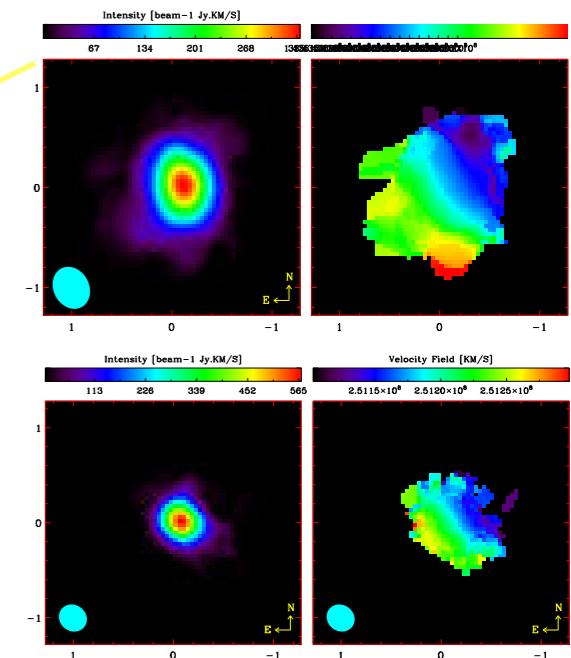
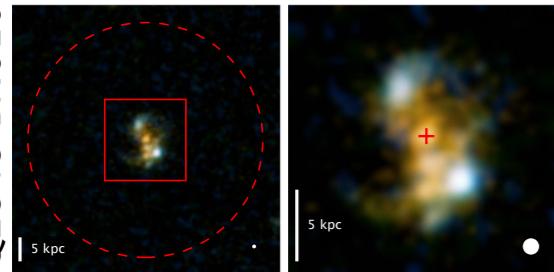
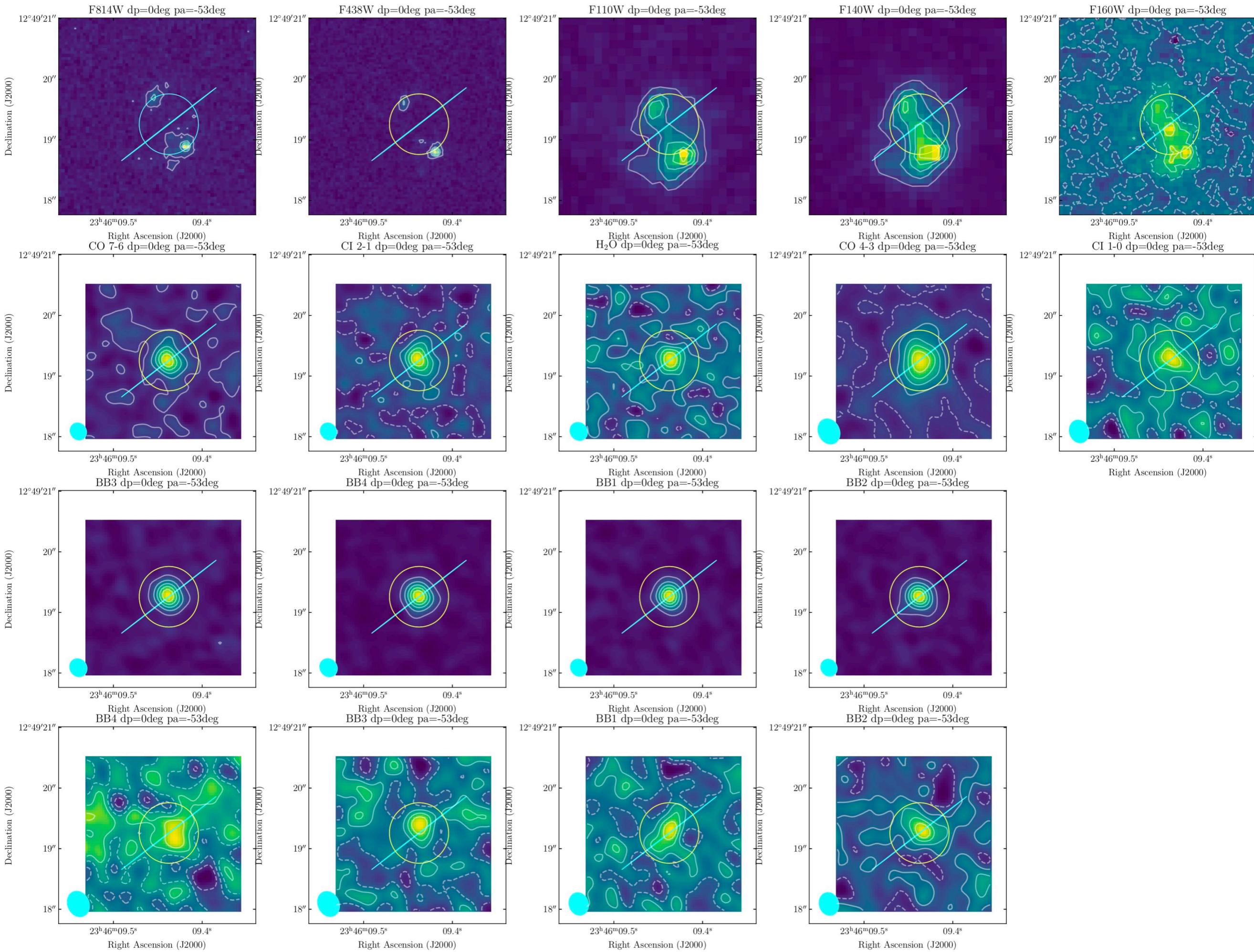


CO 4-3

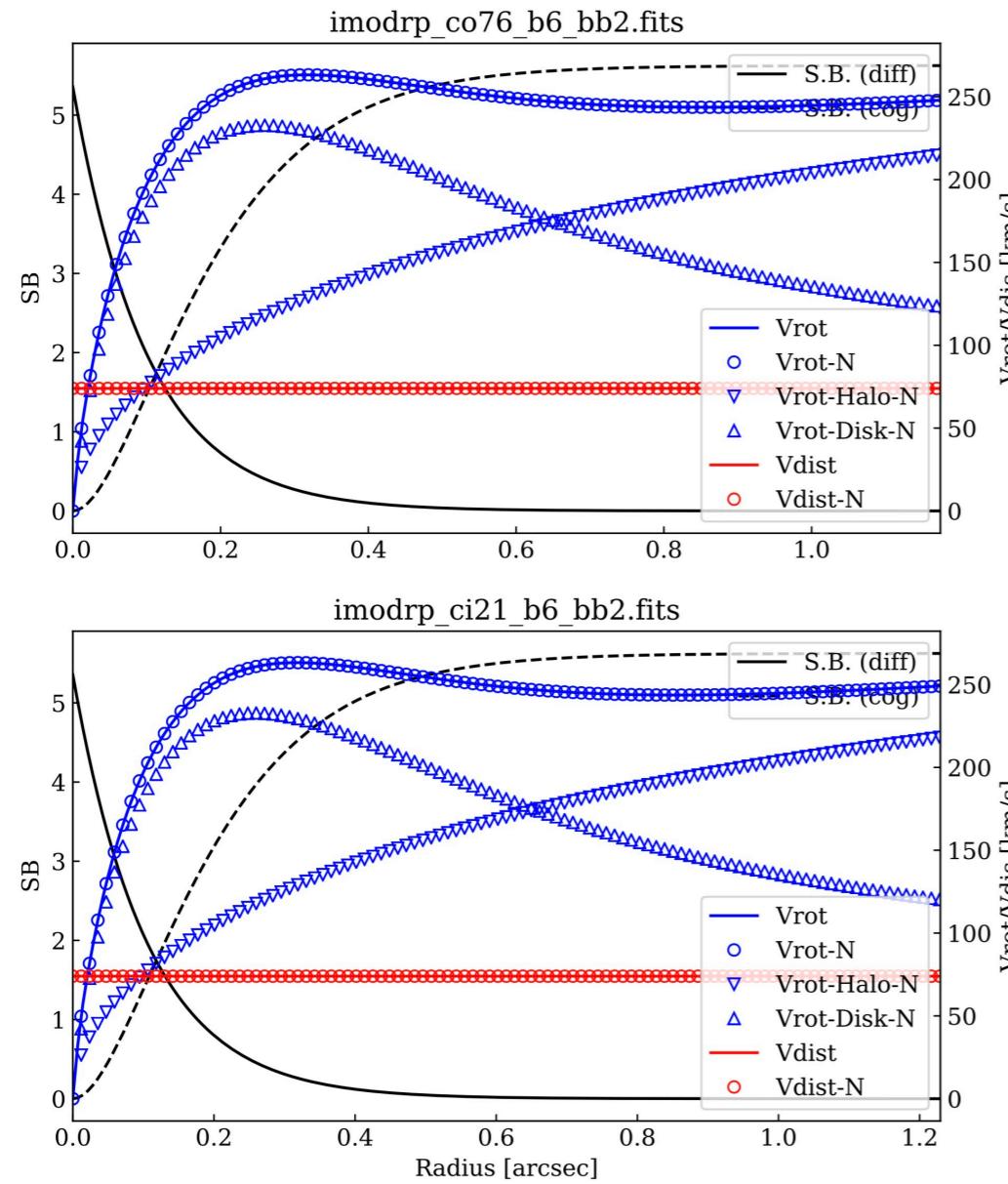


Q2343-BX610





Vrot from a grav. potential model



```

#####
@optimize  »  »  »  »  »  »  # optimization setup
# key/min/max, etc.
#####

#####
# note: we tie vrot[1:4] as a single free parameter here; vrot[0] is fixed to 0 still.
#vrot[1:5]@co76 0. » +800. 300.
vdis[0:5]@co76 0. » +800. 80.

pa@co76 -61.-80 -61.+80 80.
inc@co76 5. 85. 45.

x ypos[0]@co76 356.539321-1./3600. 356.539321+1./3600. 0.5/3600.
x vpos[1]@co76 12.8220179445-1./3600. 12.8220179445+1./3600. 0.5/3600.

intflux@co6 0.1 200.0 10.0
sbser[0]@co6 0.01 1.0 1.0
ge_pa@co6 90.0-90.0 90.0+90.0 89.
ge_q@co6 1.0 10.0 5.

#x ypos[0]@ci21 356.539321-3./3600. 356.539321+3./3600. 2./3600.
#x vpos[1]@ci21 12.8220179445-1./3600. 12.8220179445+1./3600. 2./3600.

intflux@ci21 0.1 200.0 10.0
sbser[0]@ci21 0.01 1.0 1.0
#ge_pa@ci21 90.0-90.0 90.0+90.0 89.
ge_q@ci21 1.0 10.0 5.

#x ypos[0]@h2o 356.539321-3./3600. 356.539321+3./3600. 2./3600.
#x vpos[1]@h2o 12.8220179445-1./3600. 12.8220179445+1./3600. 2./3600.

intflux@h2o 0.1 200.0 10.0
sbser[0]@h2o 0.01 1.0 1.0
#ge_pa@h2o 90.0-90.0 90.0+90.0 89.
ge_q@h2o 1.0 10.0 5.

intflux@co43 0.1 200.0 0.1
sbser[0]@co43 0.01 1.0 0.01
ge_q@co43 1.0 10.0 5.

intflux@ci10 0.1 200.0 0.1
sbser[0]@ci10 0.01 1.0 0.01
ge_q@ci10 1.0 10.0 5.

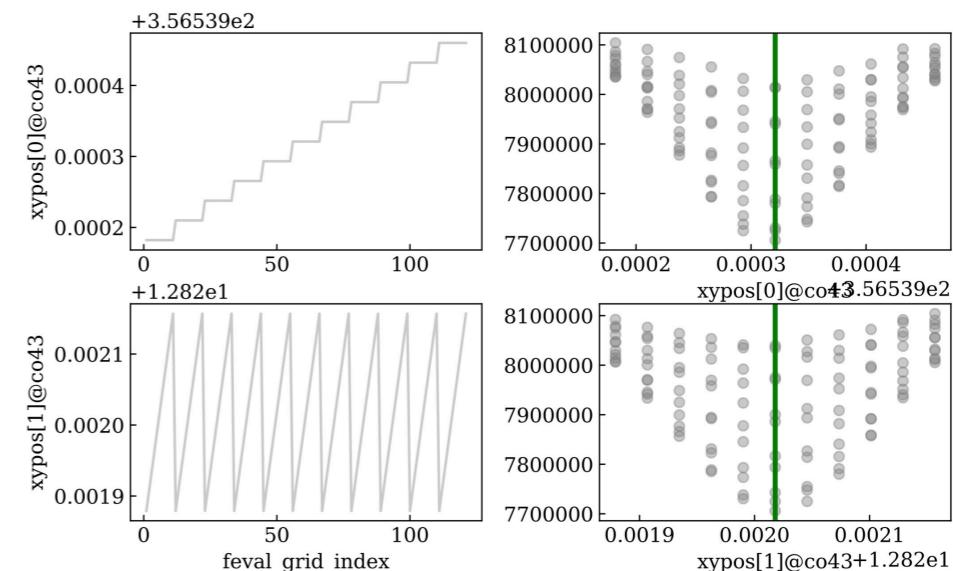
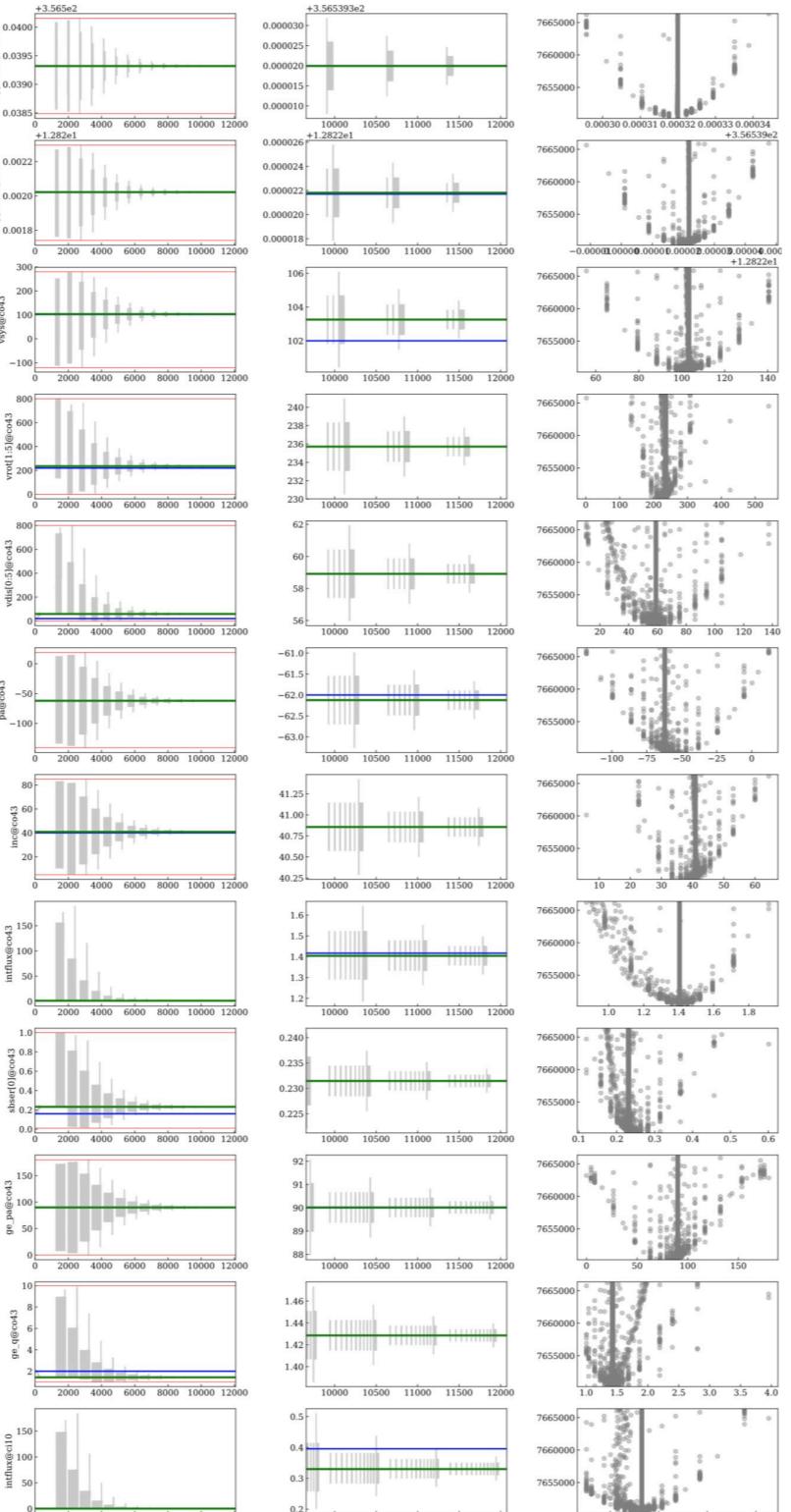
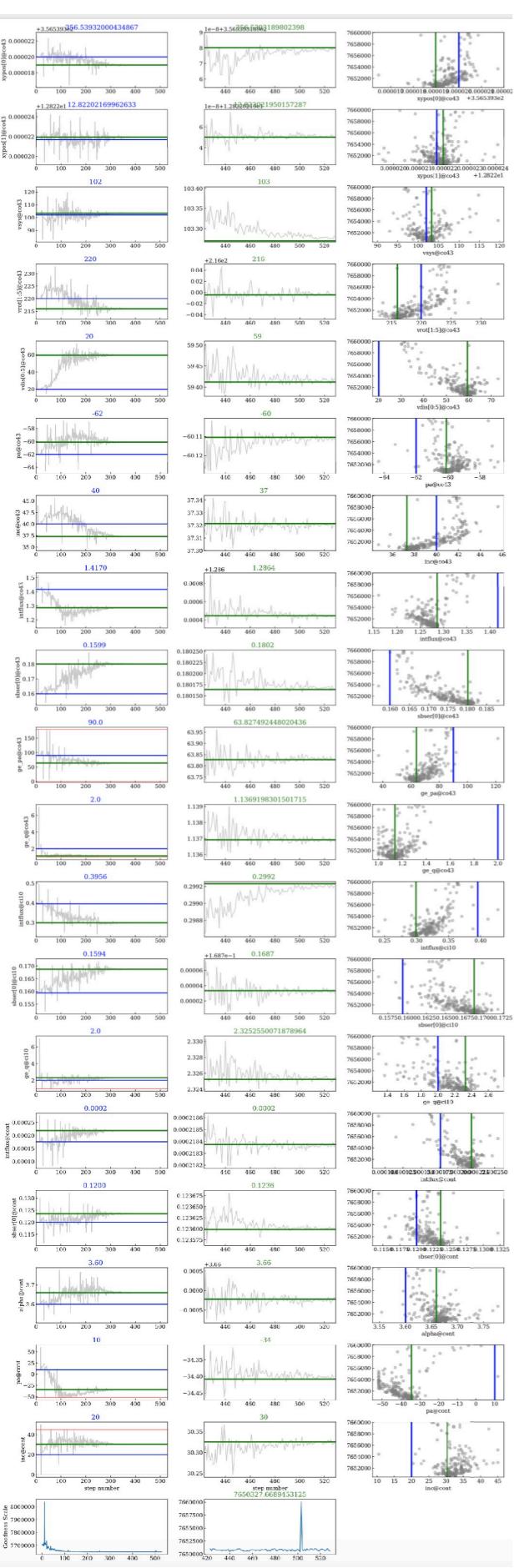
#x ypos[0]@cont 356.539321-3./3600. 356.539321+3./3600. 2./3600.
#x vpos[1]@cont 12.8220179445-1./3600. 12.8220179445+1./3600. 2./3600.

intflux@cont 0.1e-3 10.e-3 10e-3
sbser[0]@cont 0.01 0.30 1.00
alpha@cont 3 4.5 1.00
pa@cont 8-60 8+60 50
inc@cont 0 45. 30.

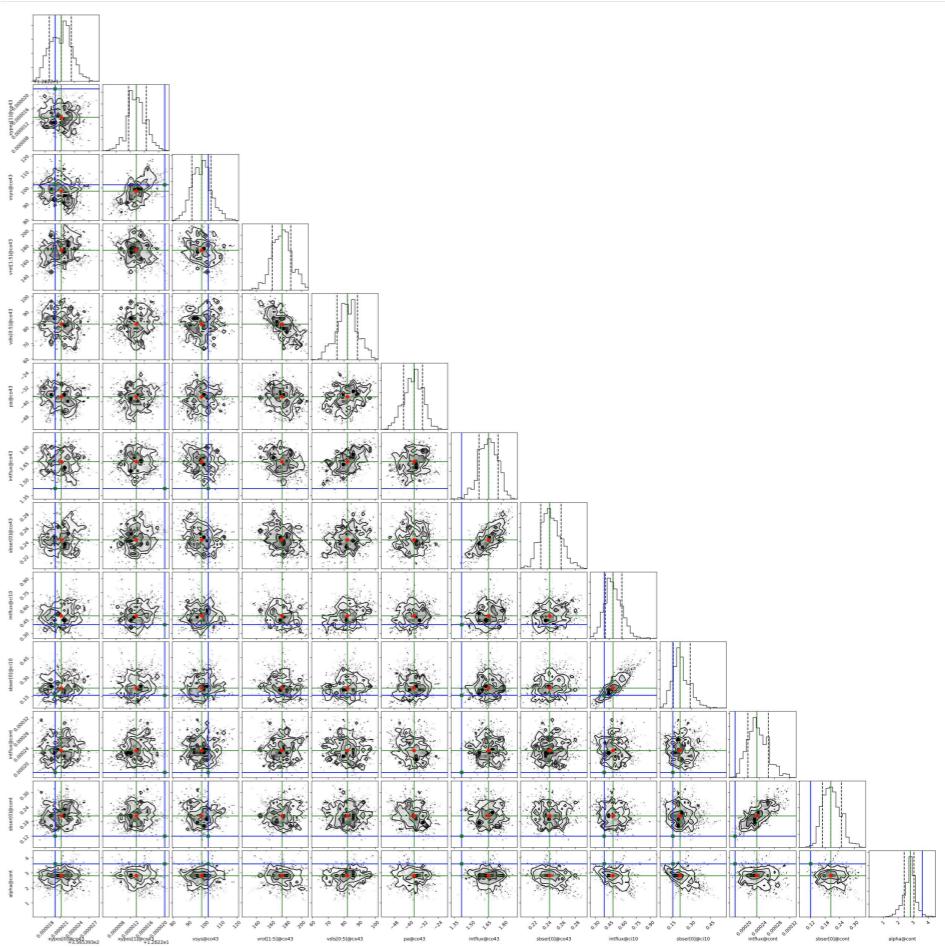
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disk_rs@rc 0.4 5 5
halo_mvir@rc 0.01 100 10

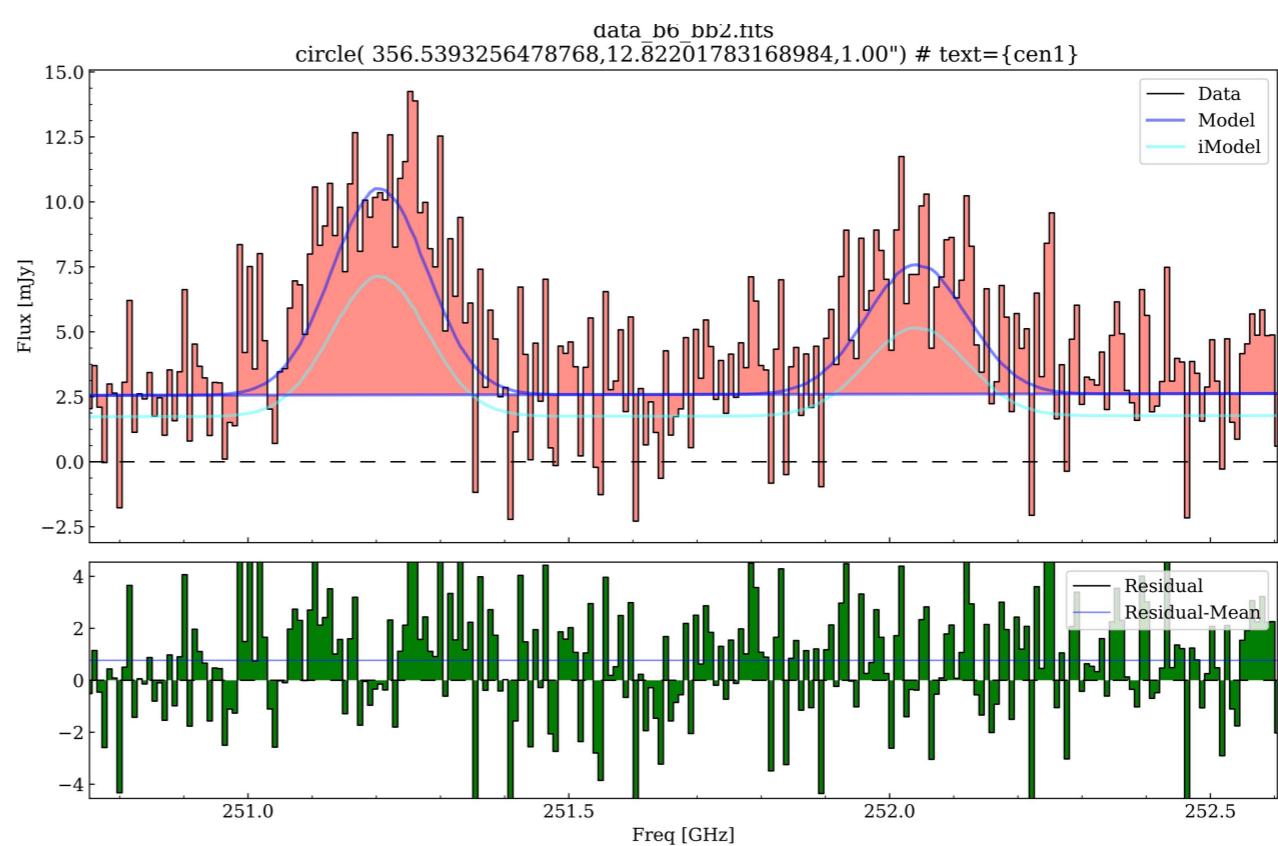
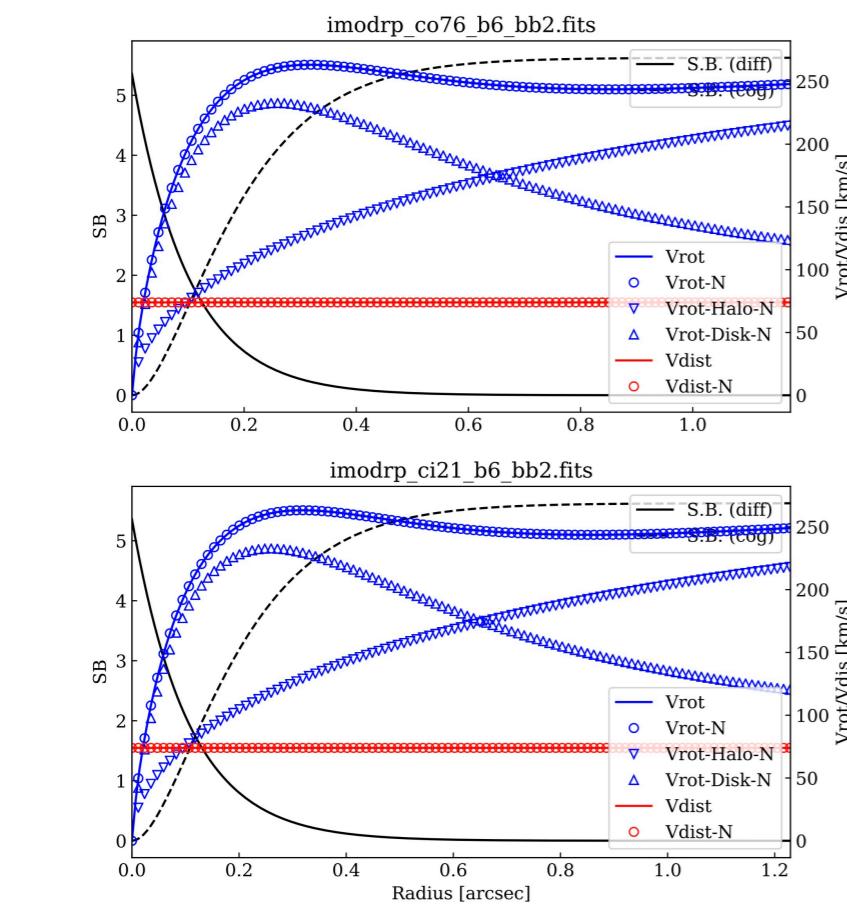
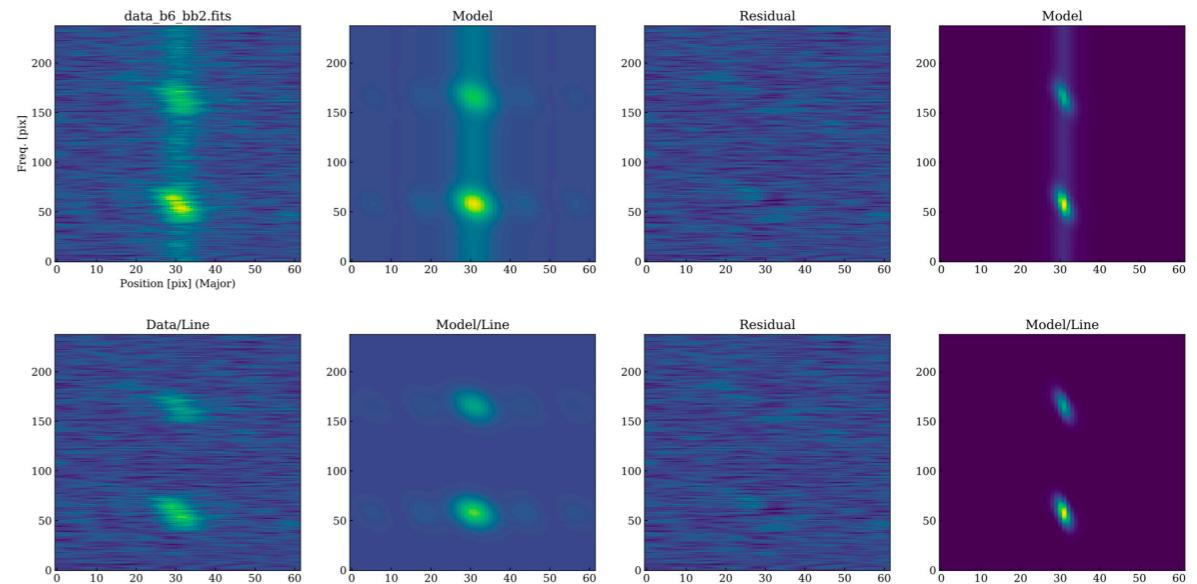
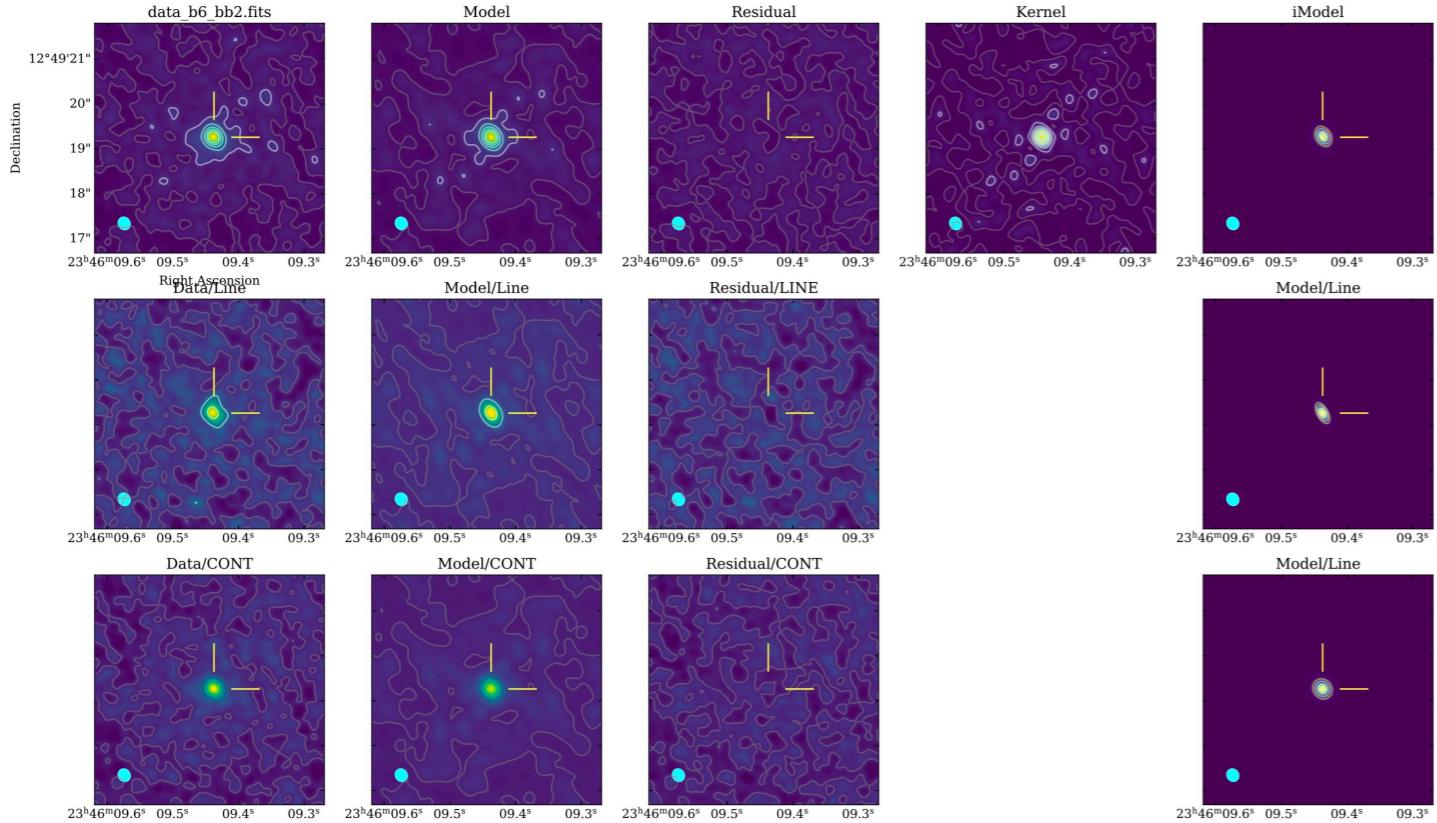
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```

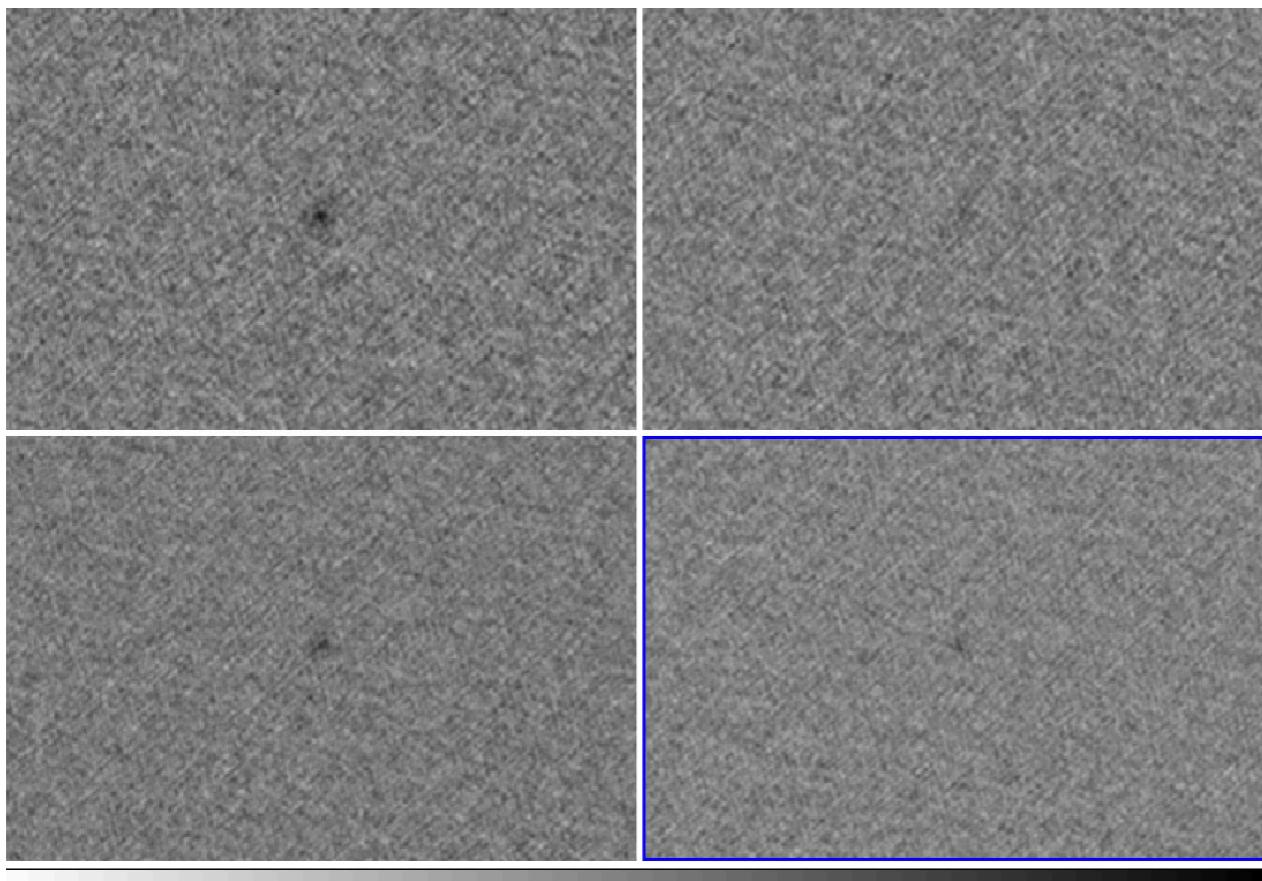
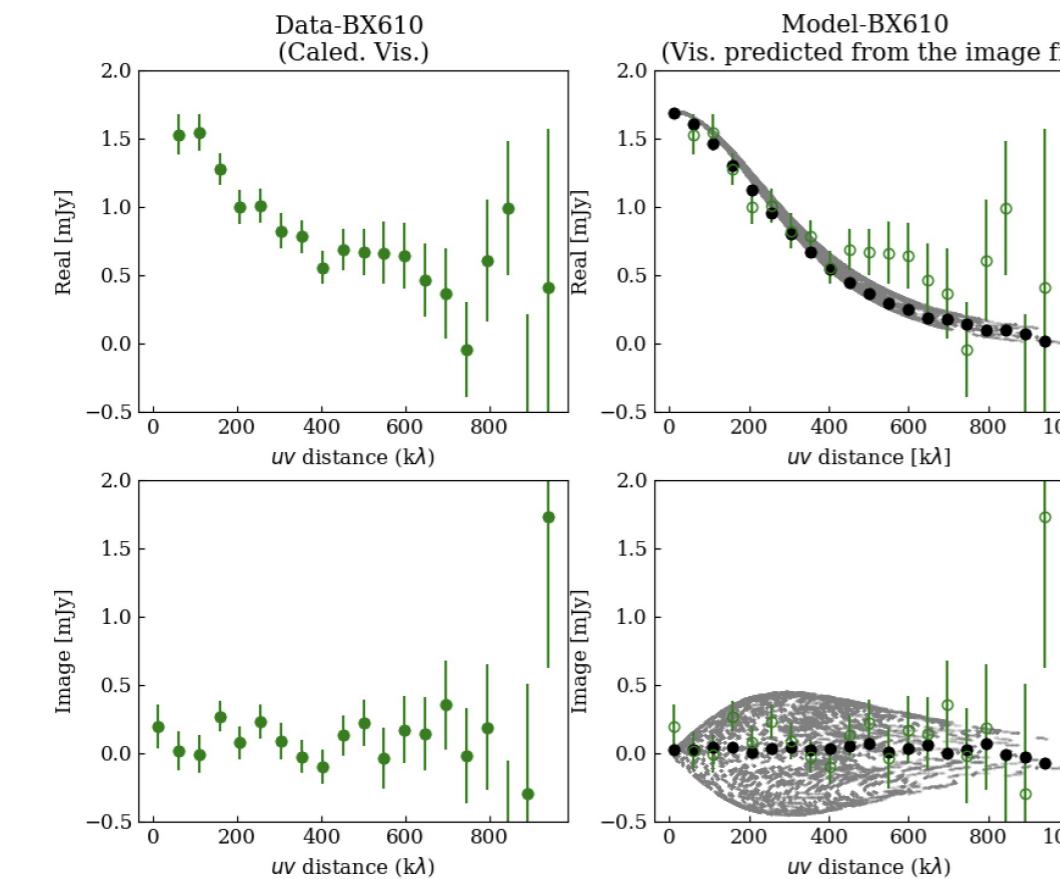


emcee

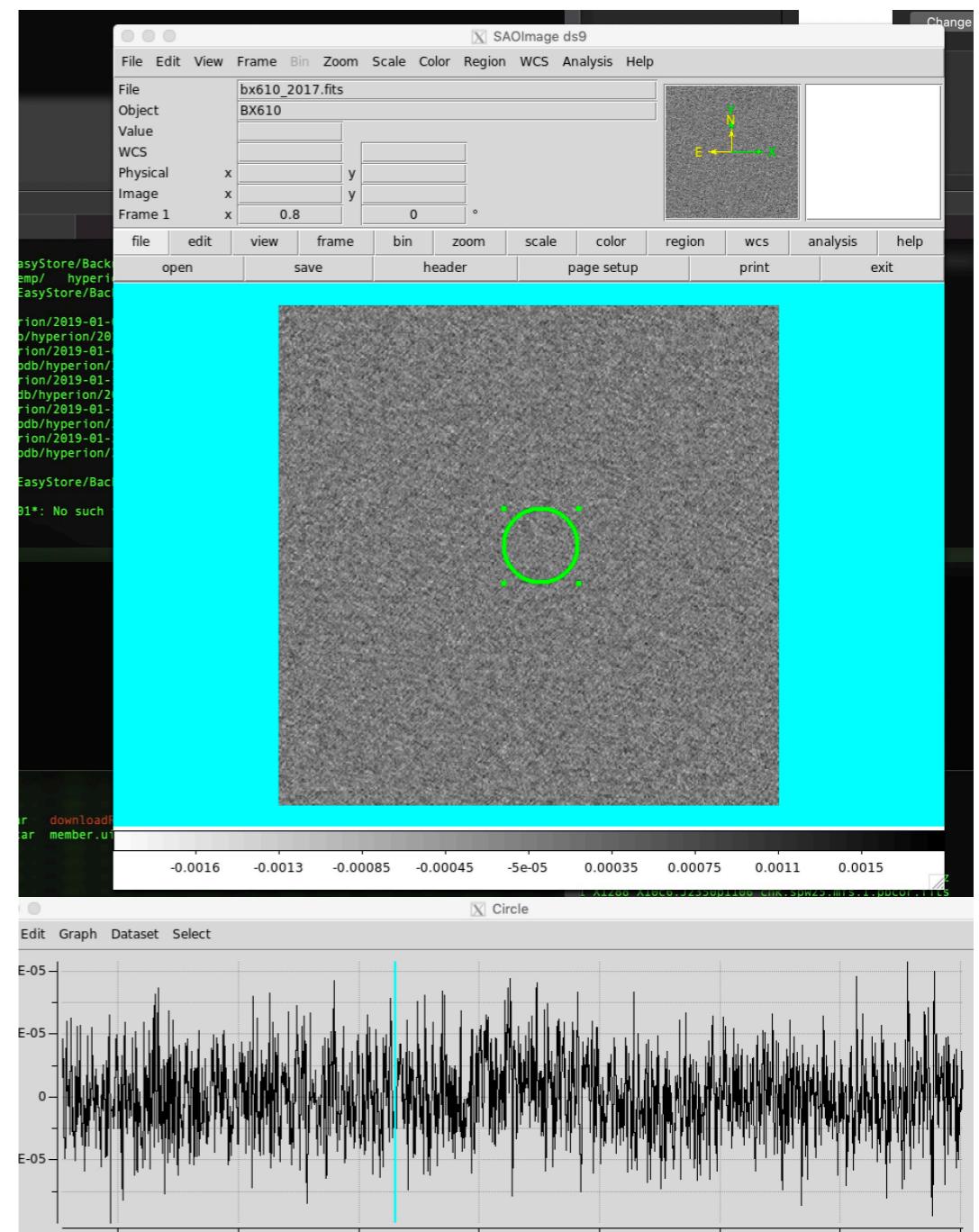




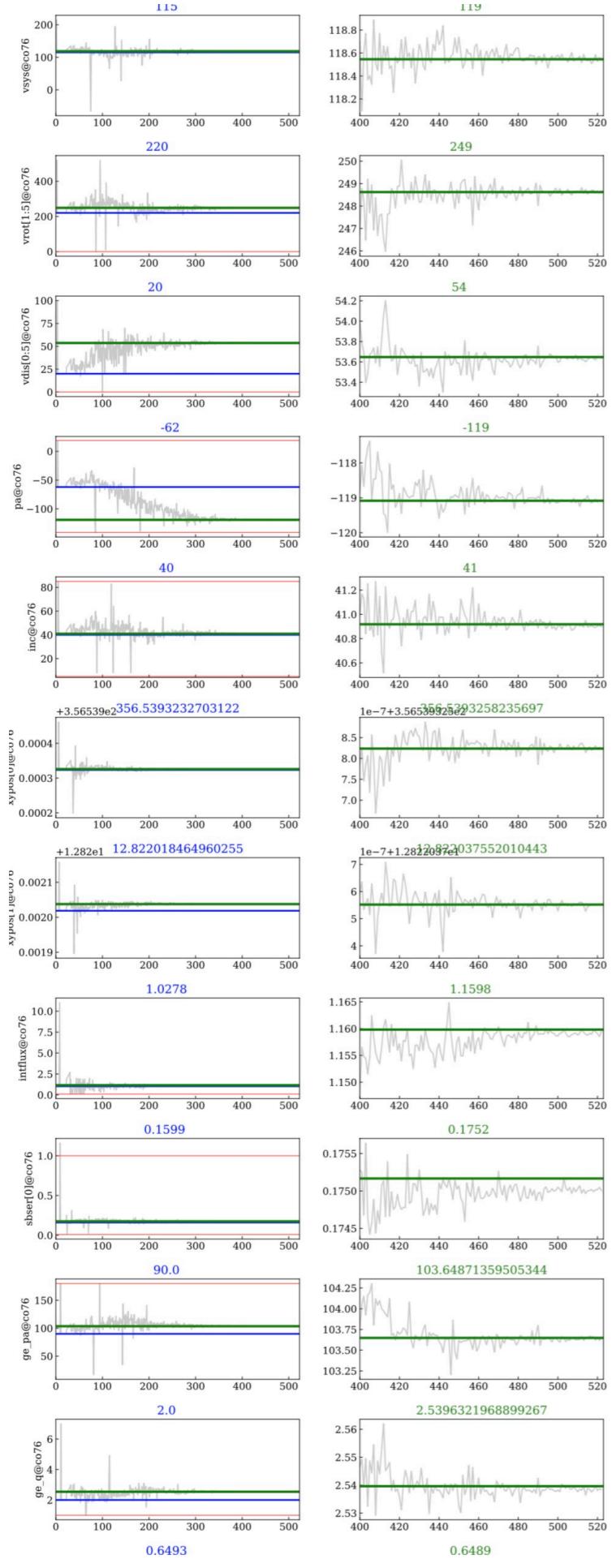
UV-domain



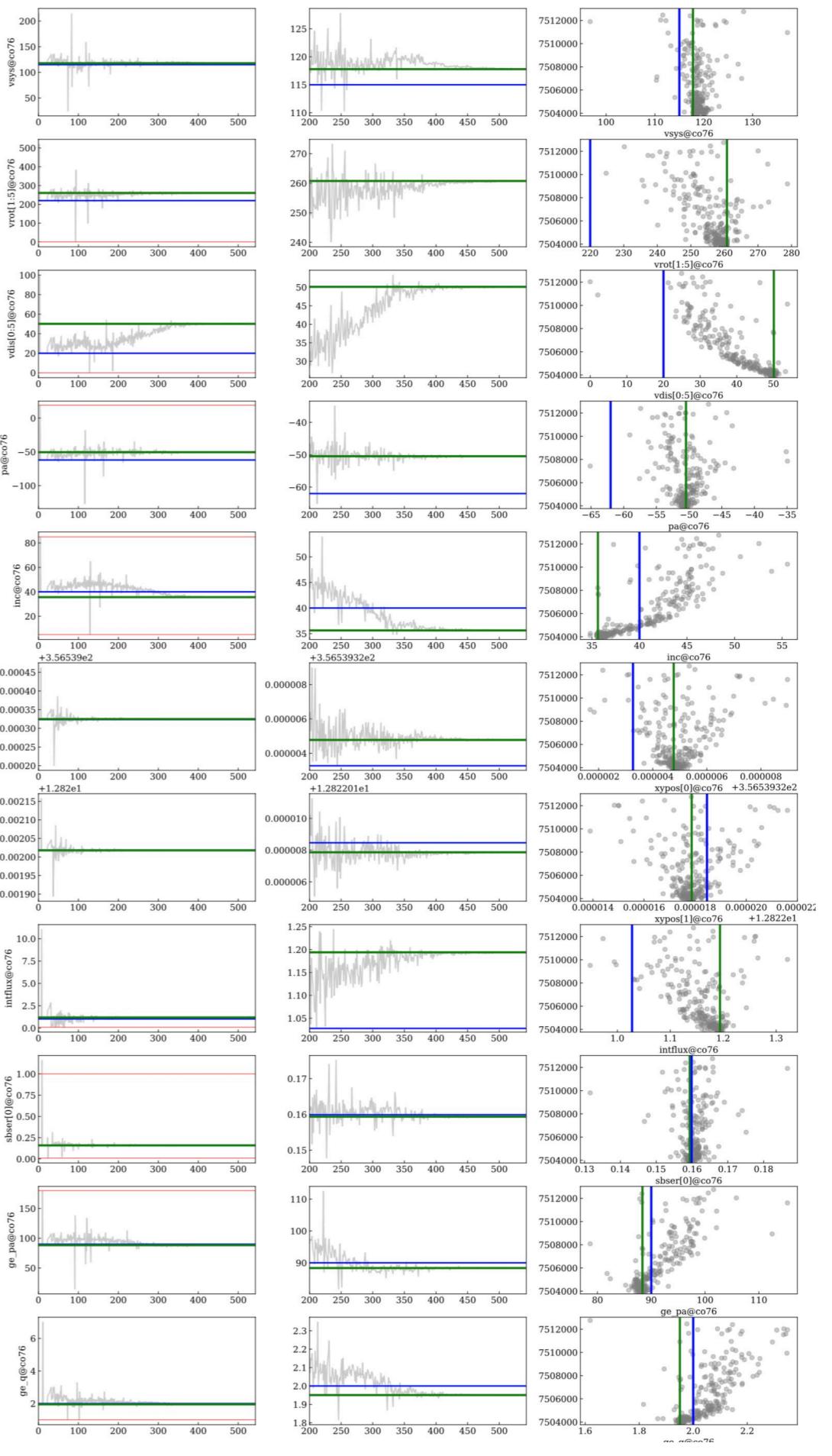
ALMA 2017 Band4 (mfs image, CI10/CO43+cont)



UV



XY



Fill the UV-model into the Corrected Data

Table Browser

data_b6_bb3.ms

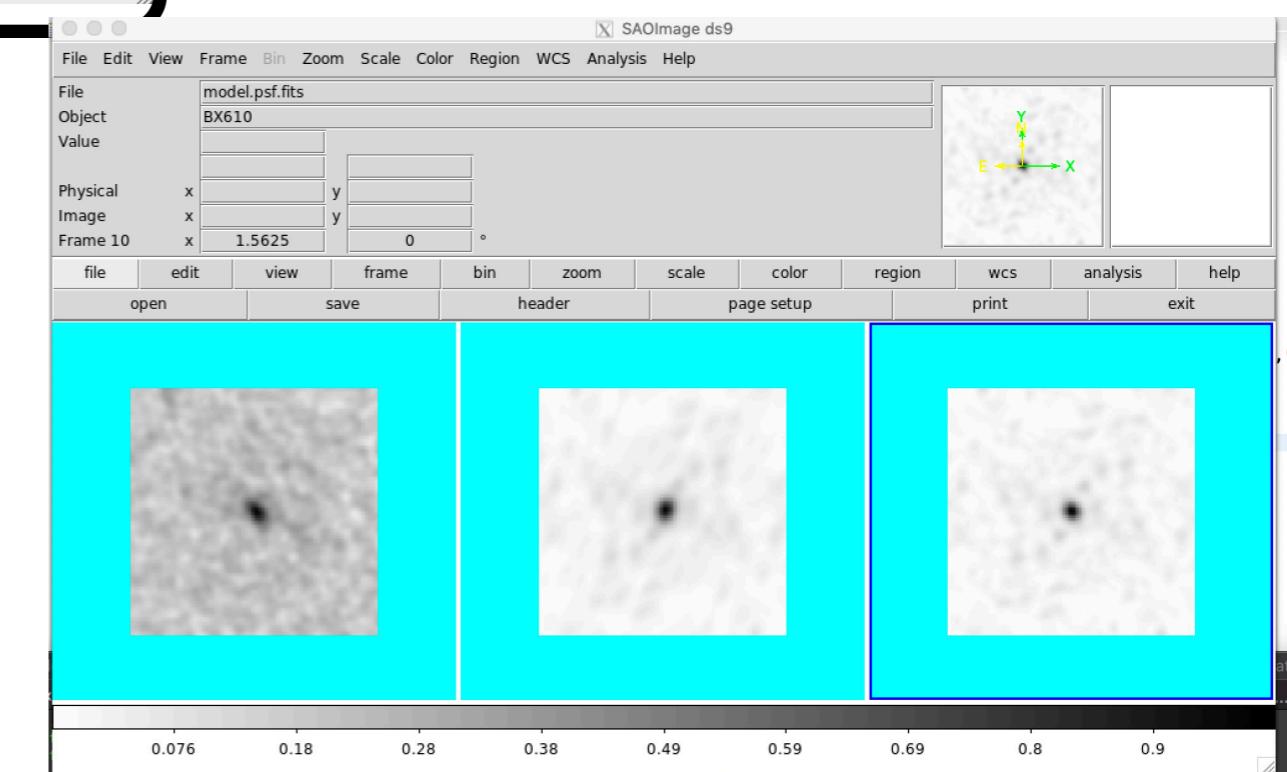
table data table keywords field keywords

| RVAL | OBSERVATION_ID | PROCESSOR_ID | SCAN_NUMBER | STATE_ID | TIME | TIME_CENTROID | DATA_TYPE | CORRECTED_DATA |
|------|----------------|--------------|-------------|----------|---------------|---------------|-----------------|-----------------|
| 0 | 0 | 3 | 10 | 17 | 2016-08-03... | 2016-08-03... | [2, 79] Complex | [2, 79] Complex |
| 1 | 0 | 3 | 10 | 17 | 2016-08-03... | 2016-08-03... | [2, 79] Complex | [2, 79] Complex |
| 2 | 0 | 3 | 10 | 17 | 2016-08-03... | 2016-08-03... | [2, 79] Complex | [2, 79] Complex |
| 3 | 0 | 3 | 10 | 17 | 2016-08-03... | 2016-08-03... | [2, 79] Complex | [2, 79] Complex |
| 4 | 0 | 3 | 10 | 17 | 2016-08-03... | 2016-08-03... | [2, 79] Complex | [2, 79] Complex |
| 5 | 0 | 3 | 10 | 17 | 2016-08-03... | 2016-08-03... | [2, 79] Complex | [2, 79] Complex |
| 6 | 0 | 3 | 10 | 17 | 2016-08-03... | 2016-08-03... | [2, 79] Complex | [2, 79] Complex |
| 7 | 0 | 3 | 10 | 17 | 2016-08-03... | 2016-08-03... | [2, 79] Complex | [2, 79] Complex |
| 8 | 0 | 3 | 10 | 17 | 2016-08-03... | 2016-08-03... | [2, 79] Complex | [2, 79] Complex |
| 9 | 0 | 3 | 10 | 17 | 2016-08-03... | 2016-08-03... | [2, 79] Complex | [2, 79] Complex |
| 10 | 0 | 3 | 10 | 17 | 2016-08-03... | 2016-08-03... | [2, 79] Complex | [2, 79] Complex |

Restore Columns Resize Headers

PAGE NAVIGATION First <> [1 / 490] >> Last 1 Go Loading 1000 rows.

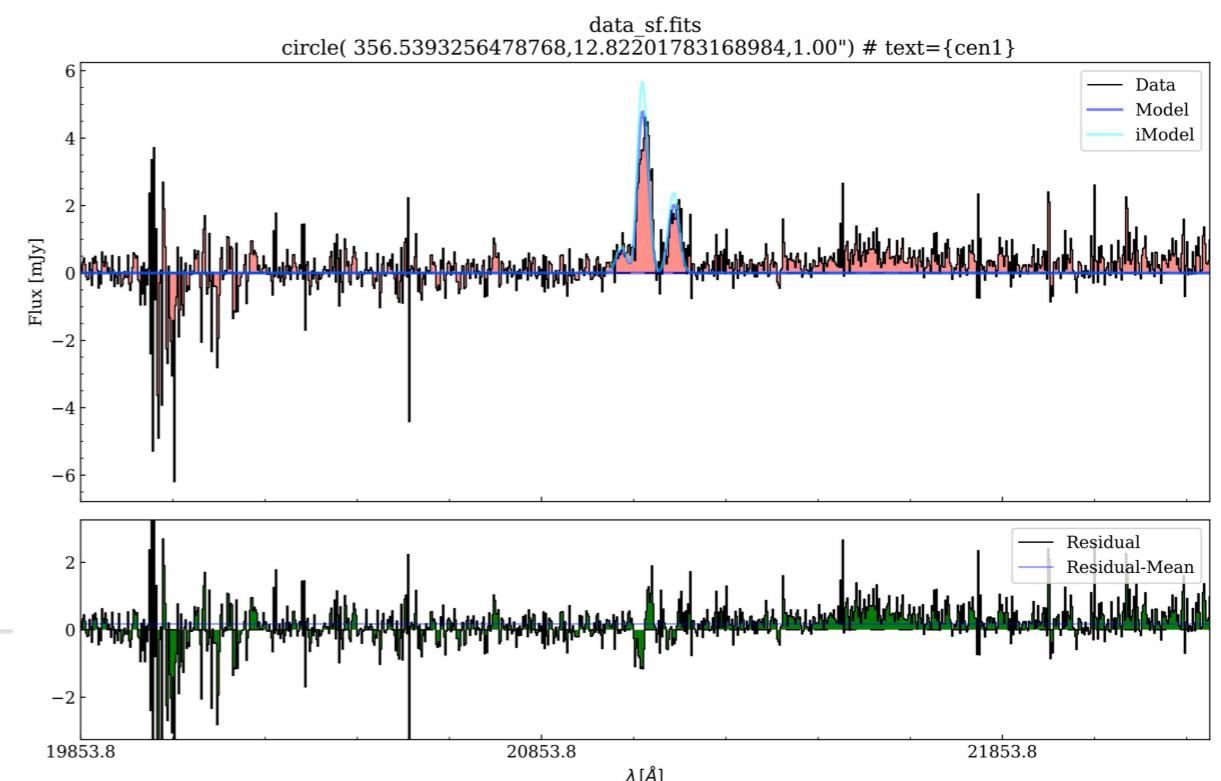
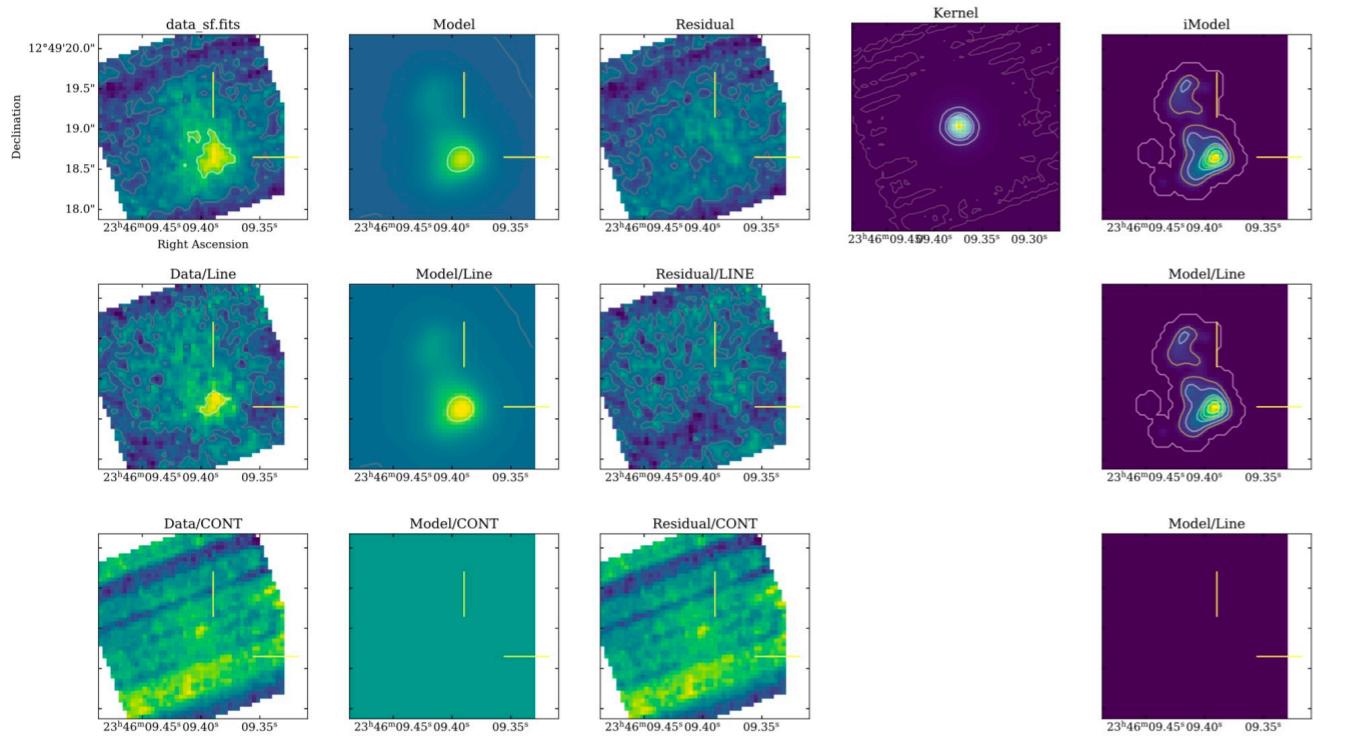
Browsing table: /Users/Rui/Dropbox/Worklib/projects/GMaKE/examples/bx610/models/uvb6_ab/p_start/data_b6_bb3.ms



Data

Model

PSF



Wavelength-Cube Morphology Prior pip install

**Module->CLASS
document in .rst->html**

phot-filter / IGM model

