

UVIS Rings Spectroscopy Atlas

The UVIS FUV and EUV channels have 64 X 1024 pixels spatial and spectral pixels each, respectively. For this document a “pixel” refers to the projection of a single pixel onto the ring plane. Due to the motion of the spacecraft during an integration period the projection of the pixel onto the ring plane may vary in location both radially and azimuthally, resulting in a “smeared” projected pixel. An observation typically consists of multiple integration periods, where each set of 64 X 1024 pixels of data constitute a single data record. For example an observation with 10 data records consists of 64 X 1024 X 10 pixels of data. Some observations were designed where the spectra were binned. For example spectral binning equal to 2 with 10 data records results in 64 X 512 X 10 separate pixels of data. The figures containing an axis or axes in units of Rs are in units of the dynamical radius of Saturn, which is 60330 km.

Incidence, emission, and phase angles range from 0°-180°, with 0° normal to the ring plane in the Saturn North Pole direction.

Top left: Projection of each smeared pixel for all data records in ring plane looking down on Saturn North pole with Sun to the left. The color code is rainbow from IDL color palette 13 and is normalized with violet and red corresponding to the lowest and highest count rates, respectively.

Top center: Example of the movement of a single projected pixel from start to finish of the integration period.

Middle left: Distance of the spacecraft from the ring plane for each projected pixel for all data records plotted against the radial location of the center of the projected pixel at the middle of the integration period.

Middle center: Maximum projected smeared pixel size for all data records plotted against the radial location of the projected pixel at the middle of the integration period.

Middle right: Phase, incidence, and emission angles for each pixel for all data records at the middle of the integration period.

Bottom left: Total raw counts from 175.2 – 189.8 nm for each pixel for all data records.

Bottom center: Location of spacecraft throughout an observation looking down on Saturn North Pole with the Sun to the left.

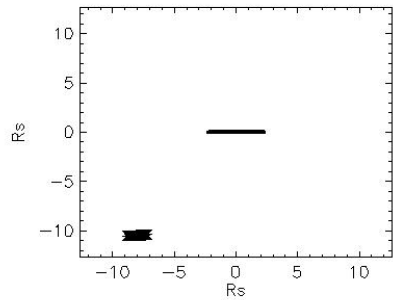
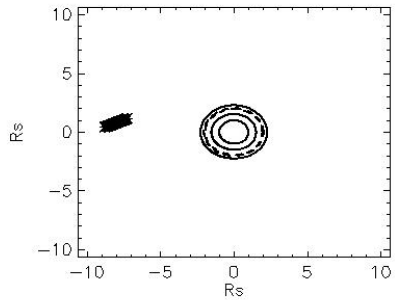
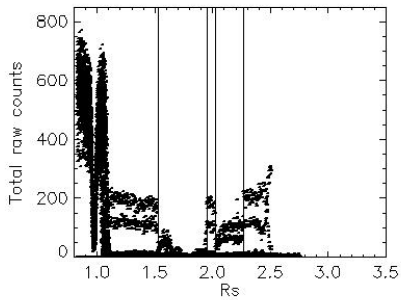
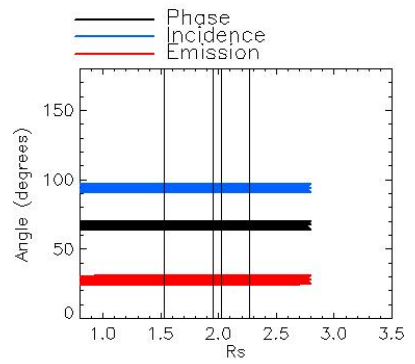
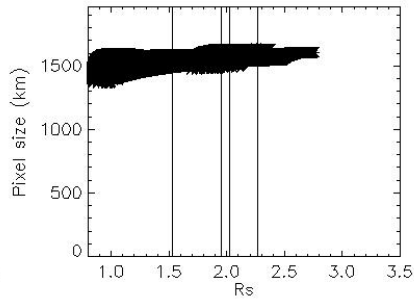
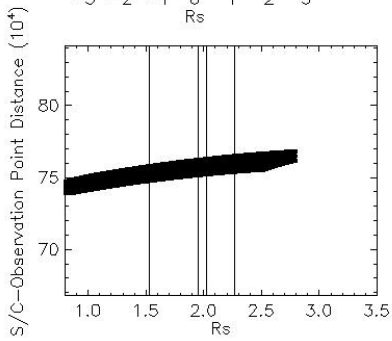
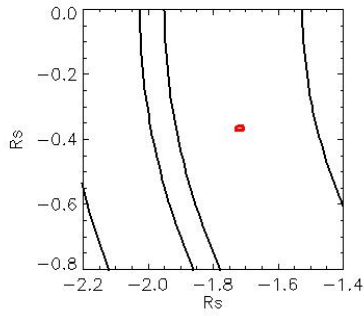
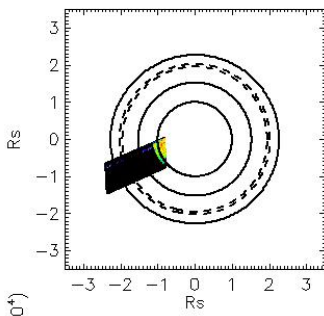
Bottom right: Location of spacecraft throughout an observation looking in the equatorial plane with the Sun to the left.

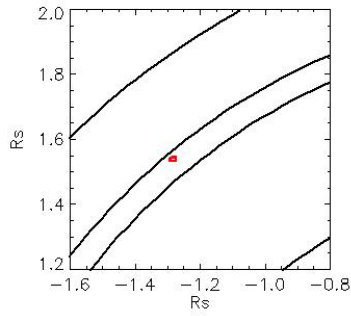
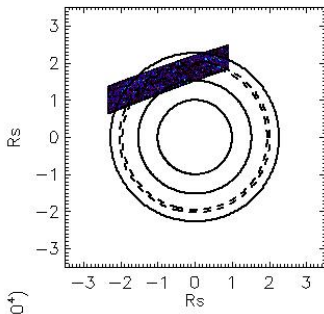
Observation Name:
UVIS_094RLGAMCRU001_VIMS

Observation Date:
2008_327_23_46_08

Observation Duration:
16325 S

Integration time = 25 S



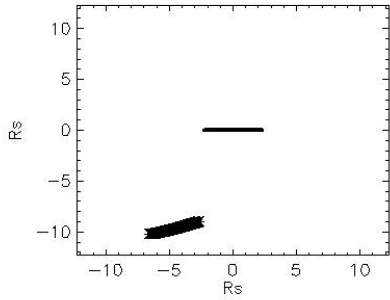
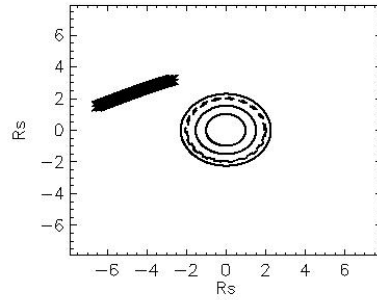
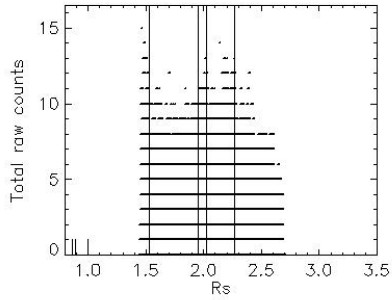
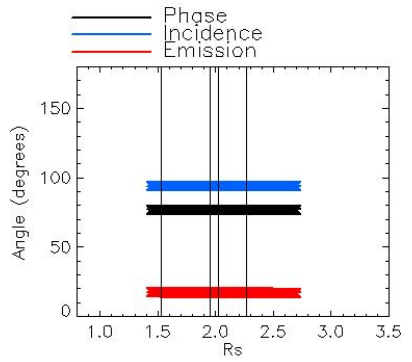
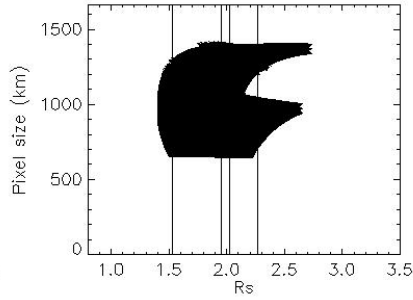
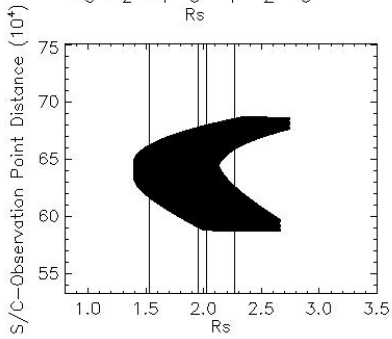


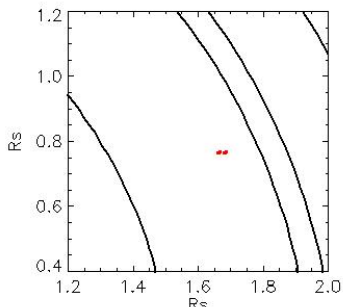
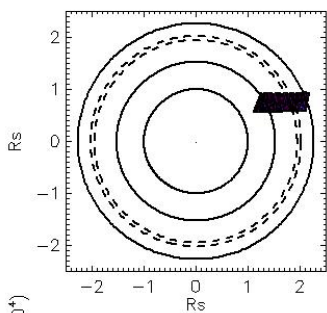
Observation Name:
UVS_094RLEPSMUSOCC001_VIMS

Observation Date:
2008_328_06_05_27

Observation Duration:
30675 S

Integration time = 25 S



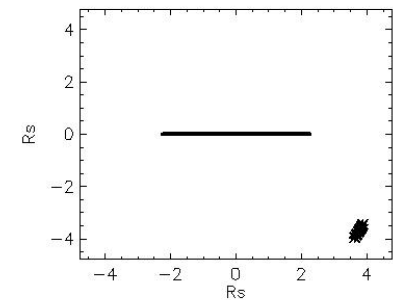
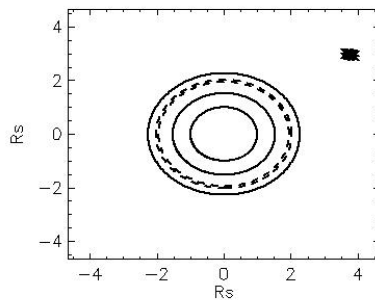
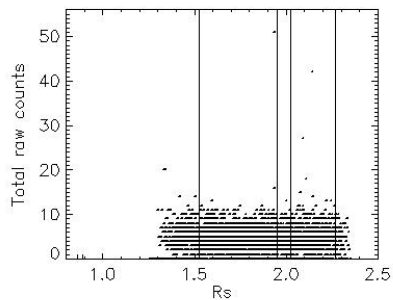
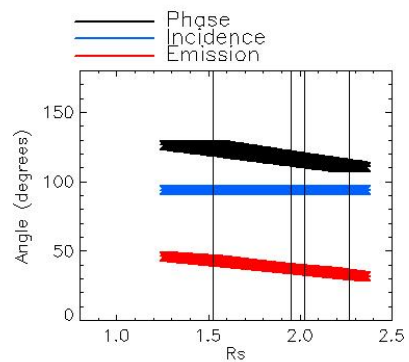
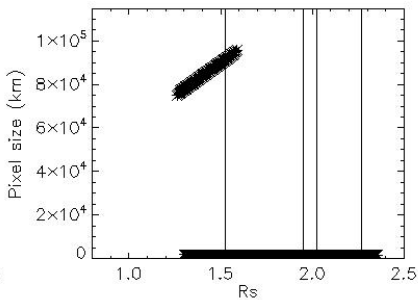
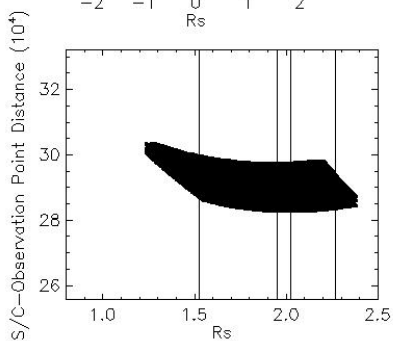


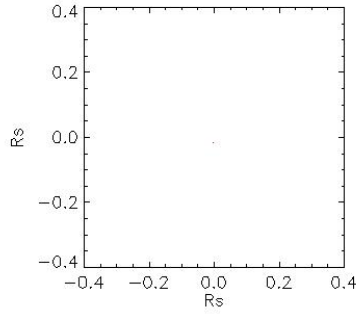
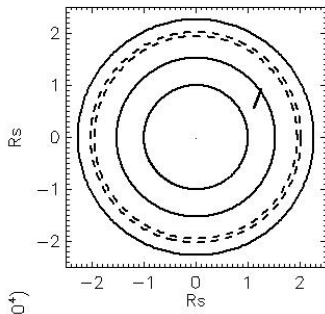
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_03_11_50

Observation Duration:
3120 S

Integration time = 60 S



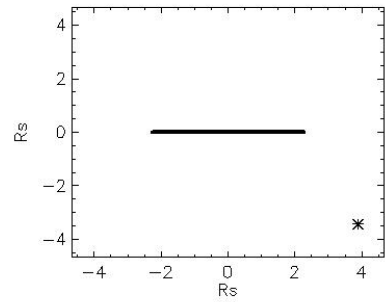
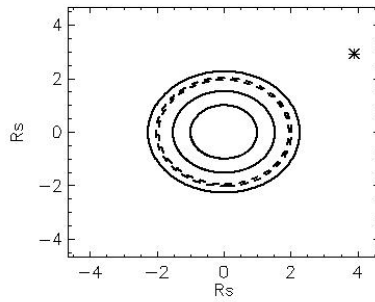
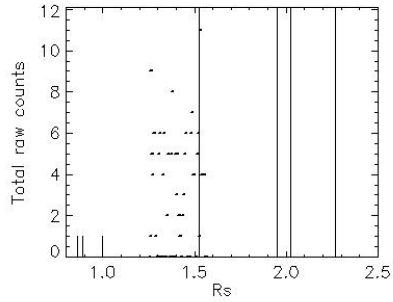
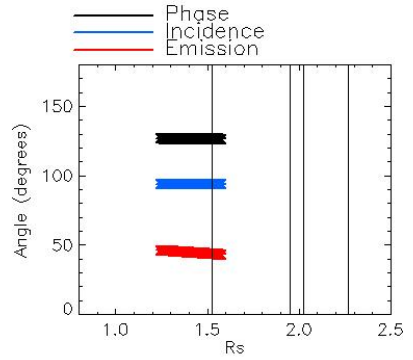
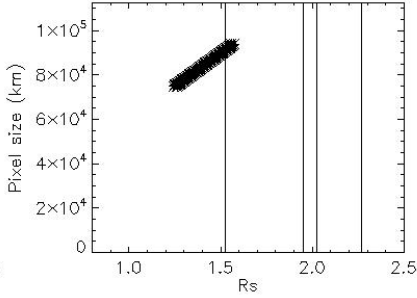
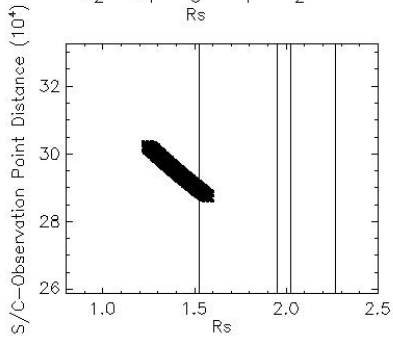


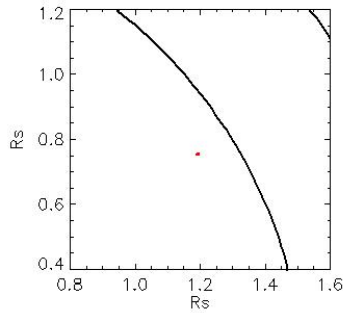
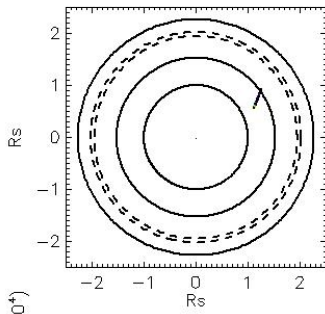
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_04_02_50

Observation Duration:
120 S

Integration time = 60 S



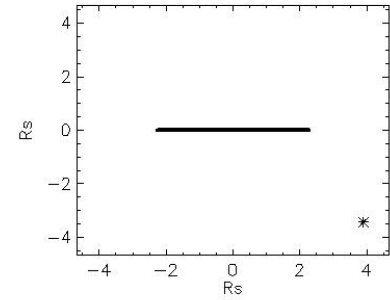
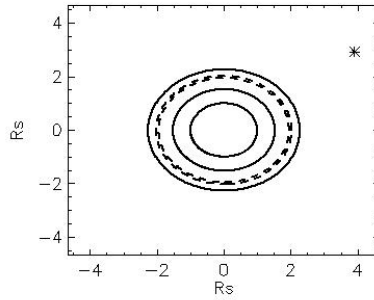
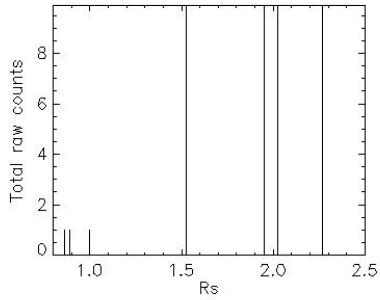
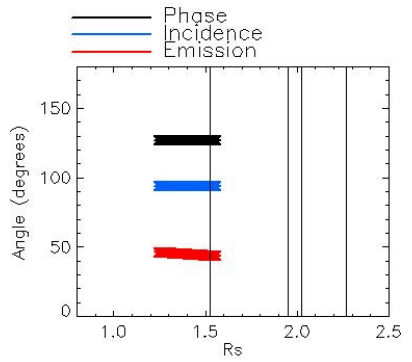
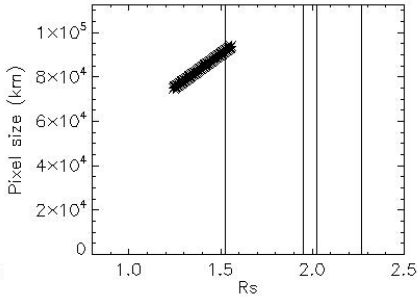
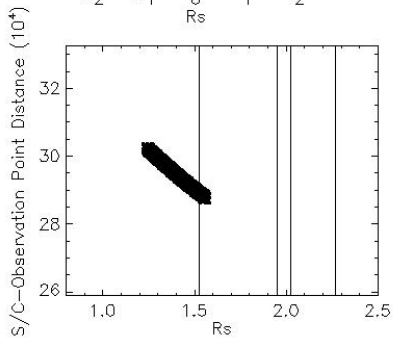


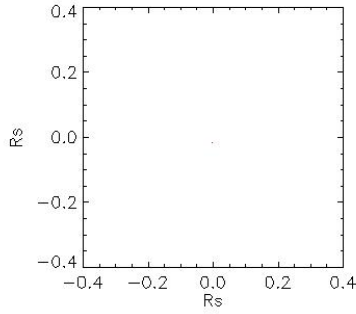
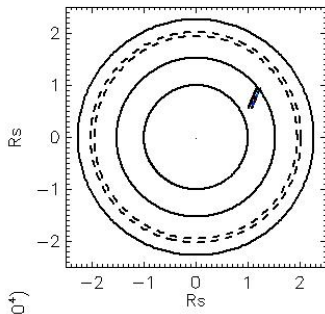
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_04_03_50

Observation Duration:
60 S

Integration time = 60 S



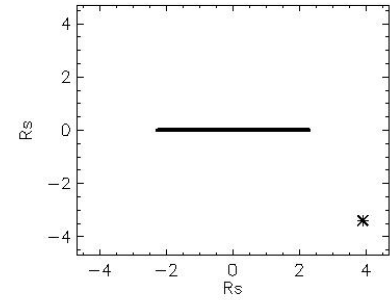
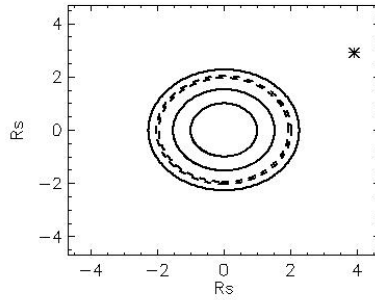
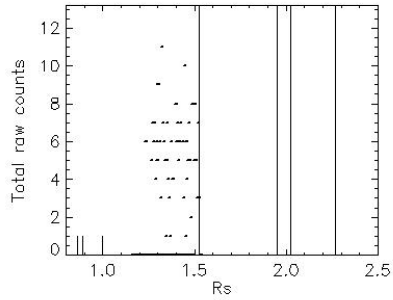
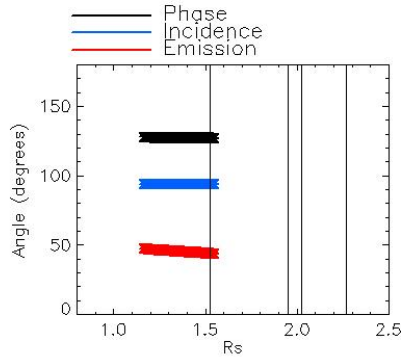
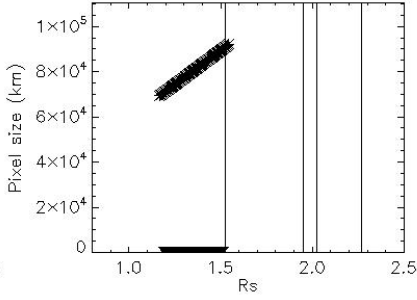
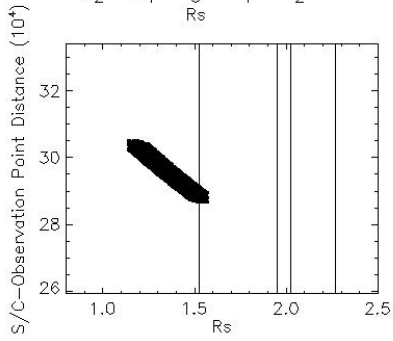


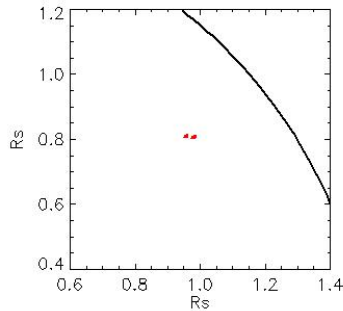
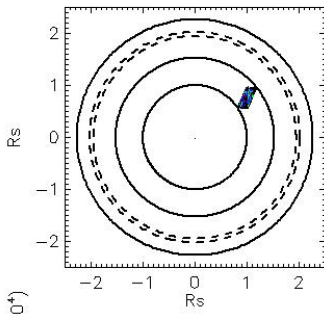
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_04_04_50

Observation Duration:
240 S

Integration time = 60 S



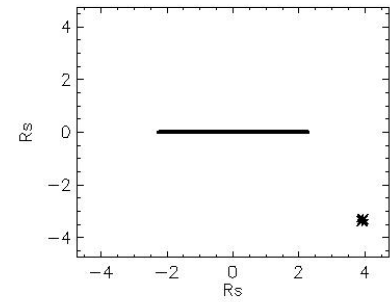
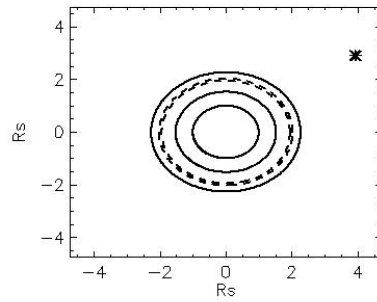
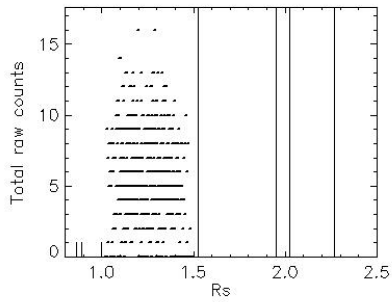
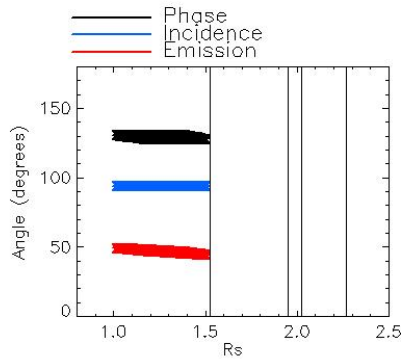
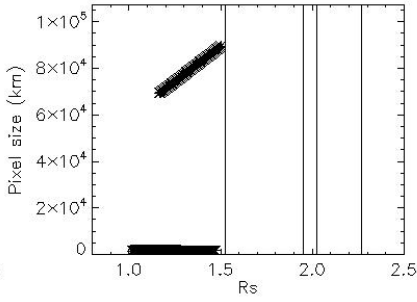
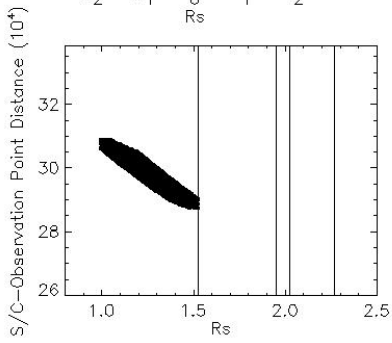


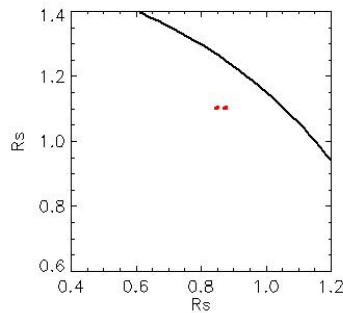
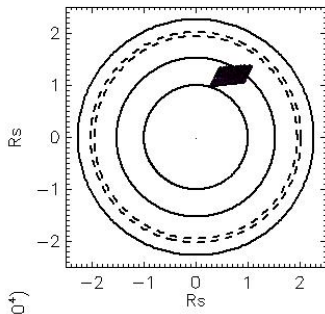
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_04_07_50

Observation Duration:
540 S

Integration time = 60 S



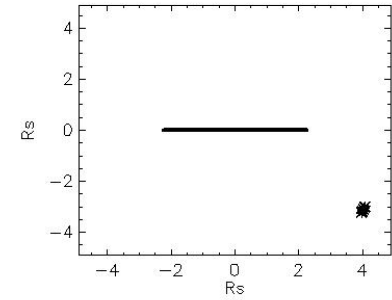
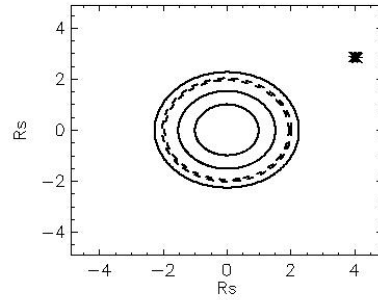
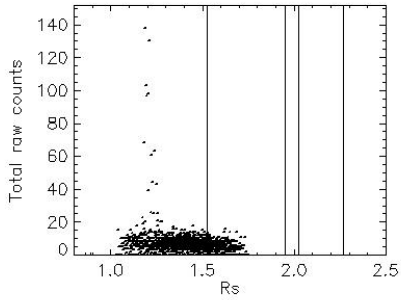
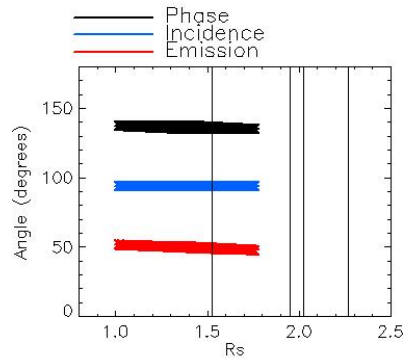
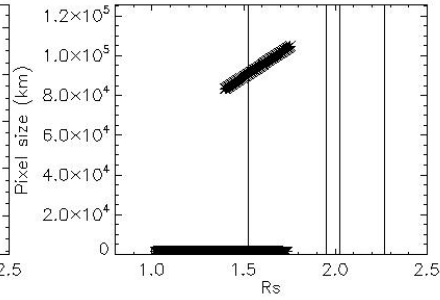
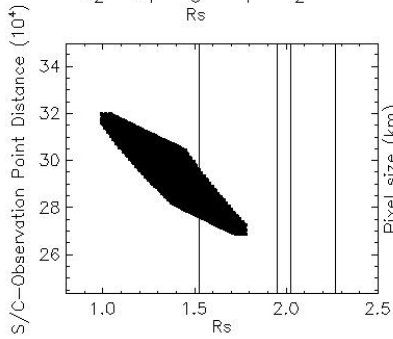


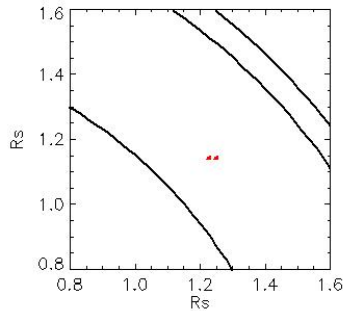
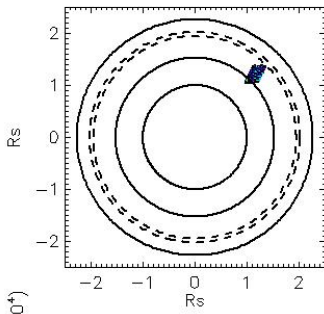
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_04_20_50

Observation Duration:
1440 S

Integration time = 60 S



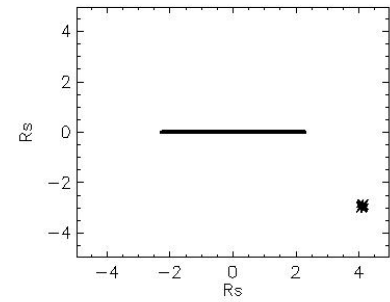
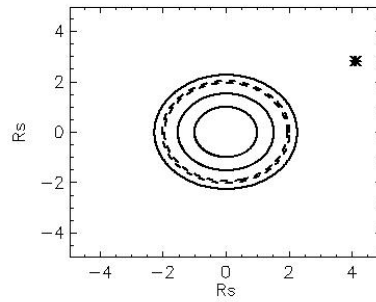
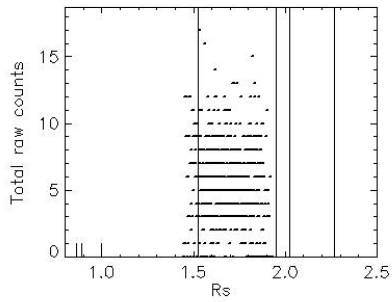
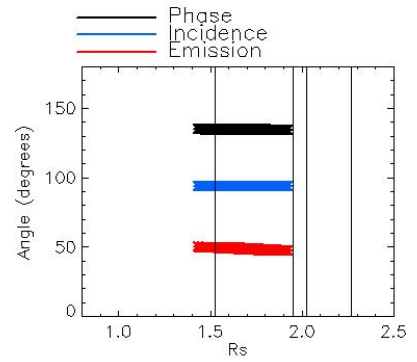
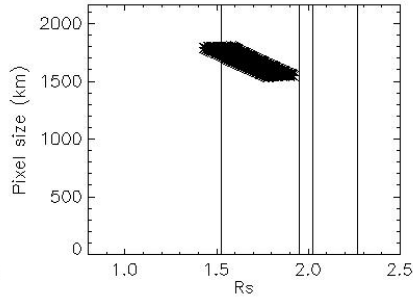
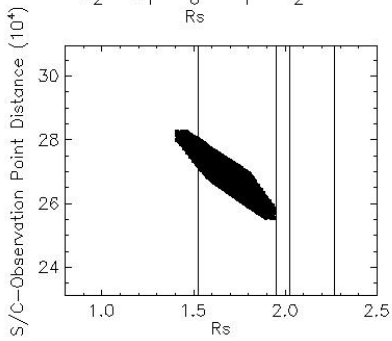


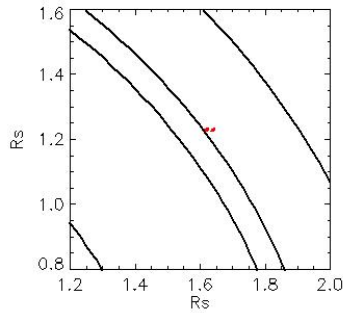
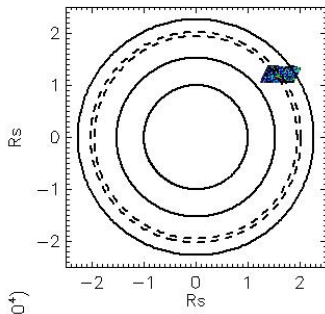
Observation Name:
UVS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_04_43_50

Observation Duration:
720 S

Integration time = 60 S



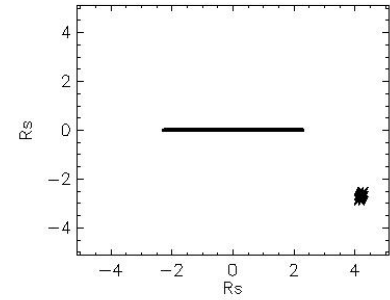
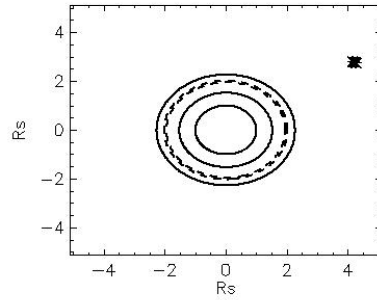
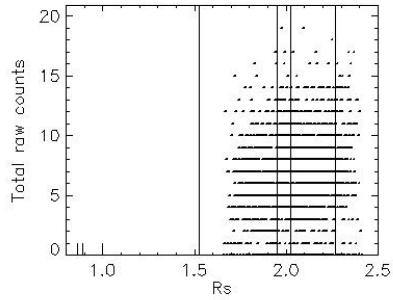
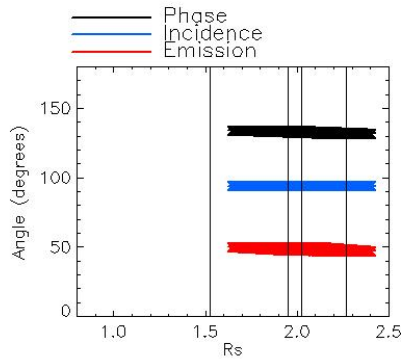
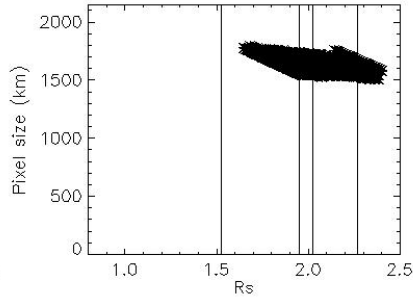
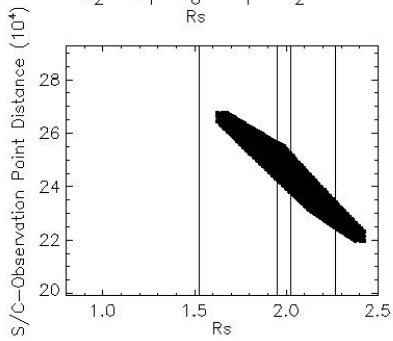


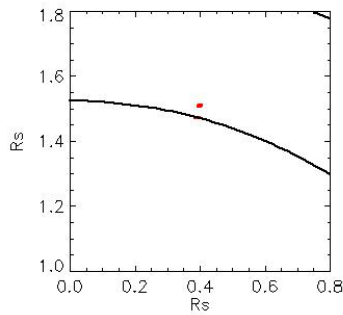
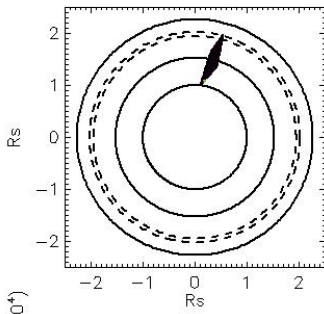
Observation Name:
UVS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_04_55_50

Observation Duration:
1800 S

Integration time = 60 S



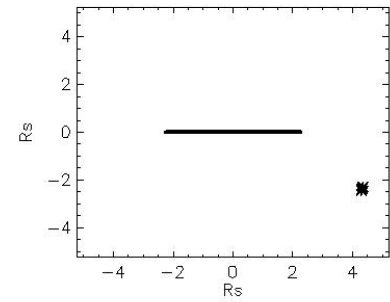
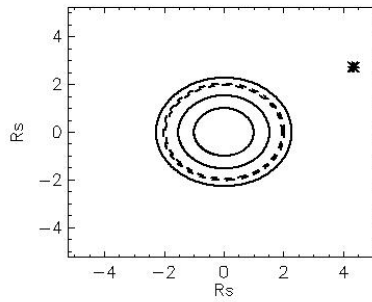
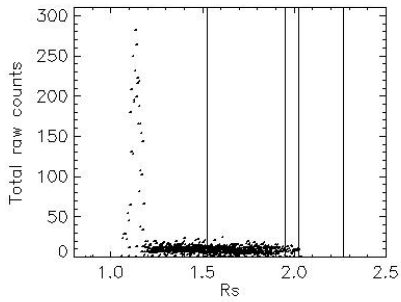
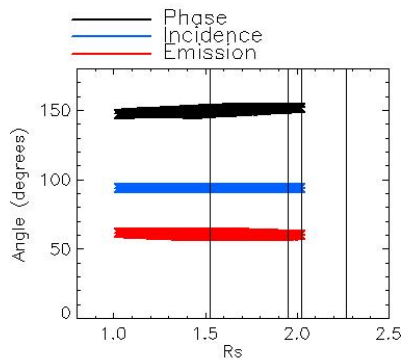
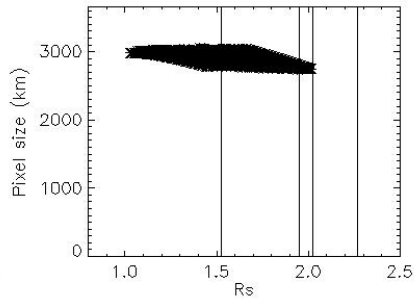
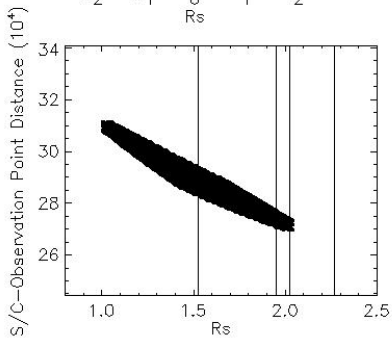


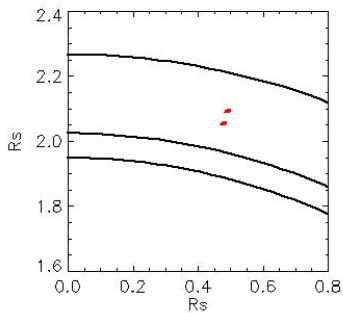
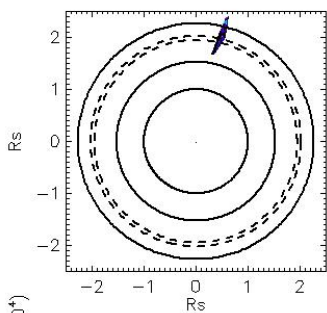
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_05_30_50

Observation Duration:
1020 S

Integration time = 60 S



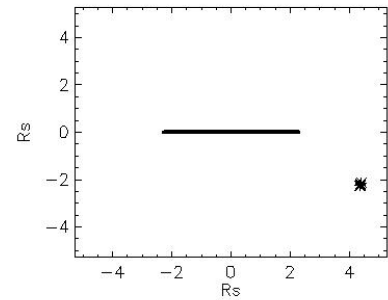
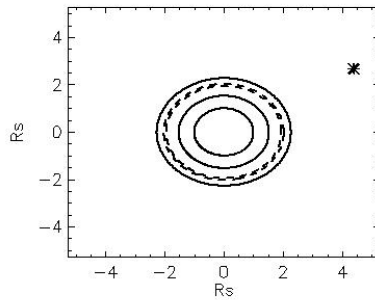
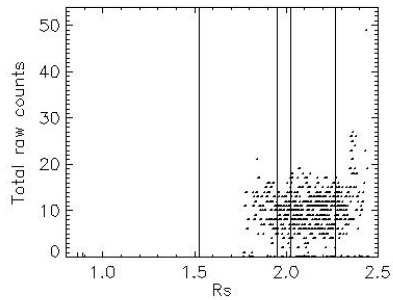
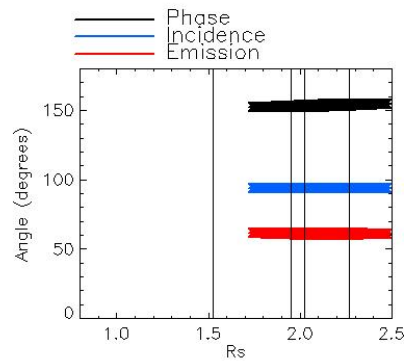
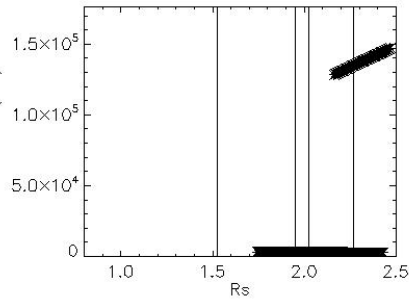
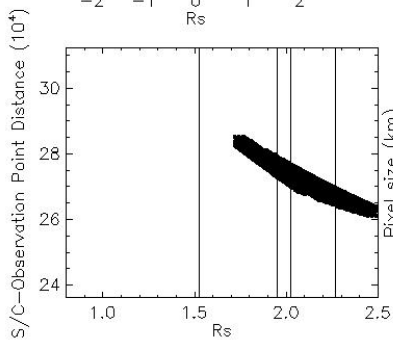


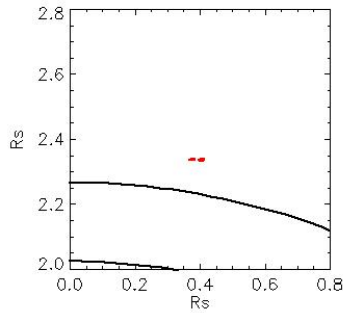
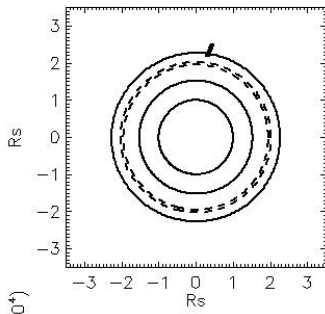
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_05_47_50

Observation Duration:
660 S

Integration time = 60 S



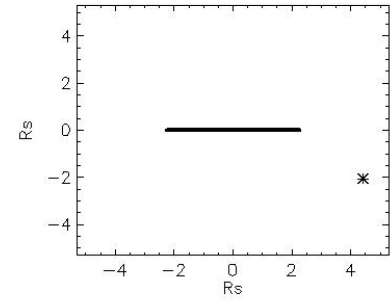
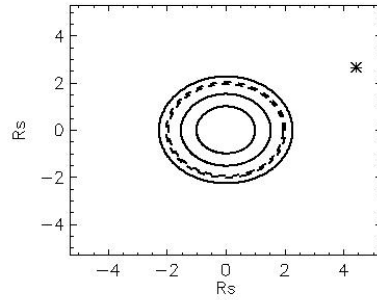
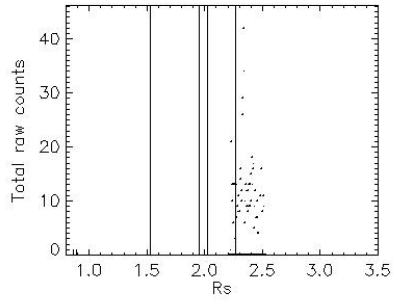
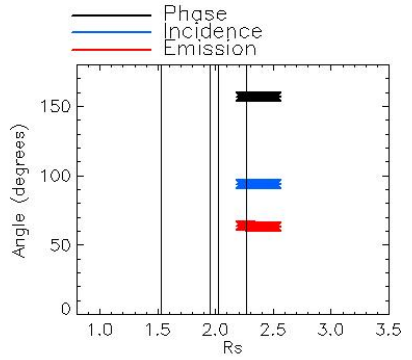
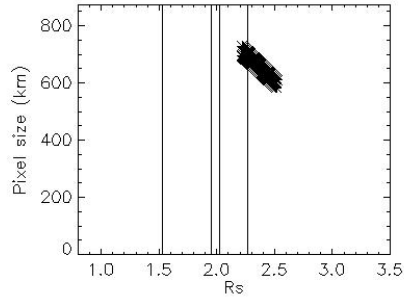
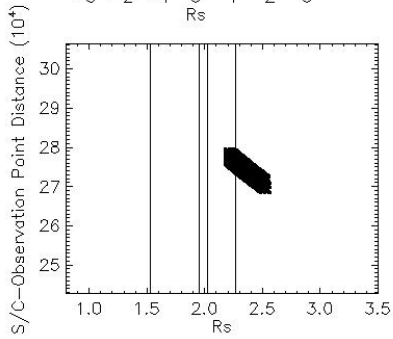


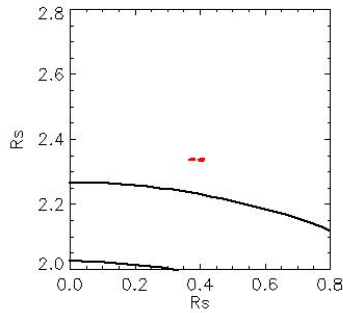
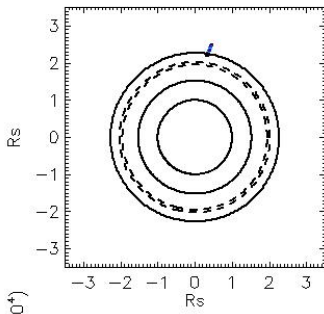
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_06_03_51

Observation Duration:
120 S

Integration time = 60 S



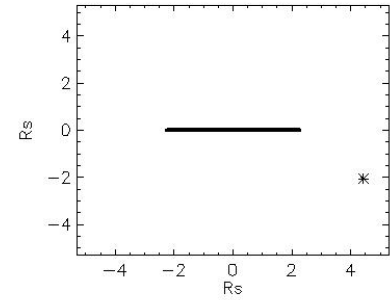
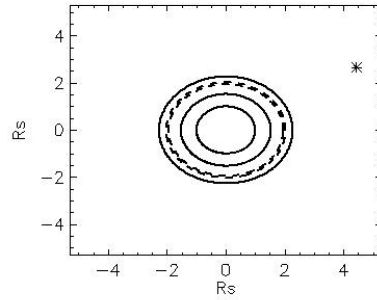
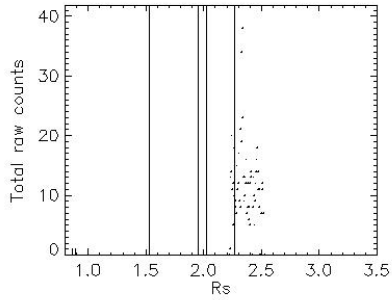
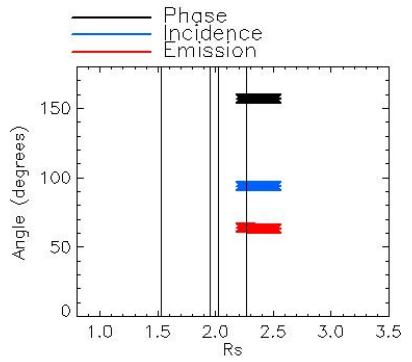
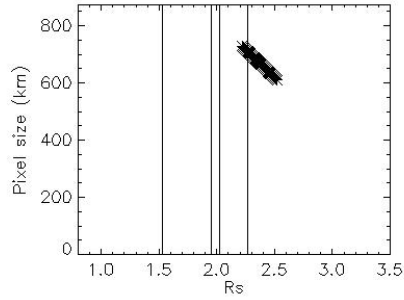
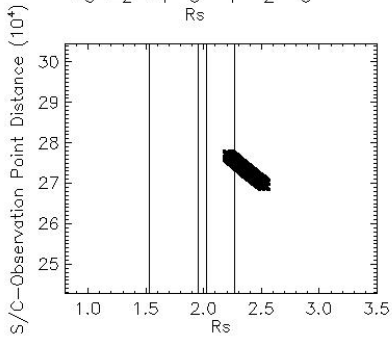


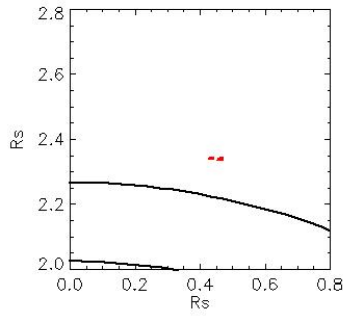
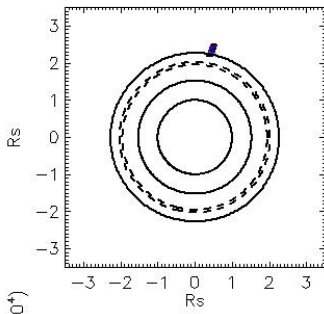
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_06_04_51

Observation Duration:
60 S

Integration time = 60 S



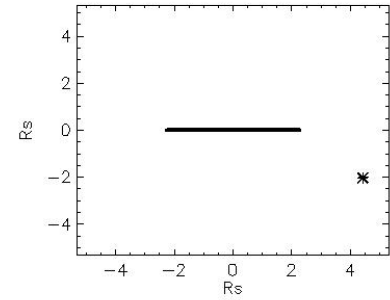
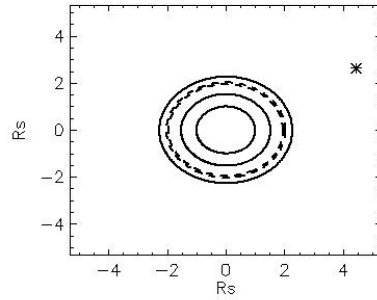
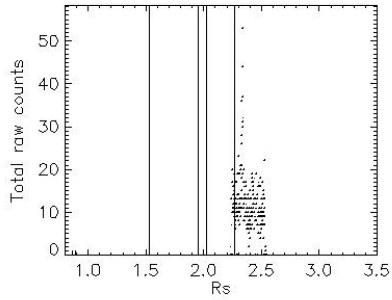
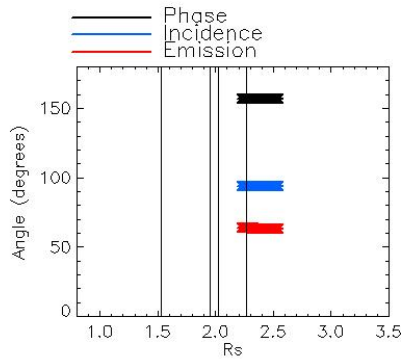
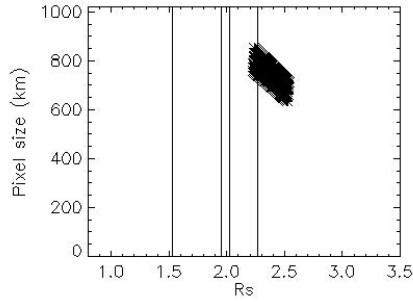
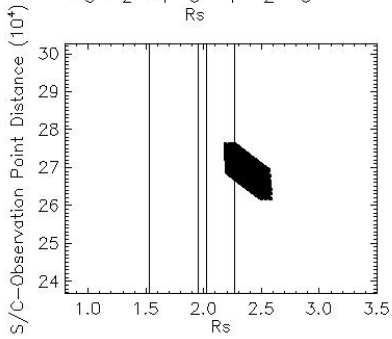


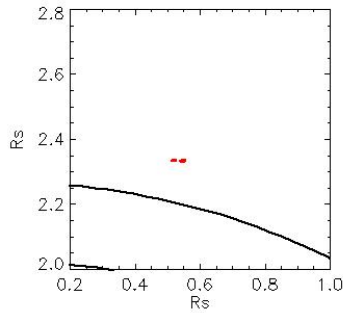
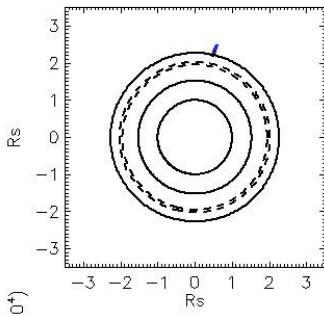
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_06_05_51

Observation Duration:
240 S

Integration time = 60 S



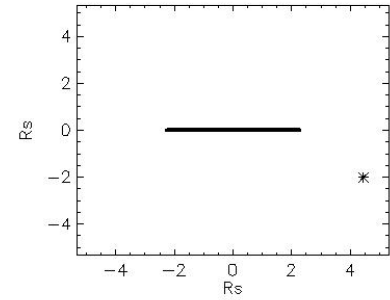
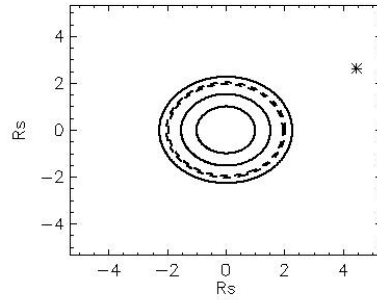
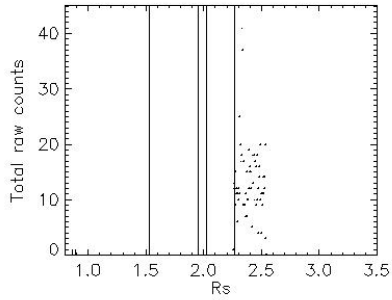
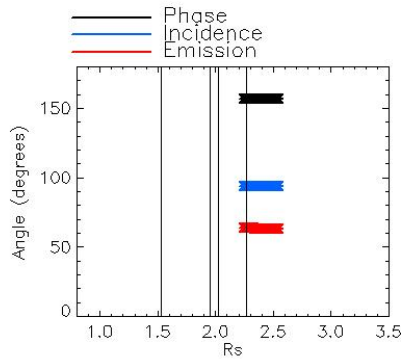
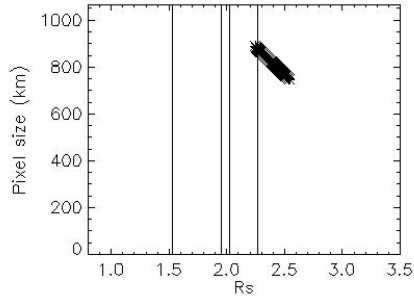
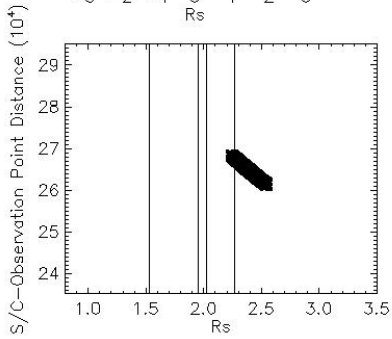


Observation Name:
UMS_094RLTDIFN20HP001_CIRS

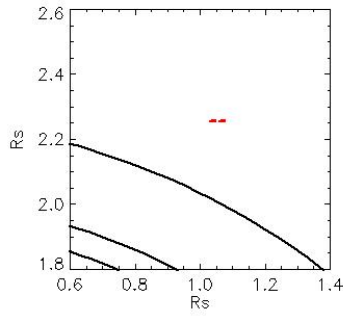
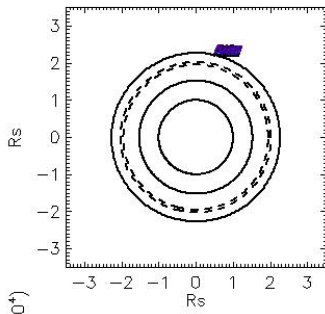
Observation Date:
2008_329_06_09_51

Observation Duration:
60 S

Integration time = 60 S



— Phase
— Incidence
— Emission

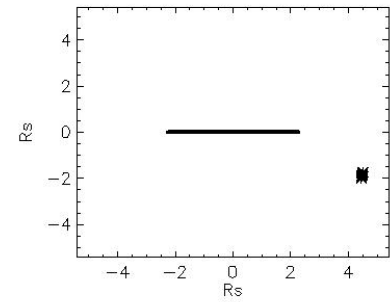
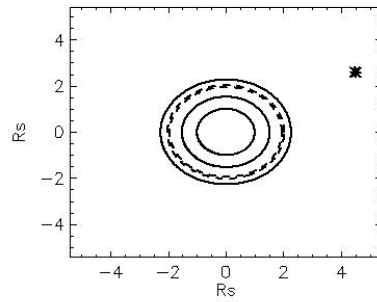
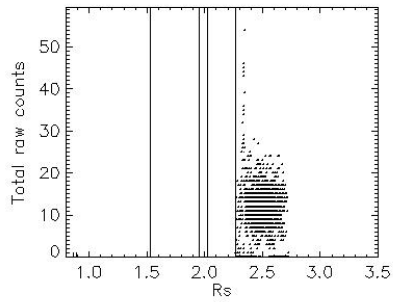
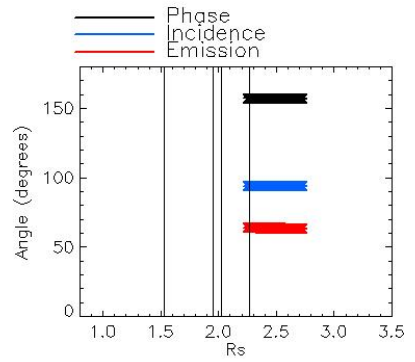
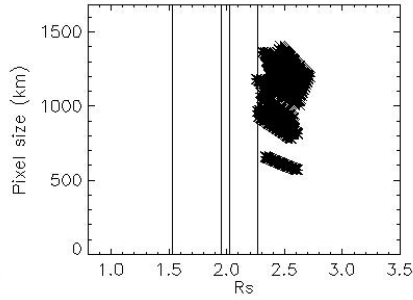
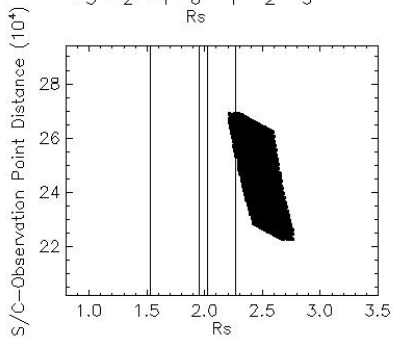


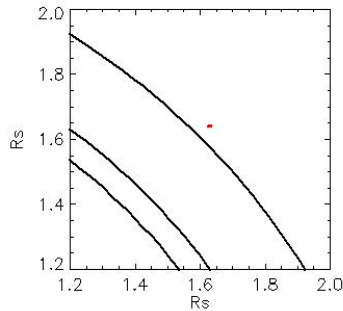
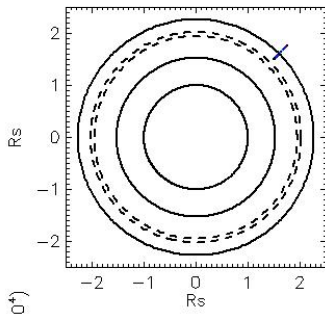
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_06_10_51

Observation Duration:
1320 S

Integration time = 60 S



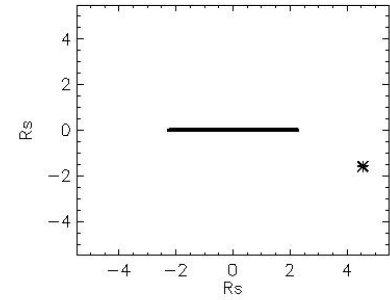
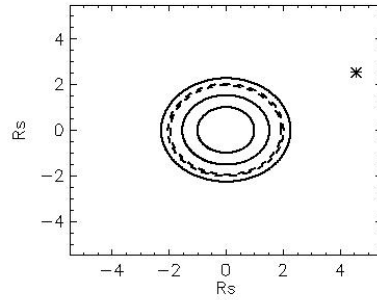
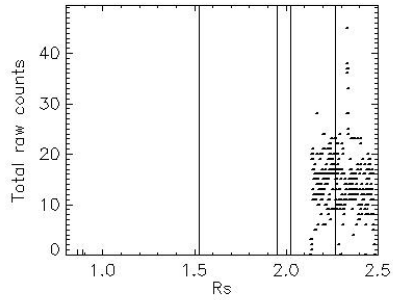
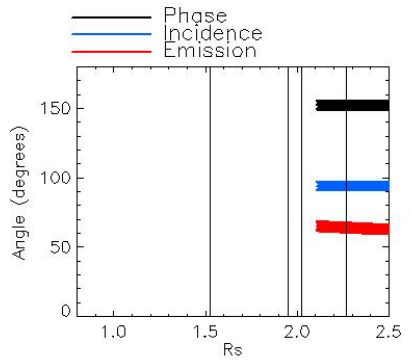
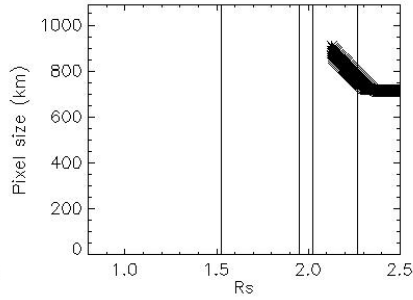
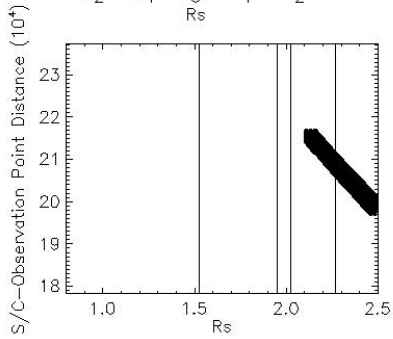


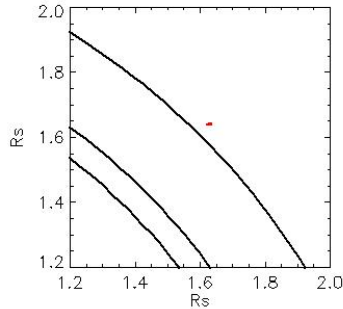
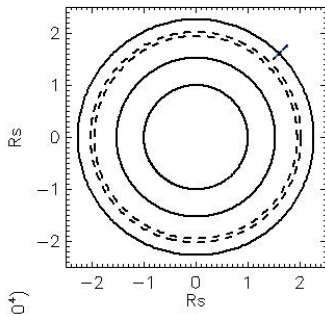
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_06_42_51

Observation Duration:
300 S

Integration time = 60 S



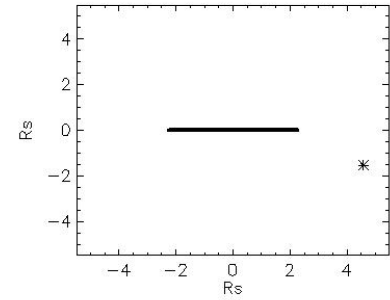
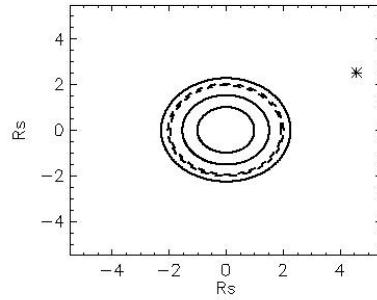
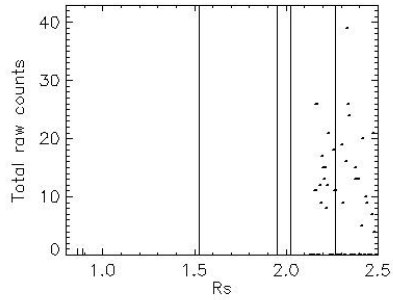
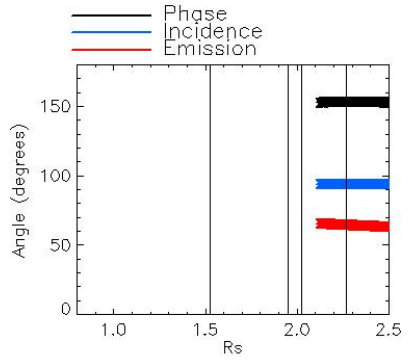
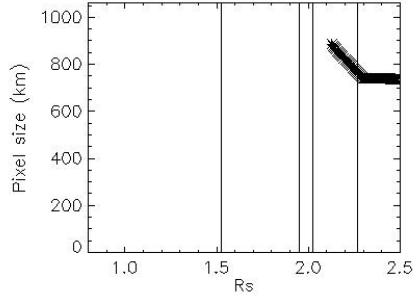
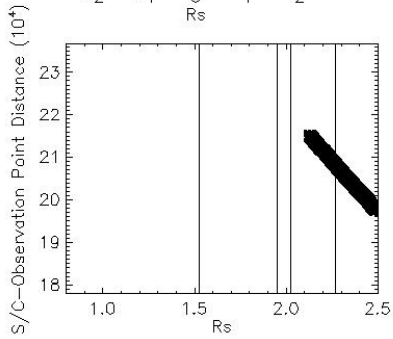


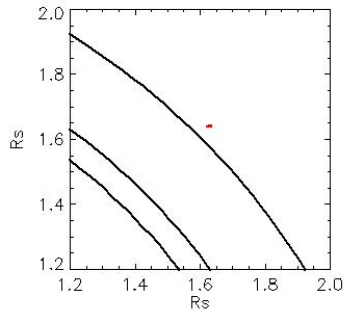
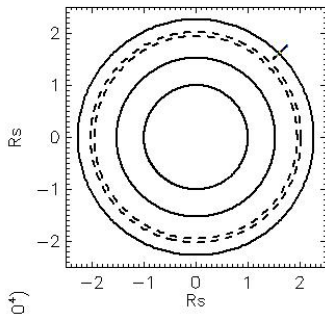
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_06_47_51

Observation Duration:
60 S

Integration time = 60 S



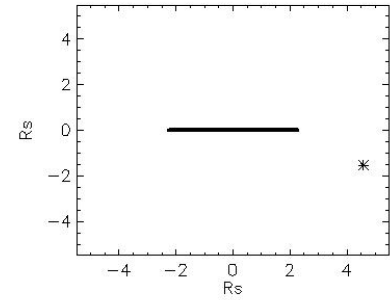
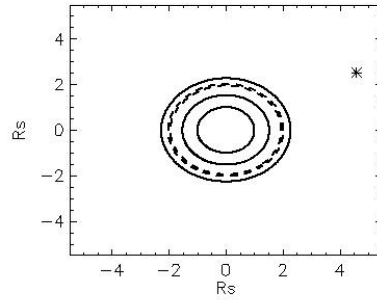
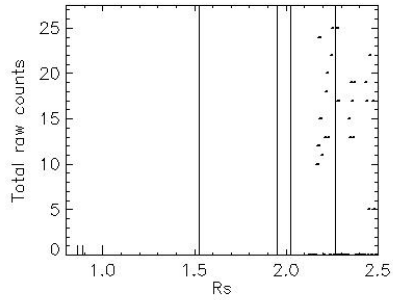
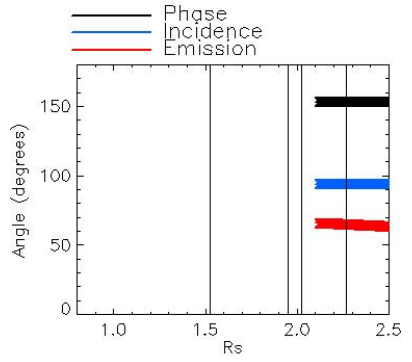
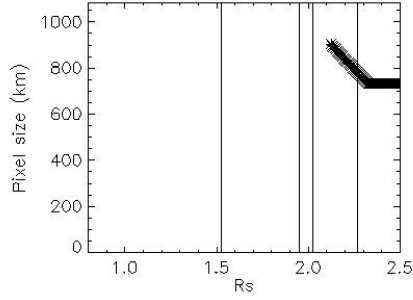
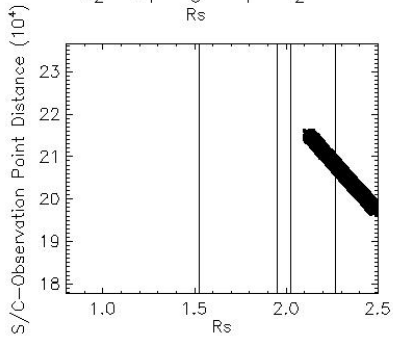


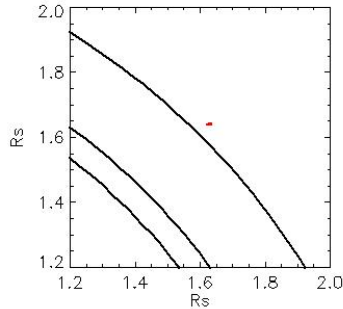
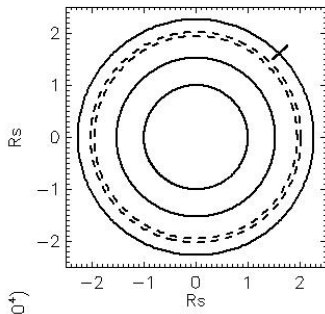
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_06_48_51

Observation Duration:
60 S

Integration time = 60 S



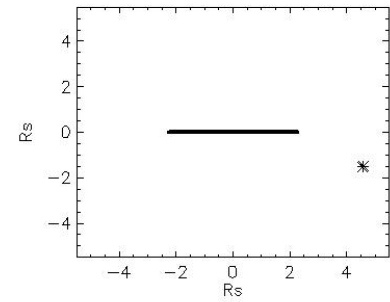
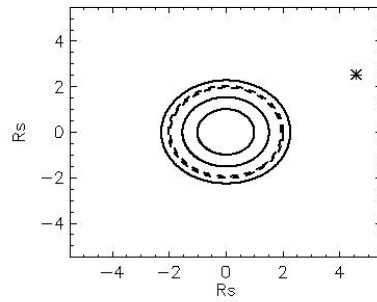
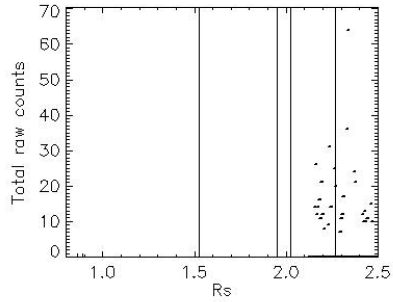
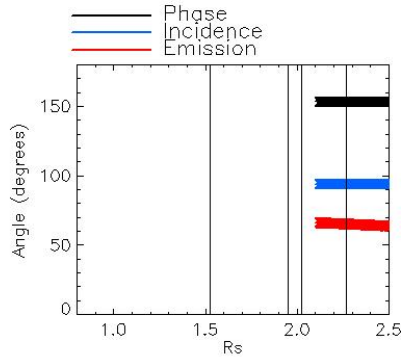
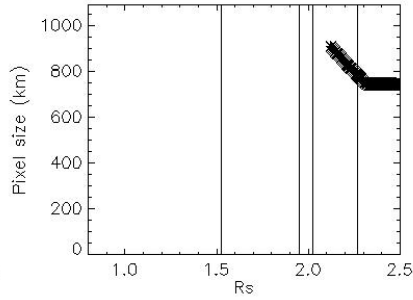
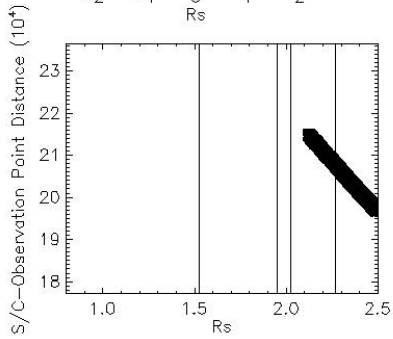


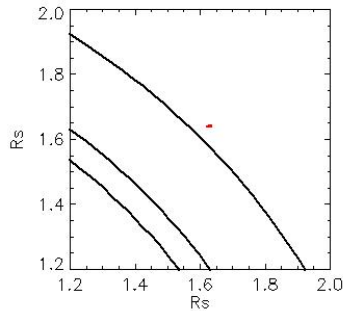
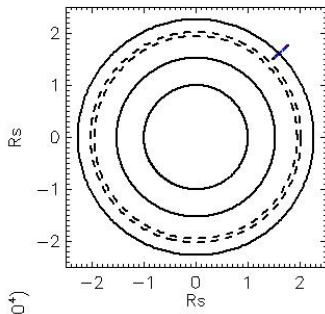
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_06_49_51

Observation Duration:
120 S

Integration time = 60 S



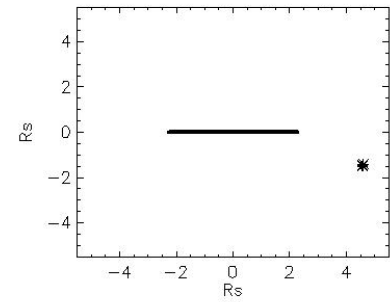
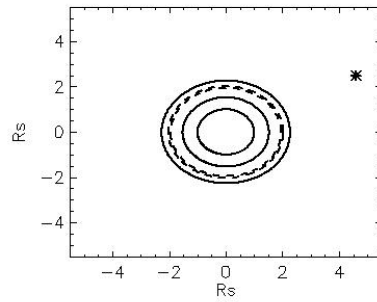
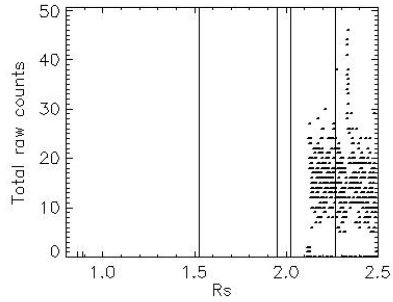
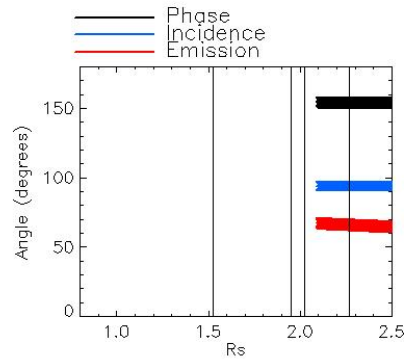
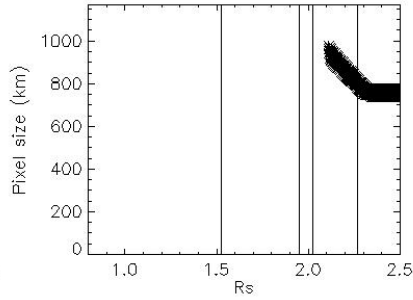
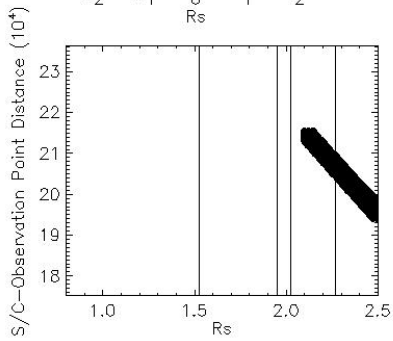


Observation Name:
UMS_094RLTDIFN20HP001_CIRS

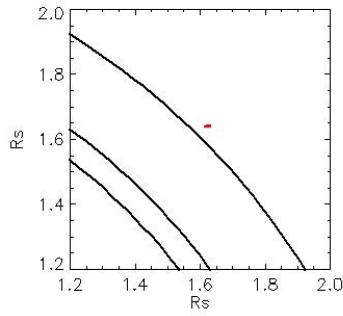
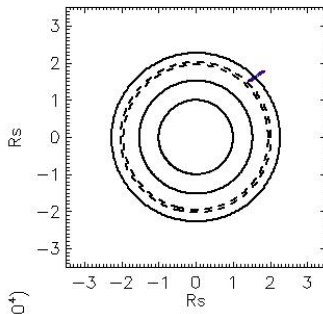
Observation Date:
2008_329_06_50_51

Observation Duration:
480 S

Integration time = 60 S



— Phase
— Incidence
— Emission

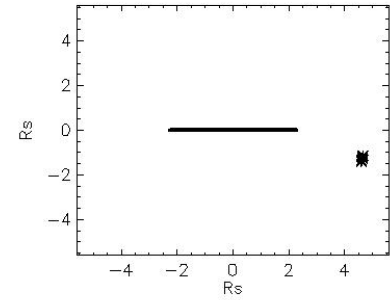
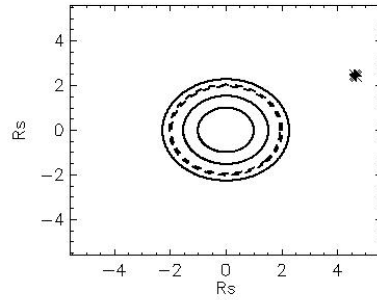
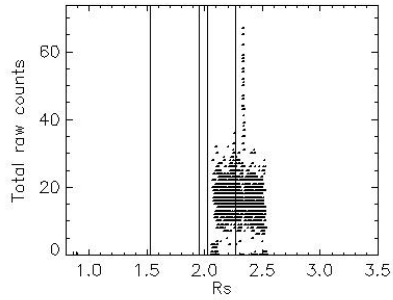
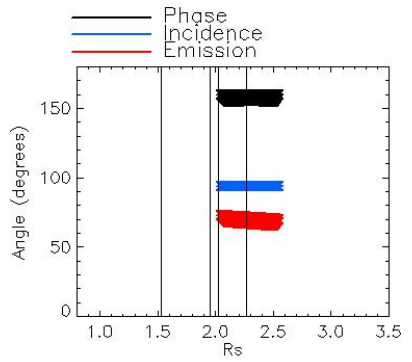
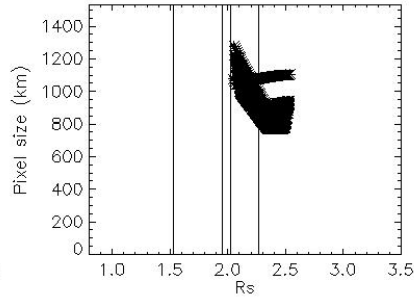
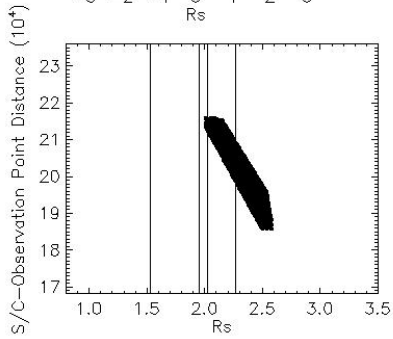


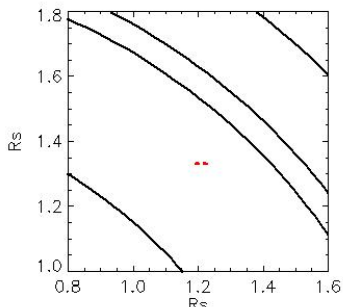
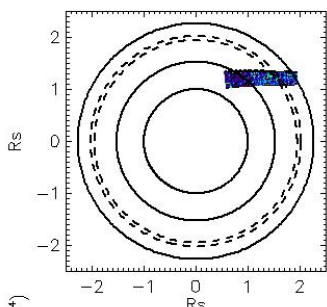
Observation Name:
UMS_094RLTDIFN20HP001_CIRS

Observation Date:
2008_329_06_58_51

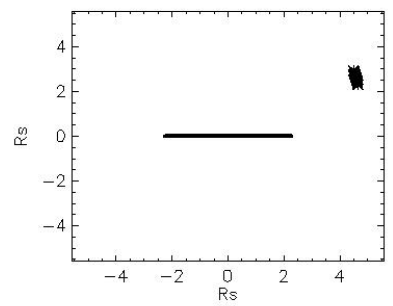
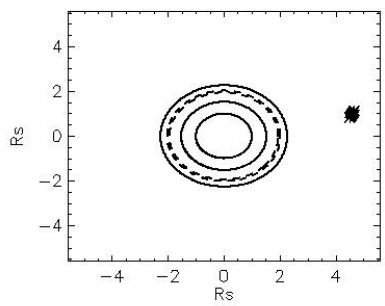
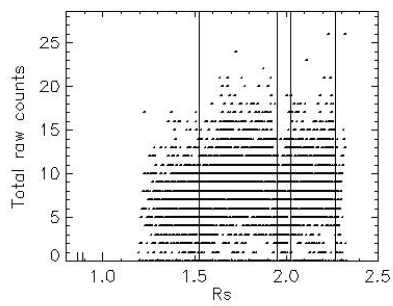
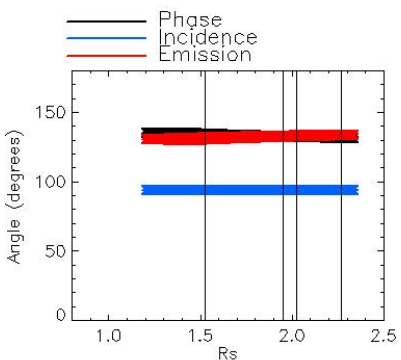
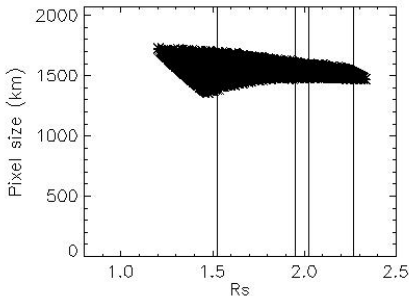
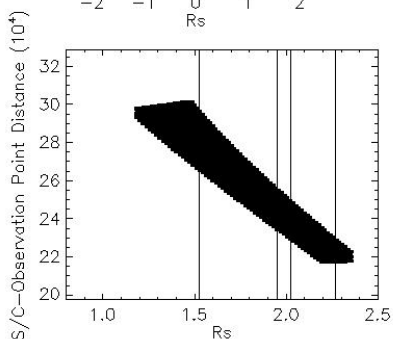
Observation Duration:
1440 S

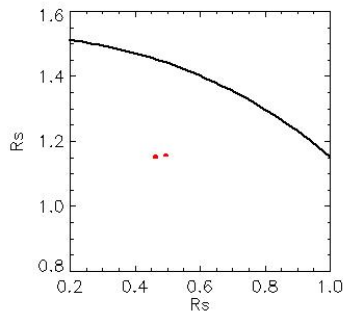
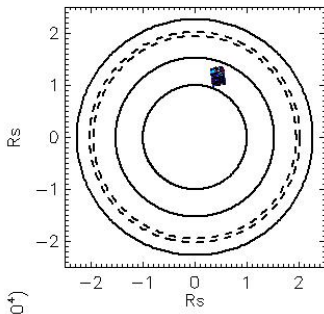
Integration time = 60 S





Observation Name:
 UVS_094RLTDIFS45HP001_CIRS
 Observation Date:
 2008_329_12_01_51
 Observation Duration:
 3480 S
 Integration time = 60 S



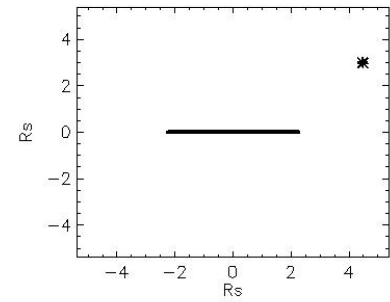
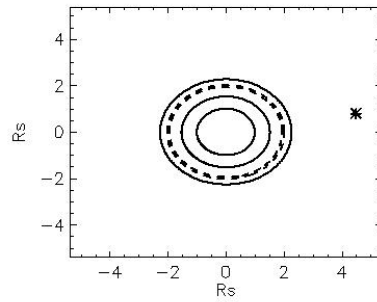
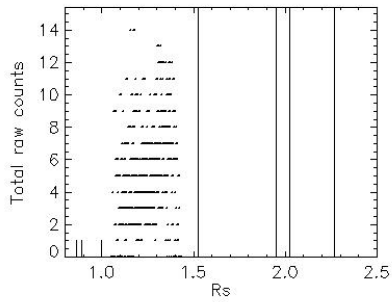
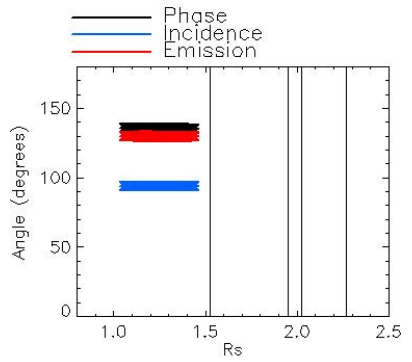
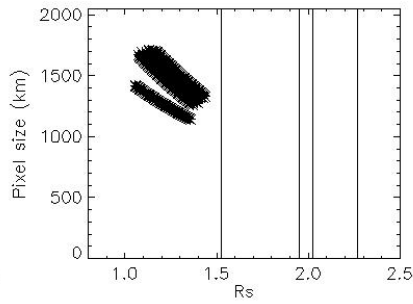
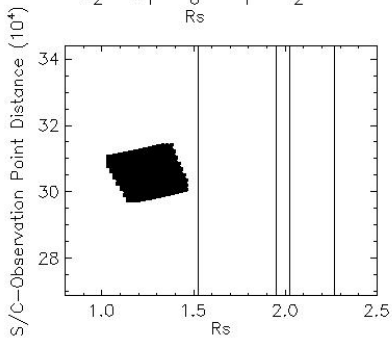


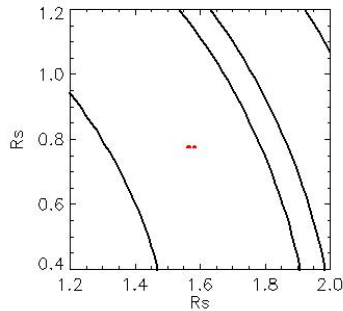
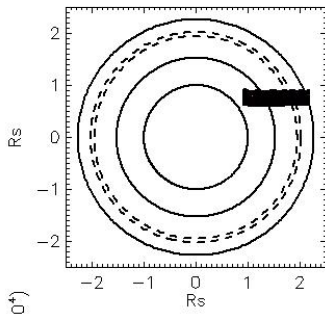
Observation Name:
UMS_094RLTDIFS45HP001_CIRS

Observation Date:
2008_329_12_59_51

Observation Duration:
480 S

Integration time = 60 S



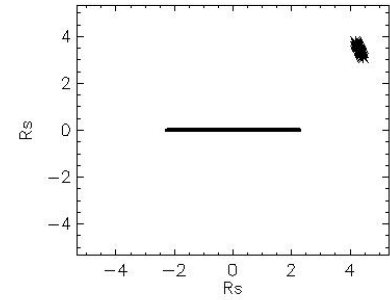
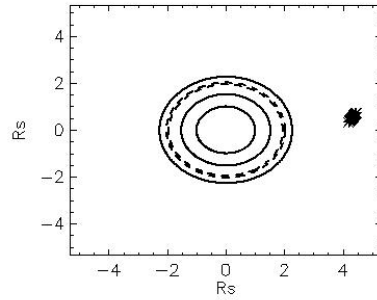
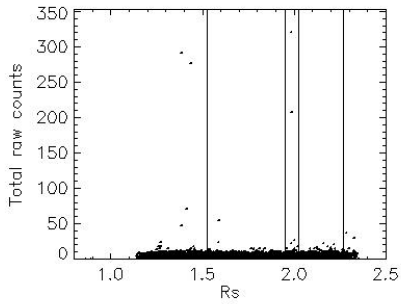
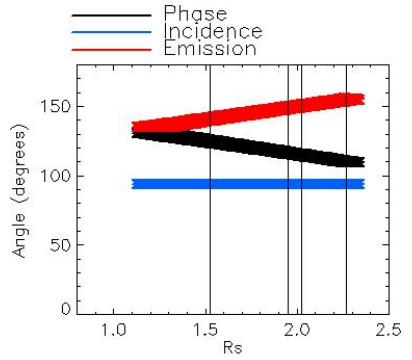
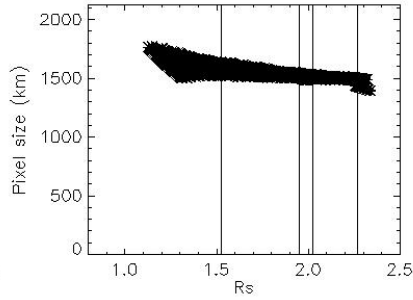
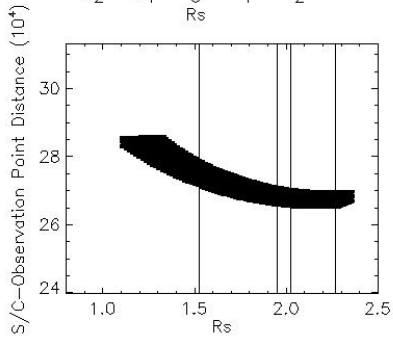


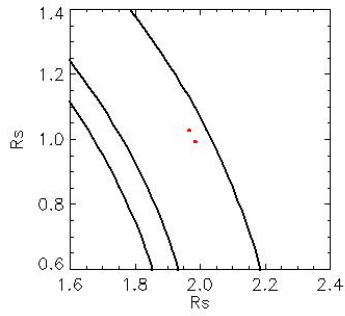
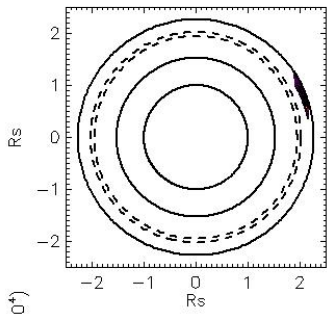
Observation Name:
UMS_094RLTDIFS45HP001_CIRS

Observation Date:
2008_329_13_11_51

Observation Duration:
3960 S

Integration time = 60 S



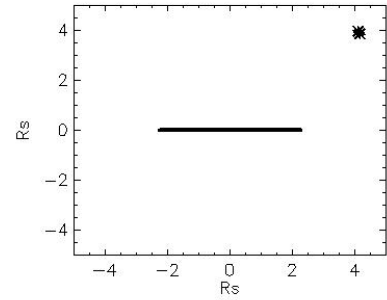
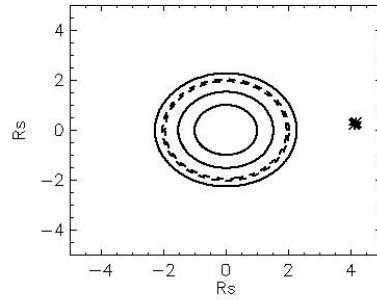
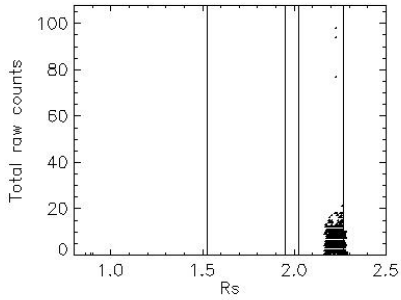
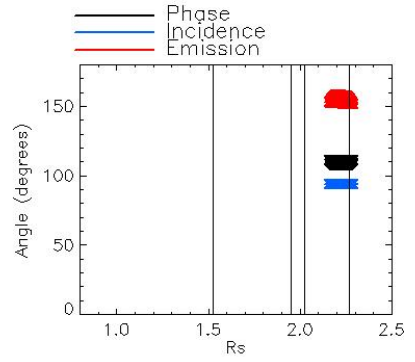
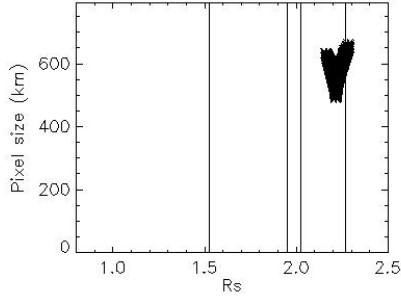
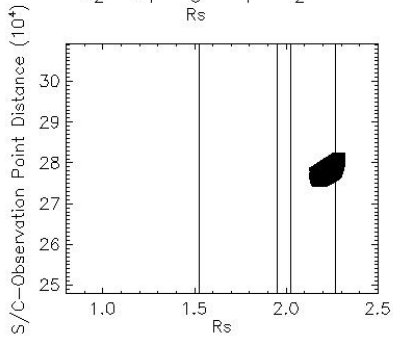


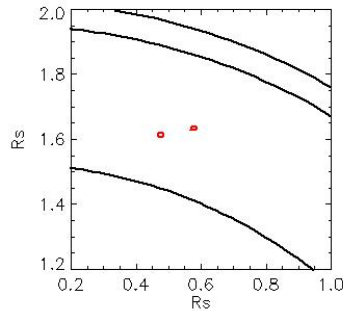
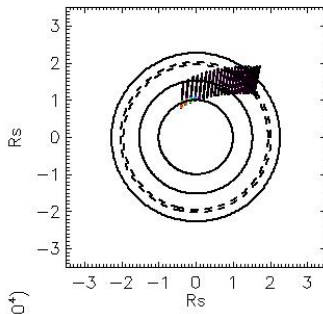
Observation Name:
UMS_094RLTDIFS45HP001_CIRS

Observation Date:
2008_329_14_22_51

Observation Duration:
1020 S

Integration time = 60 S



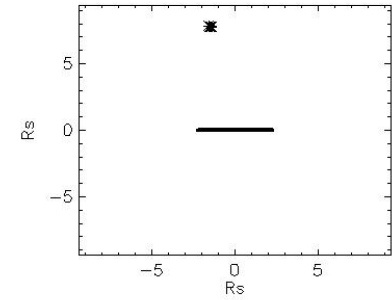
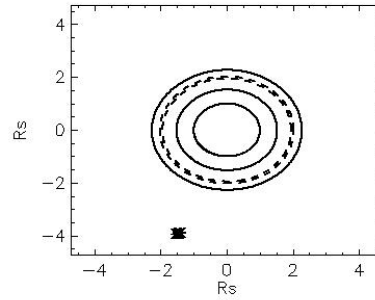
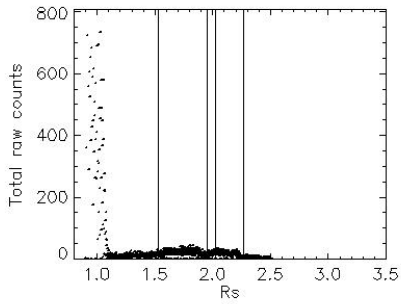
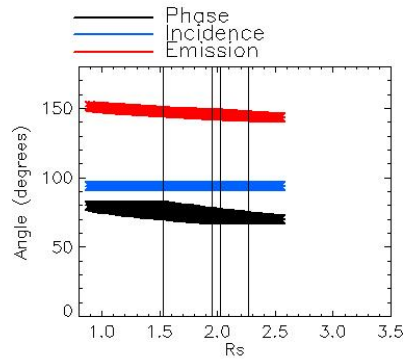
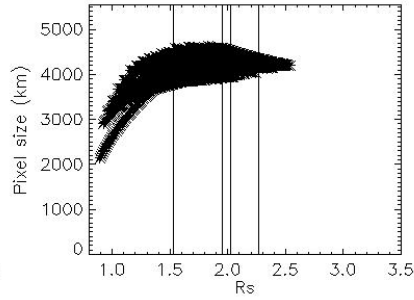
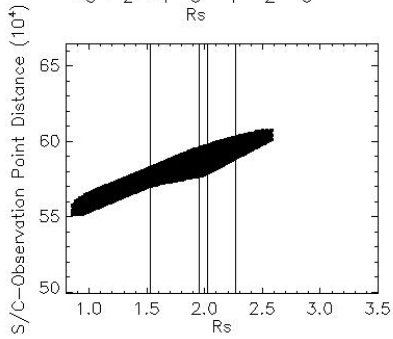


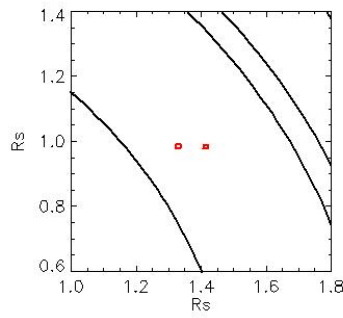
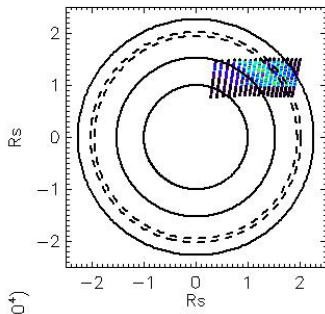
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_01_30_51

Observation Duration:
1260 S

Integration time = 60 S



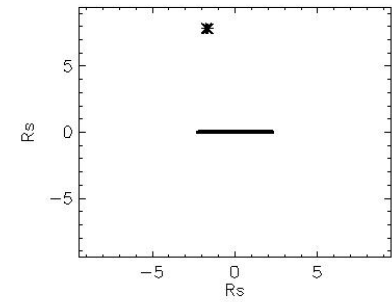
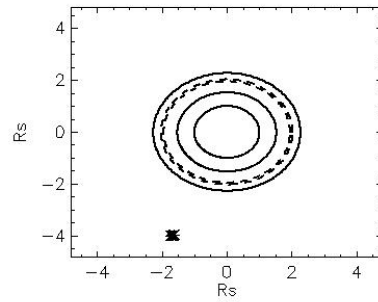
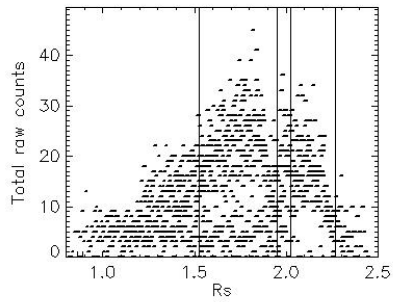
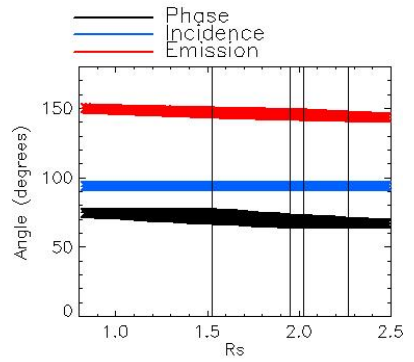
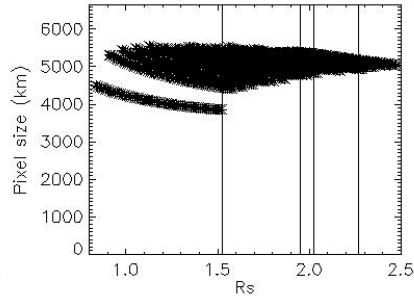
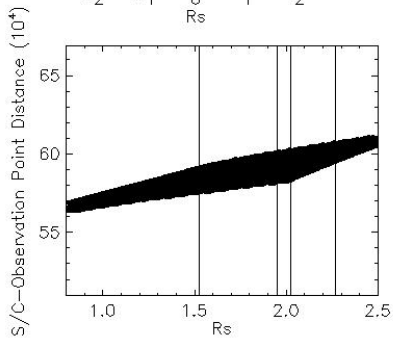


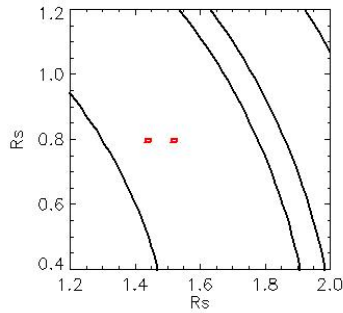
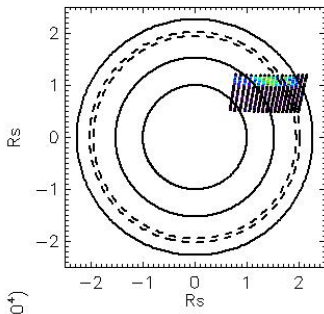
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_01_57_51

Observation Duration:
1020 S

Integration time = 60 S



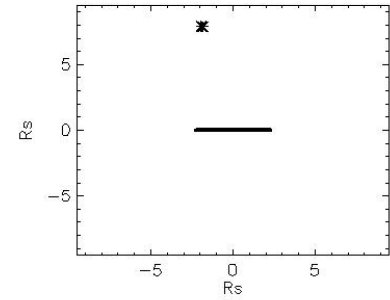
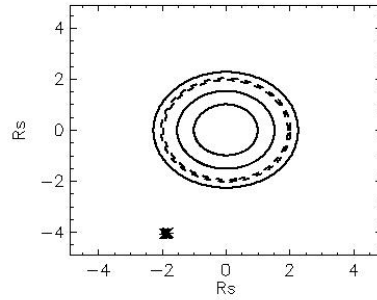
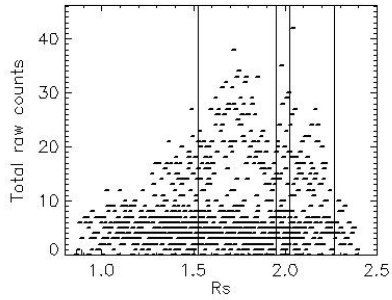
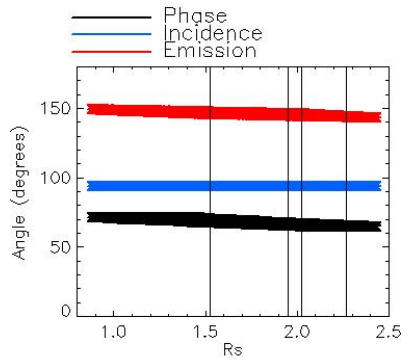
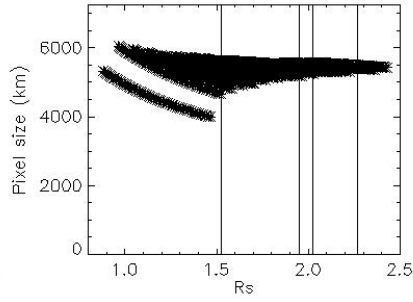
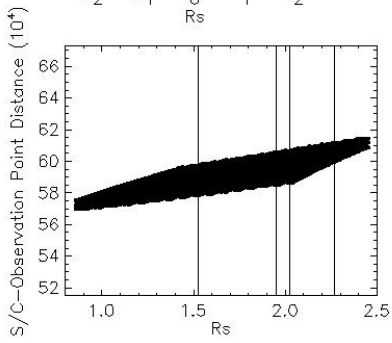


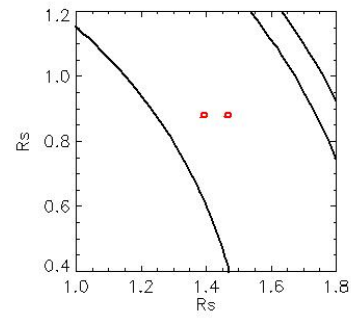
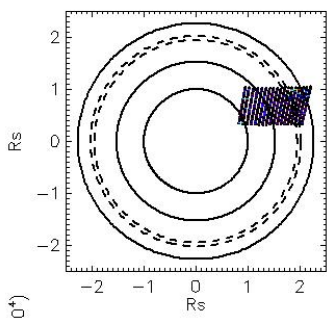
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_02_20_51

Observation Duration:
960 S

Integration time = 60 S



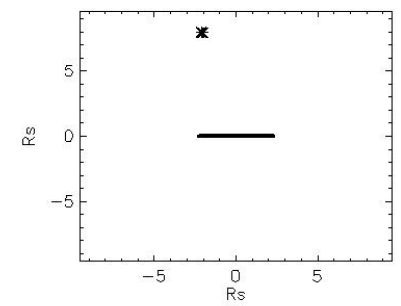
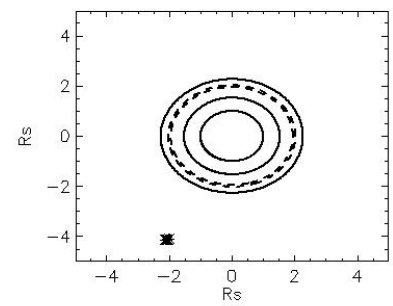
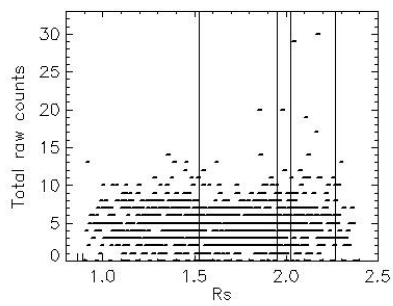
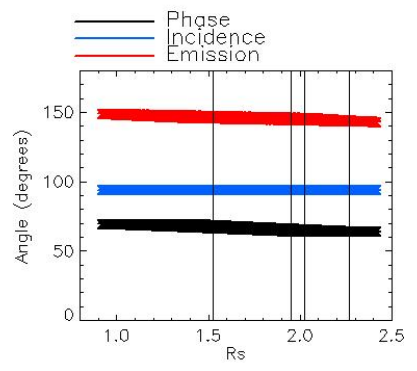
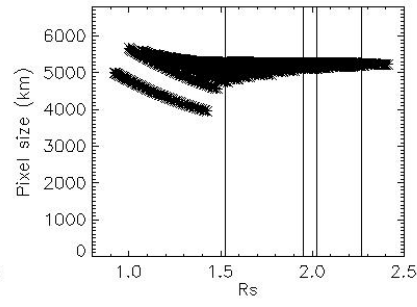
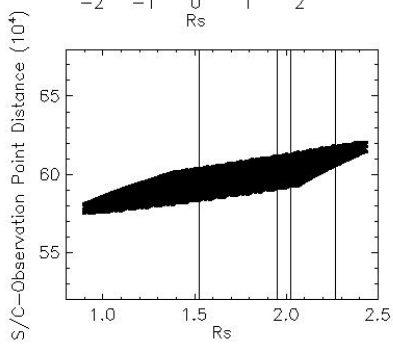


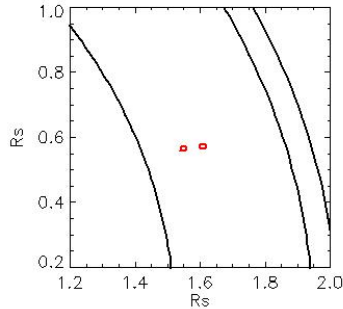
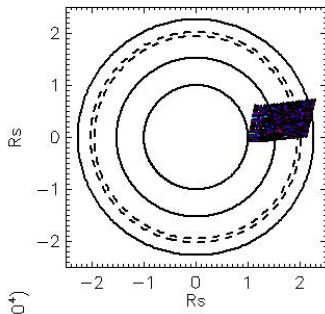
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_02_42_51

Observation Duration:
1020 S

Integration time = 60 S



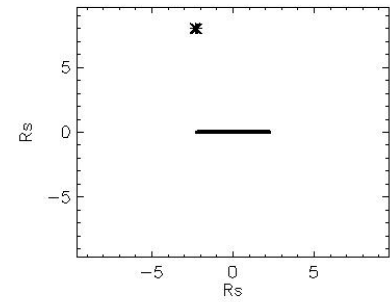
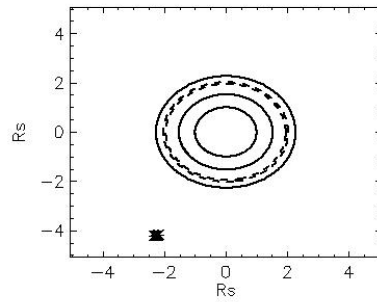
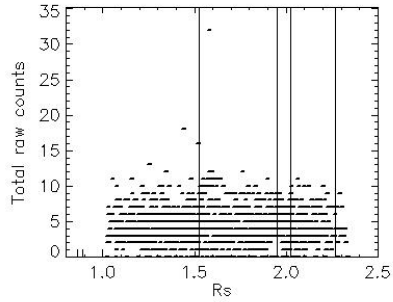
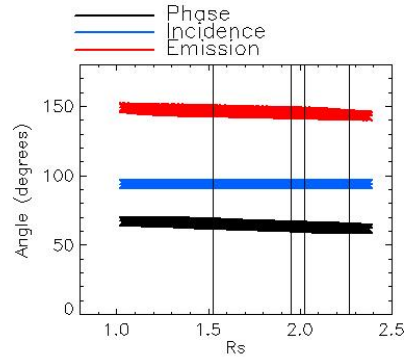
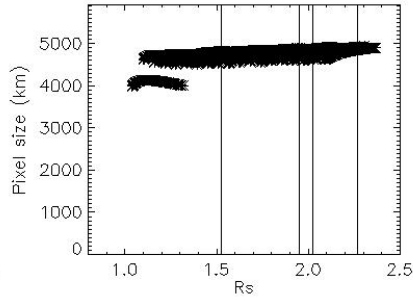
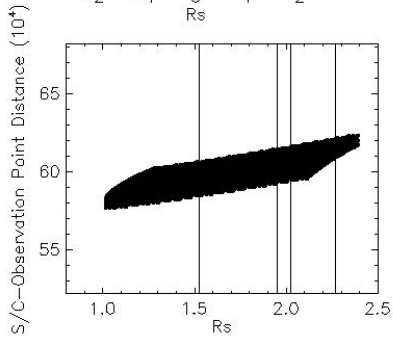


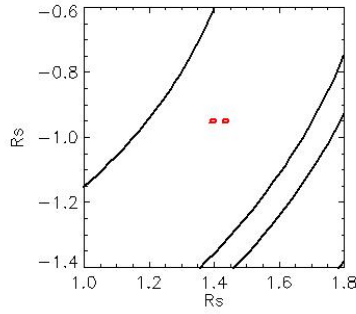
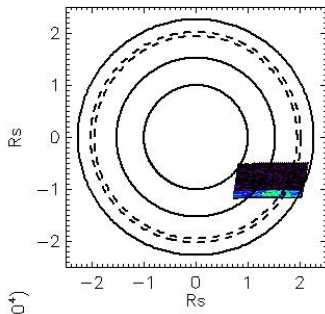
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_03_05_51

Observation Duration:
1140 S

Integration time = 60 S



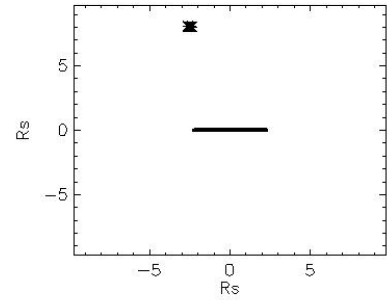
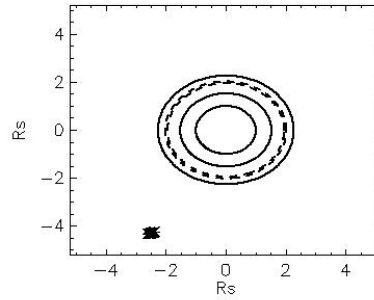
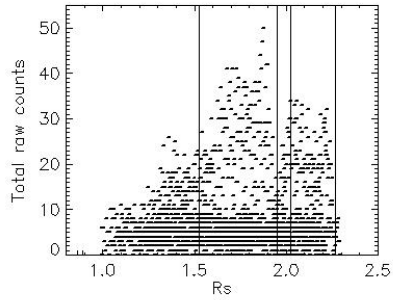
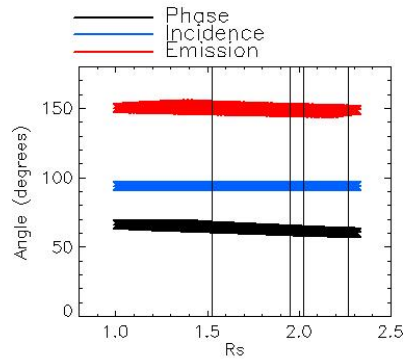
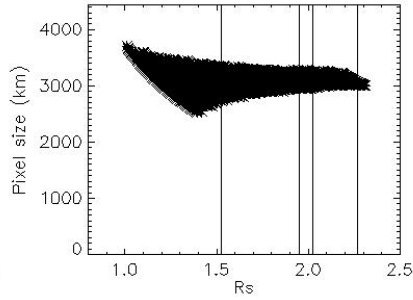
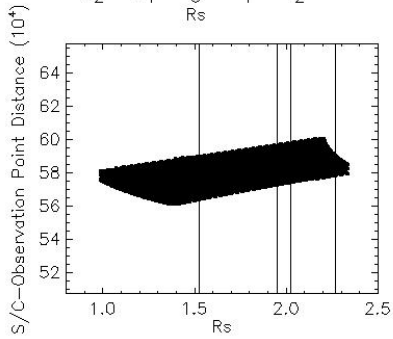


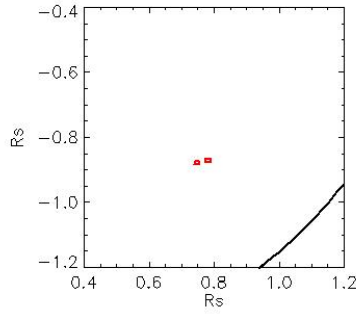
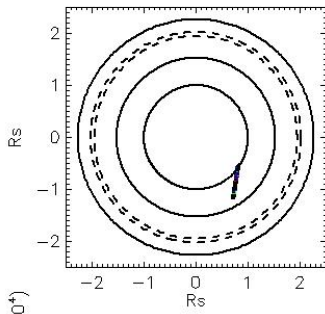
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_03_30_51

Observation Duration:
1860 S

Integration time = 60 S



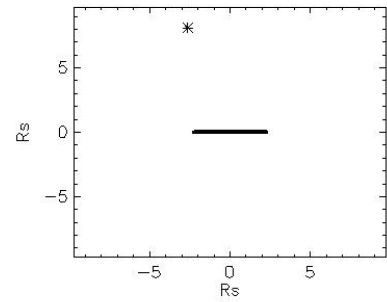
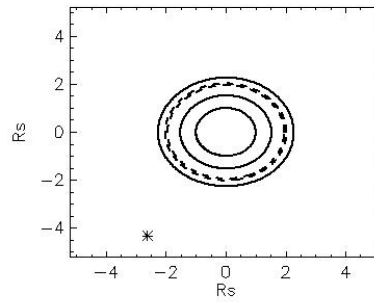
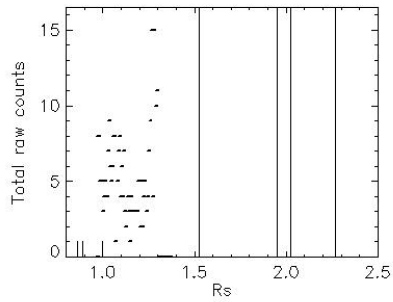
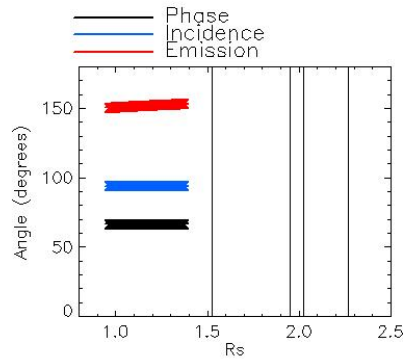
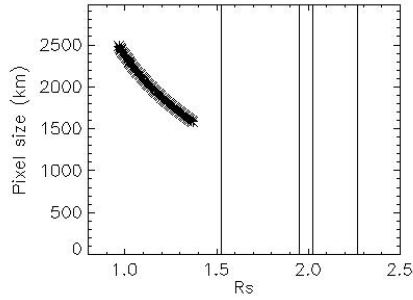
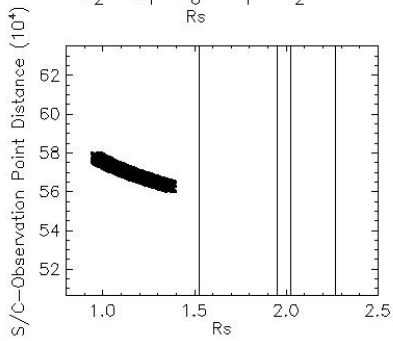


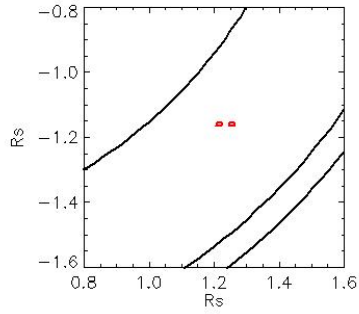
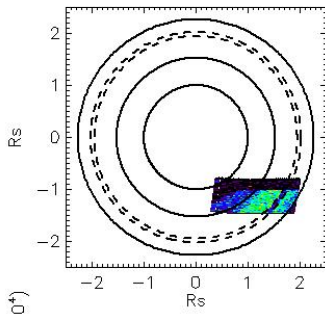
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_04_01_51

Observation Duration:
60 S

Integration time = 60 S



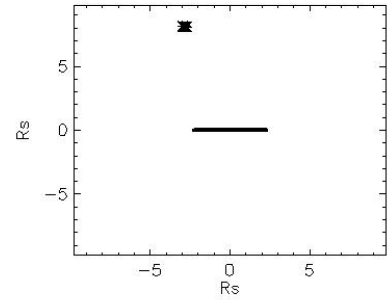
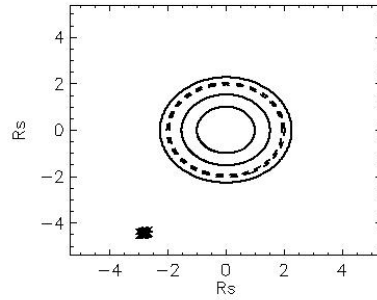
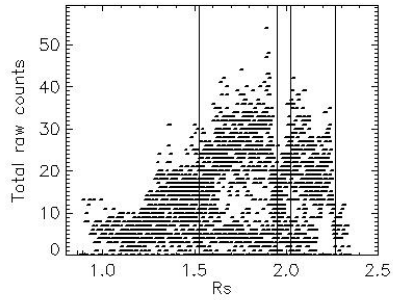
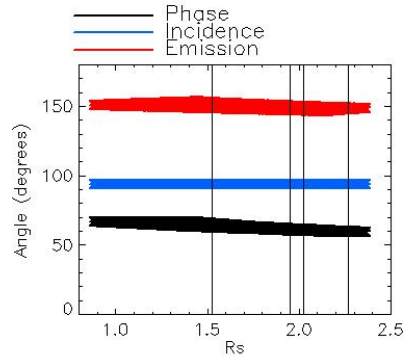
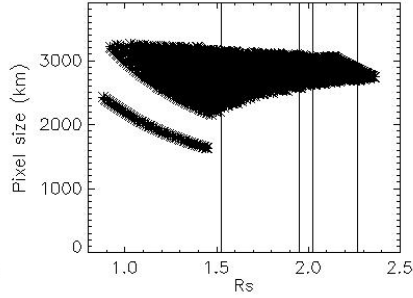
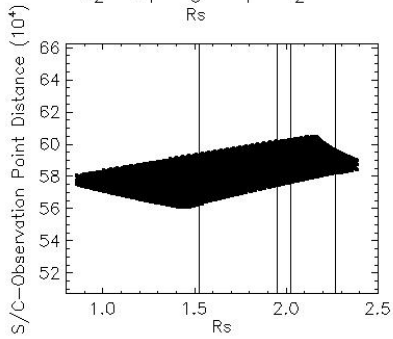


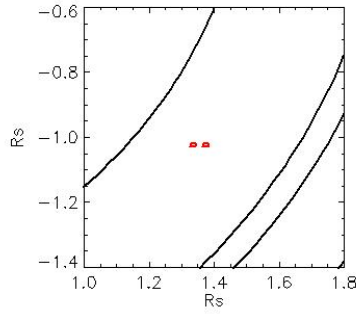
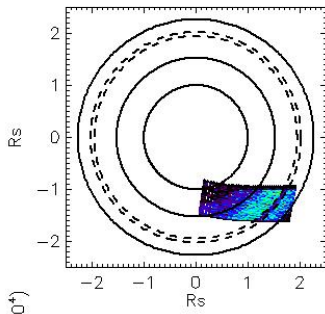
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_04_08_51

Observation Duration:
2220 S

Integration time = 60 S



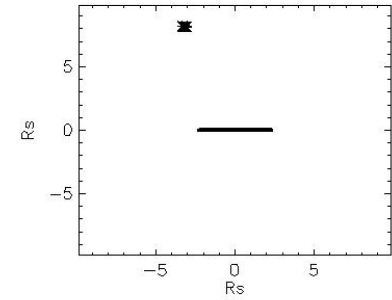
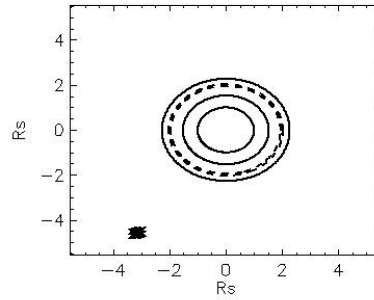
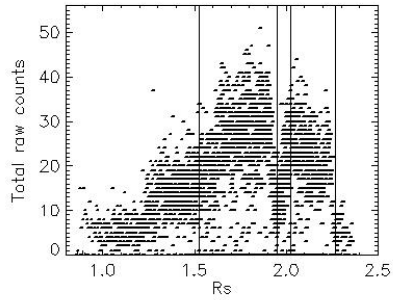
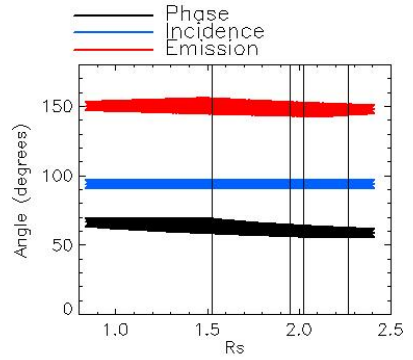
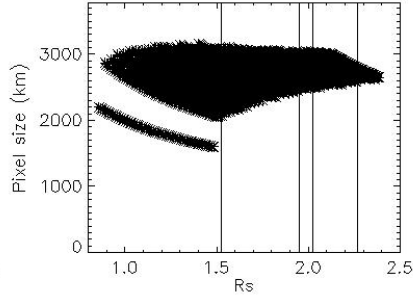
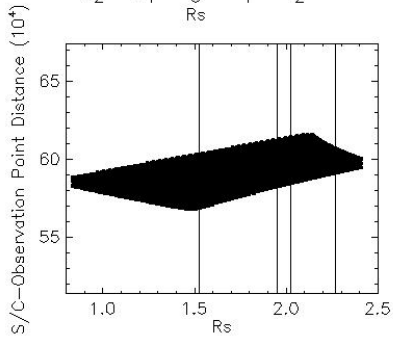


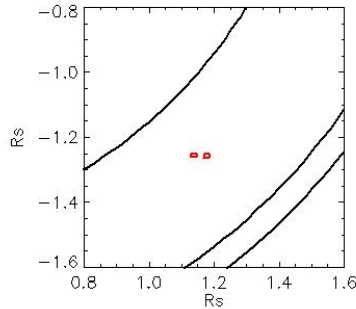
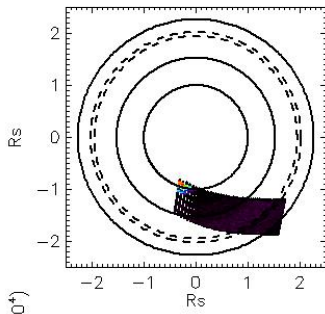
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_04_51_51

Observation Duration:
2340 S

Integration time = 60 S



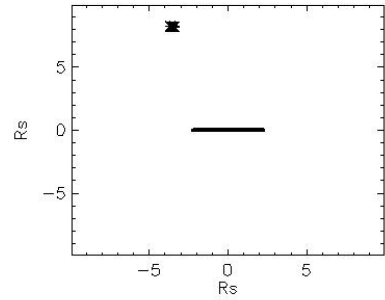
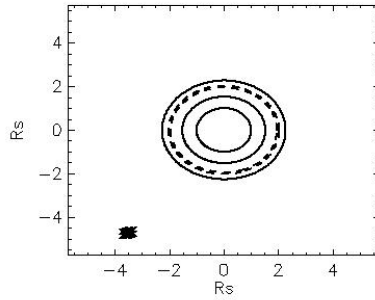
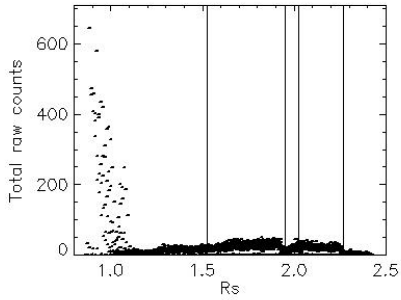
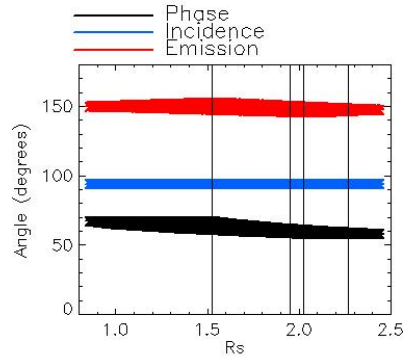
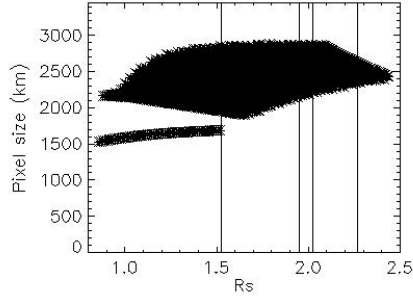
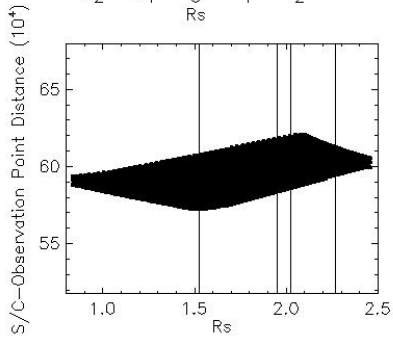


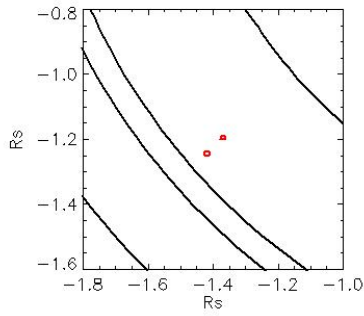
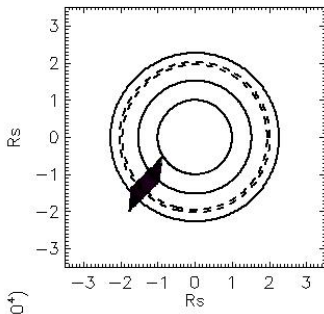
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_05_36_51

Observation Duration:
2640 S

Integration time = 60 S



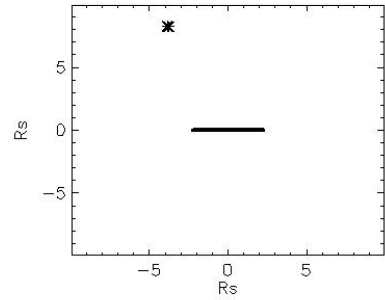
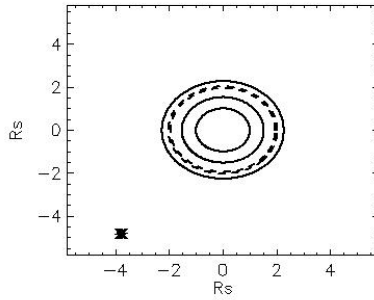
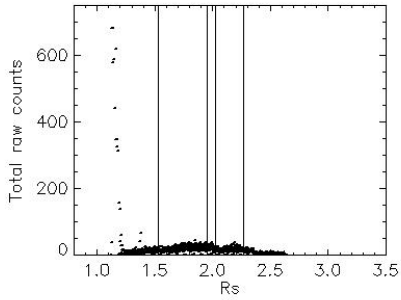
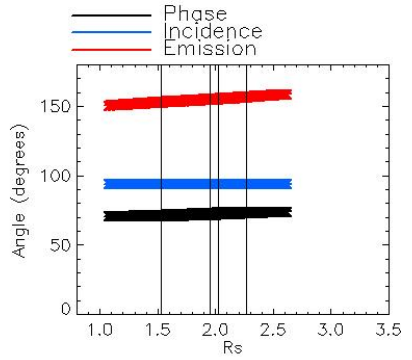
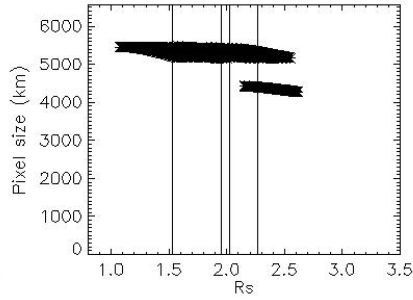
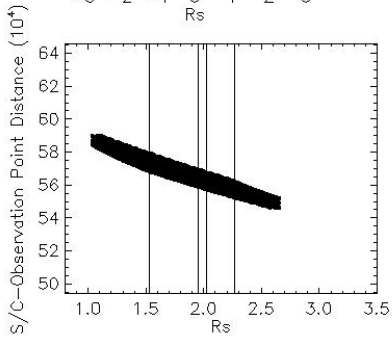


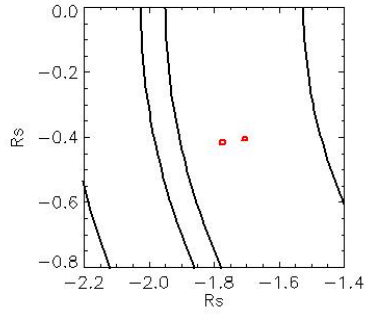
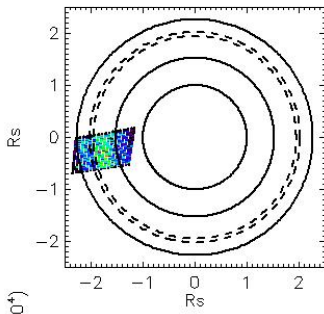
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_06_26_51

Observation Duration:
960 S

Integration time = 60 S



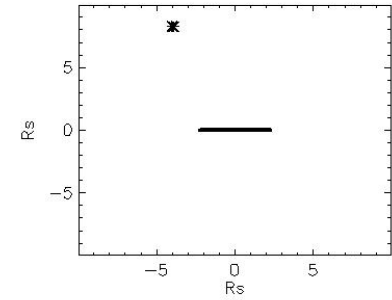
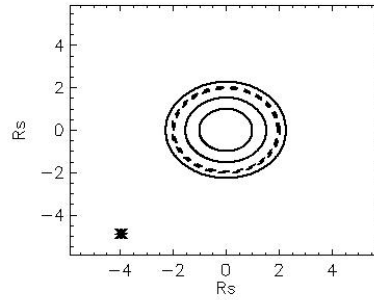
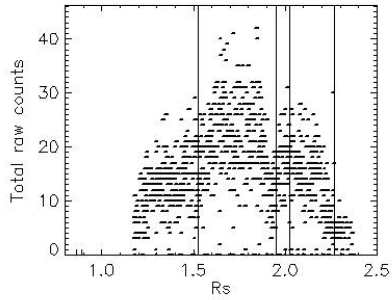
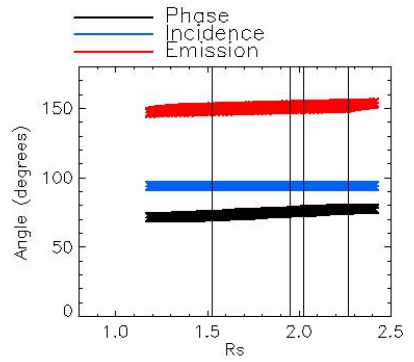
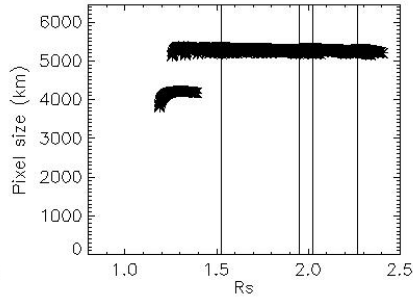
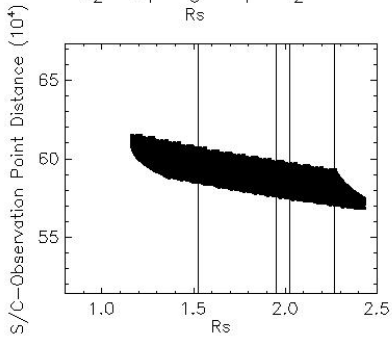


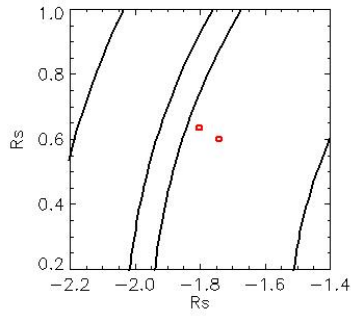
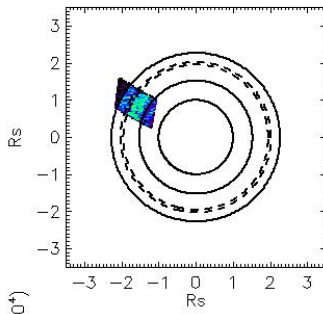
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_06_48_51

Observation Duration:
960 S

Integration time = 60 S



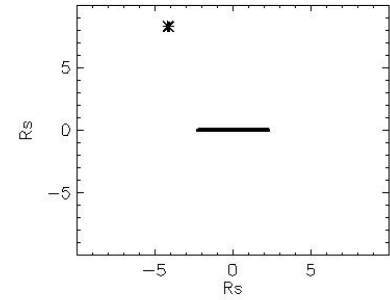
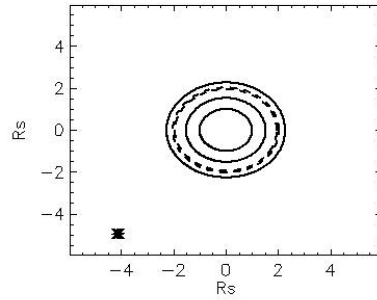
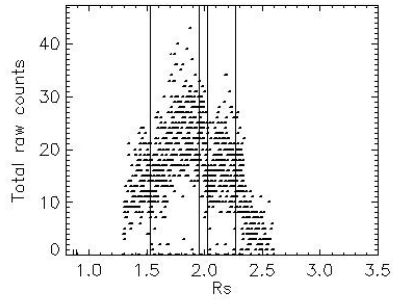
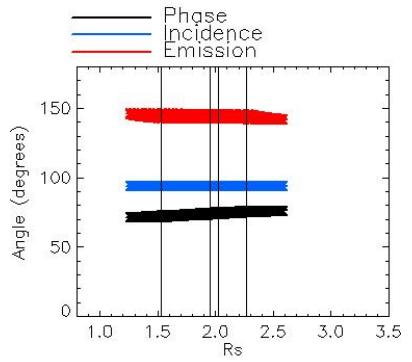
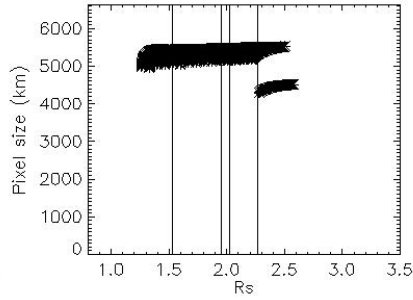
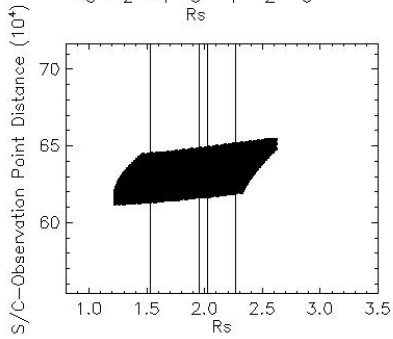


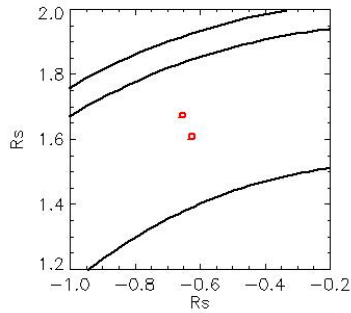
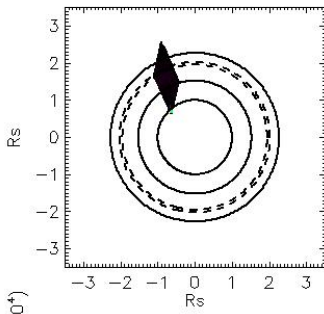
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_07_10_51

Observation Duration:
960 S

Integration time = 60 S



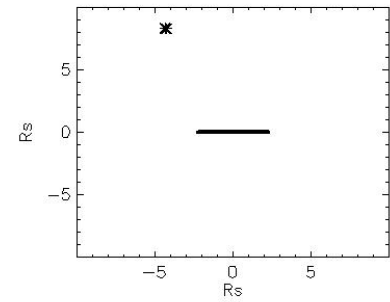
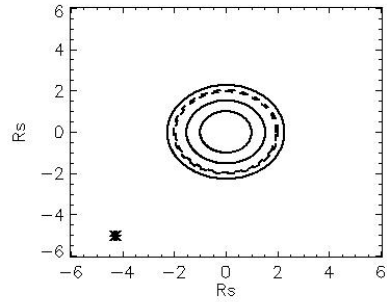
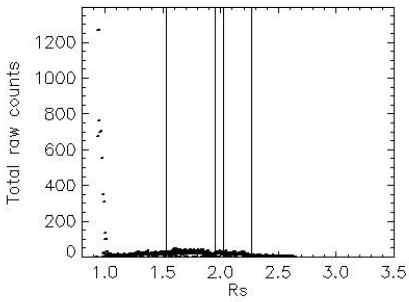
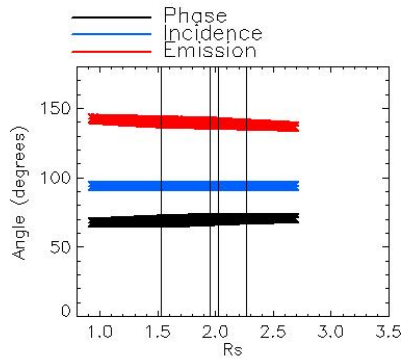
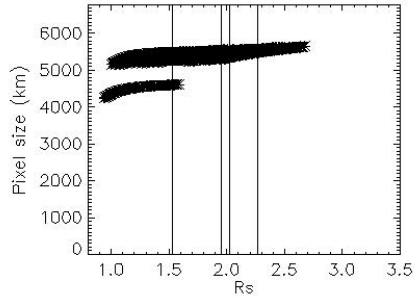
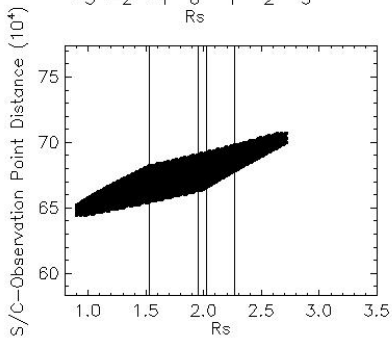


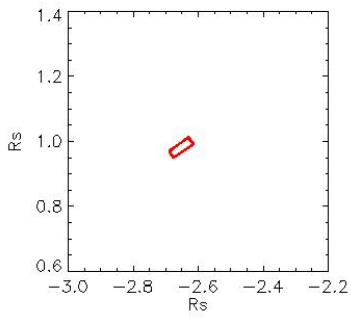
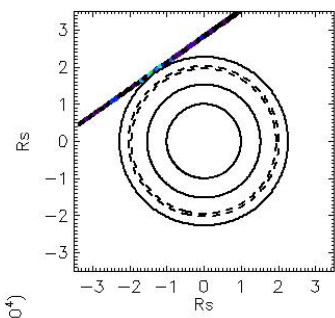
Observation Name:
UVIS_094RLTMAPS45001_CIRS

Observation Date:
2008_330_07_32_51

Observation Duration:
960 S

Integration time = 60 S



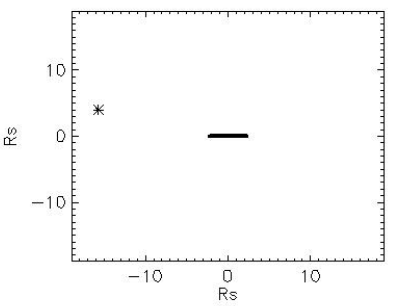
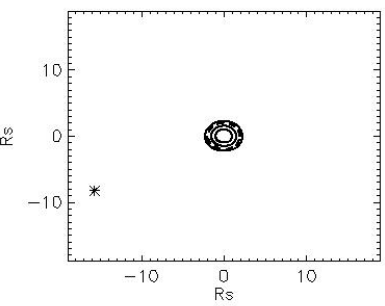
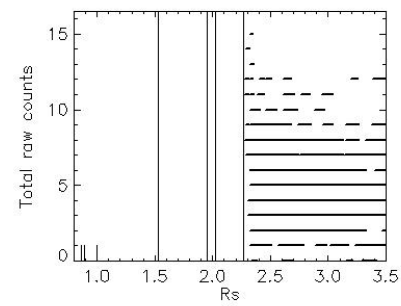
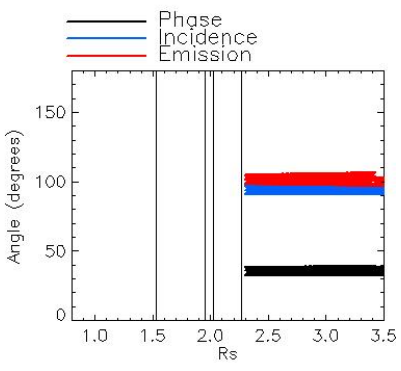
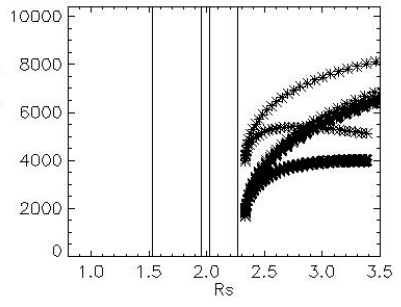
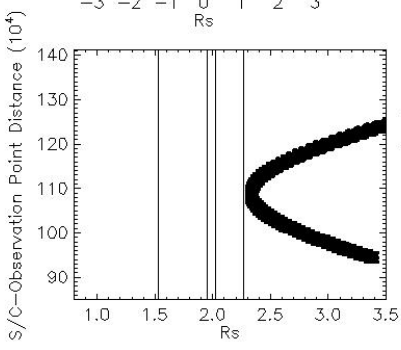


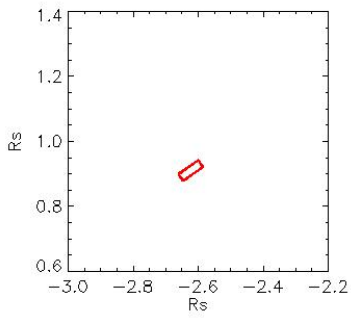
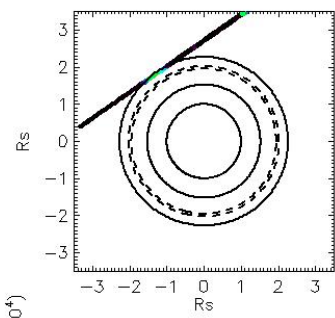
Observation Name:
UVS_094RLRADMLPLF001_ISS

Observation Date:
2008_331_21_36_22

Observation Duration:
900 S

Integration time = 60 S



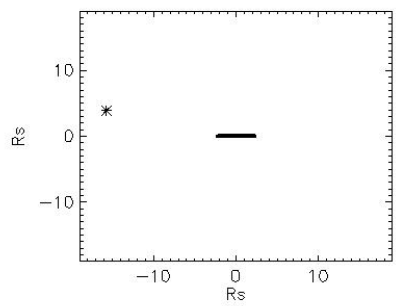
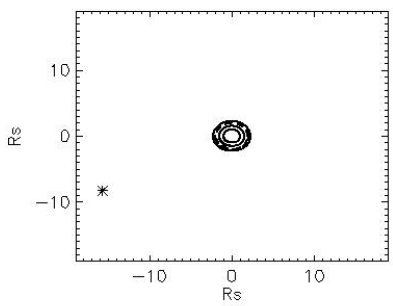
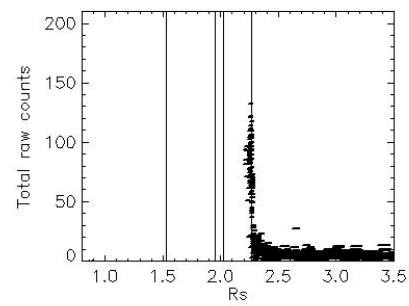
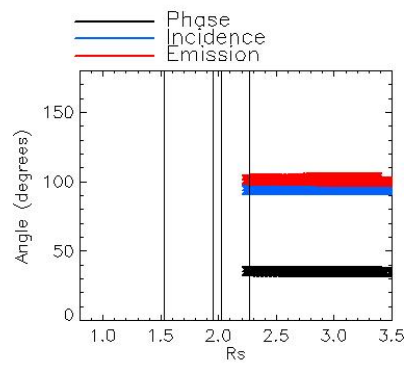
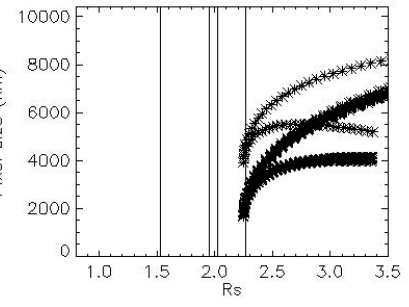
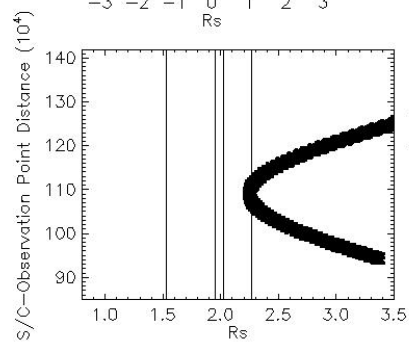


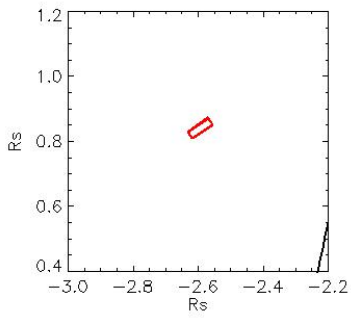
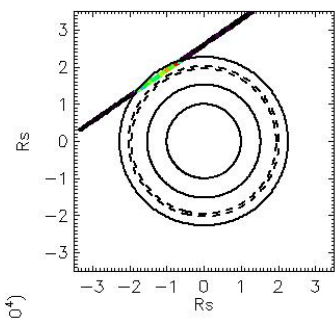
Observation Name:
UMS_094RLRADMLPLF001_ISS

Observation Date:
2008_331_21_52_03

Observation Duration:
900 S

Integration time = 60 S



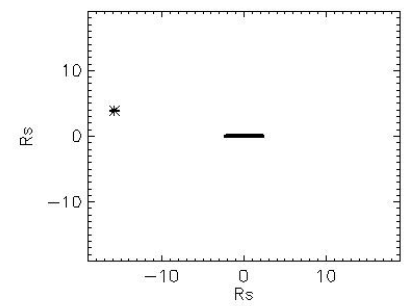
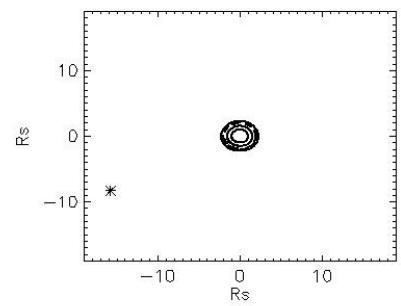
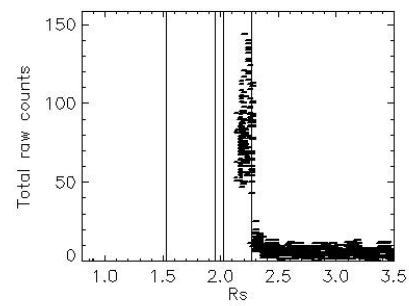
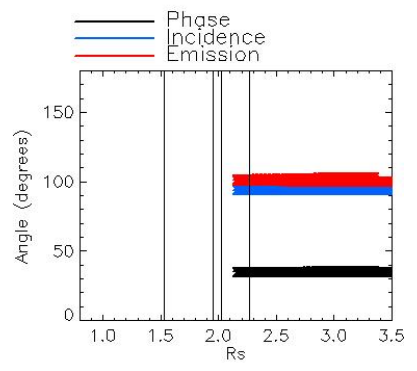
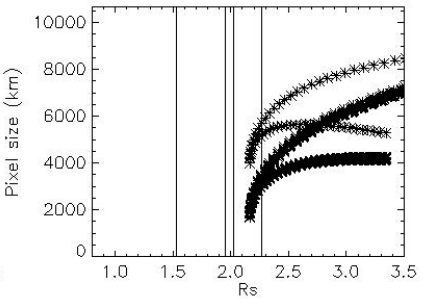
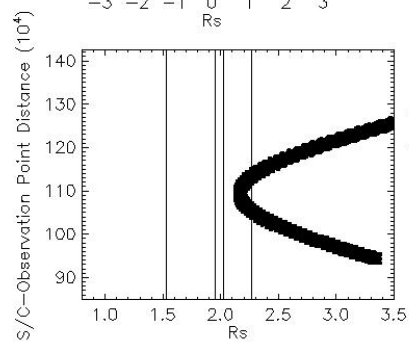


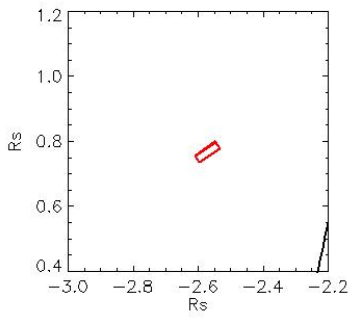
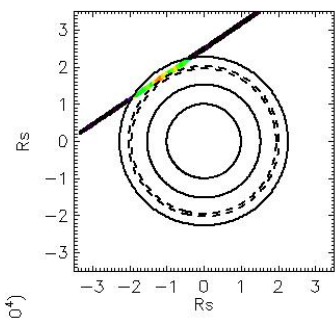
Observation Name:
UMS_094RLRADMLPLF001_ISS

Observation Date:
2008_331_22_07_44

Observation Duration:
900 S

Integration time = 60 S





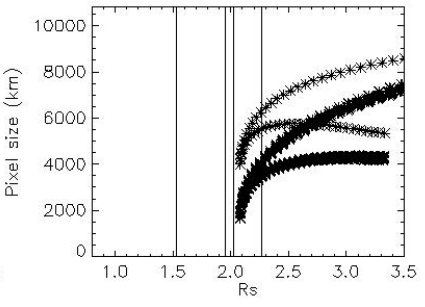
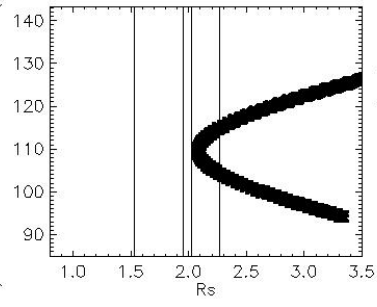
Observation Name:
UMS_094RLRADMLPLF001_ISS

Observation Date:
2008_331_22_23_25

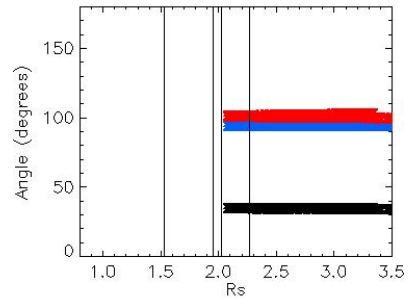
Observation Duration:
900 S

Integration time = 60 S

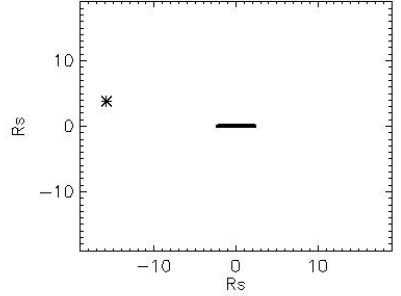
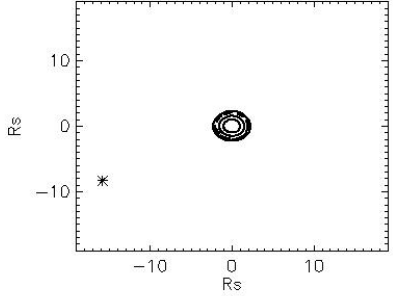
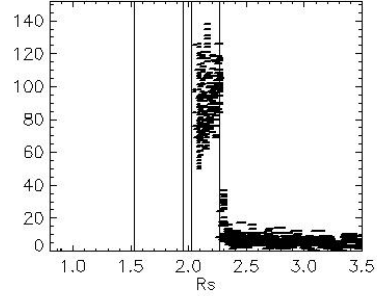
S/C—Observation Point Distance (10^4)

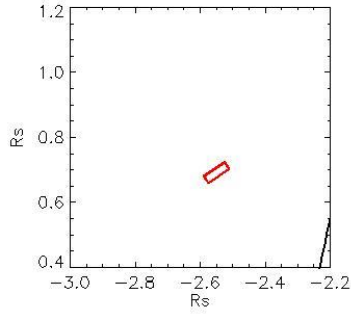
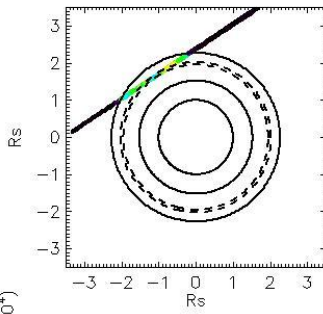


— Phase
— Incidence
— Emission



Total raw counts





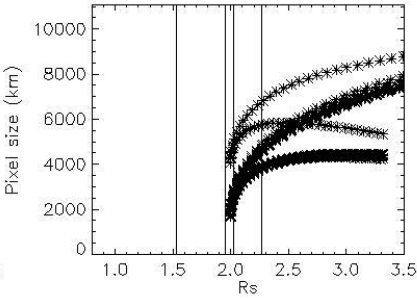
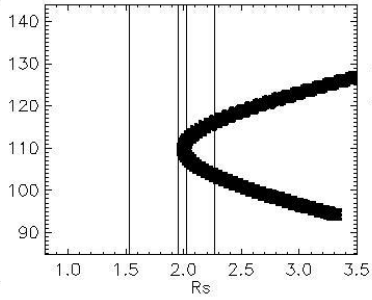
Observation Name:
UMS_094RLRADMLPLF001_ISS

Observation Date:
2008_331_22_39_06

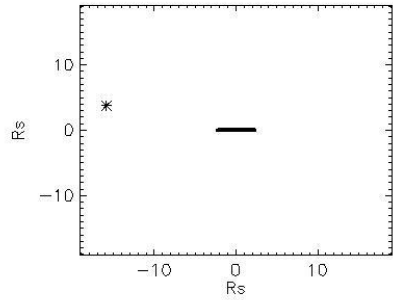
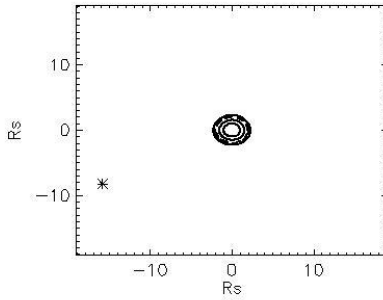
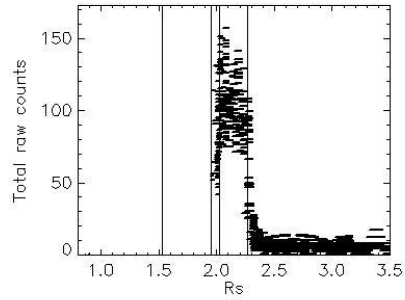
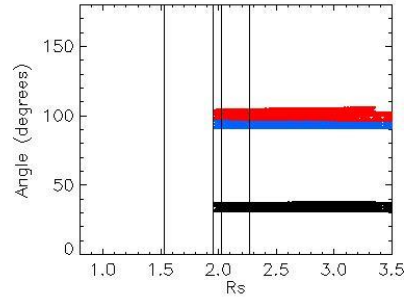
Observation Duration:
900 S

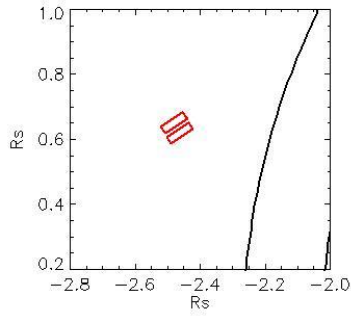
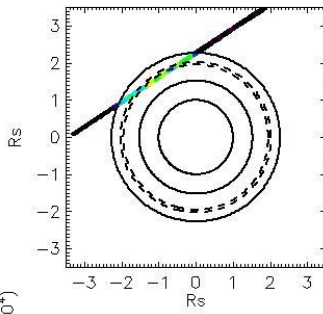
Integration time = 60 S

S/C—Observation Point Distance (10^4)



— Phase
— Incidence
— Emission





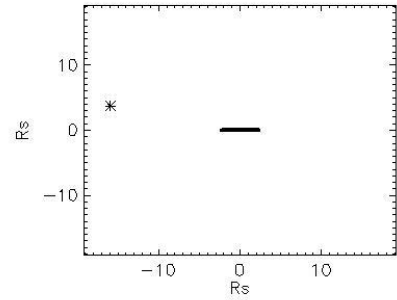
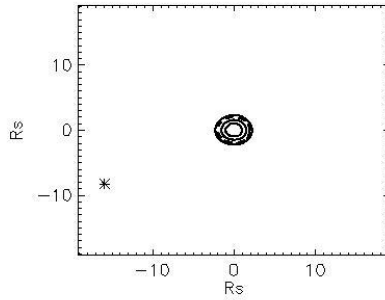
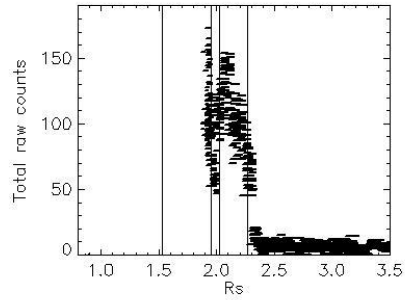
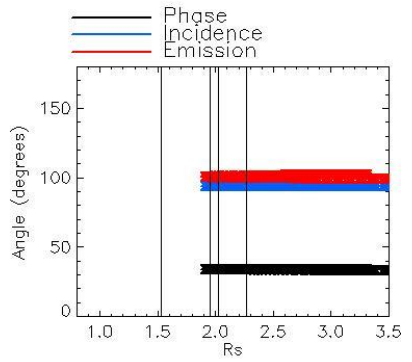
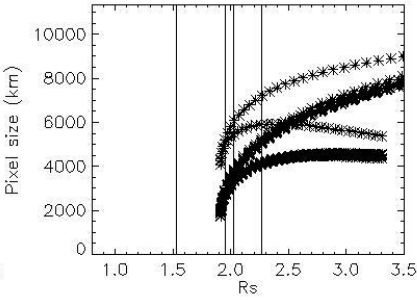
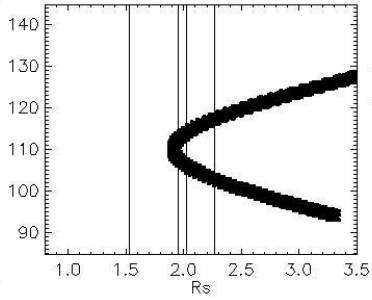
Observation Name:
UMS_094RLRADMLPLF001_ISS

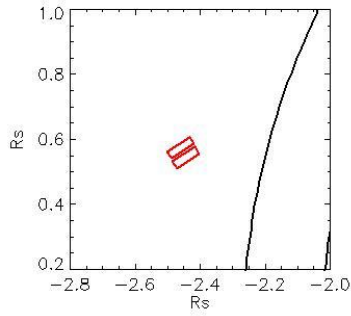
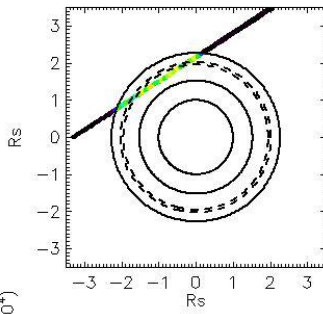
Observation Date:
2008_331_22_54_47

Observation Duration:
900 S

Integration time = 60 S

S/C—Observation Point Distance (10^4)





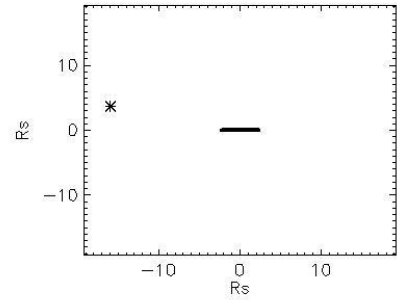
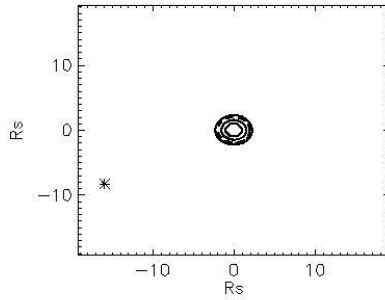
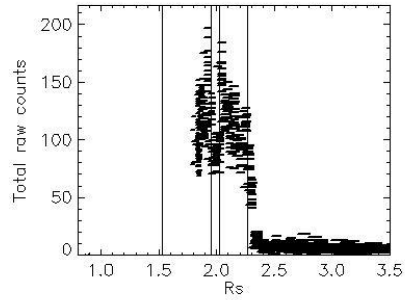
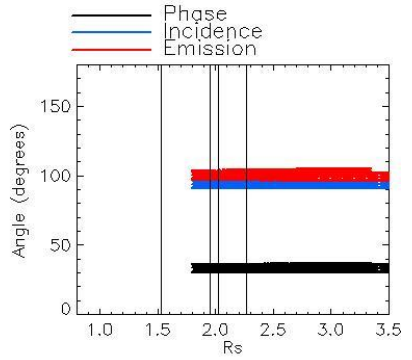
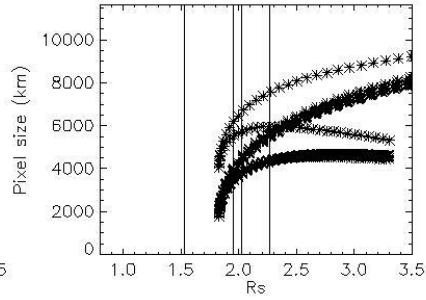
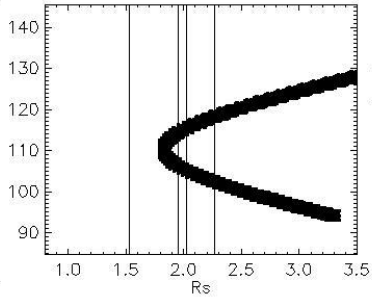
Observation Name:
UMS_094RLRADMLPLF001_ISS

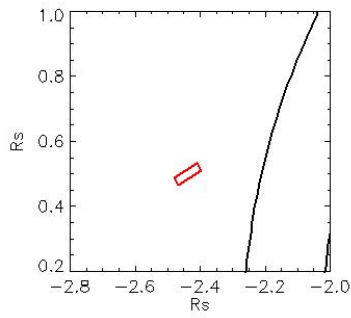
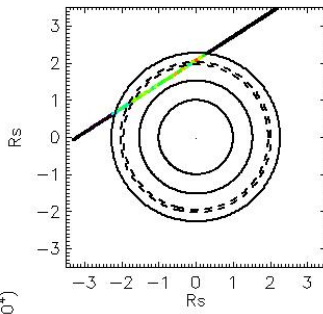
Observation Date:
2008_331_23_10_28

Observation Duration:
900 S

Integration time = 60 S

S/C—Observation Point Distance (10^4)





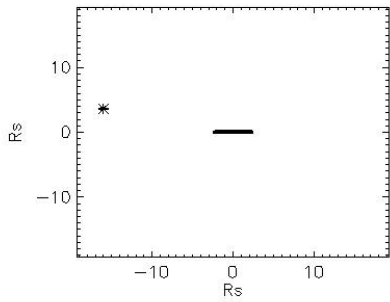
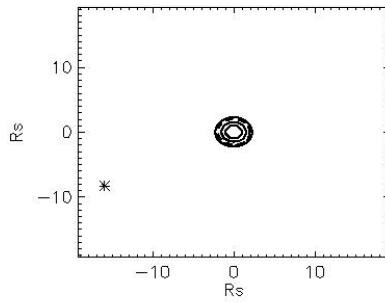
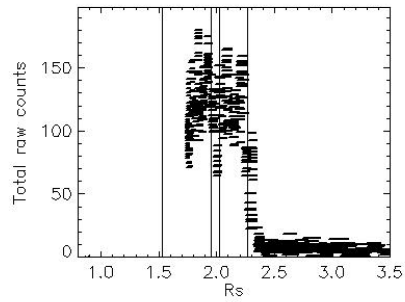
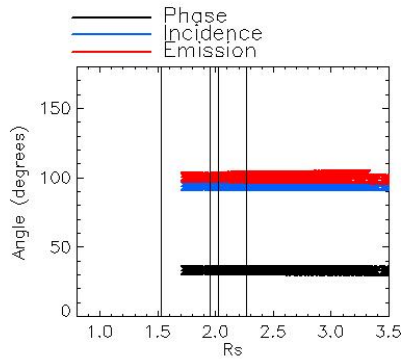
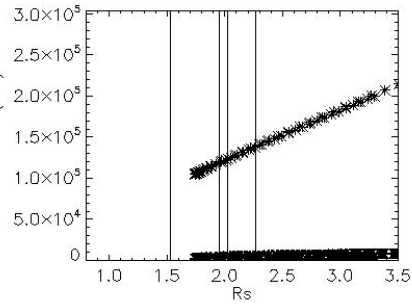
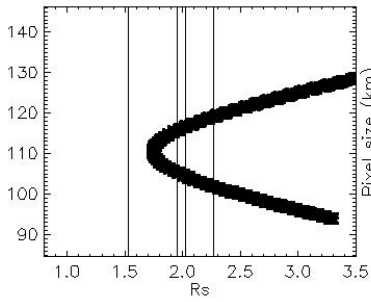
Observation Name:
UMS_094RLRADMLPLF001_ISS

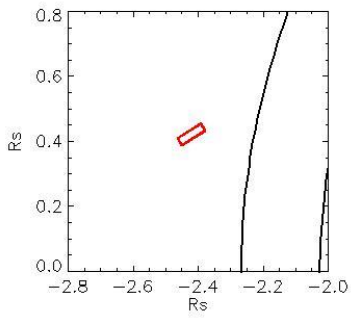
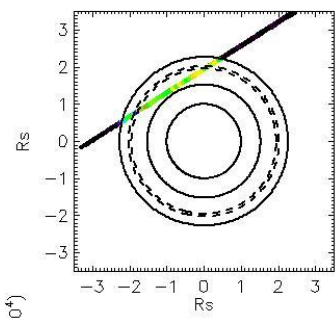
Observation Date:
2008_331_23_26_09

Observation Duration:
840 S

Integration time = 60 S

S/C—Observation Point Distance (10^4)





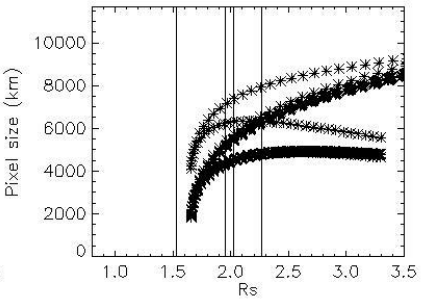
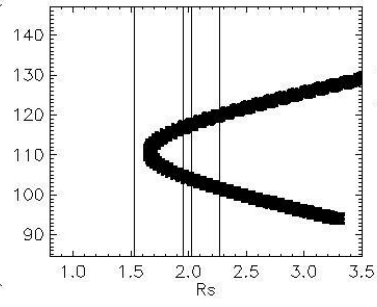
Observation Name:
UMS_094RLRADMLPLF001_ISS

Observation Date:
2008_331_23_41_50

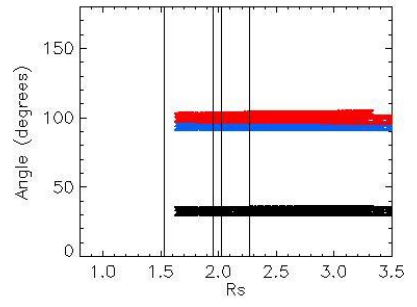
Observation Duration:
900 S

Integration time = 60 S

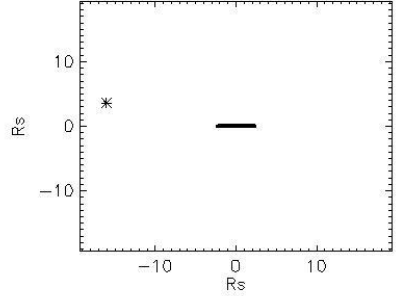
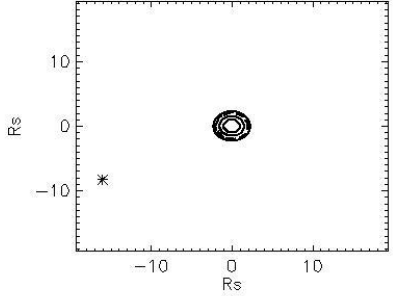
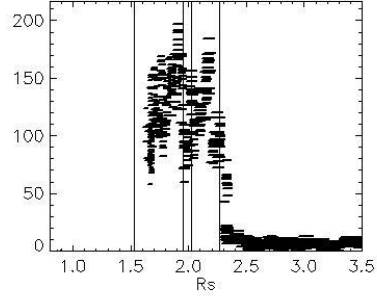
S/C—Observation Point Distance (10^4)

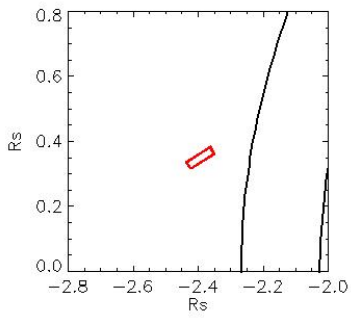
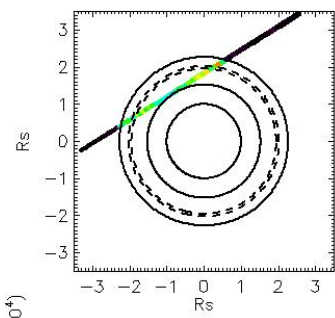


— Phase
— Incidence
— Emission



Total raw counts





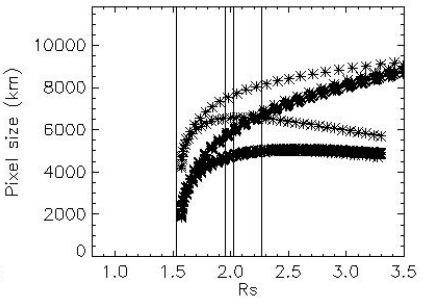
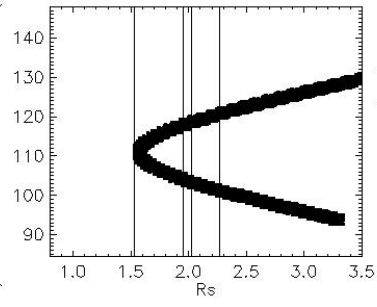
Observation Name:
UMS_094RLRADMLPLF001_ISS

Observation Date:
2008_331_23_57_31

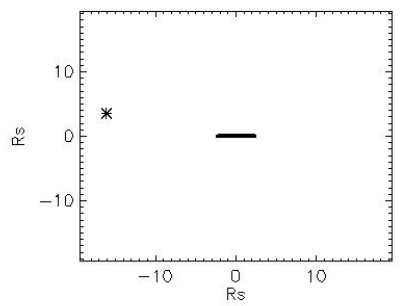
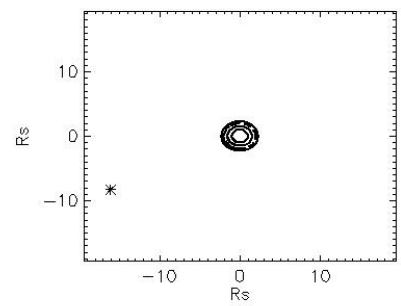
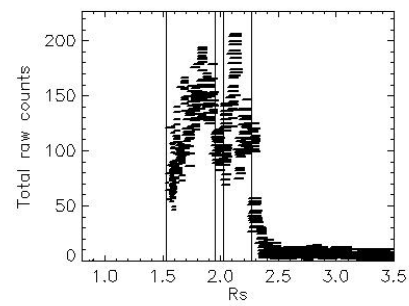
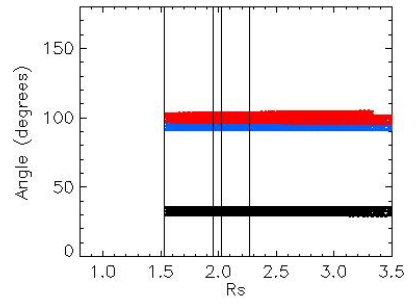
Observation Duration:
900 S

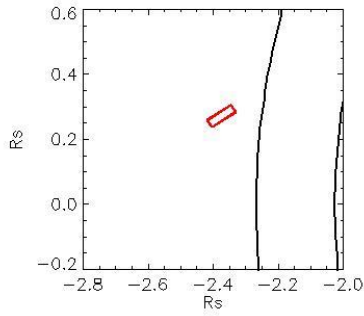
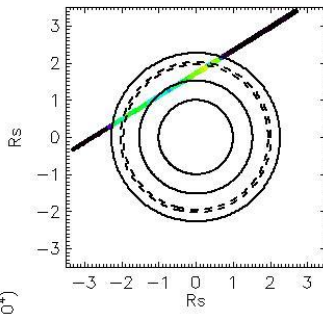
Integration time = 60 S

S/C—Observation Point Distance (10^4)



— Phase
— Incidence
— Emission



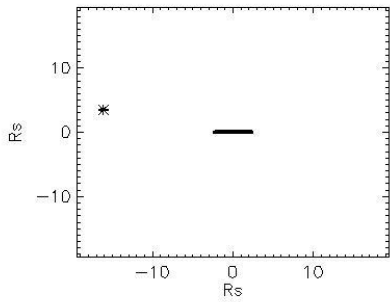
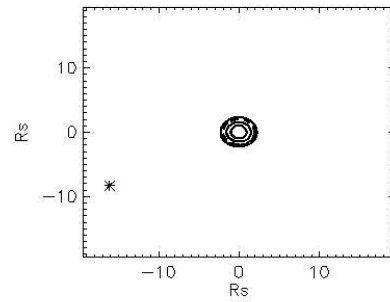
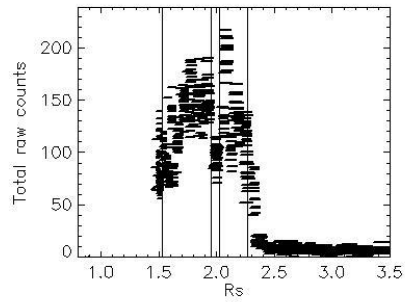
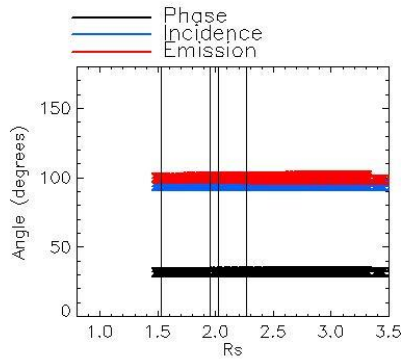
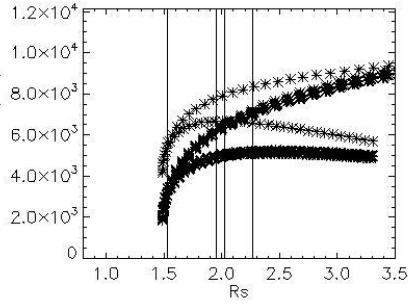
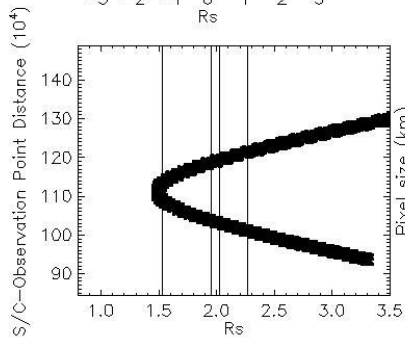


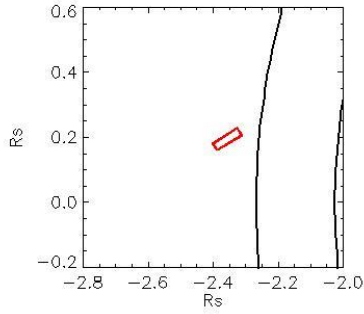
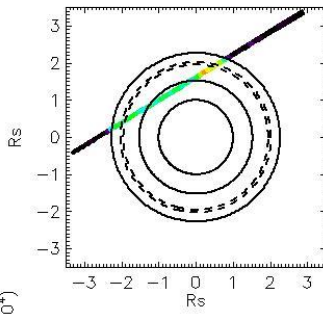
Observation Name:
UMS_094RLRADMLPLF001_ISS

Observation Date:
2008_332_00_13_12

Observation Duration:
900 S

Integration time = 60 S





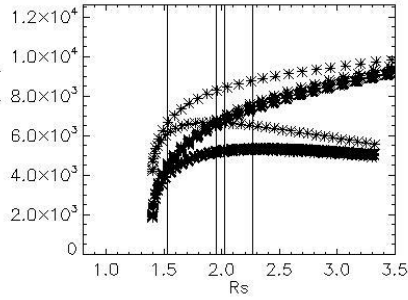
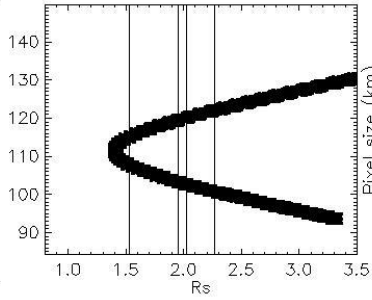
Observation Name:
UMS_094RLRADMLPLF001_ISS

Observation Date:
2008_332_00_28_53

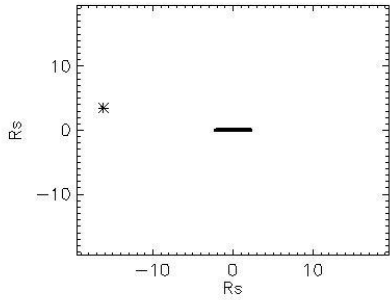
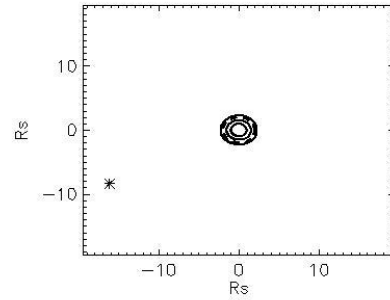
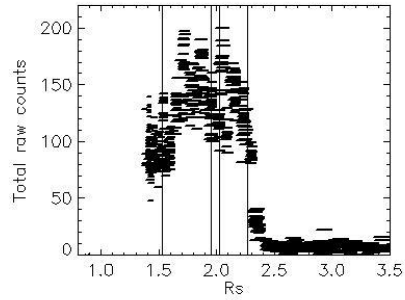
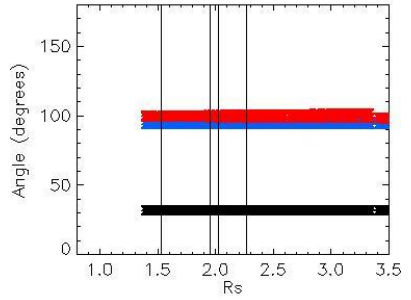
Observation Duration:
900 S

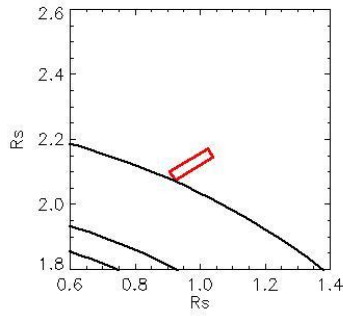
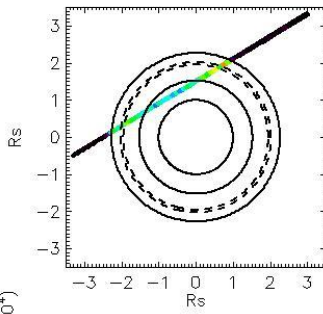
Integration time = 60 S

S/C—Observation Point Distance (10^4)



— Phase
— Incidence
— Emission



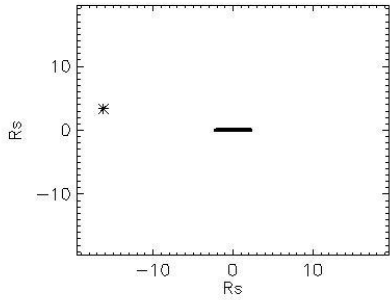
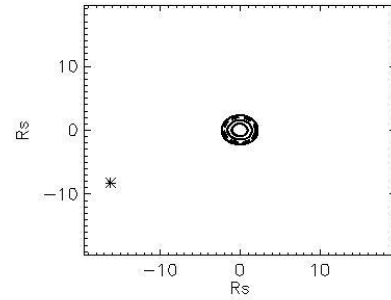
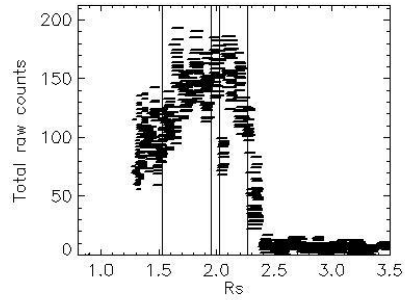
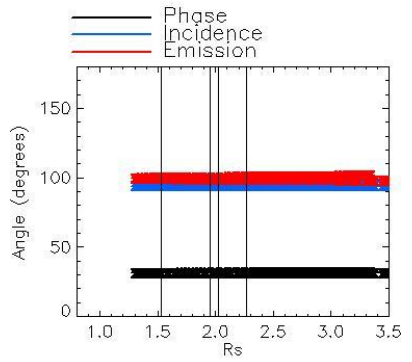
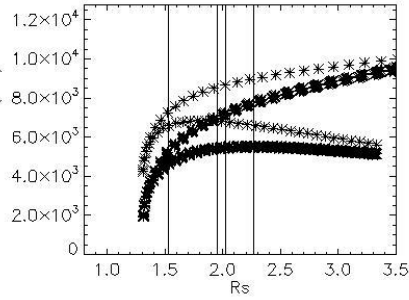
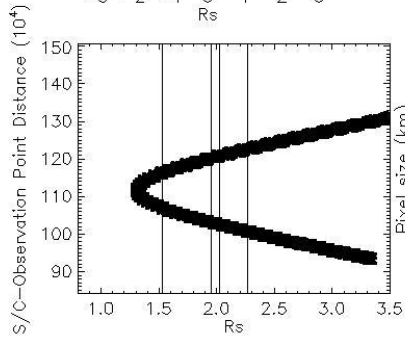


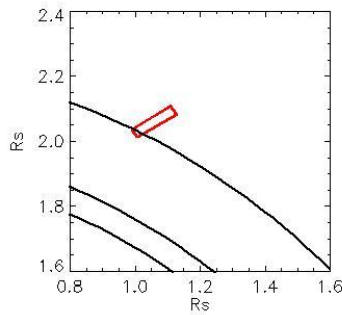
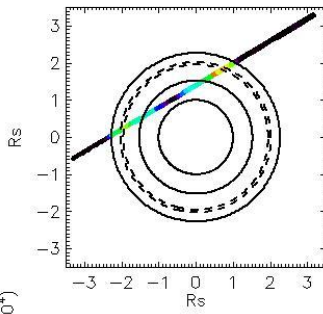
Observation Name:
UVS_094RLRADMLPLF001_ISS

Observation Date:
2008_332_00_44_34

Observation Duration:
900 S

Integration time = 60 S



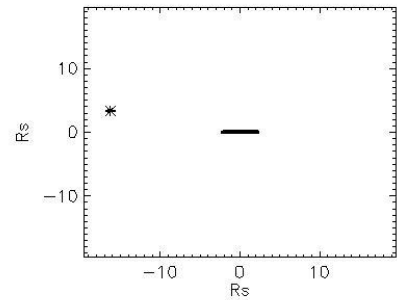
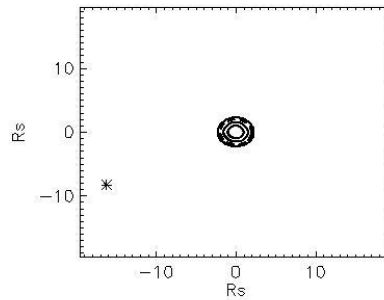
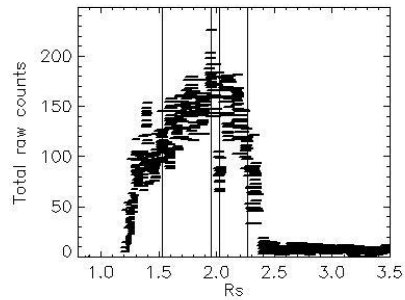
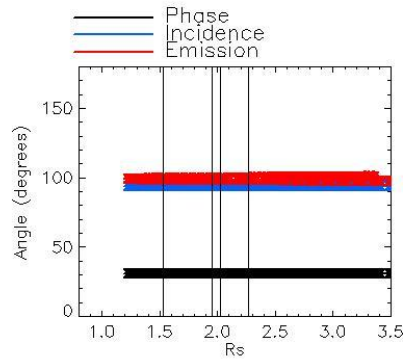
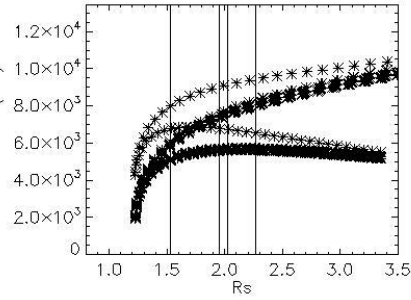
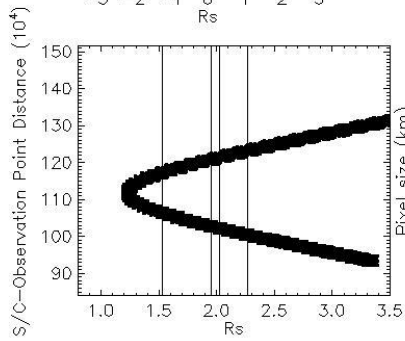


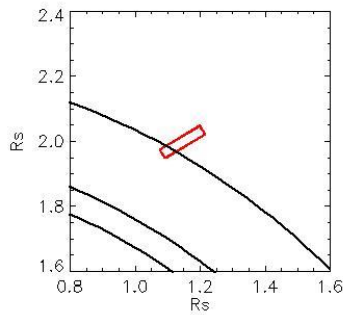
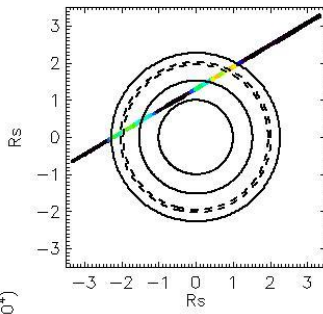
Observation Name:
UVS_094RLRADMLPLF001_ISS

Observation Date:
2008_332_01_00_15

Observation Duration:
900 S

Integration time = 60 S





Observation Name:
UMS_094RLRADMLPLF001_ISS

Observation Date:
2008_332_01_15_56

Observation Duration:
900 S

Integration time = 60 S

