RT Pav Image Reconstruction Report

ymira

-initial=/home/rtc/Documents/long_secondary_periods/pipeline_tests/matisse_N_8um/priors/prior_matisse_N_8um_prior-UD_regul-hyperbolic_pixelscale-3.87_fov-232.20000000000002_wavemin-8.0_wavemax-9.0_mu-10.0_tau-1.0_eta-1_usev2-all_uset3-phi.fits -regul=hyperbolic -pixelsize=3.87mas -fov=232.20000000000002mas -wavemin=8000.0nm -wavemax=9000.0nm -mu=10.0 -tau=1.0 -eta=1 -gtol=0 -ftol=0 -flux=1 -min=0 -bootstrap=1 -save_initial -save_dirty_map -save_dirty_beam -use_vis=none -use_vis2=all -overwrite -use_t3=phi /home/rtc/Documents/long_secondary_periods/data/merged_files/modifiedCP_RT_Pav_MATISSE_N-band_MERGED_2022-04-24.fits /home/rtc/Documents/long_secondary_periods/pipeline_tests/matisse_N_8um/imageReco_matisse_N_8um_prior-UD_regul-hyperbolic_pixelscale-3.87_fov-232.20000000000002_wavemin-8.0_wavemax-9.0_mu-10.0_tau-1.0_eta-1_usev2-all_uset3-phi.fits

Plots:

IMAGE RECONSTRUCTION PRIOR

χ^2=1.33

RT Pav

Image Reco.

Dirty beam

Δ DEC -> N [mas]

Δ RA <- E [mas]

Δ RA <- E [mas]