

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.

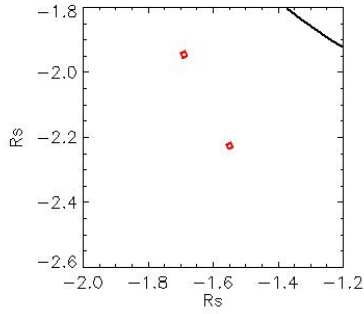
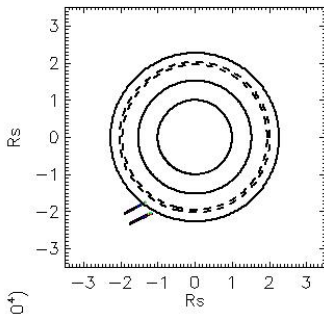
Middle center: Maximum projected smeared pixel size for all data records plotted against the radial location of the projected pixel at the middle of the integration period.

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.

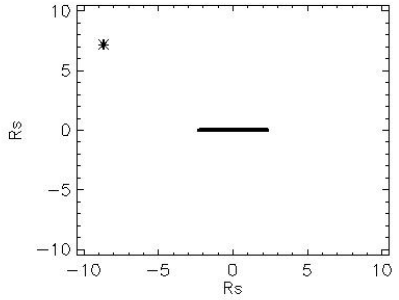
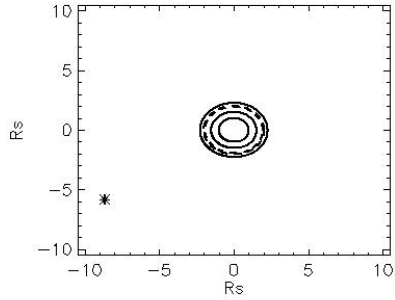
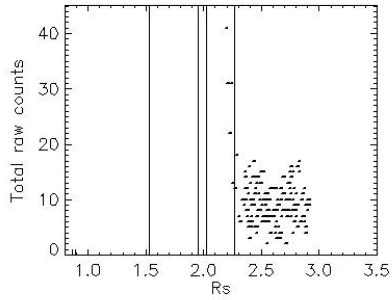
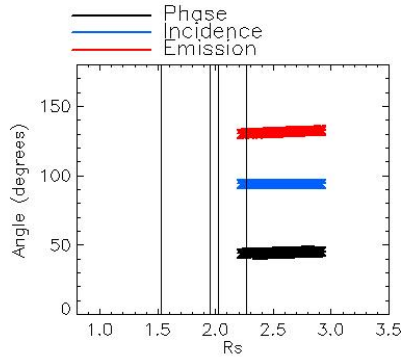
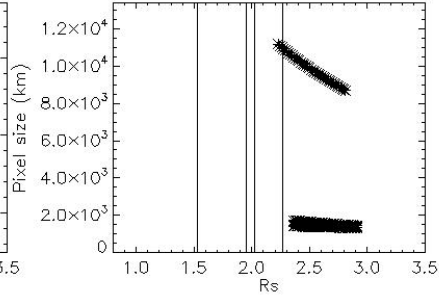
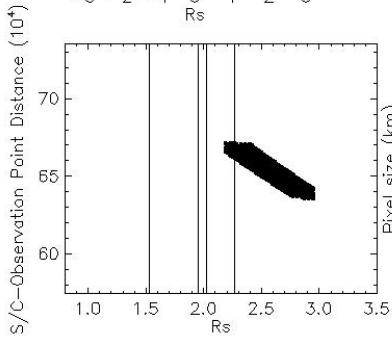


Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_21_13_30

Observation Duration:
480 S

Integration time = 120 S



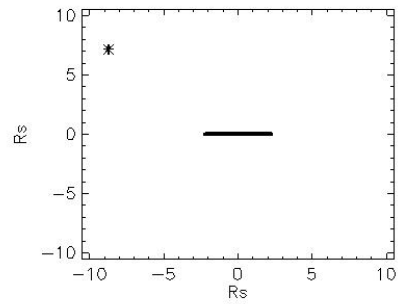
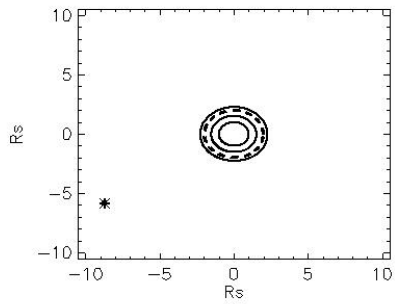
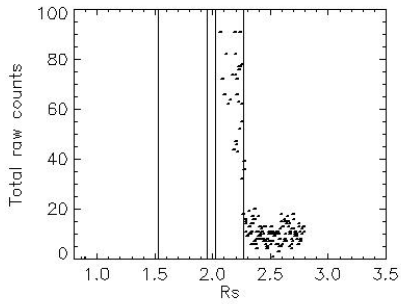
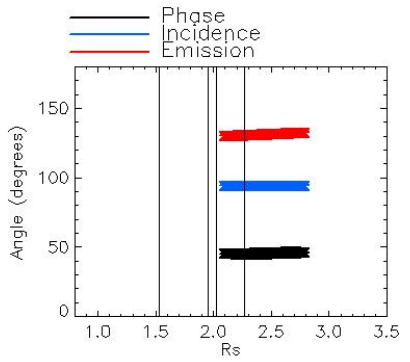
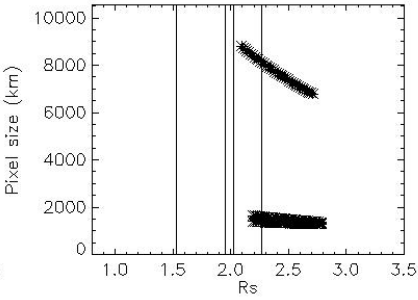
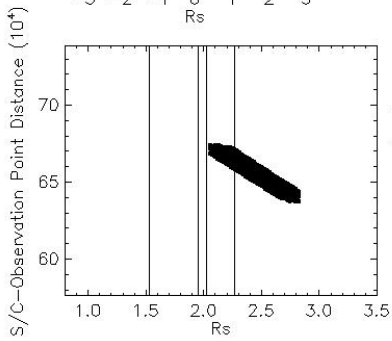
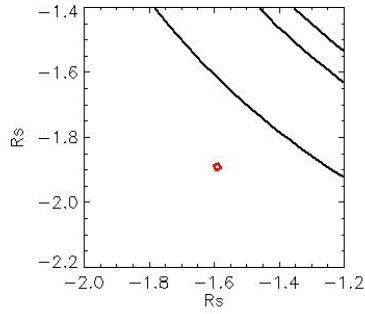
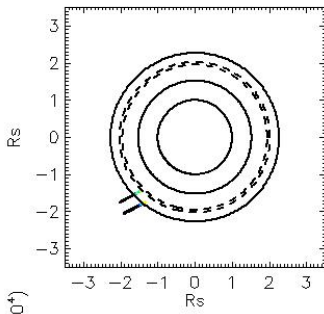
— Phase
— Incidence
— Emission

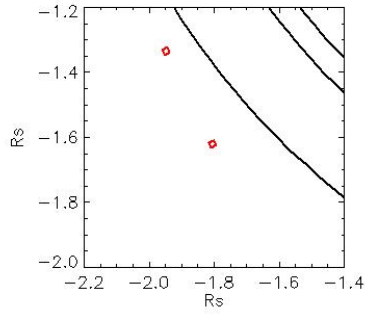
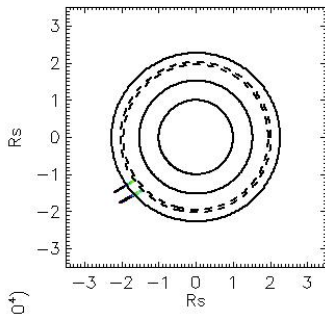
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_21_22_14

Observation Duration:
480 S

Integration time = 120 S



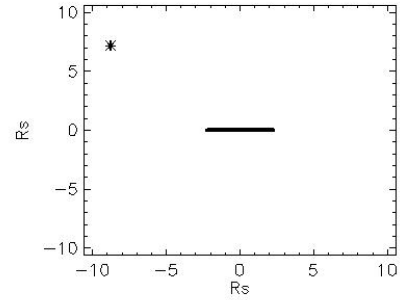
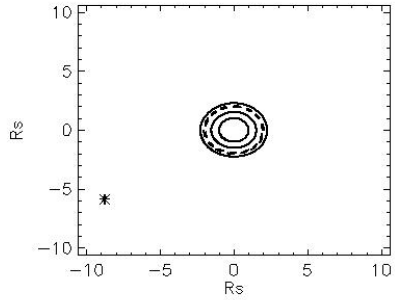
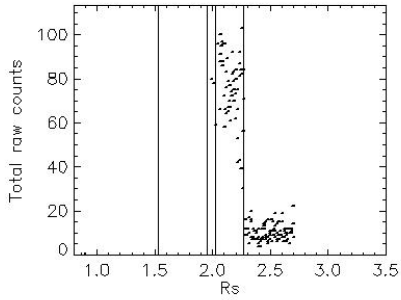
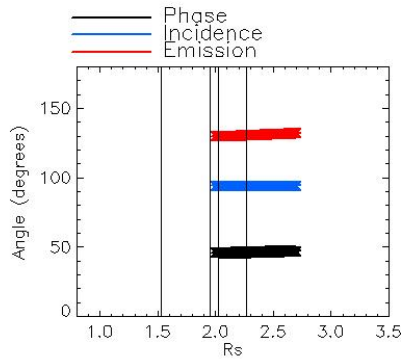
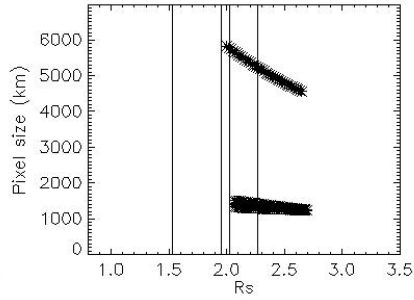
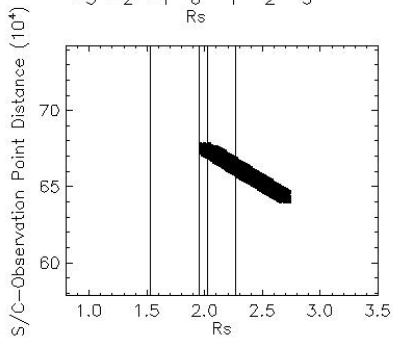


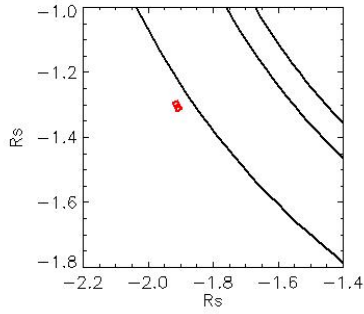
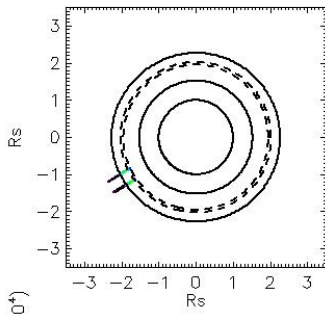
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_21_30_58

Observation Duration:
480 S

Integration time = 120 S



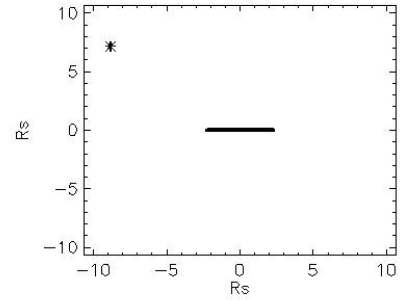
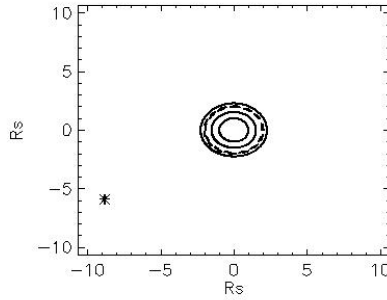
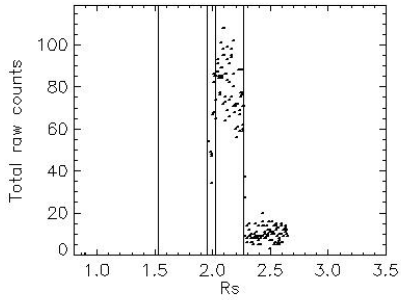
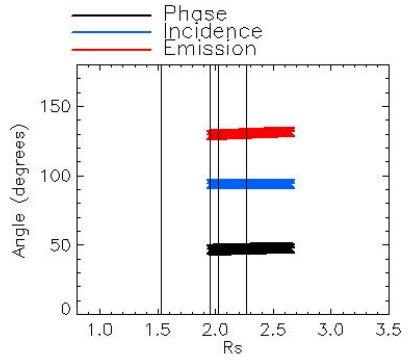
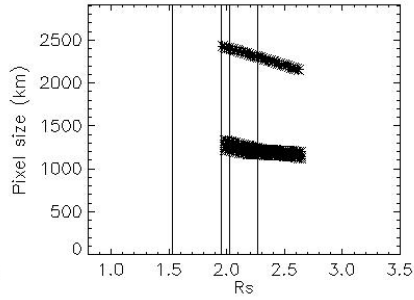
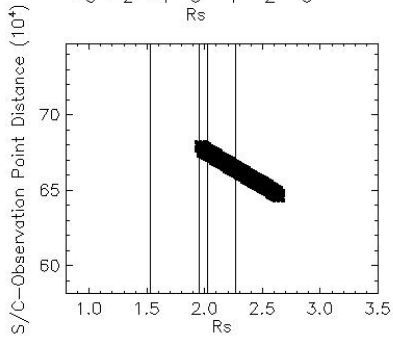


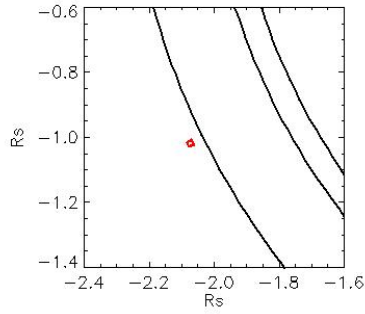
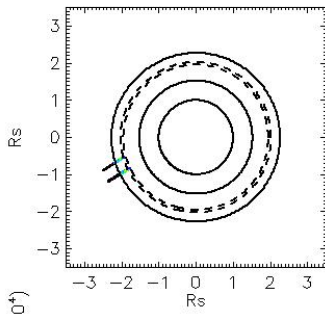
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_21_39_42

Observation Duration:
480 S

Integration time = 120 S



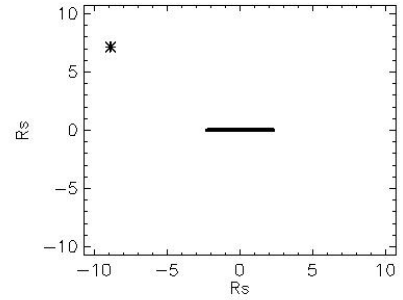
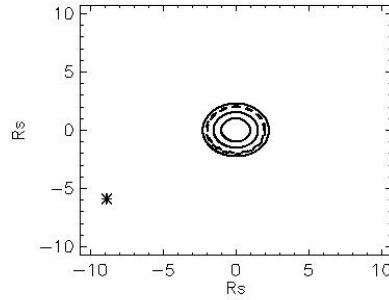
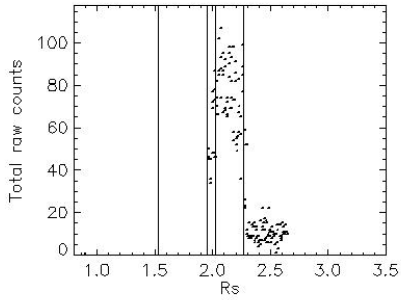
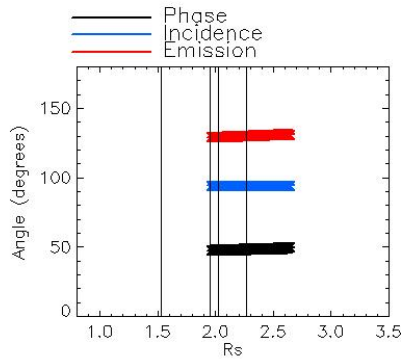
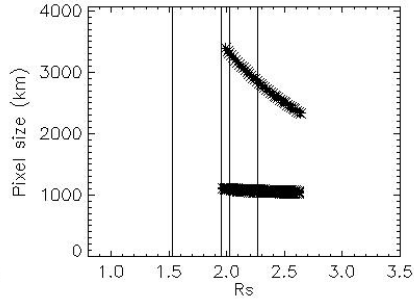
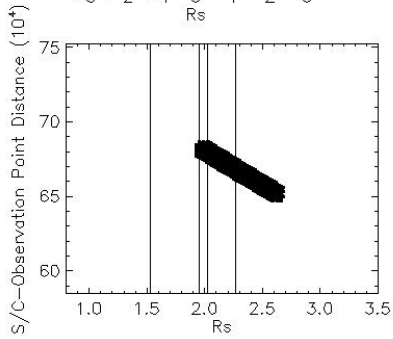


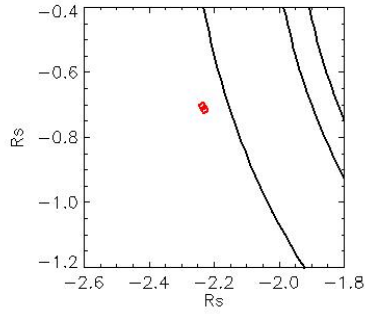
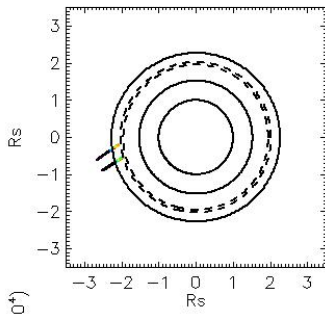
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_21_48_26

Observation Duration:
480 S

Integration time = 120 S



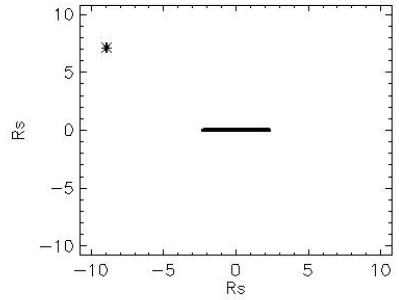
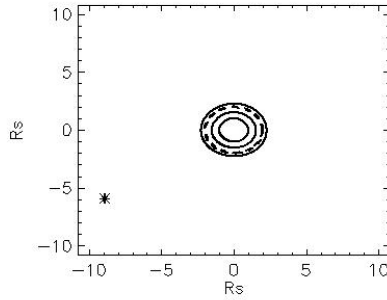
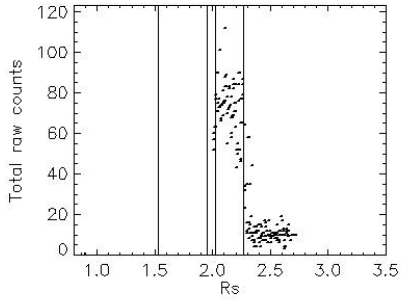
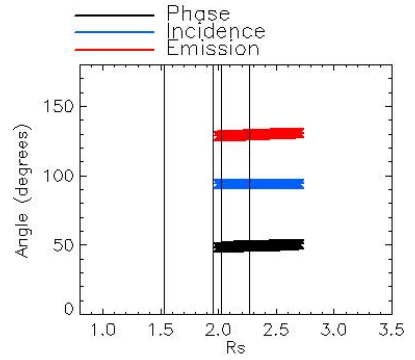
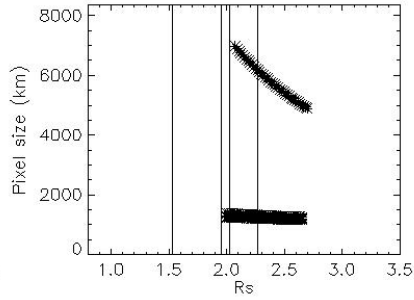
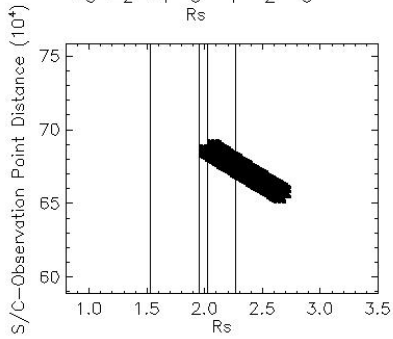


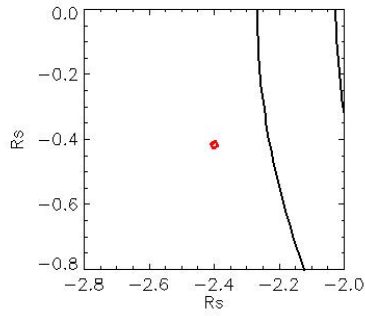
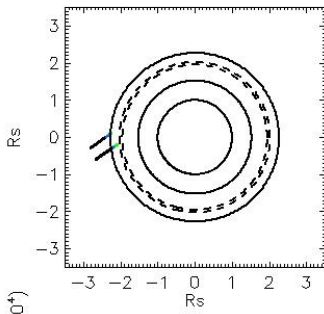
Observation Name:
UVIS_091RLAPOMOS001_VIMS

Observation Date:
2008_306_21_57_10

Observation Duration:
480 S

Integration time = 120 S



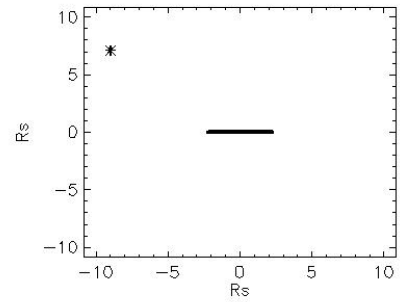
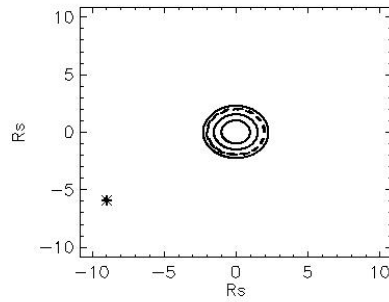
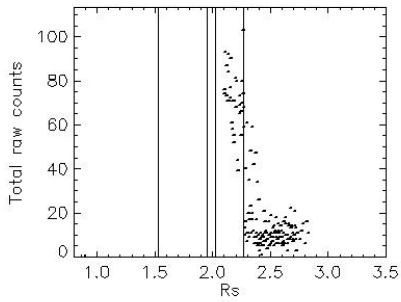
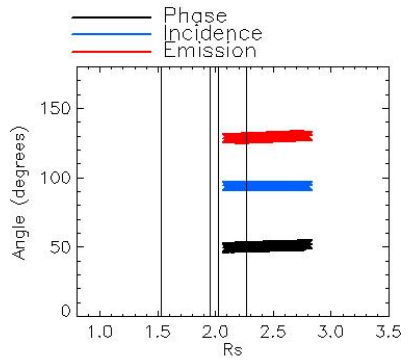
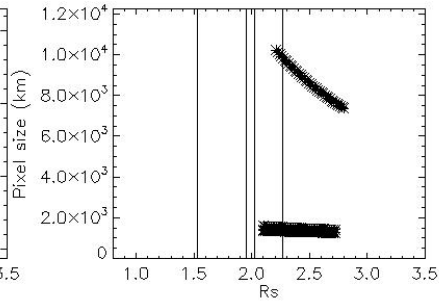
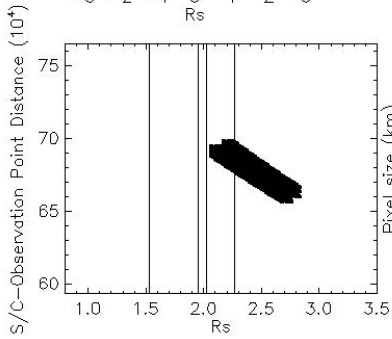


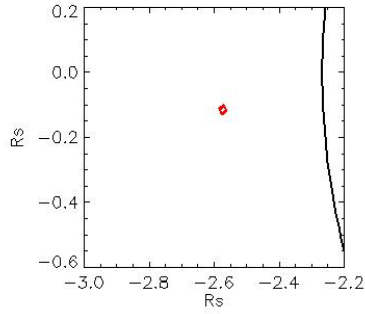
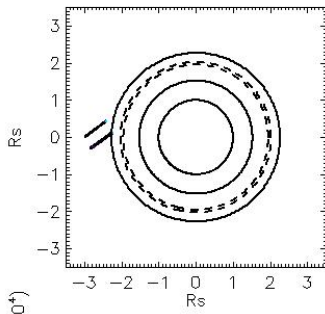
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_22_05_54

Observation Duration:
480 S

Integration time = 120 S



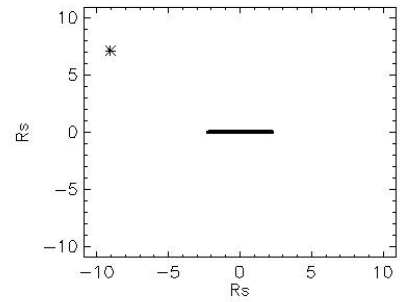
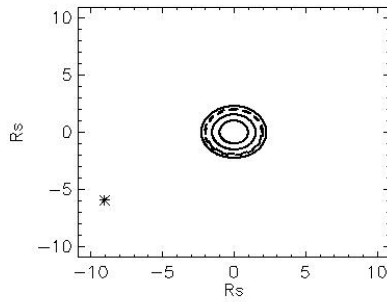
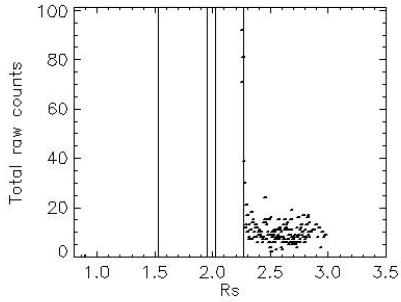
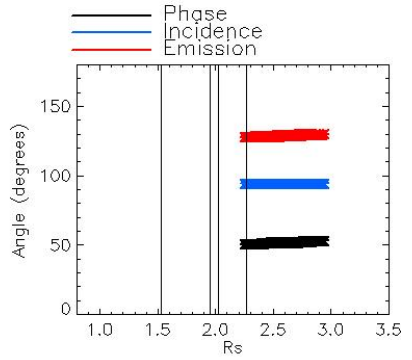
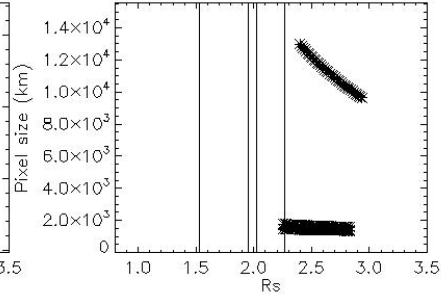
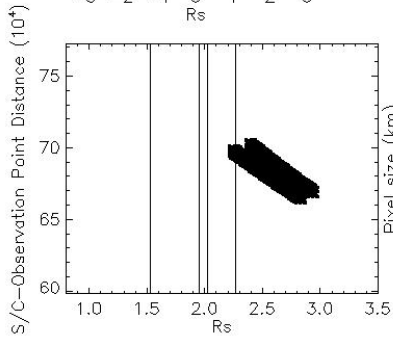


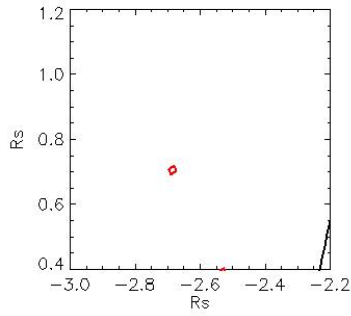
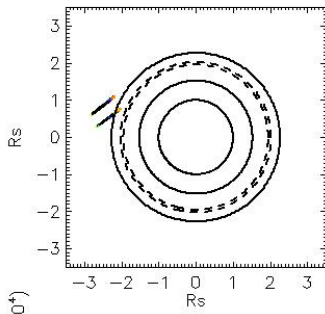
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_22_14_38

Observation Duration:
480 S

Integration time = 120 S



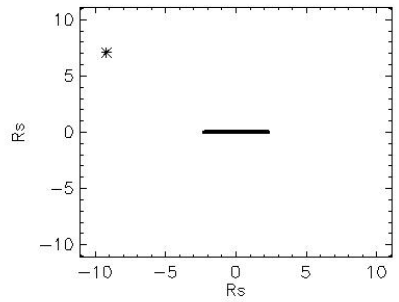
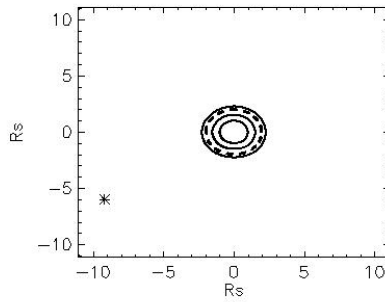
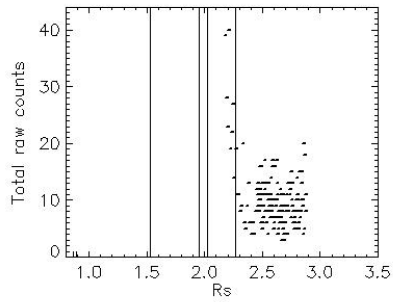
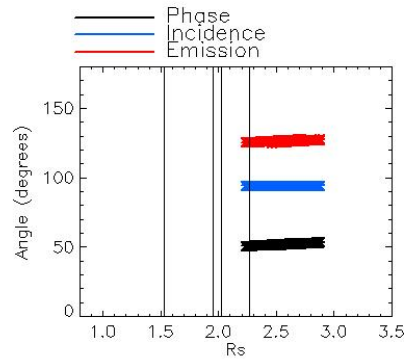
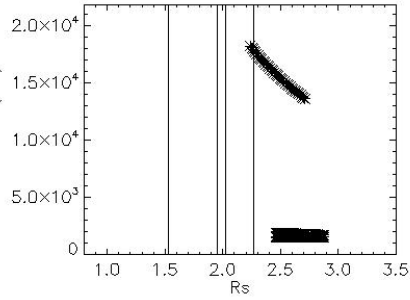
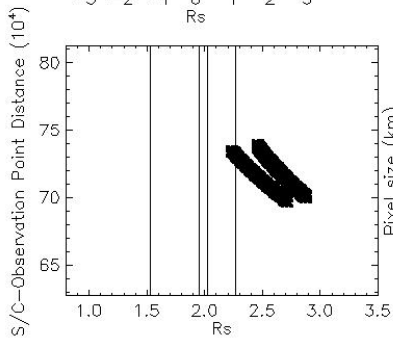


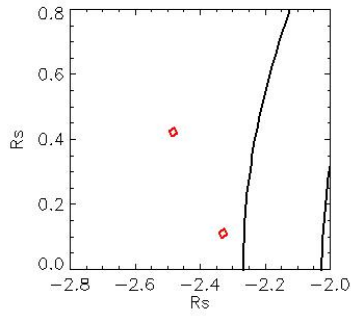
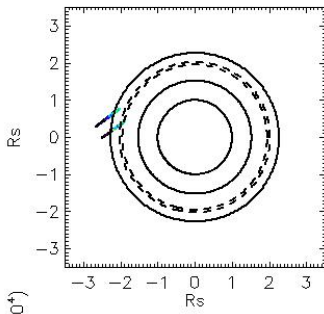
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_22_41_19

Observation Duration:
480 S

Integration time = 120 S



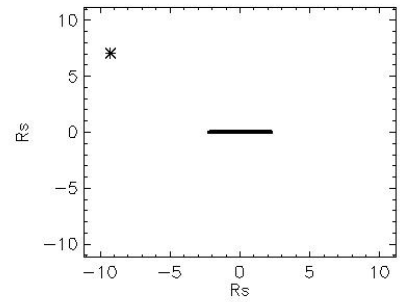
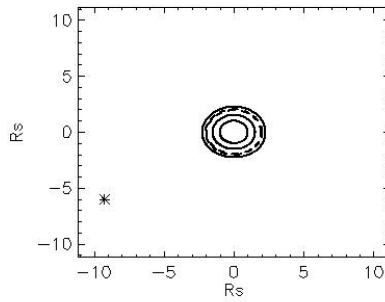
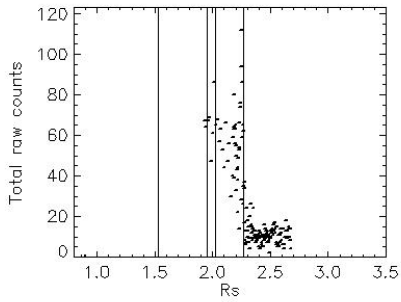
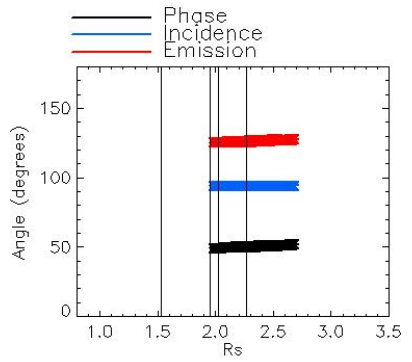
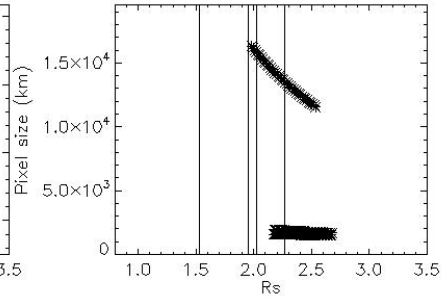
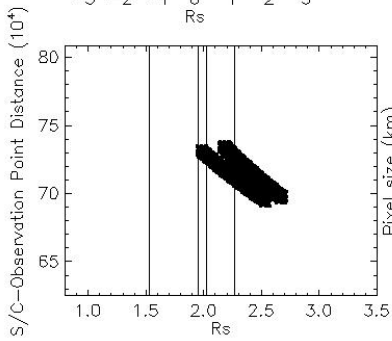


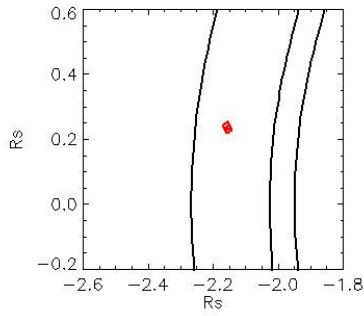
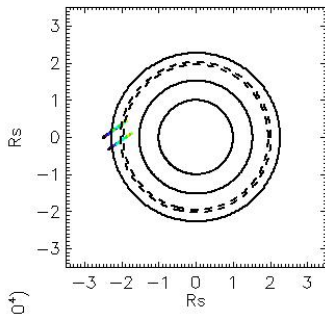
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_22_50_03

Observation Duration:
480 S

Integration time = 120 S



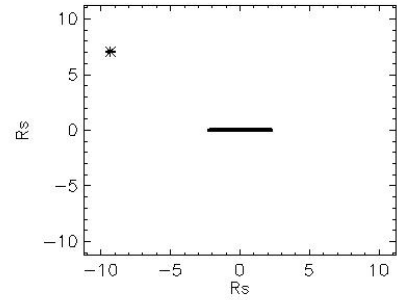
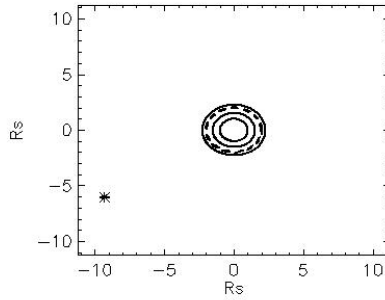
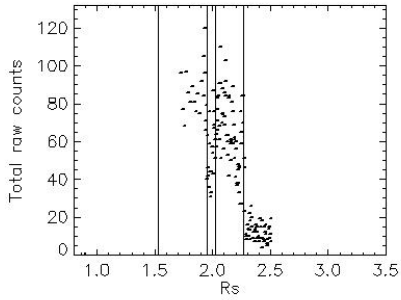
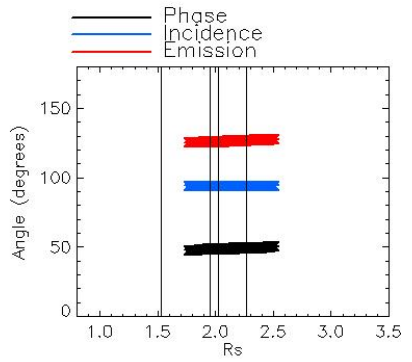
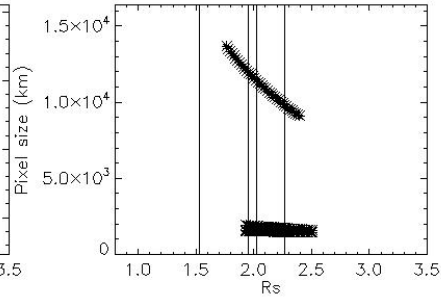
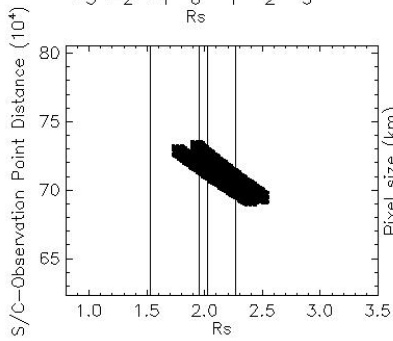


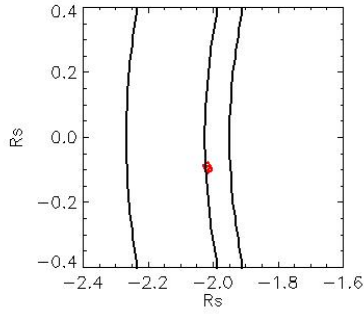
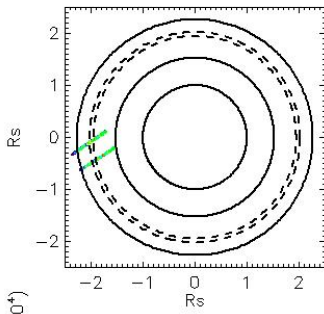
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_22_58_47

Observation Duration:
480 S

Integration time = 120 S



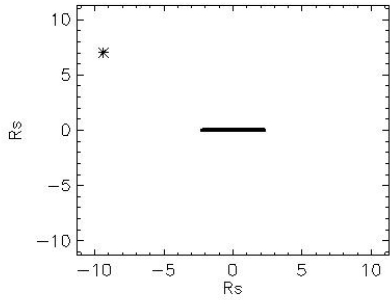
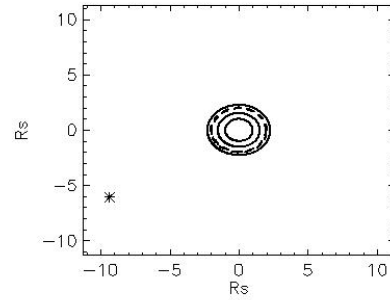
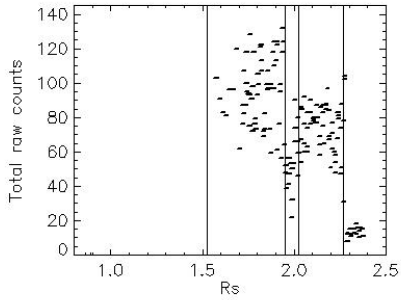
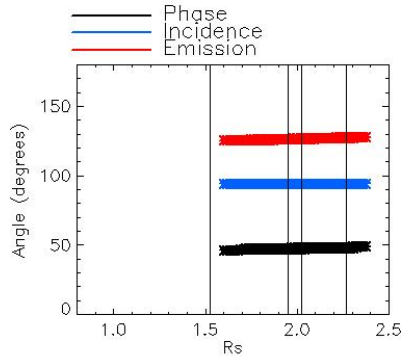
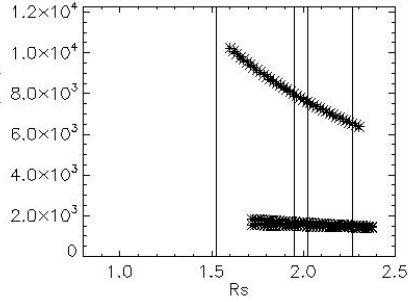
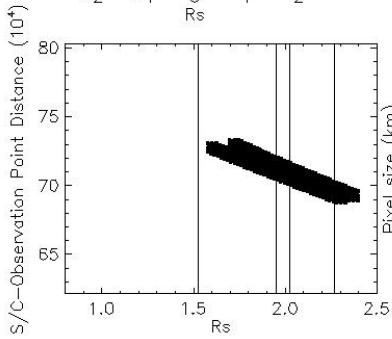


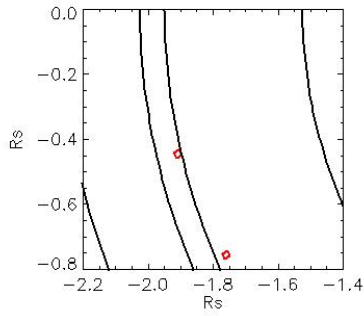
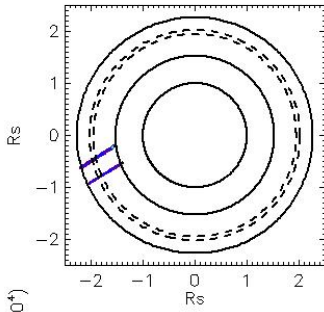
Observation Name:
UVIS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_23_07_31

Observation Duration:
480 S

Integration time = 120 S



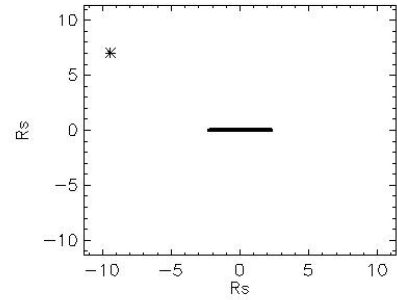
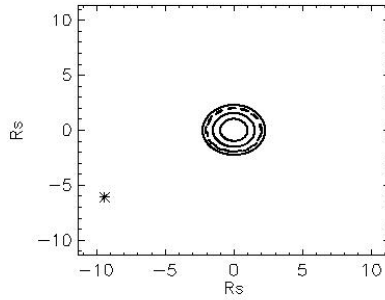
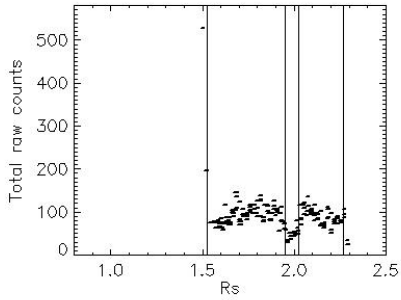
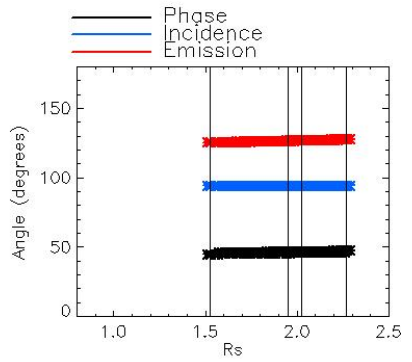
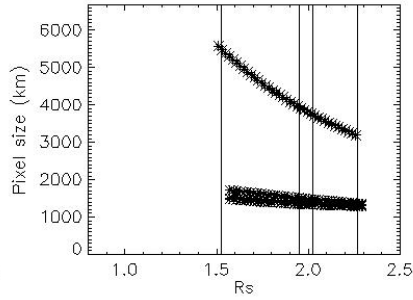
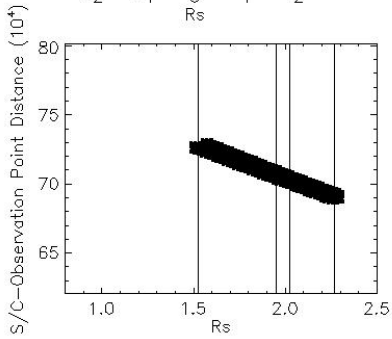


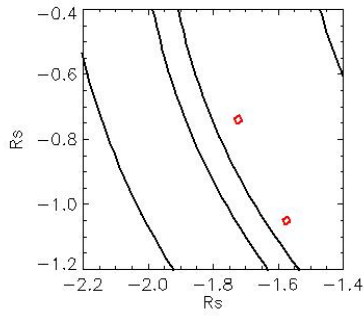
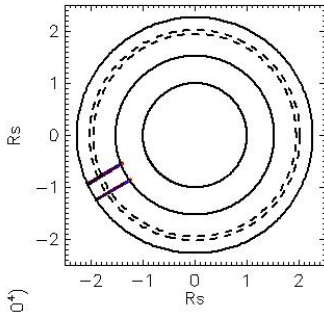
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_23_16_15

Observation Duration:
480 S

Integration time = 120 S



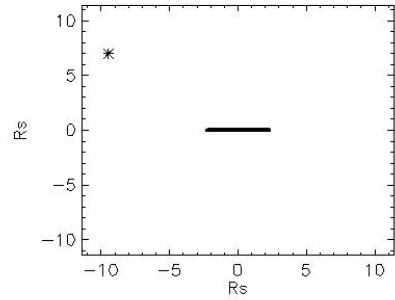
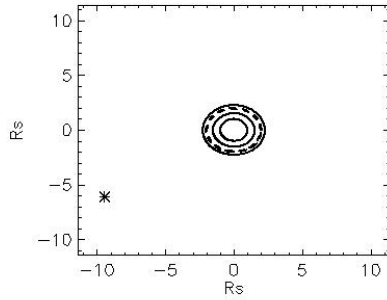
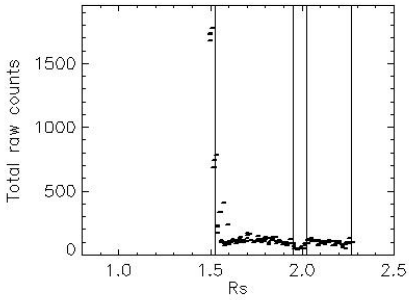
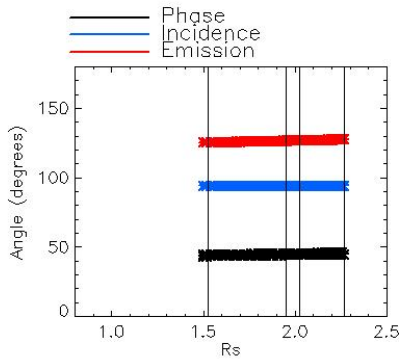
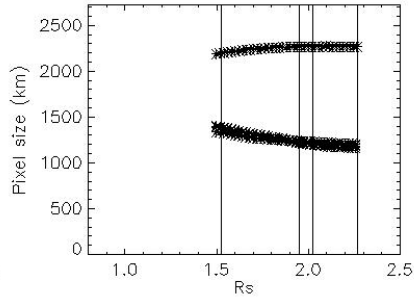
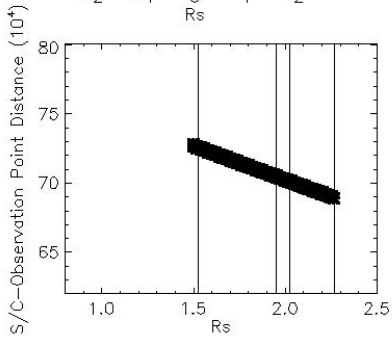


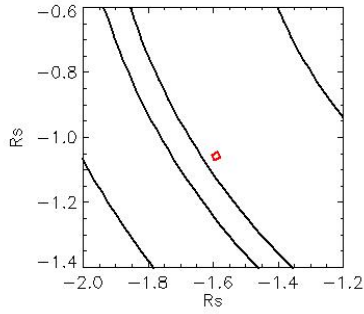
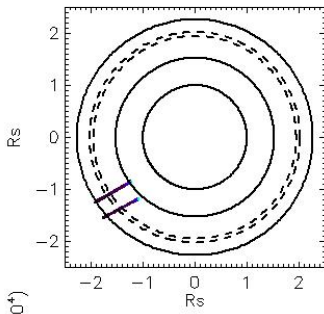
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_23_24_59

Observation Duration:
480 S

Integration time = 120 S



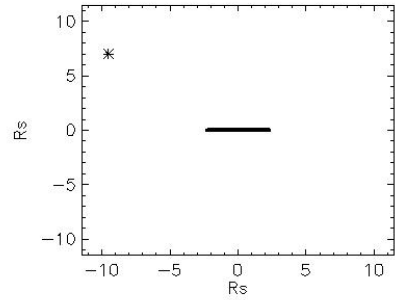
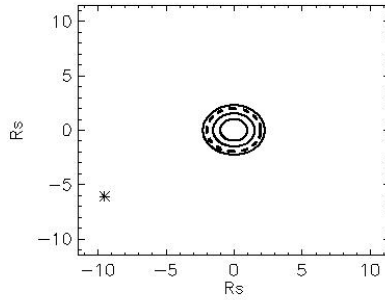
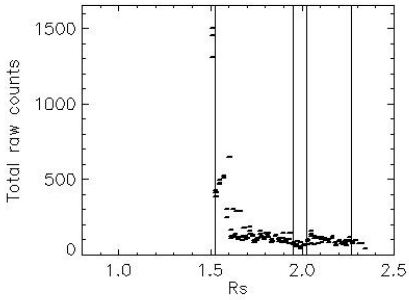
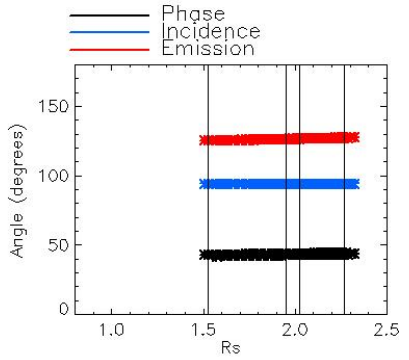
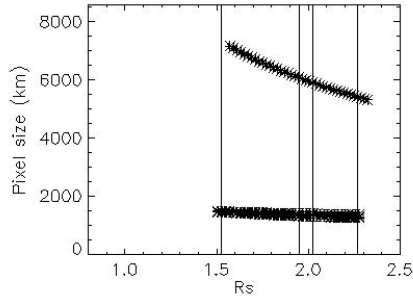
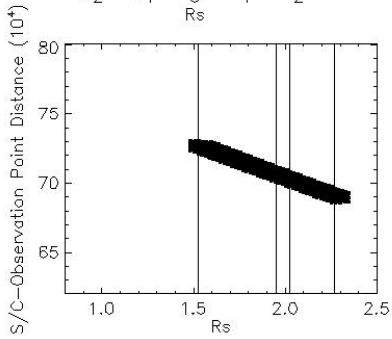


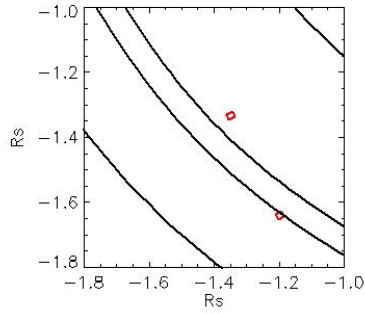
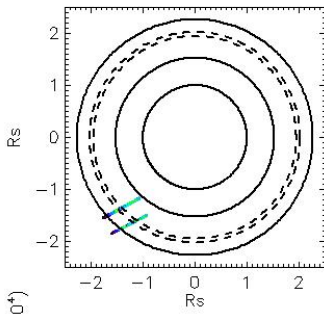
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_23_33_43

Observation Duration:
480 S

Integration time = 120 S



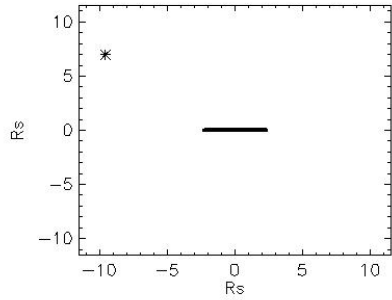
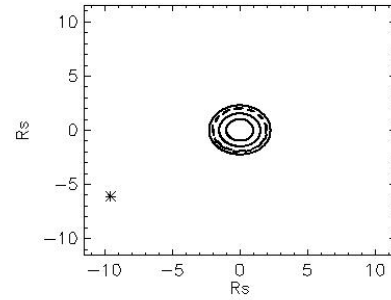
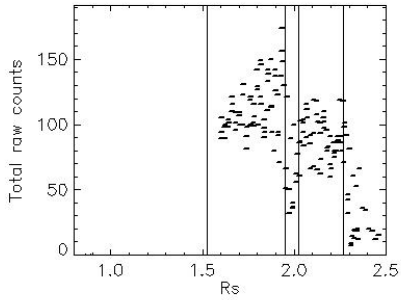
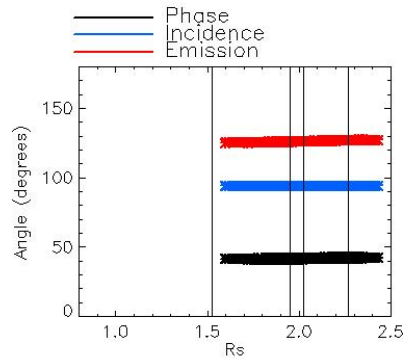
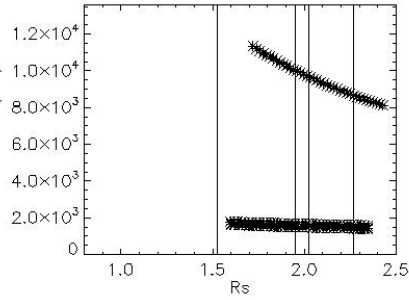
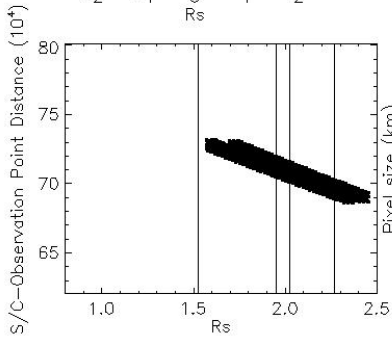


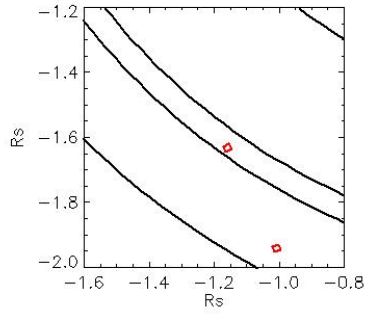
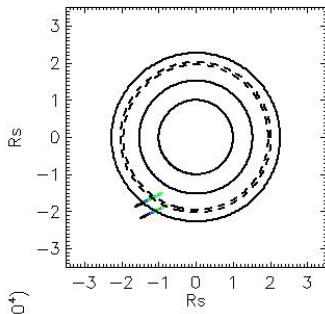
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_23_42_27

Observation Duration:
480 S

Integration time = 120 S



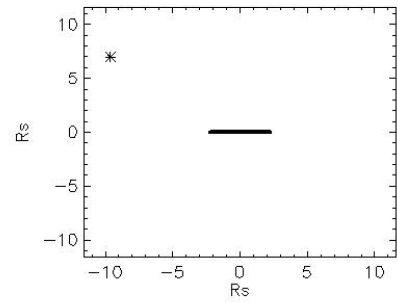
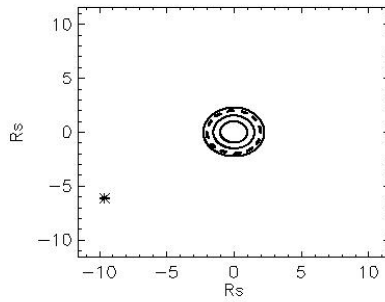
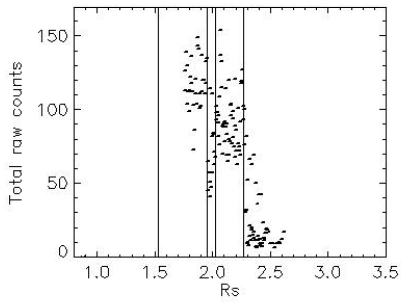
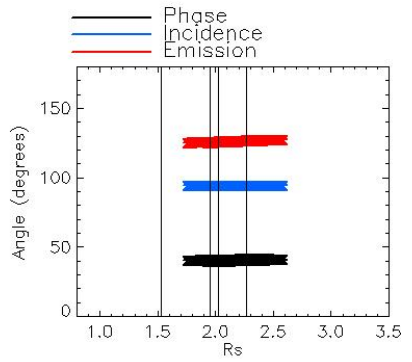
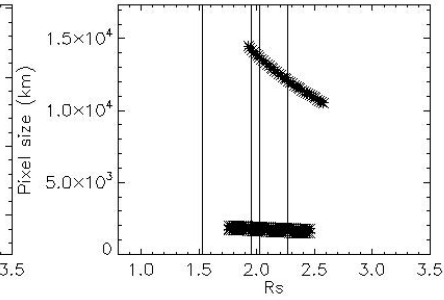
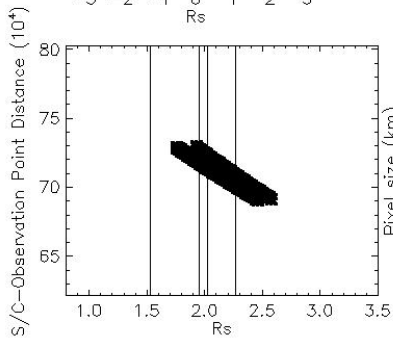


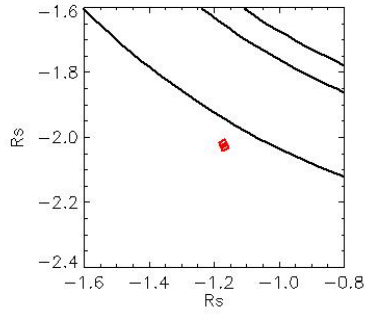
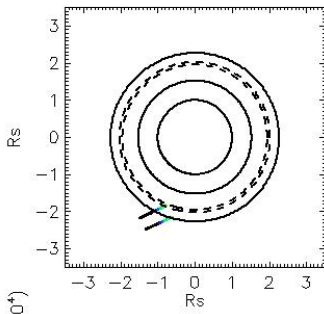
Observation Name:
UVIS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_23_51_11

Observation Duration:
480 S

Integration time = 120 S



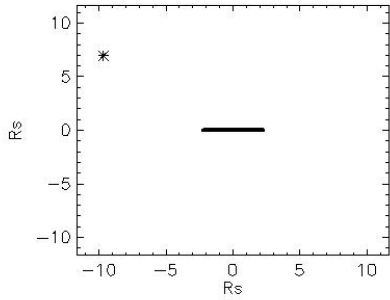
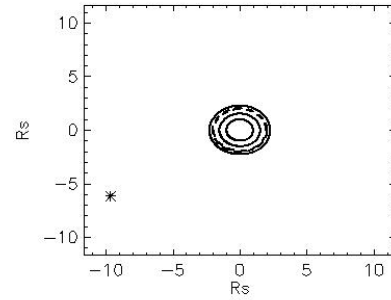
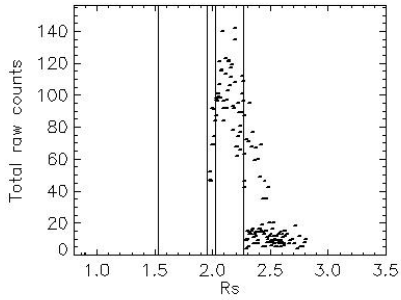
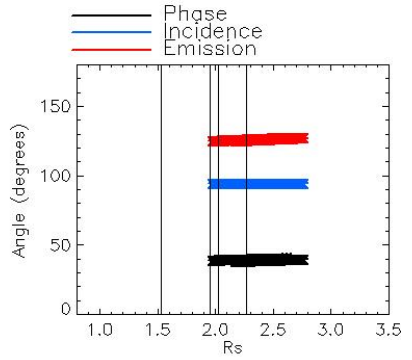
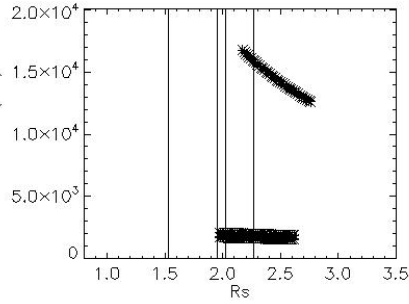
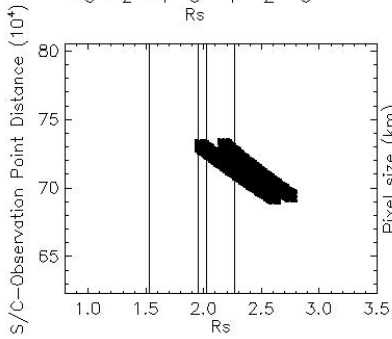


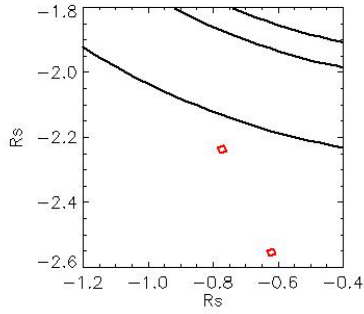
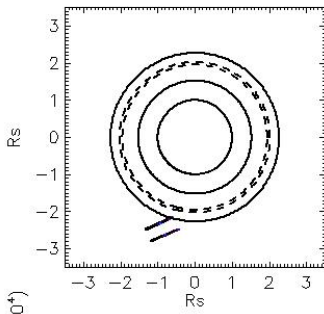
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_306_23_59_55

Observation Duration:
480 S

Integration time = 120 S



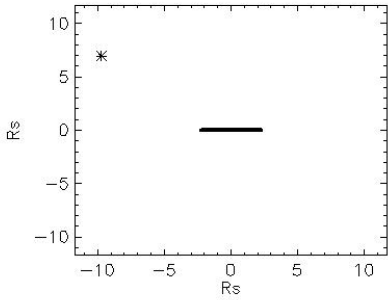
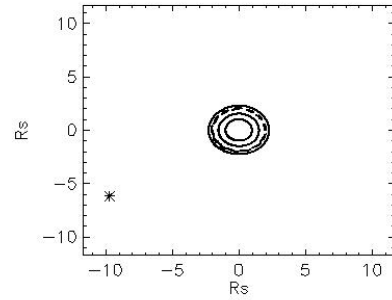
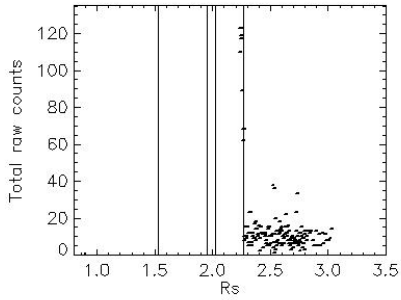
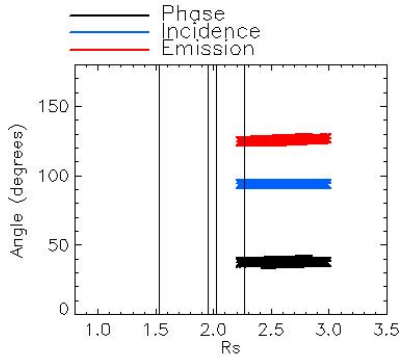
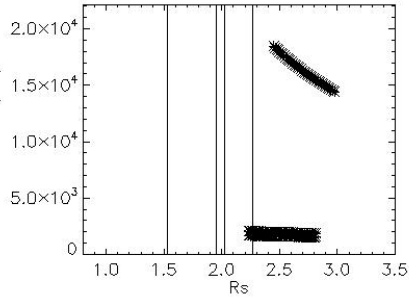
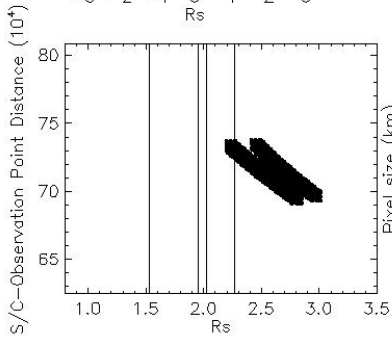


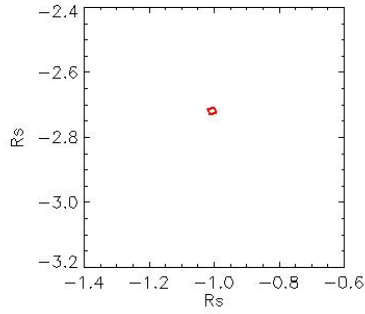
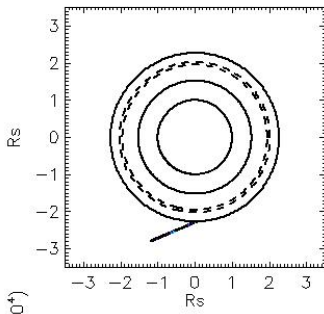
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_00_08_39

Observation Duration:
480 S

Integration time = 120 S



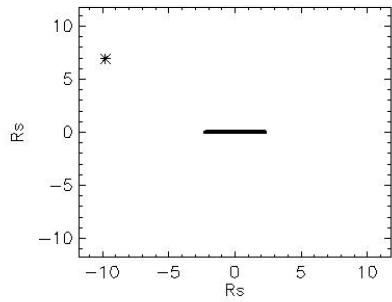
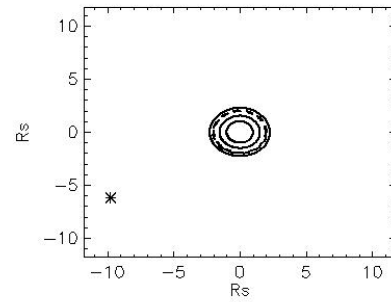
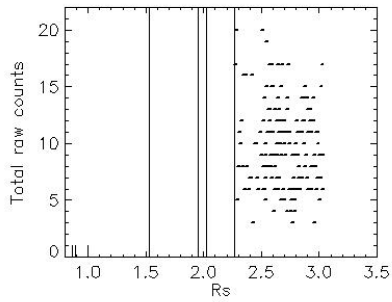
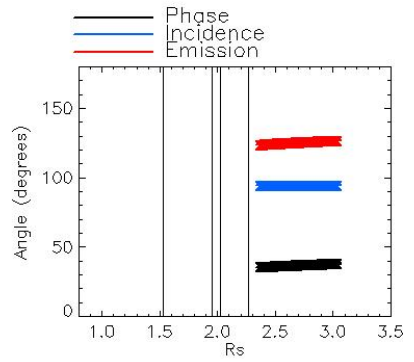
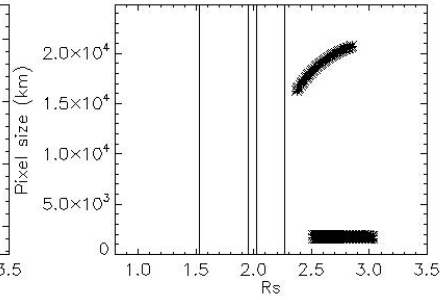
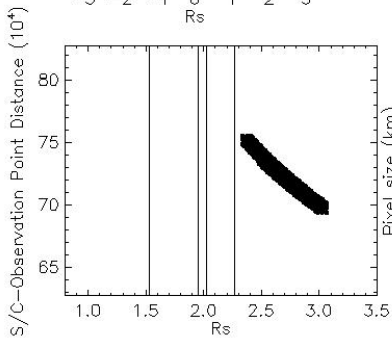


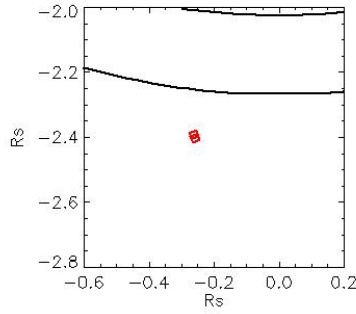
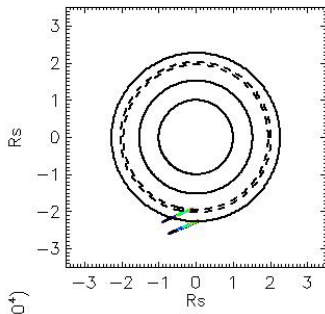
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_00_17_23

Observation Duration:
480 S

Integration time = 120 S



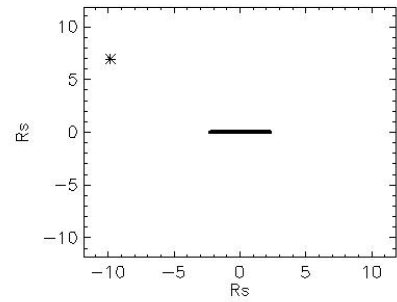
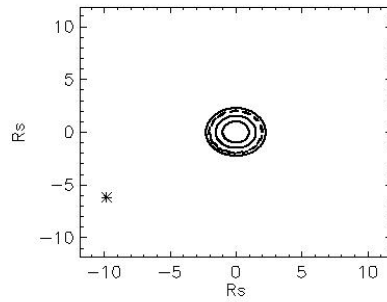
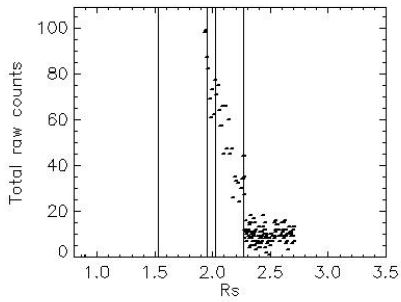
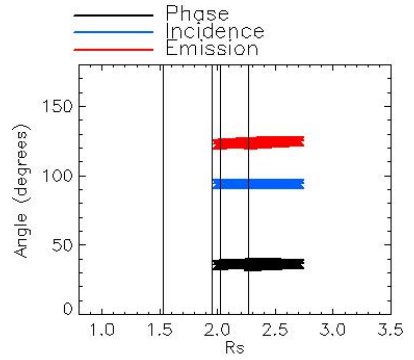
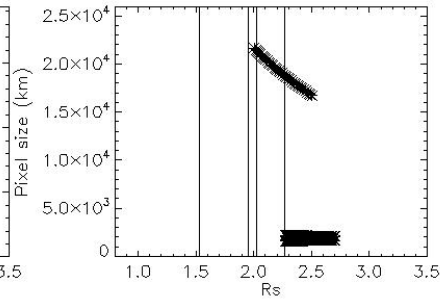
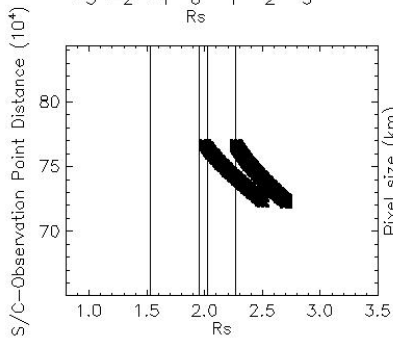


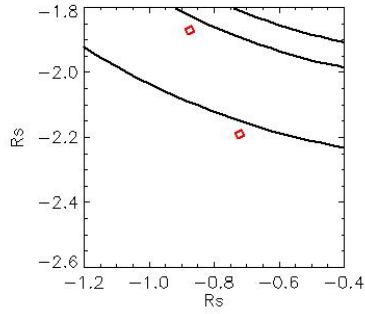
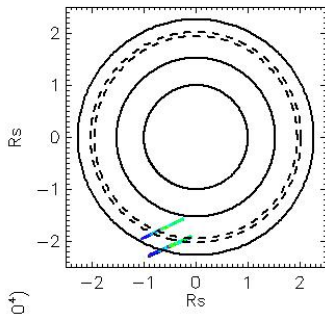
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_00_26_36

Observation Duration:
480 S

Integration time = 120 S





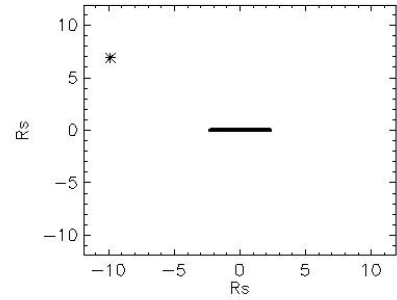
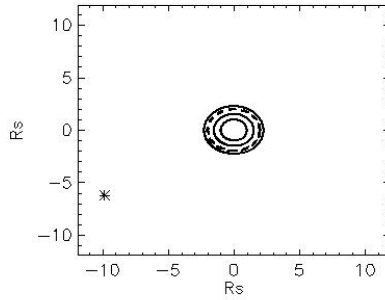
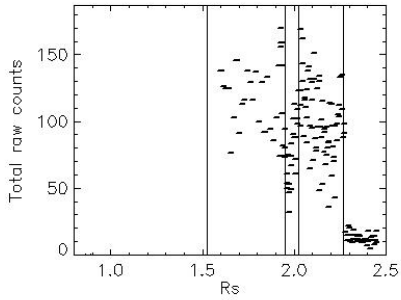
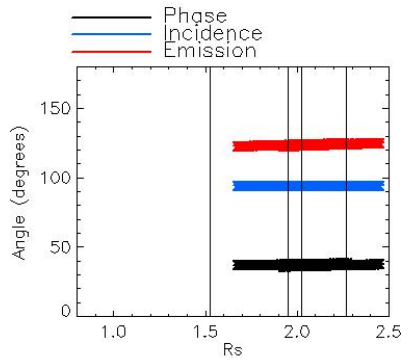
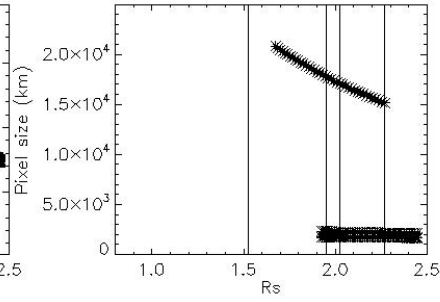
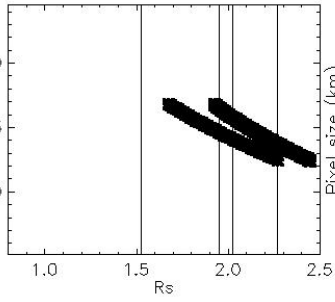
Observation Name:
UVS_091RLAPOMOS01_VIMS

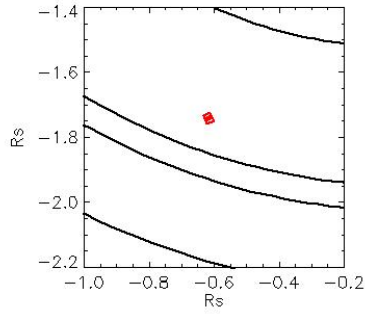
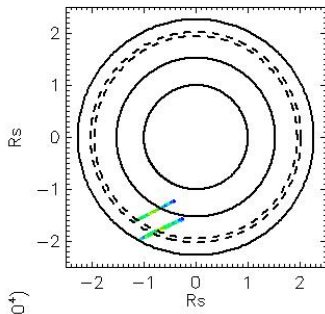
Observation Date:
2008_307_00_35_20

Observation Duration:
480 S

Integration time = 120 S

S/C—Observation Point Distance (10^4)





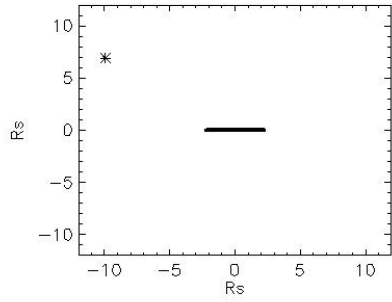
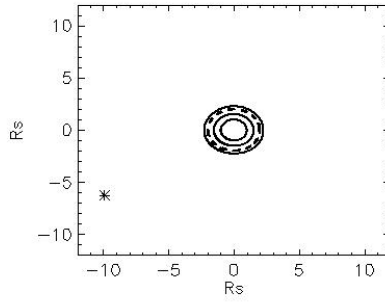
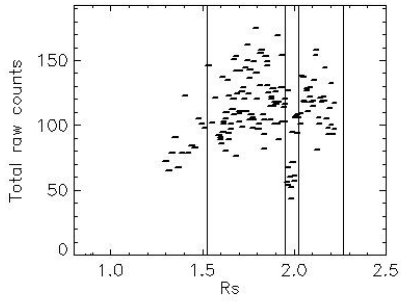
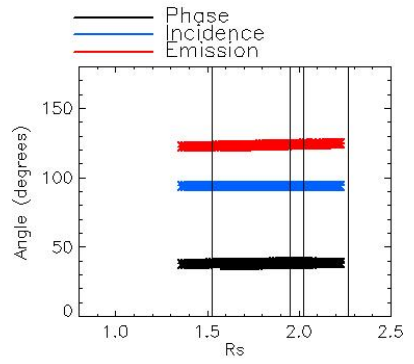
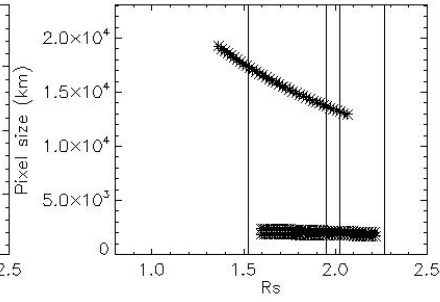
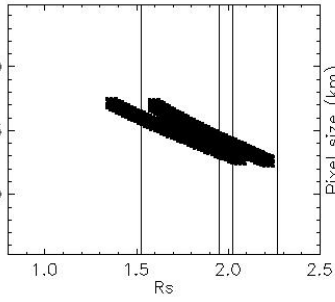
Observation Name:
UMS_091RLAPOMOS01_VIMS

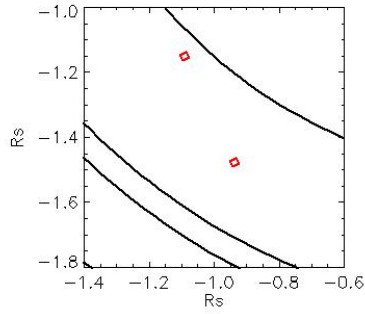
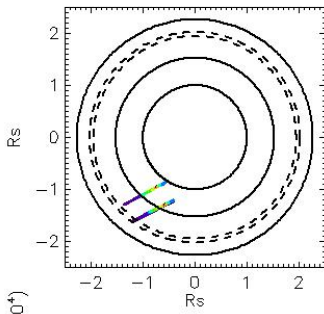
Observation Date:
2008_307_00_44_04

Observation Duration:
480 S

Integration time = 120 S

S/C—Observation Point Distance (10^4)



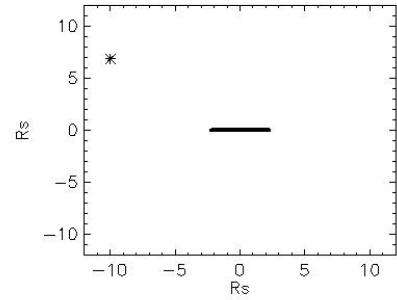
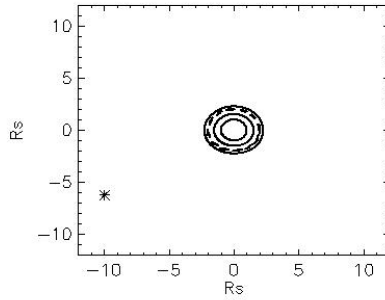
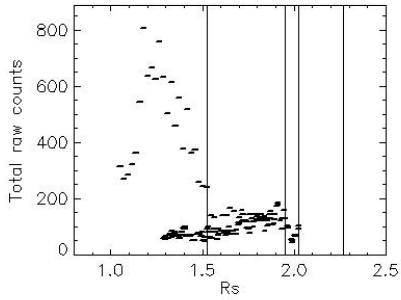
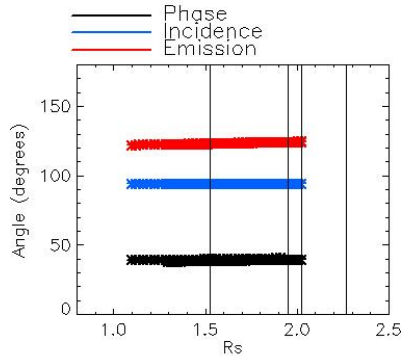
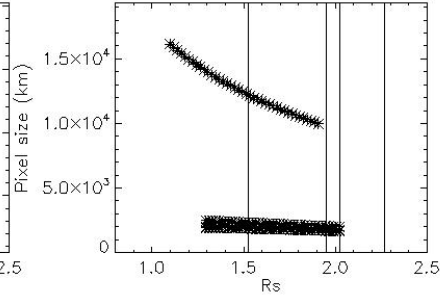
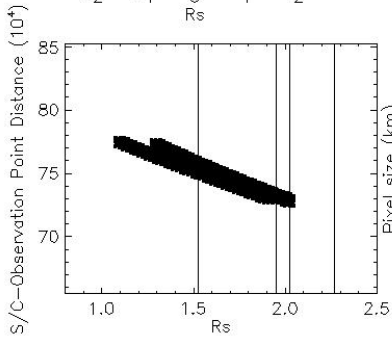


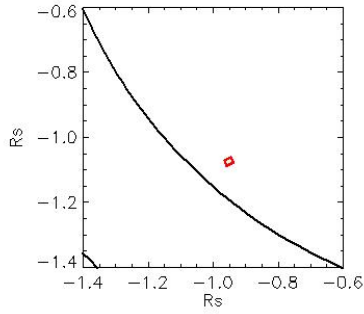
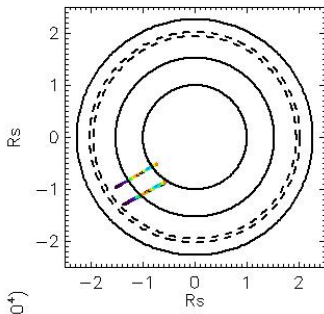
Observation Name:
UVIS_091RLAPOMOS001_VIMS

Observation Date:
2008_307_00_52_48

Observation Duration:
480 S

Integration time = 120 S



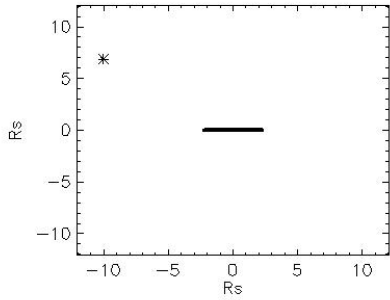
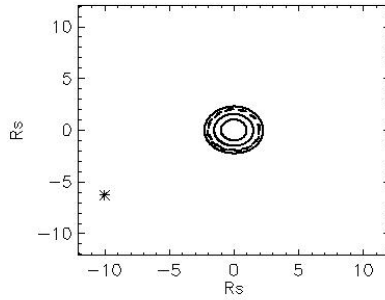
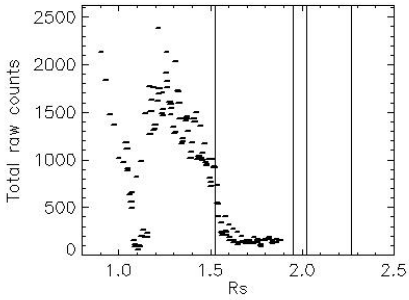
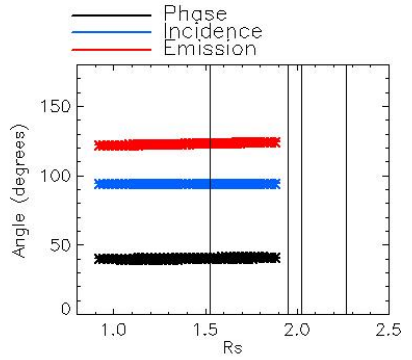
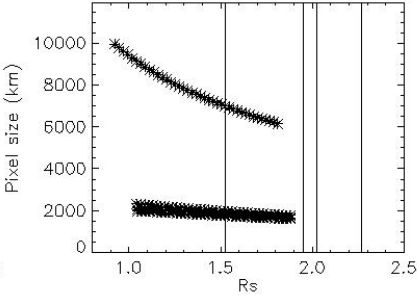
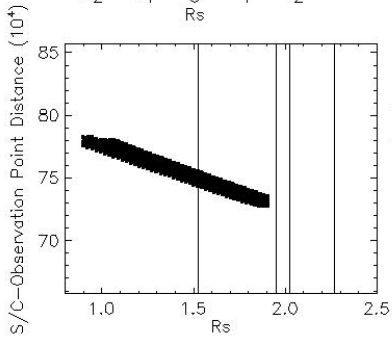


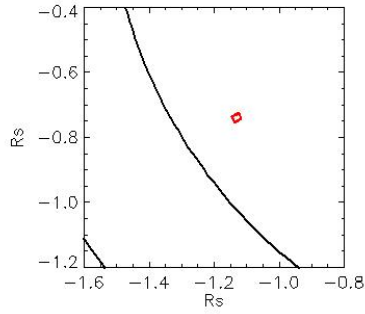
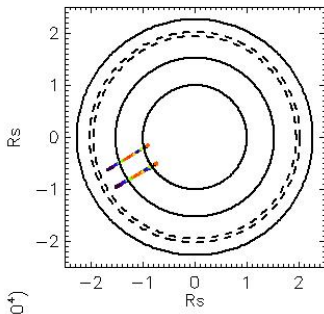
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_01_01_32

Observation Duration:
480 S

Integration time = 120 S



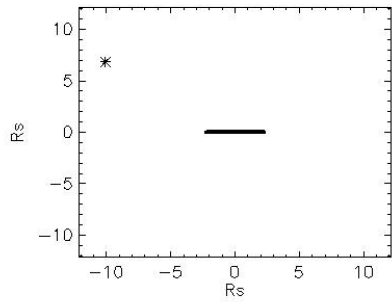
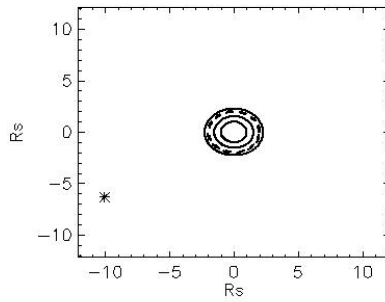
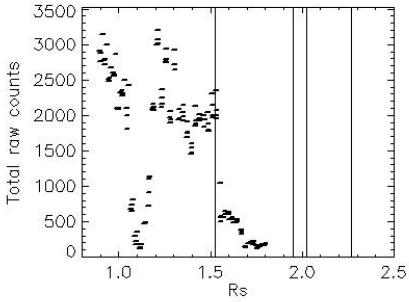
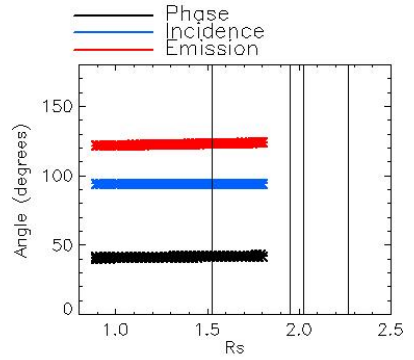
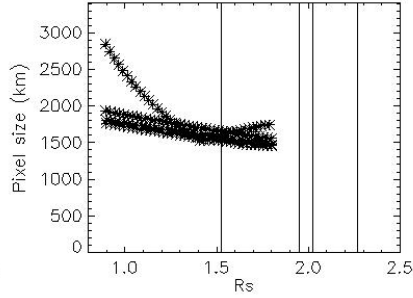
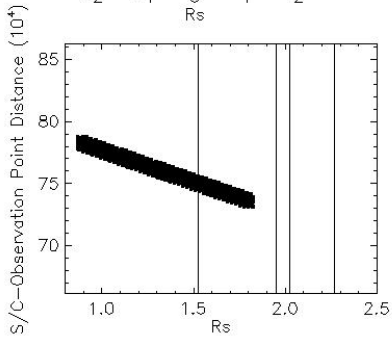


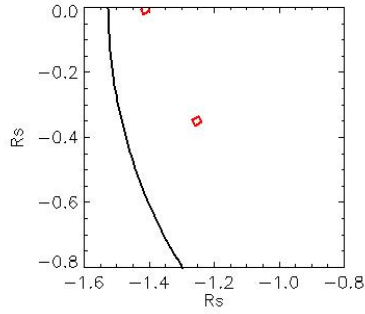
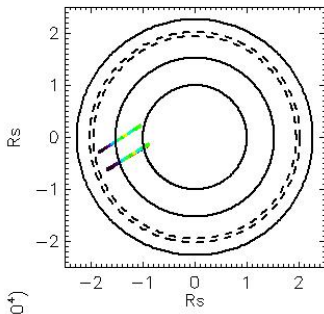
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_01_10_16

Observation Duration:
480 S

Integration time = 120 S



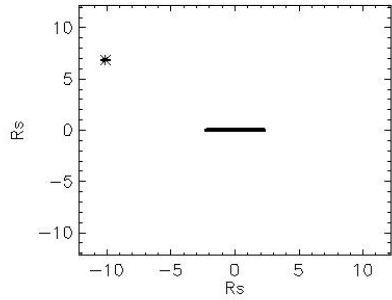
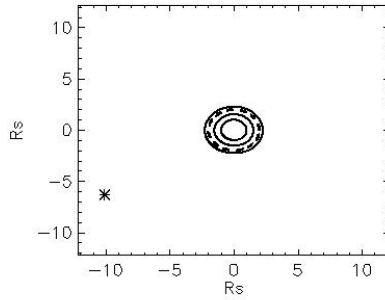
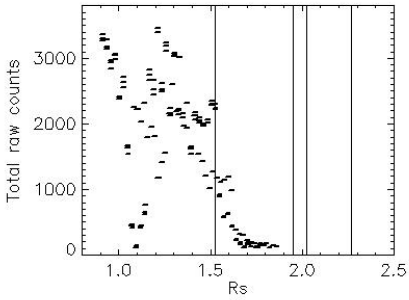
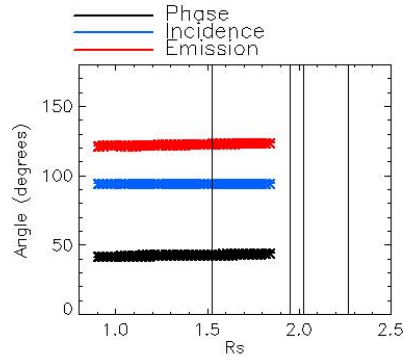
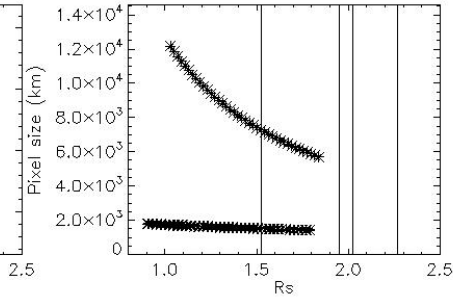
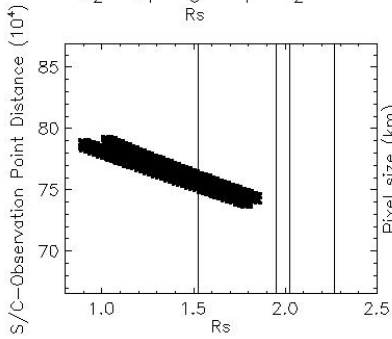


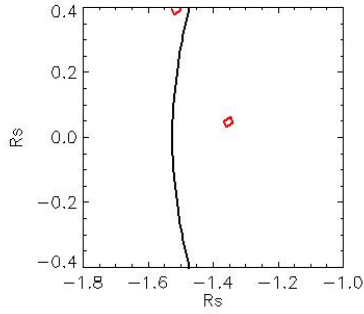
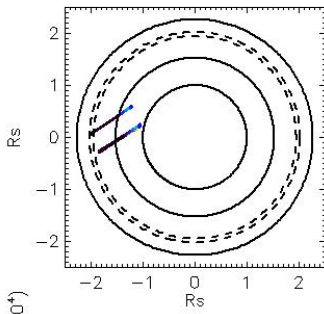
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_01_19_00

Observation Duration:
480 S

Integration time = 120 S



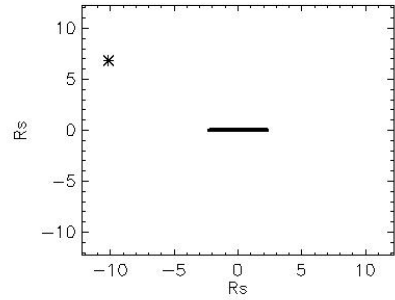
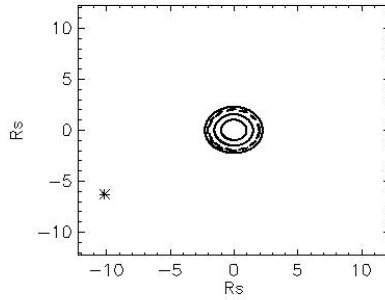
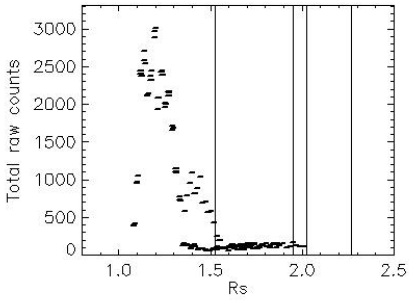
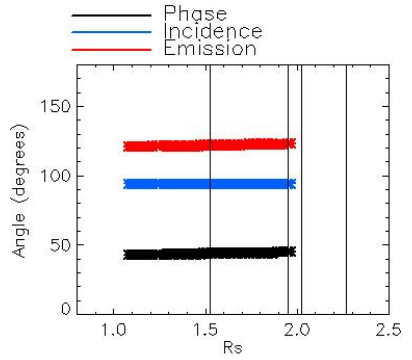
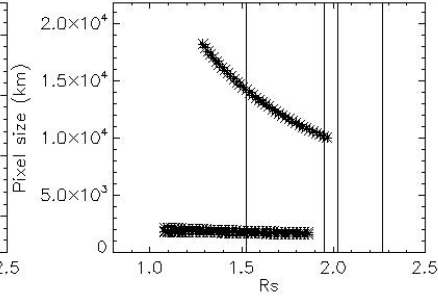
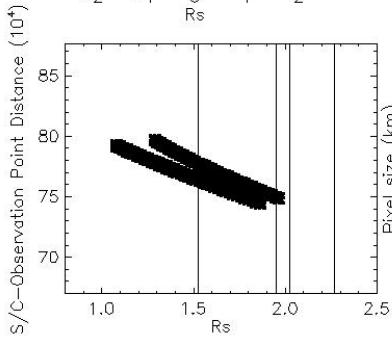


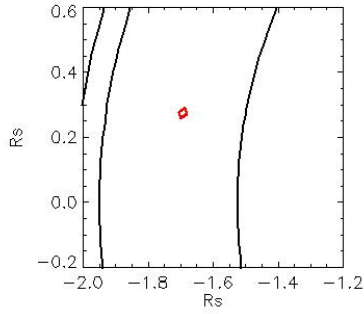
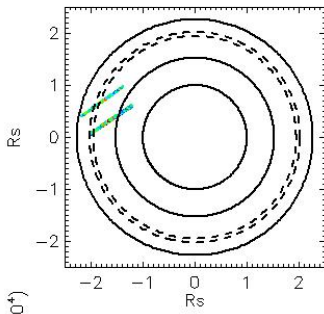
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_01_27_44

Observation Duration:
480 S

Integration time = 120 S



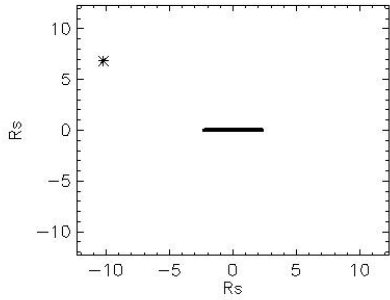
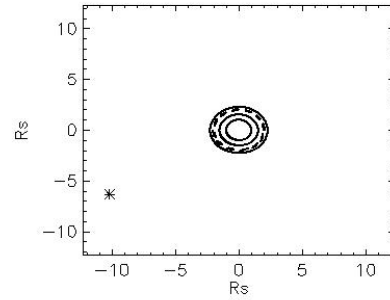
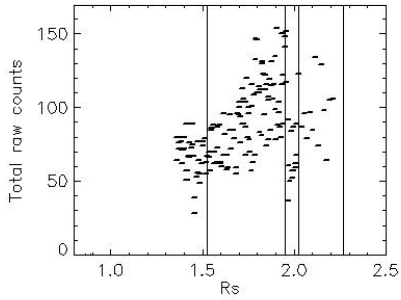
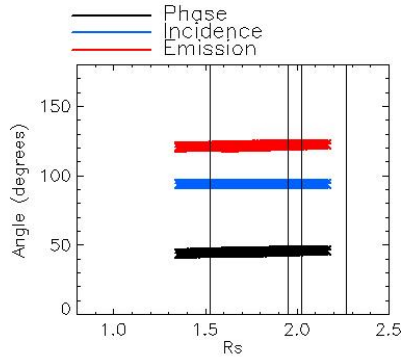
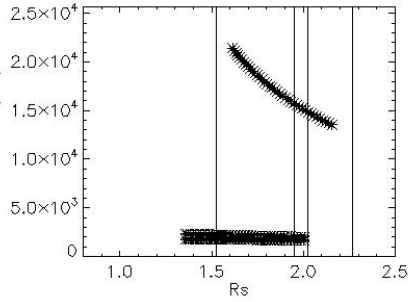
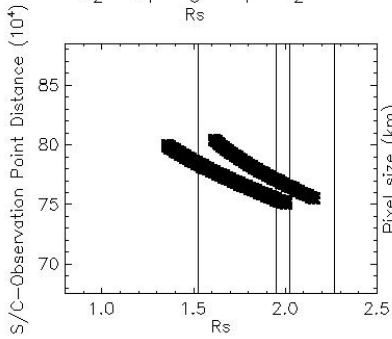


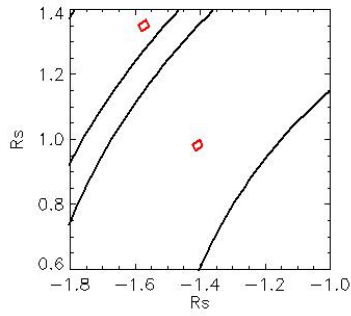
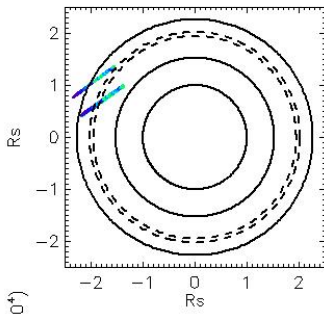
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_01_36_28

Observation Duration:
480 S

Integration time = 120 S



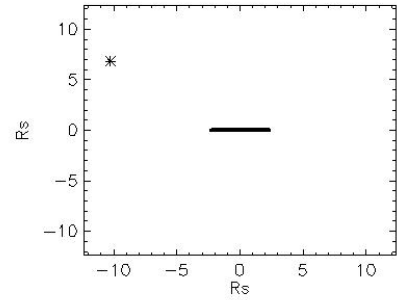
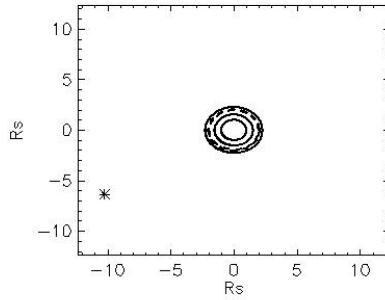
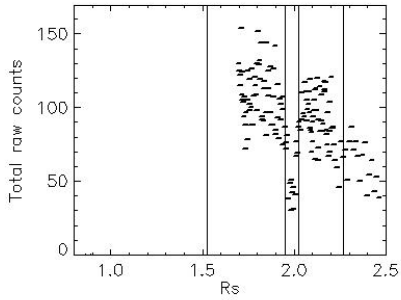
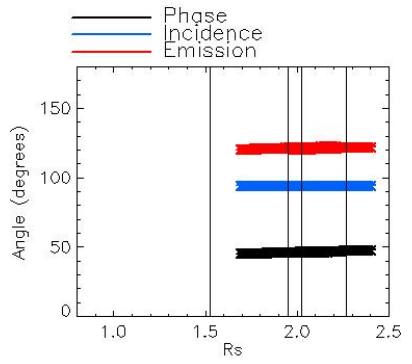
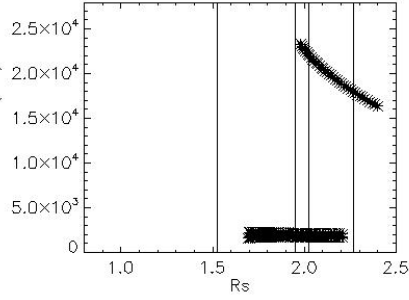
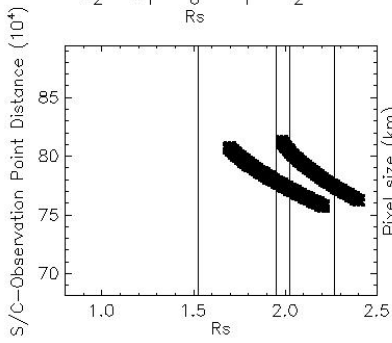


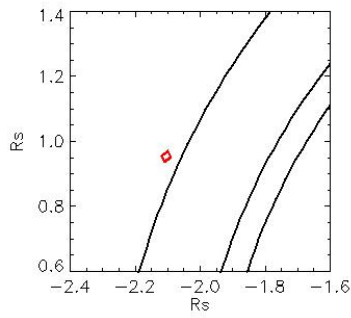
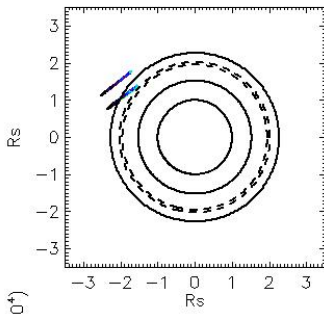
Observation Name:
UVIS_091RLAPOMOS001_VIMS

Observation Date:
2008_307_01_45_12

Observation Duration:
480 S

Integration time = 120 S



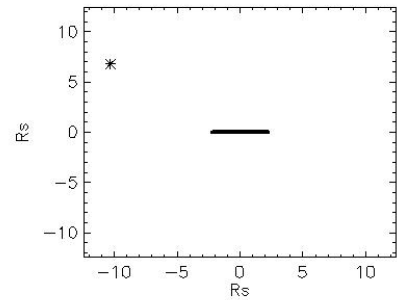
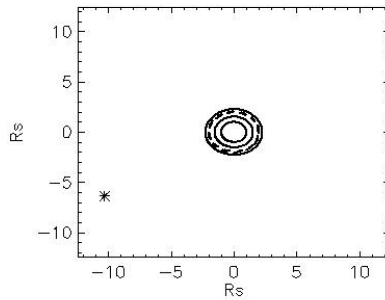
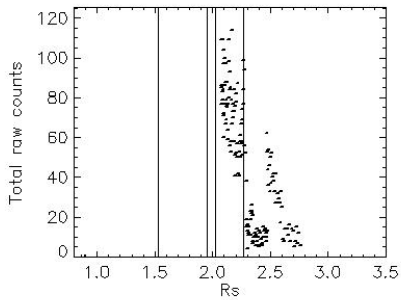
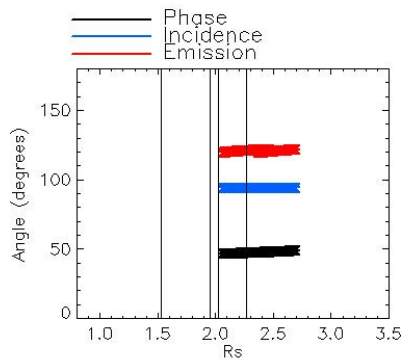
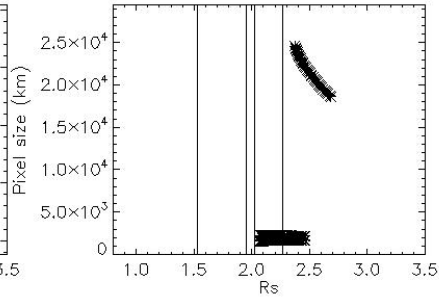
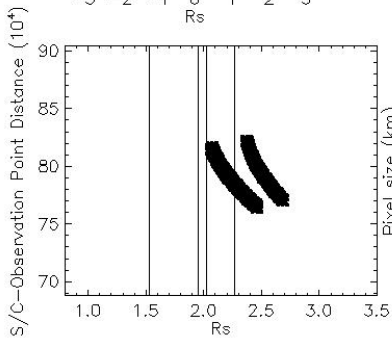


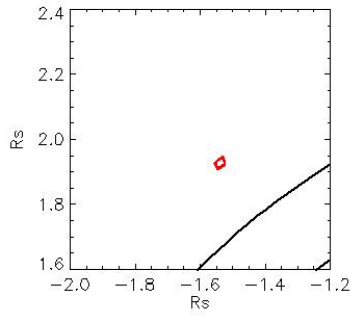
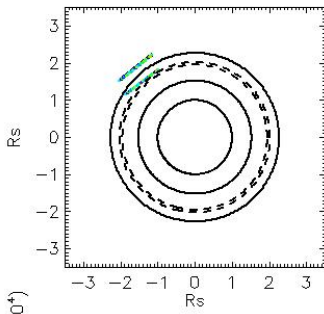
Observation Name:
UVIS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_01_53_56

Observation Duration:
480 S

Integration time = 120 S



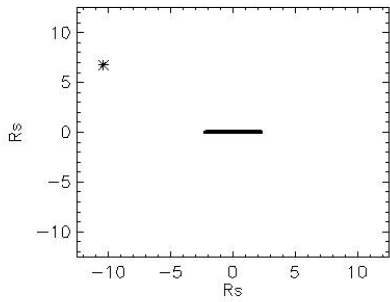
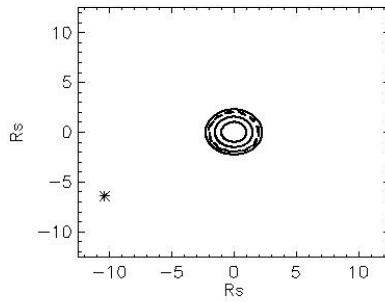
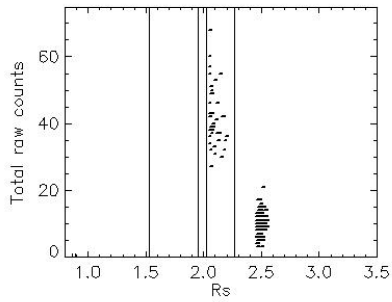
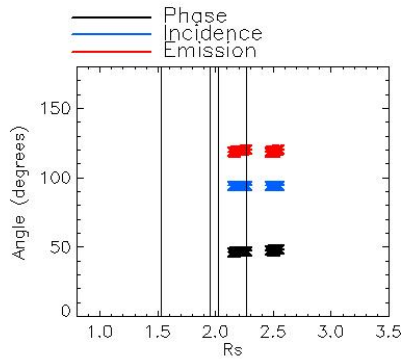
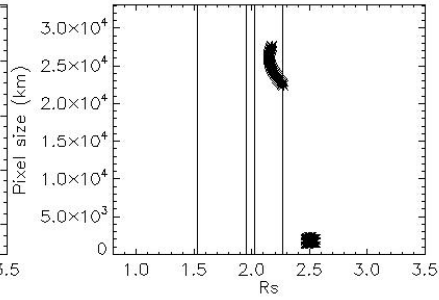
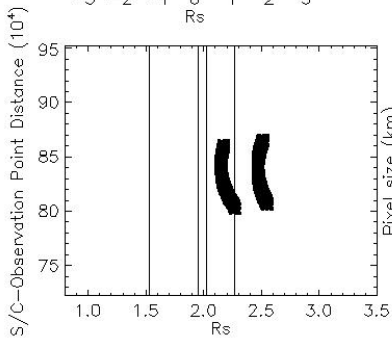


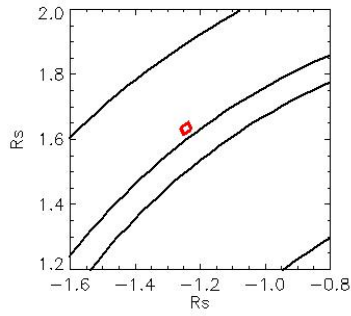
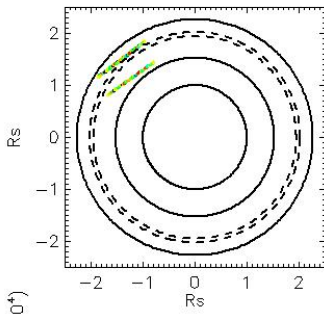
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_02_11_53

Observation Duration:
480 S

Integration time = 120 S



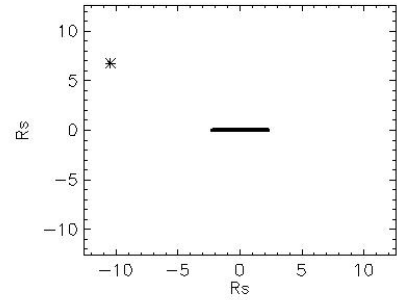
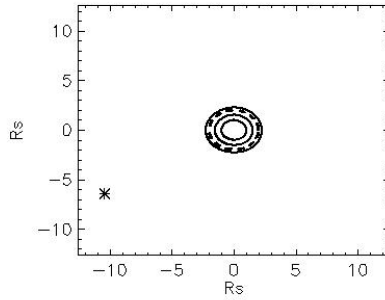
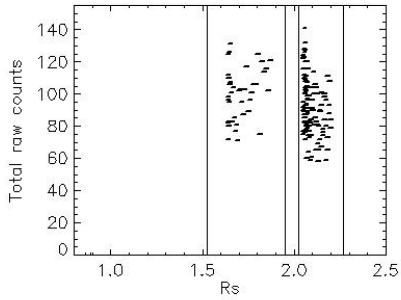
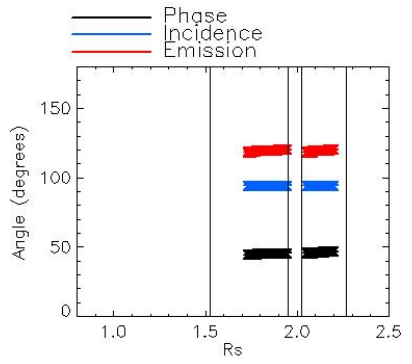
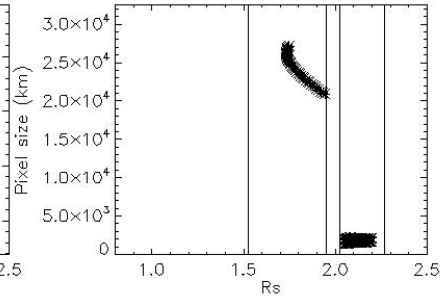
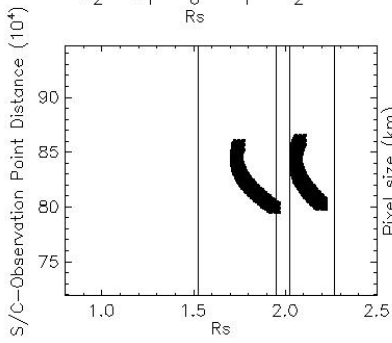


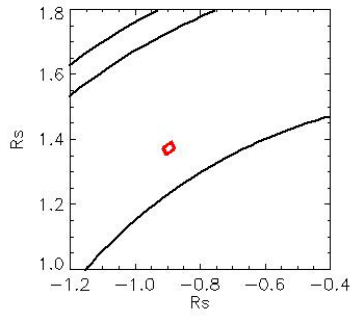
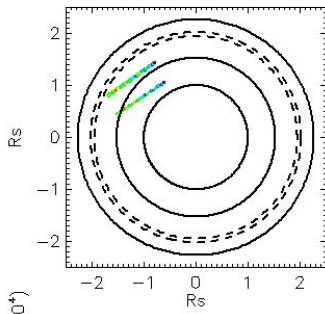
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_02_20_37

Observation Duration:
480 S

Integration time = 120 S



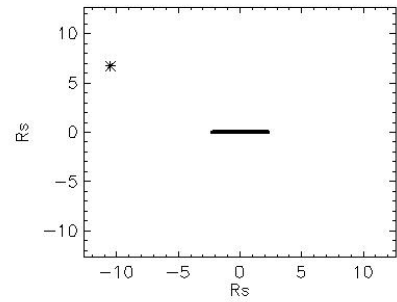
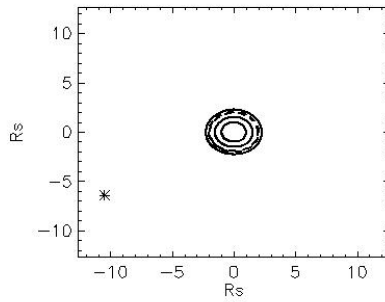
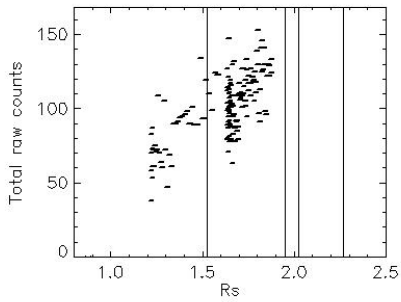
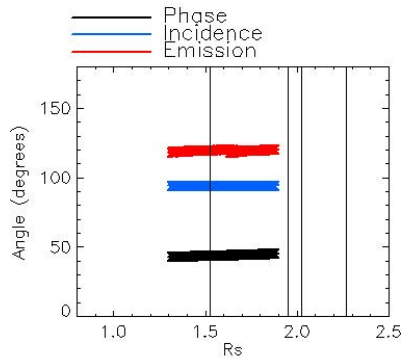
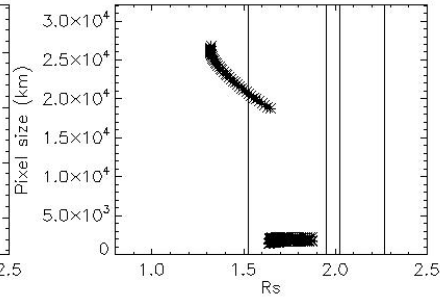
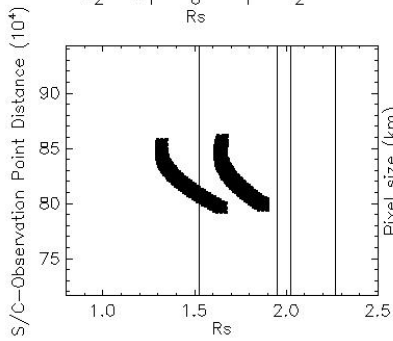


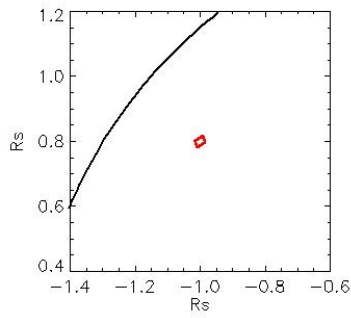
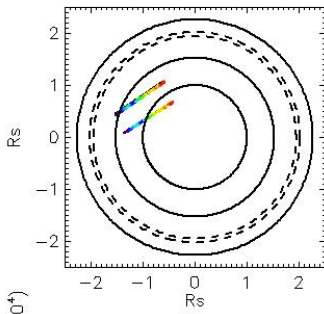
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_02_29_21

Observation Duration:
480 S

Integration time = 120 S



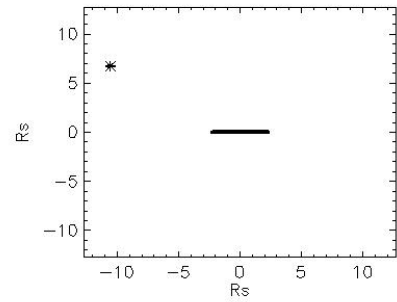
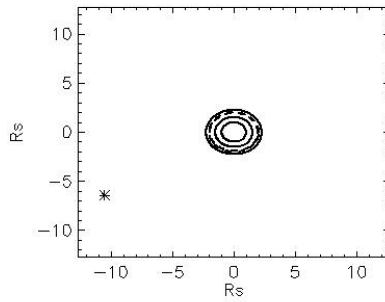
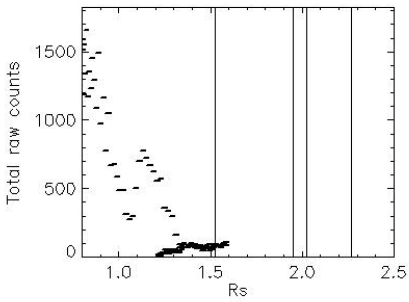
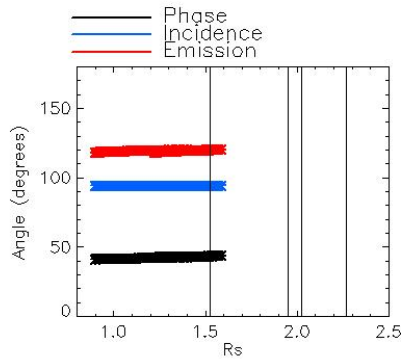
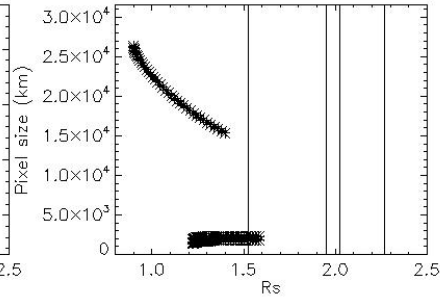
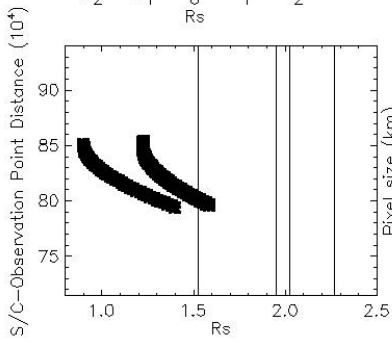


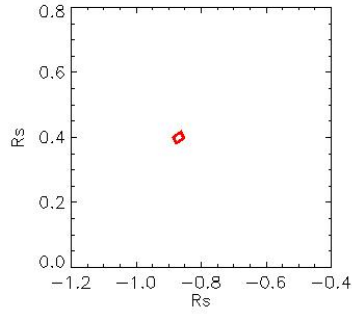
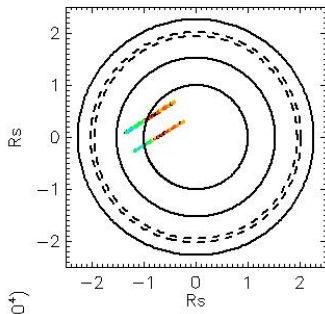
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_02_38_05

Observation Duration:
480 S

Integration time = 120 S



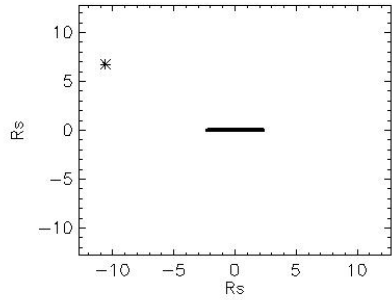
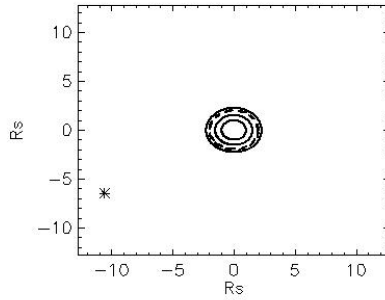
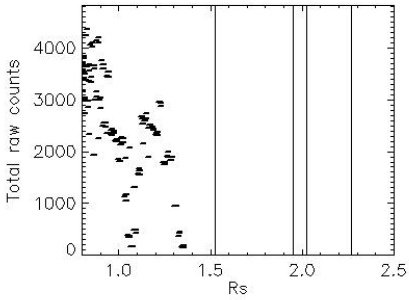
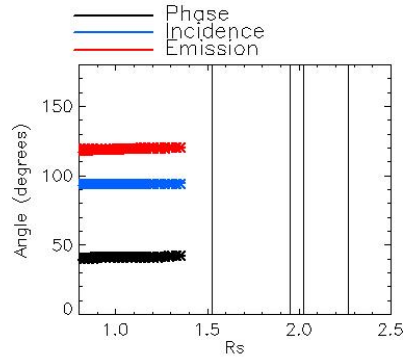
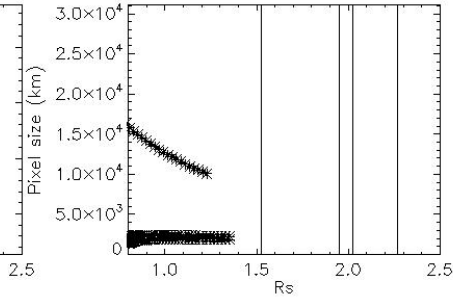
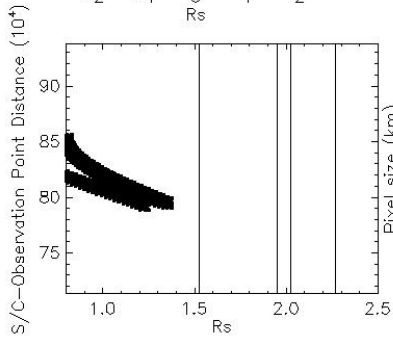


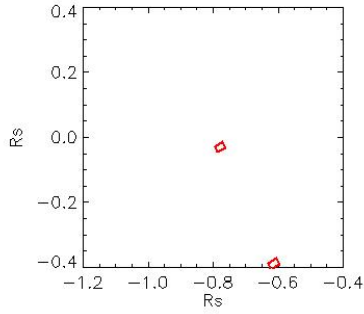
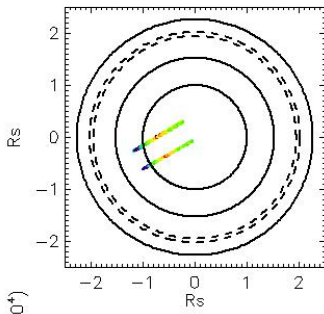
Observation Name:
UVIS_091RLAPOMOS001_VIMS

Observation Date:
2008_307_02_46_49

Observation Duration:
480 S

Integration time = 120 S



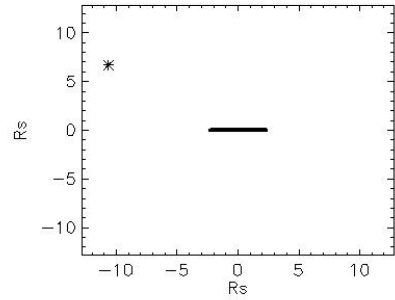
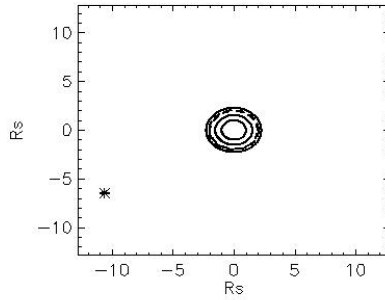
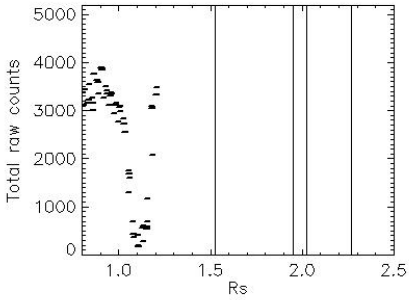
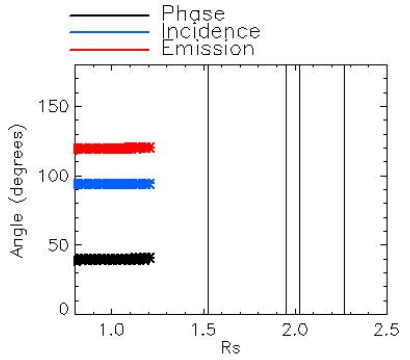
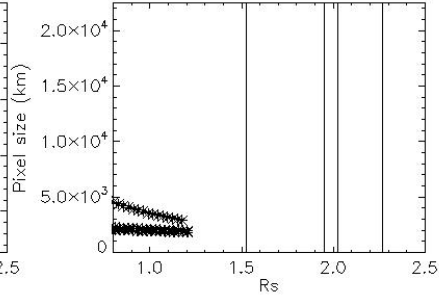
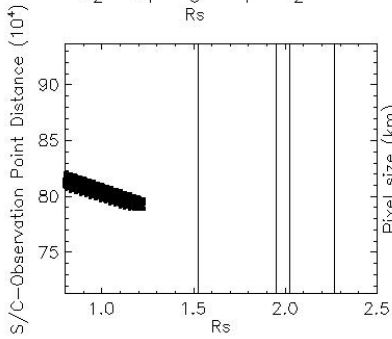


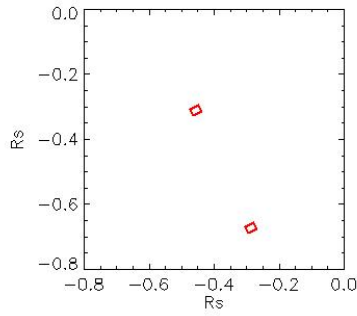
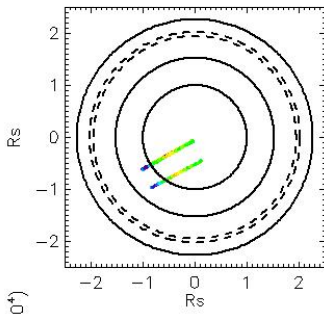
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_02_55_33

Observation Duration:
480 S

Integration time = 120 S



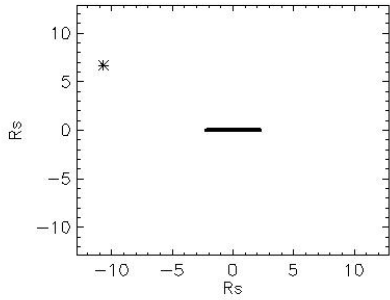
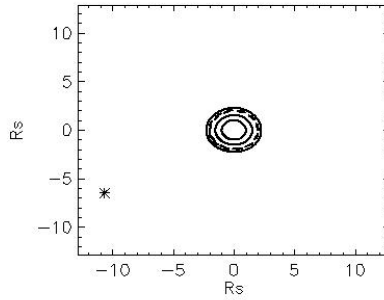
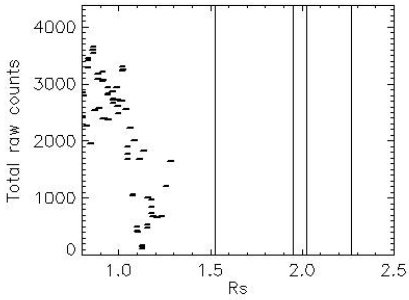
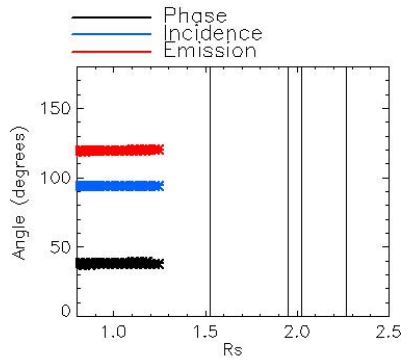
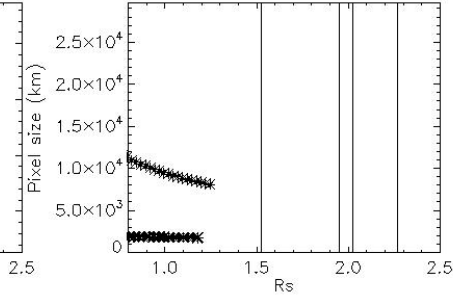
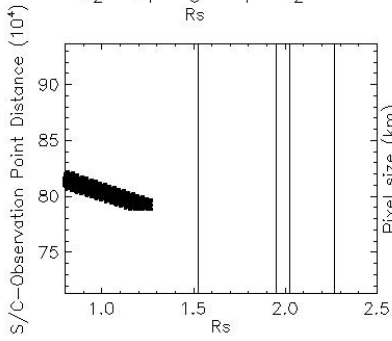


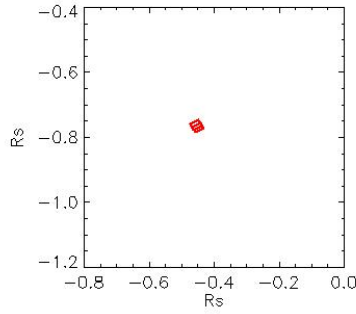
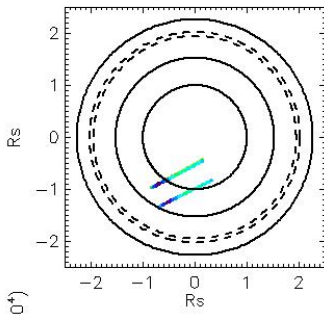
Observation Name:
UVS_091RLAPOMOS001_VIMS

Observation Date:
2008_307_03_04_17

Observation Duration:
480 S

Integration time = 120 S



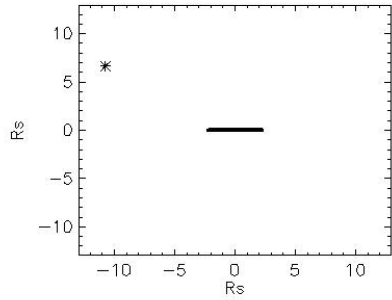
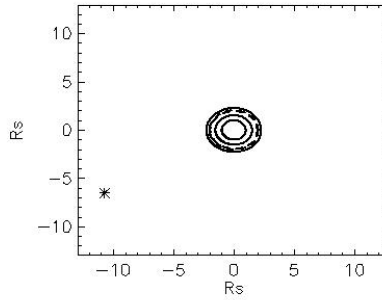
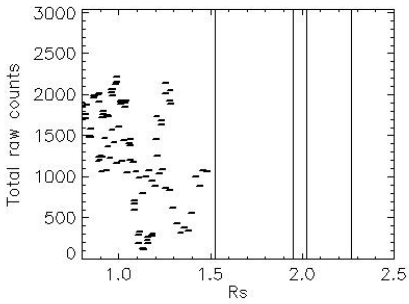
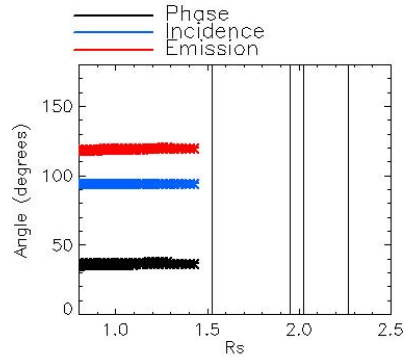
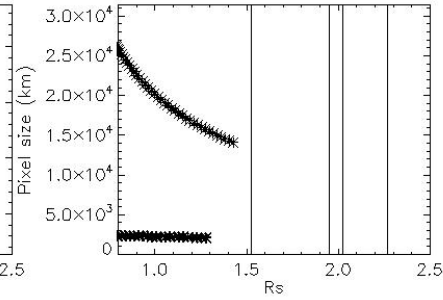
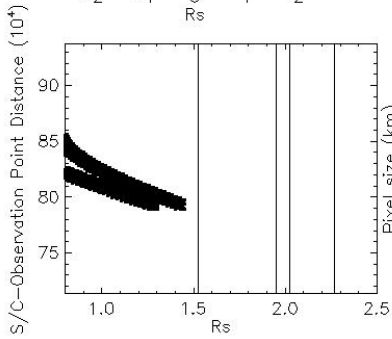


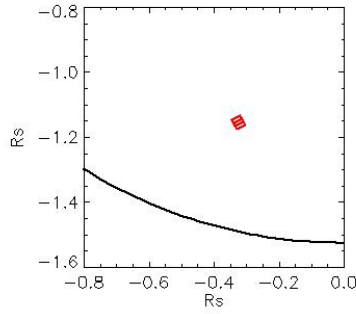
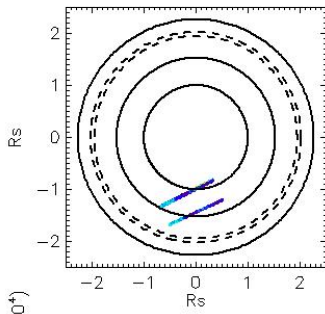
Observation Name:
UVIS_091RLAPOMOS001_VIMS

Observation Date:
2008_307_03_13_01

Observation Duration:
480 S

Integration time = 120 S



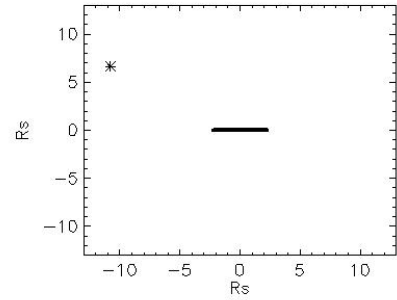
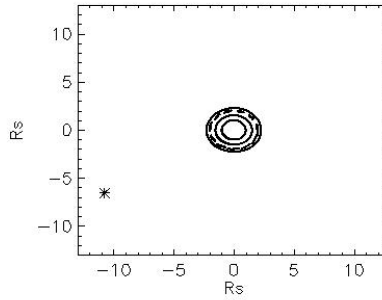
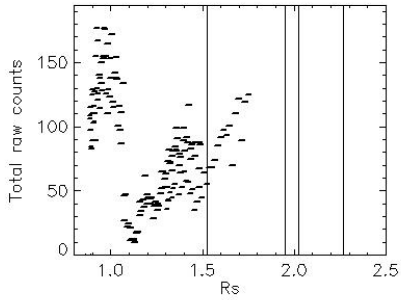
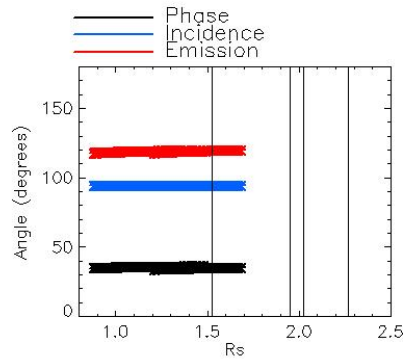
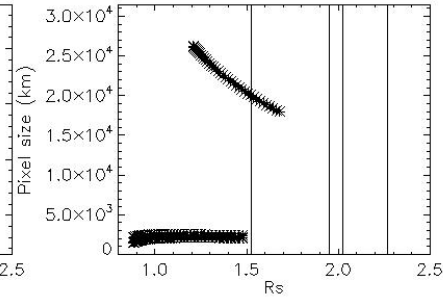
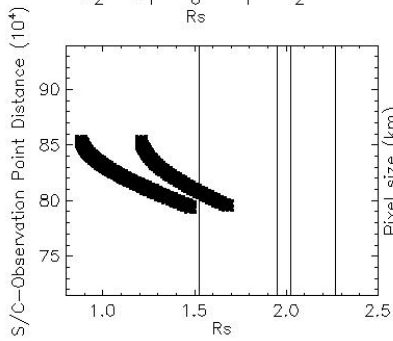


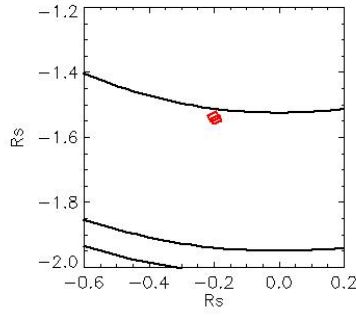
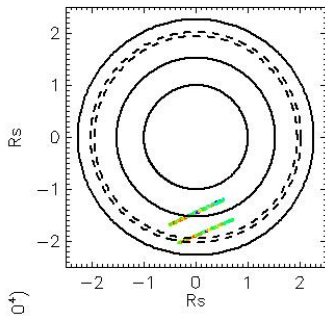
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_03_21_45

Observation Duration:
480 S

Integration time = 120 S



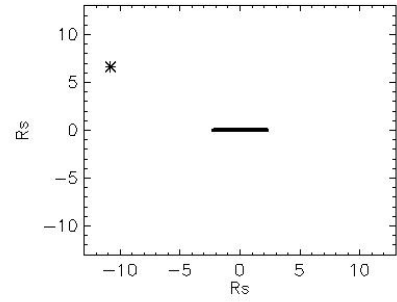
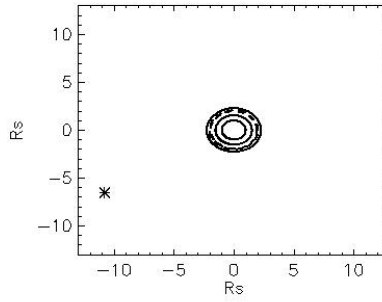
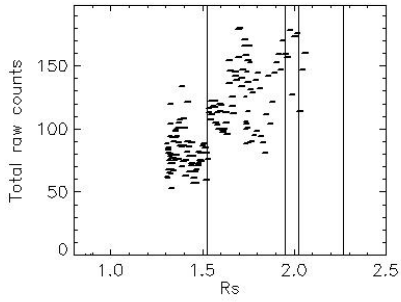
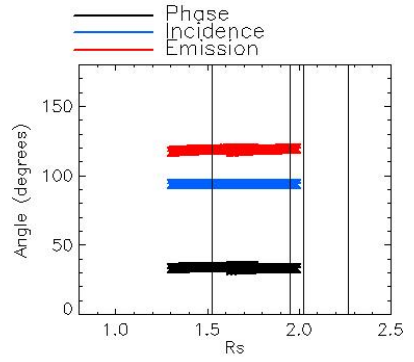
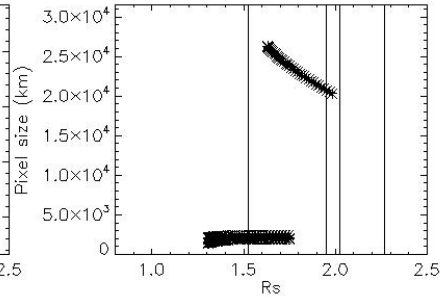
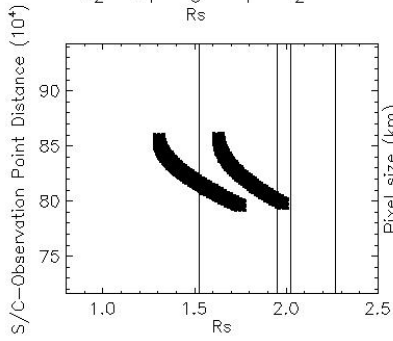


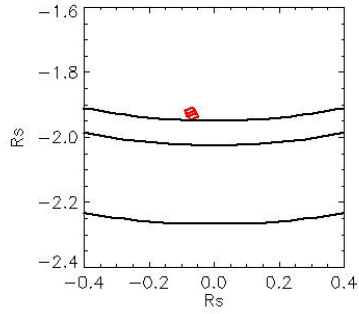
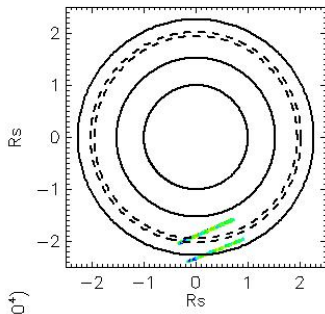
Observation Name:
UVS_091RLAPOMOS001_VIMS

Observation Date:
2008_307_03_30_29

Observation Duration:
480 S

Integration time = 120 S





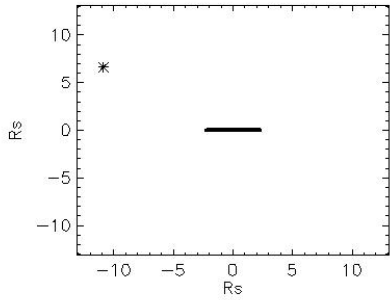
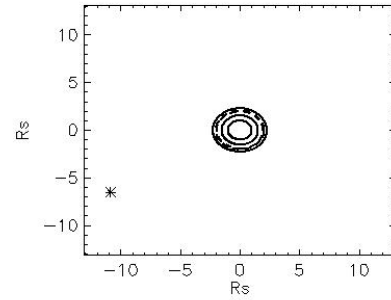
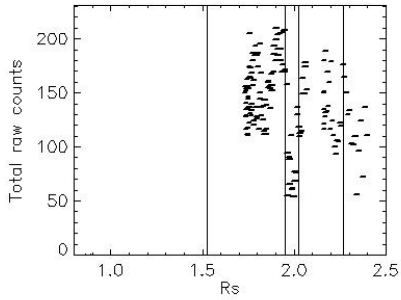
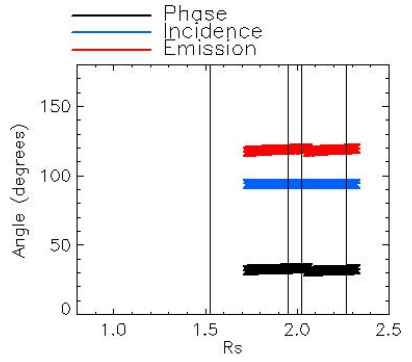
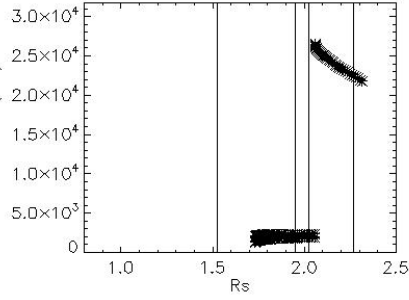
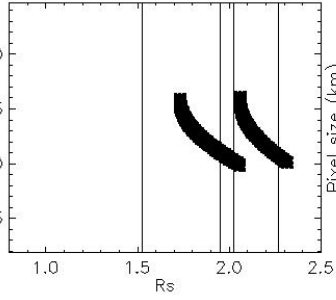
Observation Name:
UVS_091RLAPOMOS01_VIMS

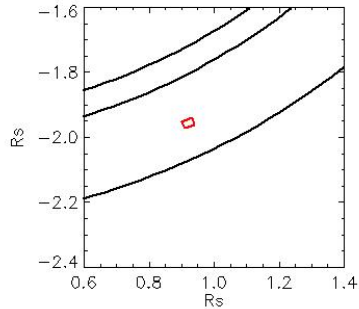
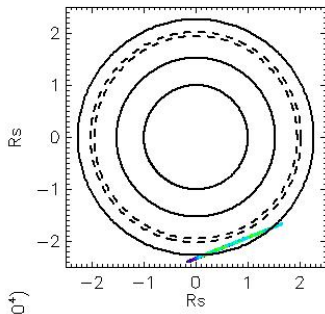
Observation Date:
2008_307_03_39_13

Observation Duration:
480 S

Integration time = 120 S

S/C—Observation Point Distance (10^4)



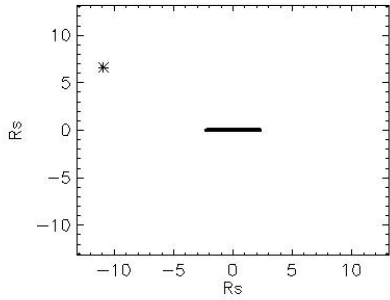
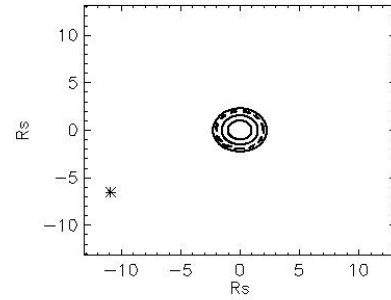
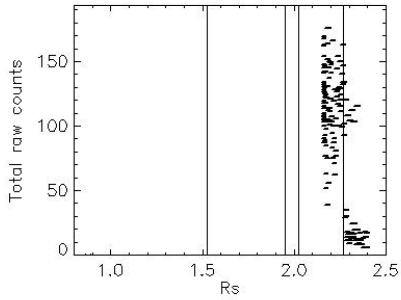
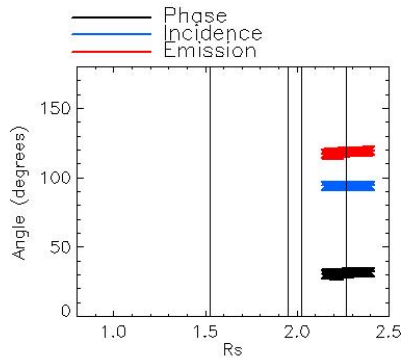
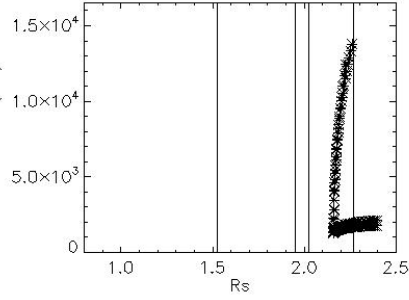
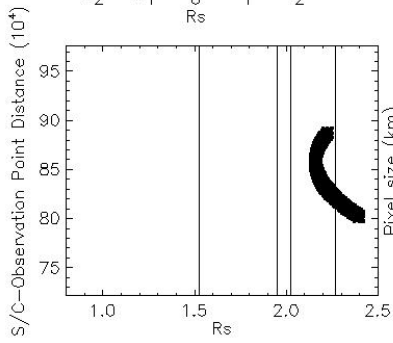


Observation Name:
UVIS_091RLAPOMOS01_VIMS

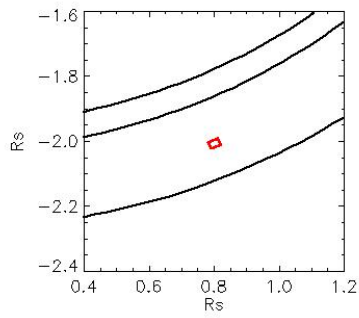
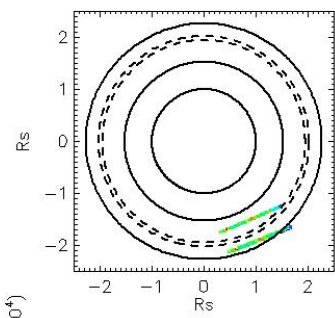
Observation Date:
2008_307_03_47_57

Observation Duration:
480 S

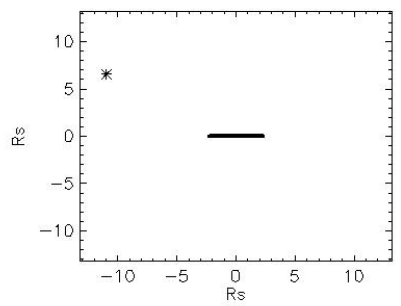
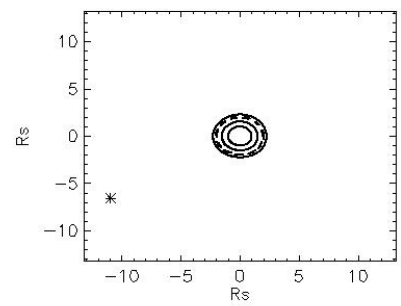
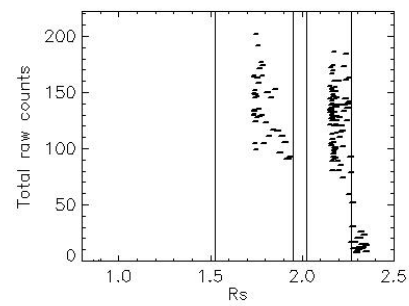
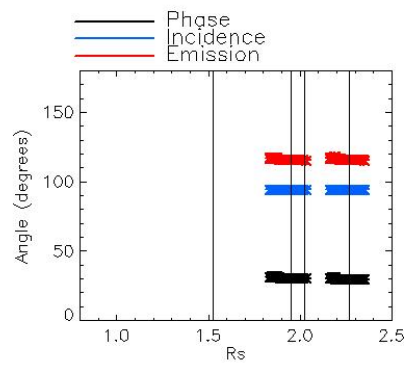
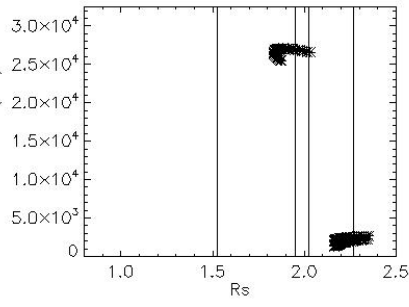
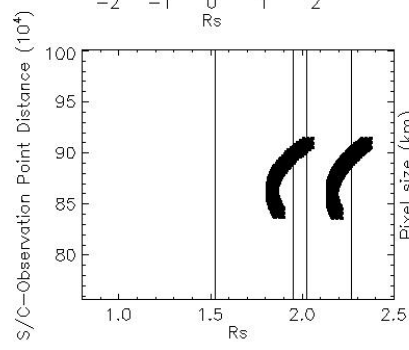
Integration time = 120 S

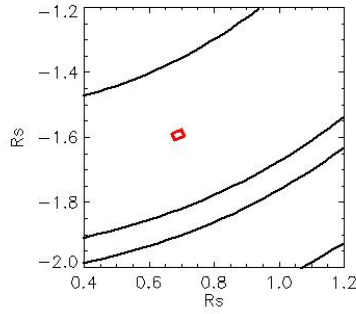
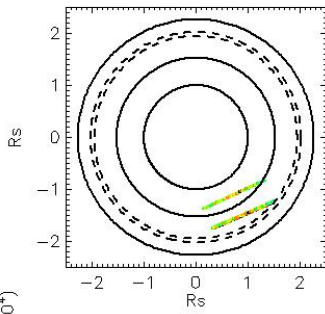


— Phase
— Incidence
— Emission



Observation Name:
UVS_091RLAPOMOS01_VIMS
Observation Date:
2008_307_03_57_10
Observation Duration:
480 S
Integration time = 120 S



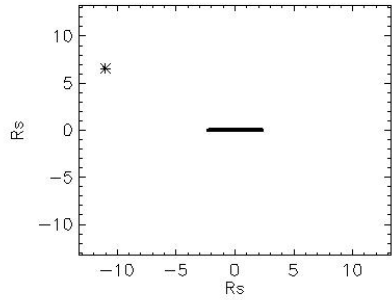
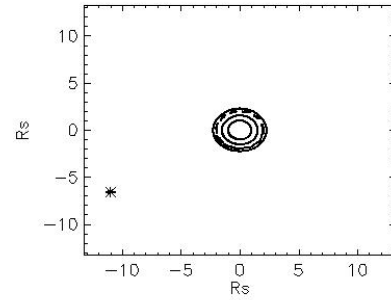
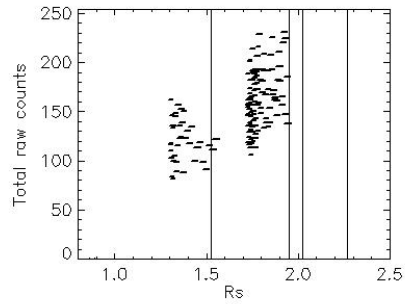
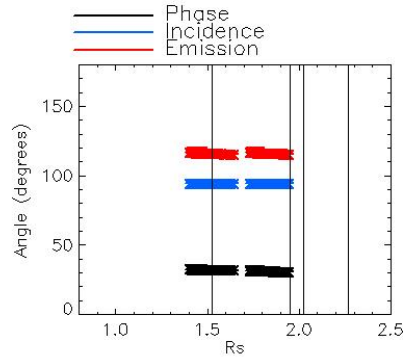
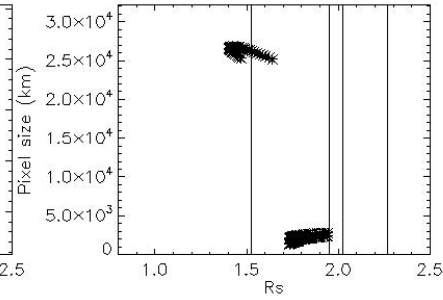
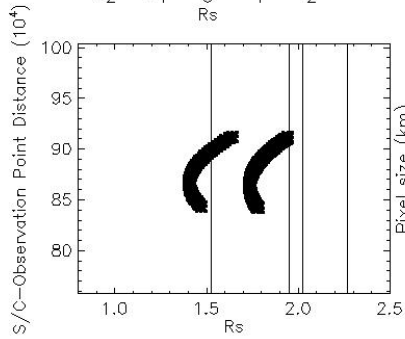


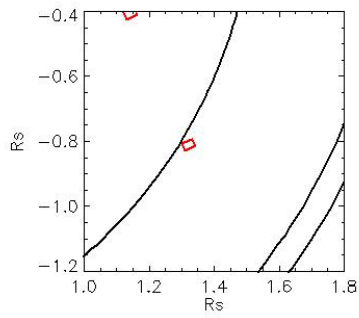
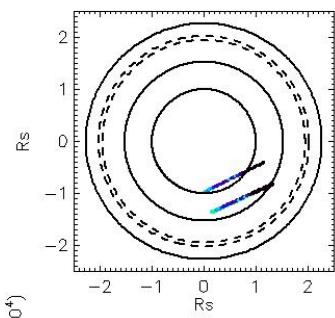
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_04_05_54

Observation Duration:
480 S

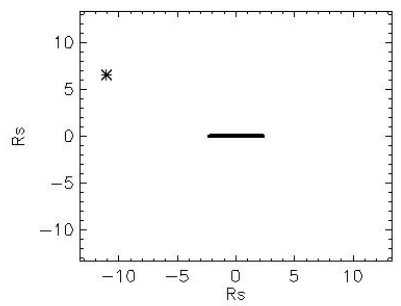
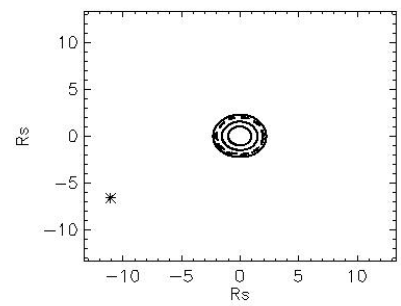
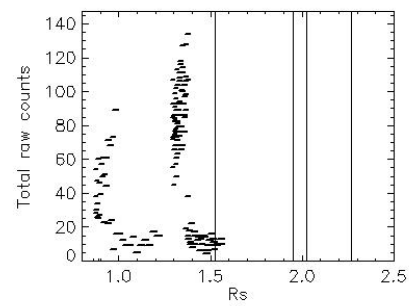
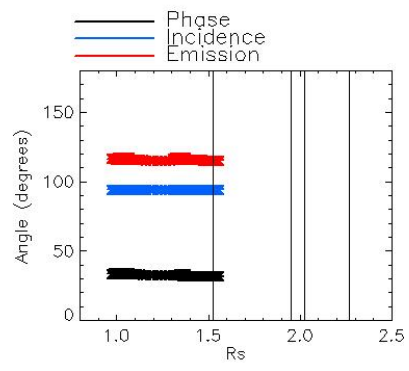
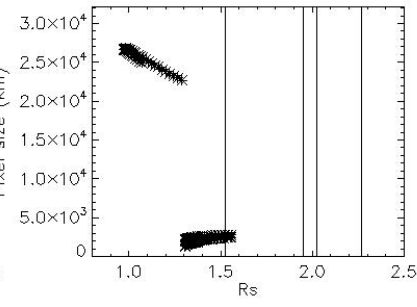
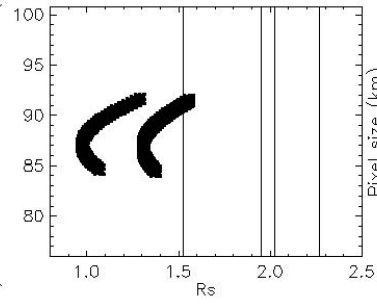
Integration time = 120 S

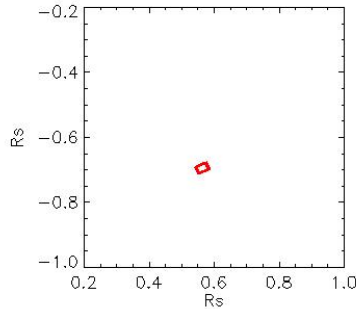
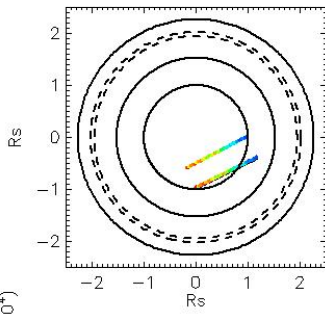




Observation Name:
 UVS_091RLAPOMOS001_VIMS
 Observation Date:
 2008_307_04_14_38
 Observation Duration:
 480 S
 Integration time = 120 S

S/C—Observation Point Distance (10^4)



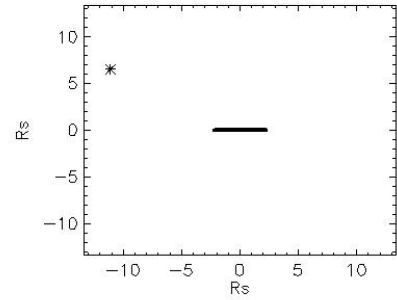
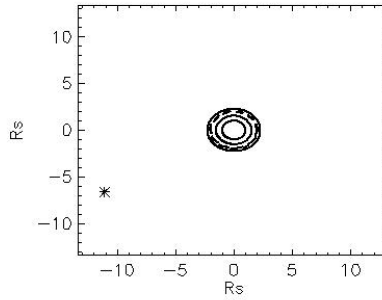
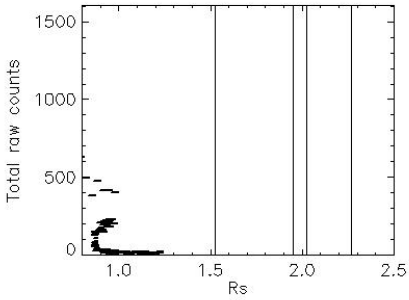
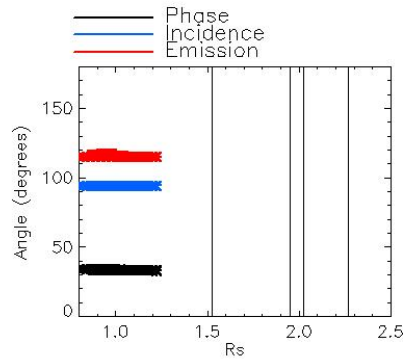
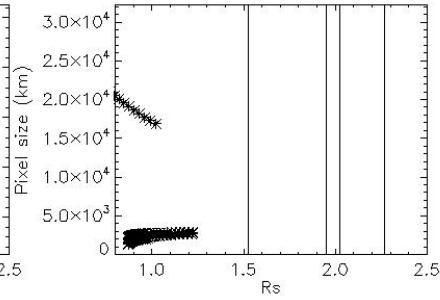
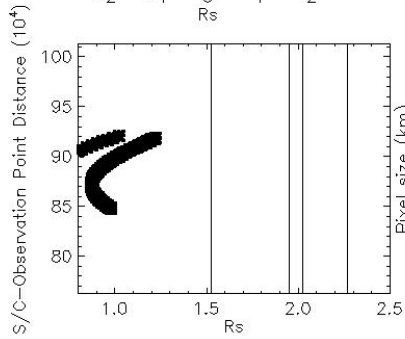


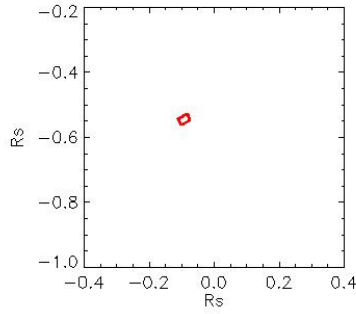
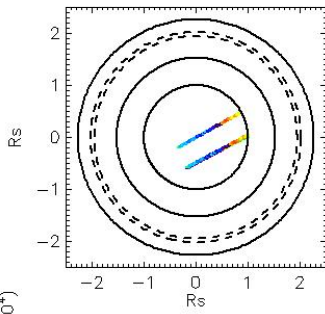
Observation Name:
UVIS_091RLAPOMOS001_VIMS

Observation Date:
2008_307_04_23_22

Observation Duration:
480 S

Integration time = 120 S



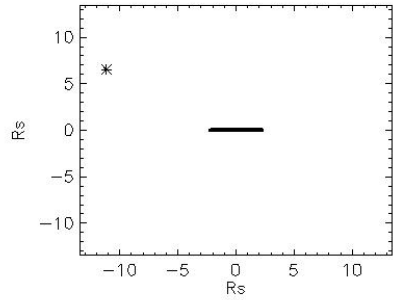
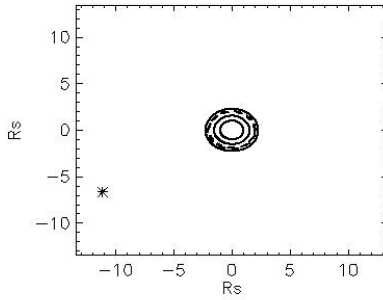
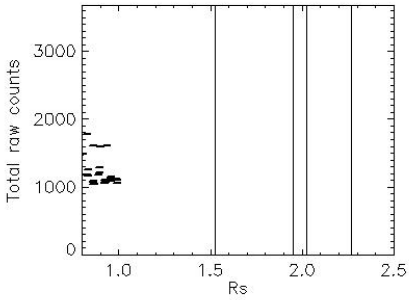
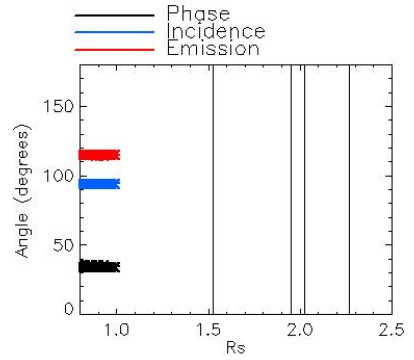
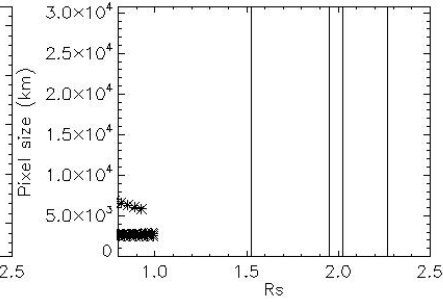
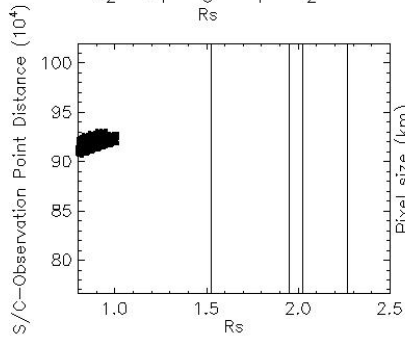


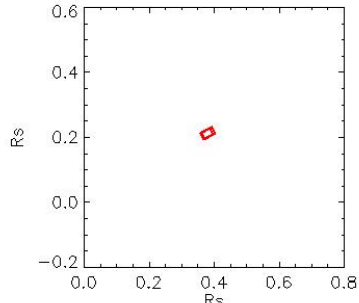
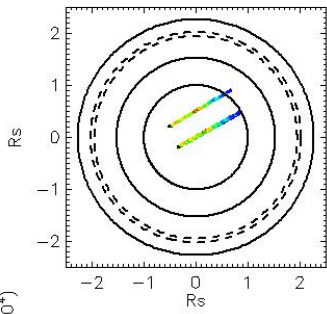
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_04_32_06

Observation Duration:
480 S

Integration time = 120 S



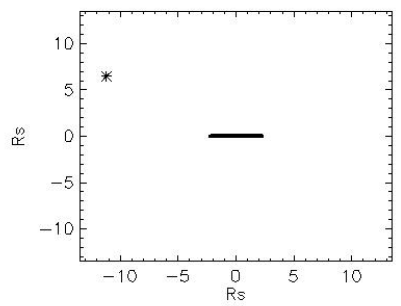
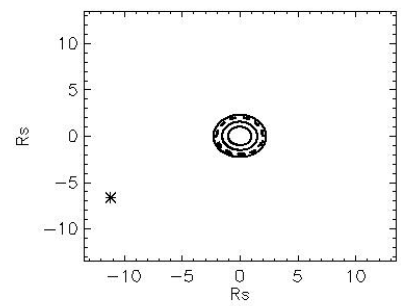
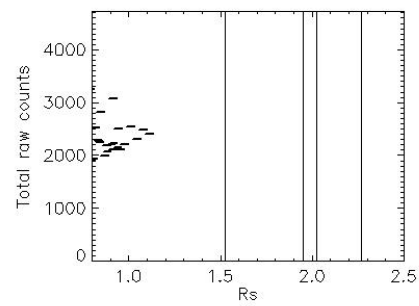
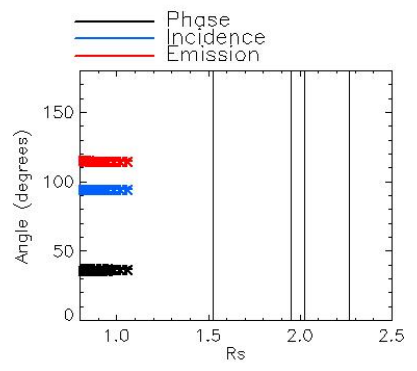
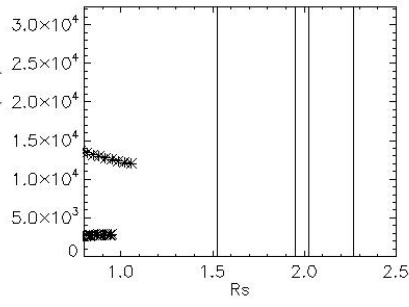
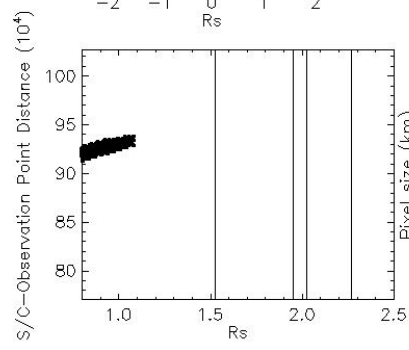


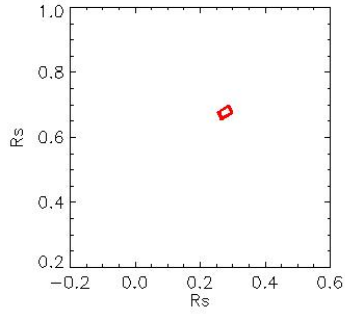
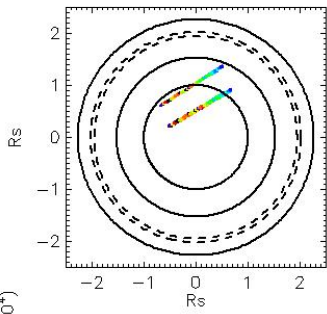
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_04_40_50

Observation Duration:
480 S

Integration time = 120 S





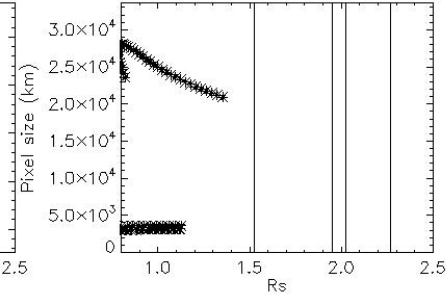
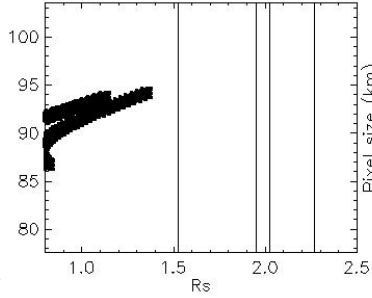
Observation Name:
UVIS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_04_49_34

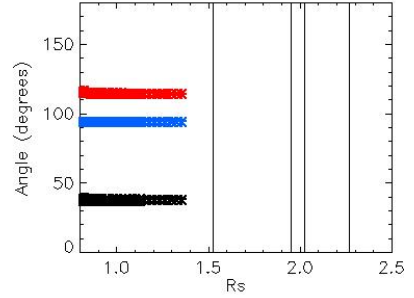
Observation Duration:
480 S

Integration time = 120 S

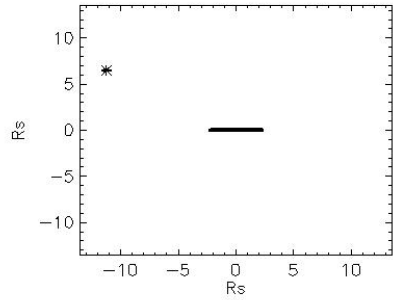
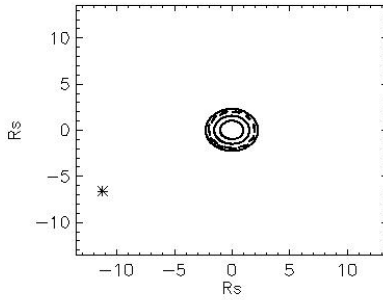
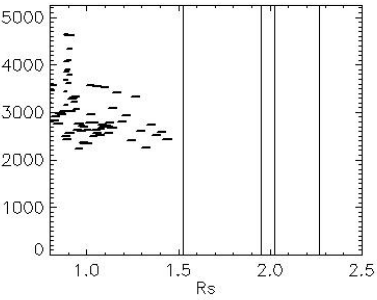
S/C—Observation Point Distance (10^4)

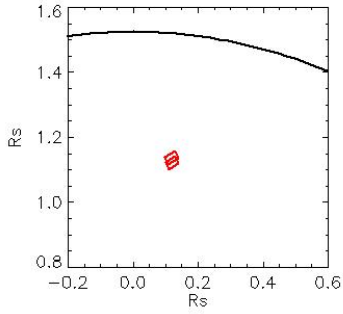
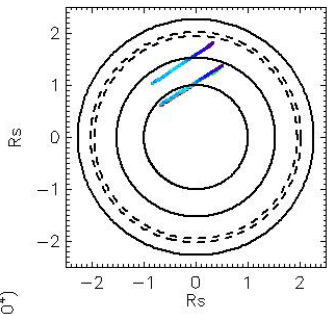


— Phase
— Incidence
— Emission



Total raw counts



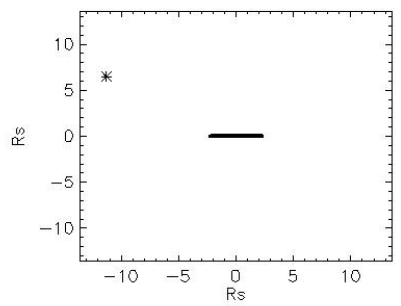
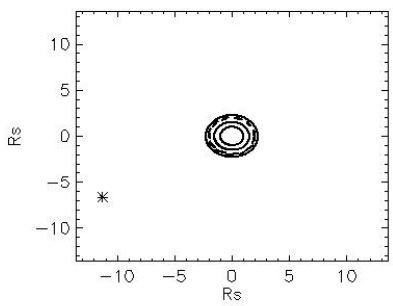
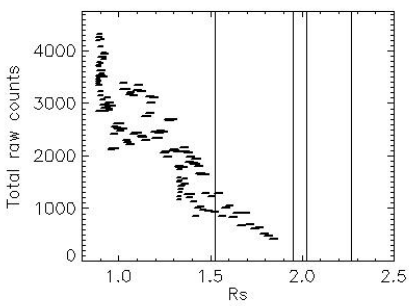
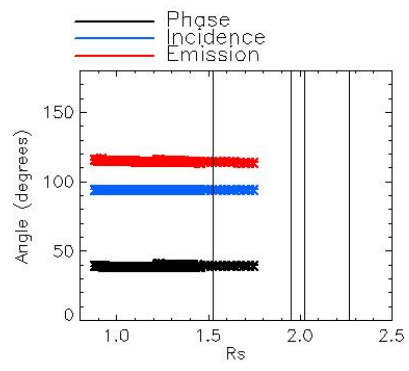
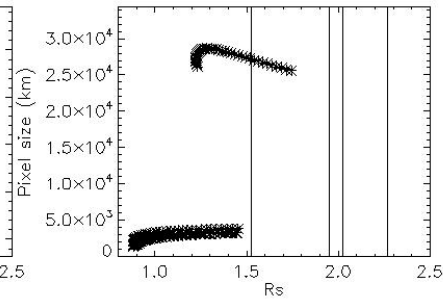
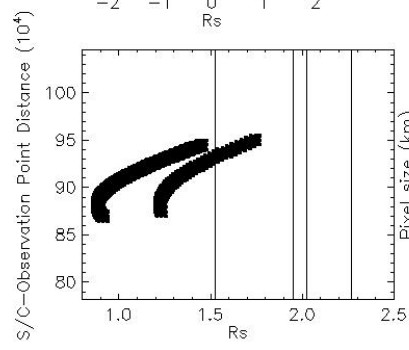


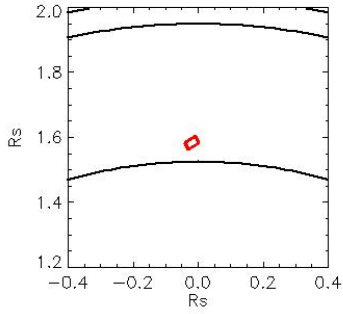
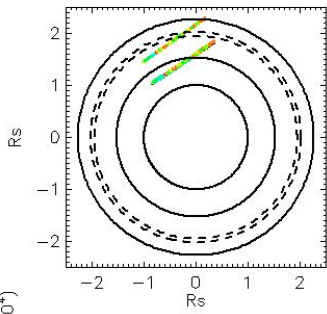
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_04_58_18

Observation Duration:
480 S

Integration time = 120 S



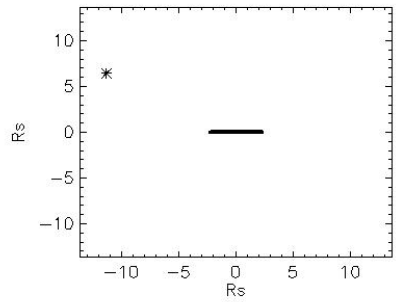
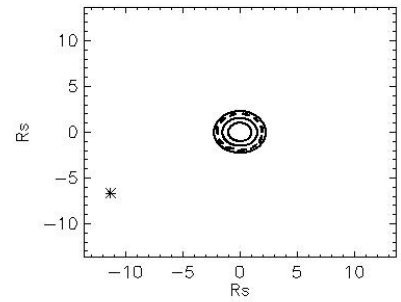
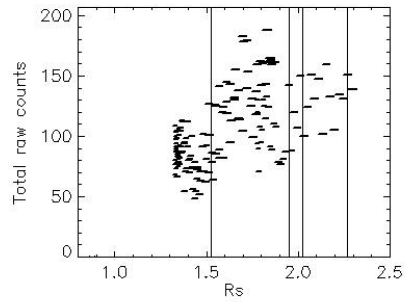
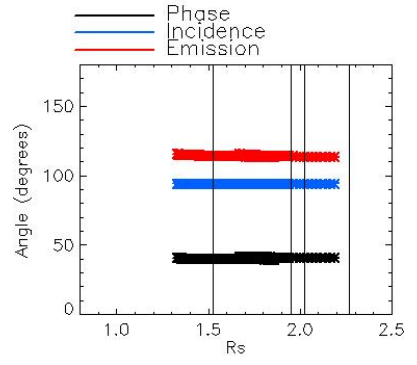
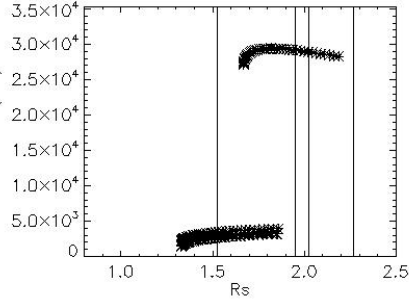
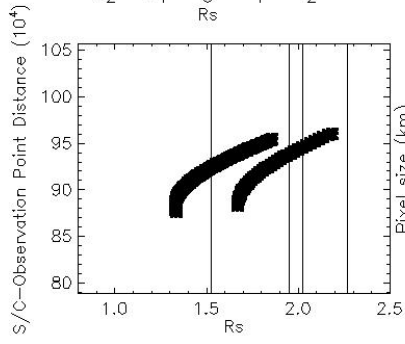


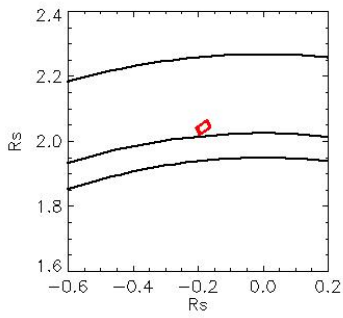
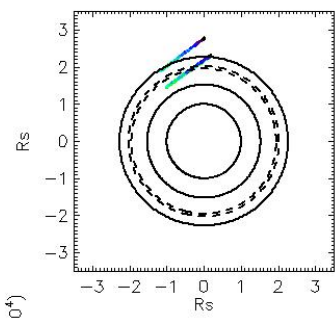
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_05_07_02

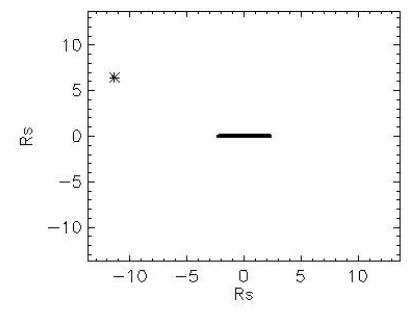
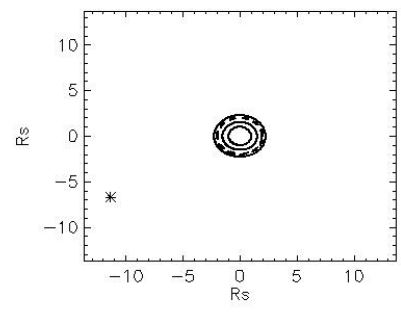
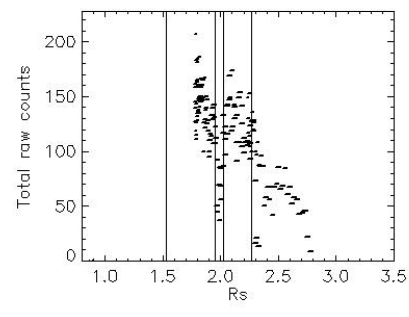
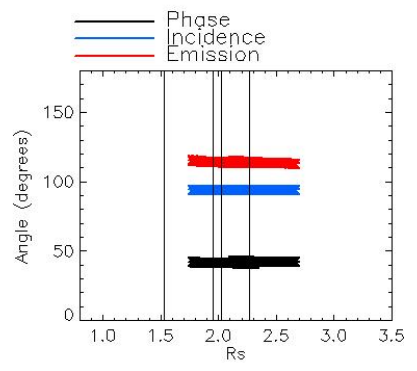
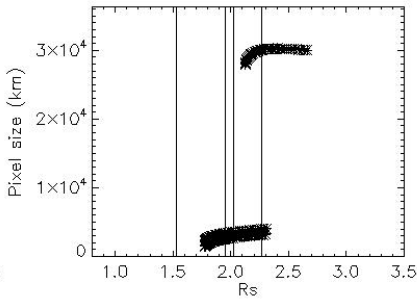
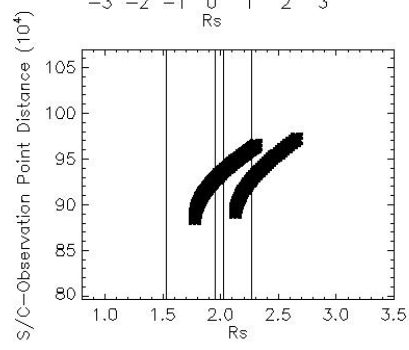
Observation Duration:
480 S

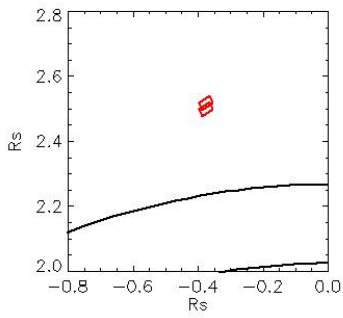
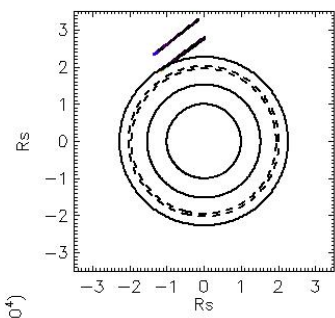
Integration time = 120 S



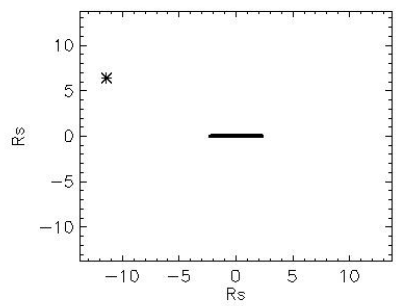
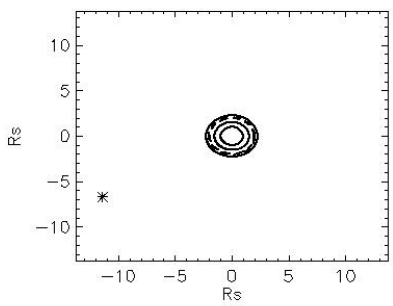
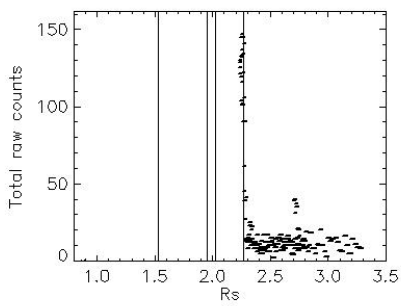
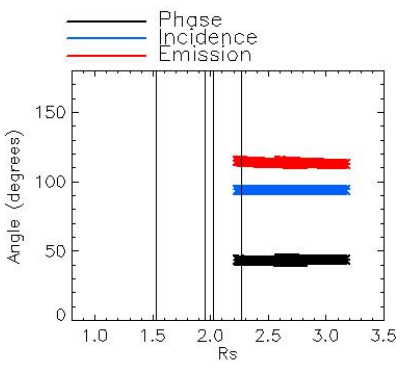
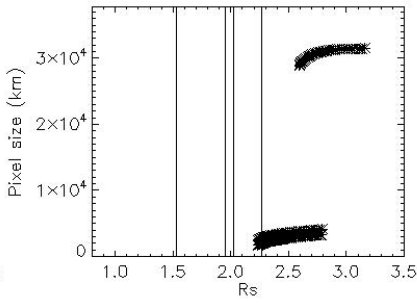
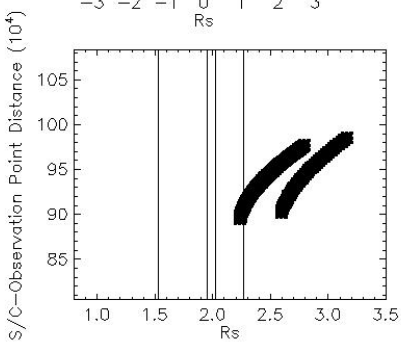


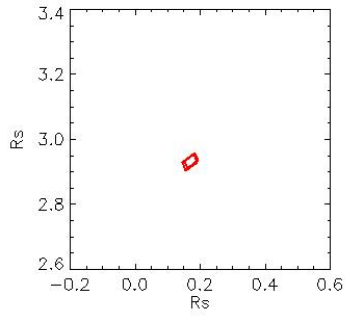
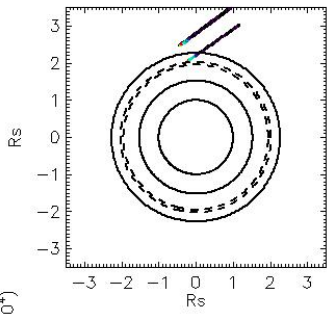
Observation Name:
 UVS_091RLAPOMOS01_VIMS
 Observation Date:
 2008_307_05_15_46
 Observation Duration:
 480 S
 Integration time = 120 S





Observation Name:
 UVS_091RLAPOMOS01_VIMS
 Observation Date:
 2008_307_05_24_30
 Observation Duration:
 480 S
 Integration time = 120 S



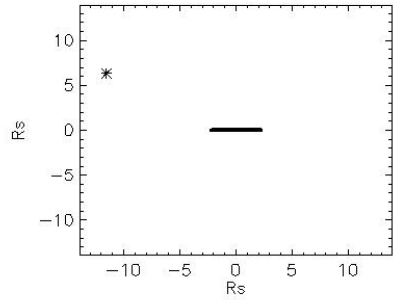
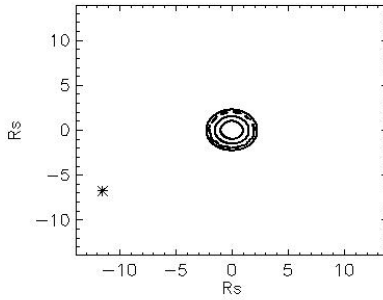
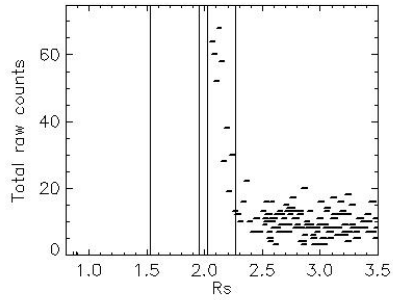
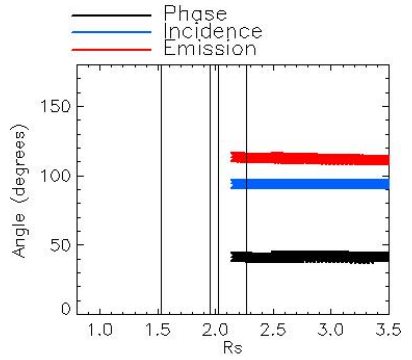
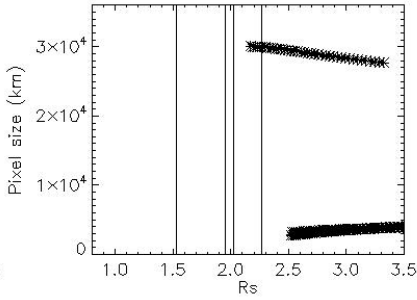
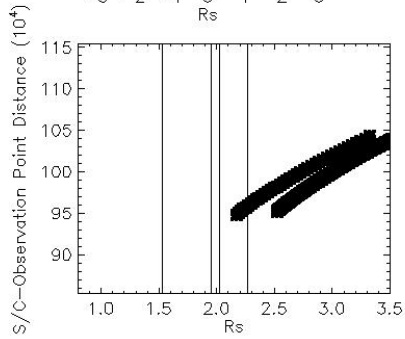


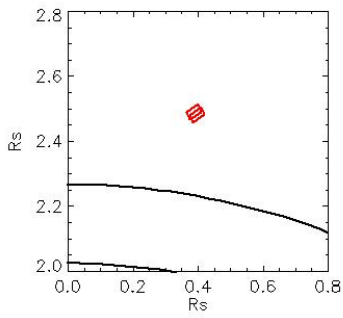
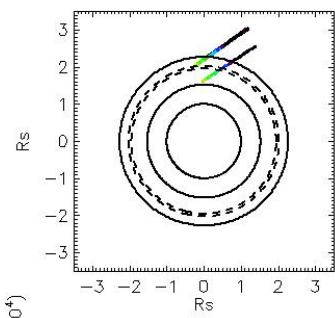
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_05_51_11

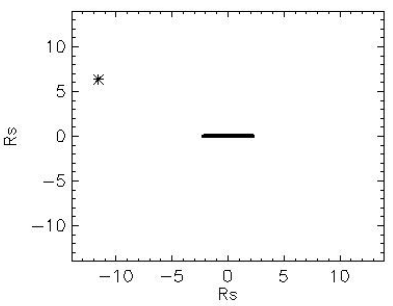
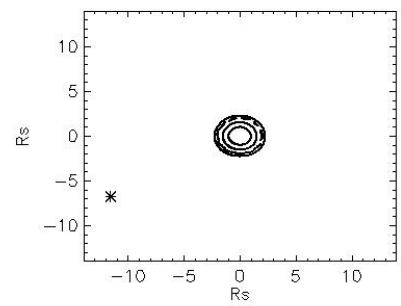
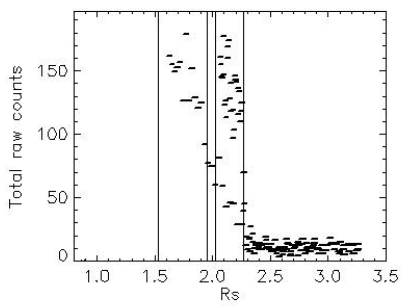
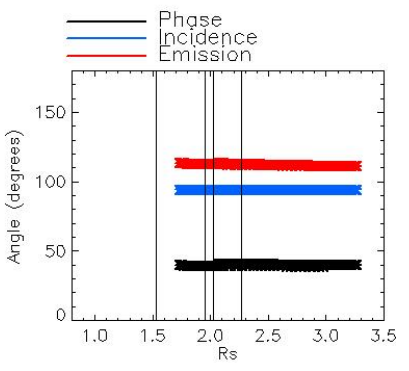
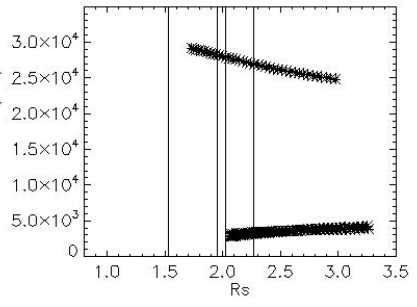
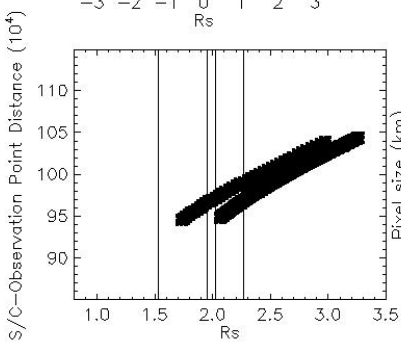
Observation Duration:
480 S

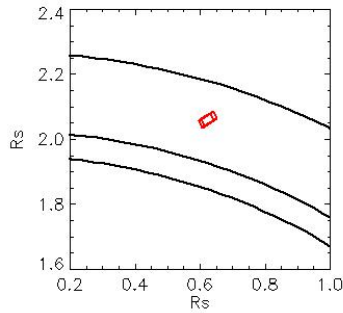
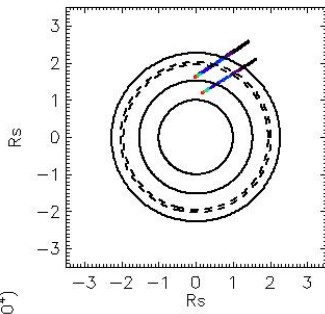
Integration time = 120 S





Observation Name:
 UVS_091RLAPOMOS01_VIMS
 Observation Date:
 2008_307_05_59_55
 Observation Duration:
 480 S
 Integration time = 120 S



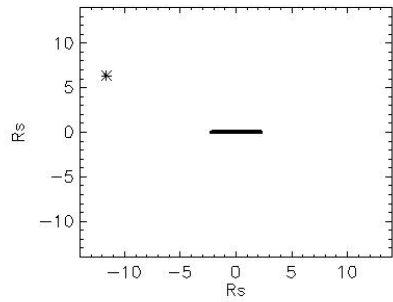
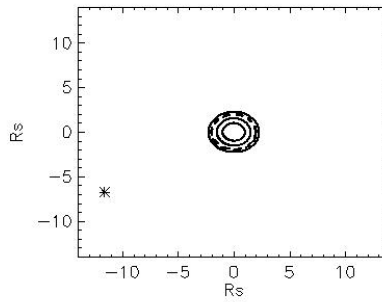
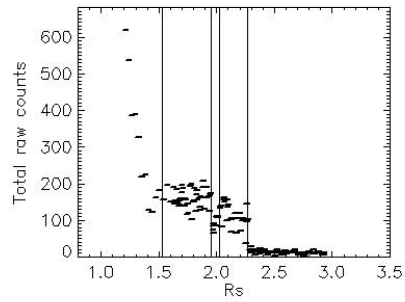
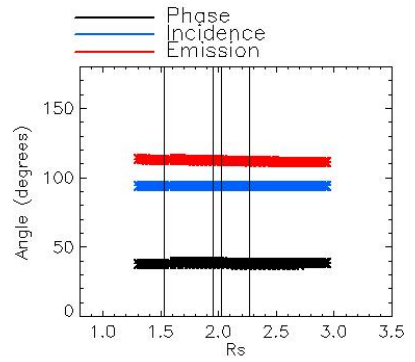
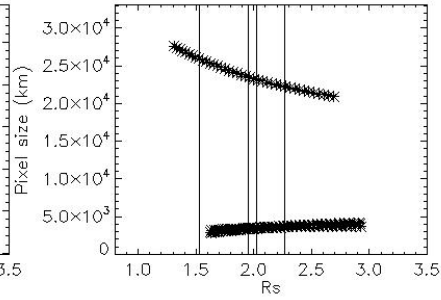
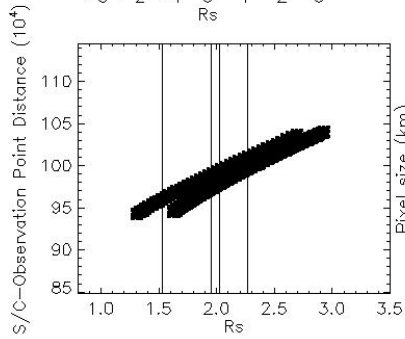


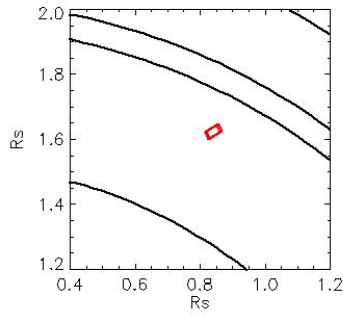
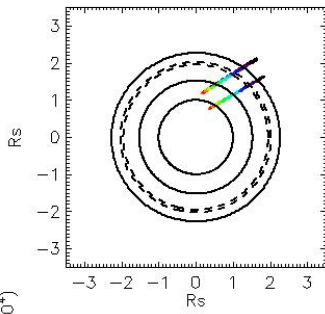
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_06_08_39

Observation Duration:
480 S

Integration time = 120 S



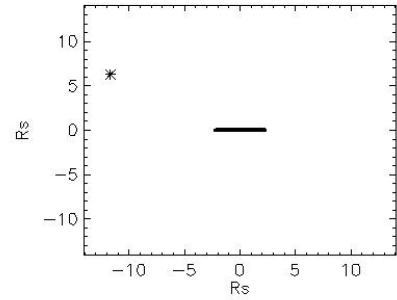
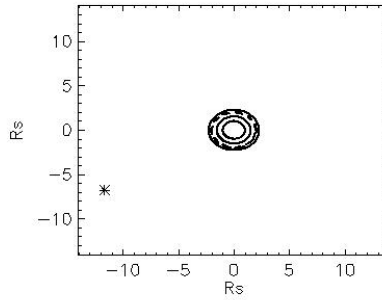
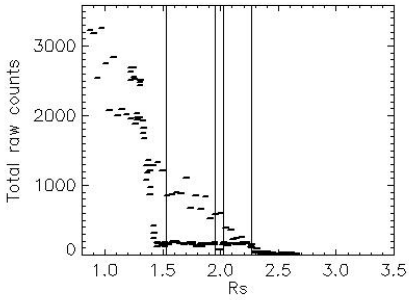
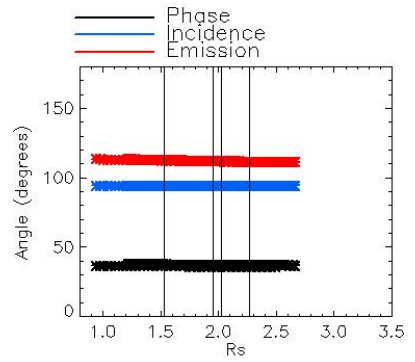
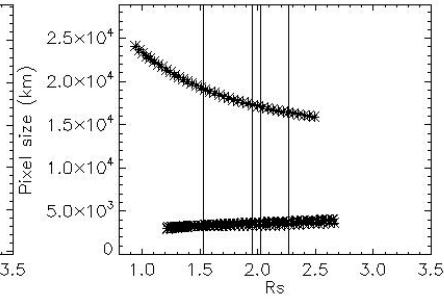
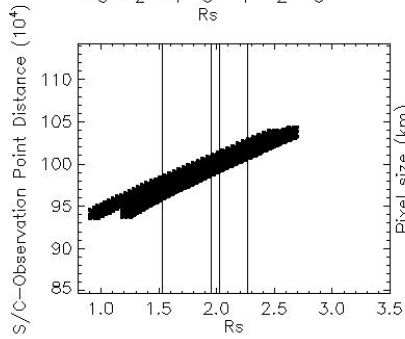


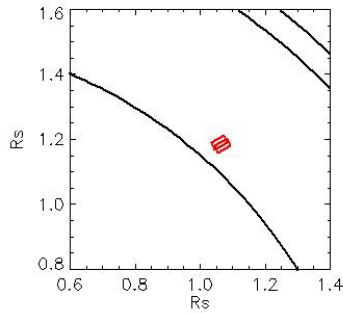
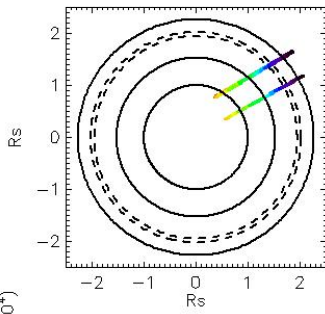
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_06_17_23

Observation Duration:
480 S

Integration time = 120 S



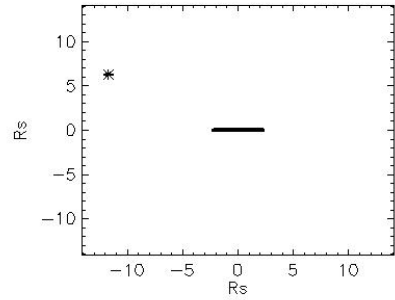
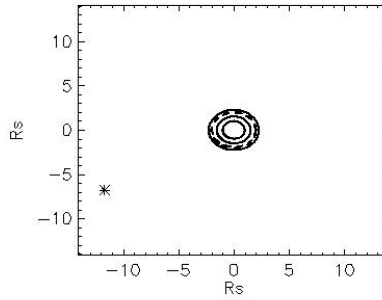
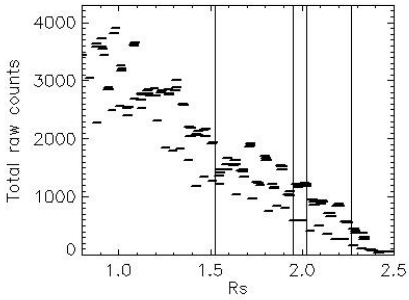
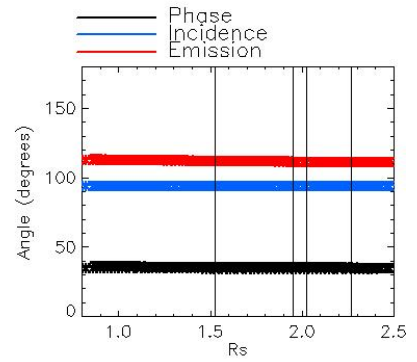
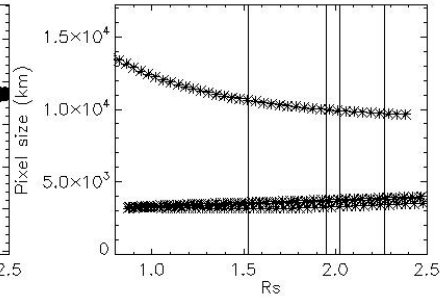
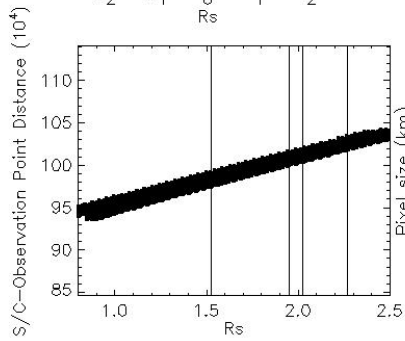


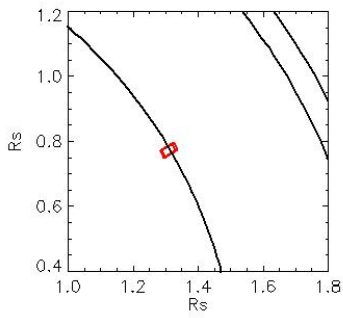
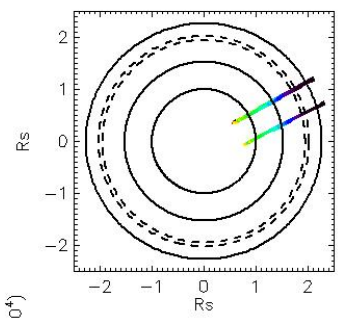
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_06_26_07

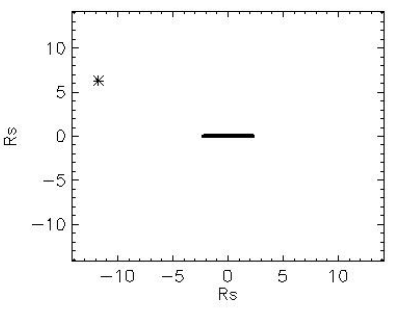
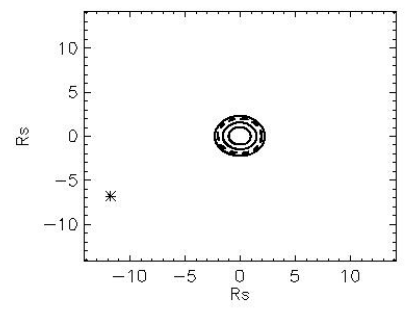
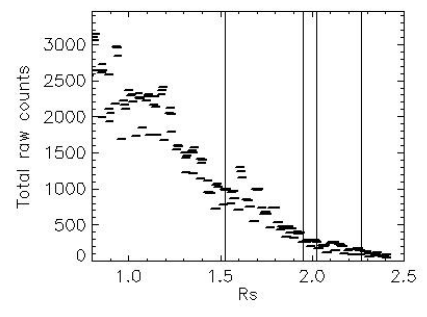
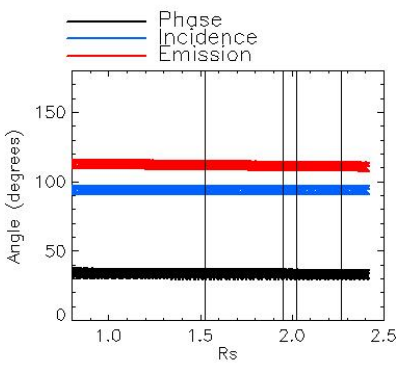
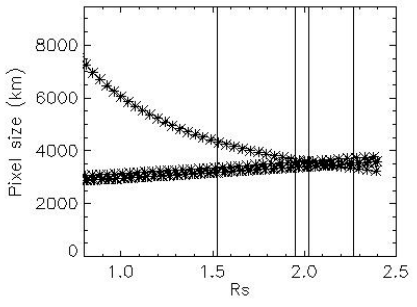
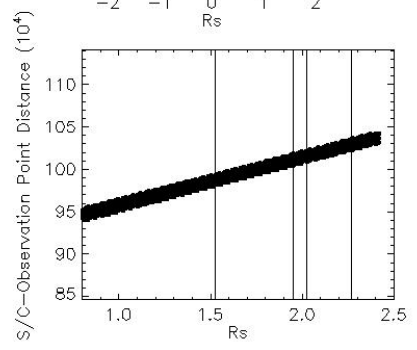
Observation Duration:
480 S

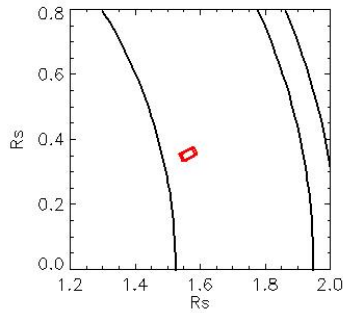
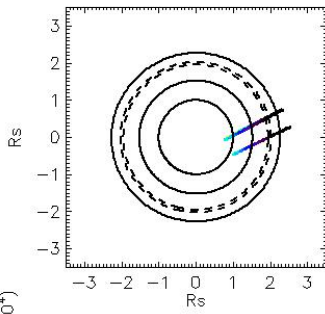
Integration time = 120 S





Observation Name:
 UVS_091RLAPOMOS01_VIMS
 Observation Date:
 2008_307_06_34_51
 Observation Duration:
 480 S
 Integration time = 120 S



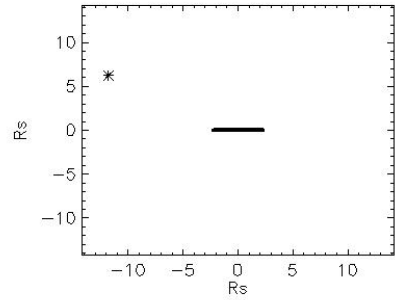
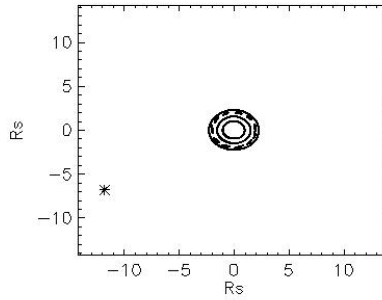
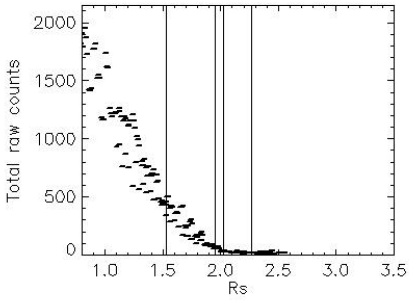
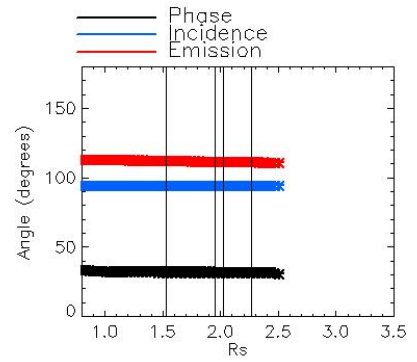
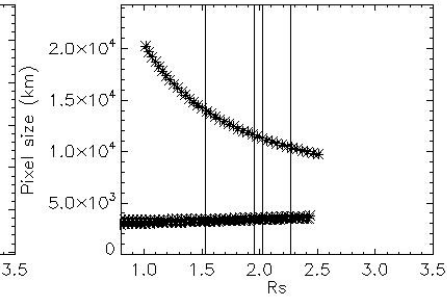
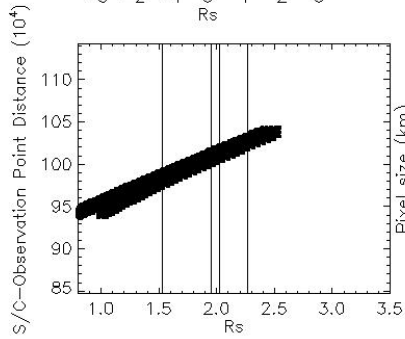


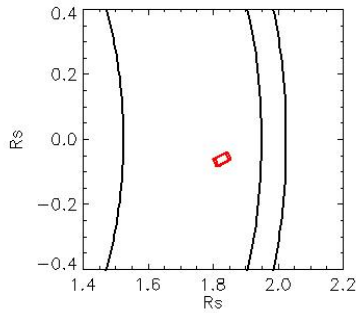
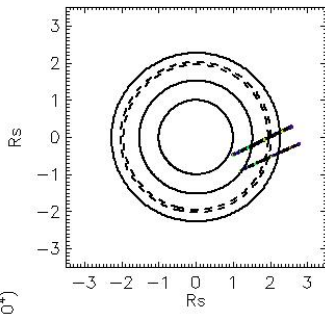
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_06_43_35

Observation Duration:
480 S

Integration time = 120 S



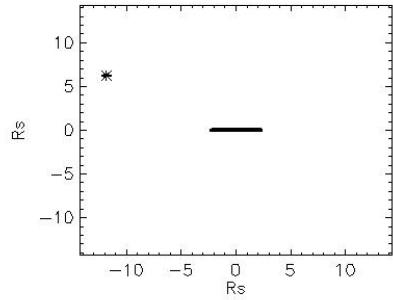
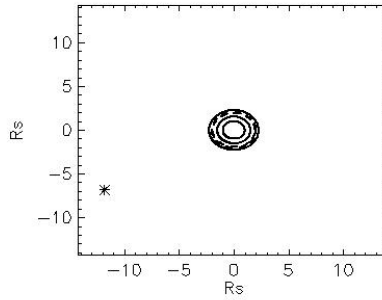
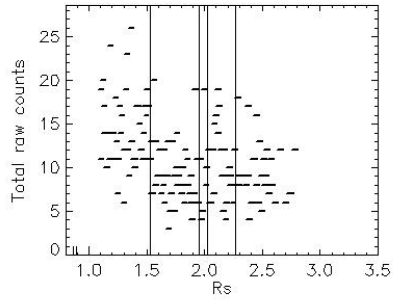
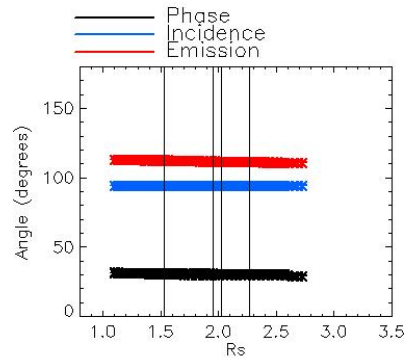
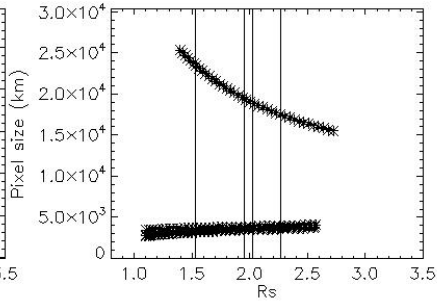
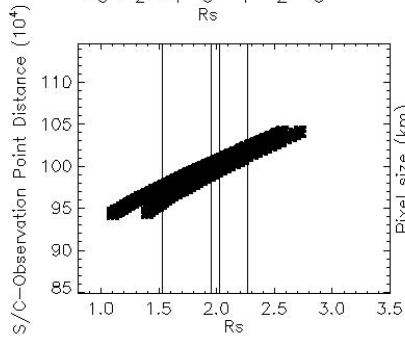


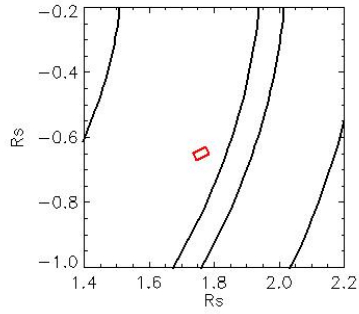
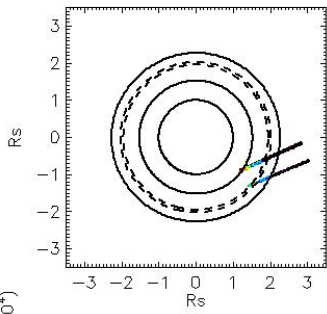
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_06_52_19

Observation Duration:
480 S

Integration time = 120 S



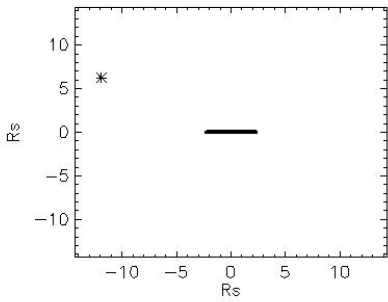
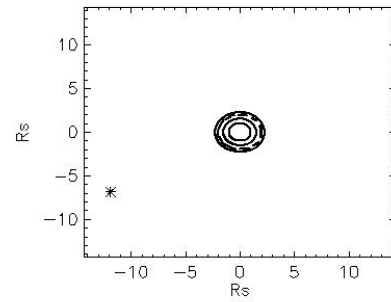
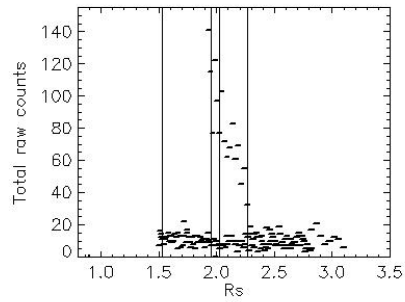
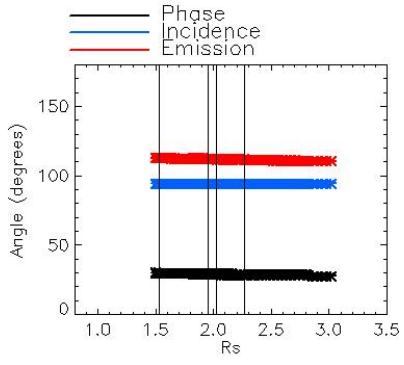
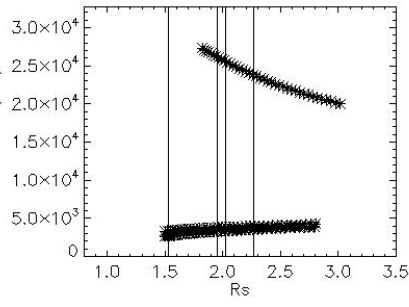
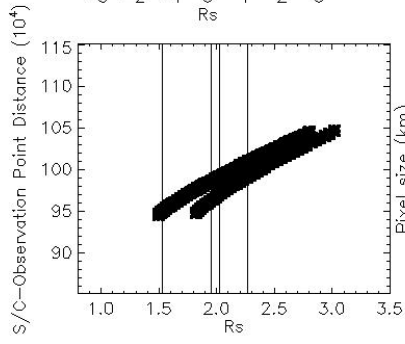


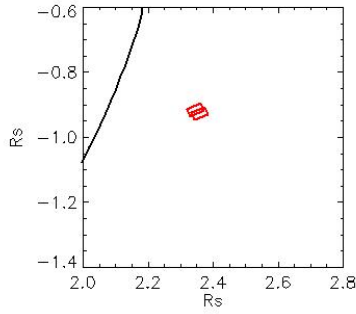
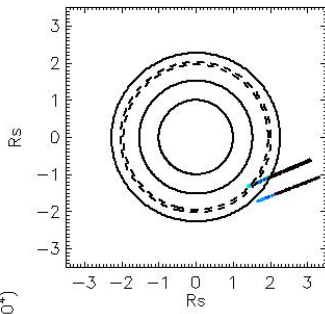
Observation Name:
UMS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_07_01_03

Observation Duration:
480 S

Integration time = 120 S



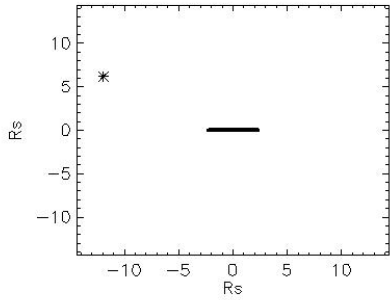
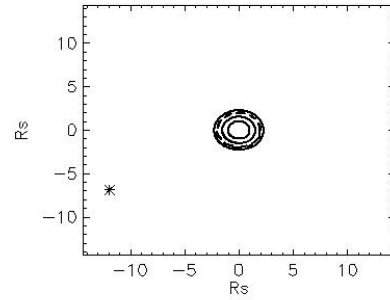
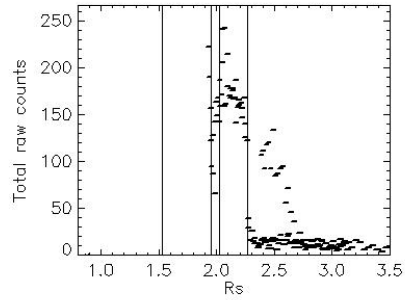
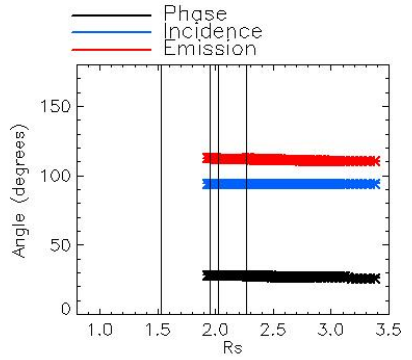
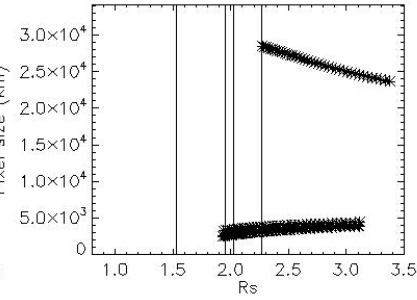
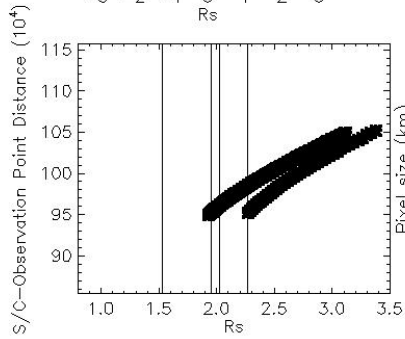


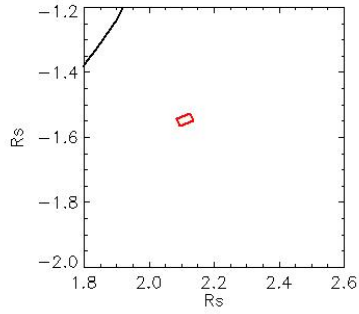
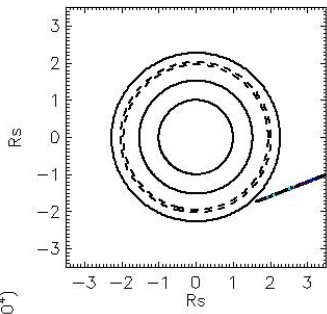
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_07_09_47

Observation Duration:
480 S

Integration time = 120 S



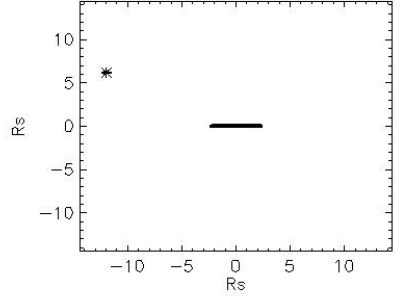
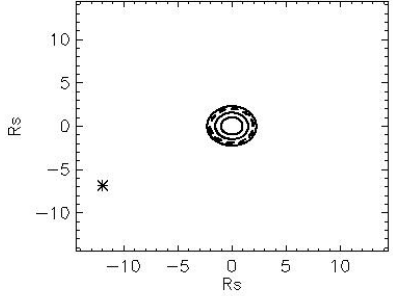
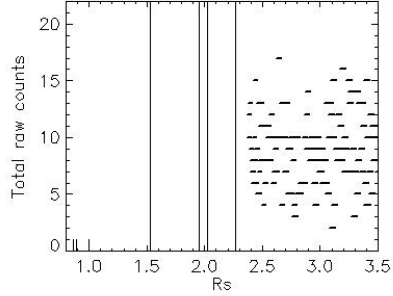
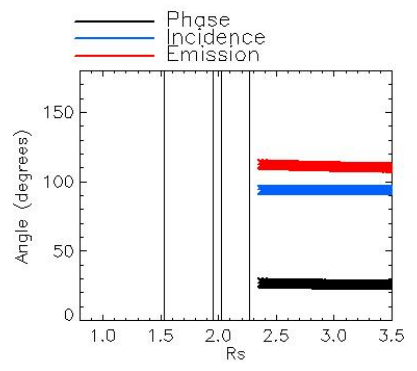
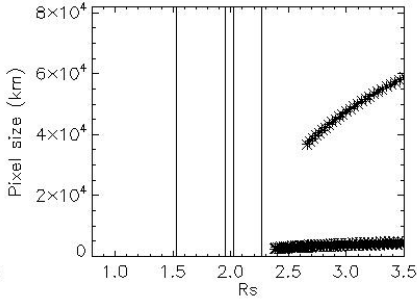
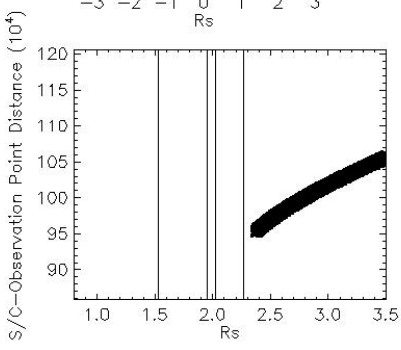


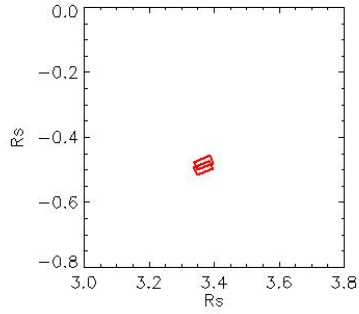
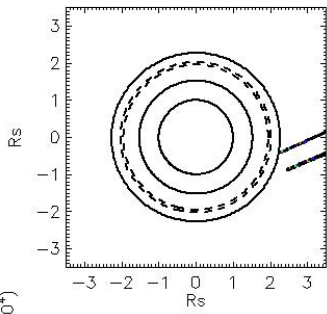
Observation Name:
UVIS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_07_18_31

Observation Duration:
480 S

Integration time = 120 S



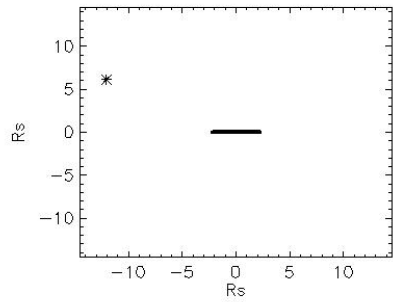
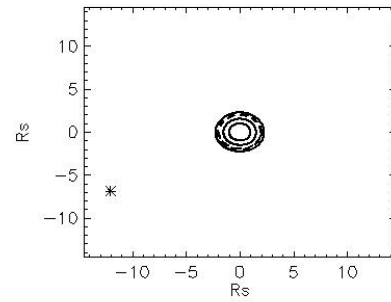
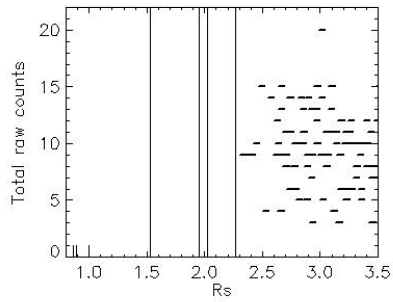
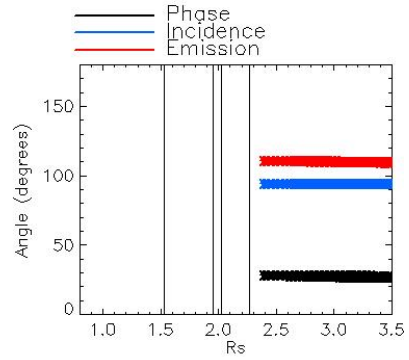
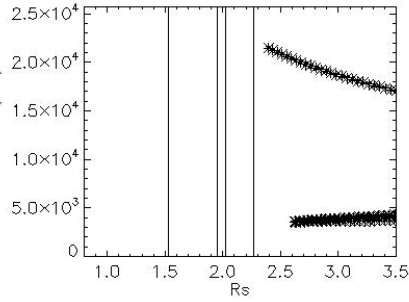
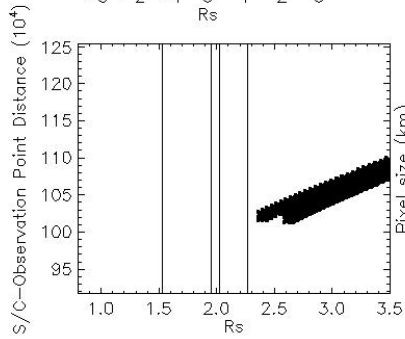


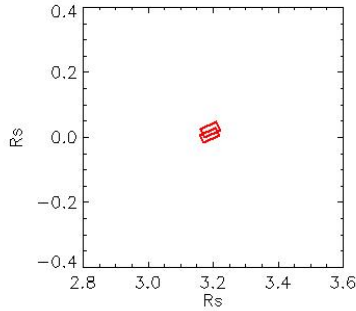
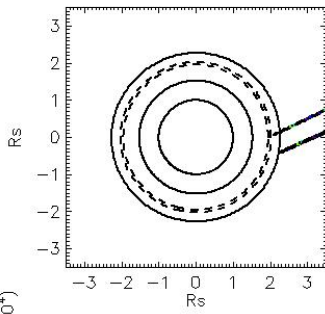
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_07_36_28

Observation Duration:
480 S

Integration time = 120 S



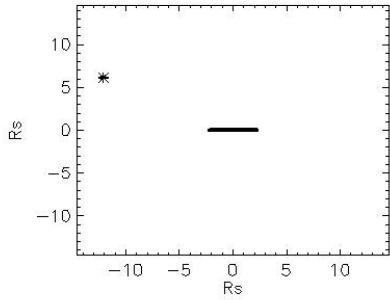
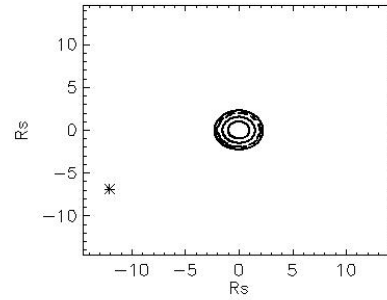
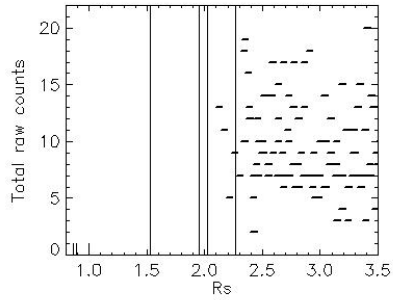
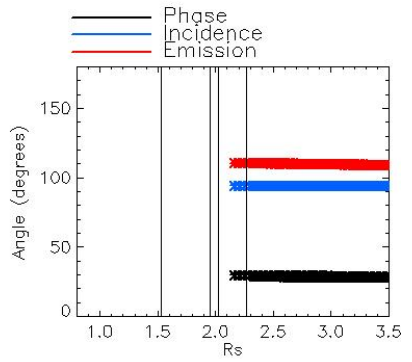
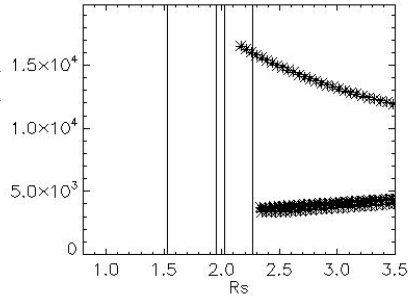
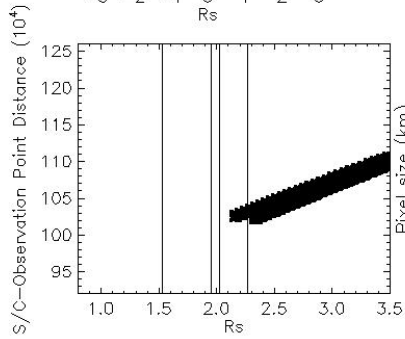


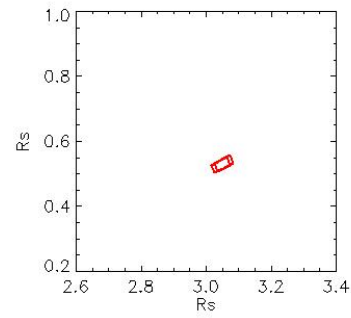
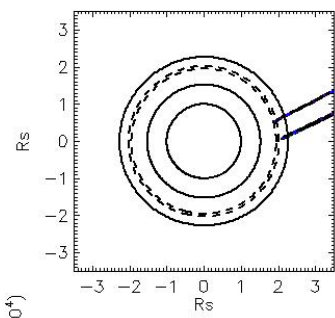
Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_07_45_12

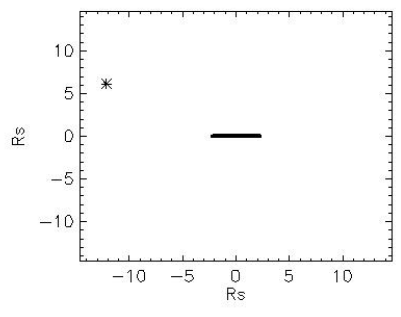
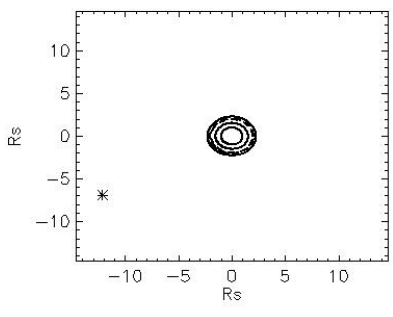
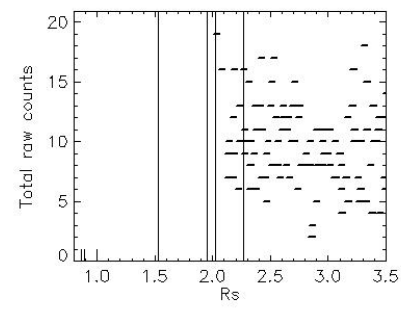
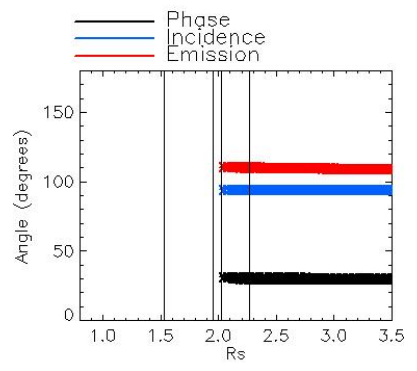
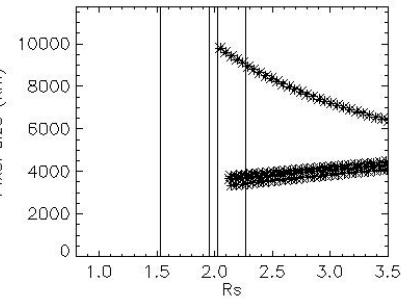
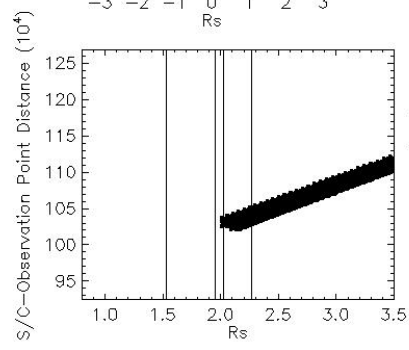
Observation Duration:
480 S

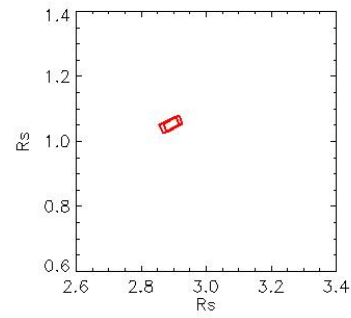
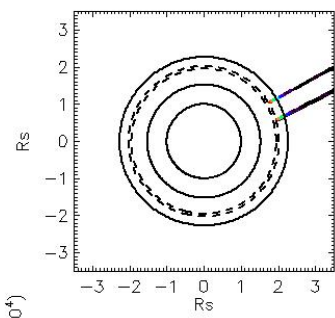
Integration time = 120 S



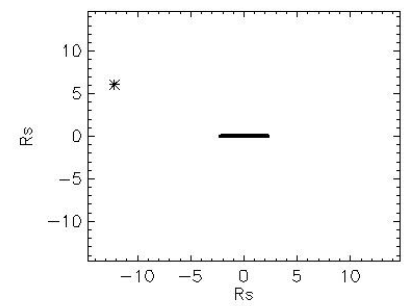
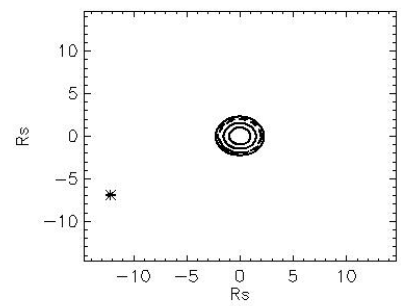
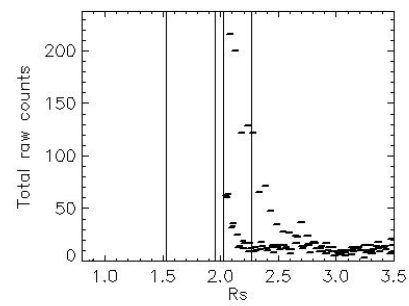
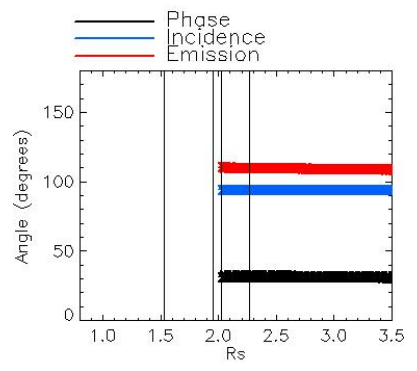
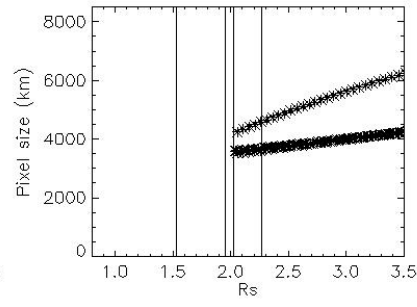
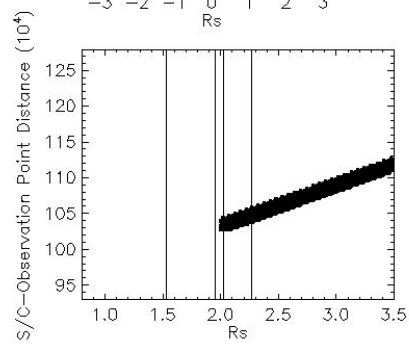


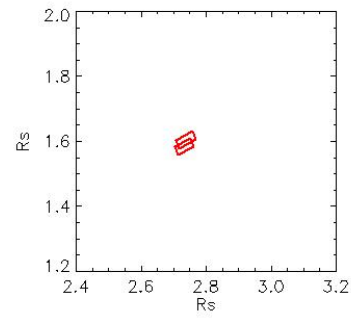
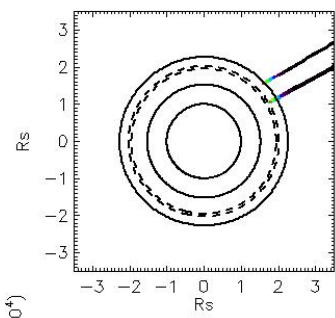
Observation Name:
 UVS_091RLAPOMOS01_VIMS
 Observation Date:
 2008_307_07_53_56
 Observation Duration:
 480 S
 Integration time = 120 S



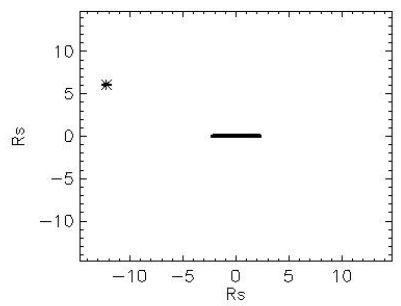
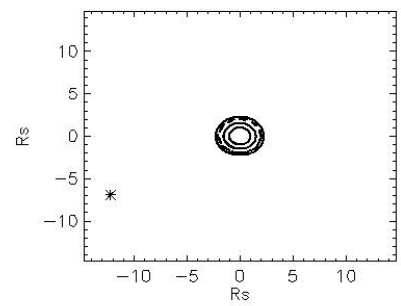
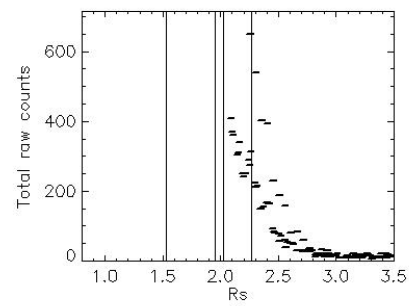
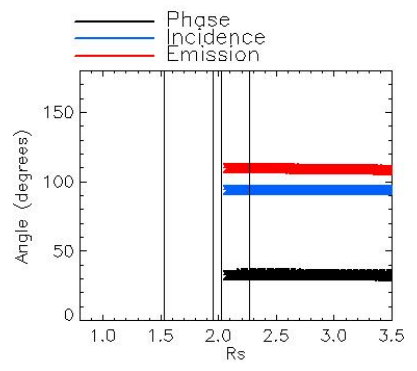
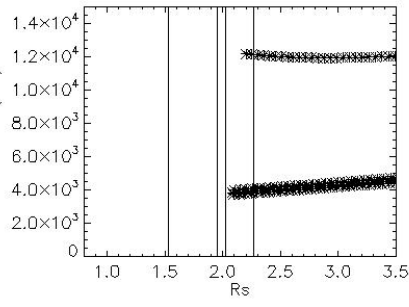
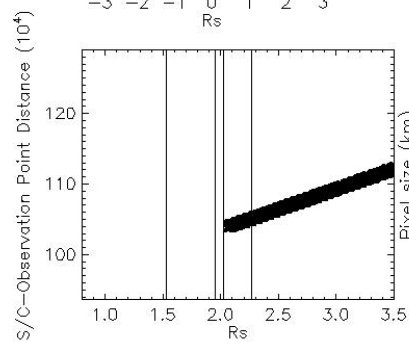


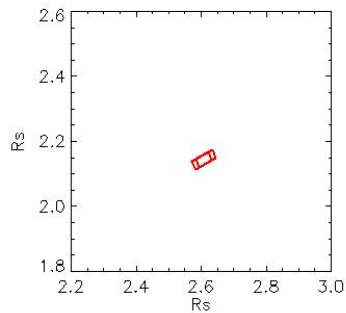
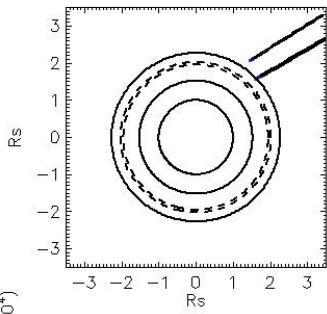
Observation Name:
 UVS_091RLAPOMOS01_VIMS
 Observation Date:
 2008_307_08_02_40
 Observation Duration:
 480 S
 Integration time = 120 S





Observation Name:
 UVS_091RLAPOMOS01_VIMS
 Observation Date:
 2008_307_08_11_24
 Observation Duration:
 480 S
 Integration time = 120 S





Observation Name:
UVS_091RLAPOMOS01_VIMS

Observation Date:
2008_307_08_20_08

Observation Duration:
480 S

Integration time = 120 S

