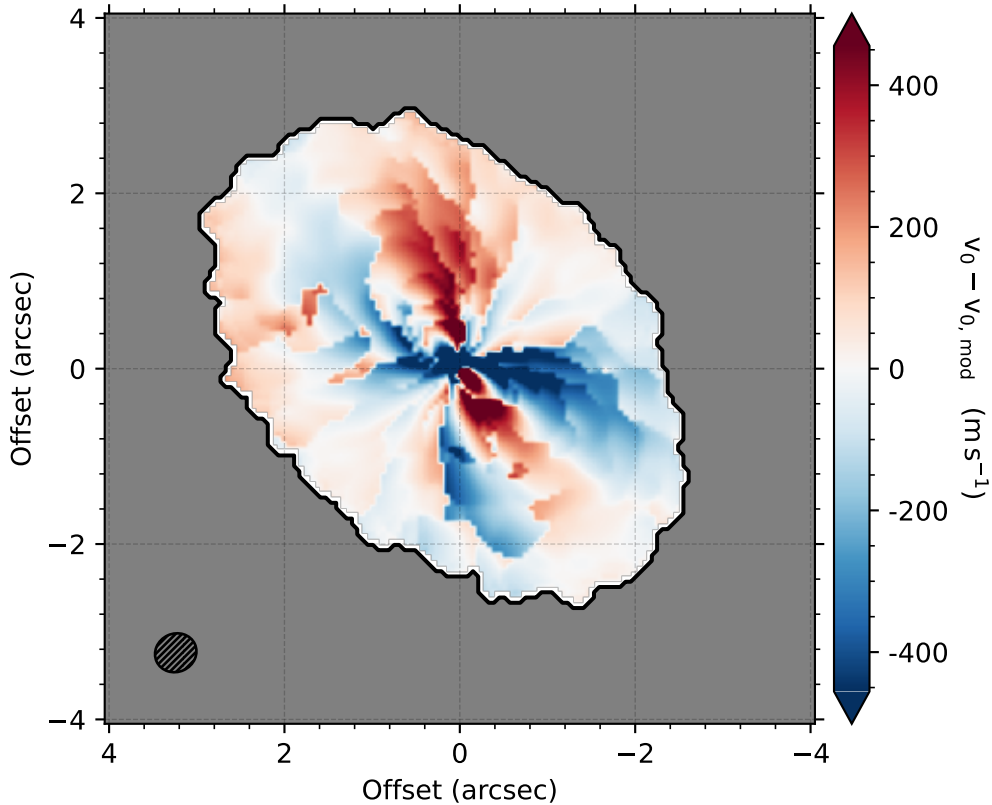
Sz111

Channels: 0-200

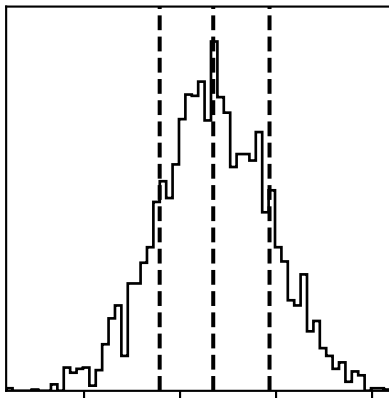


PA:  $41.5^\circ$

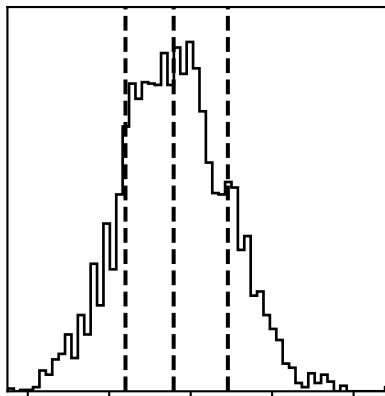




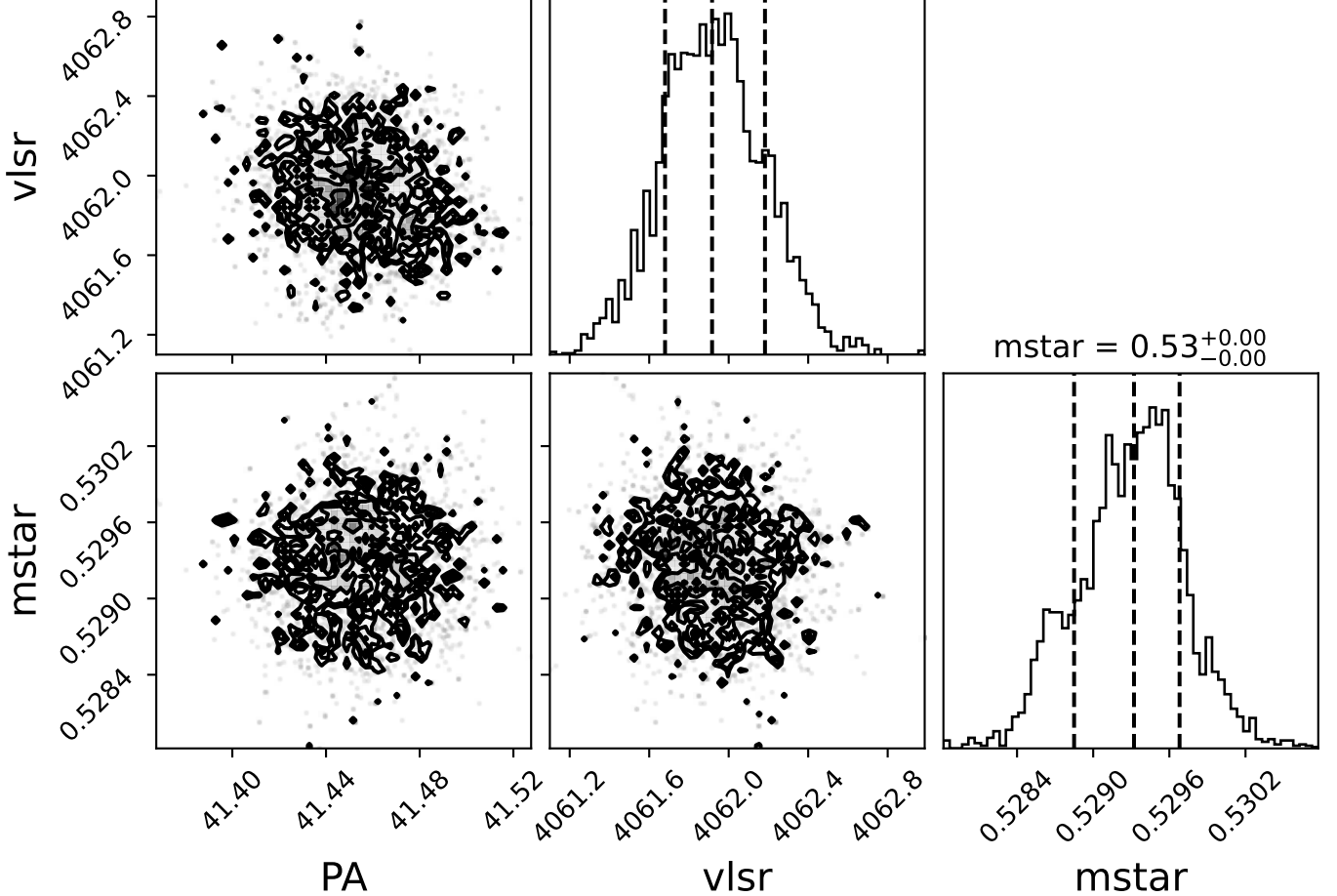
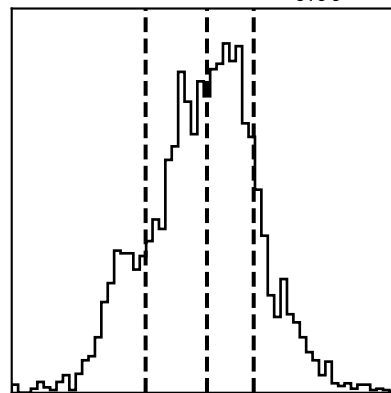
PA =  $41.45^{+0.02}_{-0.02}$



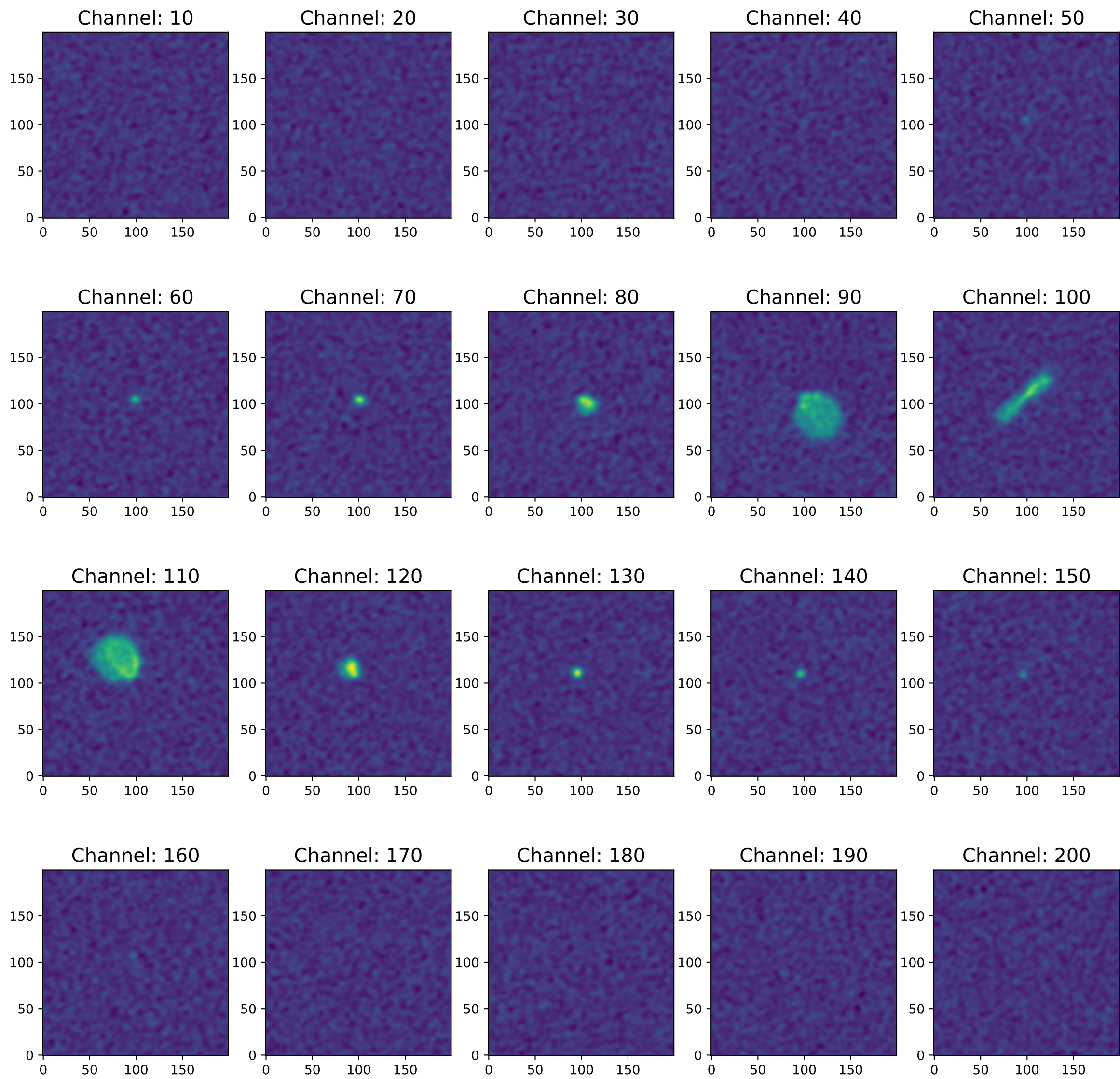
vlsr =  $4061.92^{+0.27}_{-0.24}$



mstar =  $0.53^{+0.00}_{-0.00}$



## Sz111, CO



Name: Sz111

Region: Lupus

File: /Users/calebpainter/Downloads/DECO/fits\_files/Lupus/Sz111\_CO\_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 200, 0, 200)

X-pos: 242.227759

Y-pos: -39.628802

X-offset: 0.0

Y-offset: 0.0

Literature PA: 43.561

Eddy PA: 41.45

Literature Mass [M]: 0.52

Eddy Mass [M]: 0.53

DECO Dict vsys [km/s]: 4.15

Eddy vlsr [m/s]: 4.06

Literature Inc: 52.58

Eddy Inc: --

Literature Distance [Mpc]: 158.37

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

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

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC GOOD