

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.

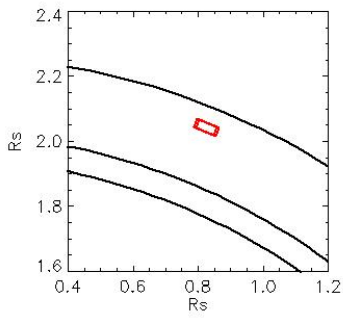
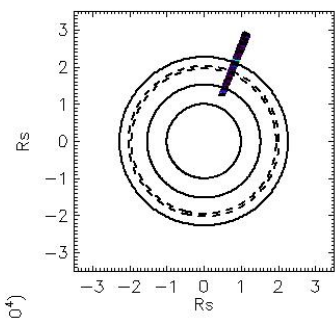
Middle center: Maximum projected smeared pixel size for all data records plotted against the radial location of the projected pixel at the middle of the integration period.

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

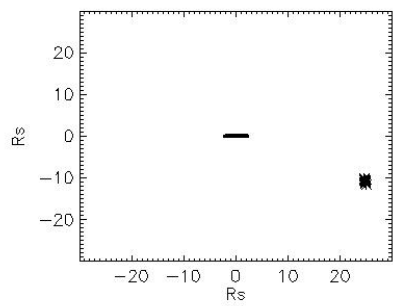
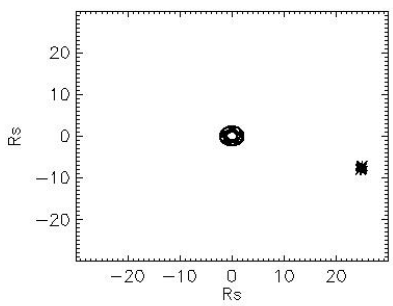
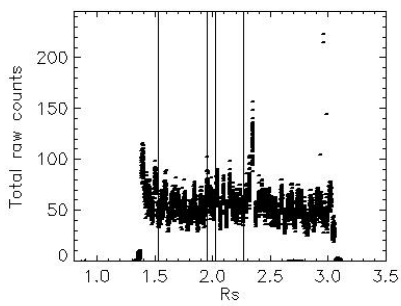
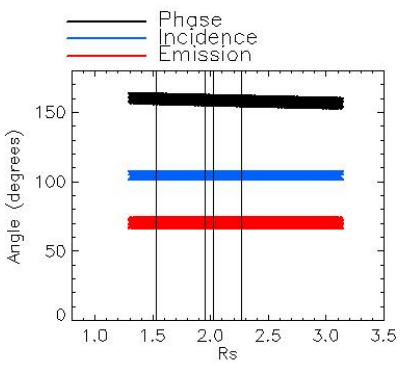
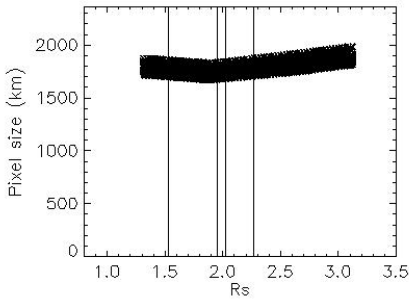
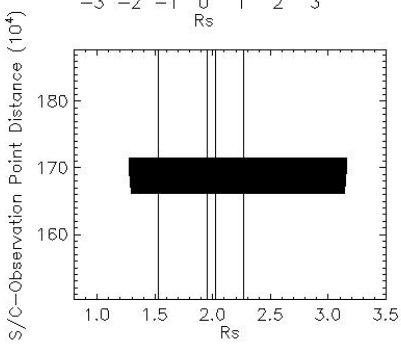
Bottom left: Total raw counts from 175.2 – 189.8 nm for each pixel for all data records.

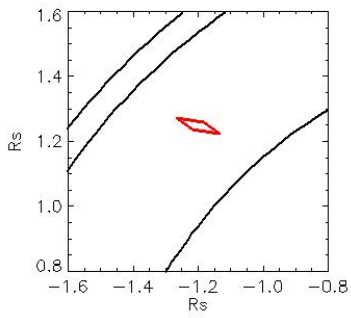
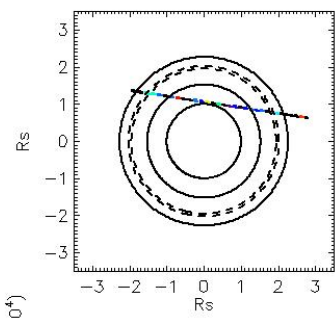
Bottom center: Location of spacecraft throughout an observation looking down on Saturn North Pole with the Sun to the left.

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



Observation Name:
 UVS_034RLHIPAM0VD001_ISS
 Observation Date:
 2006_331_19_00_02
 Observation Duration:
 42000 S
 Integration time = 600 S



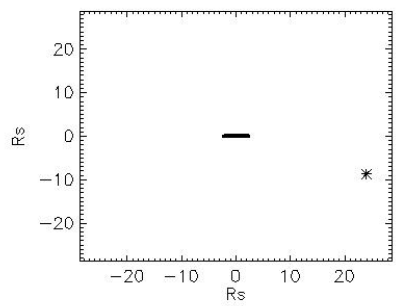
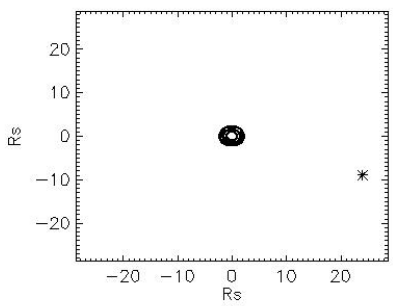
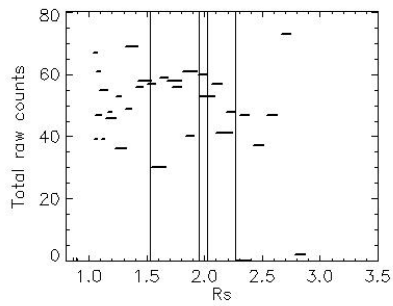
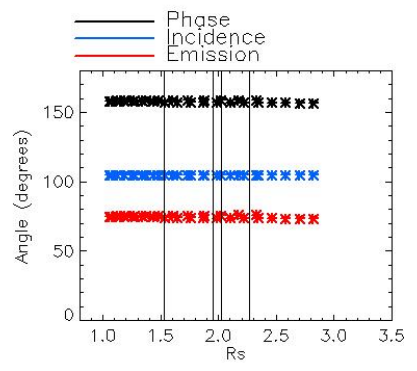
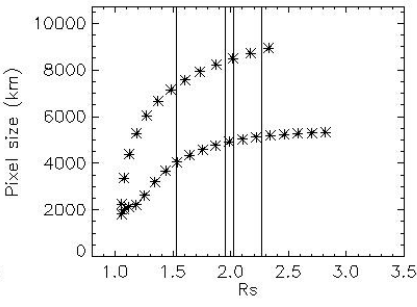
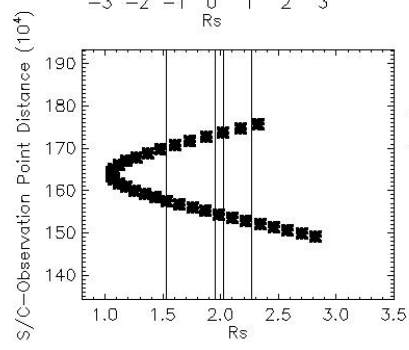


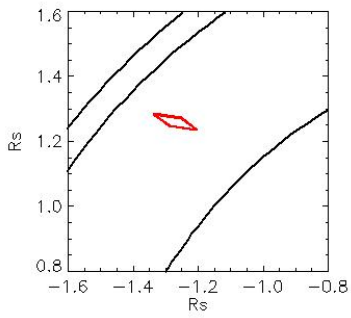
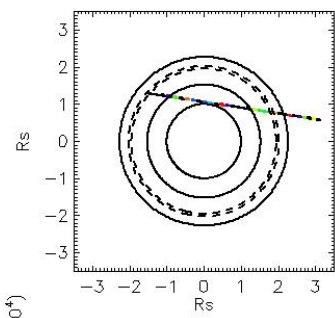
Observation Name:
UVS_034RLSHADSCANI001_JSS

Observation Date:
2006_332_17_05_03

Observation Duration:
300 S

Integration time = 300 S



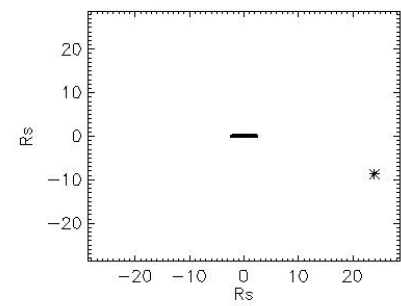
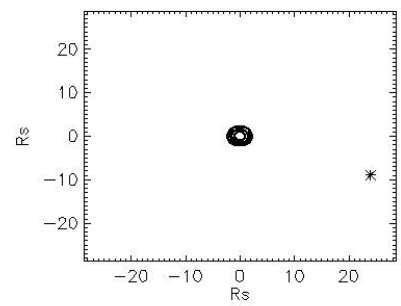
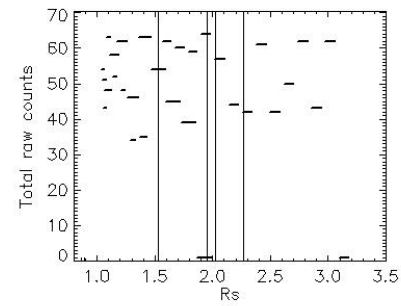
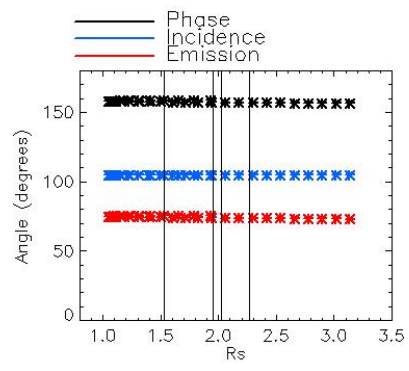
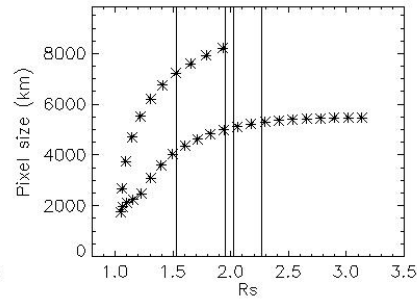
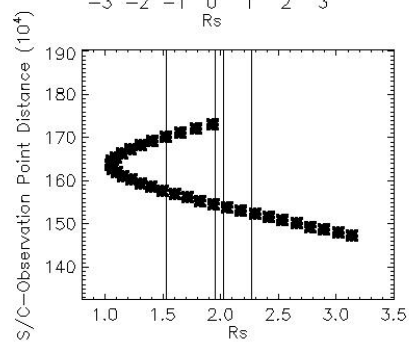


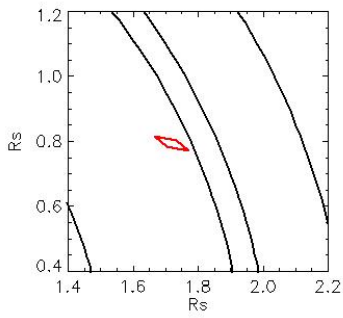
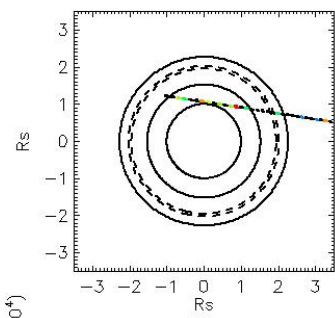
Observation Name:
UVS_034RLSHADSCANI001_JSS

Observation Date:
2006_332_17_11_11

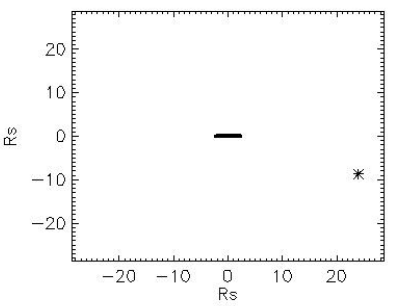
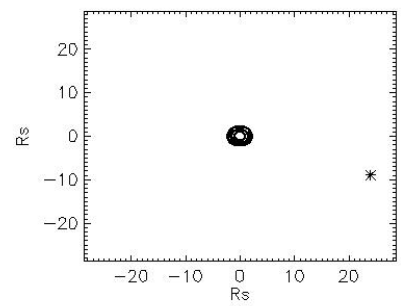
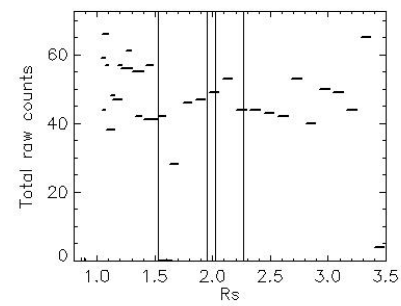
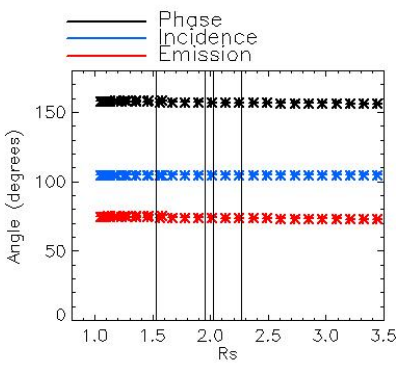
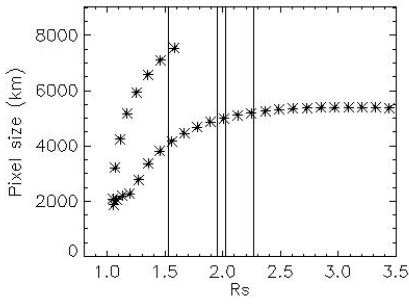
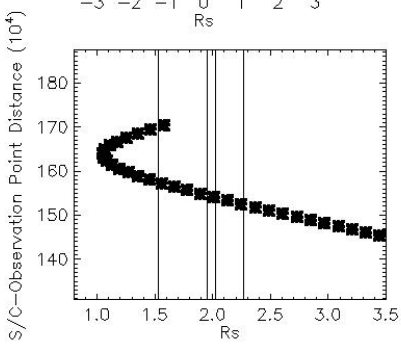
Observation Duration:
300 S

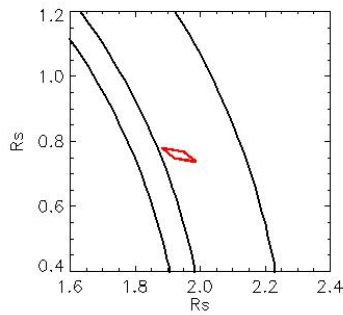
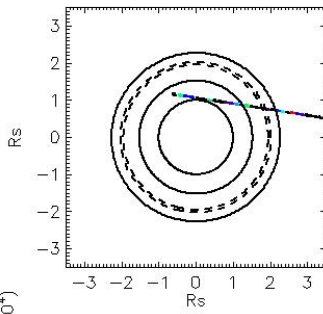
Integration time = 300 S





Observation Name:
 UVS_034RLSHADSCANI001_JSS
 Observation Date:
 2006_332_17_17_20
 Observation Duration:
 300 S
 Integration time = 300 S



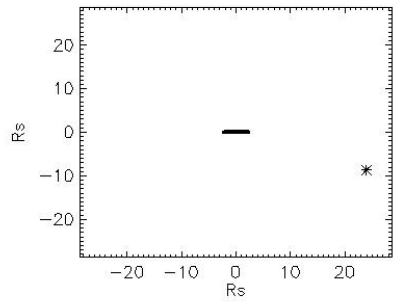
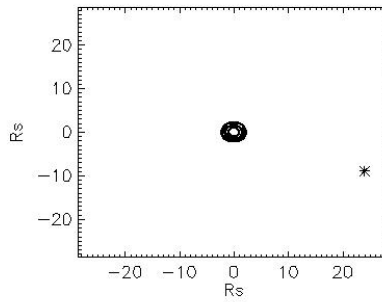
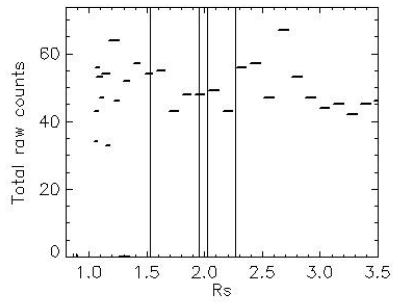
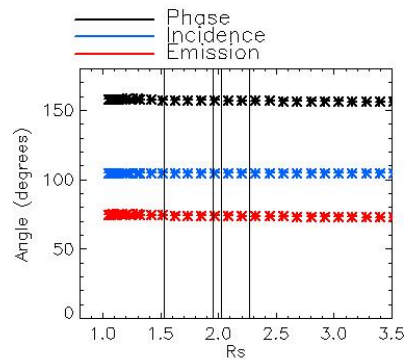
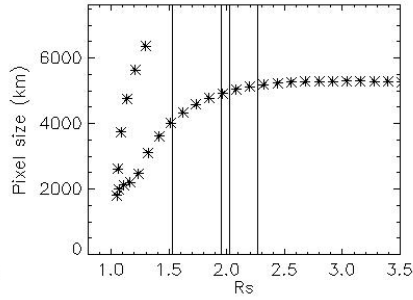
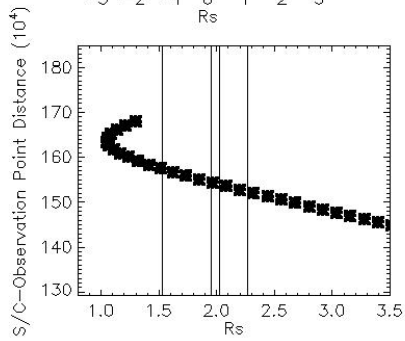


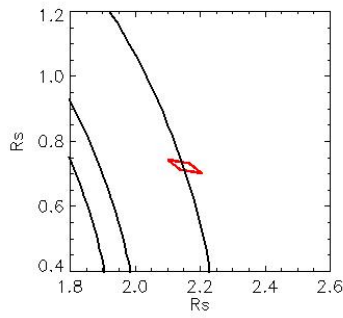
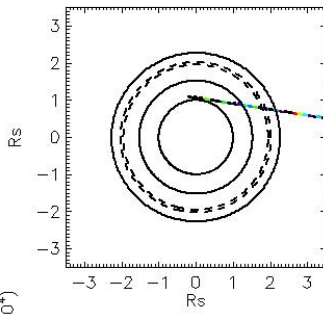
Observation Name:
UVS_034RLSHADSCANI001_JSS

Observation Date:
2006_332_17_23_29

Observation Duration:
300 S

Integration time = 300 S



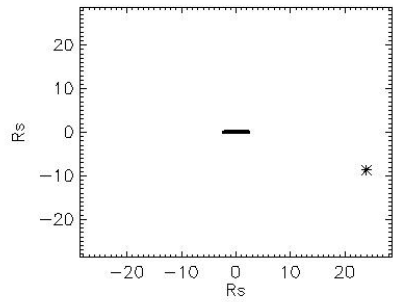
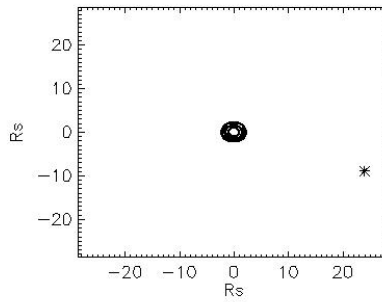
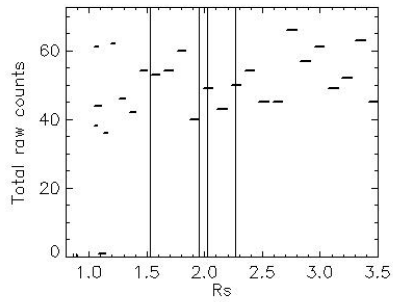
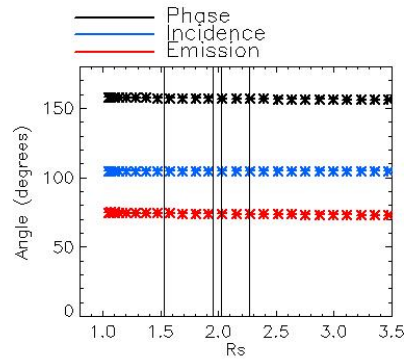
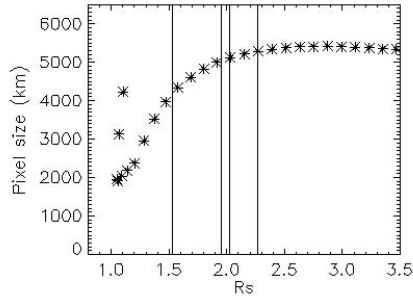
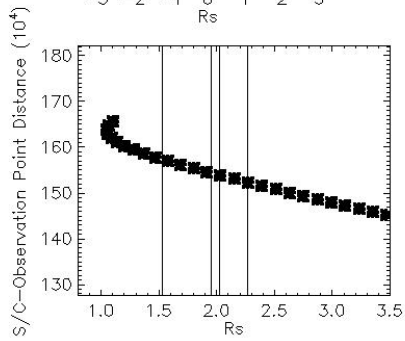


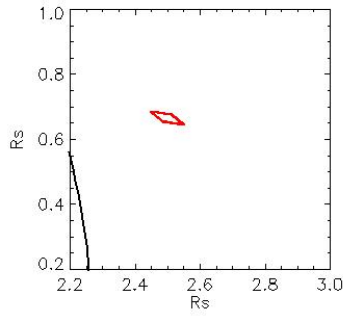
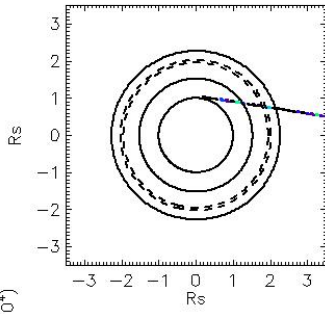
Observation Name:
UVS_034RLSHADSCANI001_JSS

Observation Date:
2006_332_17_29_38

Observation Duration:
300 S

Integration time = 300 S



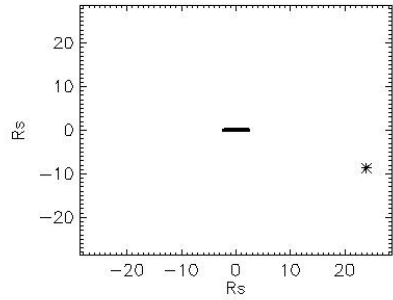
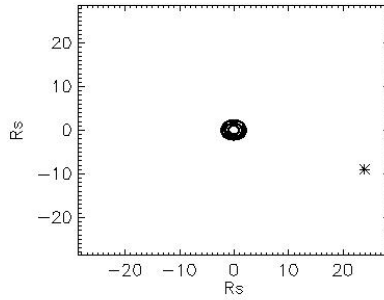
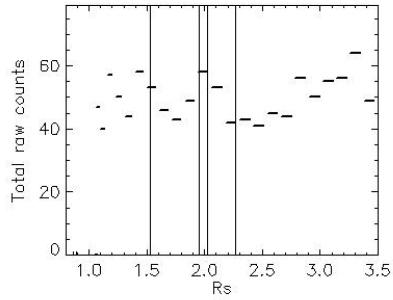
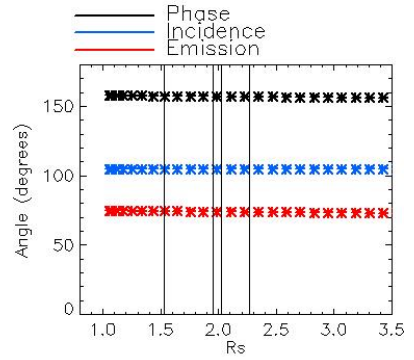
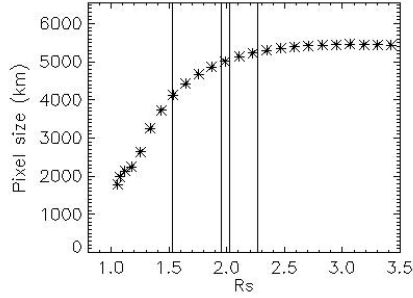
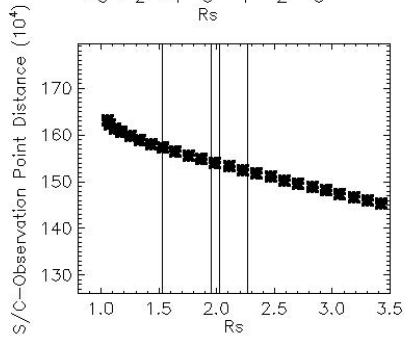


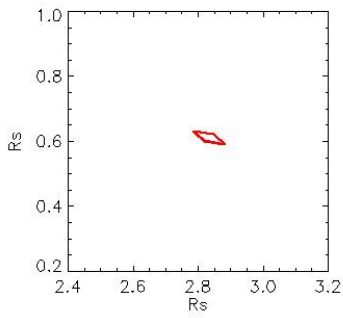
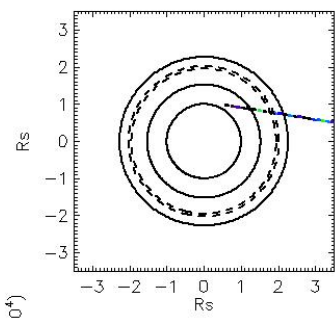
Observation Name:
UVS_034RLSHADSCANI001_JSS

Observation Date:
2006_332_17_35_47

Observation Duration:
300 S

Integration time = 300 S



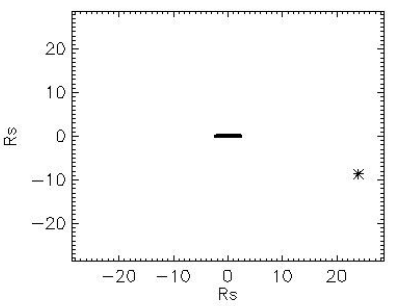
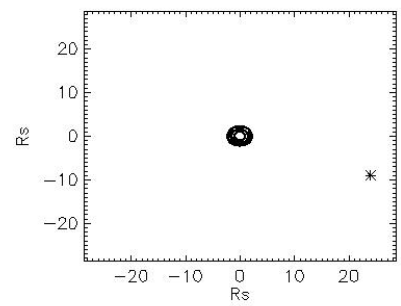
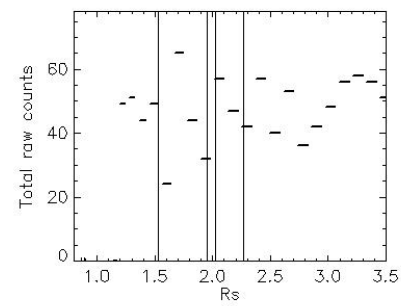
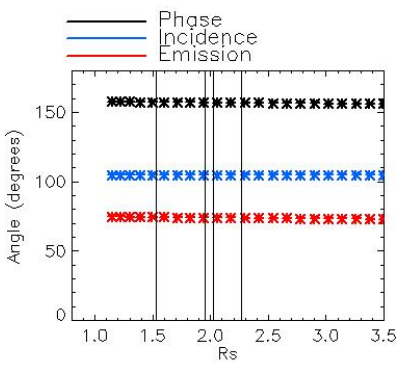
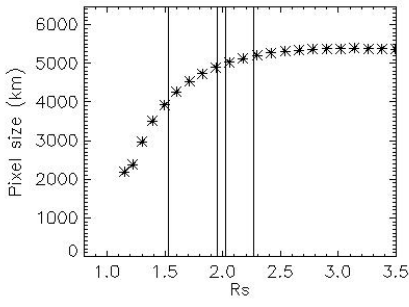
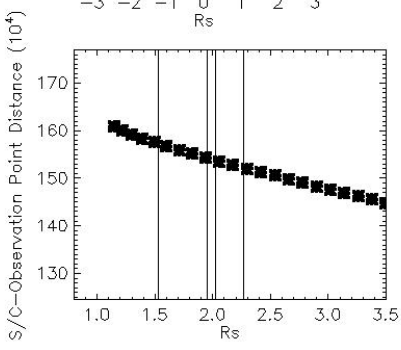


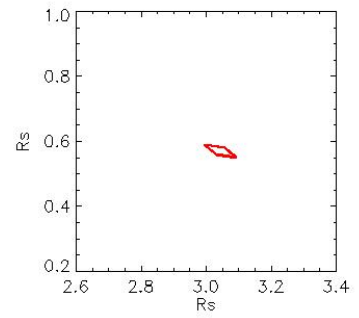
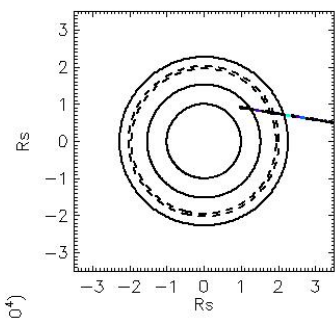
Observation Name:
UVS_034RLSHADSCANI001_JSS

Observation Date:
2006_332_17_41_56

Observation Duration:
300 S

Integration time = 300 S



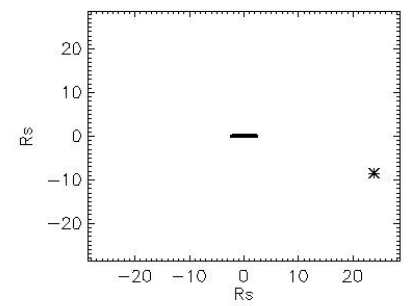
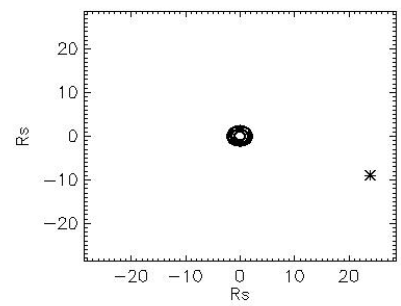
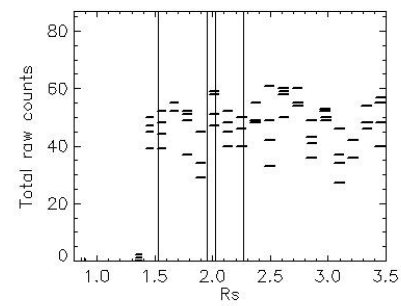
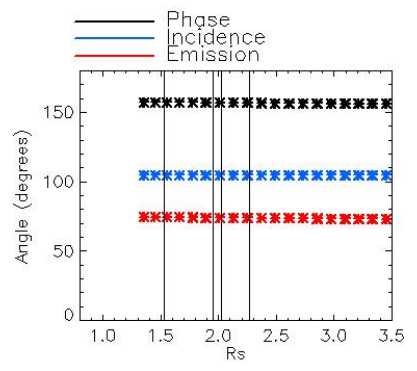
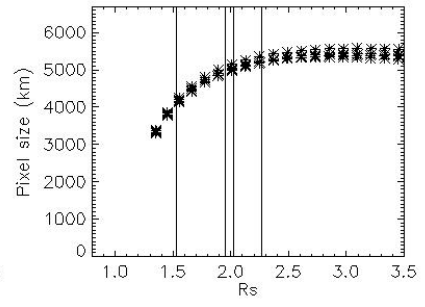
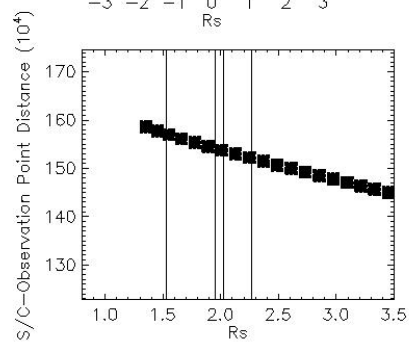


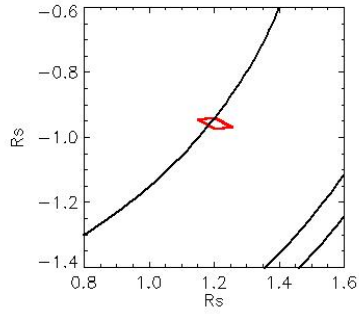
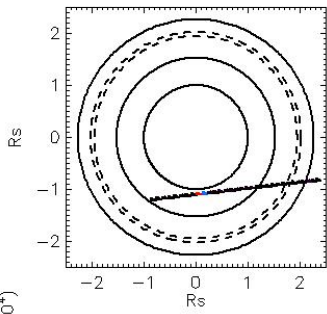
Observation Name:
UVS_034RLSHADSCANI001_JSS

Observation Date:
2006_332_17_48_05

Observation Duration:
1200 S

Integration time = 300 S



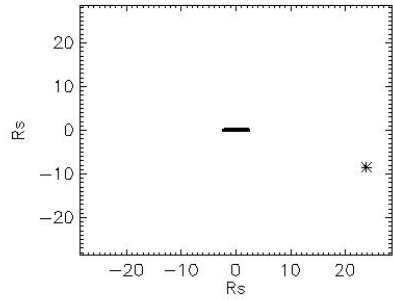
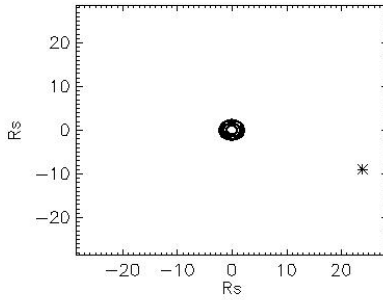
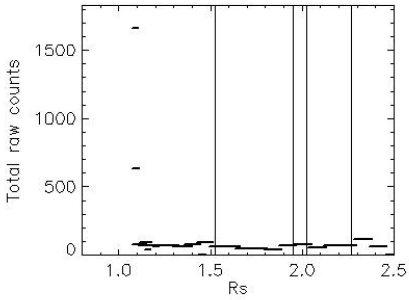
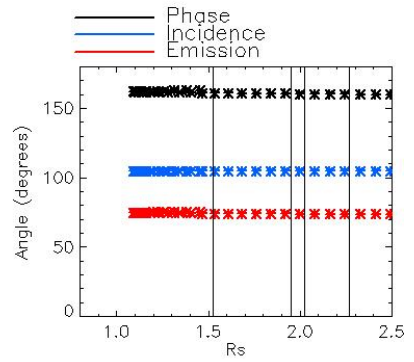
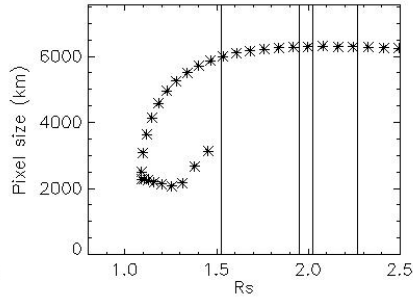
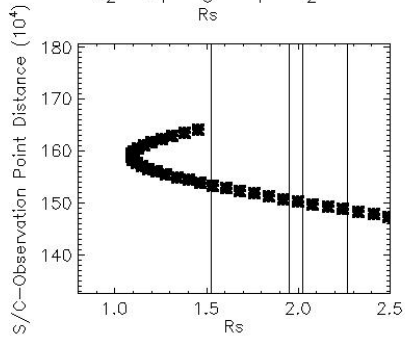


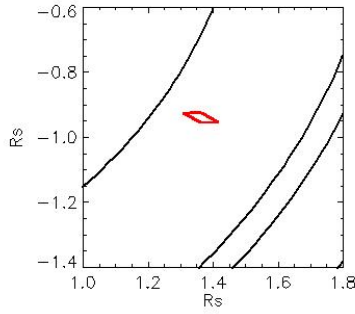
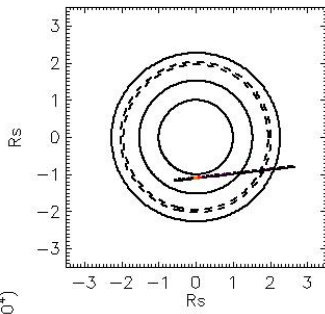
Observation Name:
UVS_034RLSHADSCANI001_JSS

Observation Date:
2006_332_18_17_17

Observation Duration:
300 S

Integration time = 300 S



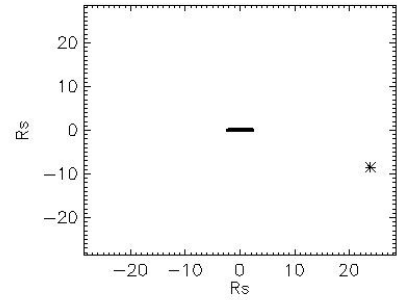
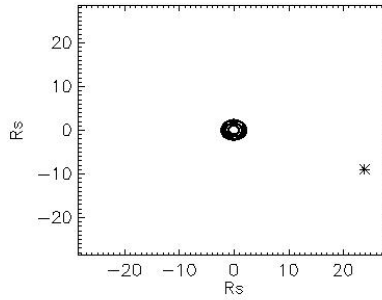
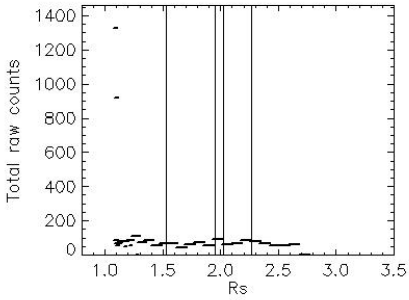
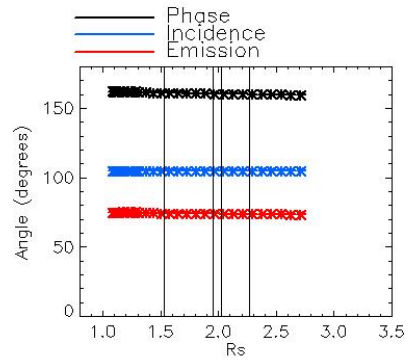
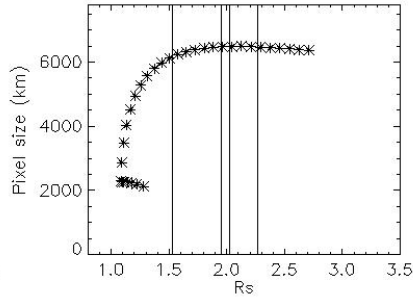
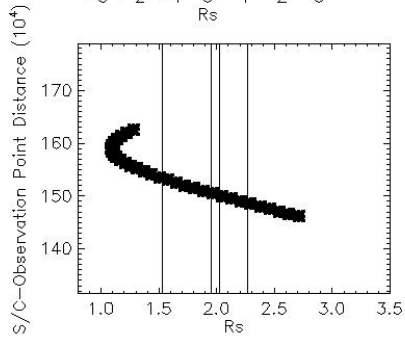


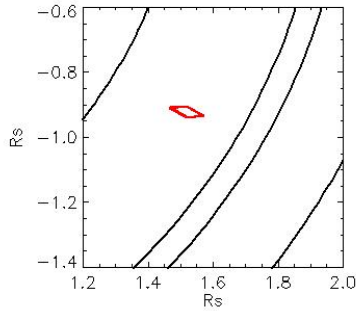
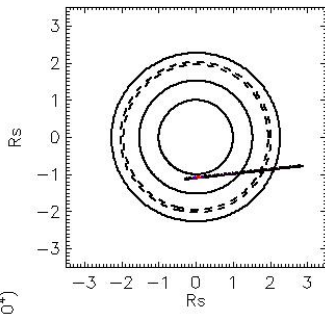
Observation Name:
UVS_034RLSHADSCANI001_JSS

Observation Date:
2006_332_18_23_21

Observation Duration:
300 S

Integration time = 300 S



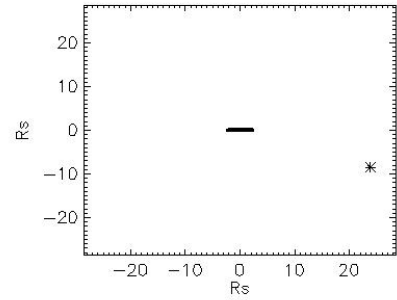
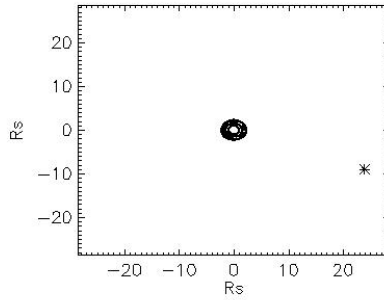
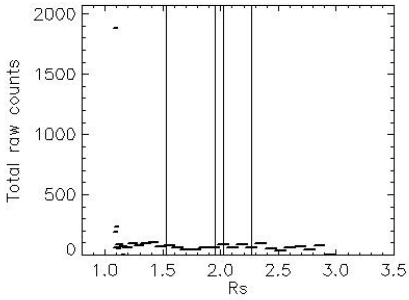
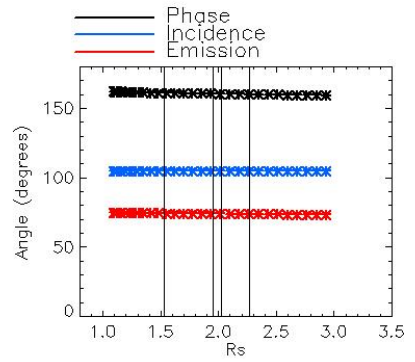
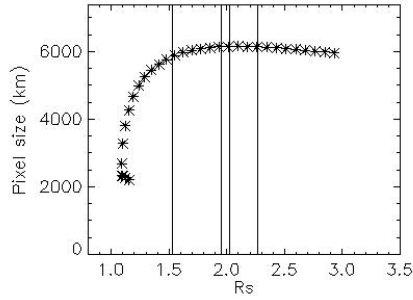
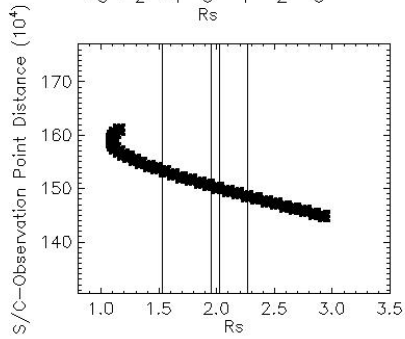


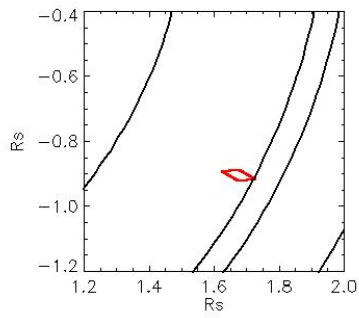
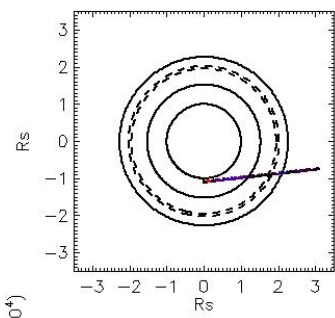
Observation Name:
UVS_034RLSHADSCANI001_JSS

Observation Date:
2006_332_18_29_25

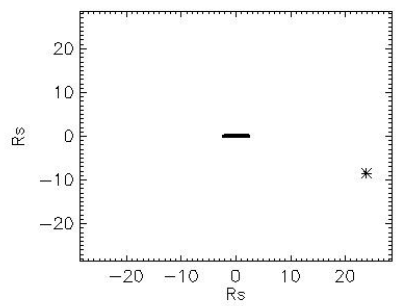
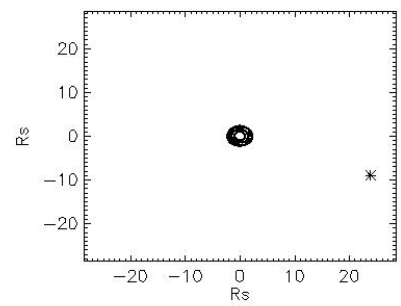
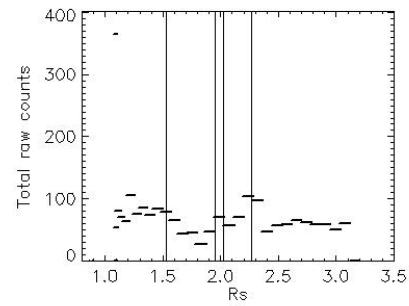
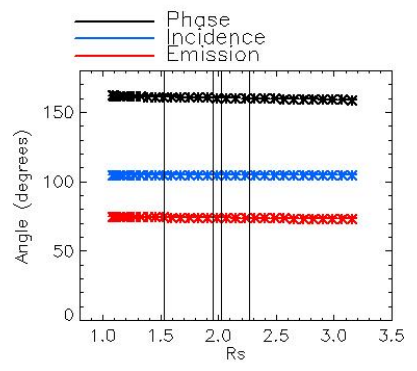
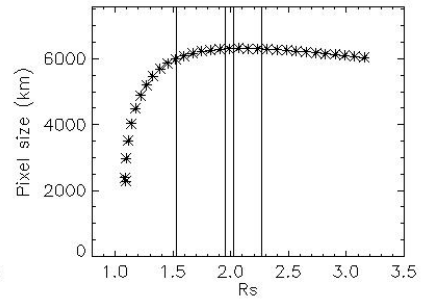
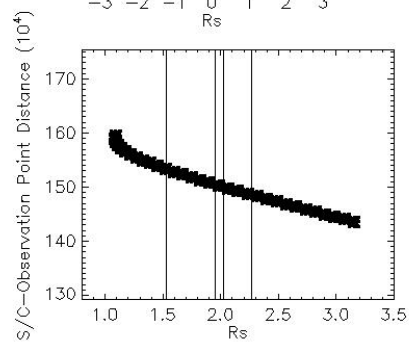
Observation Duration:
300 S

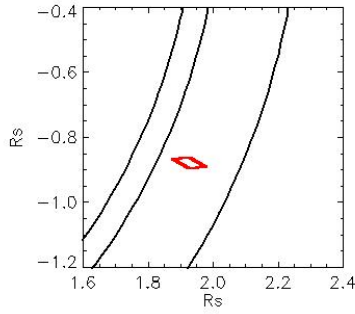
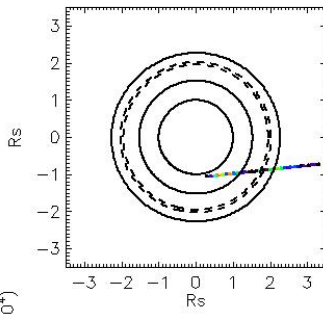
Integration time = 300 S





Observation Name:
 UVS_034RLSHADSCANI001_JSS
 Observation Date:
 2006_332_18_35_29
 Observation Duration:
 300 S
 Integration time = 300 S





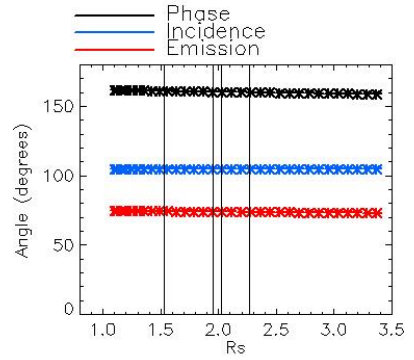
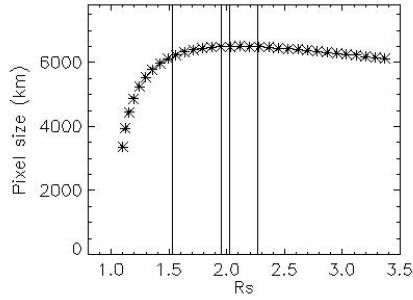
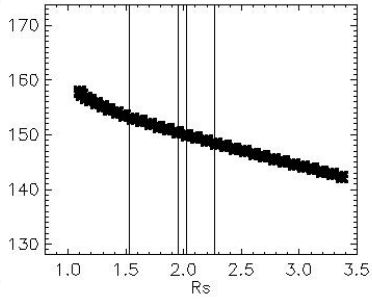
Observation Name:
UVS_034RLSHADSCANI001_JSS

Observation Date:
2006_332_18_41_33

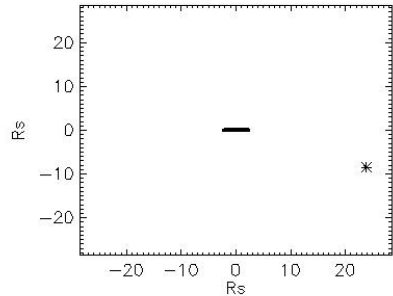
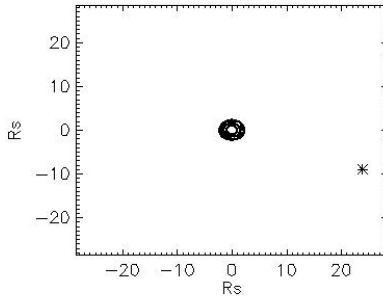
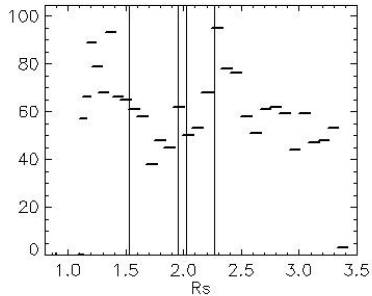
Observation Duration:
300 S

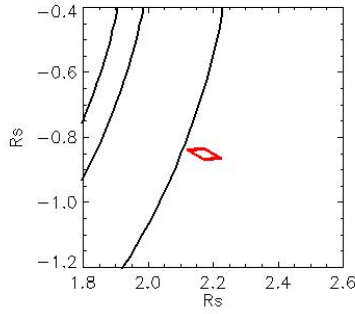
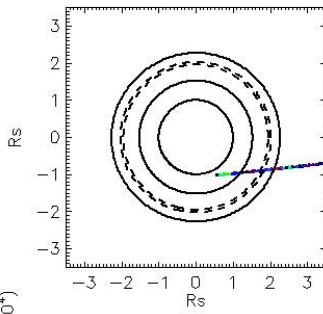
Integration time = 300 S

S/C—Observation Point Distance (10^4)



Total raw counts





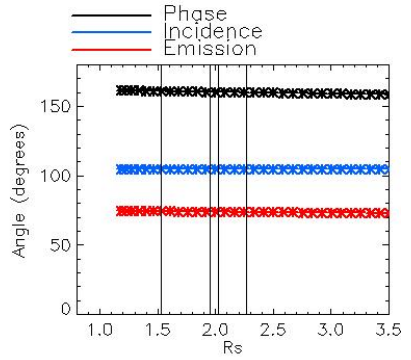
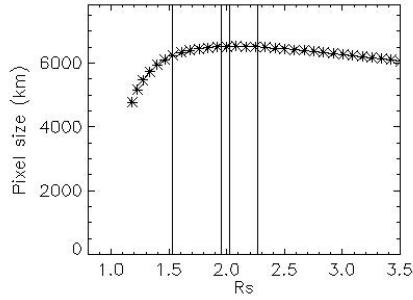
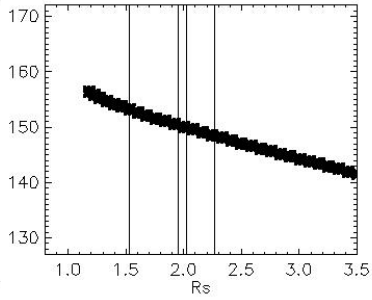
Observation Name:
UVS_034RLSHADSCANI001_JSS

Observation Date:
2006_332_18_47_37

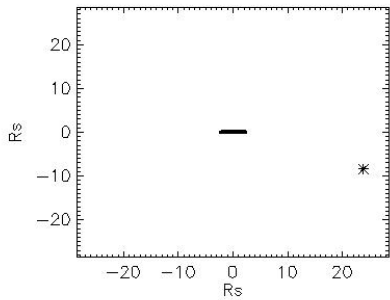
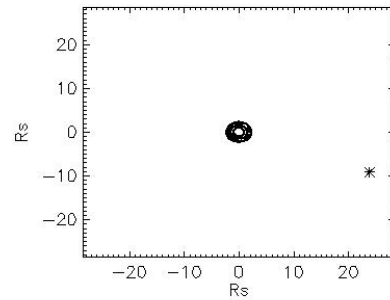
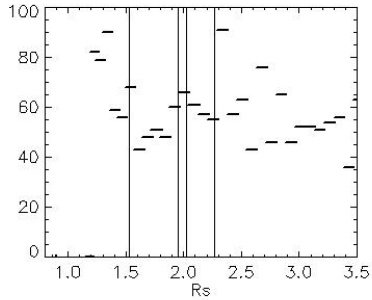
Observation Duration:
300 S

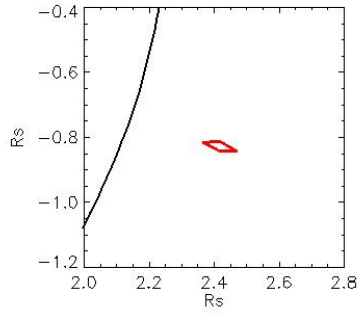
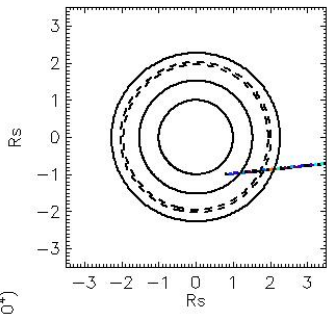
Integration time = 300 S

S/C—Observation Point Distance (10^4)



Total raw counts



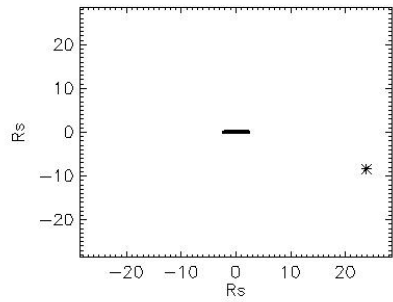
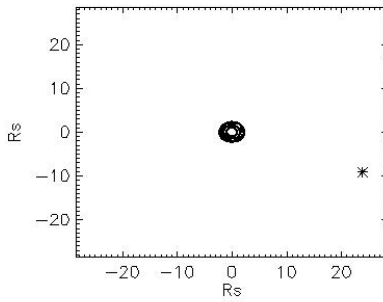
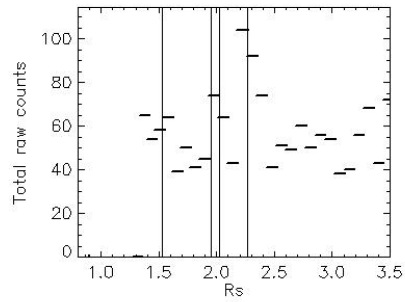
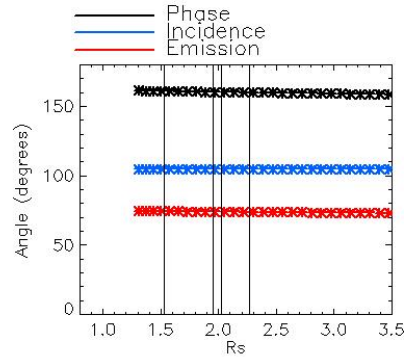
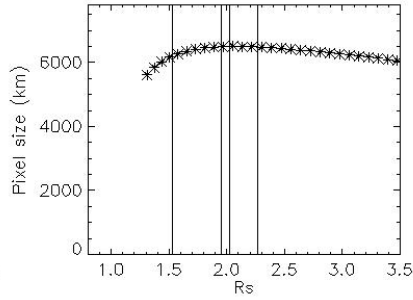
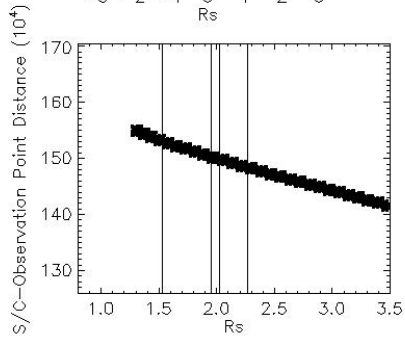


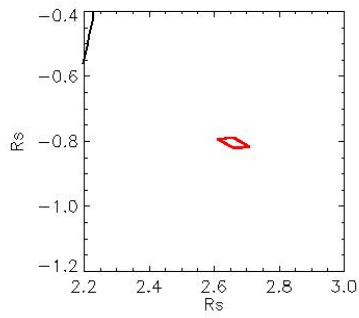
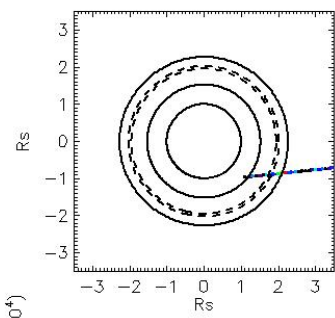
Observation Name:
UVS_034RLSHADSCANI001_JSS

Observation Date:
2006_332_18_53_41

Observation Duration:
300 S

Integration time = 300 S



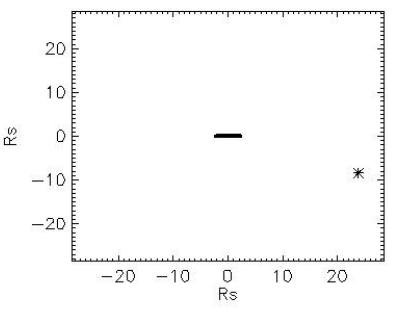
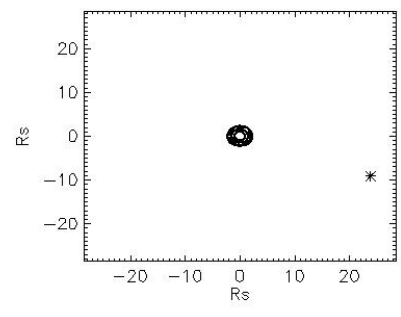
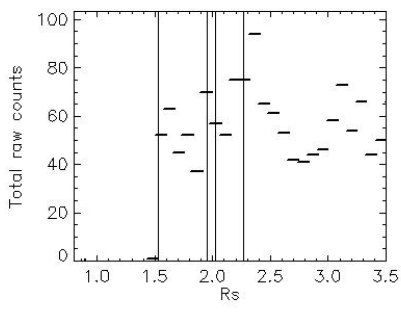
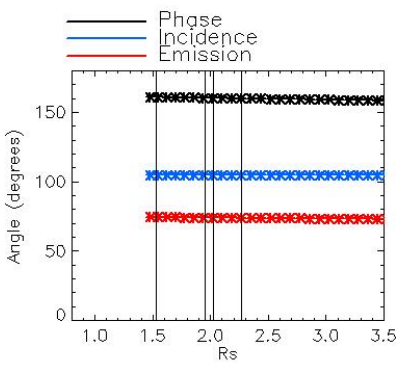
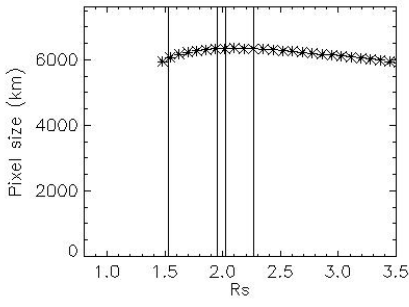
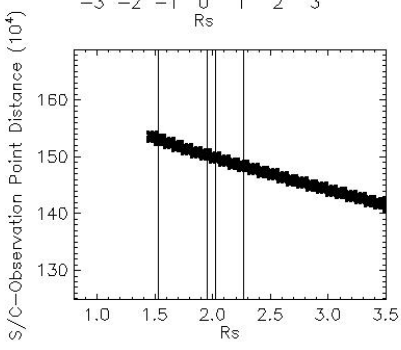


Observation Name:
UVS_034RLSHADSCANI001_JSS

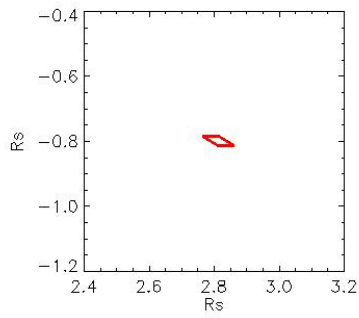
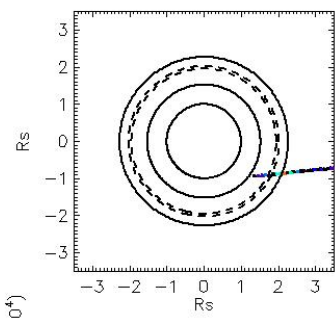
Observation Date:
2006_332_18_59_45

Observation Duration:
300 S

Integration time = 300 S

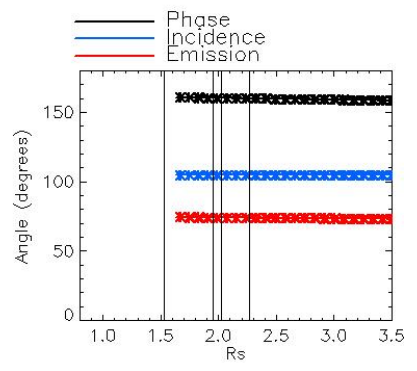
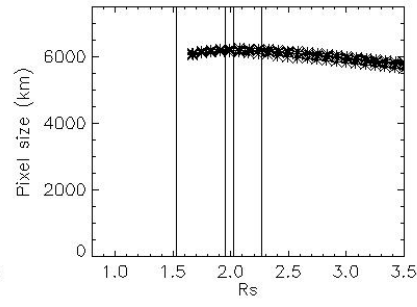
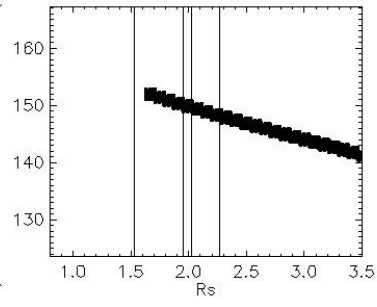


— Phase
— Incidence
— Emission

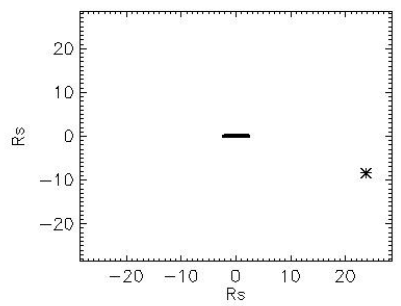
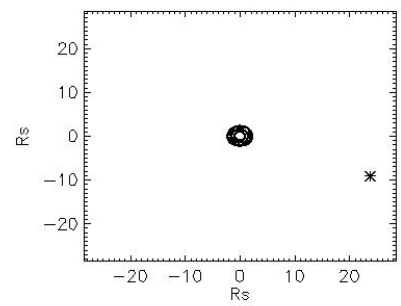
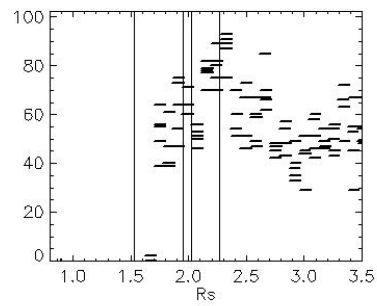


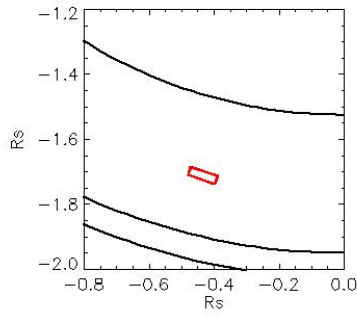
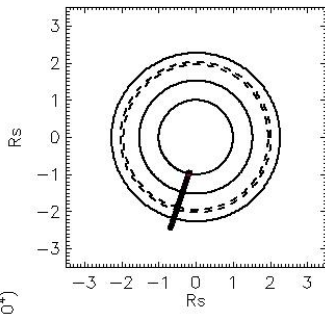
Observation Name:
 UVS_034RLSHADSCANI001_JSS
 Observation Date:
 2006_332_19_05_49
 Observation Duration:
 1500 S
 Integration time = 300 S

S/C—Observation Point Distance (10^4)



Total raw counts



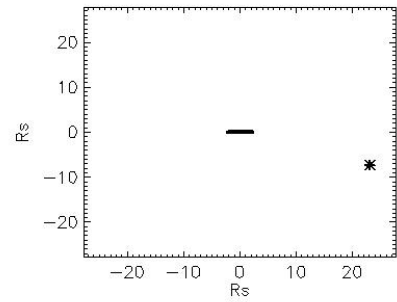
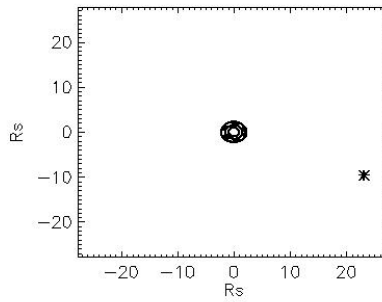
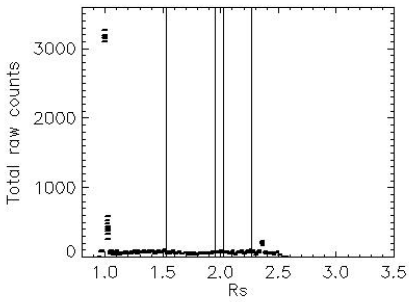
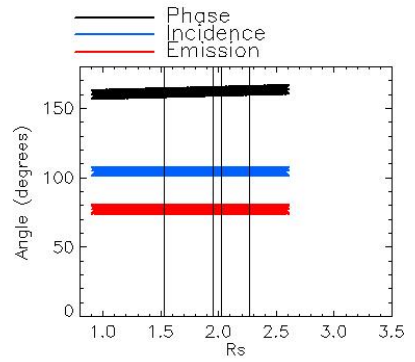
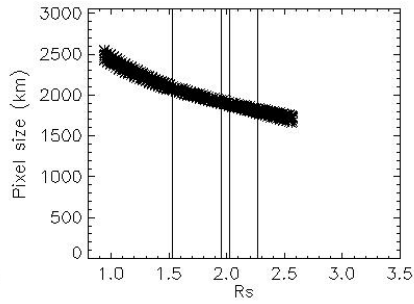
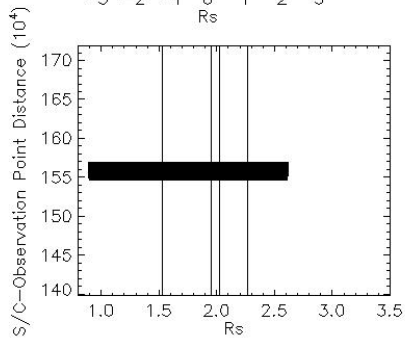


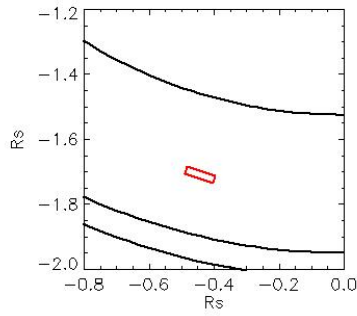
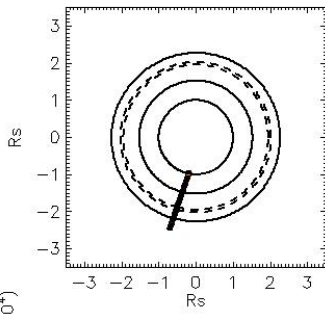
Observation Name:
UVIS_034RLFMONITOR001_CIRS

Observation Date:
2006_333_02_10_01

Observation Duration:
4800 S

Integration time = 600 S



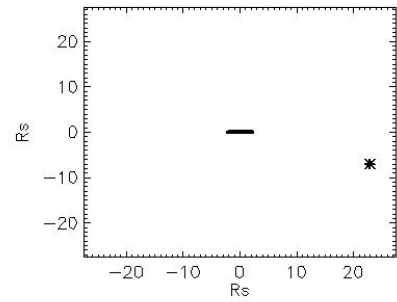
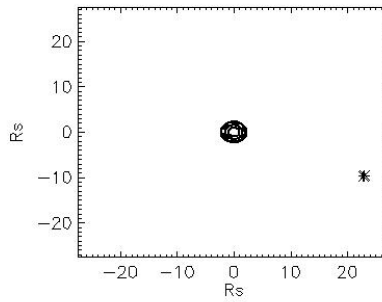
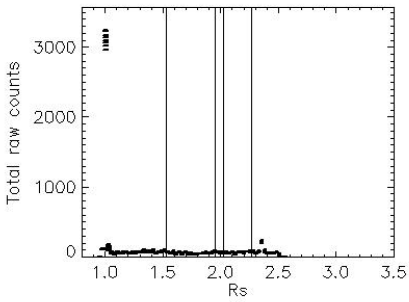
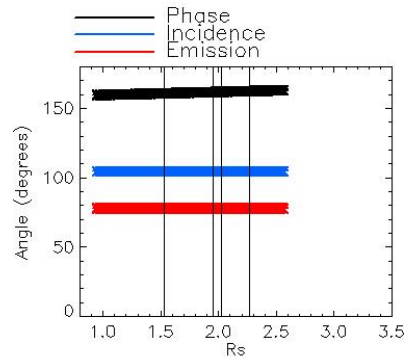
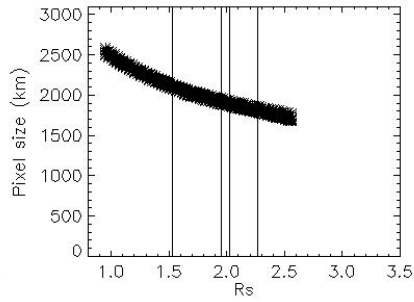
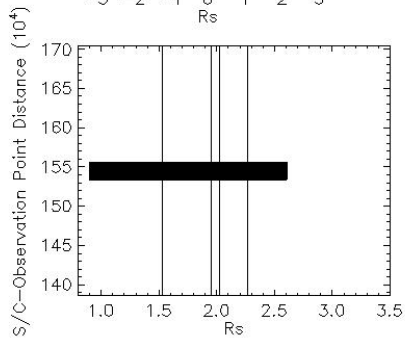


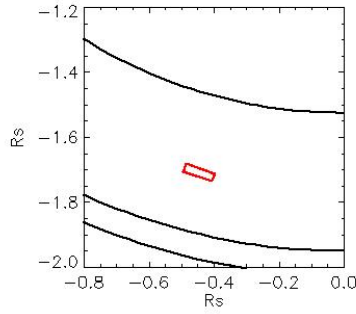
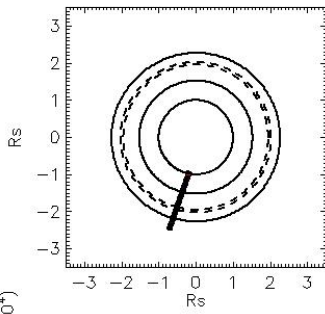
Observation Name:
UVIS_034RLFMONITOR001_CIRS

Observation Date:
2006_333_04_08_01

Observation Duration:
4800 S

Integration time = 600 S



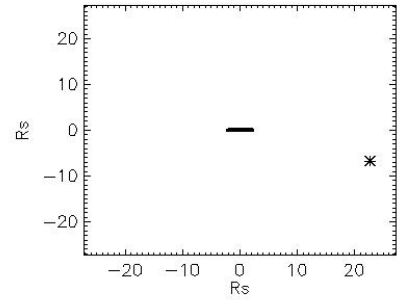
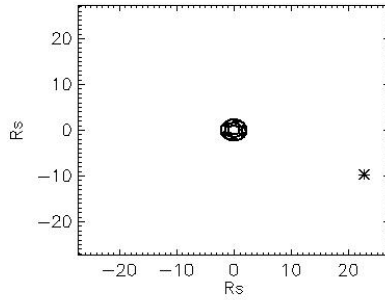
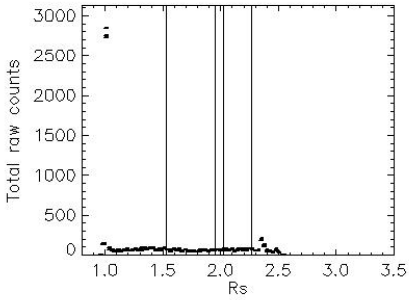
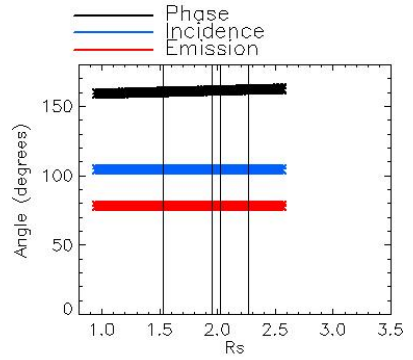
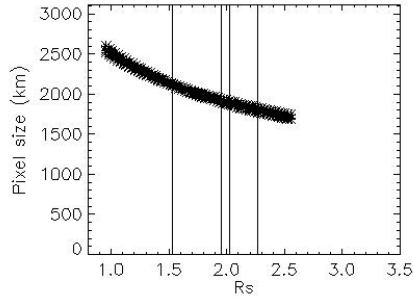
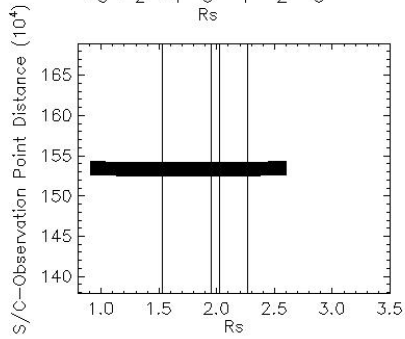


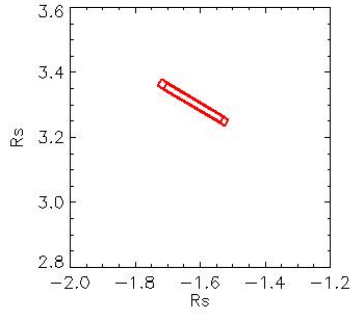
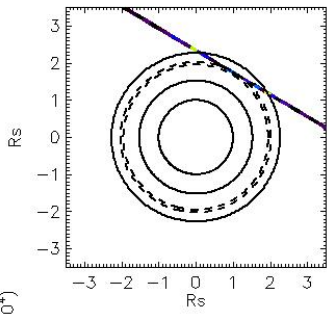
Observation Name:
UVIS_034RLFMONITOR001_CIRS

Observation Date:
2006_333_06_06_01

Observation Duration:
1800 S

Integration time = 600 S



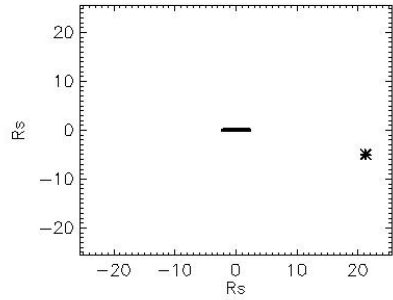
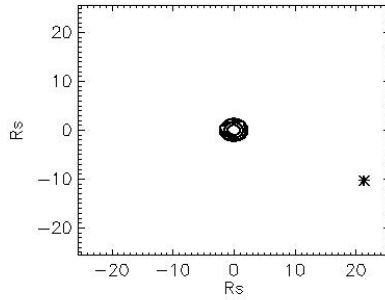
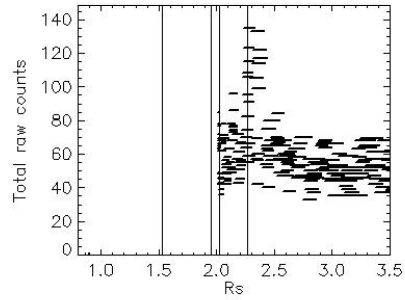
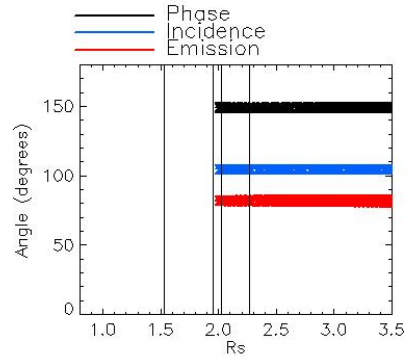
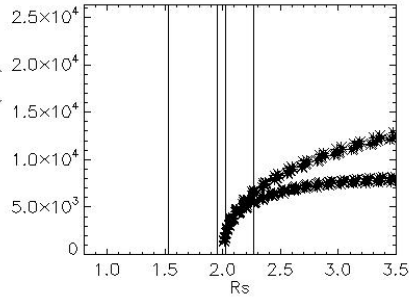
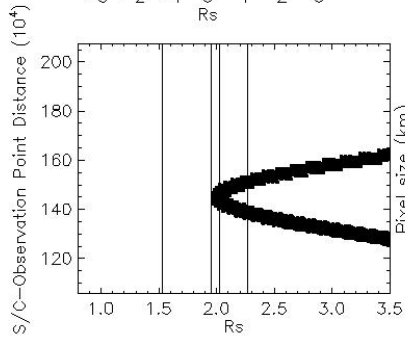


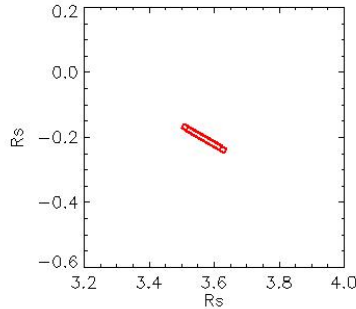
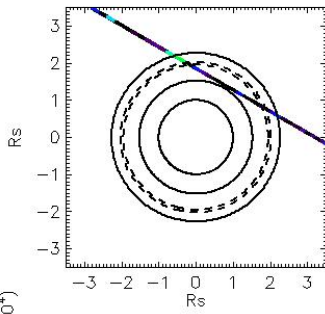
Observation Name:
UVS_034RLSUBMU07HP001_CIRS

Observation Date:
2006_333_17_20_03

Observation Duration:
4200 S

Integration time = 600 S





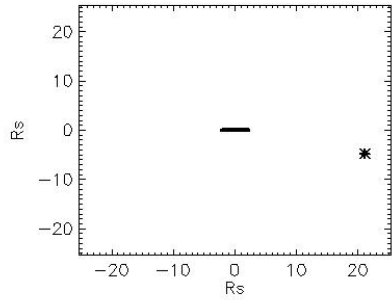
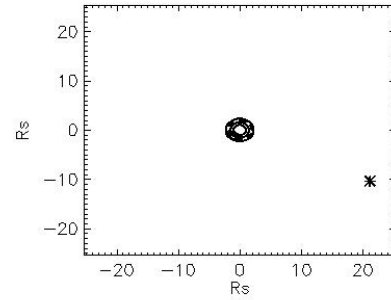
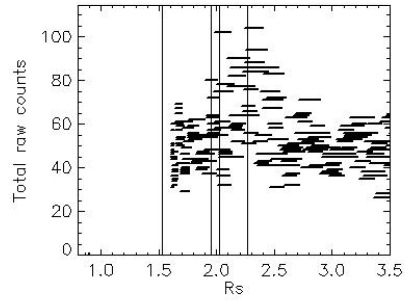
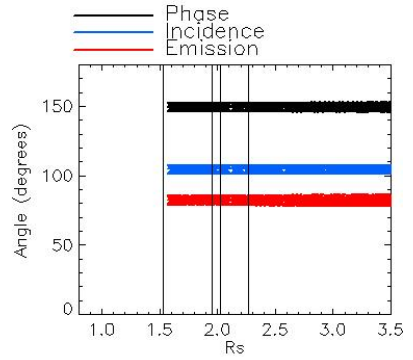
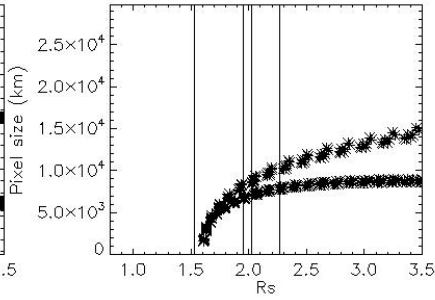
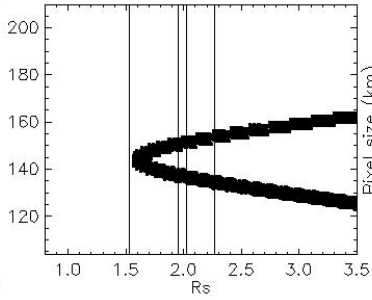
Observation Name:
UVS_034RLSUBMU07HP001_CIRS

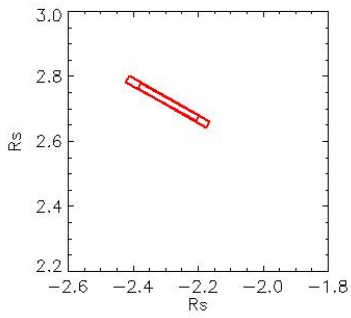
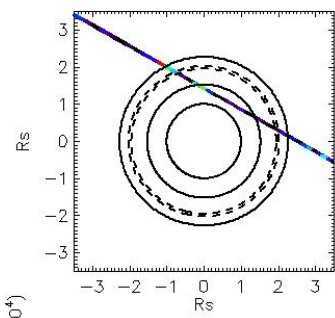
Observation Date:
2006_333_18_35_03

Observation Duration:
4200 S

Integration time = 600 S

S/C—Observation Point Distance (10^4)



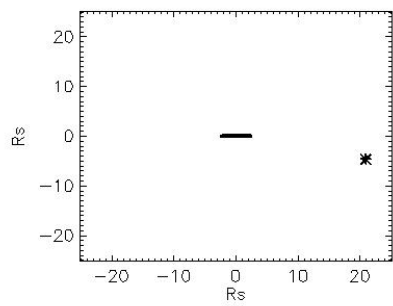
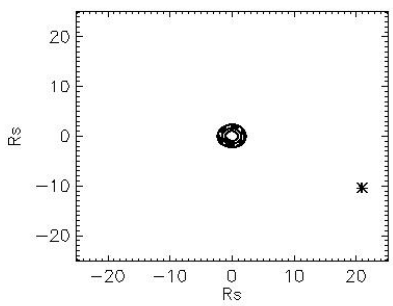
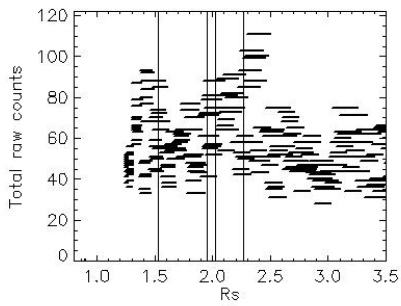
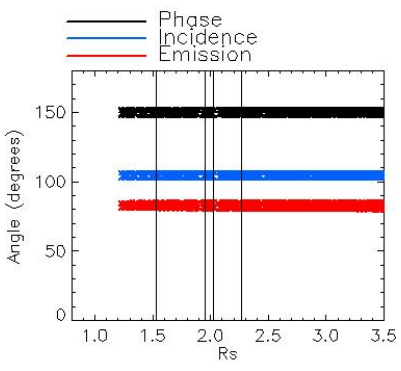
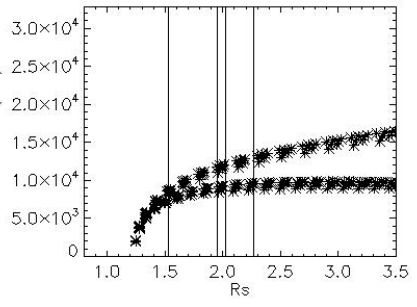
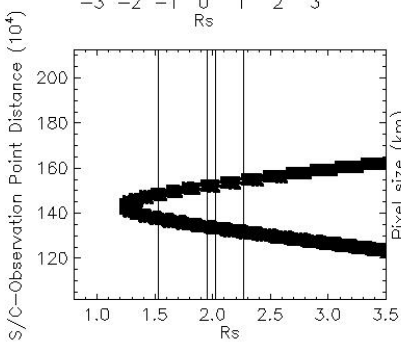


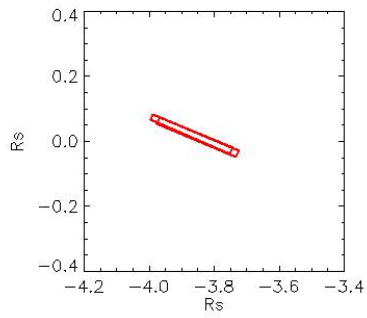
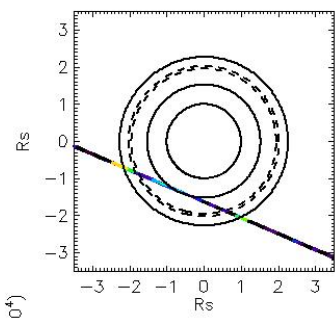
Observation Name:
UVS_034RLSUBMU07HP001_CIRS

Observation Date:
2006_333_19_50_03

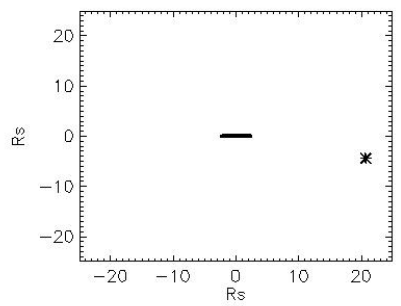
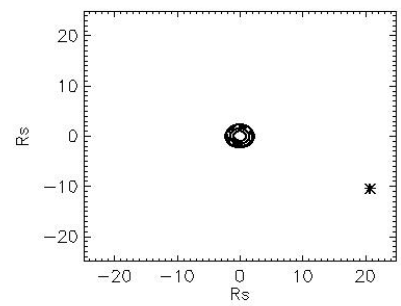
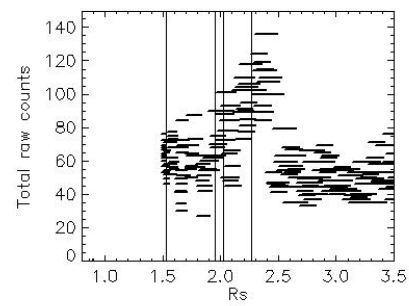
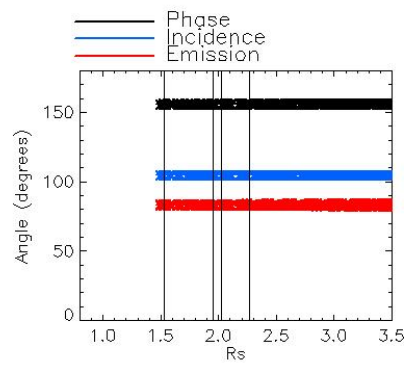
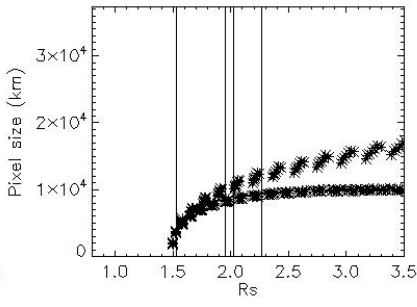
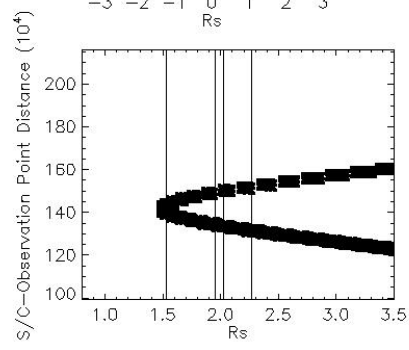
Observation Duration:
4200 S

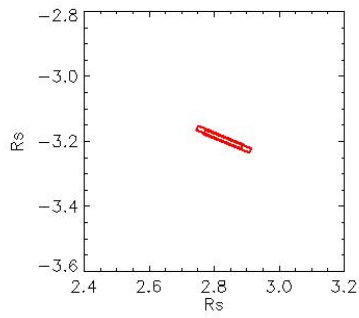
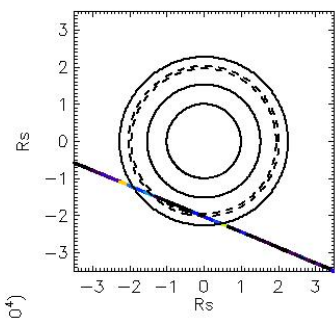
Integration time = 600 S





Observation Name:
 UVS_034RLSUBMU07HP001_CIRS
 Observation Date:
 2006_333_21_07_03
 Observation Duration:
 4200 S
 Integration time = 600 S



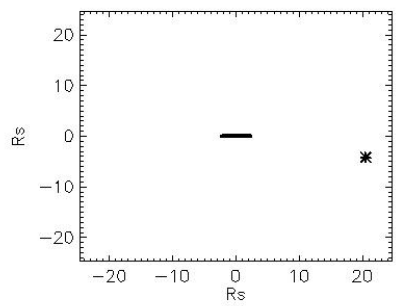
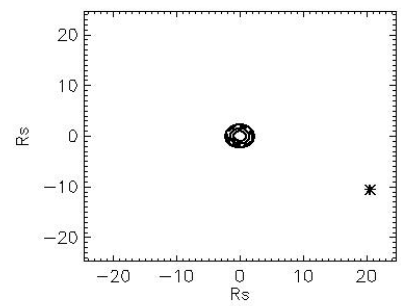
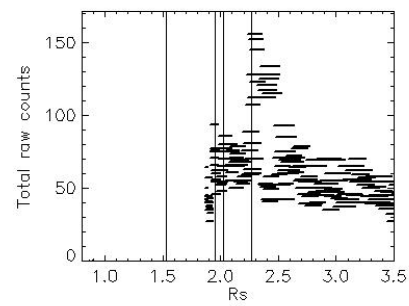
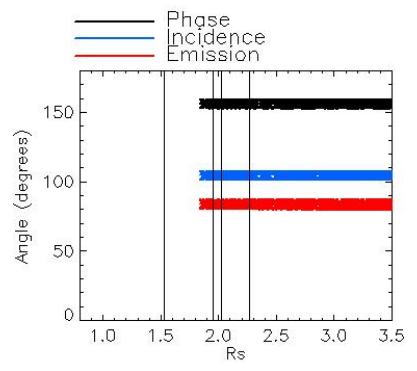
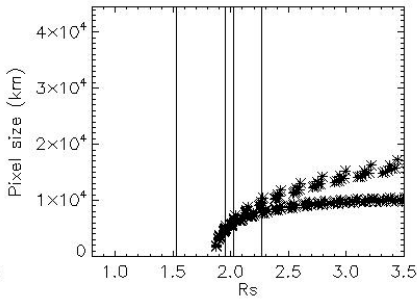
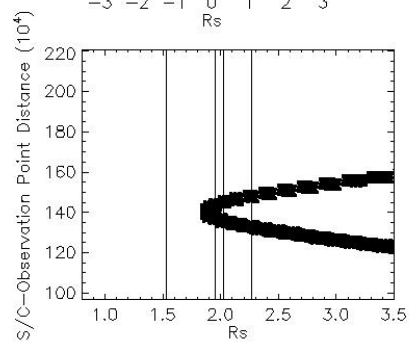


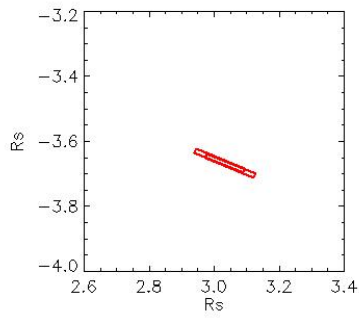
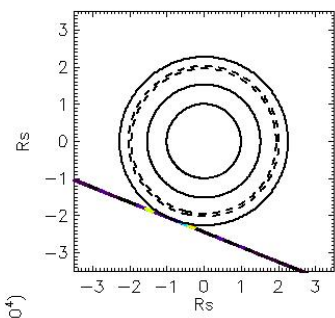
Observation Name:
UVS_034RLSUBMU07HP001_CIRS

Observation Date:
2006_333_22_22_03

Observation Duration:
4200 S

Integration time = 600 S



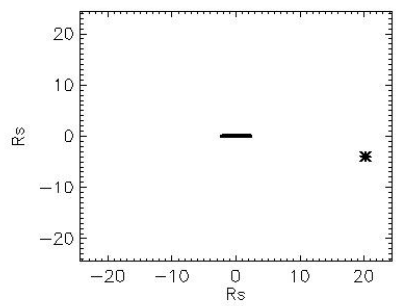
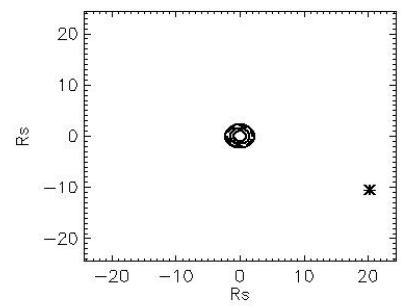
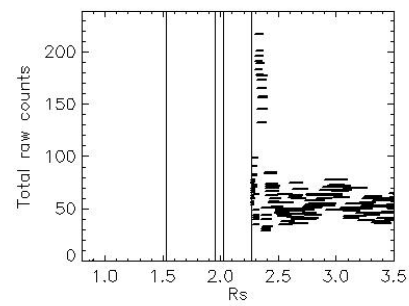
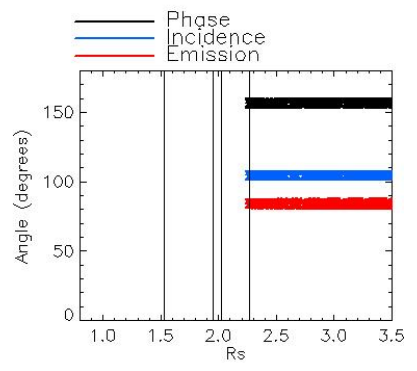
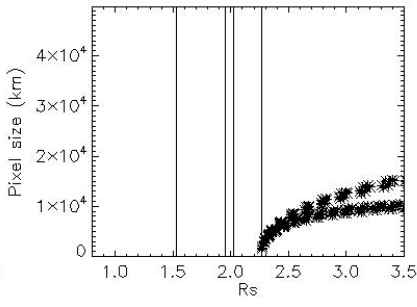
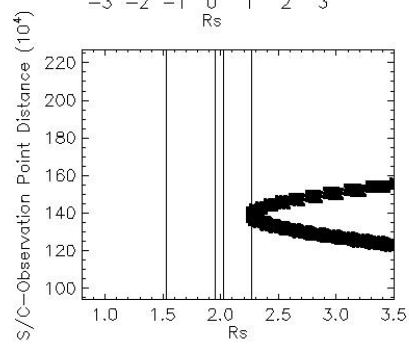


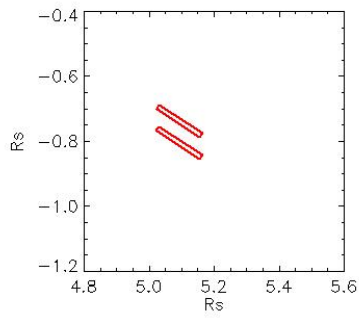
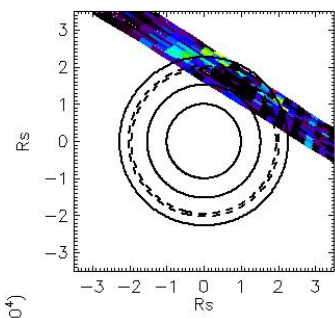
Observation Name:
UVS_034RLSUBMU07HP001_CIRS

Observation Date:
2006_333_23_37_03

Observation Duration:
4200 S

Integration time = 600 S



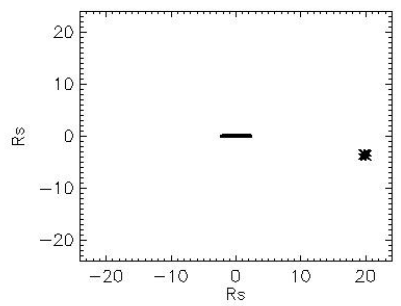
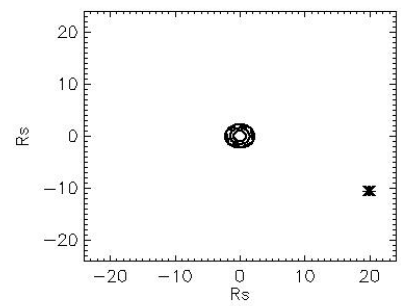
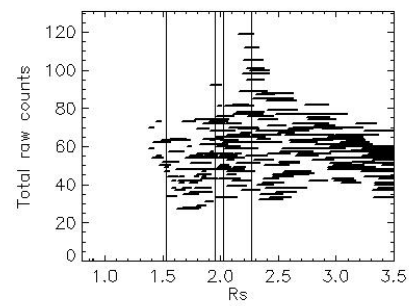
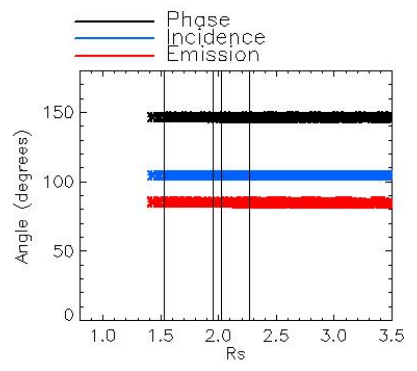
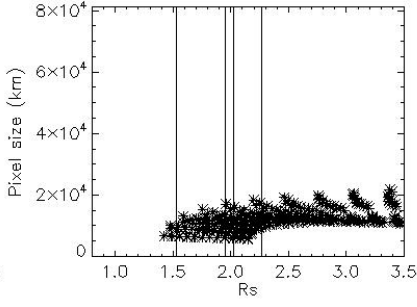
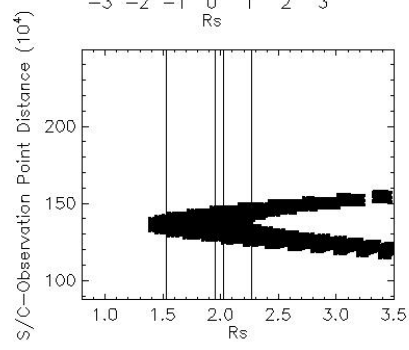


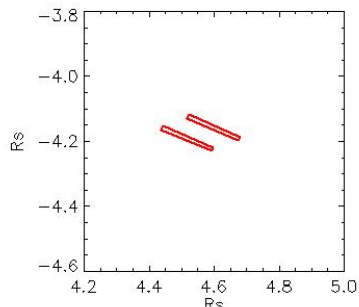
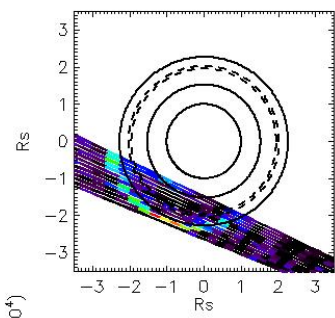
Observation Name:
UMS_034RLTEMPU05HP001_CIRS

Observation Date:
2006_334_01_22_03

Observation Duration:
7200 S

Integration time = 600 S



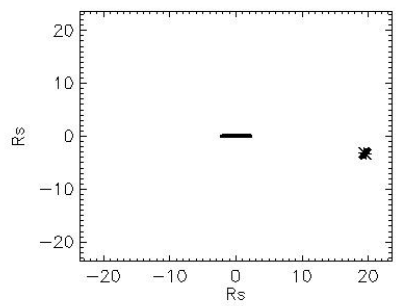
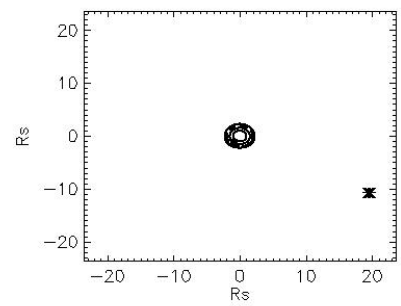
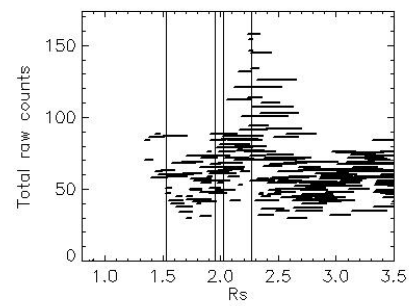
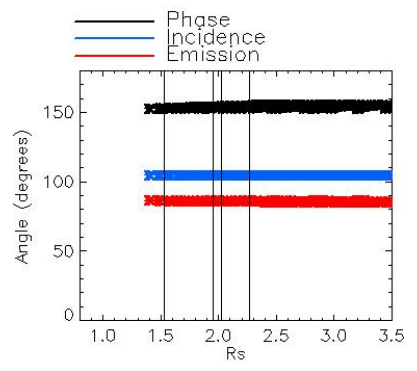
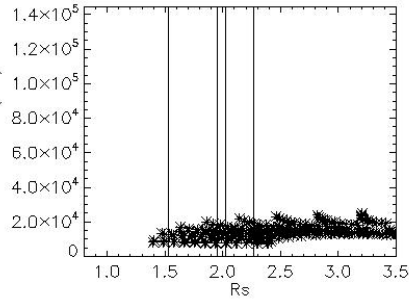
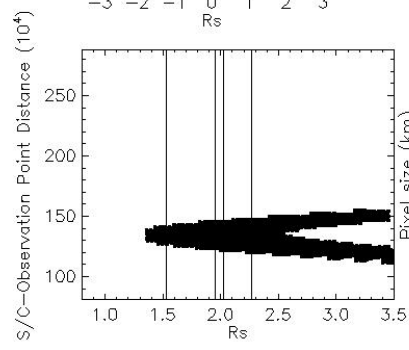


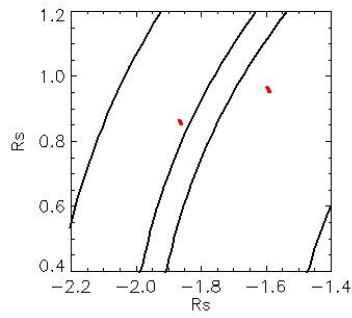
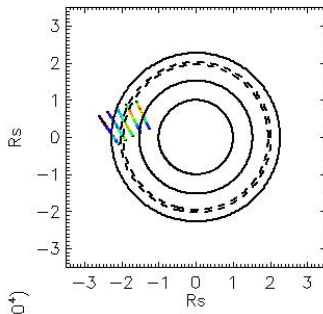
Observation Name:
UMS_034RLTEMPU05HP001_CIRS

Observation Date:
2006_334_03_27_03

Observation Duration:
7200 S

Integration time = 600 S



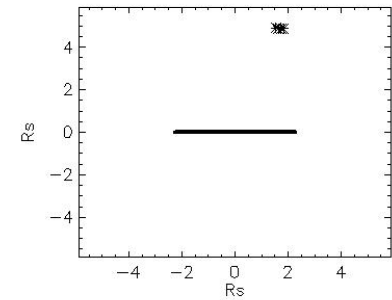
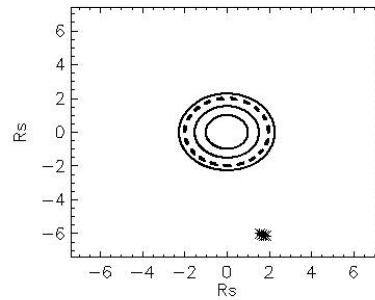
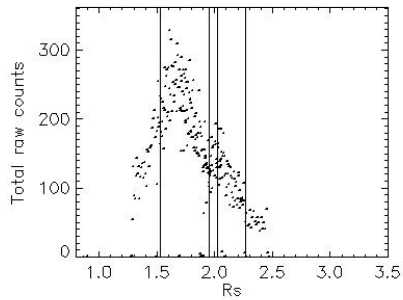
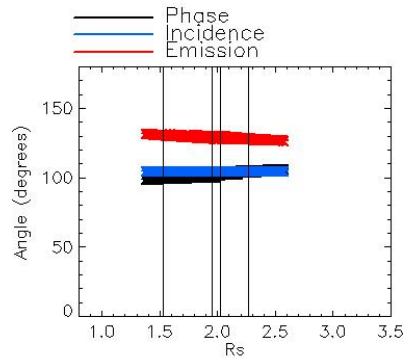
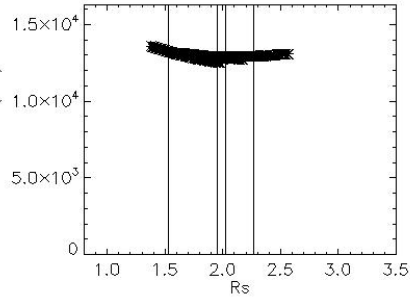
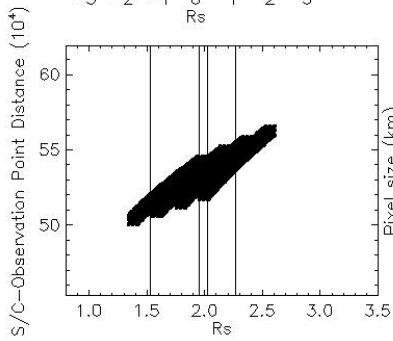


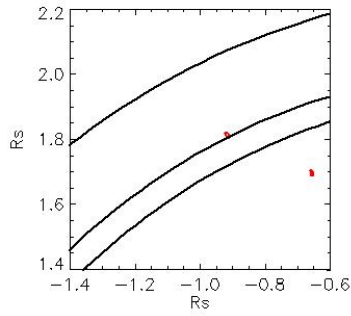
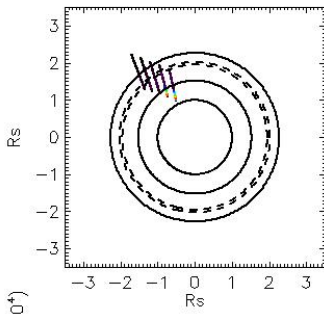
Observation Name:
UMS_034RLVERTLMP001_CIRS

Observation Date:
2006_336_09_28_01

Observation Duration:
2400 S

Integration time = 600 S



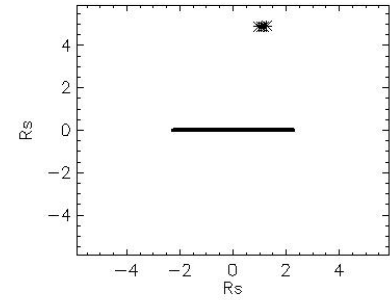
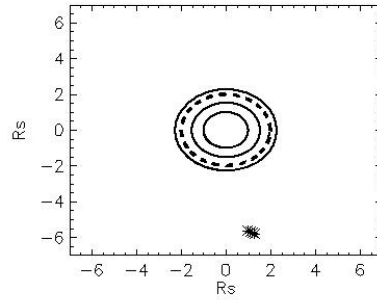
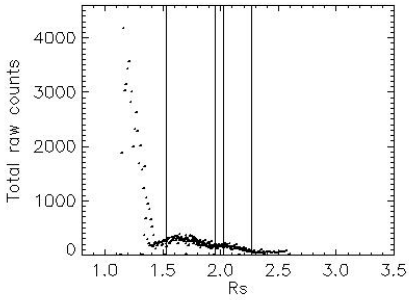
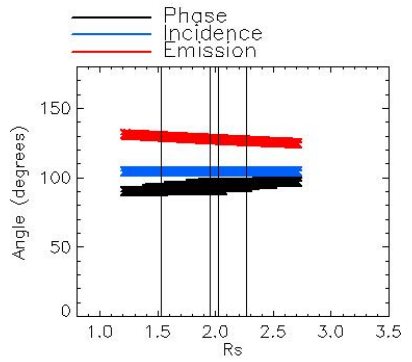
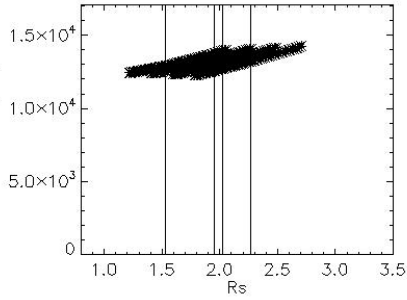
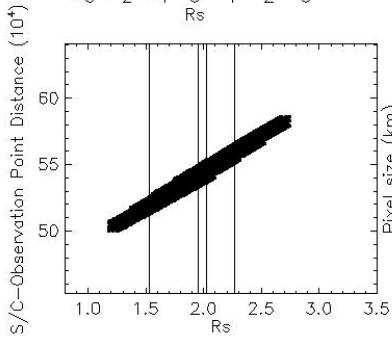


Observation Name:
UMS_034RLVERTLMP001_CIRS

Observation Date:
2006_336_10_25_31

Observation Duration:
2400 S

Integration time = 600 S

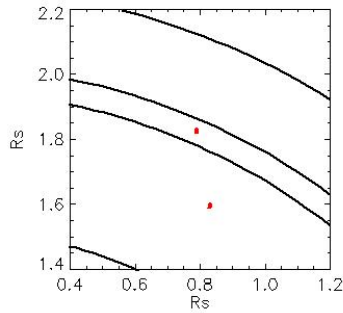
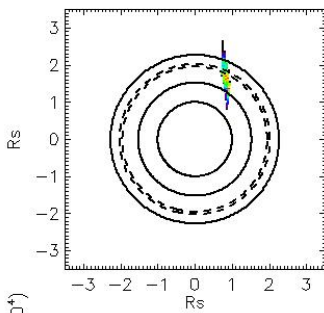


Observation Name:
UMS_034RLVERTLMP001_CIRS

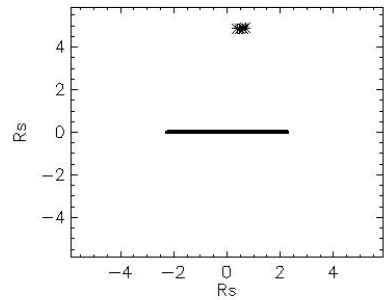
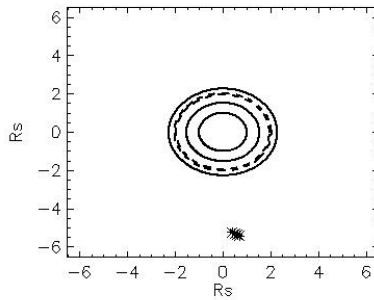
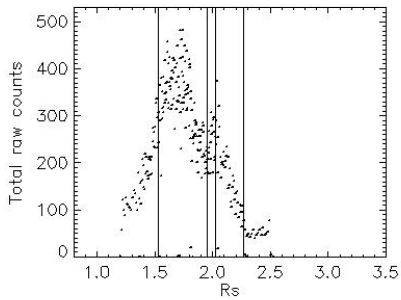
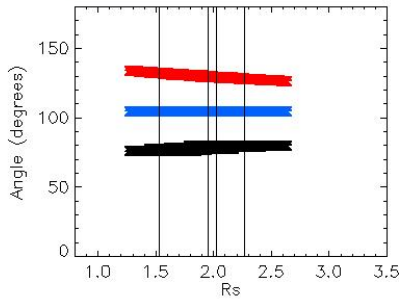
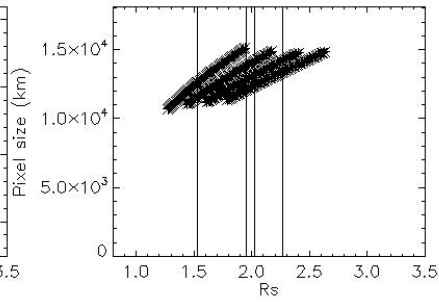
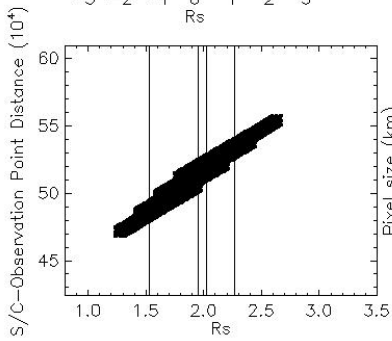
Observation Date:
2006_336_11_23_01

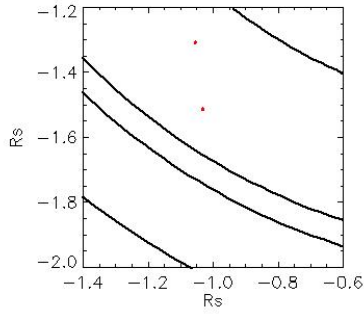
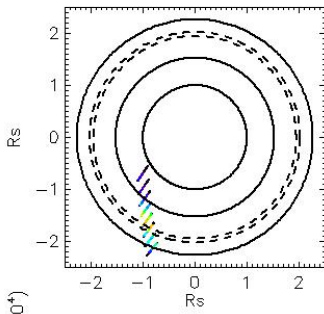
Observation Duration:
2400 S

Integration time = 600 S



— Phase
— Incidence
— Emission



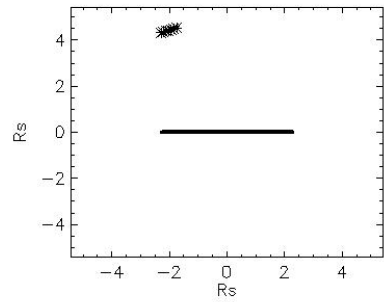
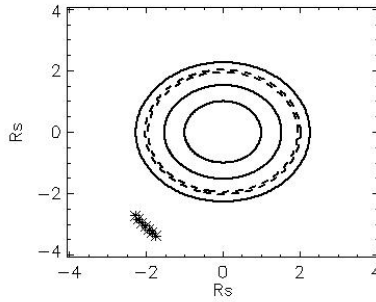
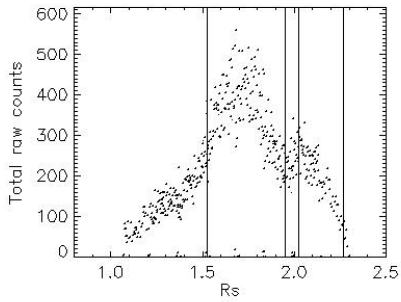
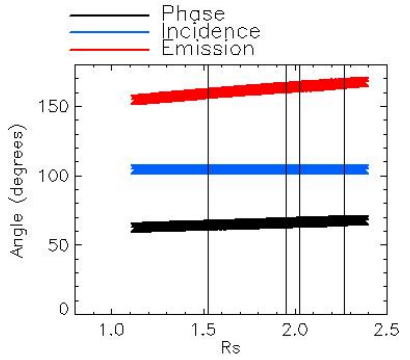
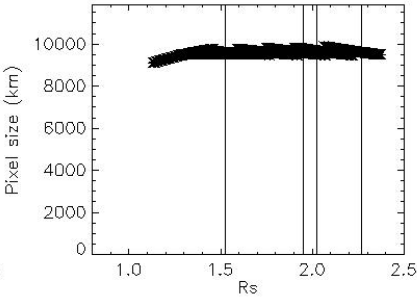
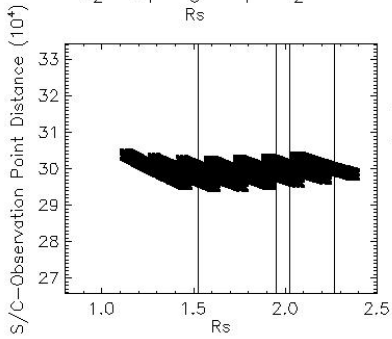


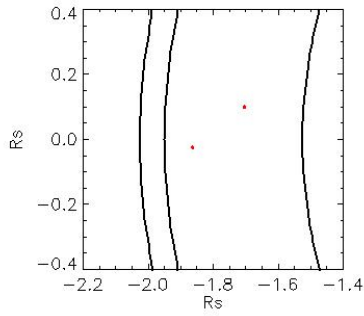
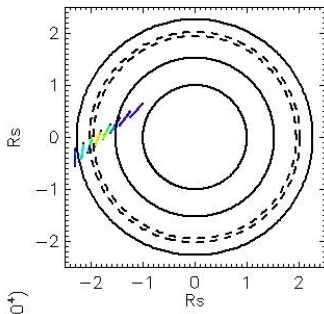
Observation Name:
UMS_034RLVERTLLP001_CIRS

Observation Date:
2006_336_15_21_01

Observation Duration:
4200 S

Integration time = 600 S



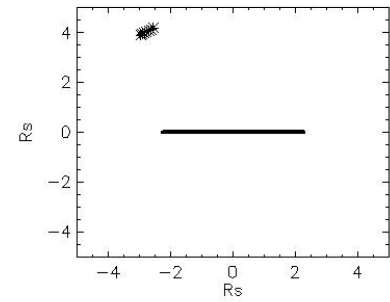
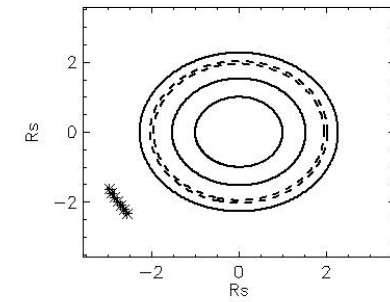
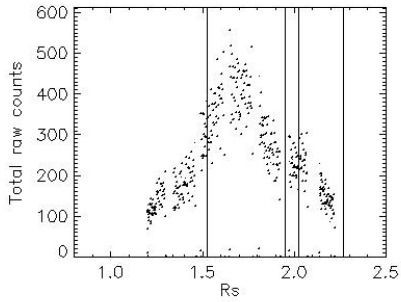
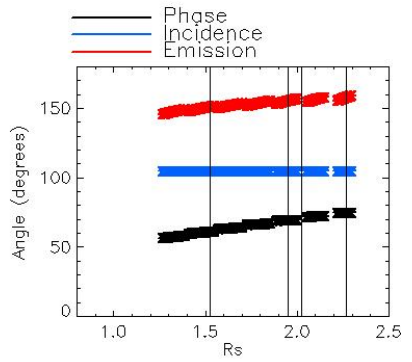
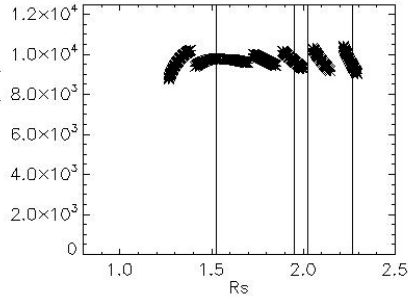
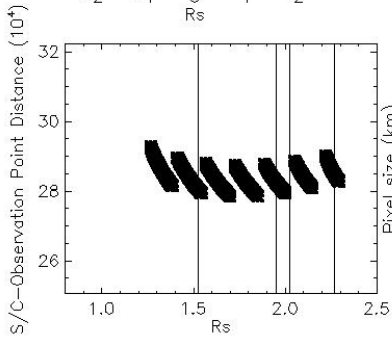


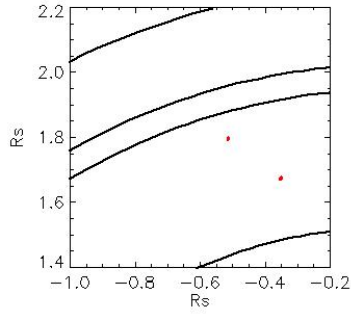
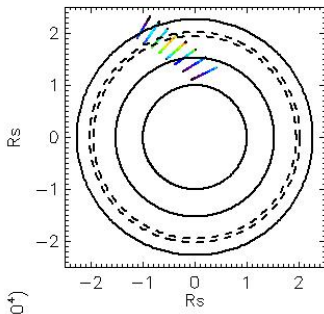
Observation Name:
UMS_034RLVERTLLP001_CIRS

Observation Date:
2006_336_16_55_01

Observation Duration:
4200 S

Integration time = 600 S



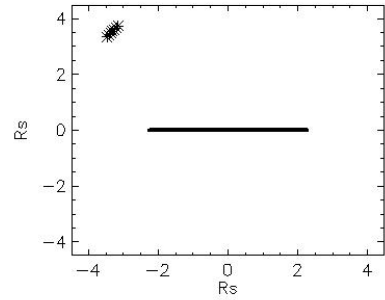
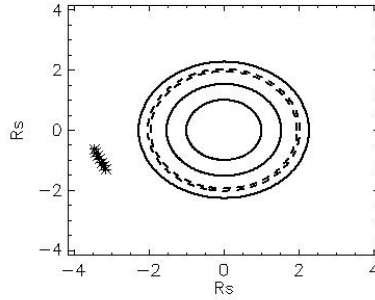
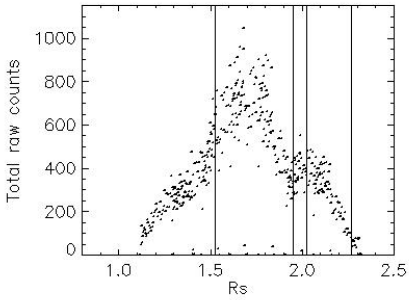
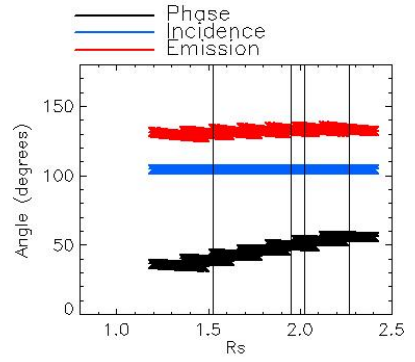
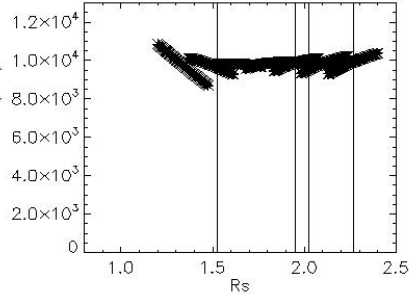
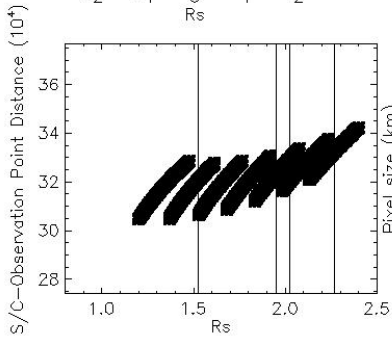


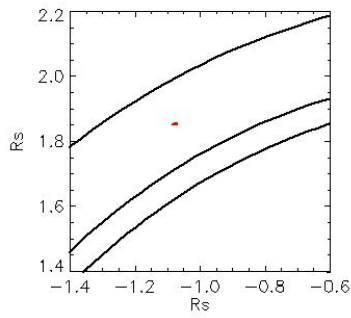
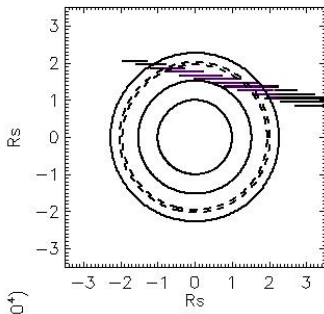
Observation Name:
UMS_034RLVERTLLP001_CIRS

Observation Date:
2006_336_18_24_01

Observation Duration:
4200 S

Integration time = 600 S



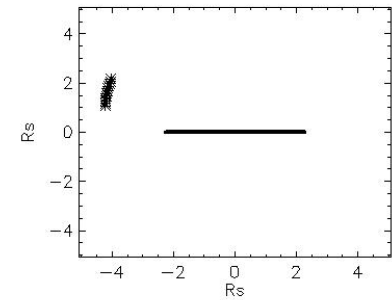
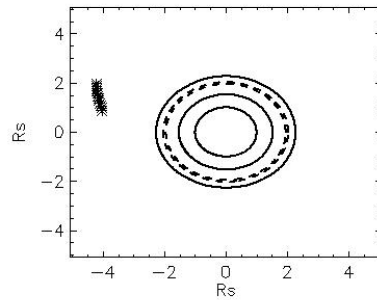
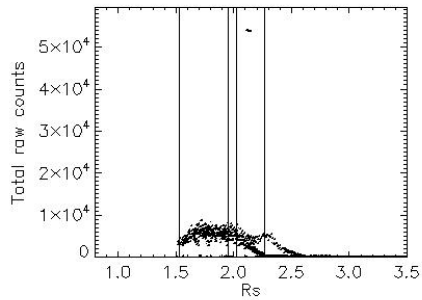
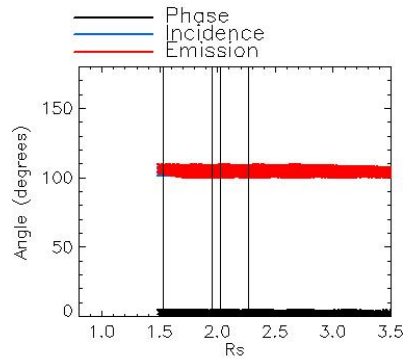
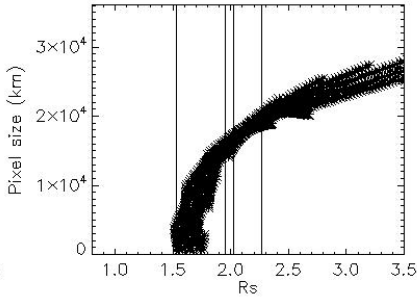
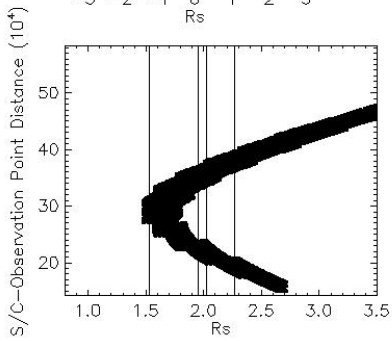


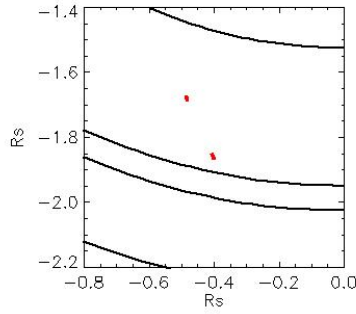
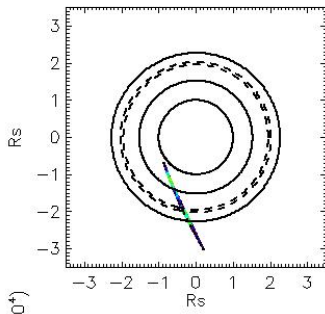
Observation Name:
UVS_034RL0PHASE001_VIMS

Observation Date:
2006_336_21_48_01

Observation Duration:
7200 S

Integration time = 600 S



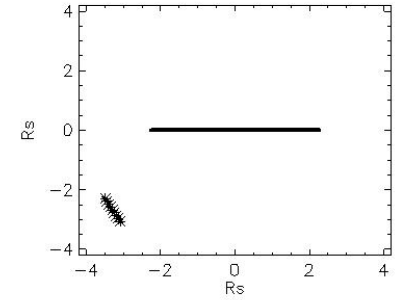
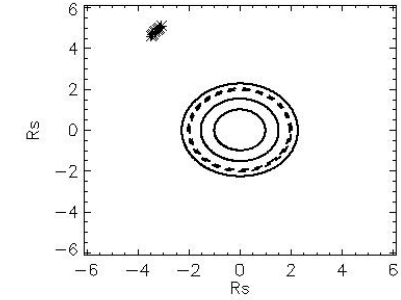
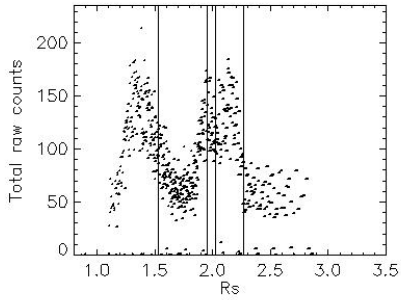
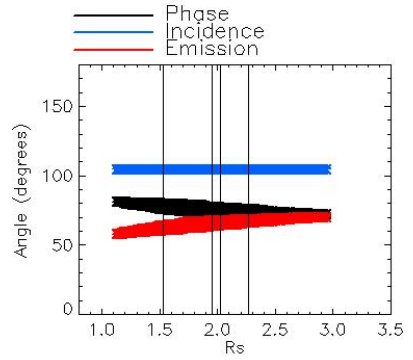
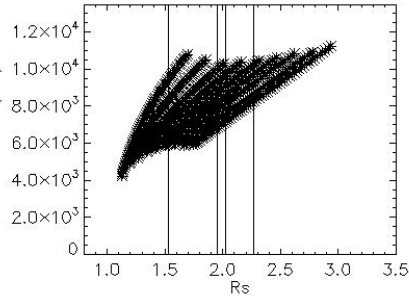
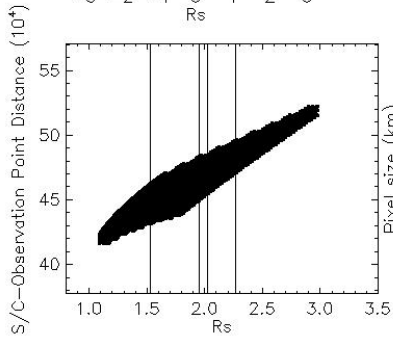


Observation Name:
UMS_034RLVERTULMP001_CIRS

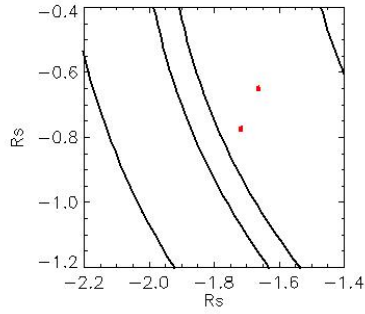
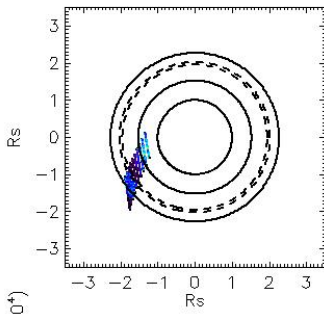
Observation Date:
2006_337_05_00_02

Observation Duration:
5400 S

Integration time = 600 S



— Phase
— Incidence
— Emission

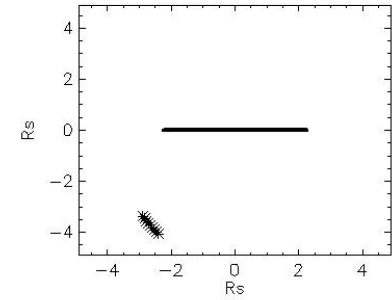
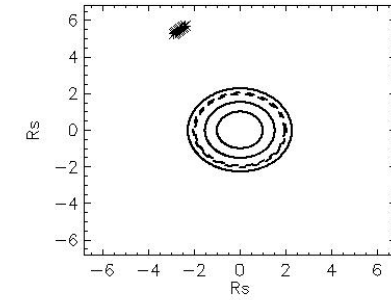
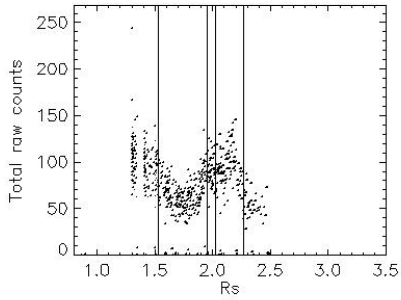
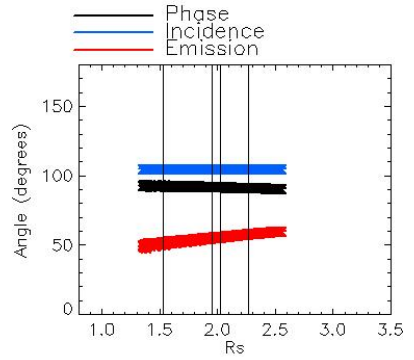
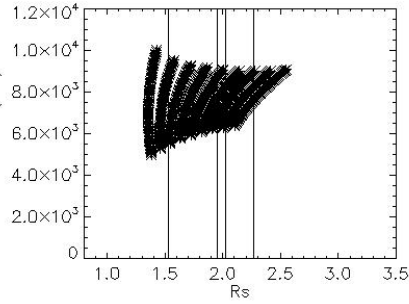
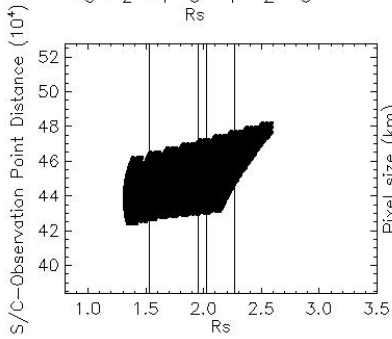


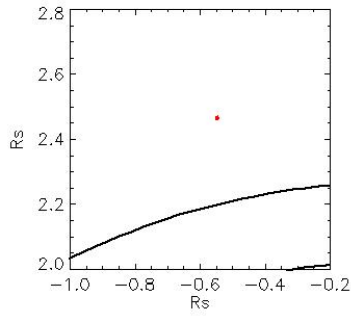
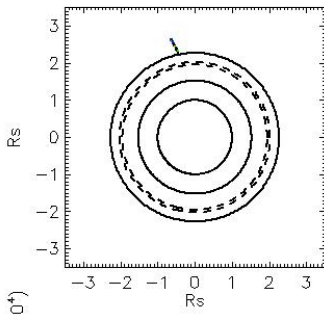
Observation Name:
UMS_034RLVERTULMP001_CIRS

Observation Date:
2006_337_06_53_02

Observation Duration:
5400 S

Integration time = 600 S



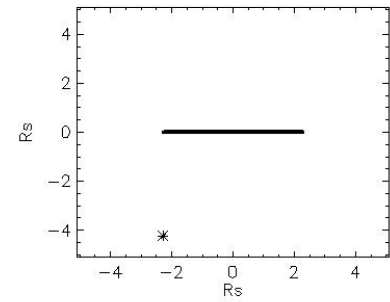
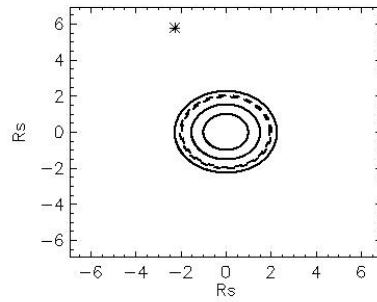
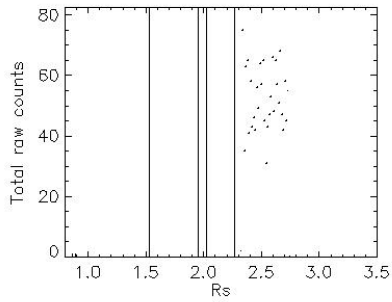
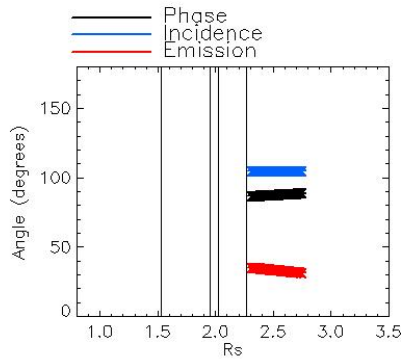
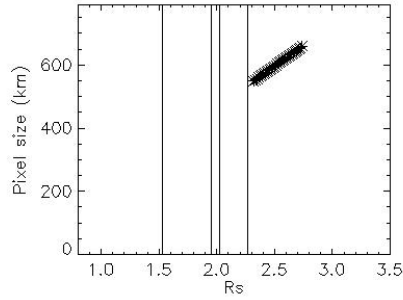
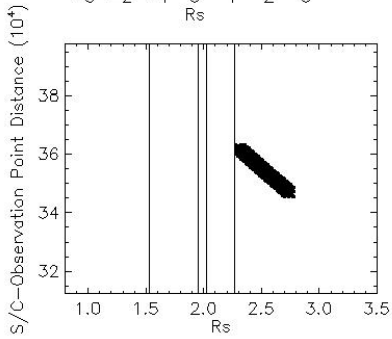


Observation Name:
UMS_034RLVERTULMP001_CIRS

Observation Date:
2006_337_08_30_02

Observation Duration:
300 S

Integration time = 300 S

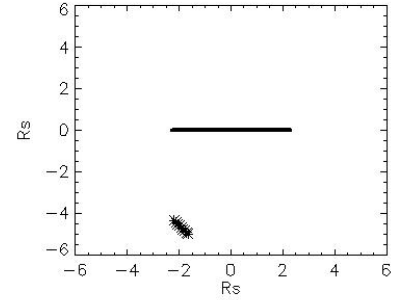
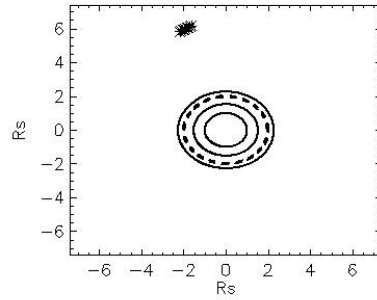
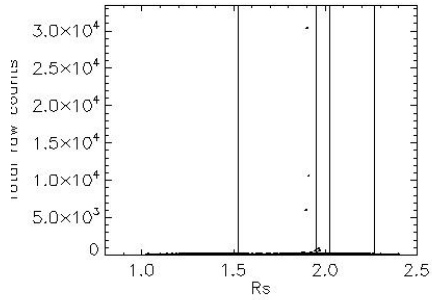
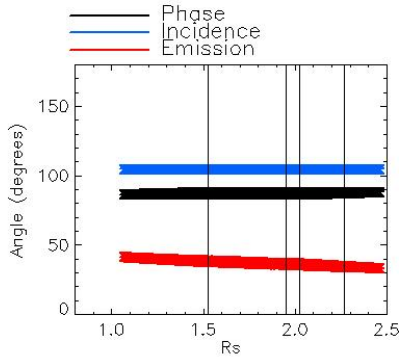
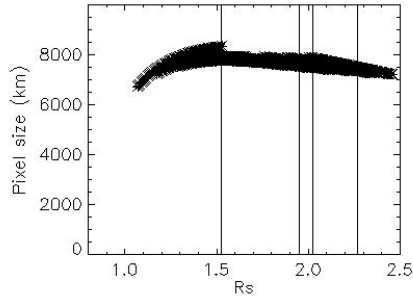
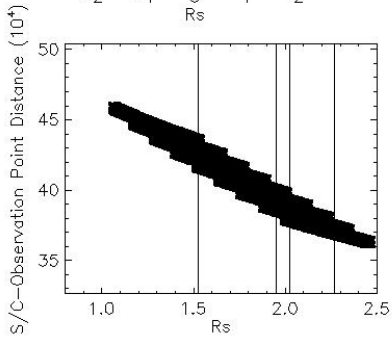
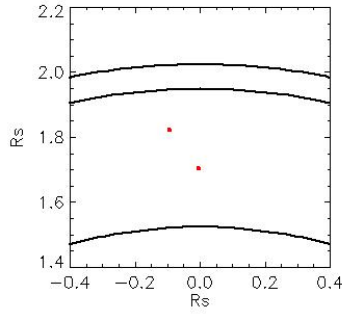
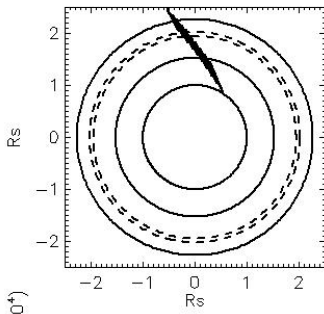


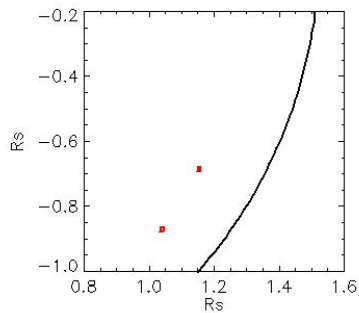
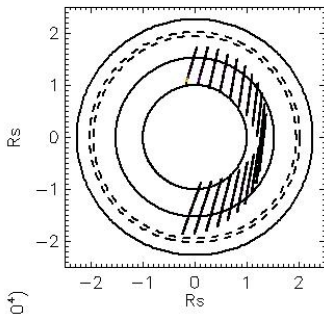
Observation Name:
UMS_034RLVERTULMP001_CIRS

Observation Date:
2006_337_08_46_02

Observation Duration:
5400 S

Integration time = 600 S



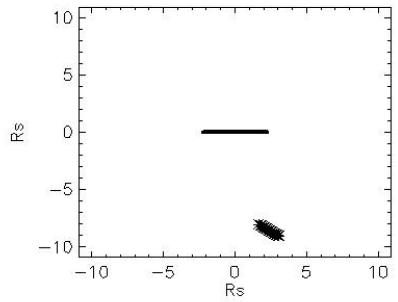
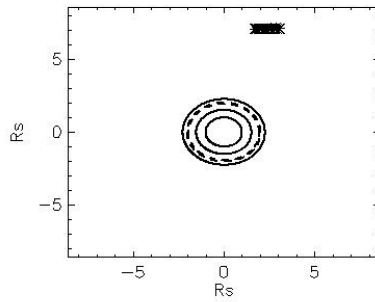
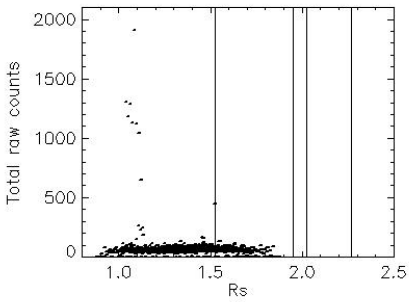
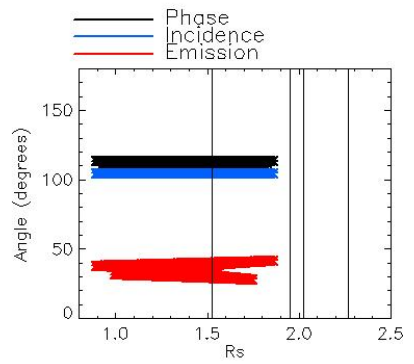
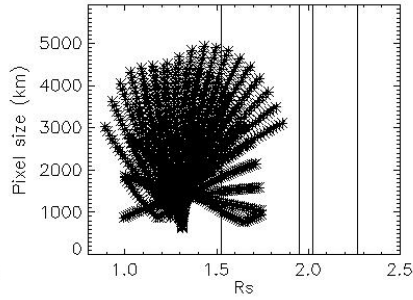
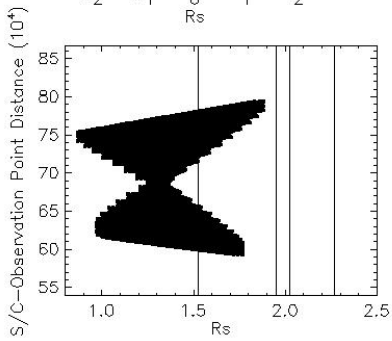


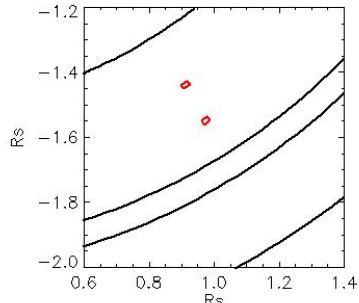
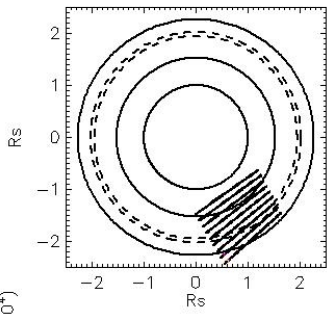
Observation Name:
UVIS_034RC_SHADULMP001_CIRS

Observation Date:
2006_337_17_30_01

Observation Duration:
12000 S

Integration time = 600 S



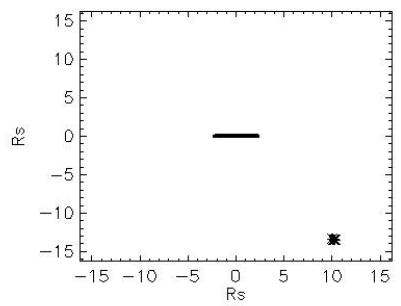
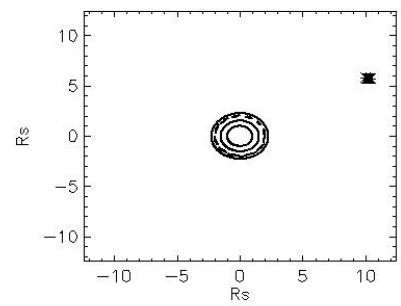
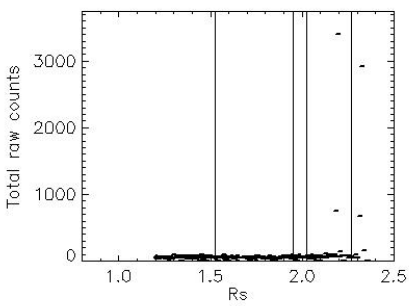
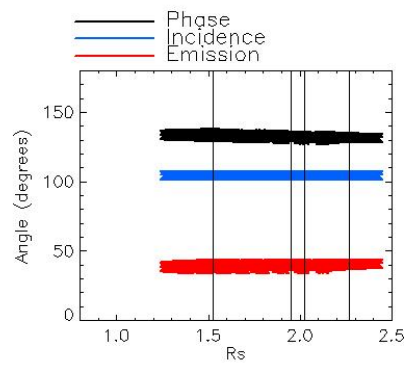
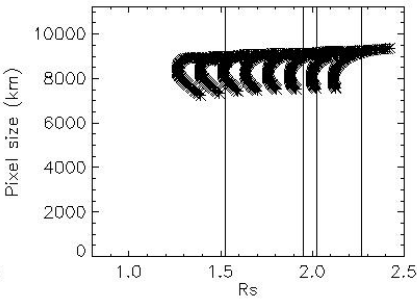
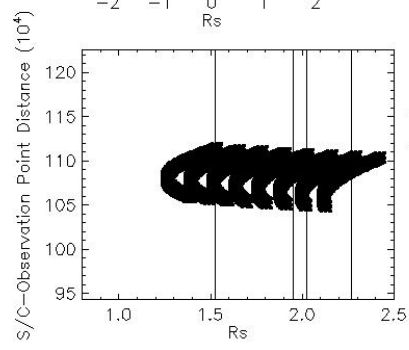


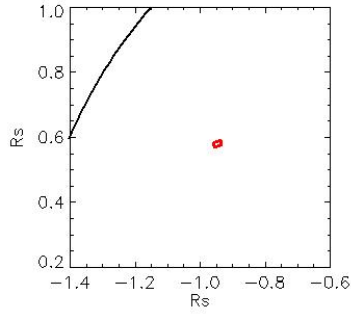
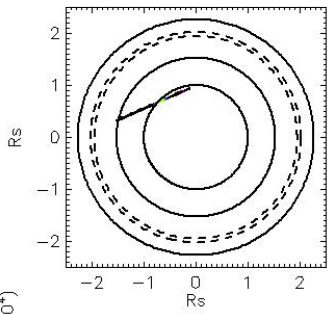
Observation Name:
UMS_034RLSPLITISS001_CIRS

Observation Date:
2006_338_16_15_03

Observation Duration:
4800 S

Integration time = 600 S



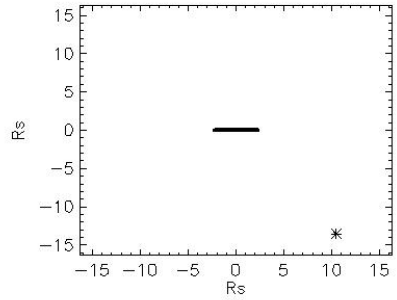
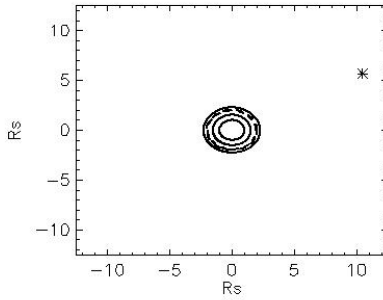
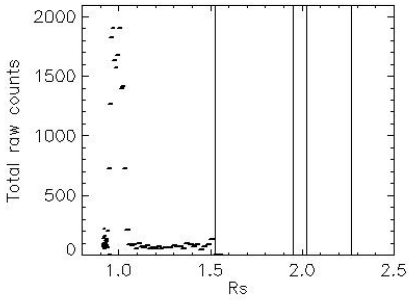
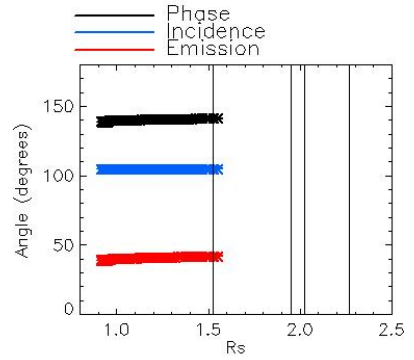
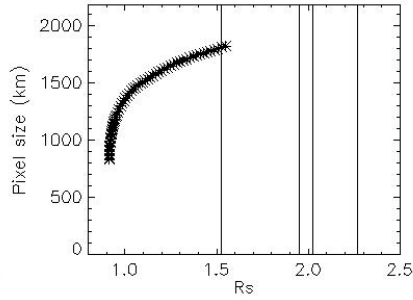
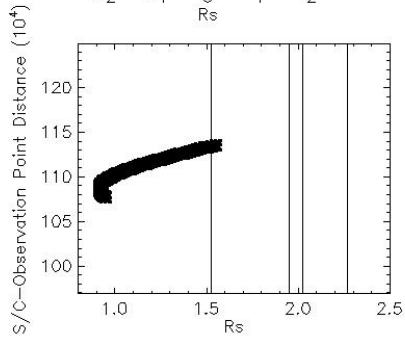


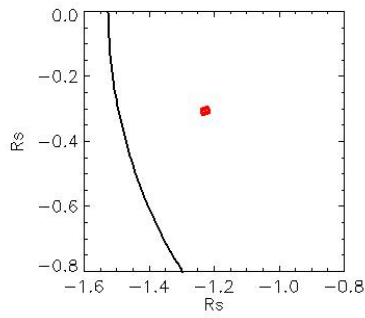
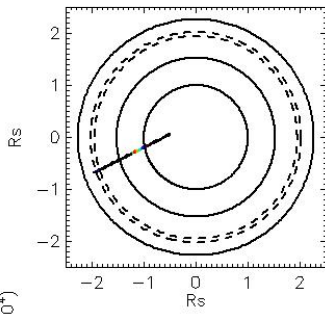
Observation Name:
UMS_034RLSPLITISS001_CIRS

Observation Date:
2006_338_17_45_02

Observation Duration:
600 S

Integration time = 600 S



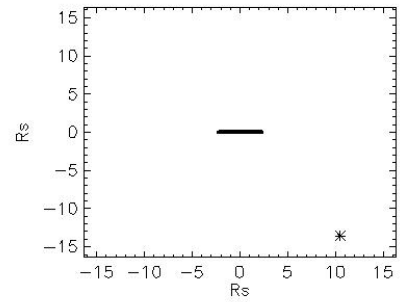
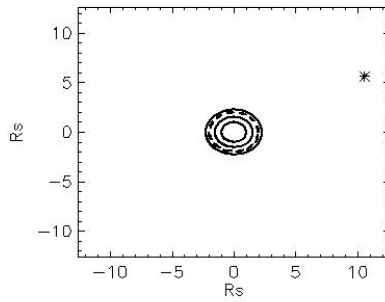
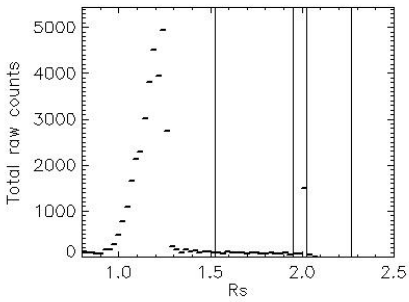
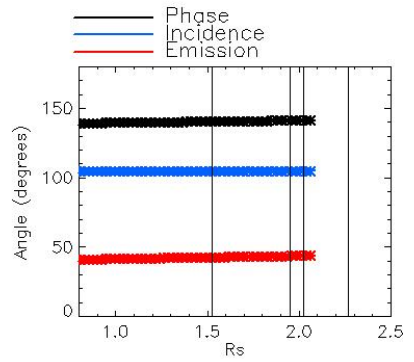
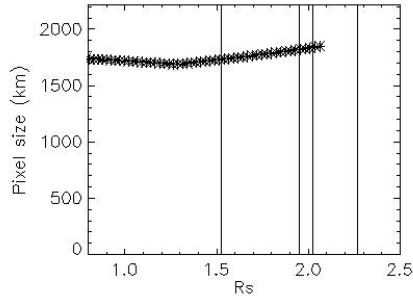
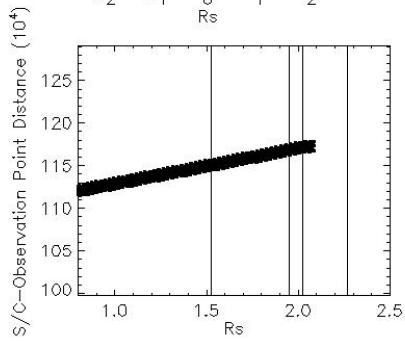


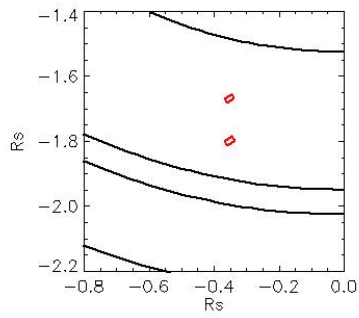
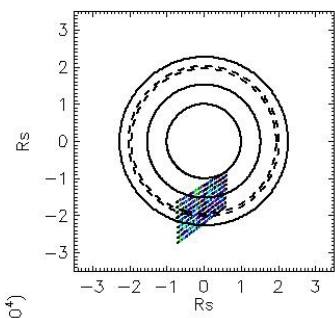
Observation Name:
UVS_034RLSPLITISS001_CIRS

Observation Date:
2006_338_18_00_02

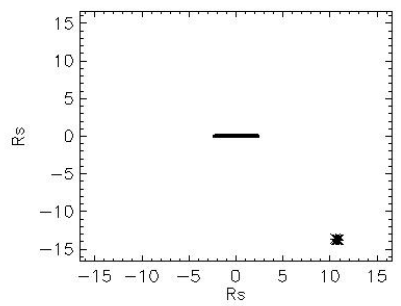
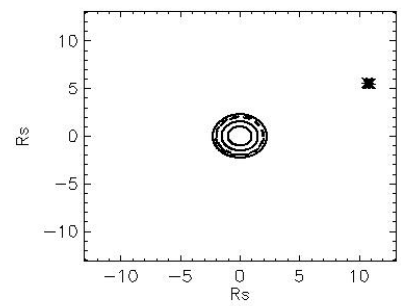
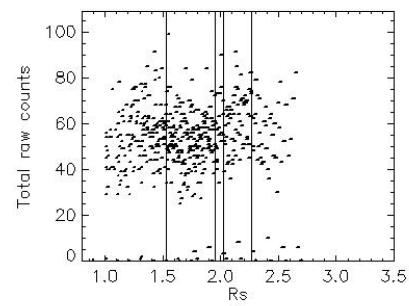
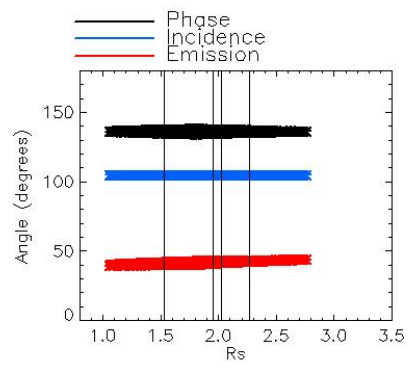
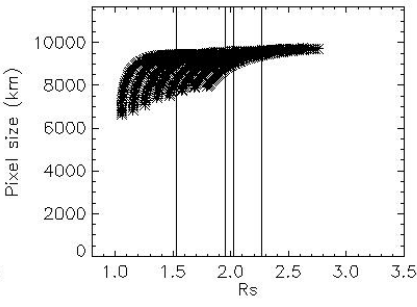
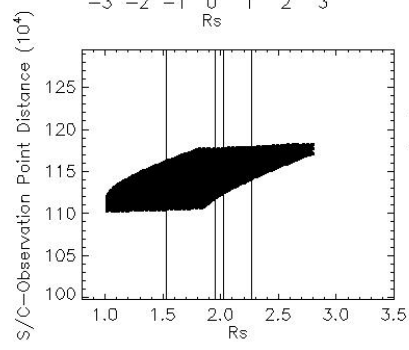
Observation Duration:
600 S

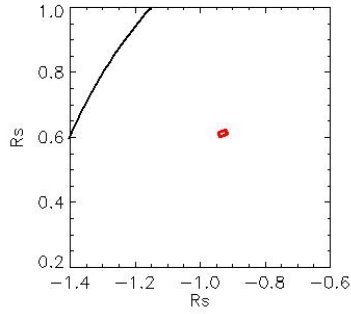
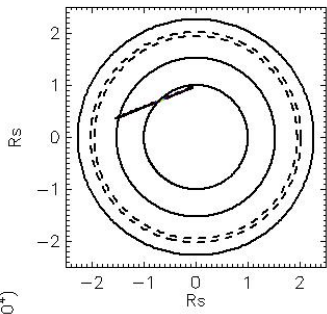
Integration time = 600 S





Observation Name:
 UVS_034RLSPLITISS001_CIRS
 Observation Date:
 2006_338_18_17_02
 Observation Duration:
 4800 S
 Integration time = 600 S



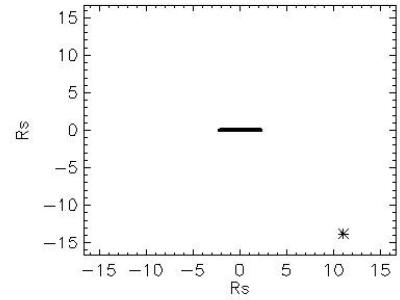
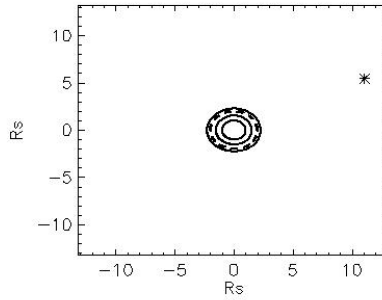
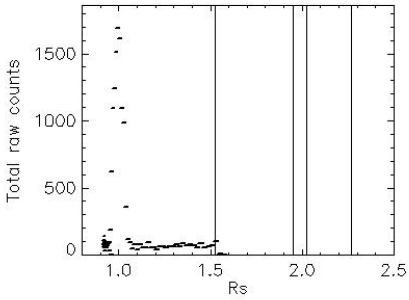
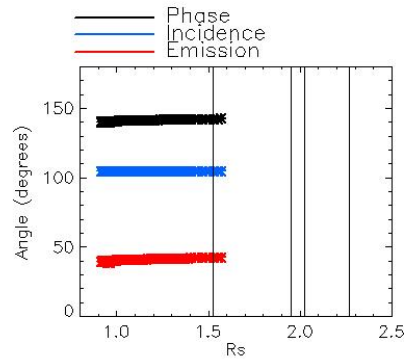
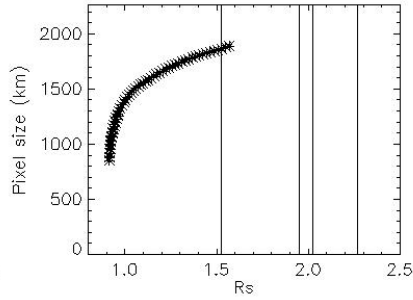
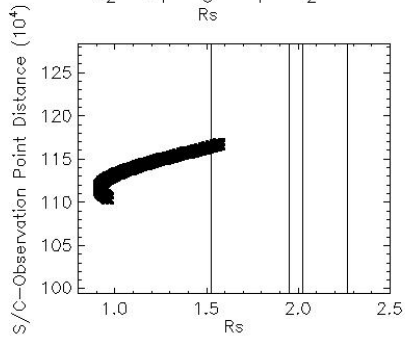


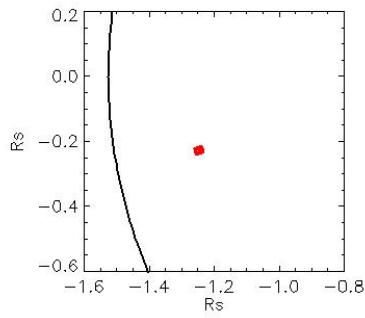
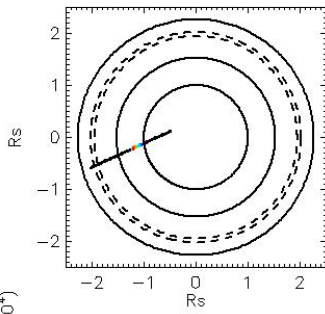
Observation Name:
UMS_034RLSPLITISS001_CIRS

Observation Date:
2006_338_19_47_02

Observation Duration:
600 S

Integration time = 600 S





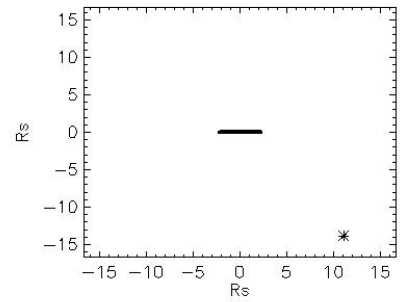
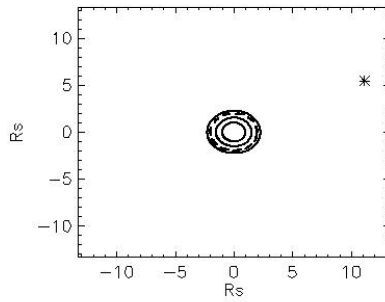
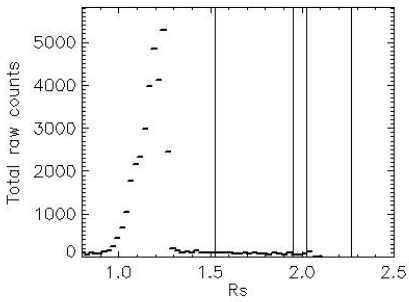
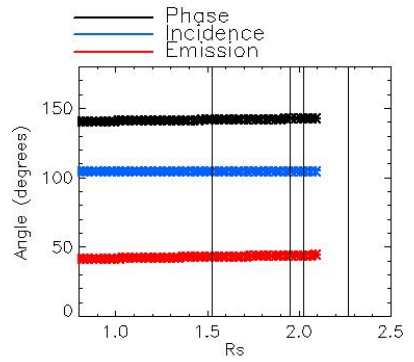
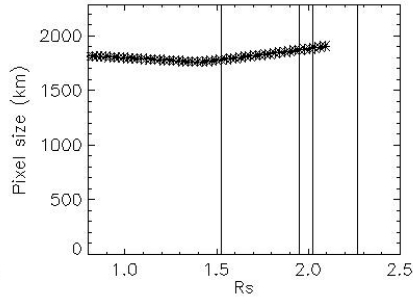
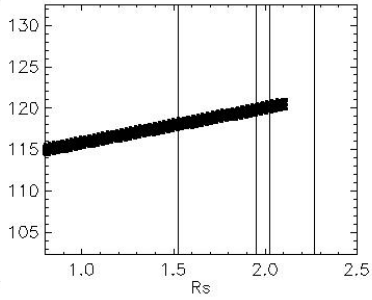
Observation Name:
UVS_034RLSPLITISS001_CIRS

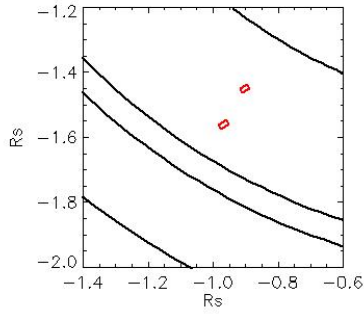
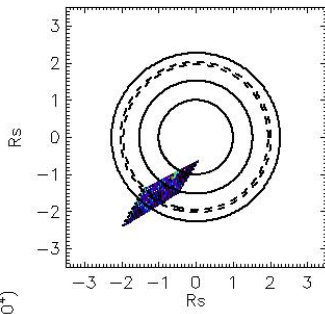
Observation Date:
2006_338_20_02_02

Observation Duration:
600 S

Integration time = 600 S

S/C—Observation Point Distance (10^4)



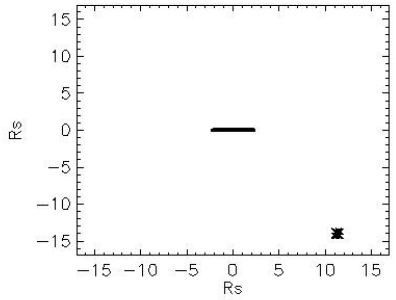
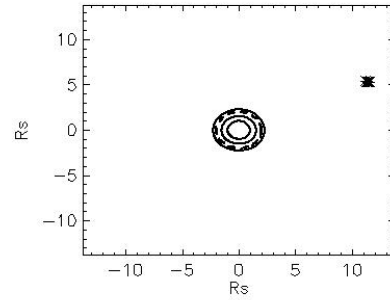
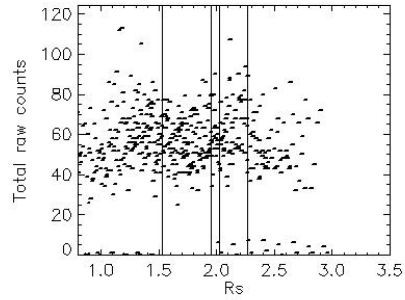
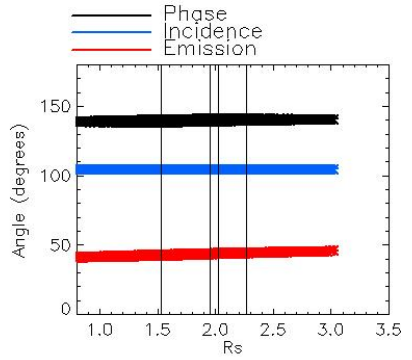
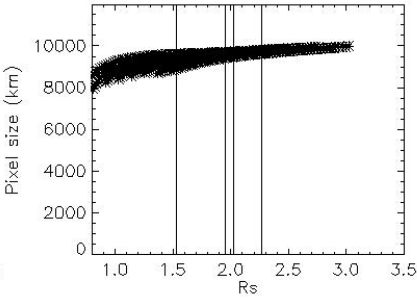
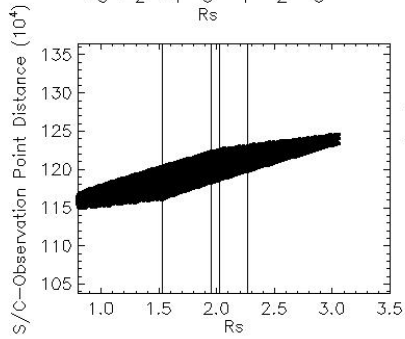


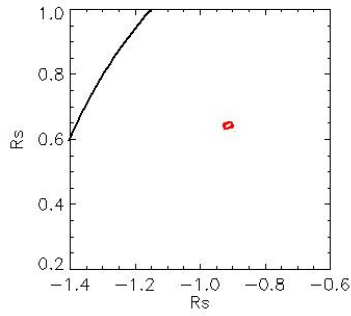
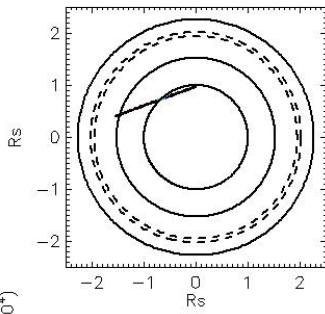
Observation Name:
UMS_034RLSPLITISS001_CIRS

Observation Date:
2006_338_20_19_02

Observation Duration:
4800 S

Integration time = 600 S





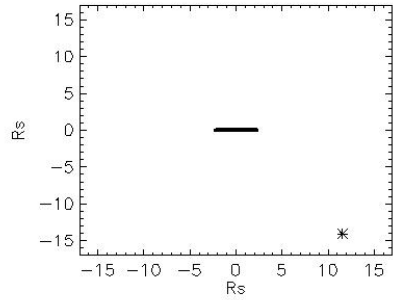
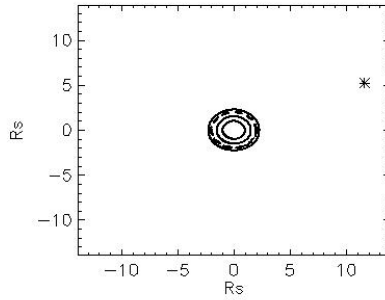
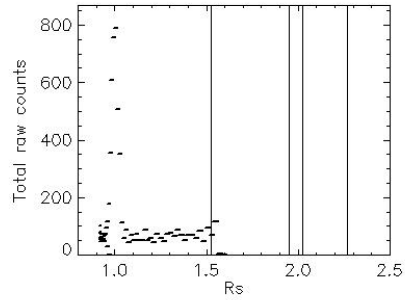
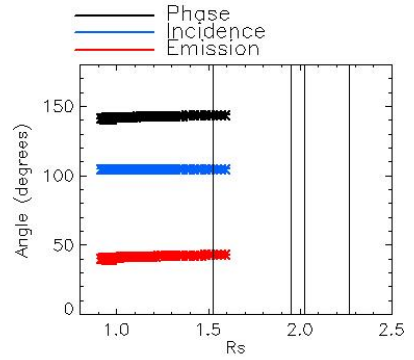
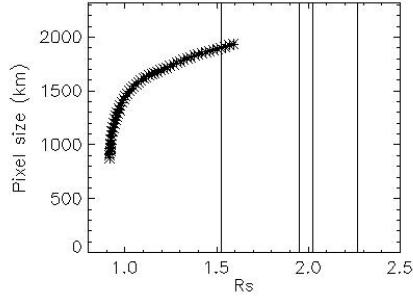
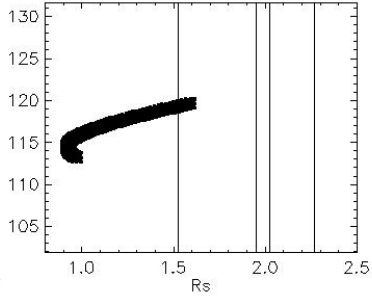
Observation Name:
UMS_034RLSPLITISS001_CIRS

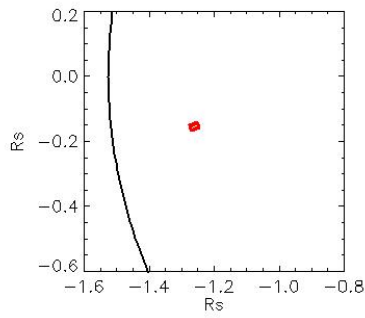
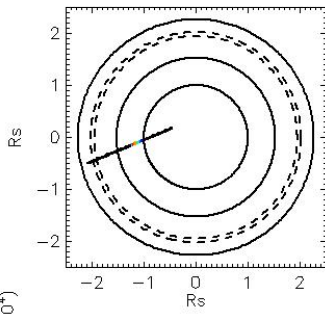
Observation Date:
2006_338_21_49_02

Observation Duration:
600 S

Integration time = 600 S

S/C—Observation Point Distance (10^4)



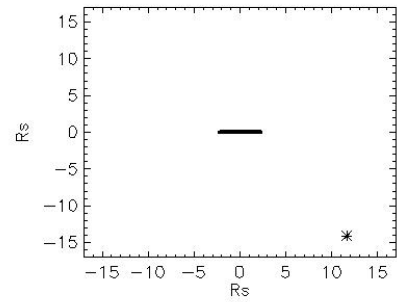
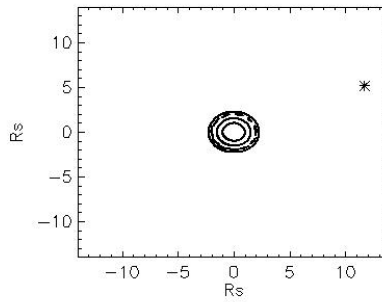
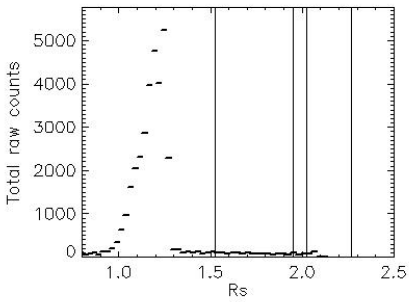
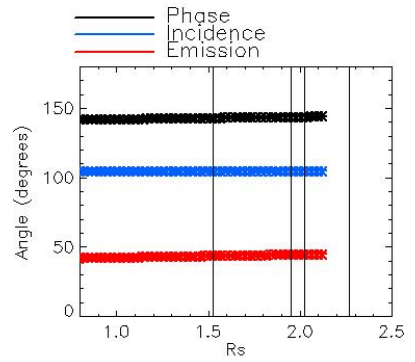
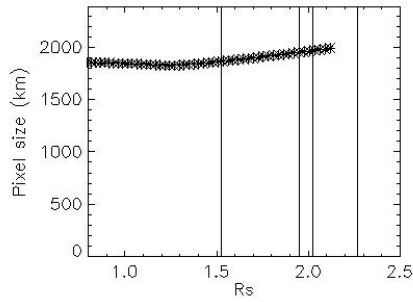
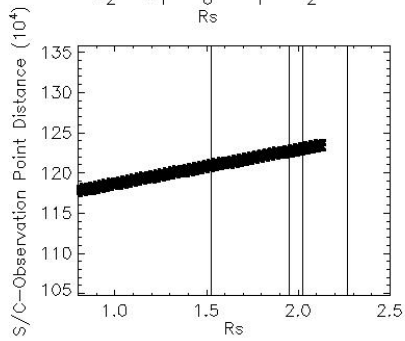


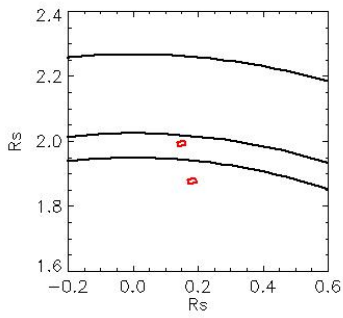
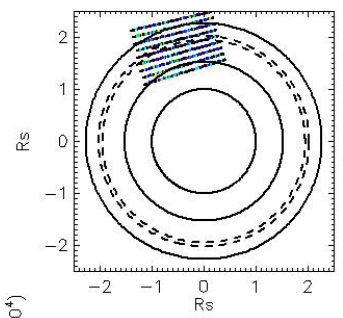
Observation Name:
UVS_034RLSPLITISS001_CIRS

Observation Date:
2006_338_22_04_03

Observation Duration:
600 S

Integration time = 600 S



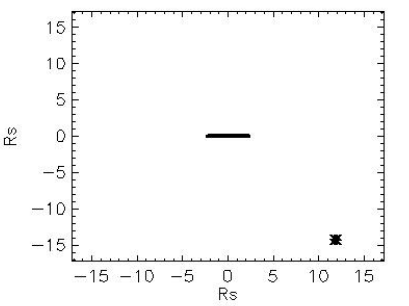
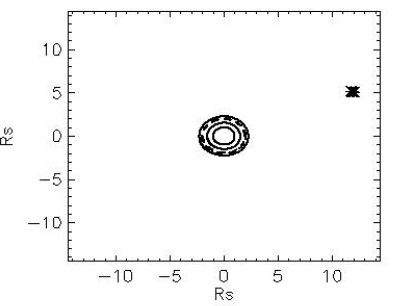
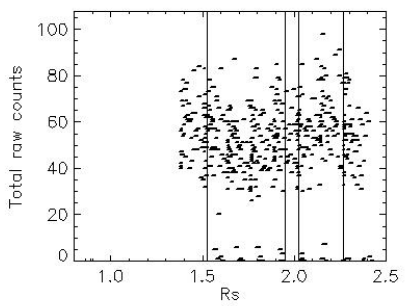
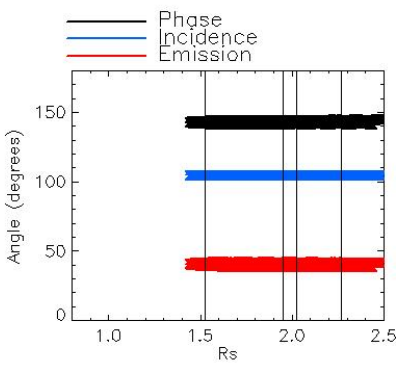
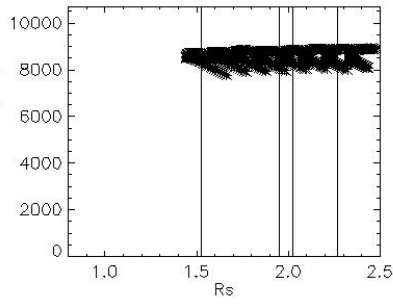
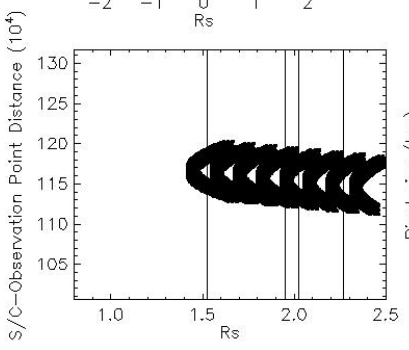


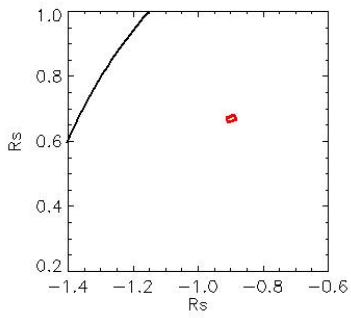
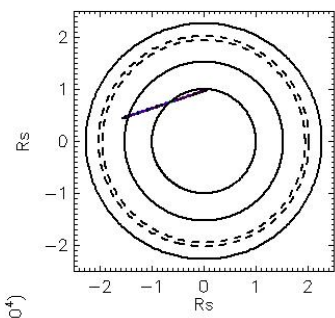
Observation Name:
UVS_034RLSPLITISS001_CIRS

Observation Date:
2006_338_22_21_03

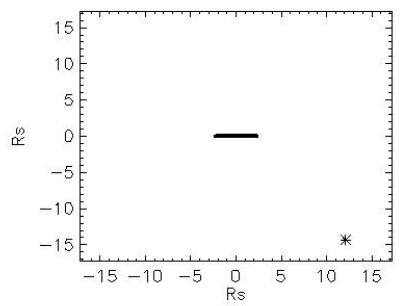
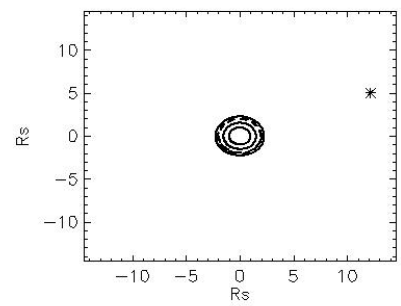
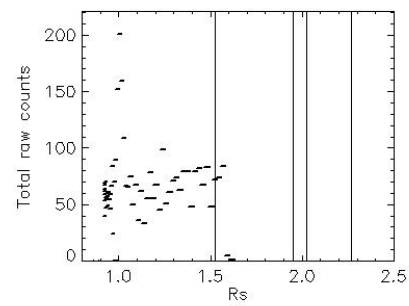
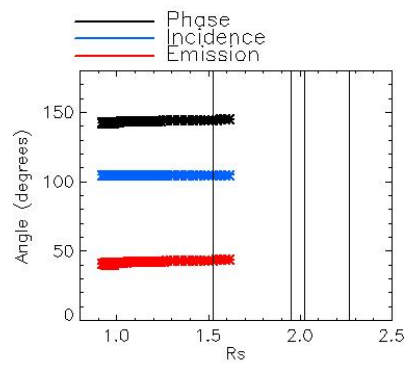
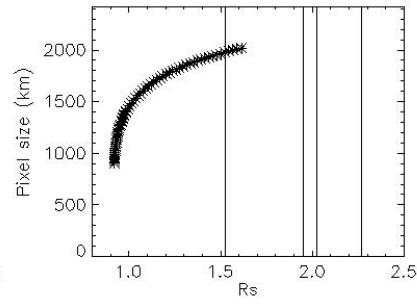
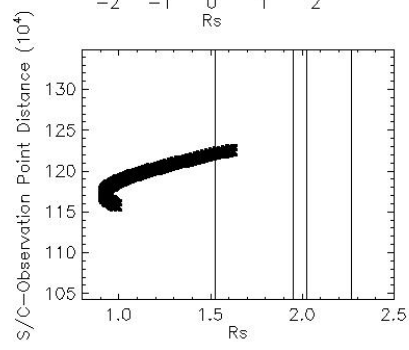
Observation Duration:
4800 S

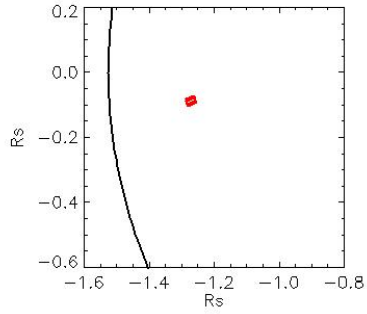
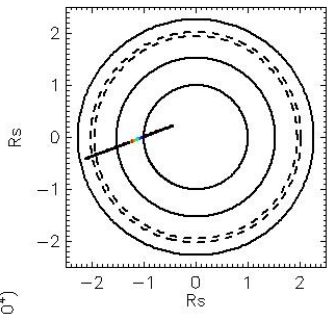
Integration time = 600 S





Observation Name:
 UVS_034RLSPLITISS001_CIRS
 Observation Date:
 2006_338_23_51_03
 Observation Duration:
 600 S
 Integration time = 600 S



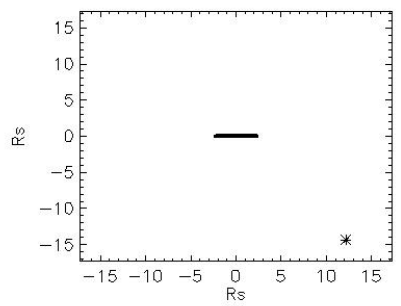
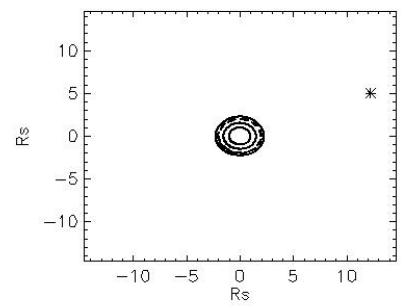
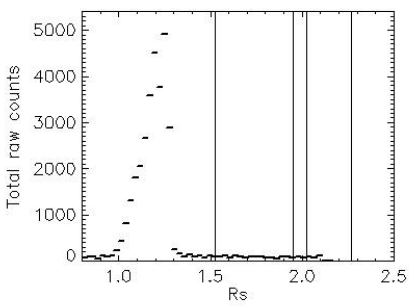
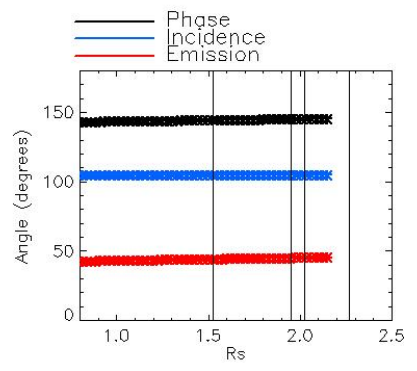
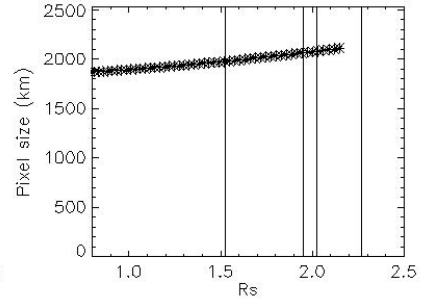
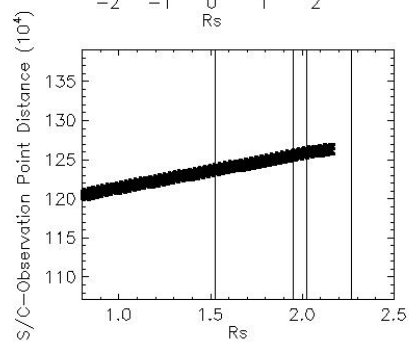


Observation Name:
UVS_034RLSPLITISS001_CIRS

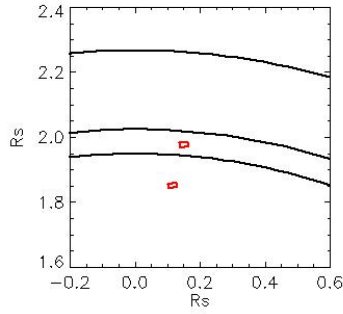
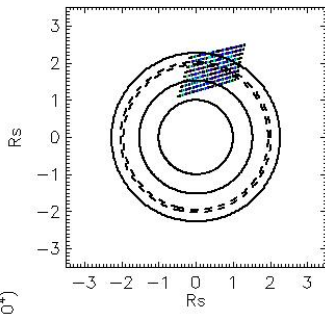
Observation Date:
2006_339_00_06_03

Observation Duration:
600 S

Integration time = 600 S



— Phase
— Incidence
— Emission

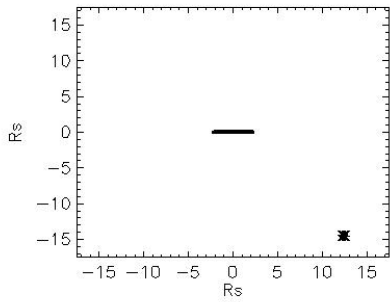
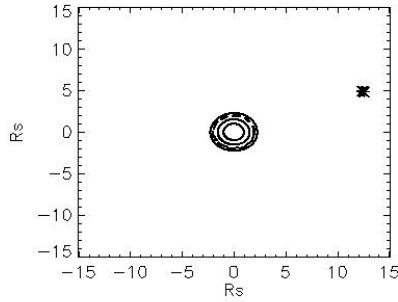
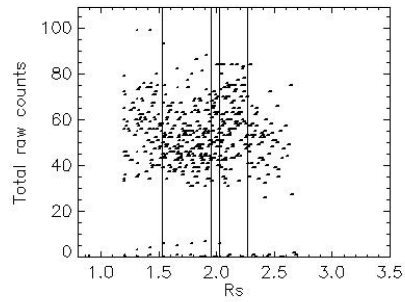
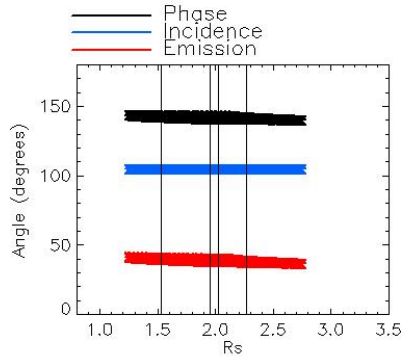
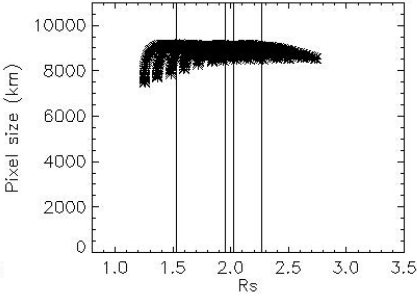
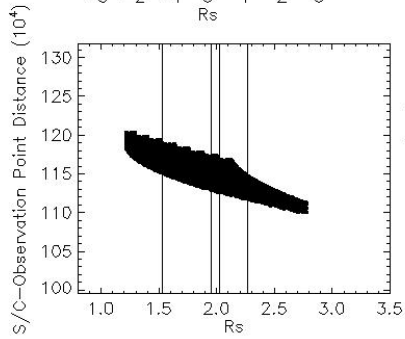


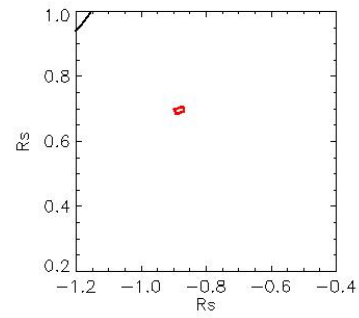
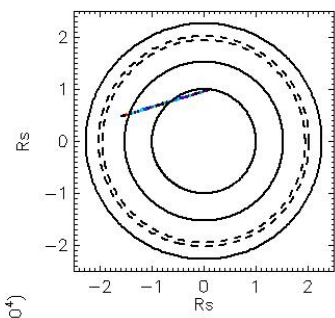
Observation Name:
UMS_034RLSPLITISS001_CIRS

Observation Date:
2006_339_00_23_03

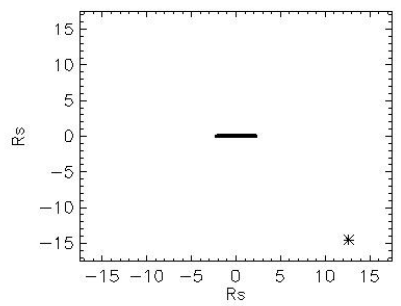
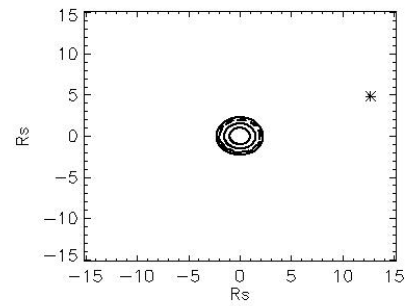
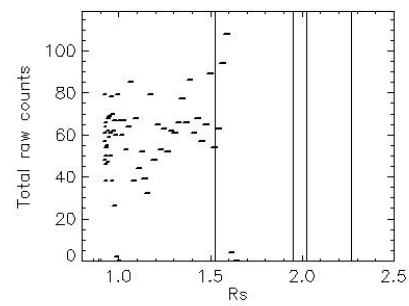
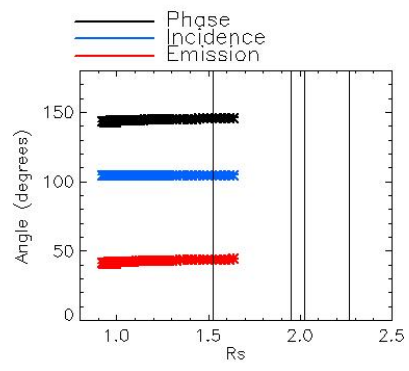
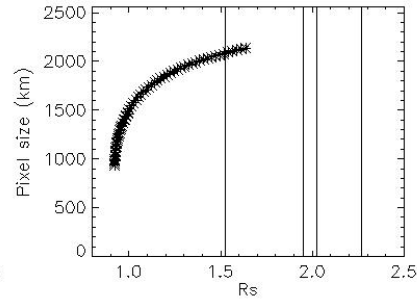
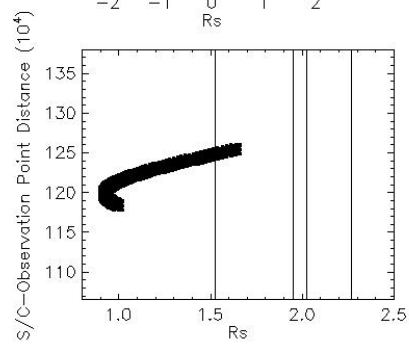
Observation Duration:
4800 S

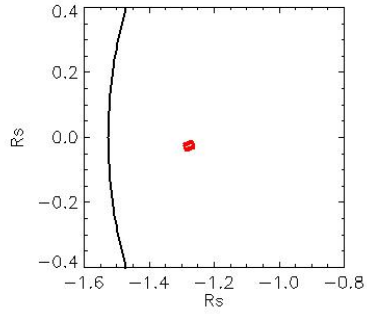
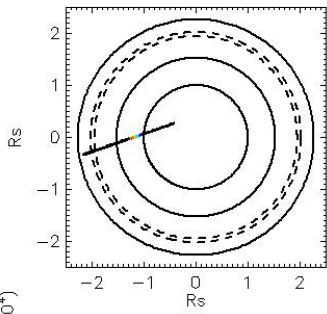
Integration time = 600 S





Observation Name:
 UVS_034RLSPLITISS001_CIRS
 Observation Date:
 2006_339_01_53_03
 Observation Duration:
 600 S
 Integration time = 600 S



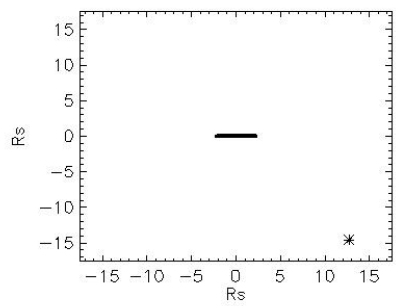
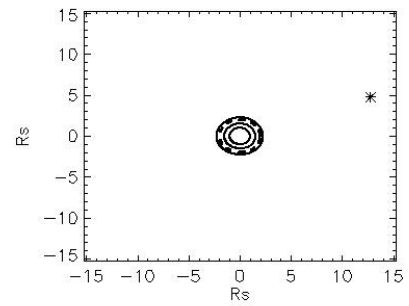
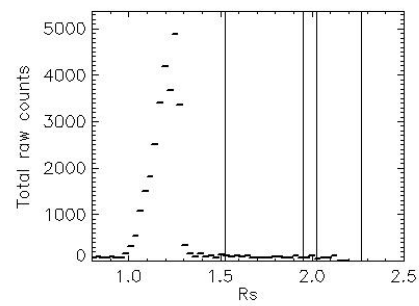
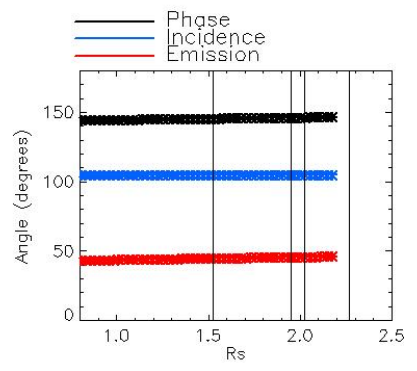
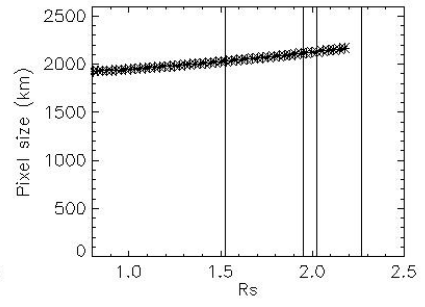
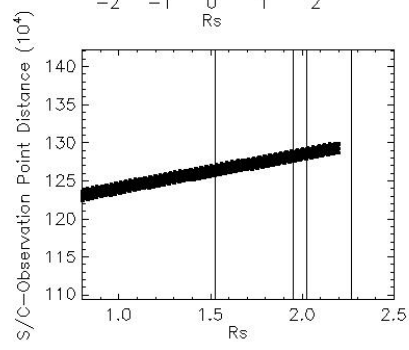


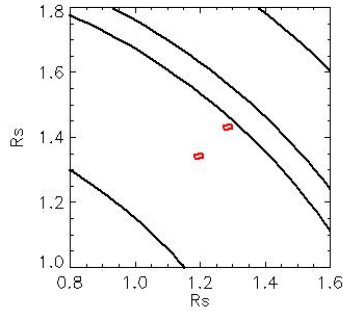
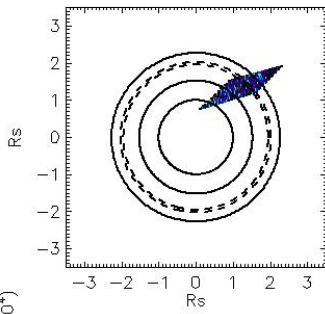
Observation Name:
UMS_034RLSPLITISS001_CIRS

Observation Date:
2006_339_02_08_03

Observation Duration:
600 S

Integration time = 600 S



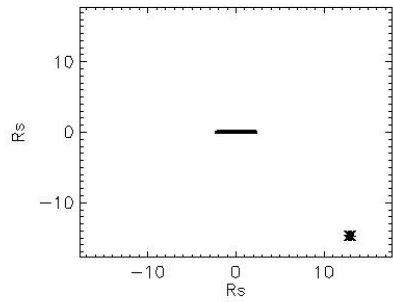
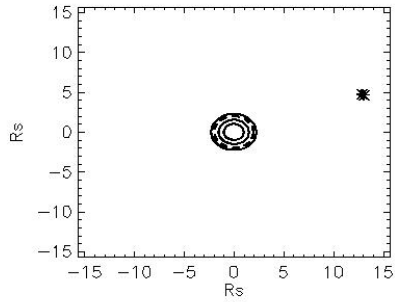
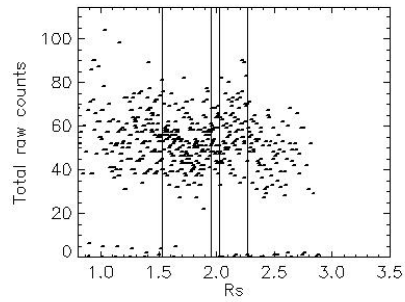
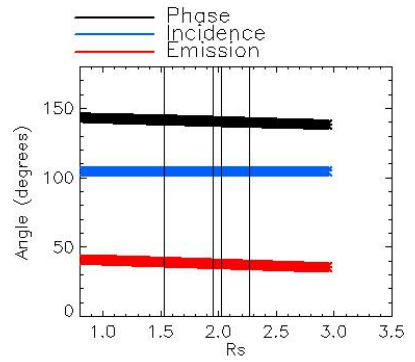
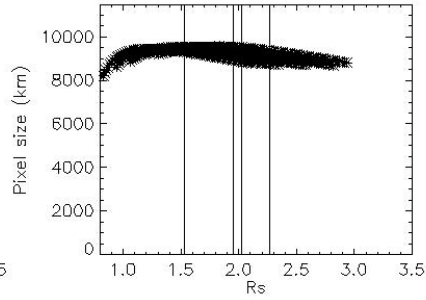
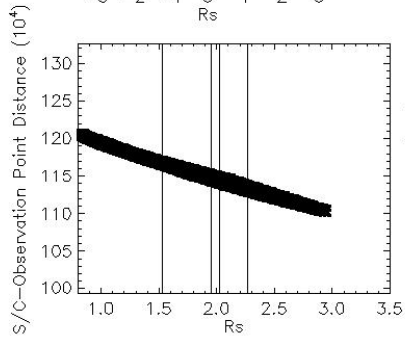


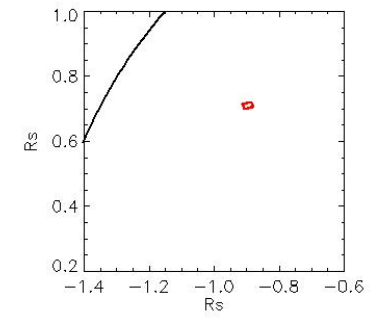
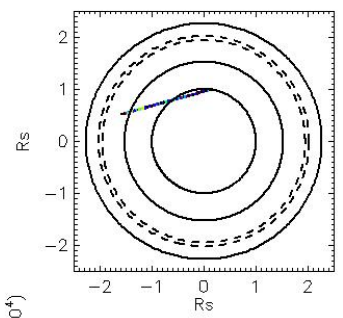
Observation Name:
UMS_034RLSPLITISS001_CIRS

Observation Date:
2006_339_02_25_03

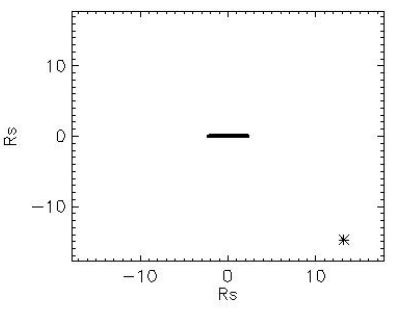
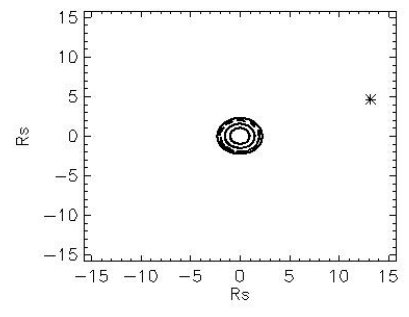
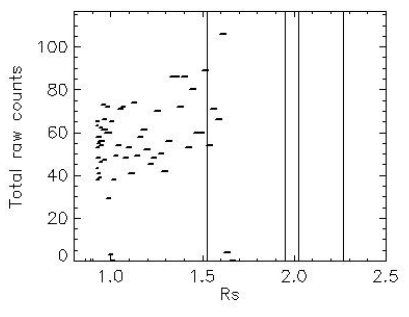
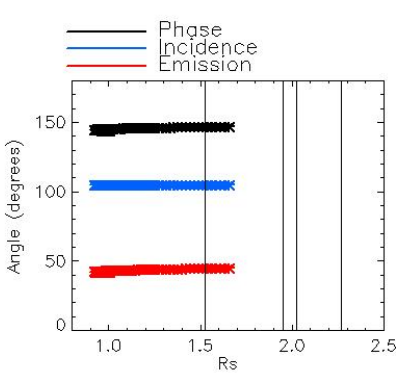
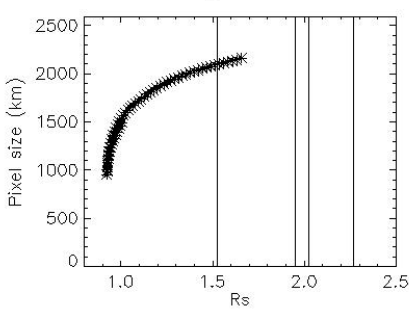
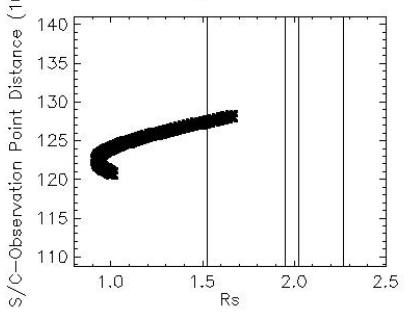
Observation Duration:
4800 S

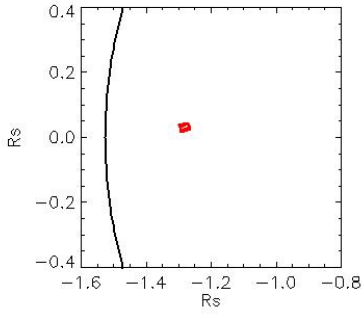
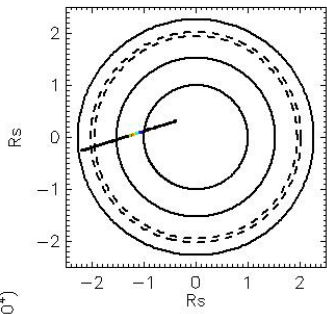
Integration time = 600 S





Observation Name:
 UVS_034RLSPLITISS001_CIRS
 Observation Date:
 2006_339_03_55_03
 Observation Duration:
 600 S
 Integration time = 600 S



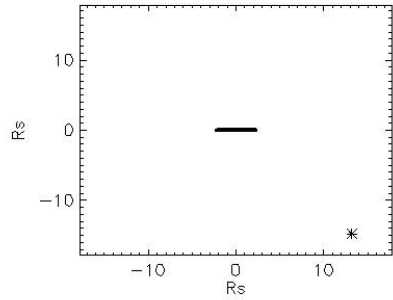
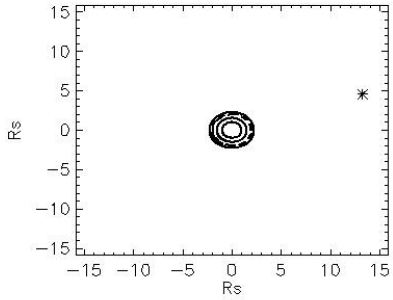
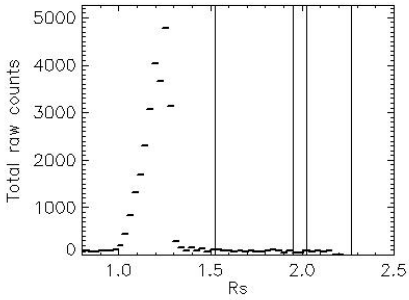
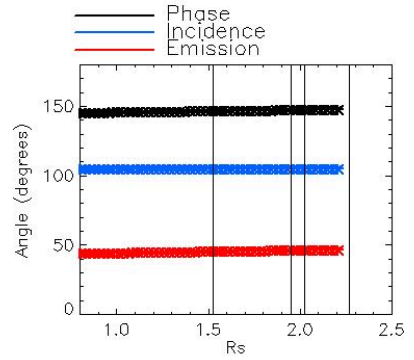
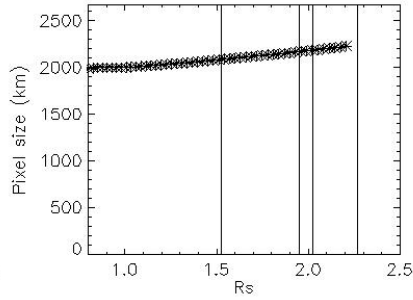
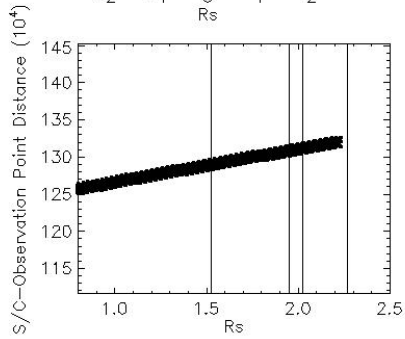


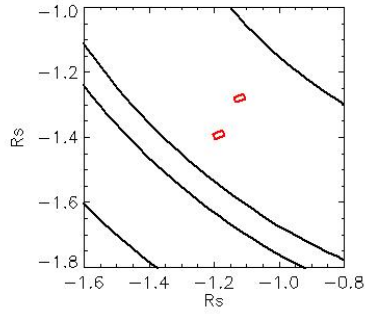
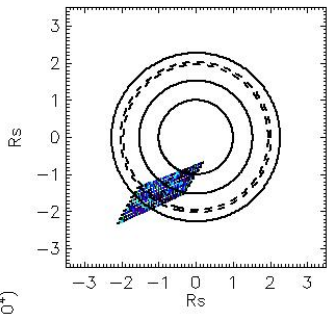
Observation Name:
UMS_034RLSPLITISS001_CIRS

Observation Date:
2006_339_04_10_03

Observation Duration:
600 S

Integration time = 600 S





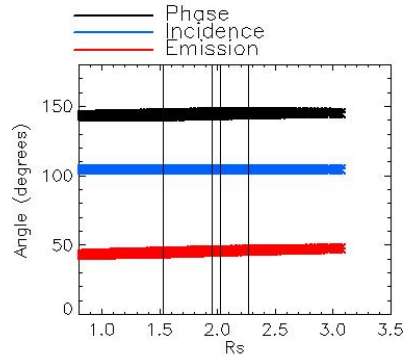
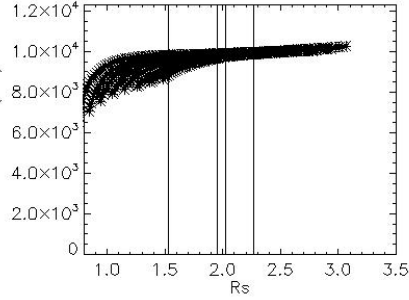
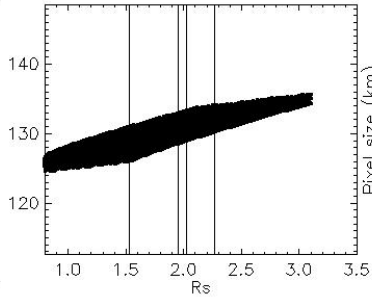
Observation Name:
UMS_034RLSPLITISS001_CIRS

Observation Date:
2006_339_04_27_03

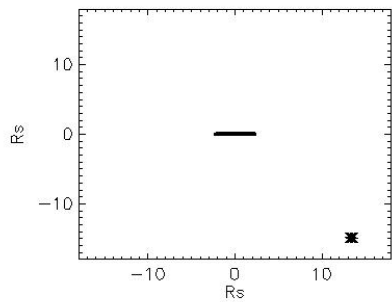
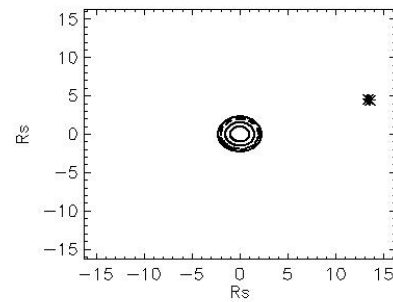
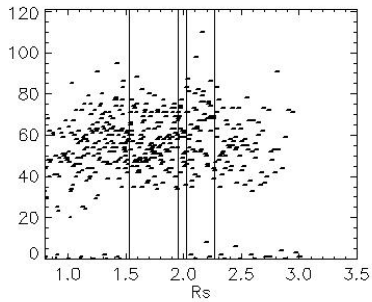
Observation Duration:
4800 S

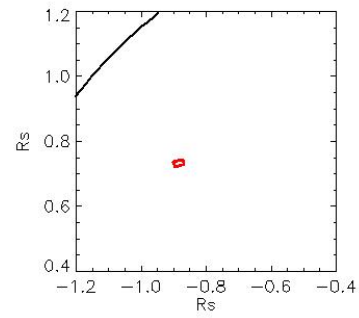
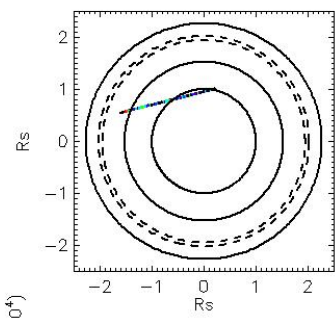
Integration time = 600 S

S/C—Observation Point Distance (10^4)



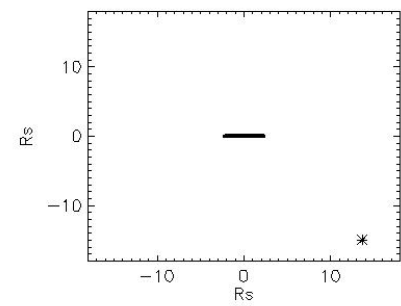
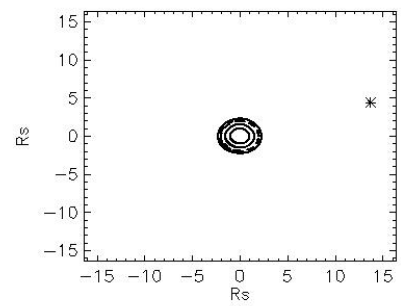
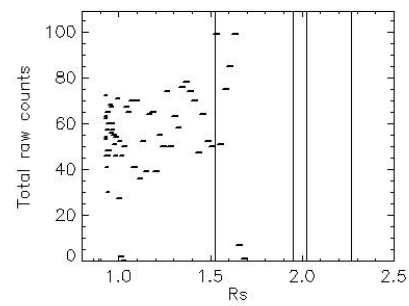
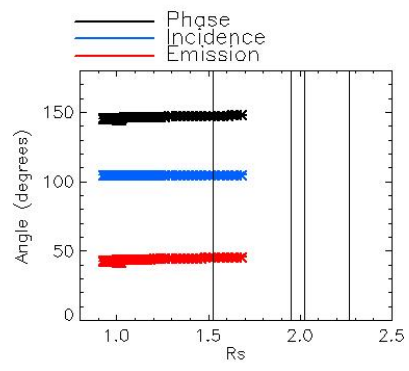
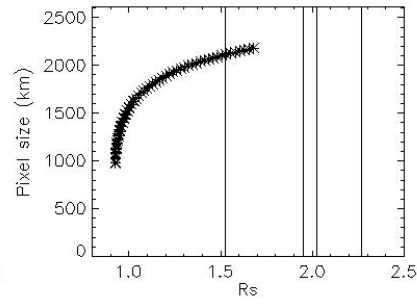
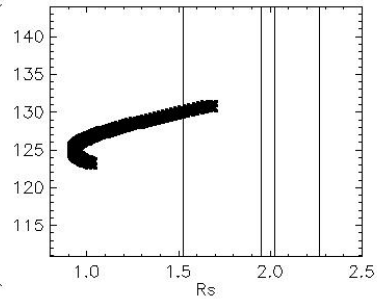
Total raw counts

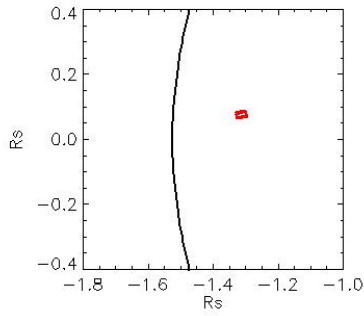
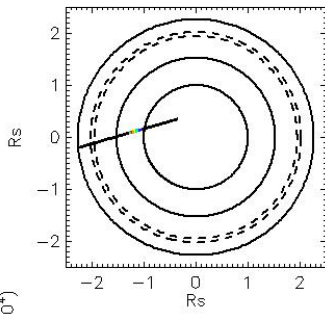




Observation Name:
 UVS_034RLSPLITISS001_CIRS
 Observation Date:
 2006_339_05_57_03
 Observation Duration:
 600 S
 Integration time = 600 S

S/C—Observation Point Distance (10^4)



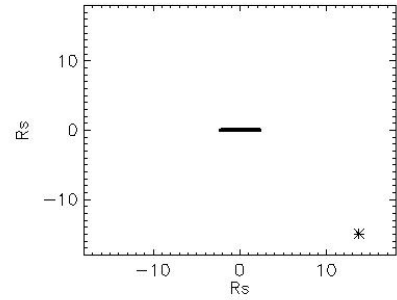
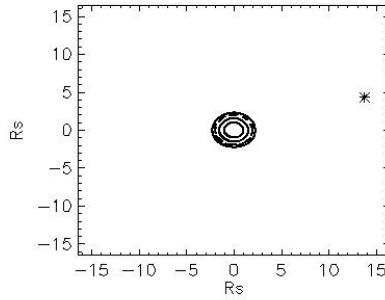
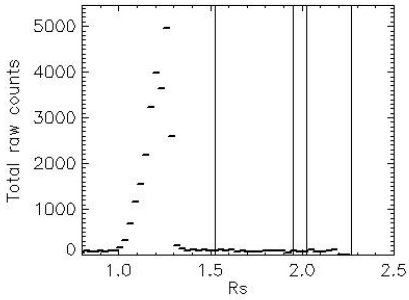
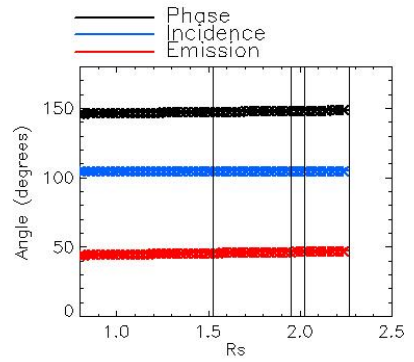
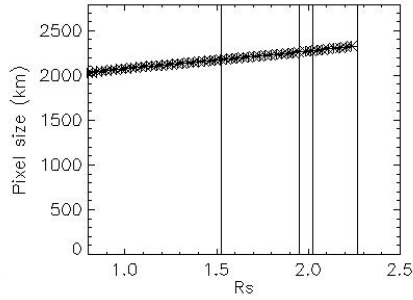
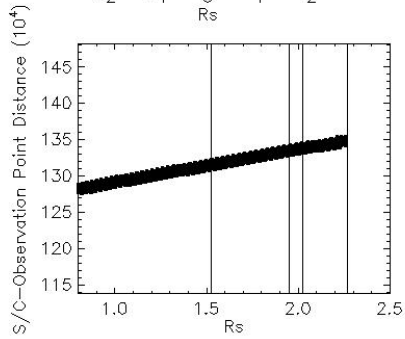


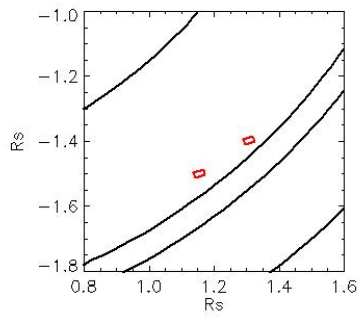
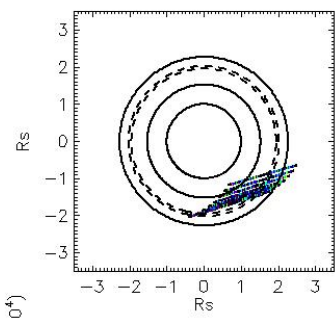
Observation Name:
UMS_034RLSPLITISS001_CIRS

Observation Date:
2006_339_06_12_03

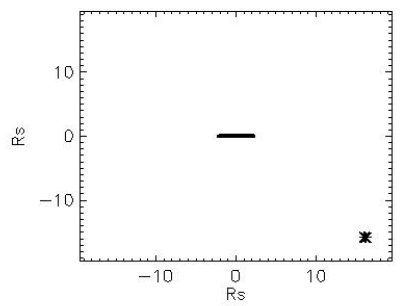
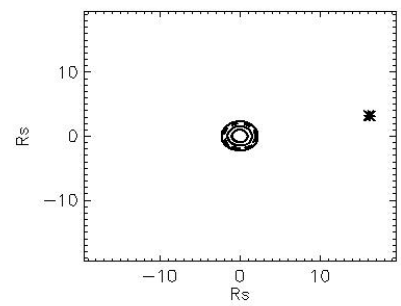
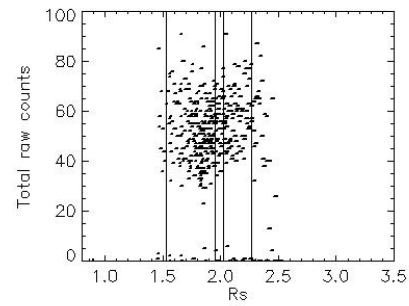
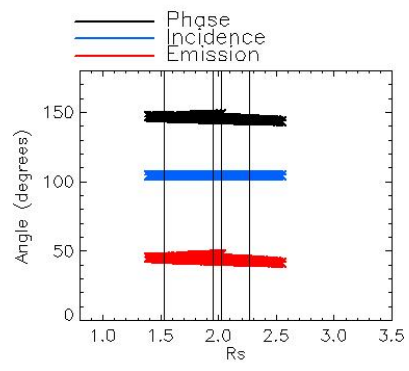
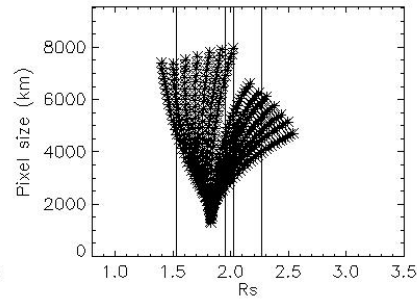
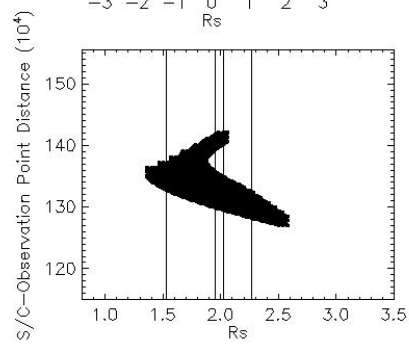
Observation Duration:
600 S

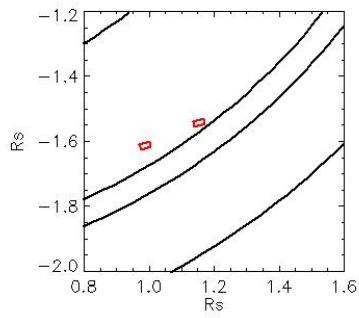
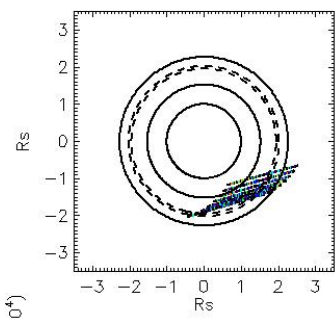
Integration time = 600 S



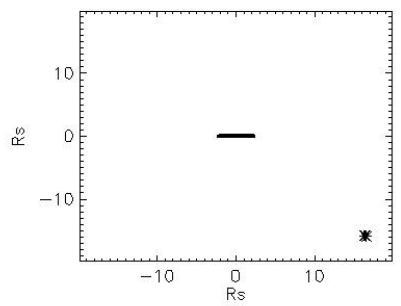
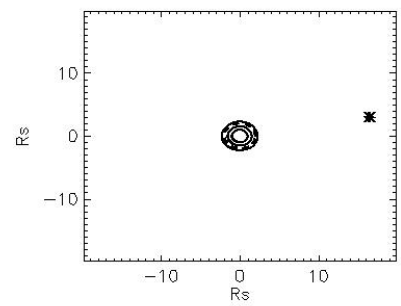
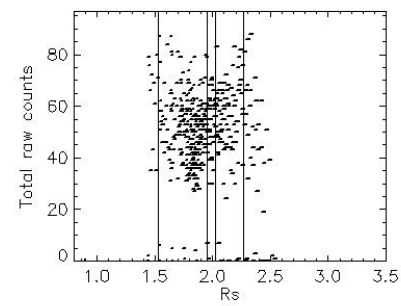
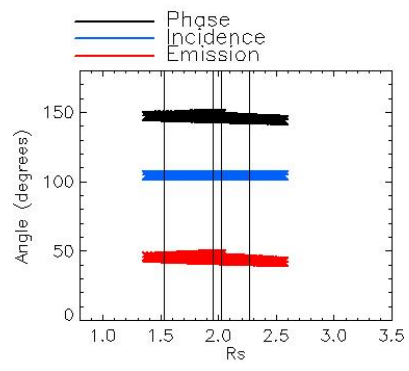
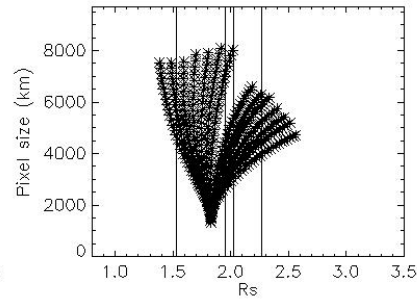
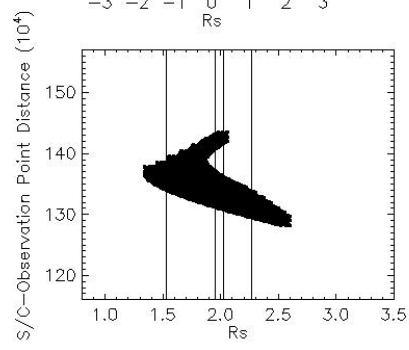


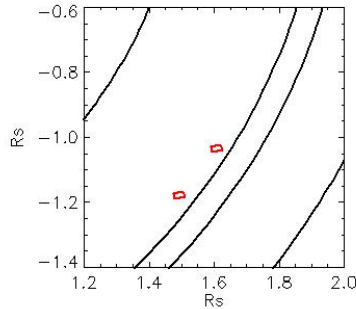
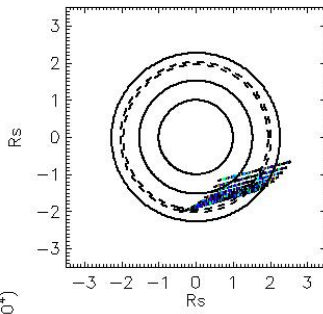
Observation Name:
 UVS_034RLSPKDKFRM001_JSS
 Observation Date:
 2006_339_16_37_02
 Observation Duration:
 4200 S
 Integration time = 600 S





Observation Name:
 UVS_034RLSPKDKFRM001_JSS
 Observation Date:
 2006_339_17_59_37
 Observation Duration:
 4200 S
 Integration time = 600 S





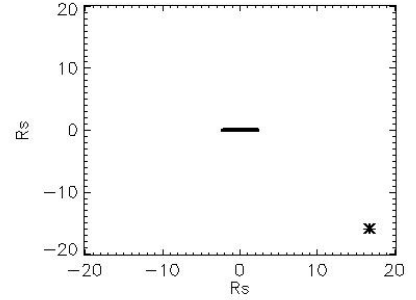
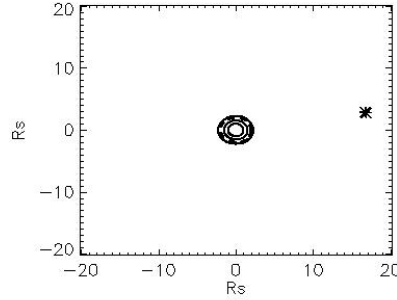
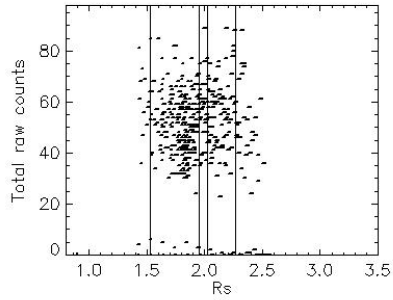
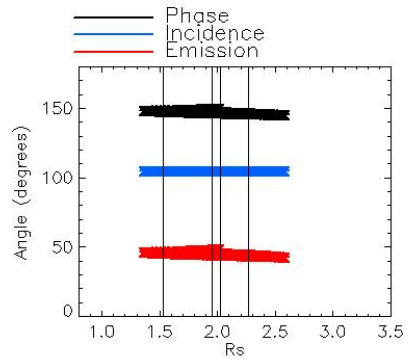
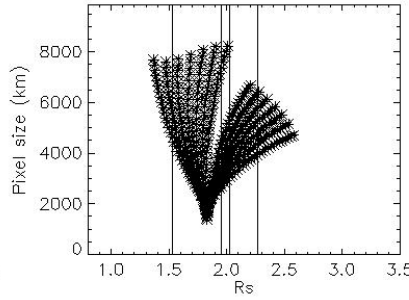
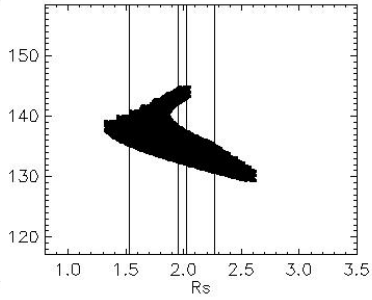
Observation Name:
UMS_034RLSPKDKFRM001_JSS

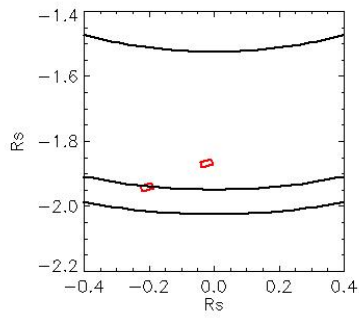
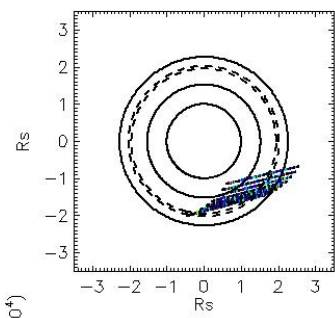
Observation Date:
2006_339_19_22_13

Observation Duration:
4200 S

Integration time = 600 S

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



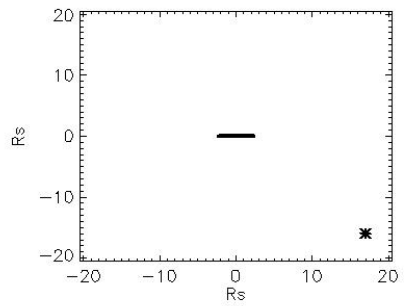
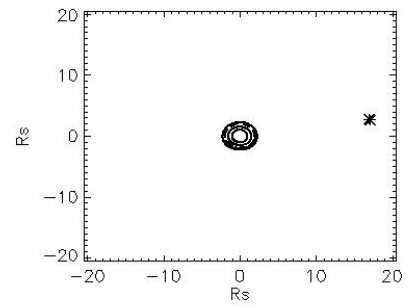
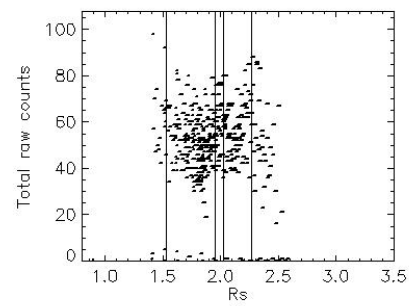
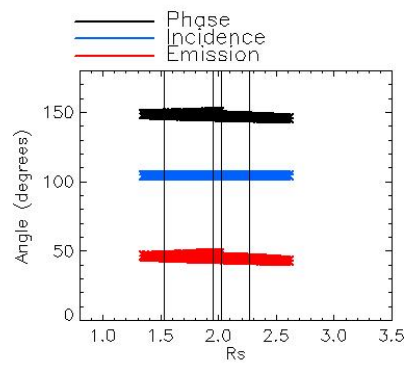
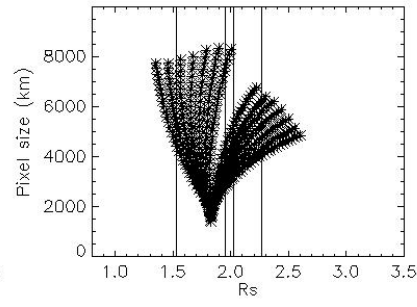
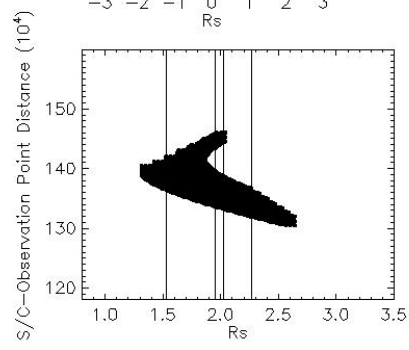


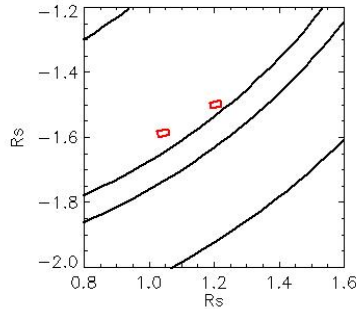
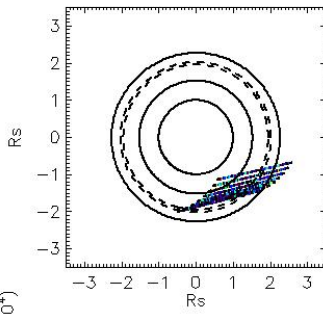
Observation Name:
UMS_034RLSPKDKFRM001_JSS

Observation Date:
2006_339_20_44_49

Observation Duration:
4200 S

Integration time = 600 S



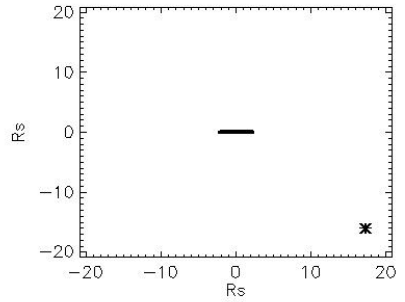
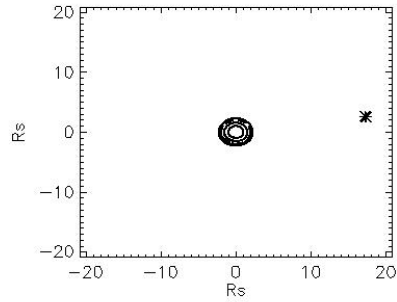
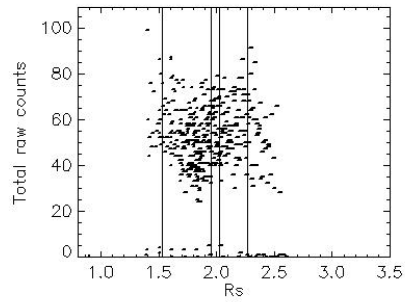
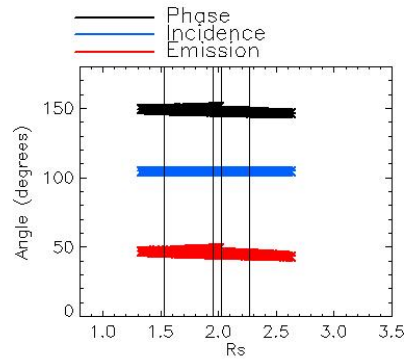
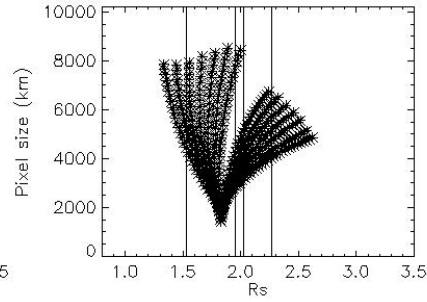
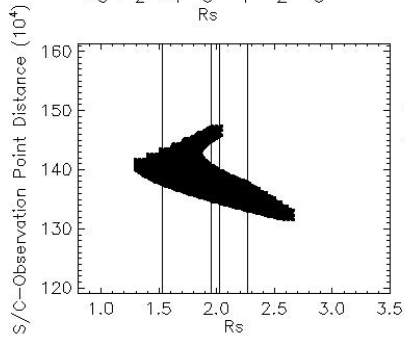


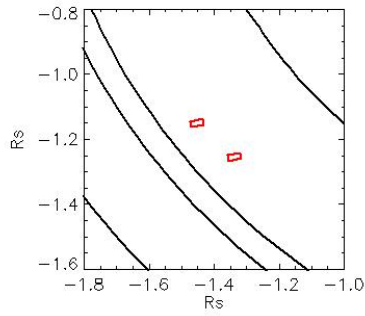
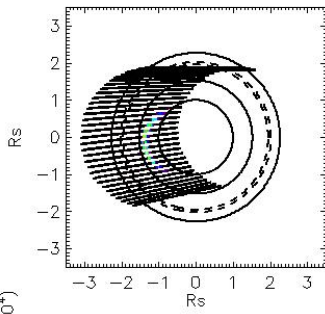
Observation Name:
UMS_034RLSPKDKFRM001_JSS

Observation Date:
2006_339_22_07_25

Observation Duration:
4200 S

Integration time = 600 S



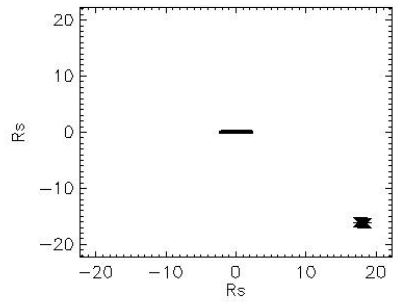
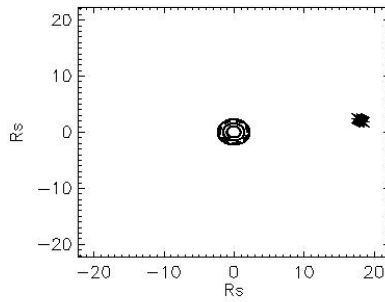
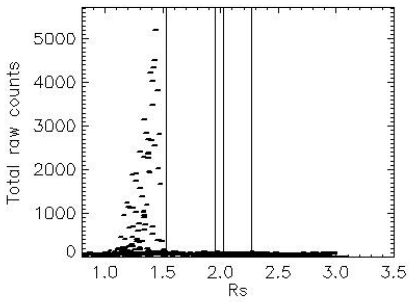
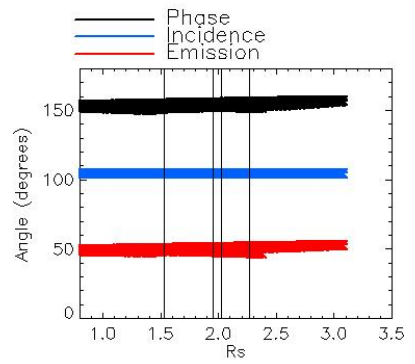
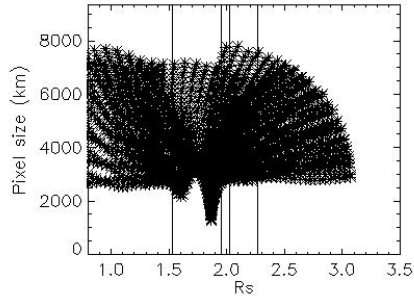
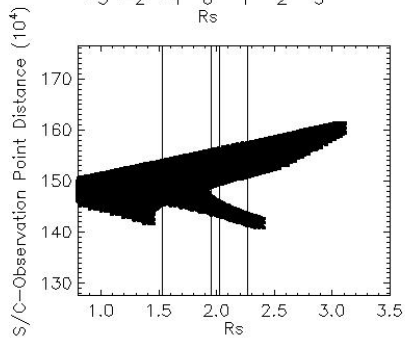


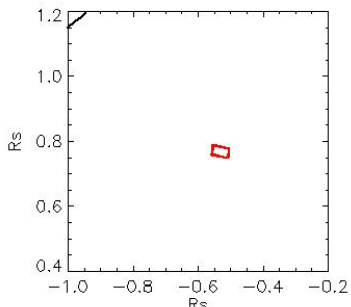
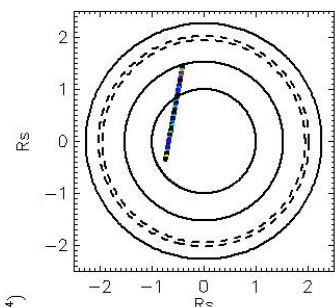
Observation Name:
UMS_034RB_VERTULHP001_CIRS

Observation Date:
2006_340_00_00_02

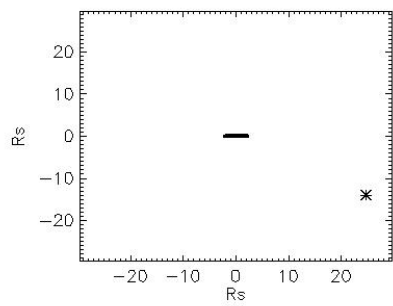
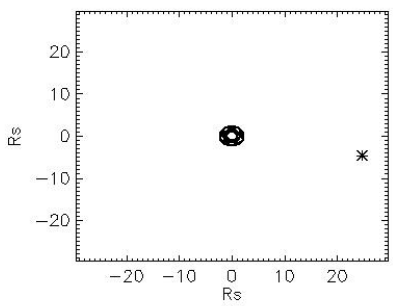
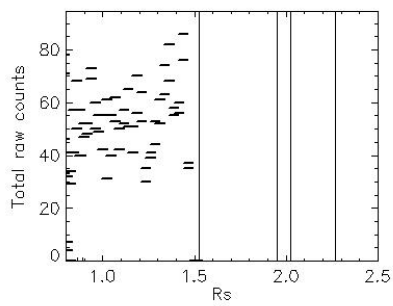
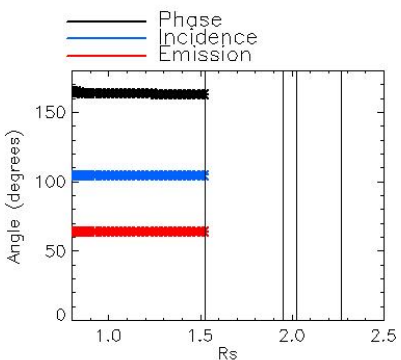
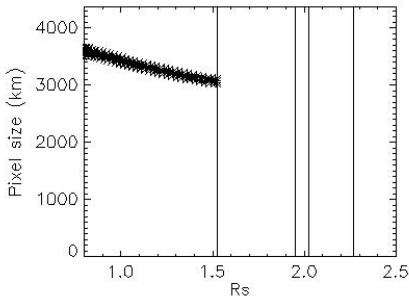
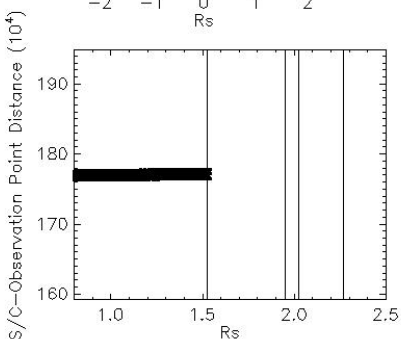
Observation Duration:
21600 S

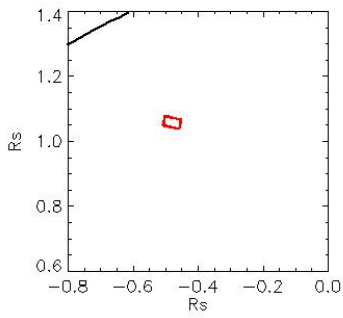
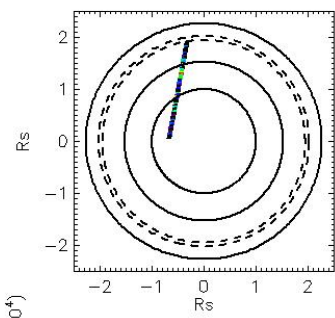
Integration time = 600 S



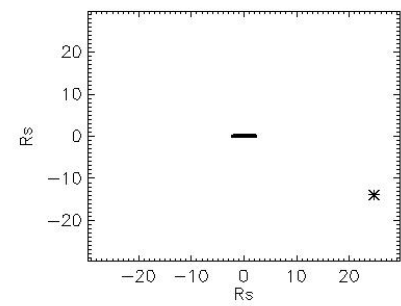
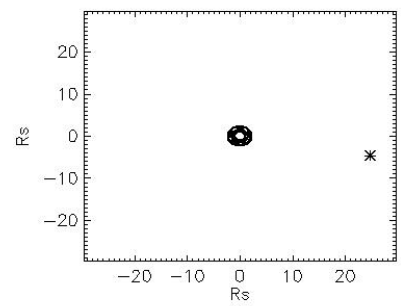
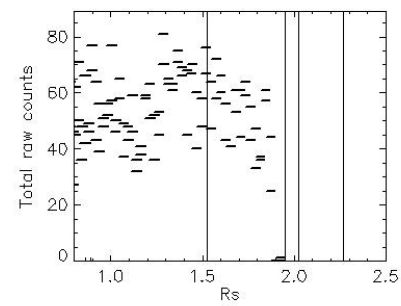
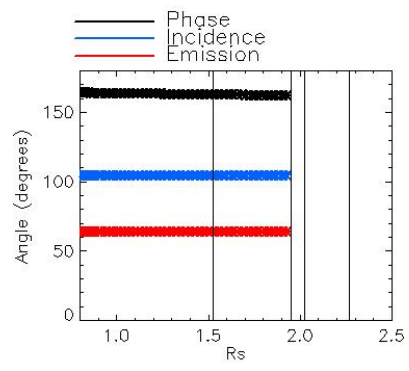
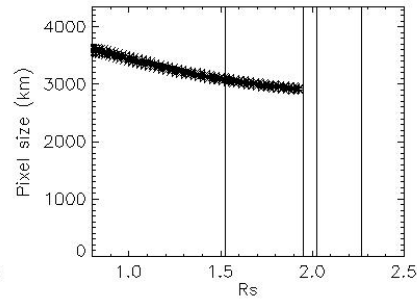
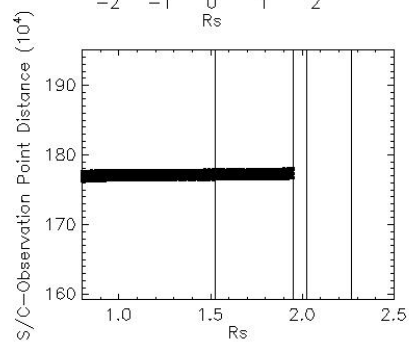


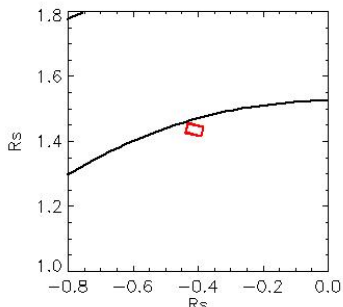
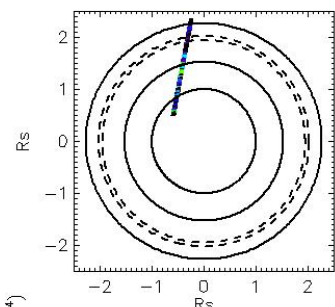
Observation Name:
UVIS_034RLAPOMOSAIC001_VIMS
Observation Date:
2006_342_16_19_05
Observation Duration:
1200 S
Integration time = 600 S





Observation Name:
UVIS_034RLAPOMOSAIC001_VIMS
Observation Date:
2006_342_16_44_35
Observation Duration:
1200 S
Integration time = 600 S



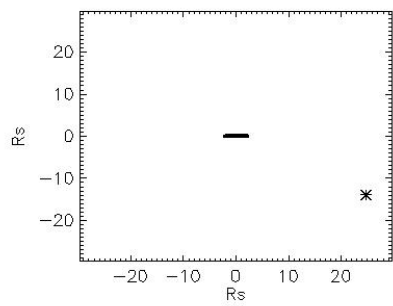
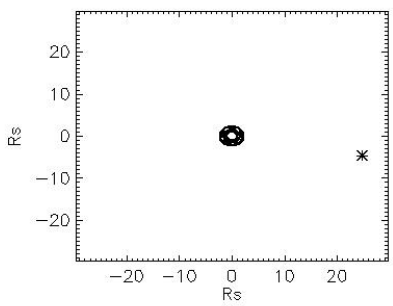
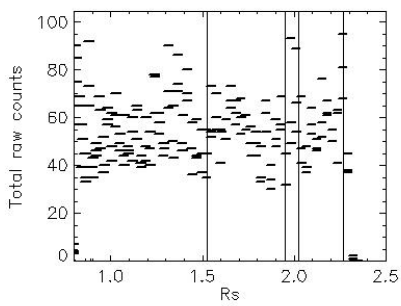
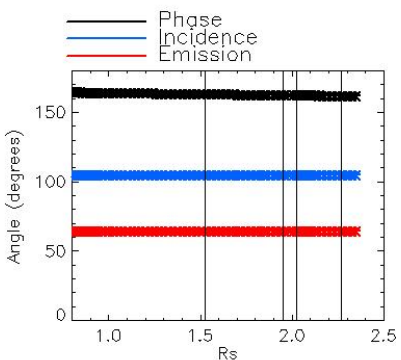
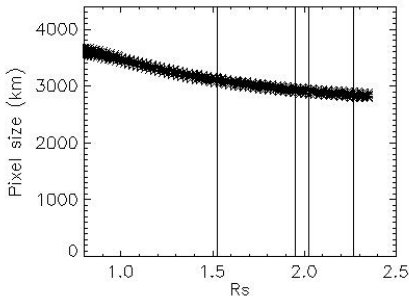
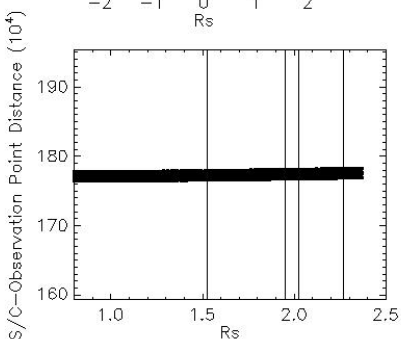


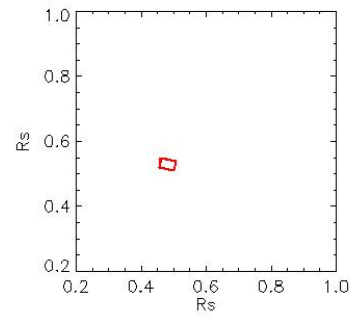
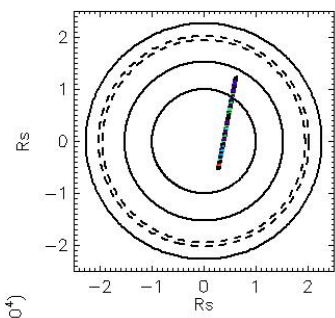
Observation Name:
UVIS_034RLAPOMOSAIC001_VIMS

Observation Date:
2006_342_17_10_06

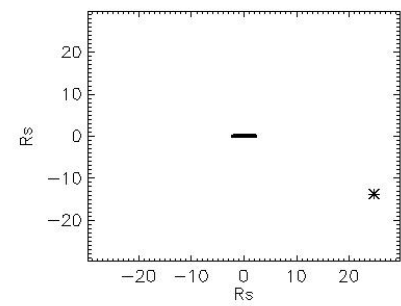
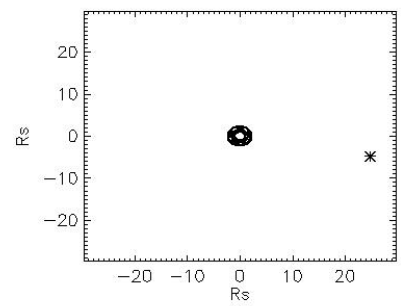
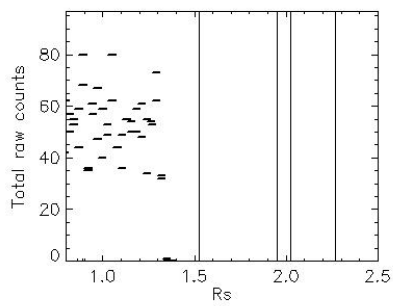
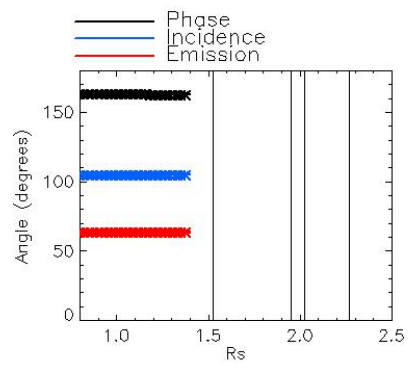
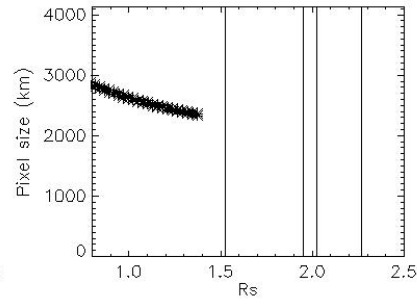
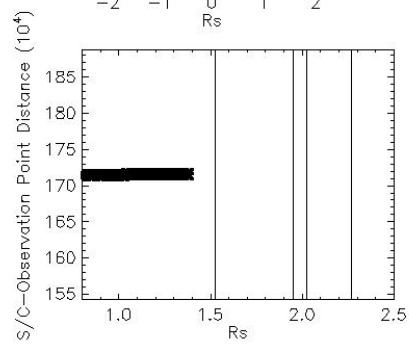
Observation Duration:
1800 S

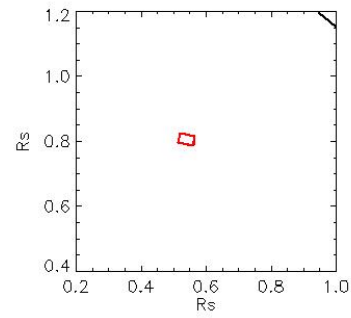
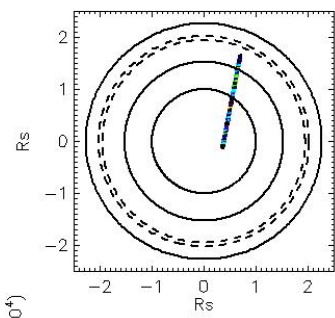
Integration time = 600 S



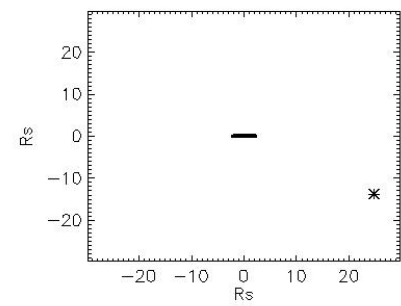
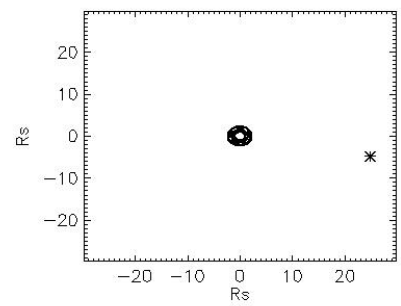
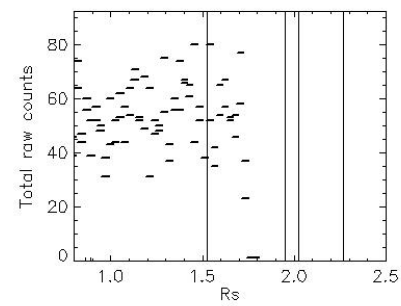
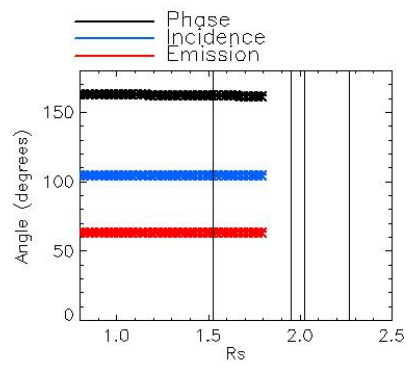
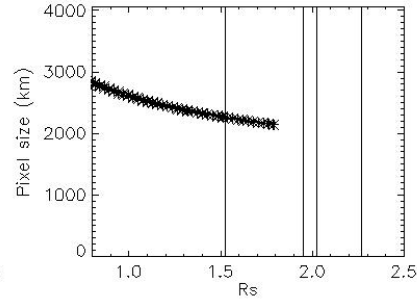
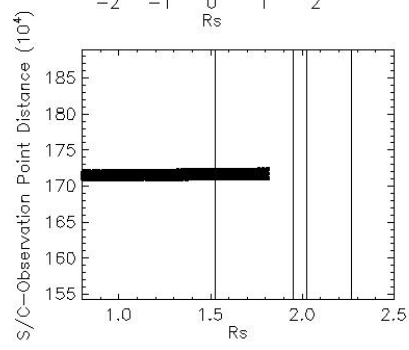


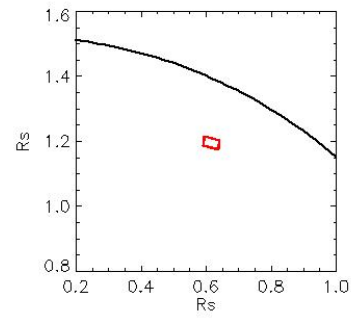
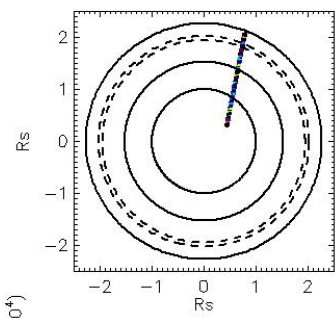
Observation Name:
 UVS_034RLAPOMOSAIC01_VIMS
 Observation Date:
 2006_342_17_54_04
 Observation Duration:
 1200 S
 Integration time = 600 S





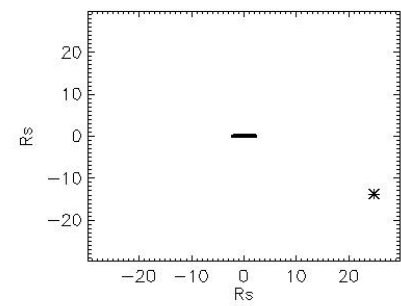
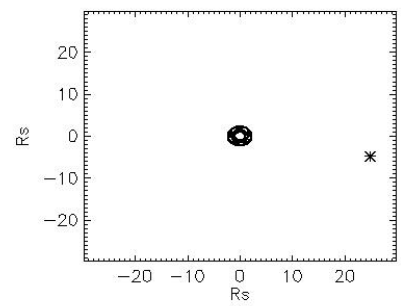
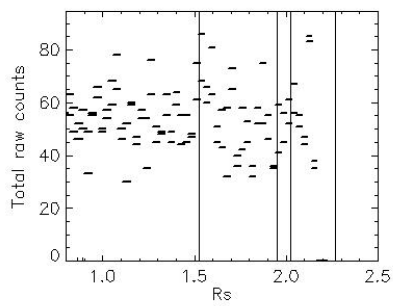
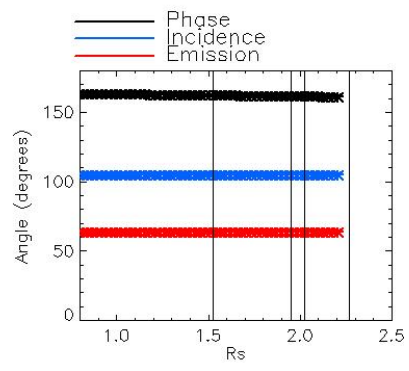
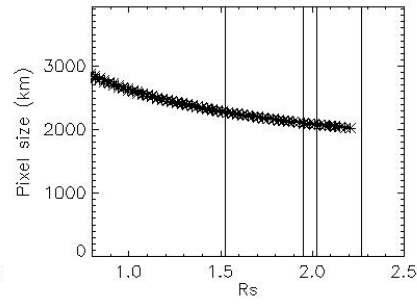
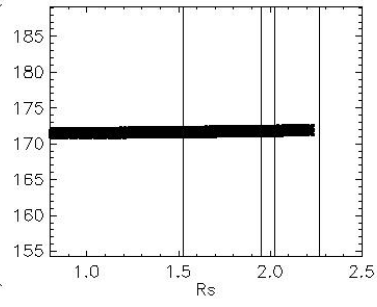
Observation Name:
 UVS_034RLAPOMOSAIC001_VIMS
 Observation Date:
 2006_342_18_19_35
 Observation Duration:
 1200 S
 Integration time = 600 S

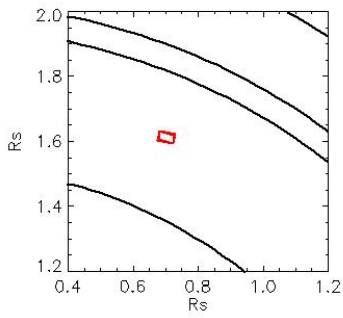
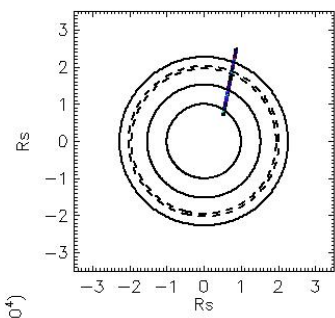




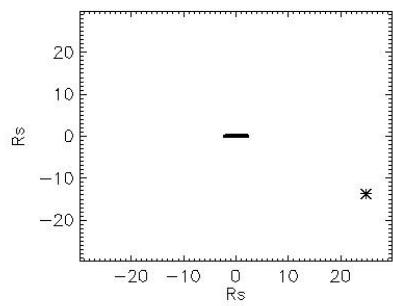
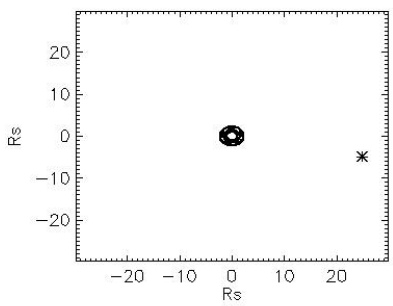
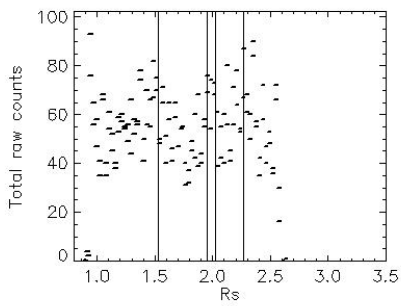
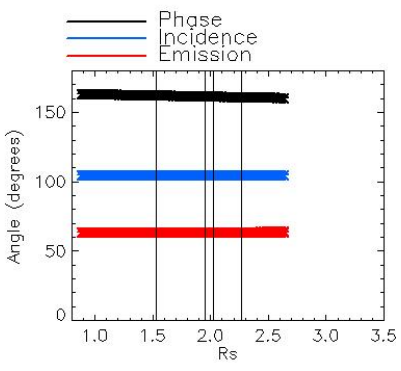
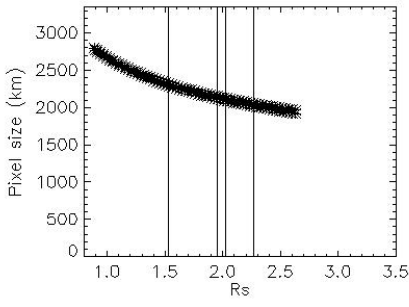
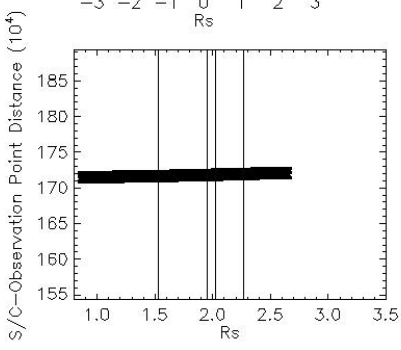
Observation Name:
 UVS_034RLAPOMOSAIC001_VIMS
 Observation Date:
 2006_342_18_45_06
 Observation Duration:
 1200 S
 Integration time = 600 S

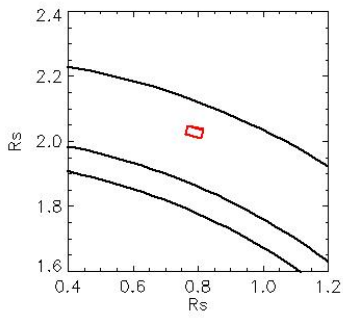
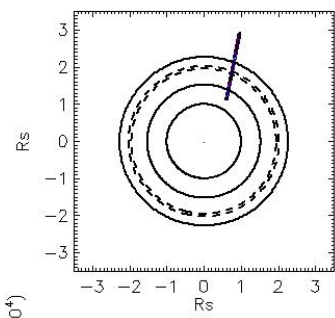
S/C—Observation Point Distance (10^4)





Observation Name:
UVIS_034RLAPOMOSAIC001_VIMS
Observation Date:
2006_342_19_10_37
Observation Duration:
1200 S
Integration time = 600 S



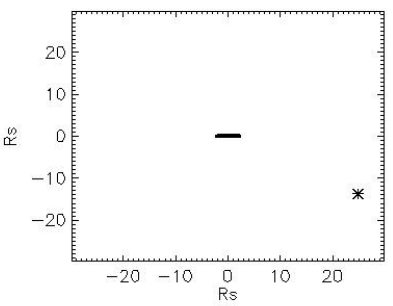
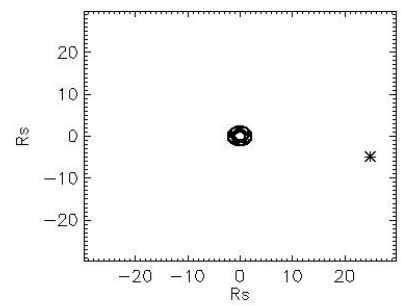
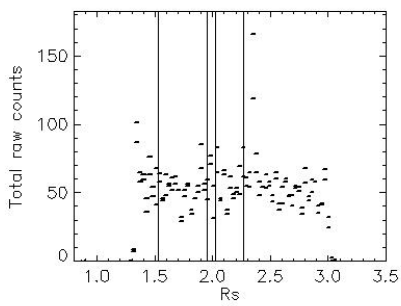
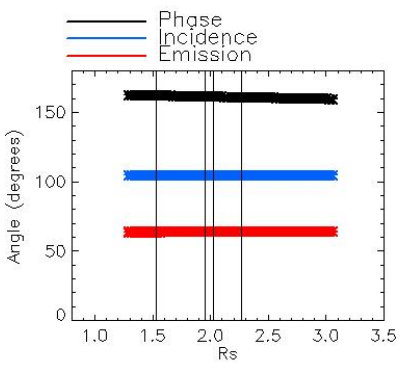
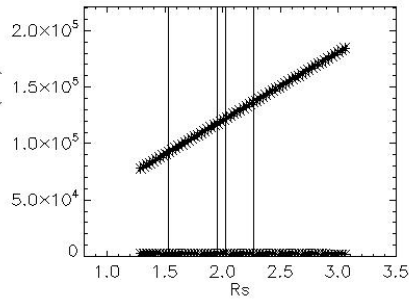
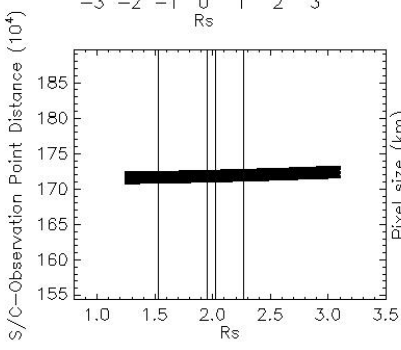


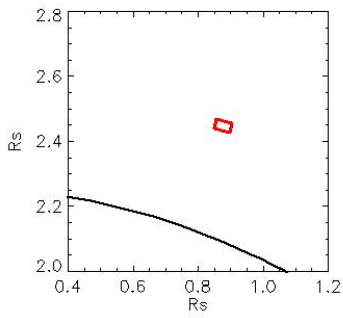
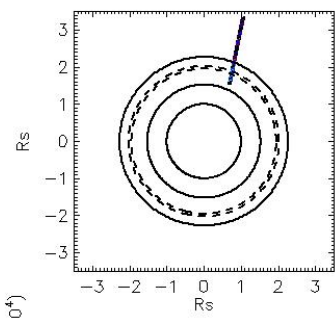
Observation Name:
UVIS_034RLAPOMOSAIC001_VIMS

Observation Date:
2006_342_19_36_08

Observation Duration:
1200 S

Integration time = 600 S



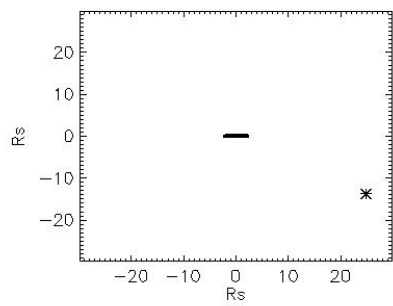
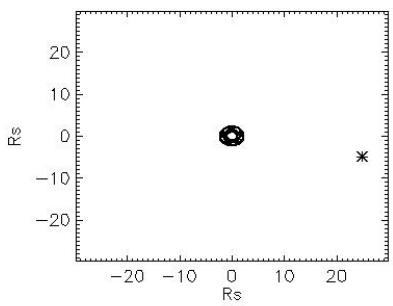
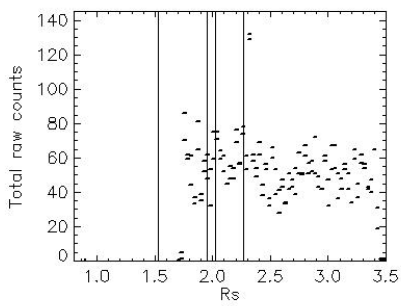
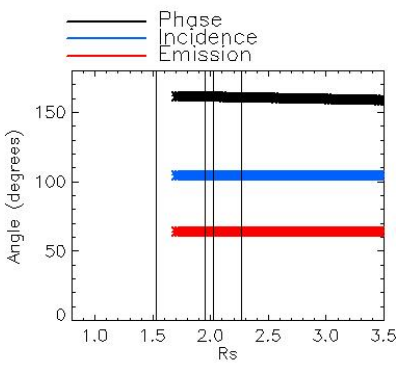
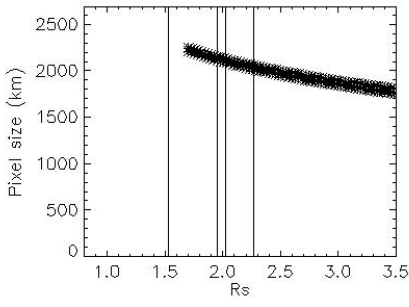
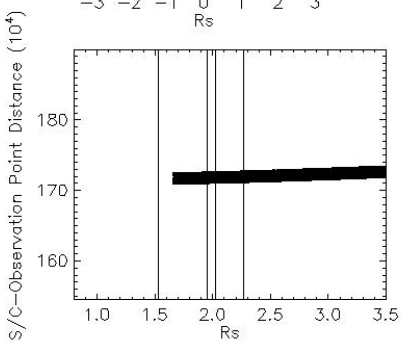


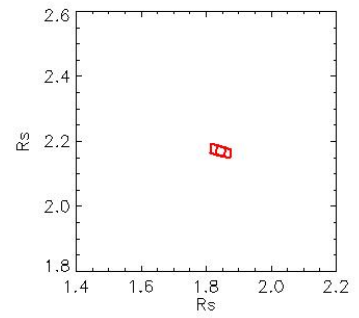
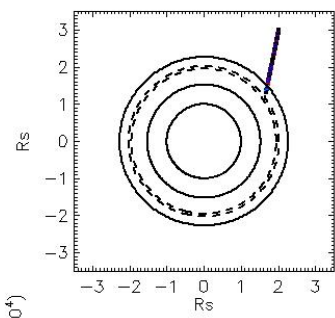
Observation Name:
UVIS_034RLAPOMOSAIC001_VIMS

Observation Date:
2006_342_20_01_39

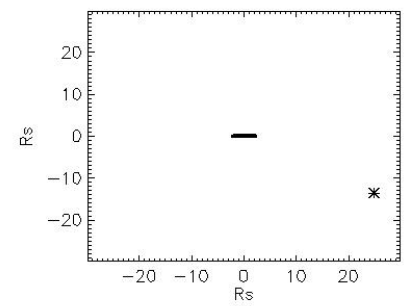
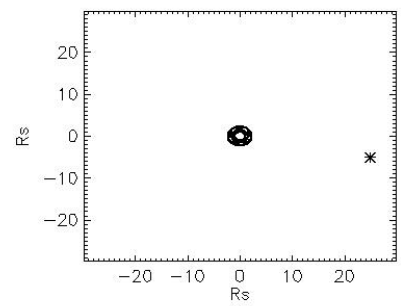
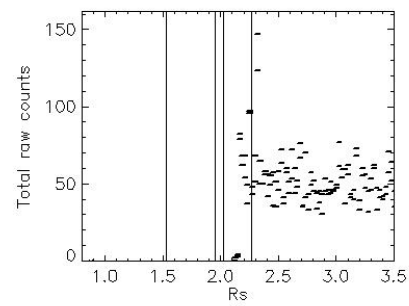
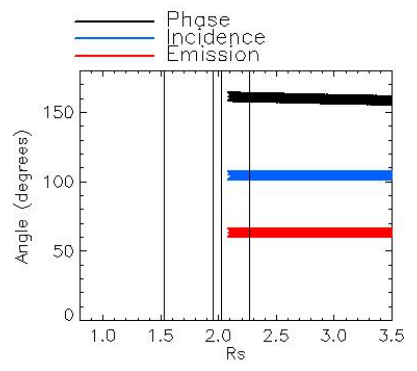
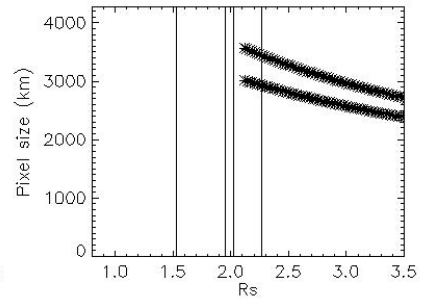
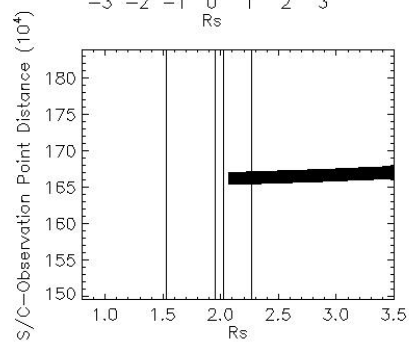
Observation Duration:
1200 S

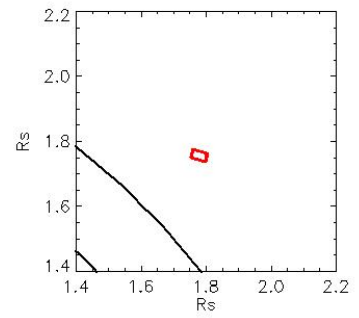
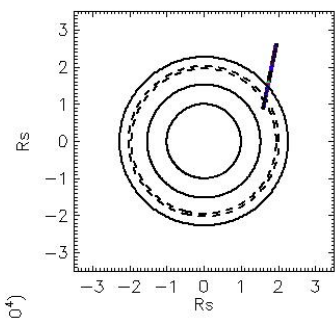
Integration time = 600 S



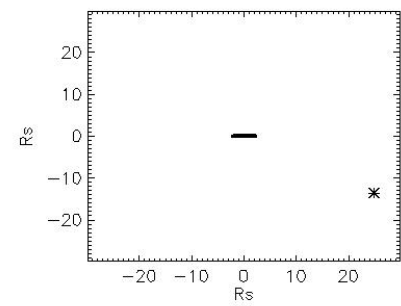
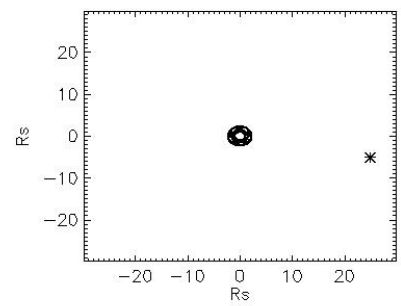
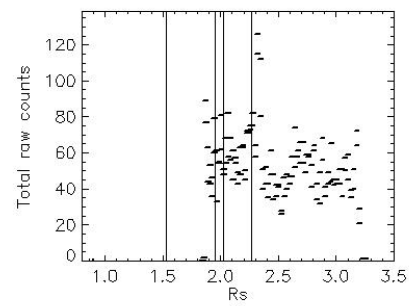
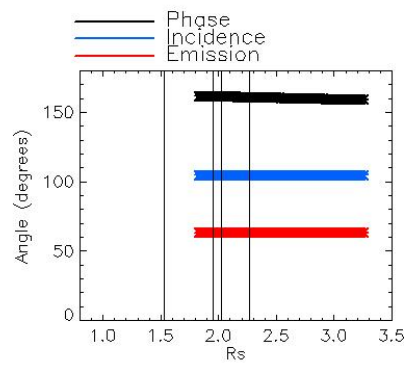
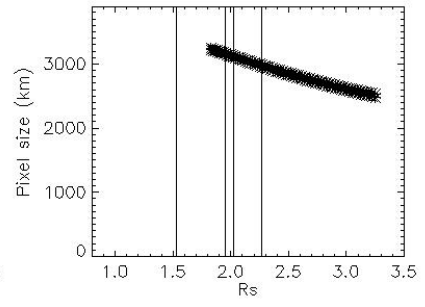
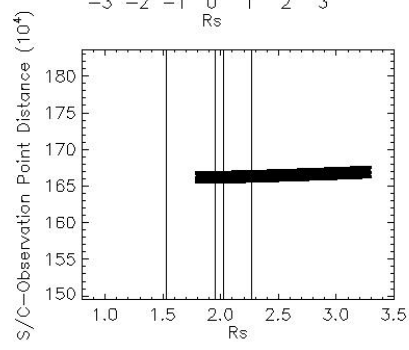


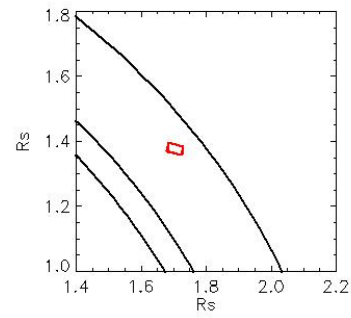
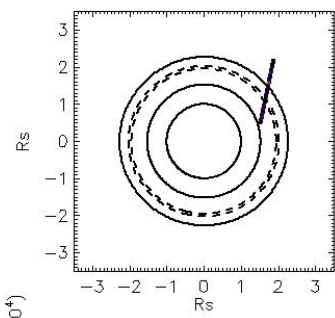
Observation Name:
 UVIS_034RLAPOMOSAIC001_VIMS
 Observation Date:
 2006_342_20_26_40
 Observation Duration:
 1200 S
 Integration time = 600 S



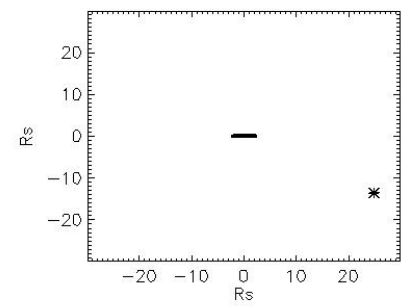
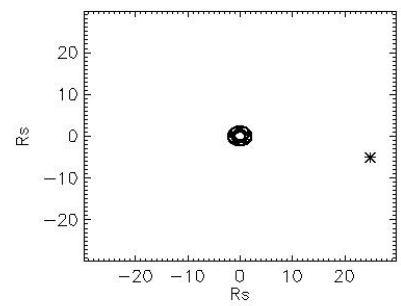
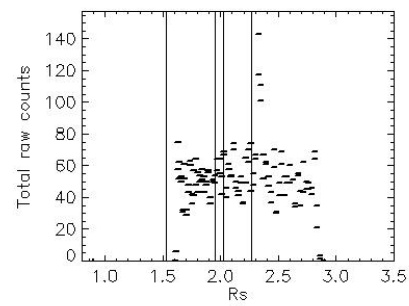
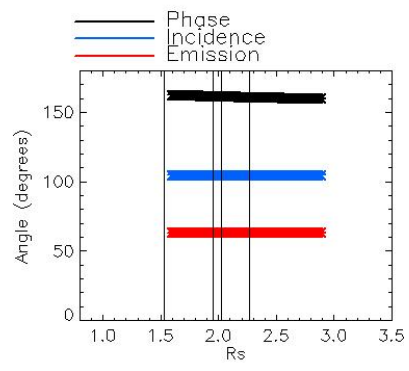
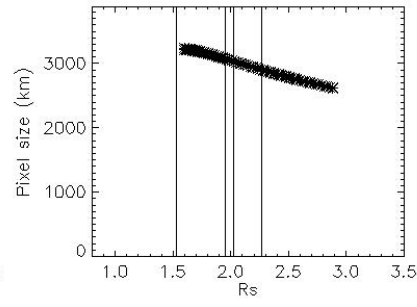
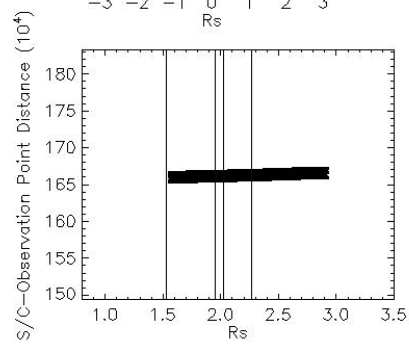


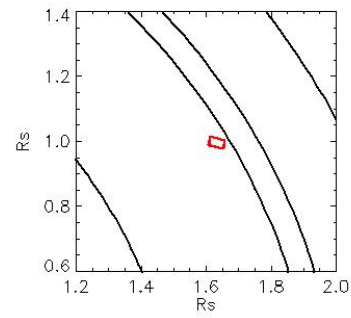
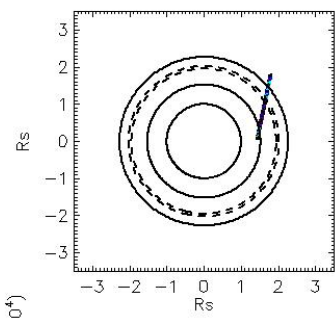
Observation Name:
 UVS_034RLAPOMOSAIC001_VIMS
 Observation Date:
 2006_342_20_52_11
 Observation Duration:
 1200 S
 Integration time = 600 S



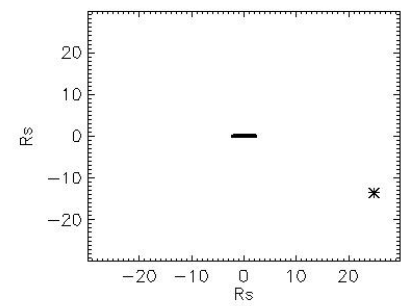
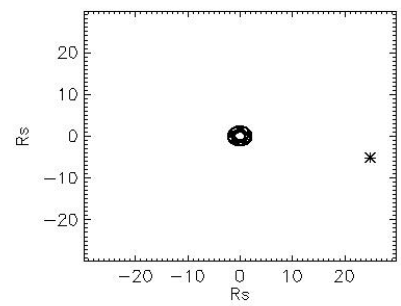
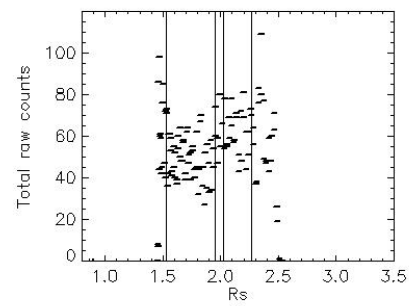
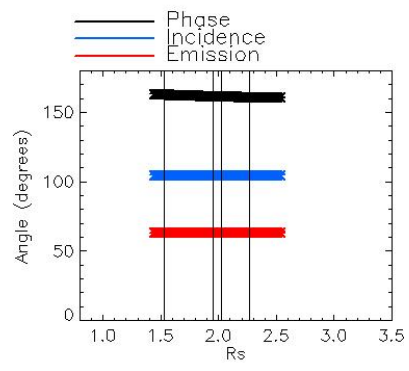
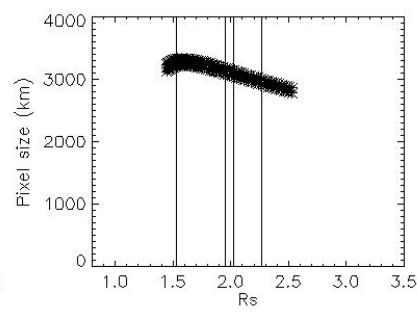
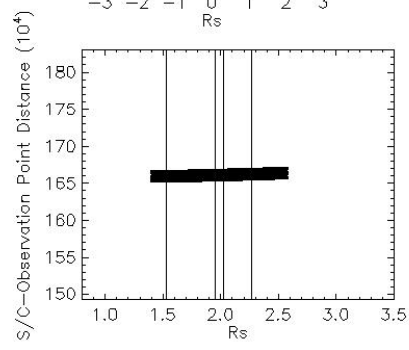


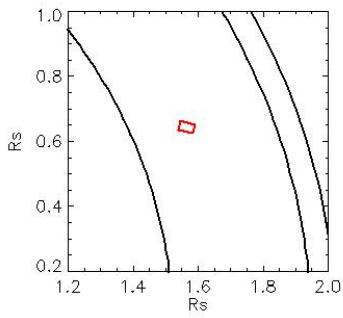
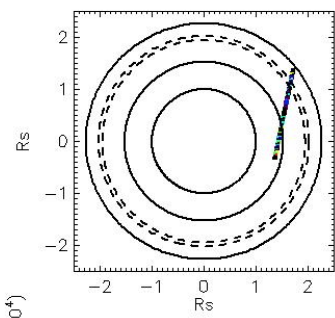
Observation Name:
UVIS_034RLAPOMOSAIC001_VIMS
Observation Date:
2006_342_21_17_42
Observation Duration:
1200 S
Integration time = 600 S





Observation Name:
 UVS_034RLAPOMOSAIC001_VIMS
 Observation Date:
 2006_342_21_43_13
 Observation Duration:
 1200 S
 Integration time = 600 S



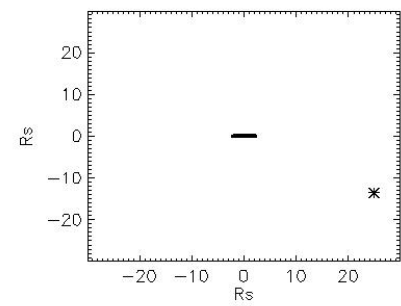
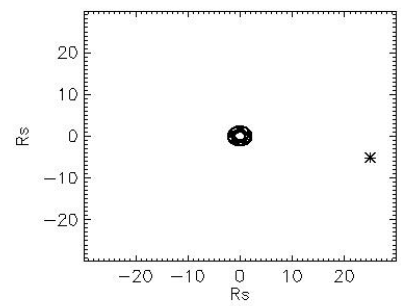
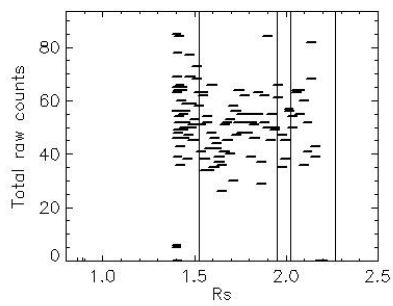
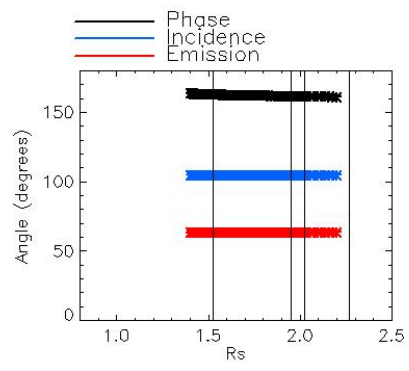
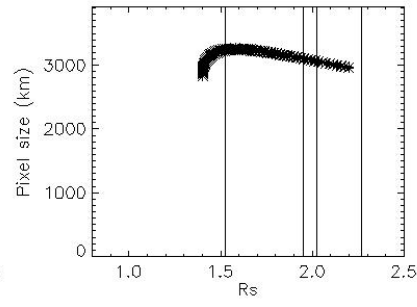
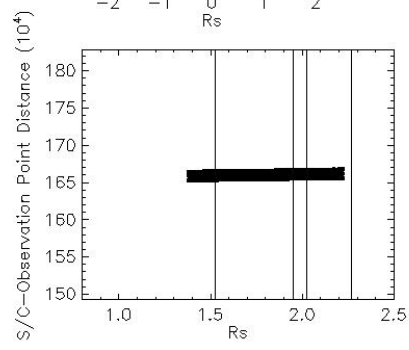


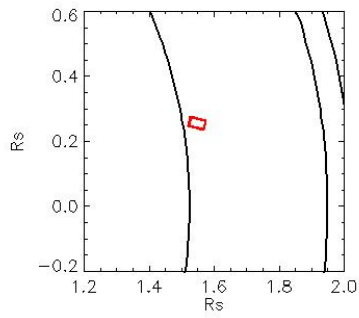
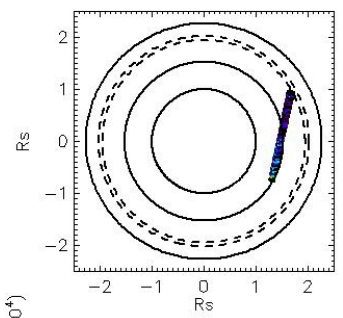
Observation Name:
UVIS_034RLAPOMOSAIC001_VIMS

Observation Date:
2006_342_22_08_44

Observation Duration:
1200 S

Integration time = 600 S





Observation Name:
 UVS_034RLAPOMOSAIC001_VIMS
 Observation Date:
 2006_342_22_34_15
 Observation Duration:
 18600 S
 Integration time = 600 S

