

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.

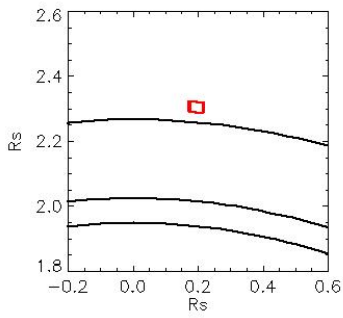
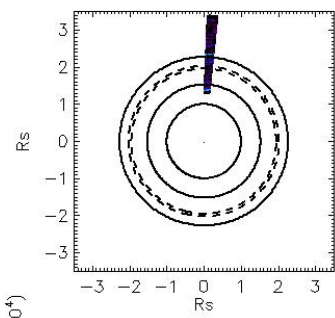
Middle center: Maximum projected smeared pixel size for all data records plotted against the radial location of the projected pixel at the middle of the integration period.

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.

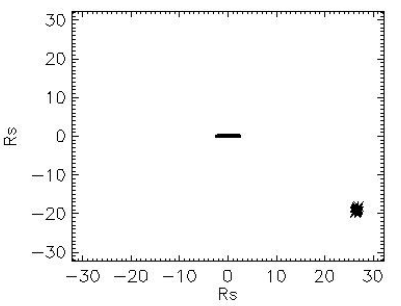
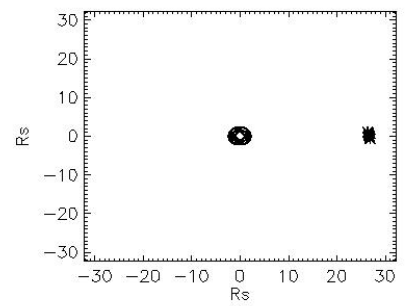
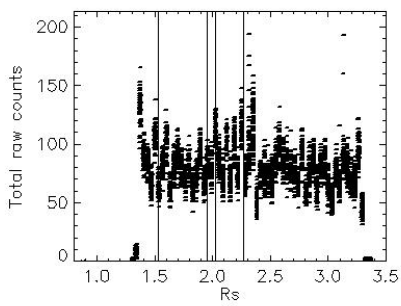
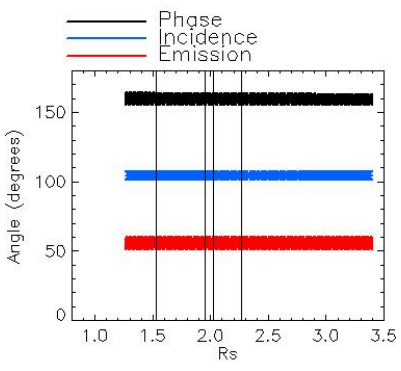
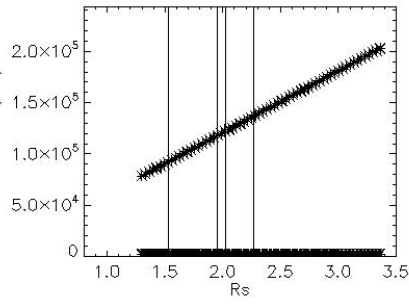
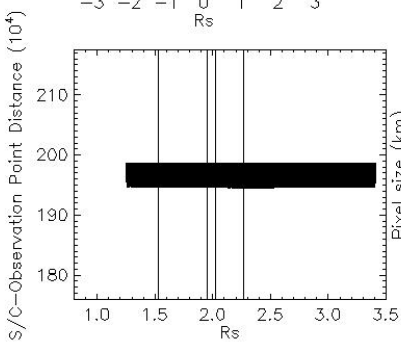


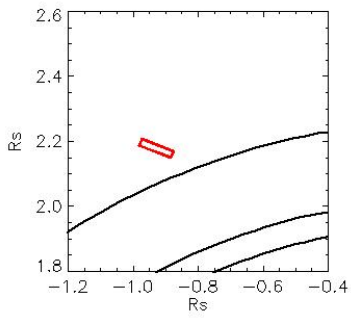
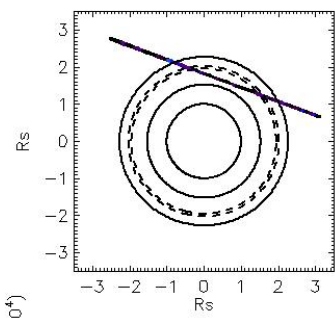
Observation Name:
UMS_036RLFM0VIE001_VIMS

Observation Date:
2006_357_08_54_12

Observation Duration:
56700 S

Integration time = 900 S



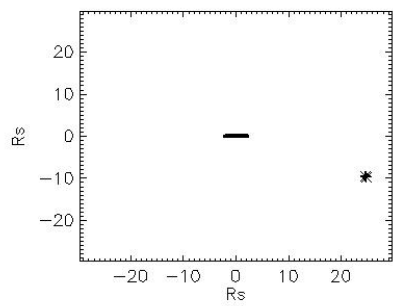
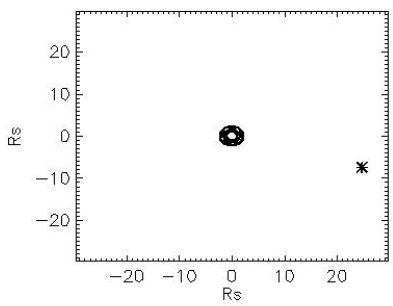
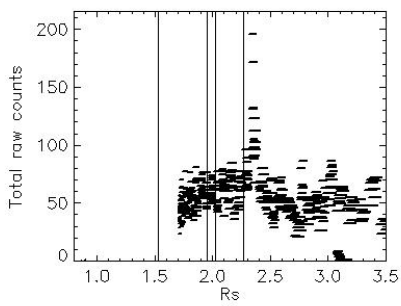
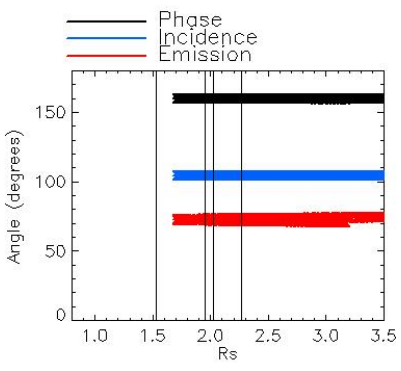
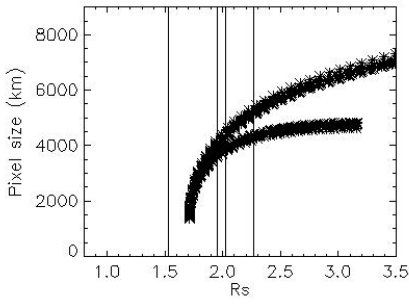
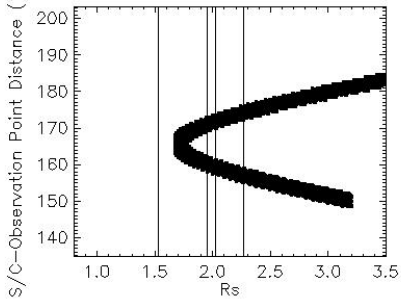


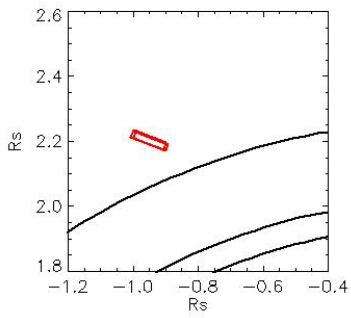
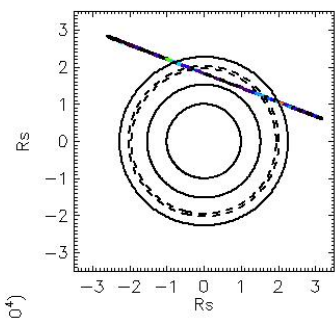
Observation Name:
UVIS_036RLFMONITOR001_CIRS

Observation Date:
2006_360_16_09_33

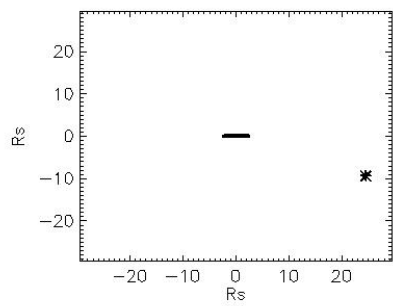
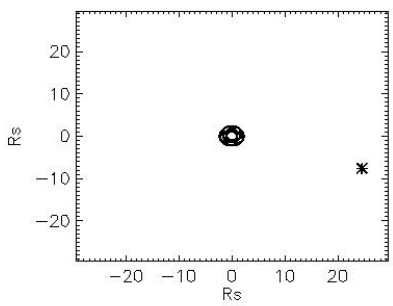
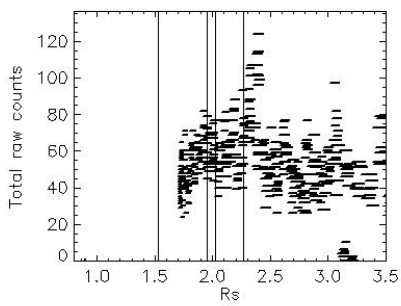
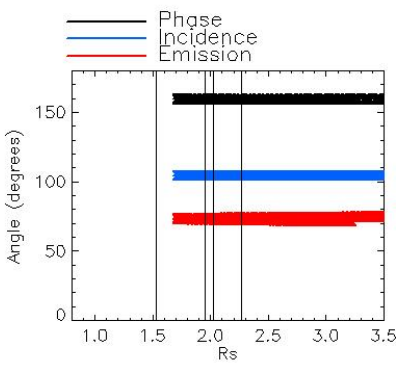
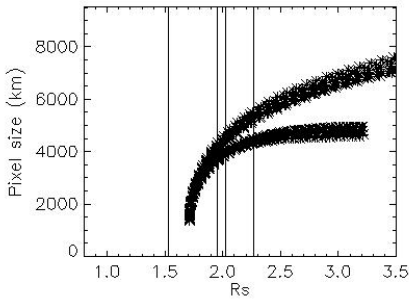
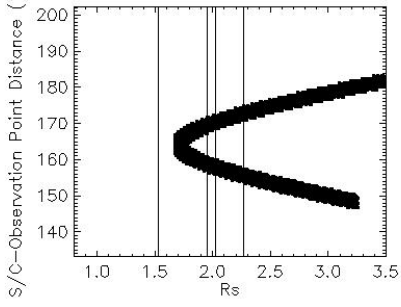
Observation Duration:
4800 S

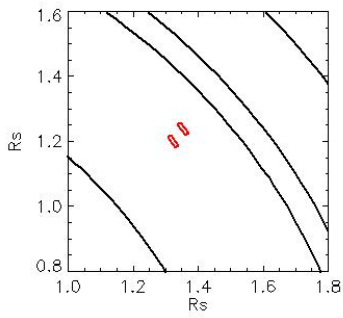
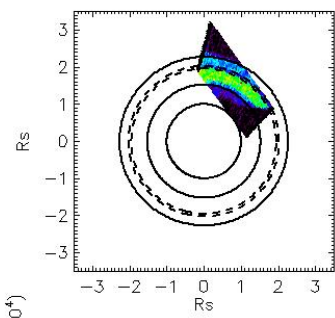
Integration time = 600 S





Observation Name:
UVIS_036RLFMONITOR001_CIRS
Observation Date:
2006_360_17_59_11
Observation Duration:
4800 S
Integration time = 600 S



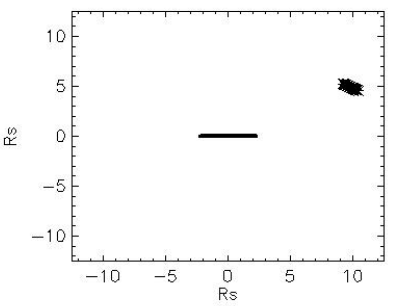
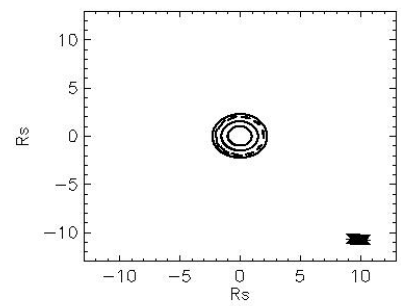
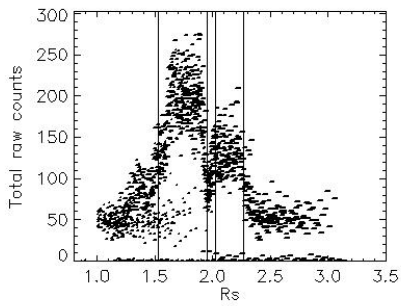
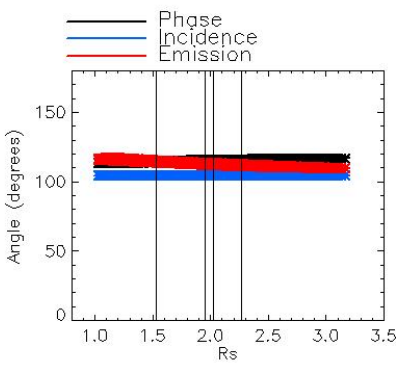
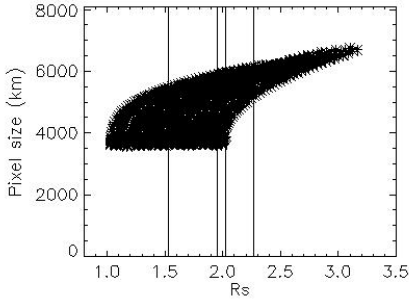
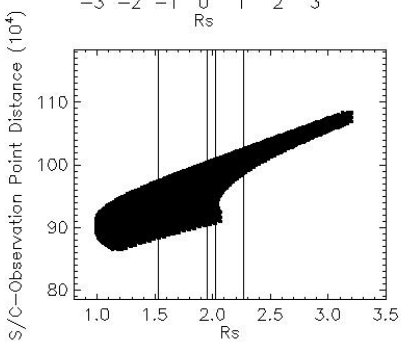


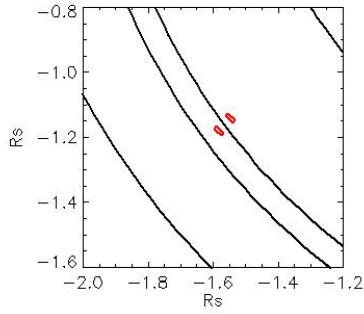
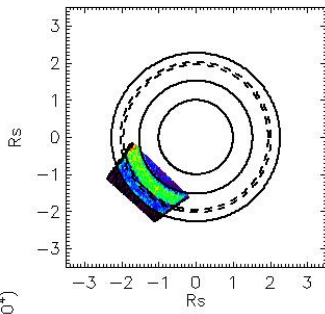
Observation Name:
UMS_036RLSUBML27HP001_CIRS

Observation Date:
2006_363_13_35_01

Observation Duration:
12600 S

Integration time = 600 S



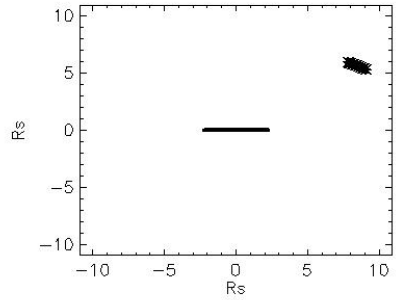
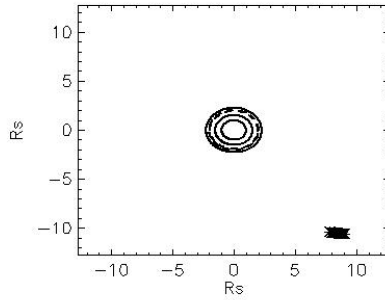
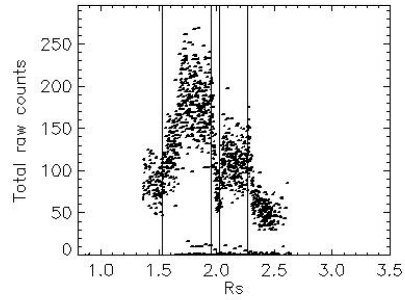
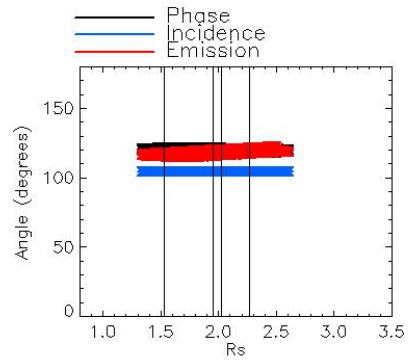
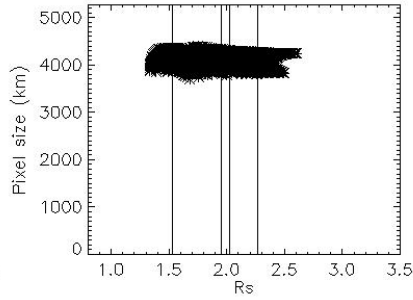
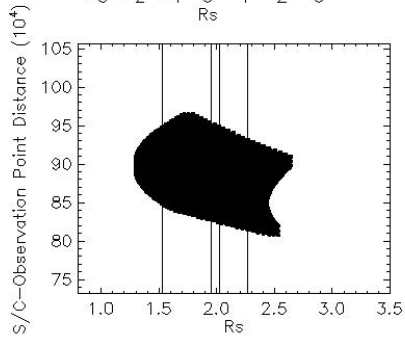


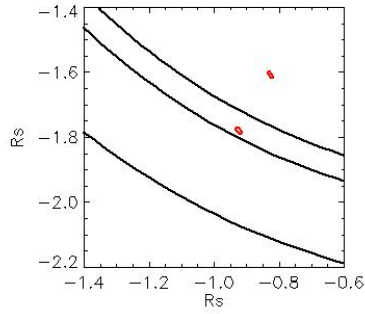
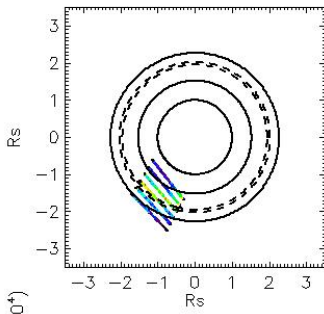
Observation Name:
UMS_036RLSUBML27HP001_CIRS

Observation Date:
2006_363_17_13_01

Observation Duration:
12600 S

Integration time = 600 S



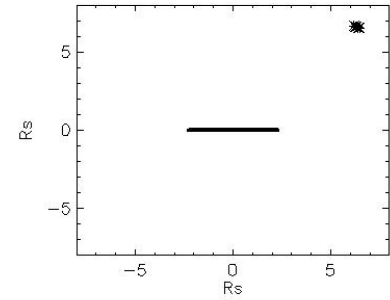
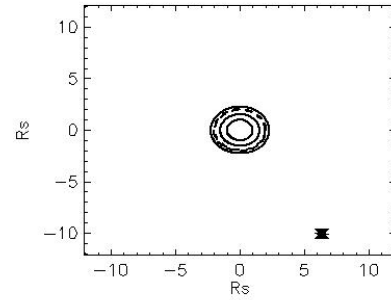
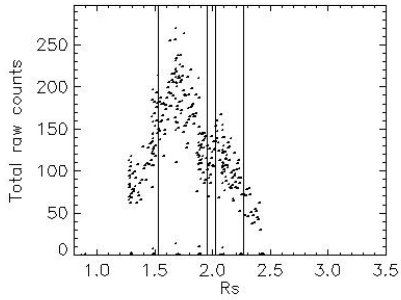
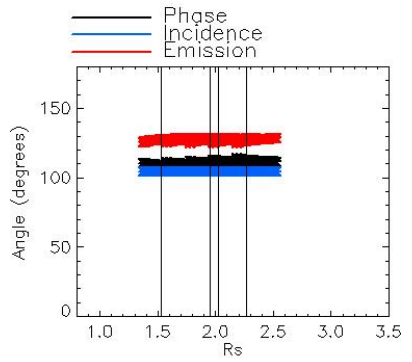
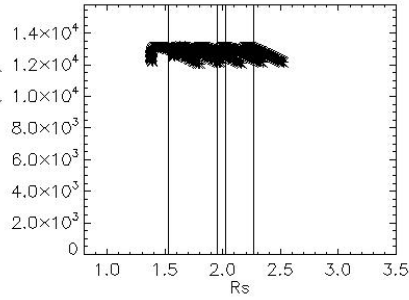
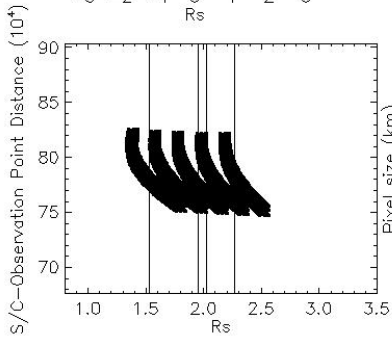


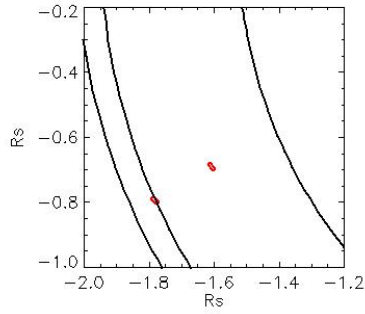
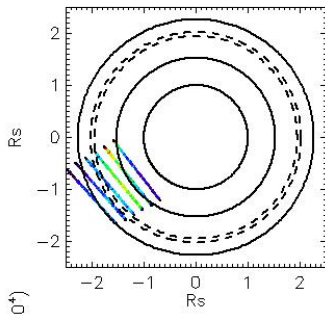
Observation Name:
UMS_036RLVERTLMP001_CIRS

Observation Date:
2006_363_23_45_01

Observation Duration:
3000 S

Integration time = 600 S



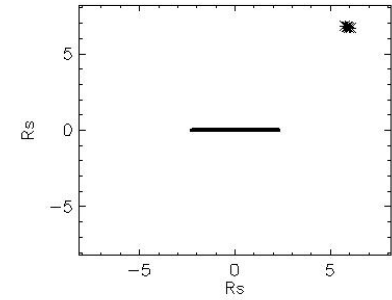
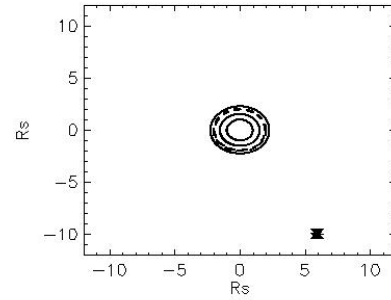
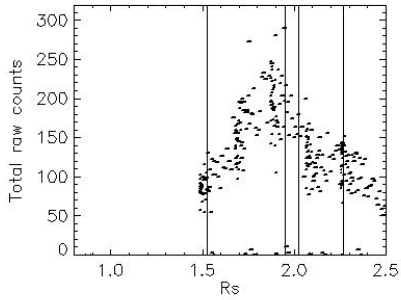
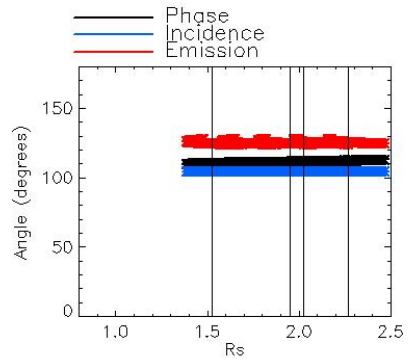
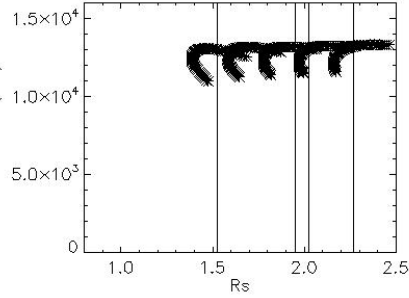
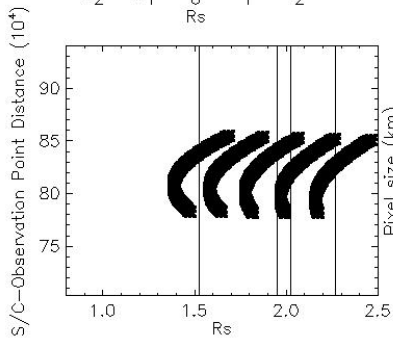


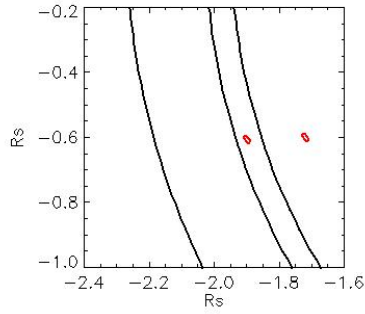
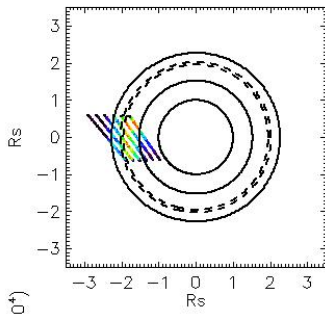
Observation Name:
UMS_036RLVERTLMP001_CIRS

Observation Date:
2006_364_00_43_01

Observation Duration:
3000 S

Integration time = 600 S



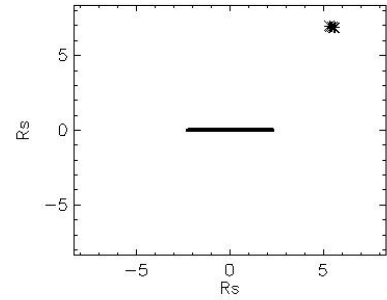
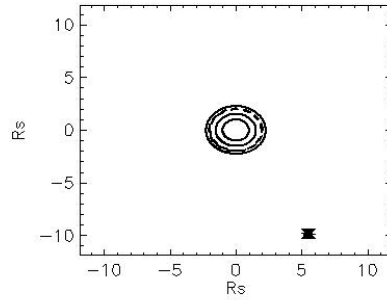
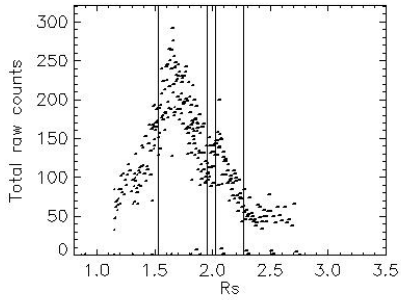
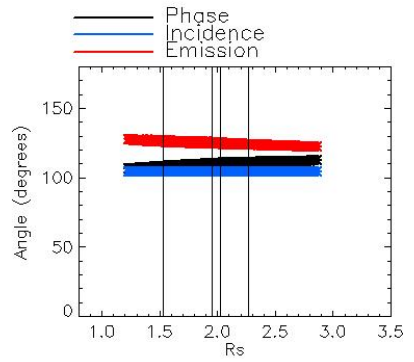
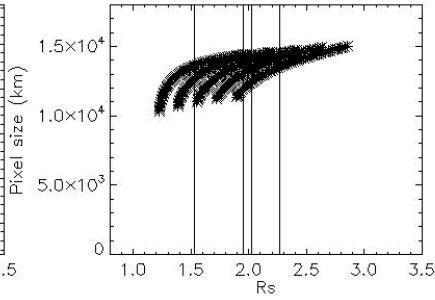
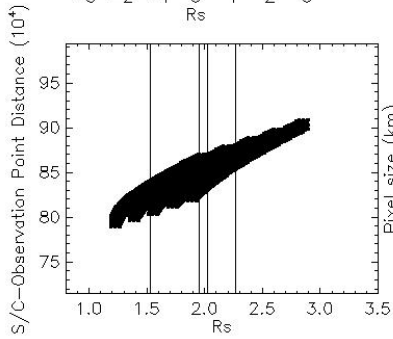


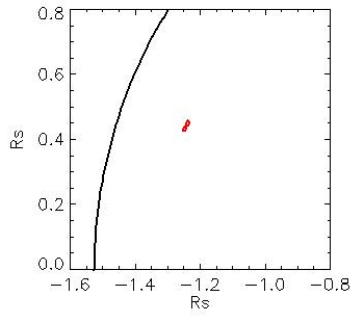
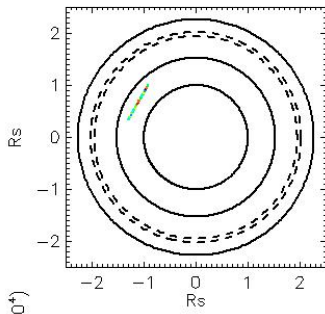
Observation Name:
UMS_036RLVERTLMP001_CIRS

Observation Date:
2006_364_01_42_01

Observation Duration:
3000 S

Integration time = 600 S



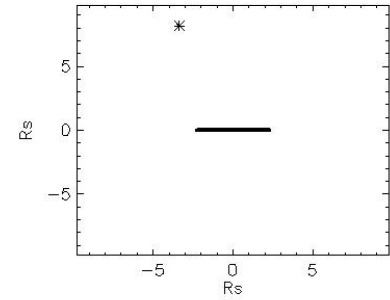
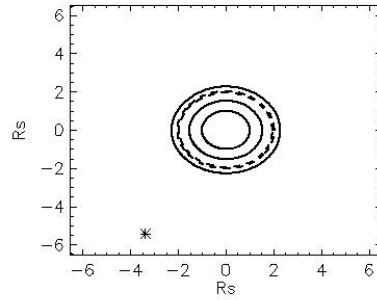
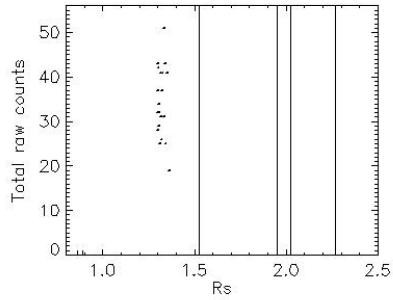
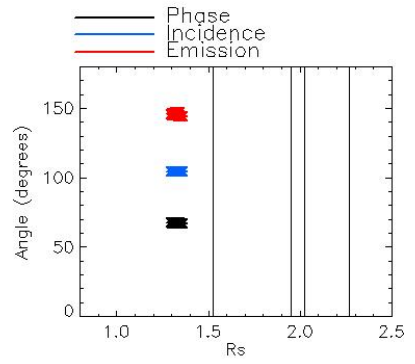
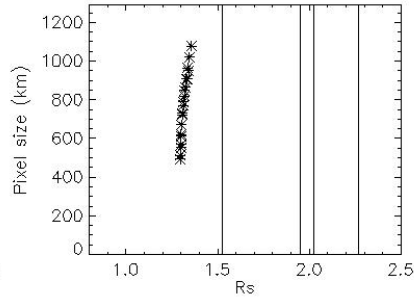
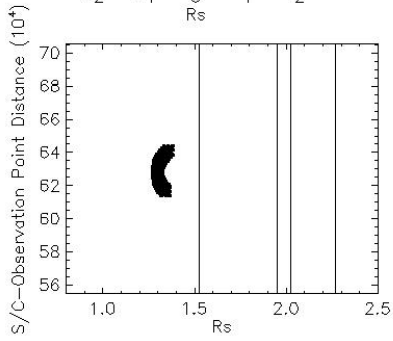


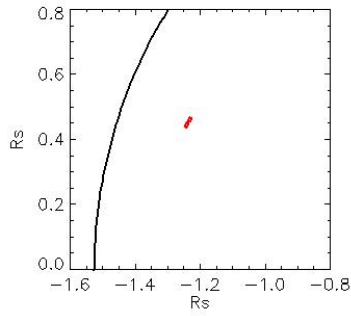
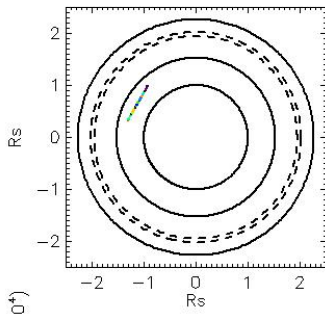
Observation Name:
UWS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_19_36_59

Observation Duration:
55 S

Integration time = 55 S



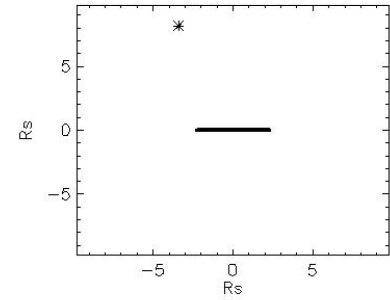
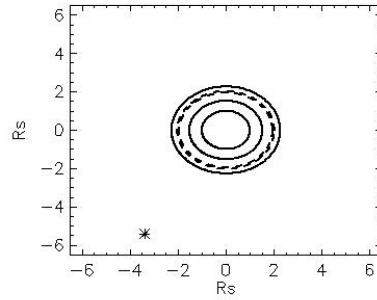
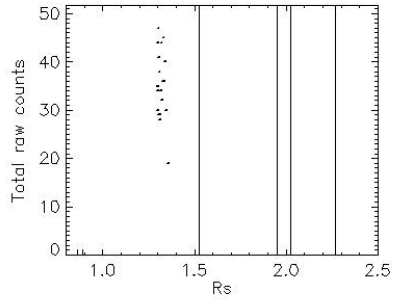
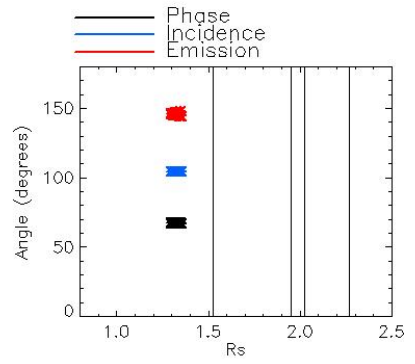
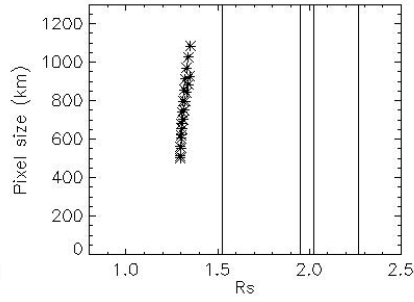
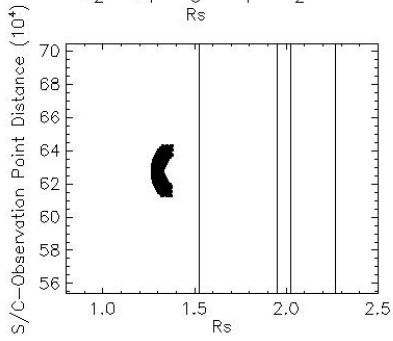


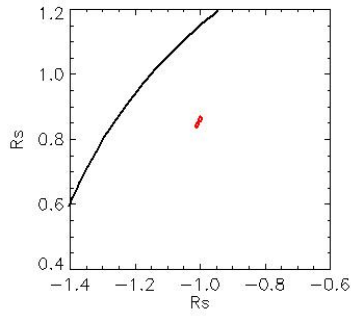
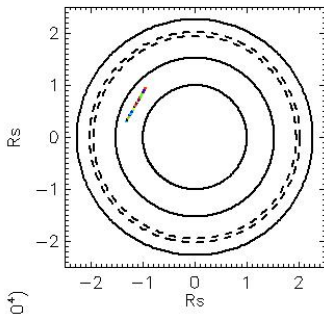
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_19_38_59

Observation Duration:
55 S

Integration time = 55 S



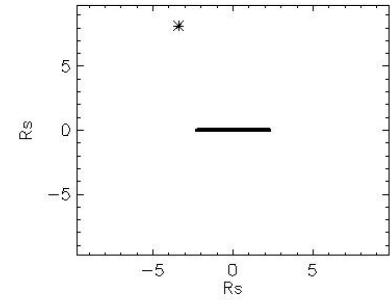
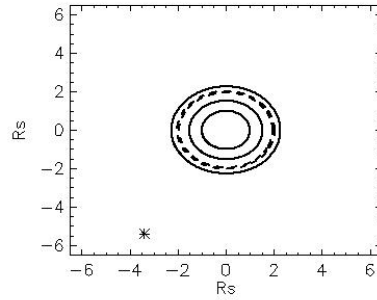
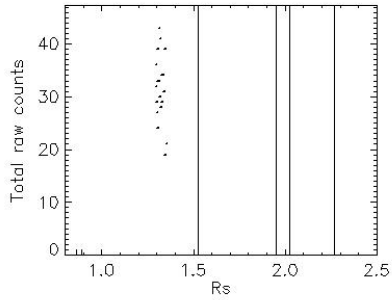
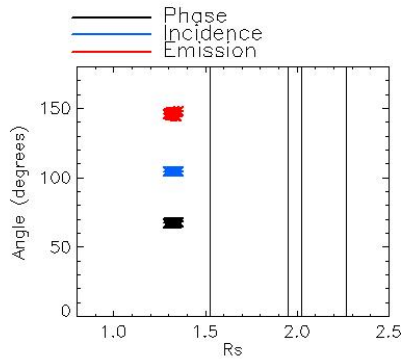
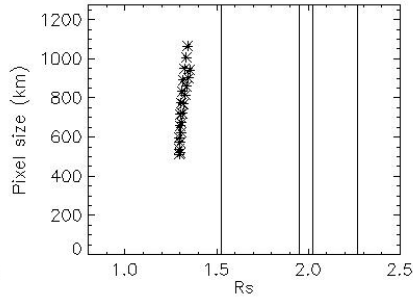
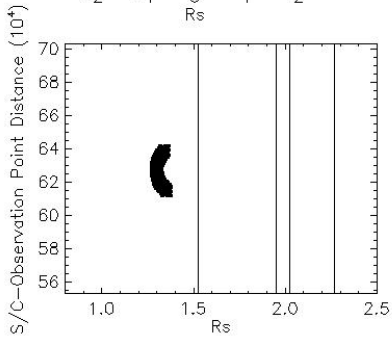


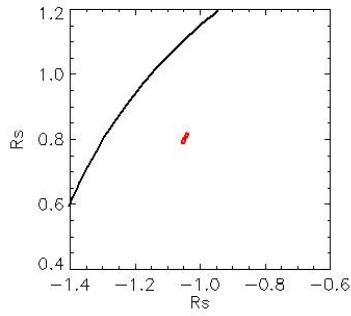
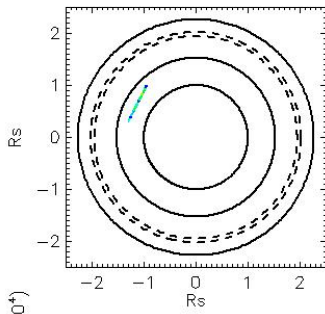
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_19_40_59

Observation Duration:
55 S

Integration time = 55 S



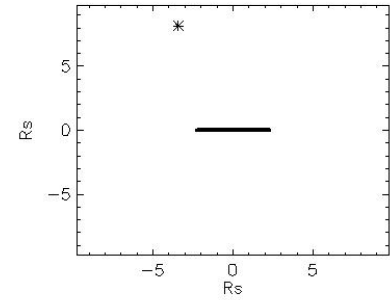
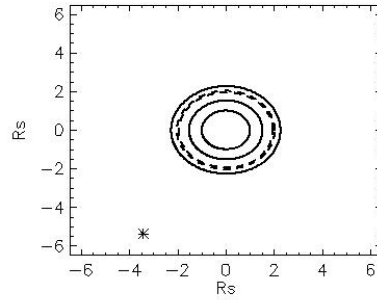
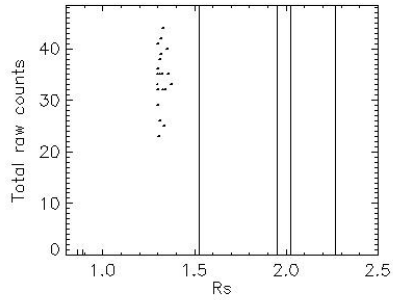
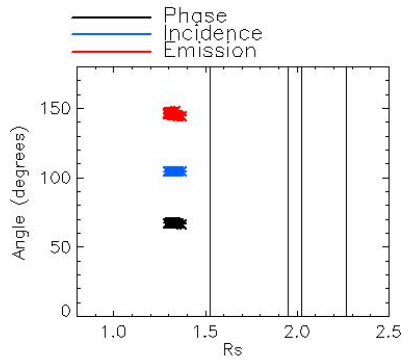
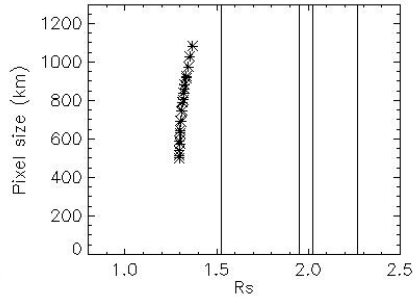
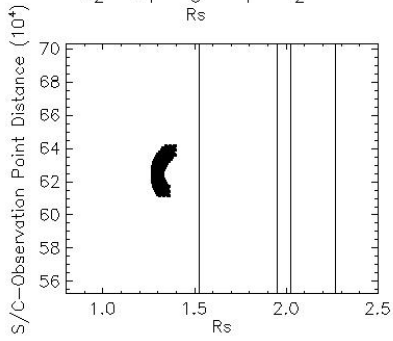


Observation Name:
UMS_036RLAZSCNLOPH001_ISS

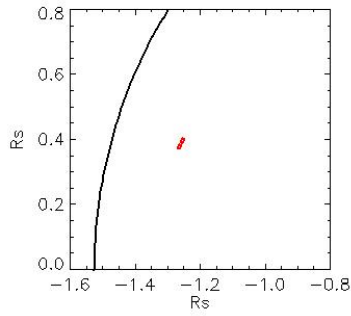
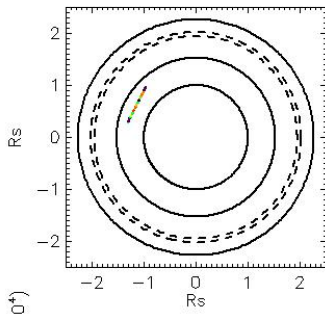
Observation Date:
2006_364_19_44_34

Observation Duration:
55 S

Integration time = 55 S



— Phase
— Incidence
— Emission

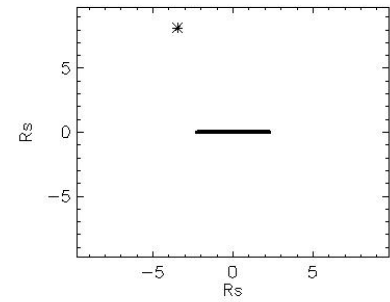
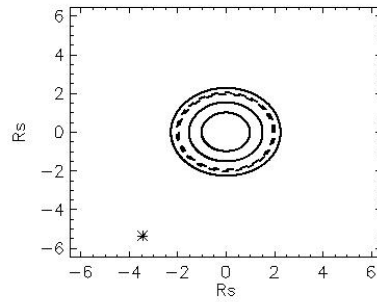
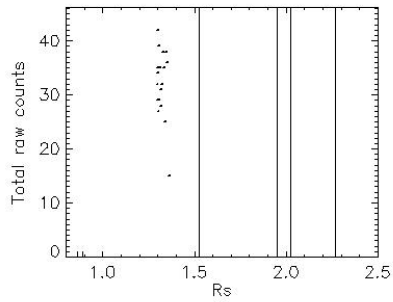
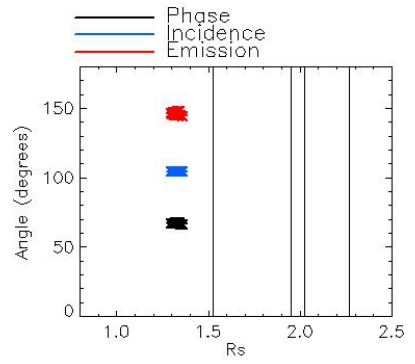
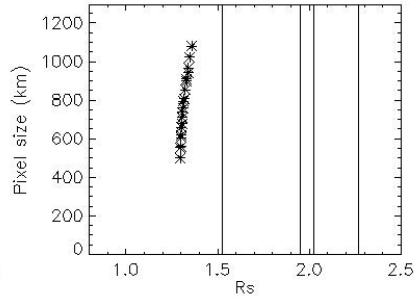
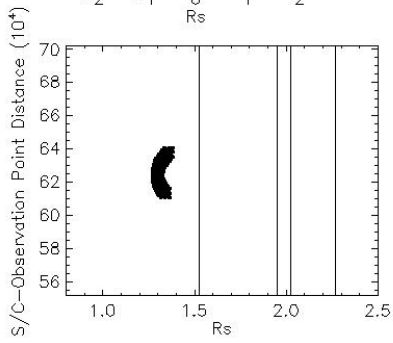


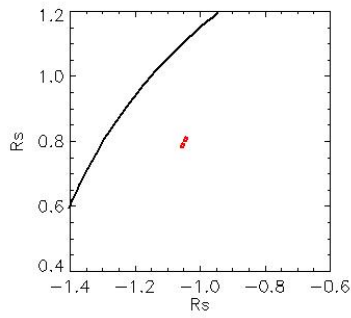
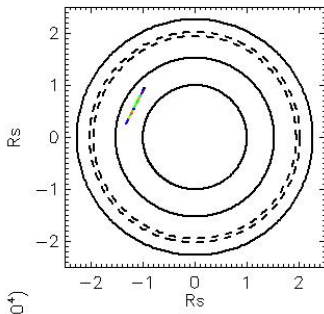
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_19_46_34

Observation Duration:
55 S

Integration time = 55 S



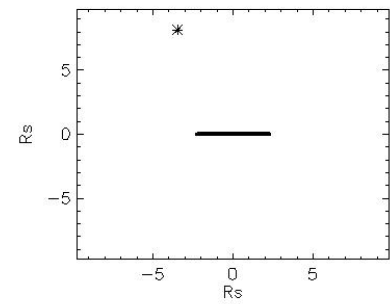
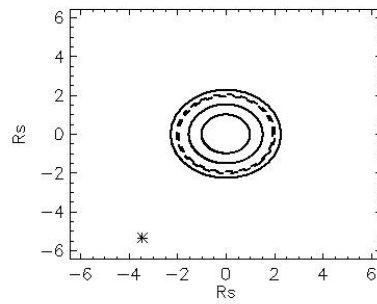
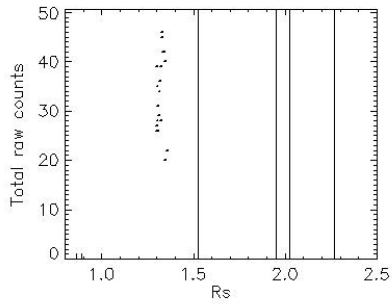
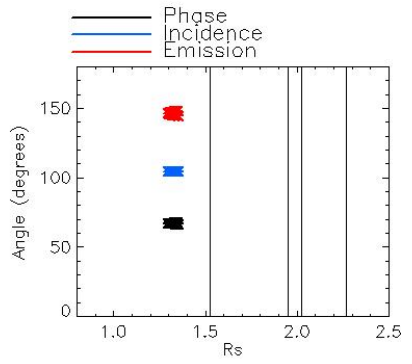
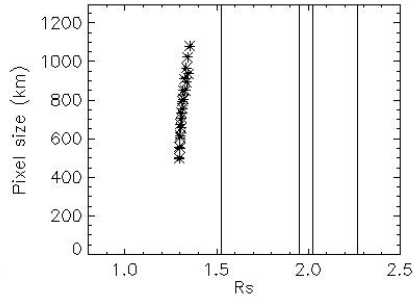
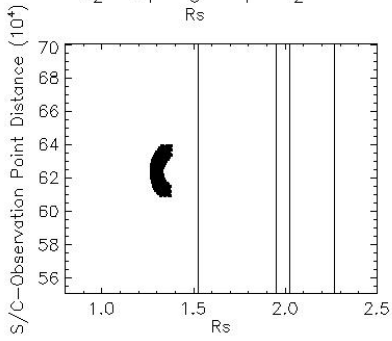


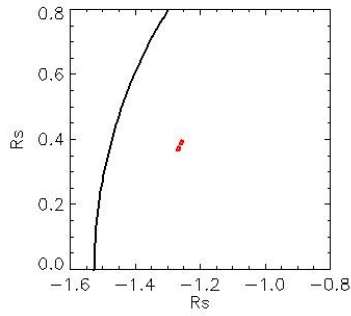
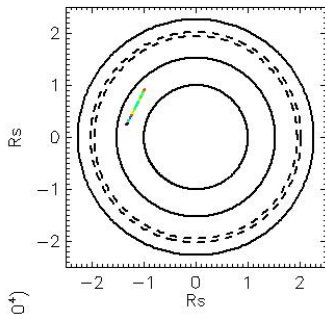
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_19_48_34

Observation Duration:
55 S

Integration time = 55 S



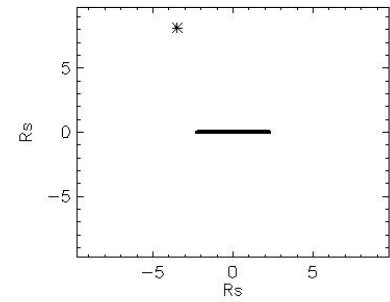
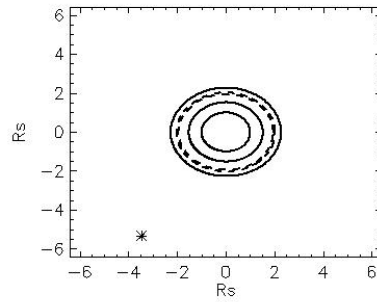
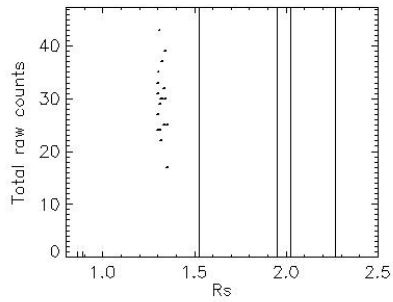
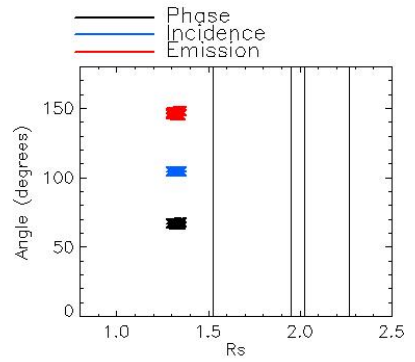
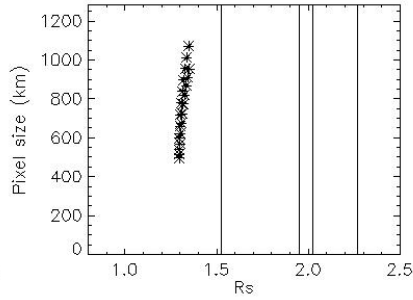
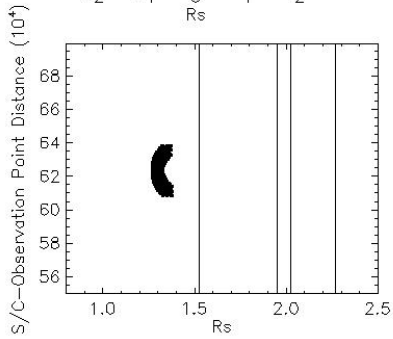


Observation Name:
UMS_036RLAZSCNLOPH001_ISS

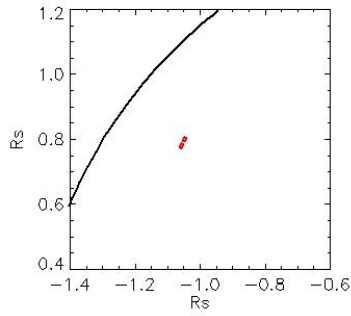
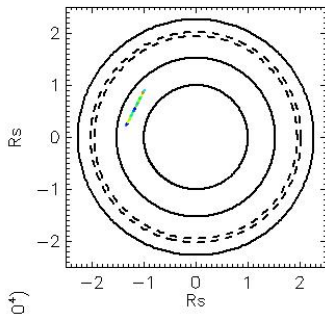
Observation Date:
2006_364_19_50_35

Observation Duration:
55 S

Integration time = 55 S



— Phase
— Incidence
— Emission

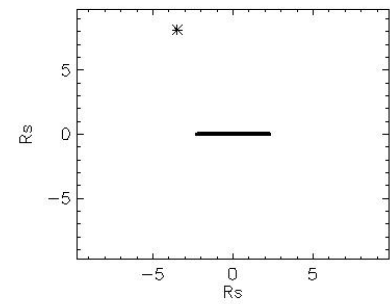
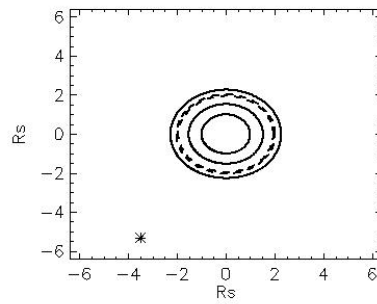
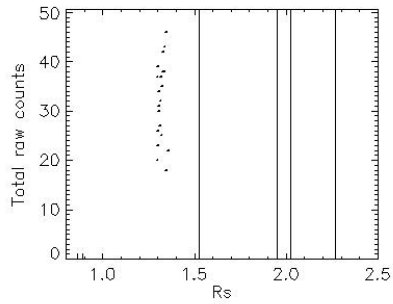
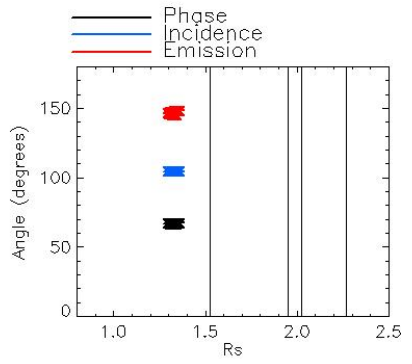
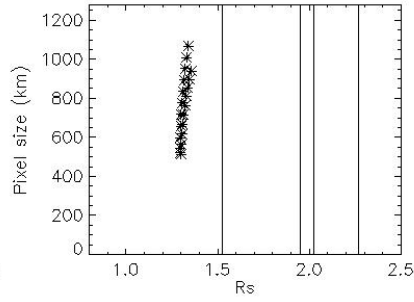
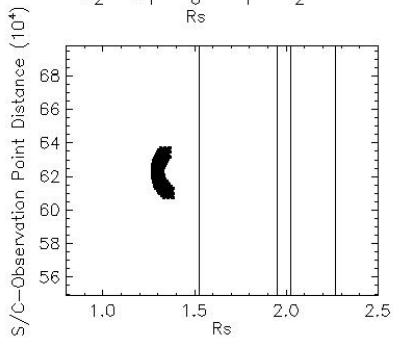


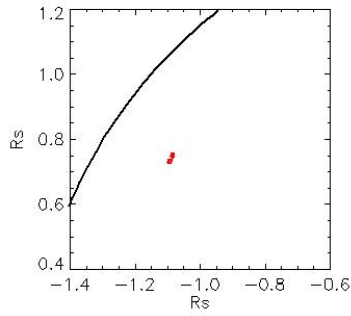
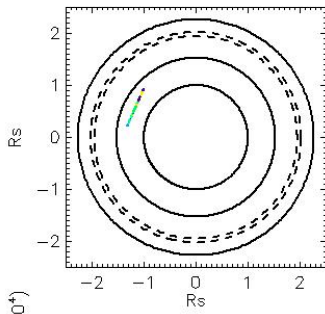
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_19_52_34

Observation Duration:
55 S

Integration time = 55 S



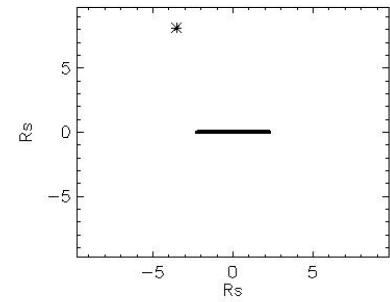
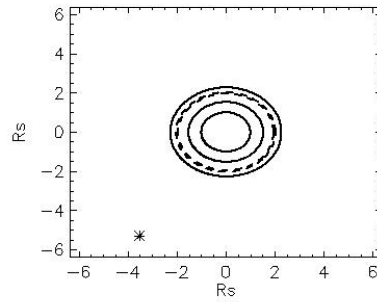
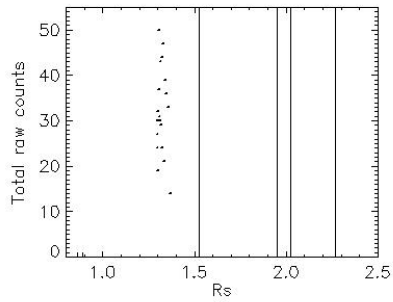
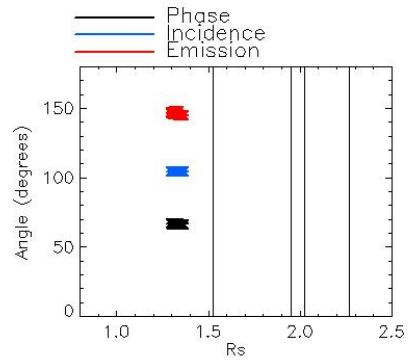
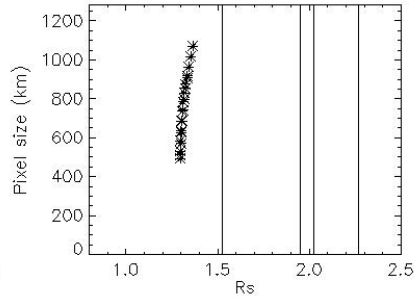
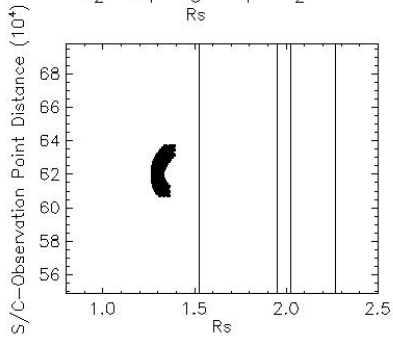


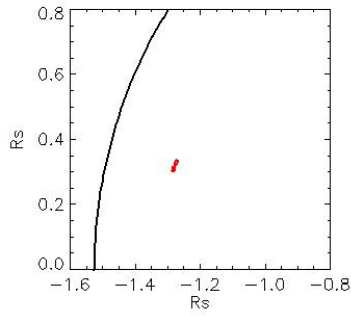
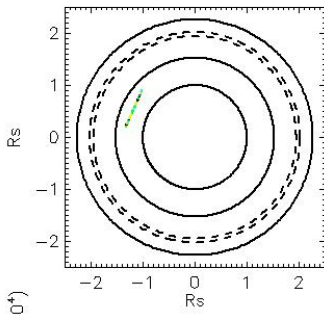
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_19_56_15

Observation Duration:
55 S

Integration time = 55 S



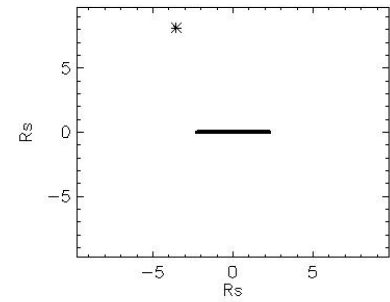
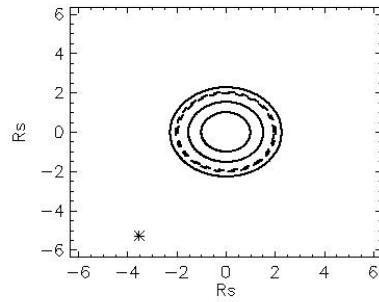
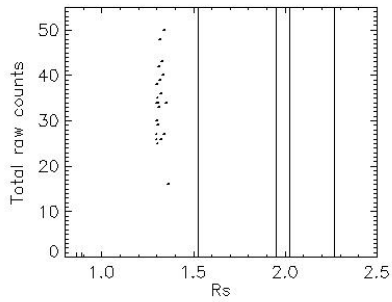
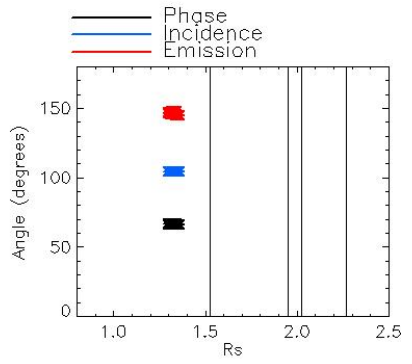
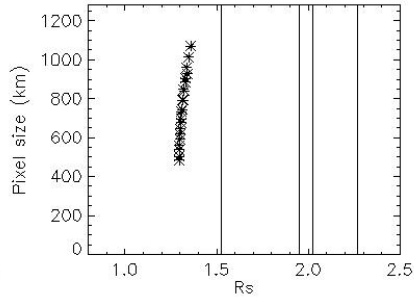
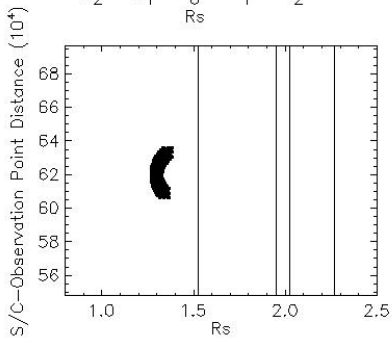


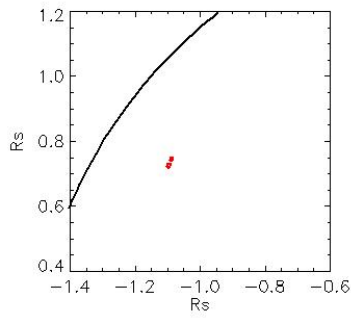
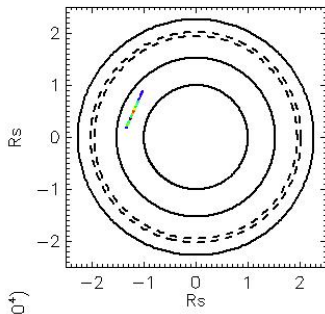
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_19_58_15

Observation Duration:
55 S

Integration time = 55 S



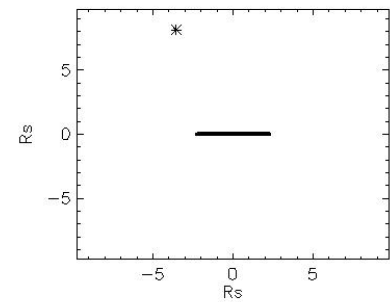
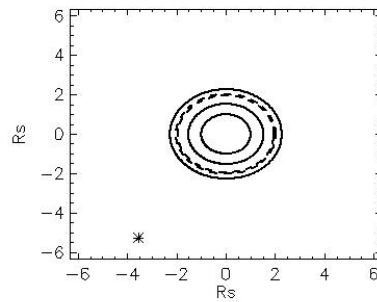
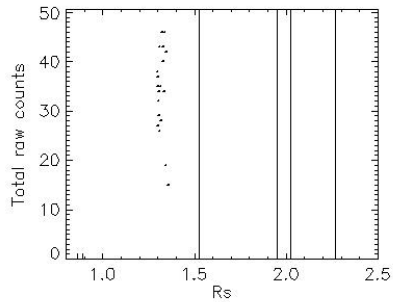
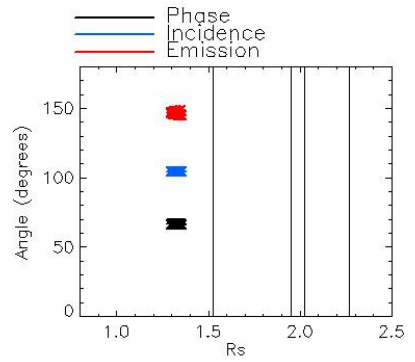
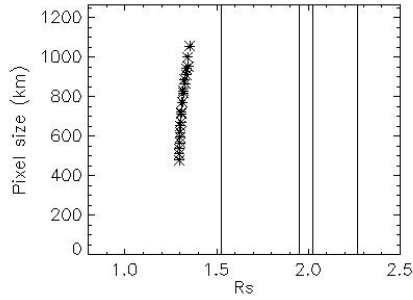
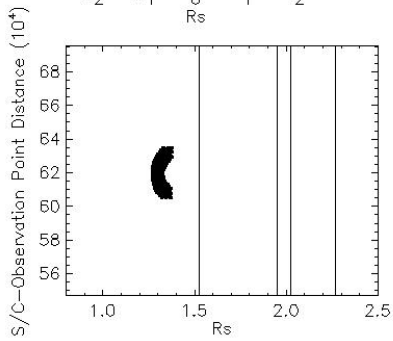


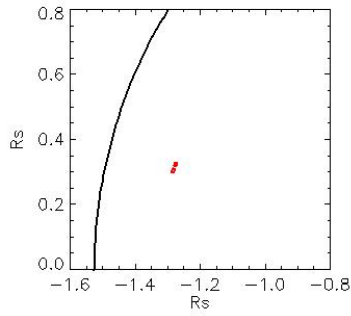
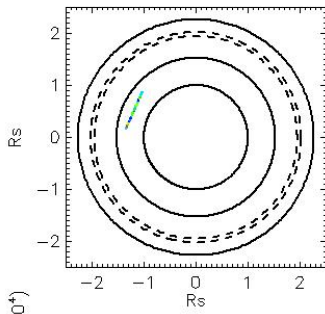
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_00_15

Observation Duration:
55 S

Integration time = 55 S



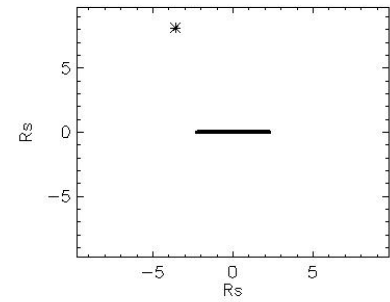
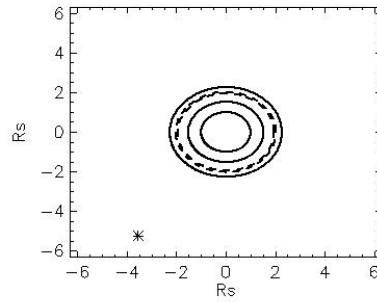
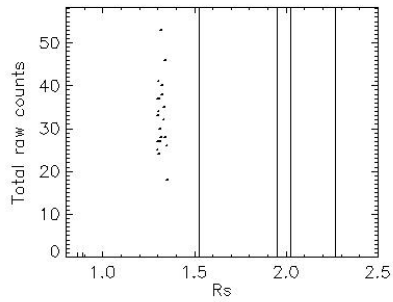
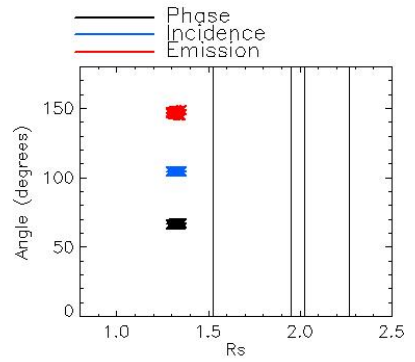
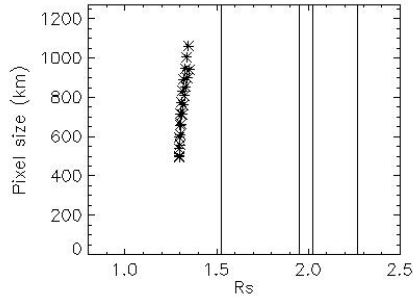
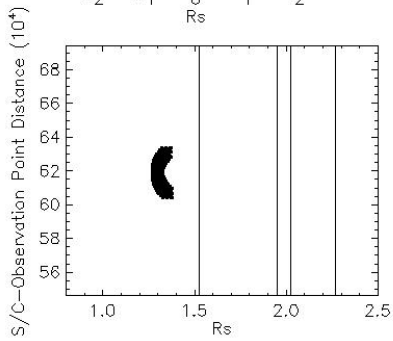


Observation Name:
UMS_036RLAZSCNLOPH001_ISS

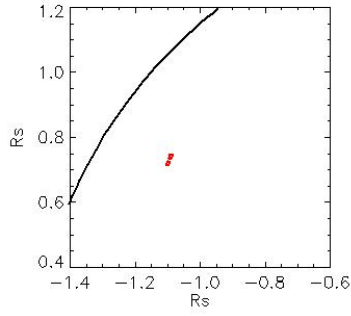
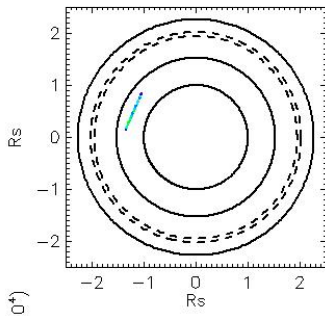
Observation Date:
2006_364_20_02_15

Observation Duration:
55 S

Integration time = 55 S



— Phase
— Incidence
— Emission

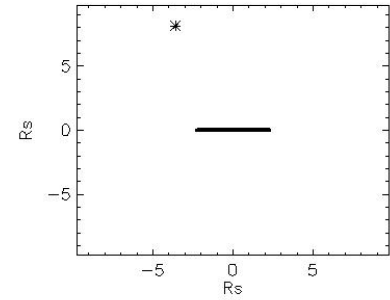
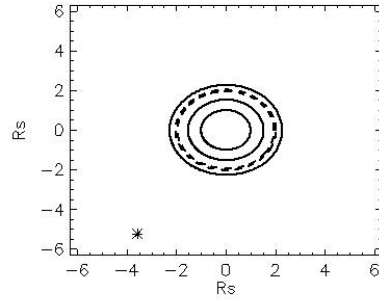
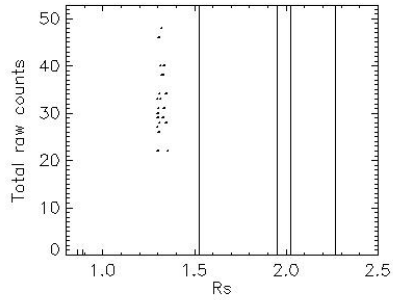
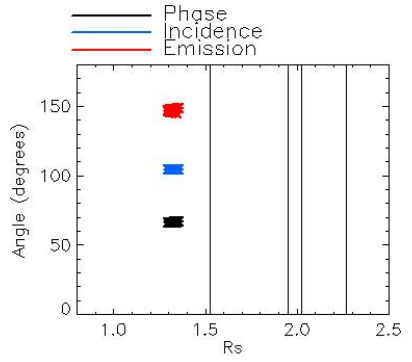
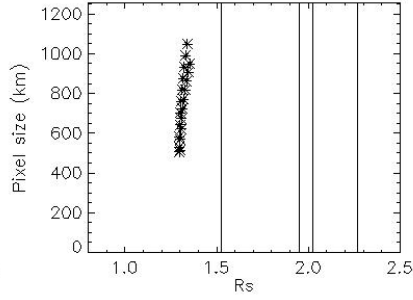
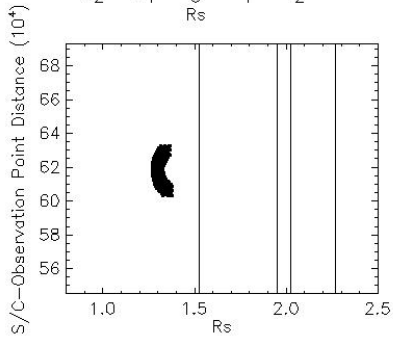


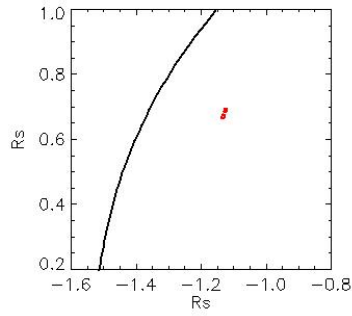
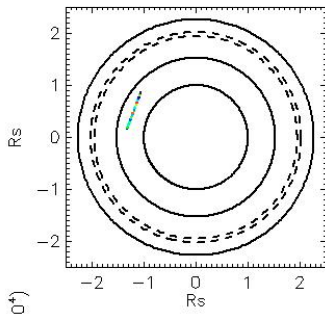
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_04_15

Observation Duration:
55 S

Integration time = 55 S



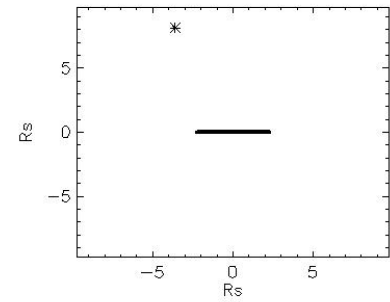
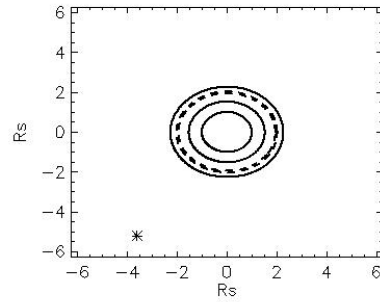
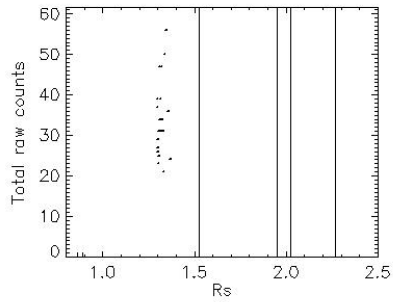
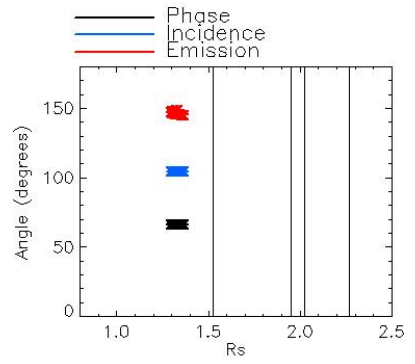
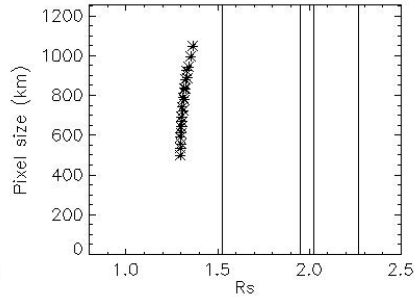
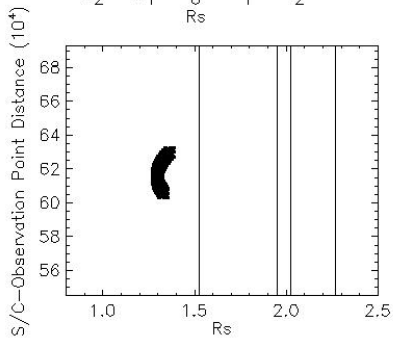


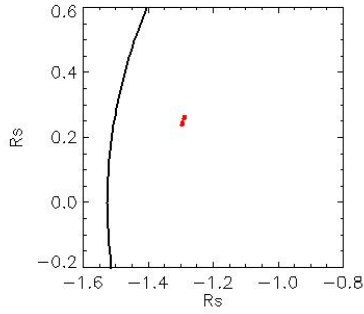
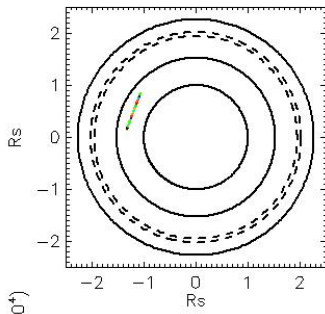
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_07_54

Observation Duration:
55 S

Integration time = 55 S



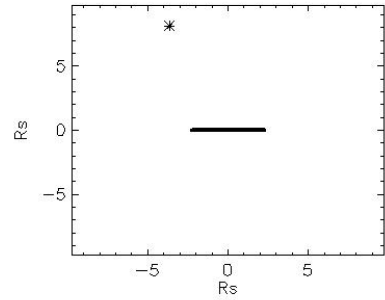
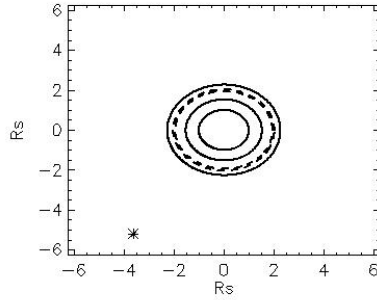
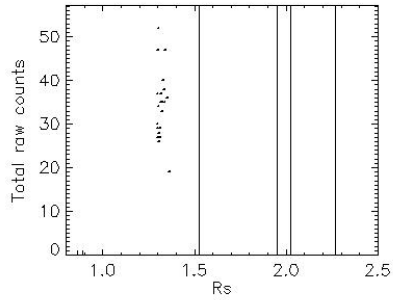
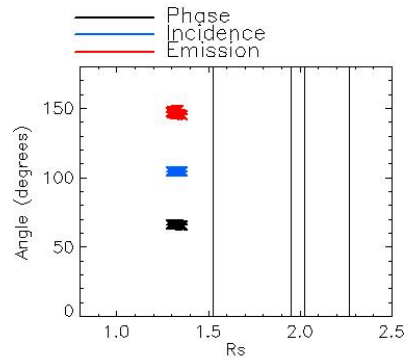
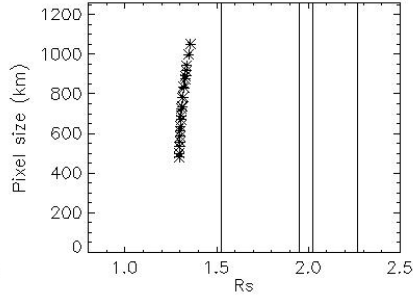
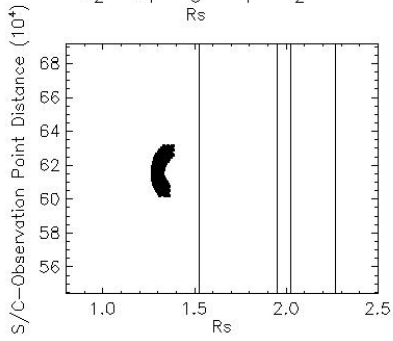


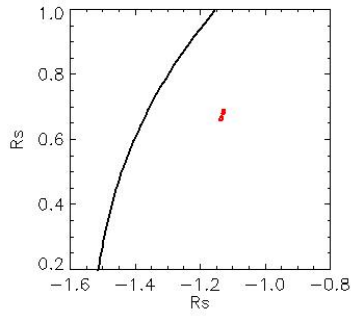
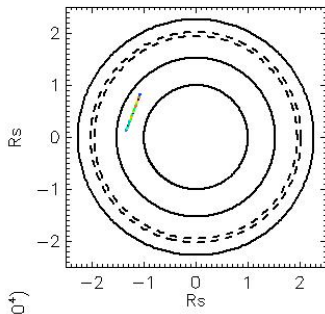
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_09_54

Observation Duration:
55 S

Integration time = 55 S



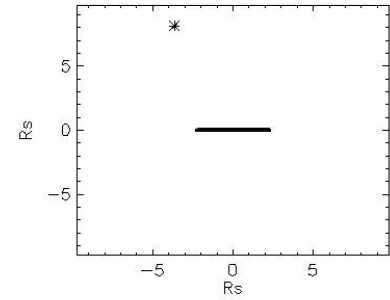
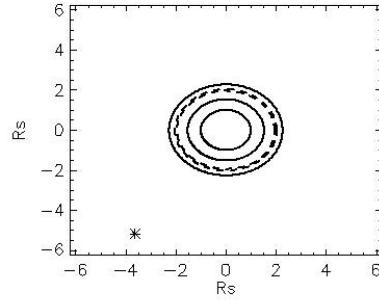
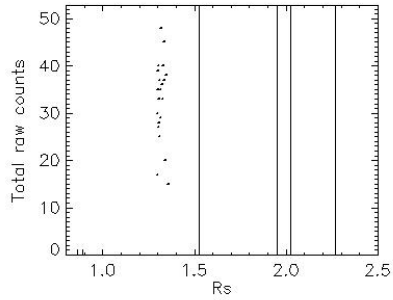
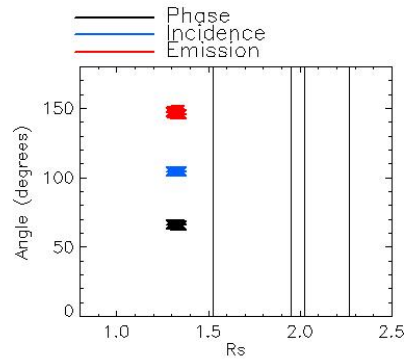
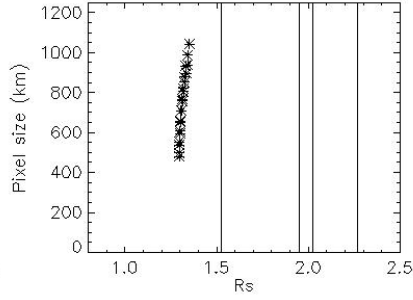
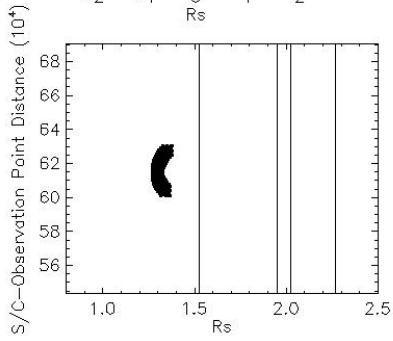


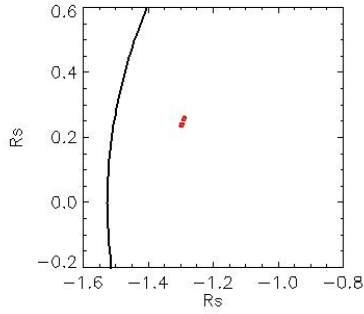
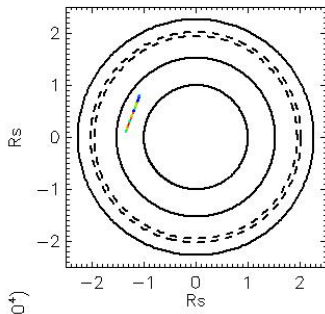
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_11_54

Observation Duration:
55 S

Integration time = 55 S



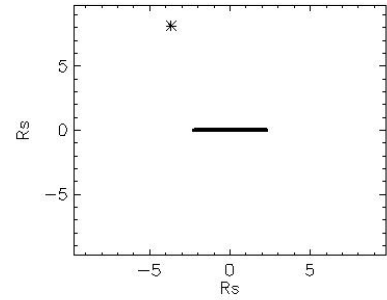
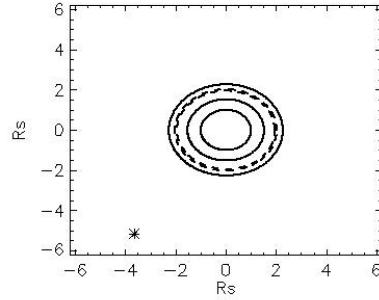
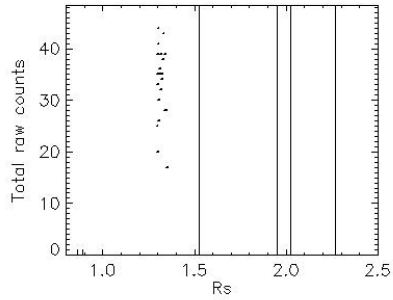
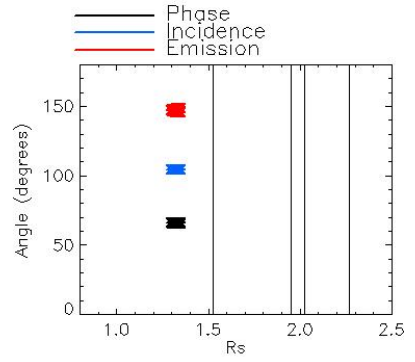
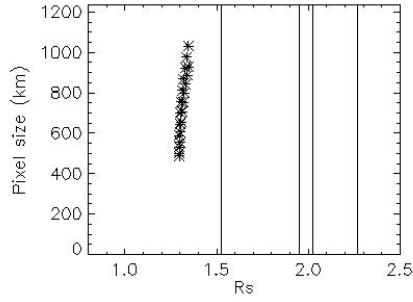
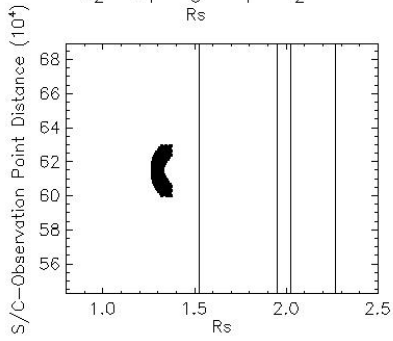


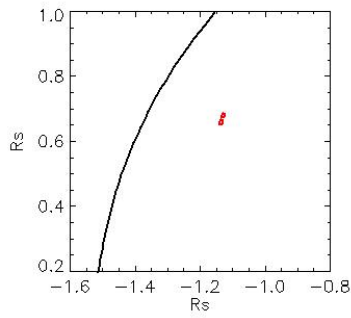
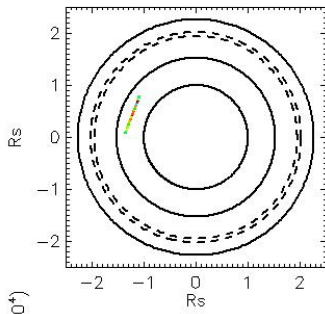
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_13_54

Observation Duration:
55 S

Integration time = 55 S



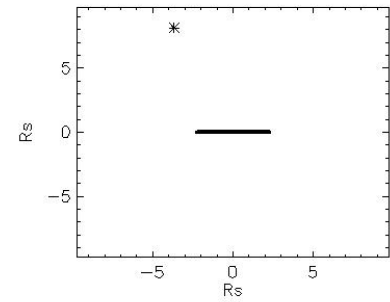
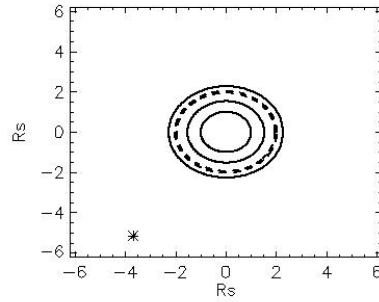
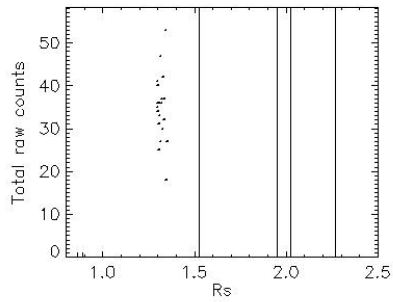
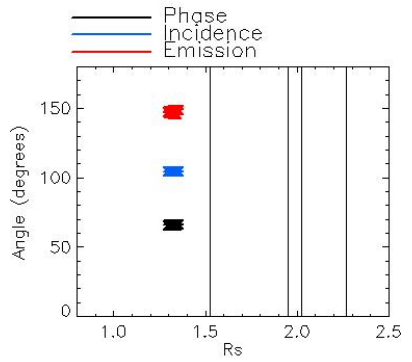
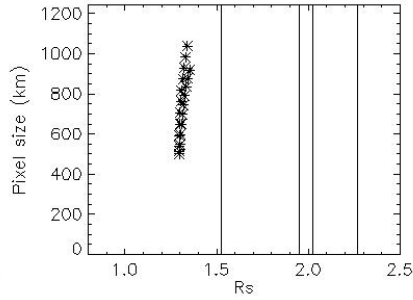
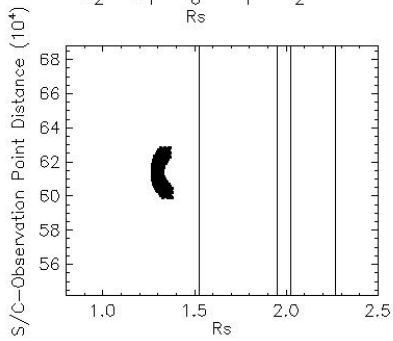


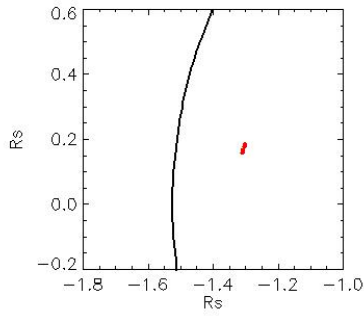
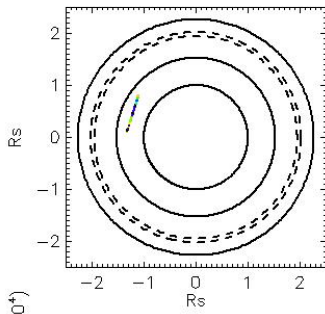
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_15_54

Observation Duration:
55 S

Integration time = 55 S



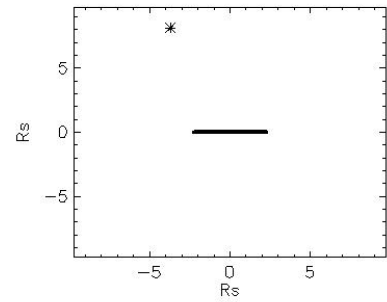
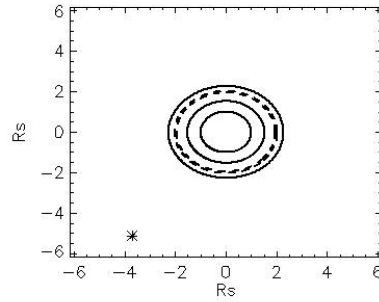
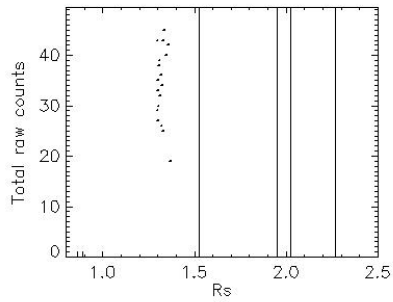
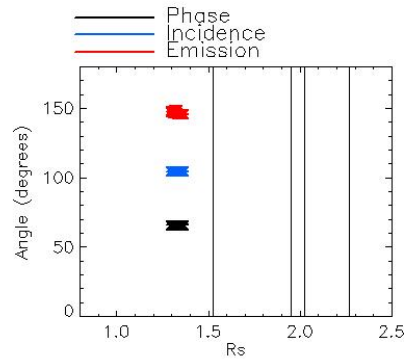
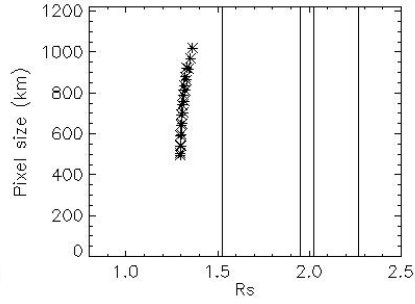
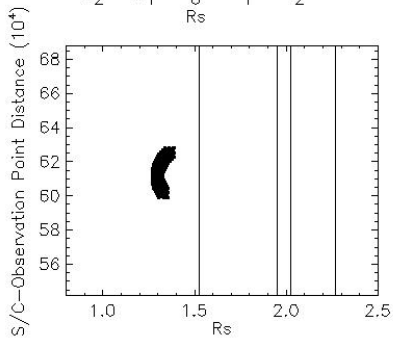


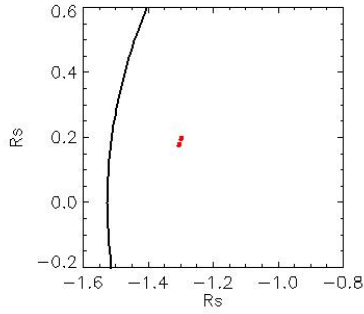
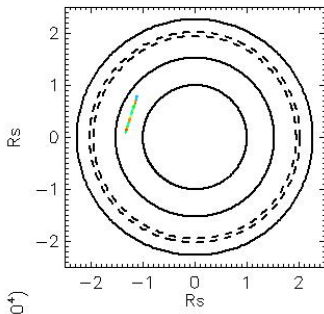
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_19_30

Observation Duration:
55 S

Integration time = 55 S



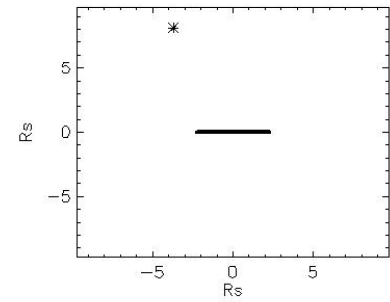
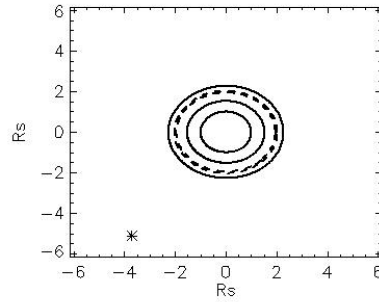
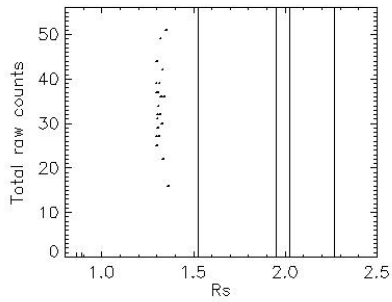
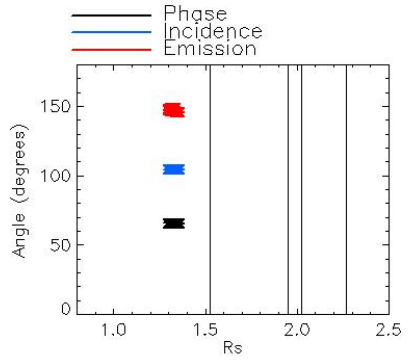
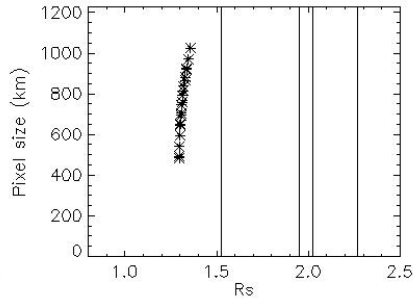
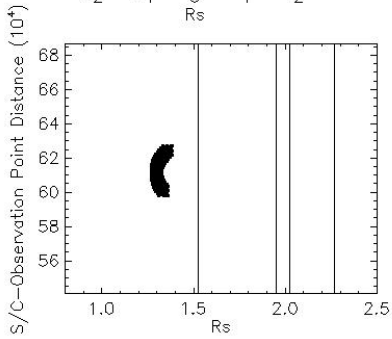


Observation Name:
UMS_036RLAZSCNLOPH001_ISS

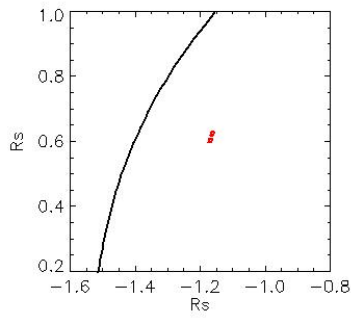
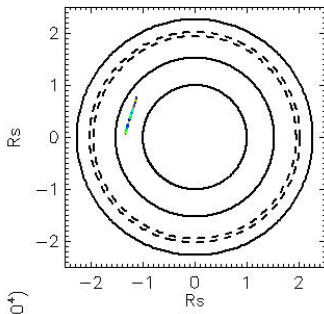
Observation Date:
2006_364_20_21_30

Observation Duration:
55 S

Integration time = 55 S



— Phase
— Incidence
— Emission

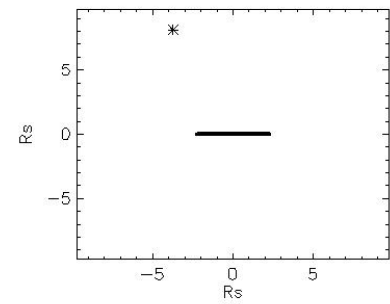
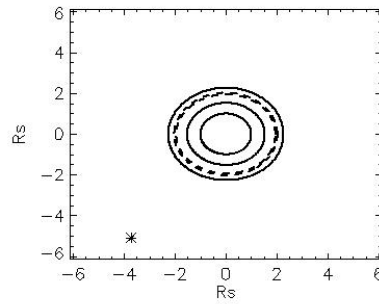
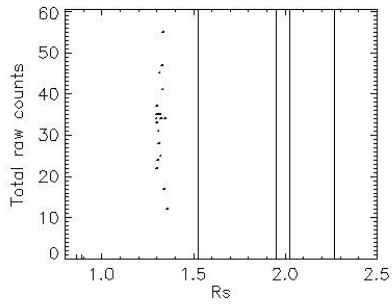
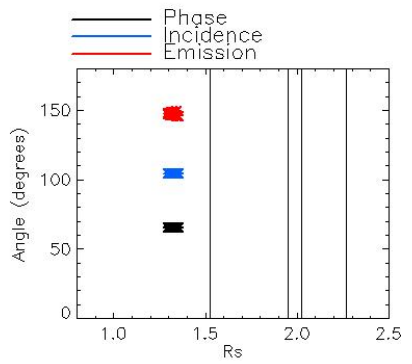
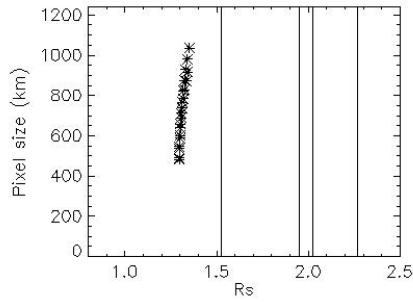
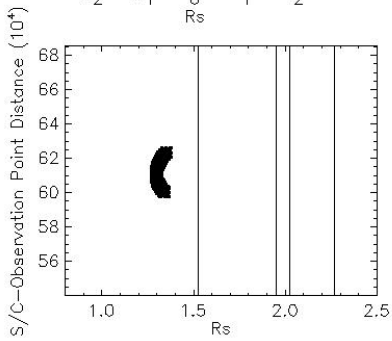


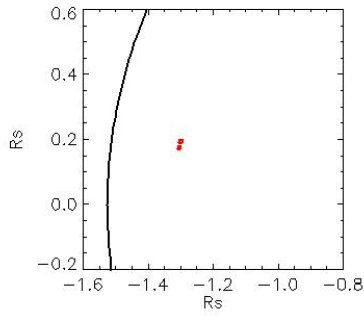
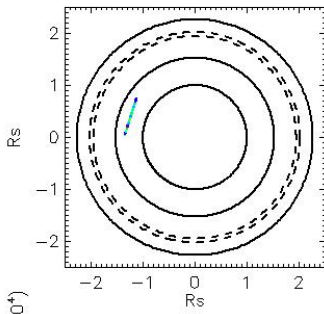
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_23_30

Observation Duration:
55 S

Integration time = 55 S



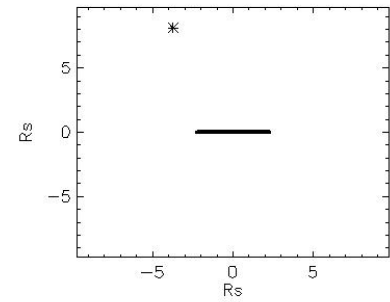
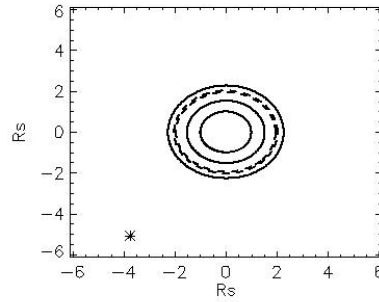
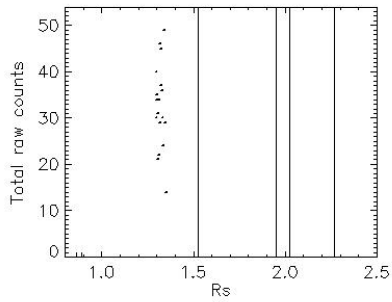
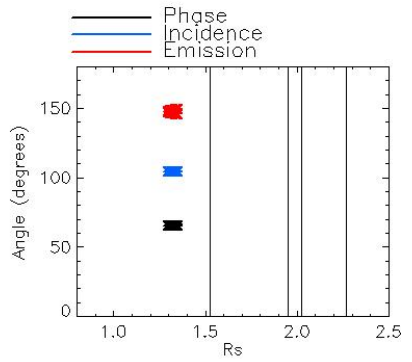
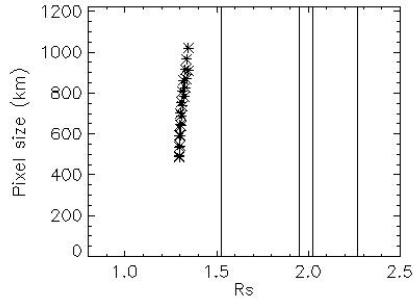
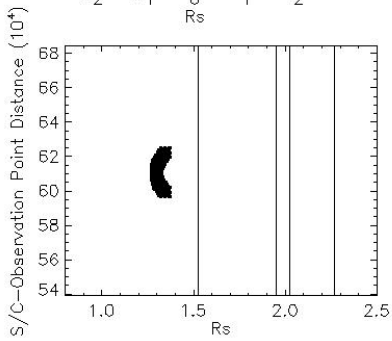


Observation Name:
UMS_036RLAZSCNLOPH001_ISS

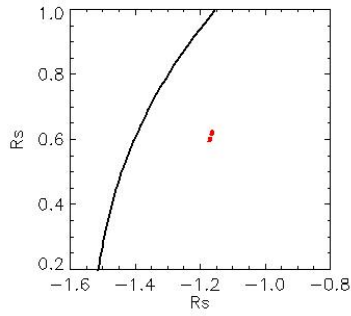
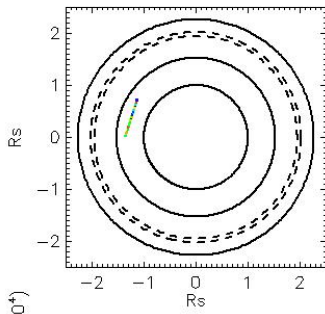
Observation Date:
2006_364_20_25_30

Observation Duration:
55 S

Integration time = 55 S



— Phase
— Incidence
— Emission

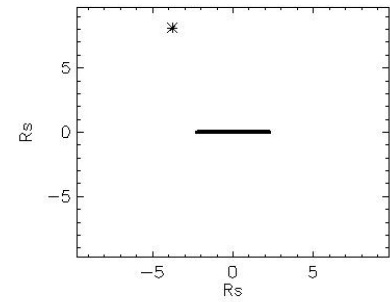
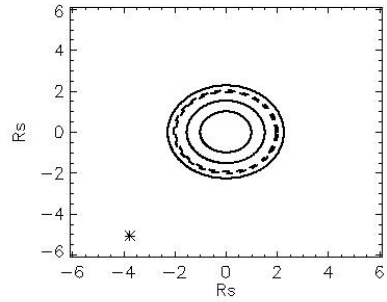
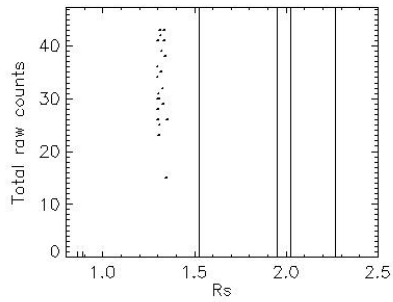
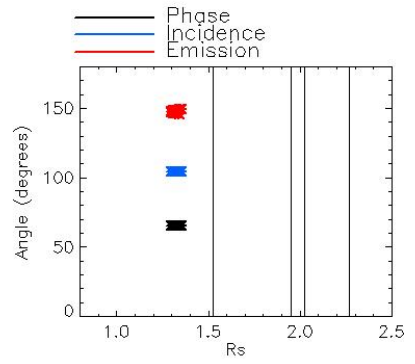
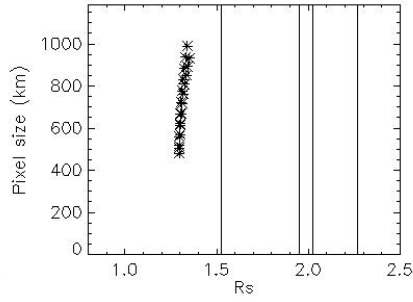
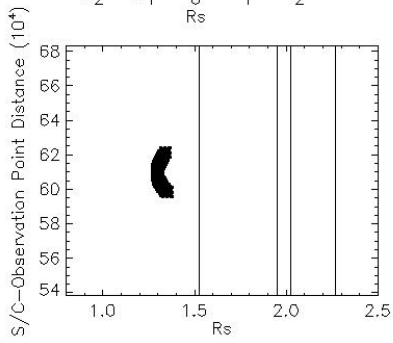


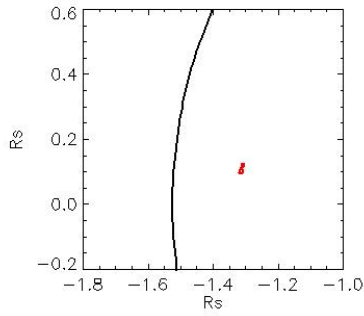
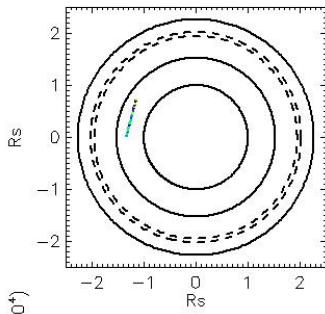
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_27_30

Observation Duration:
55 S

Integration time = 55 S



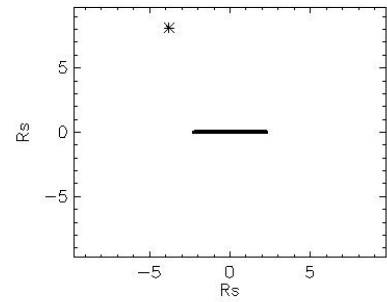
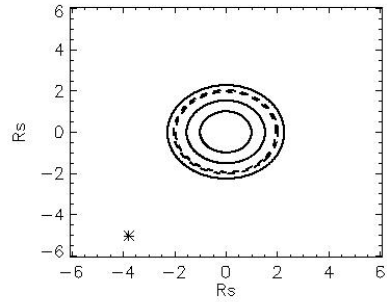
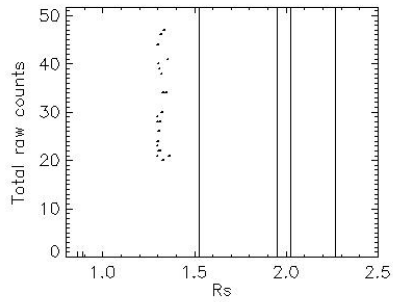
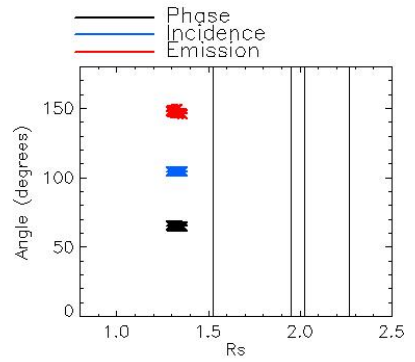
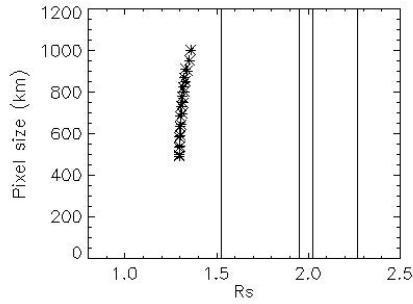
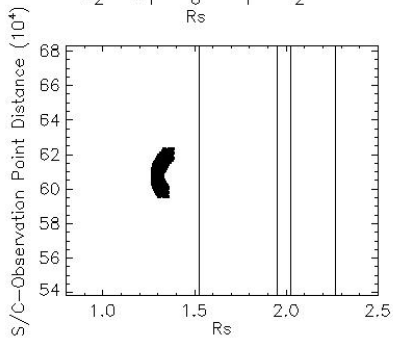


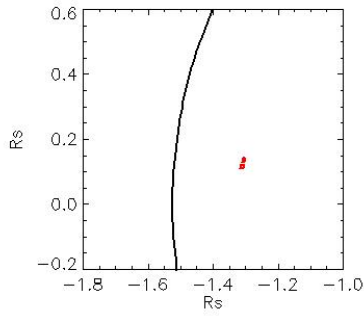
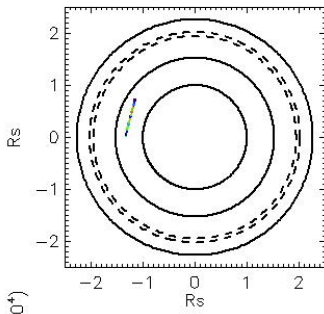
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_31_02

Observation Duration:
55 S

Integration time = 55 S



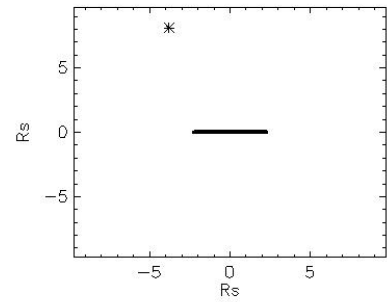
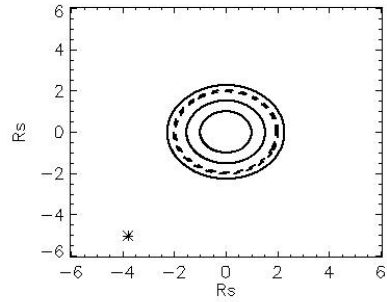
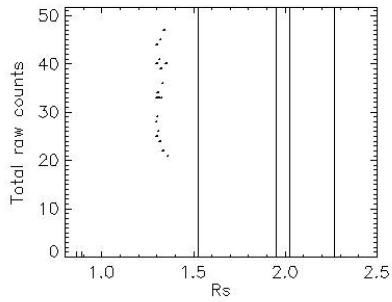
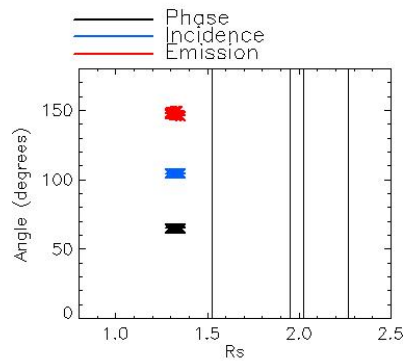
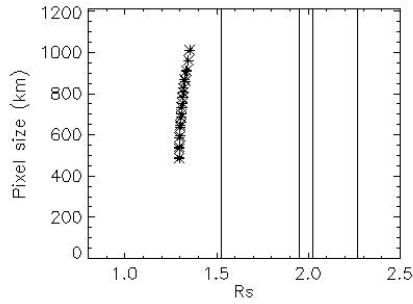
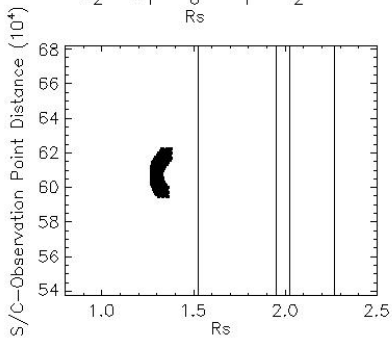


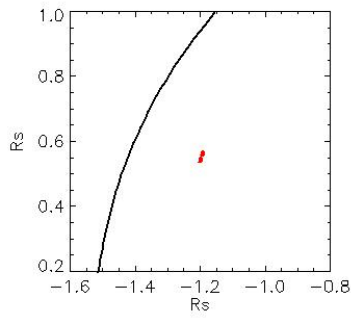
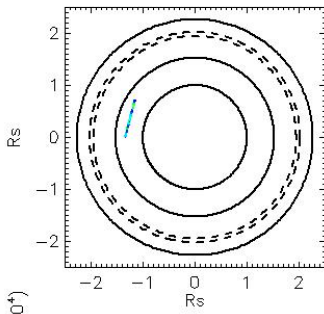
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_33_02

Observation Duration:
55 S

Integration time = 55 S



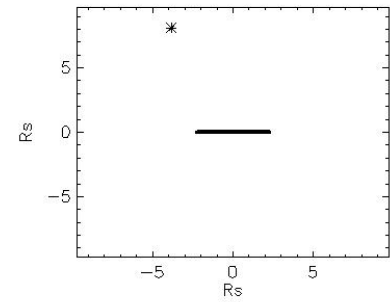
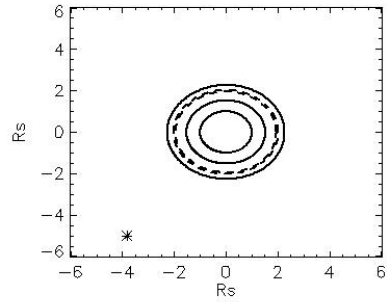
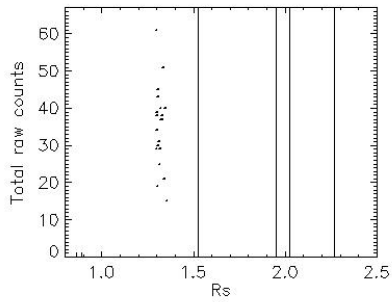
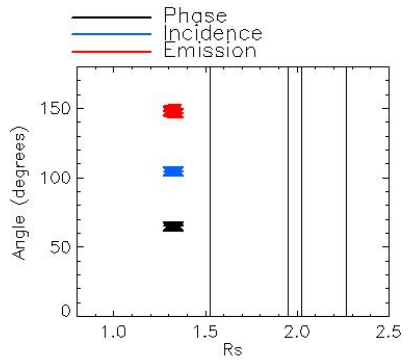
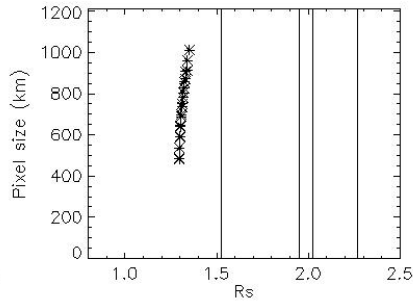
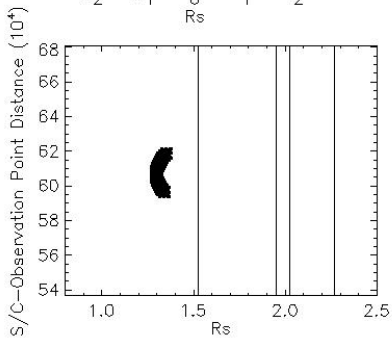


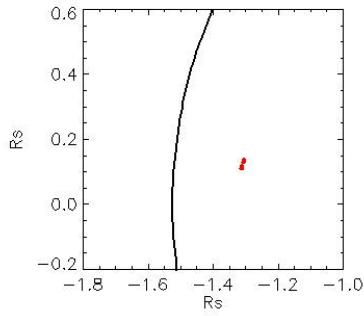
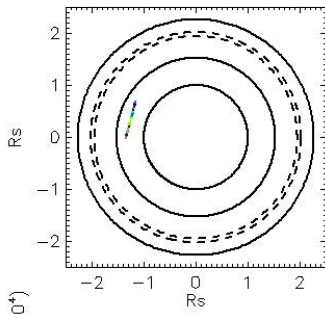
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_35_02

Observation Duration:
55 S

Integration time = 55 S



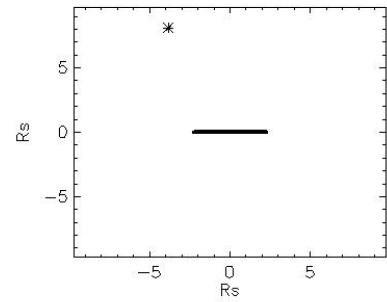
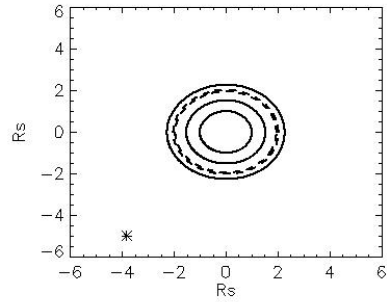
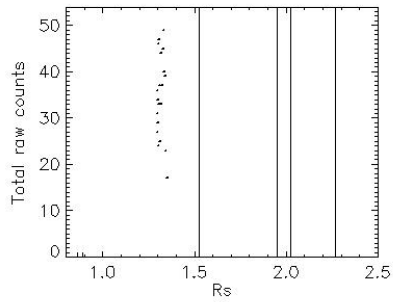
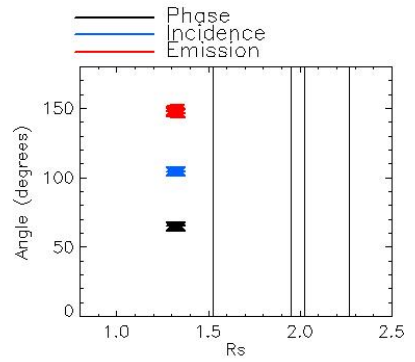
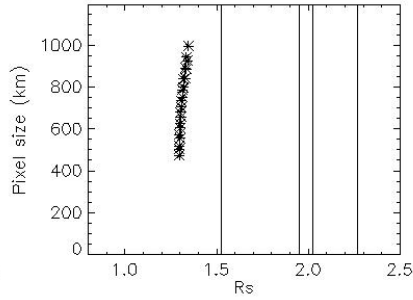
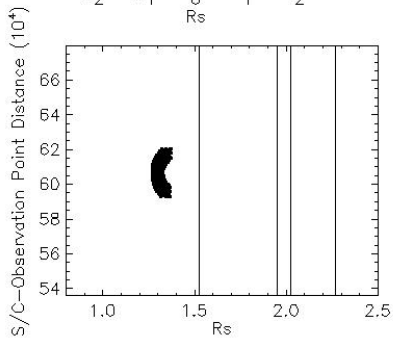


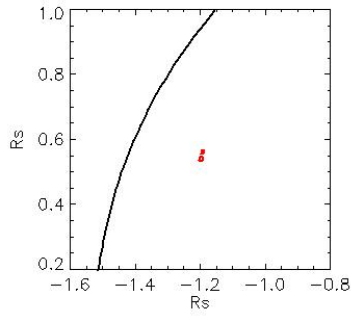
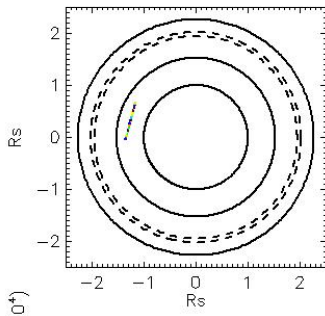
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_37_02

Observation Duration:
55 S

Integration time = 55 S



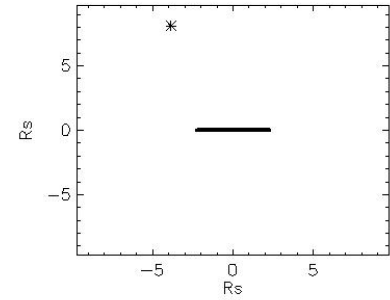
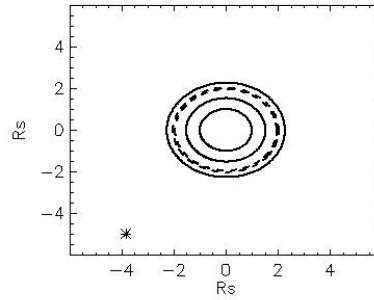
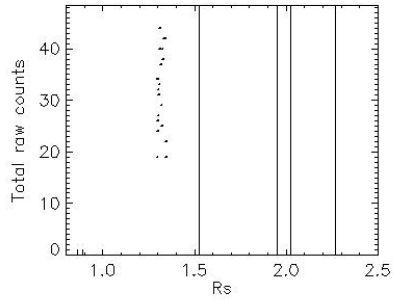
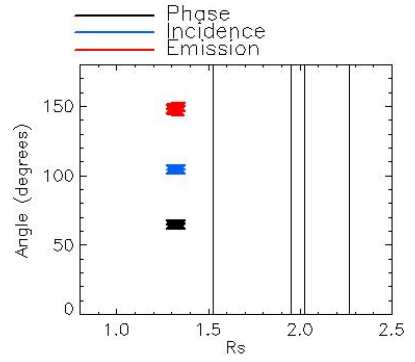
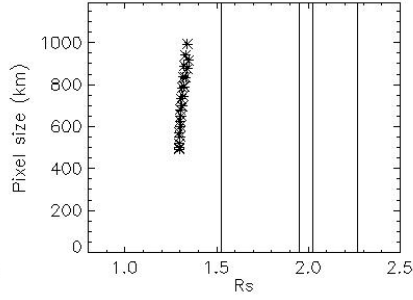
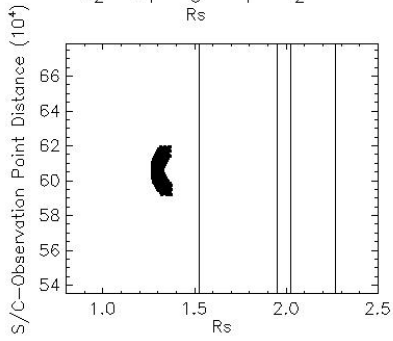


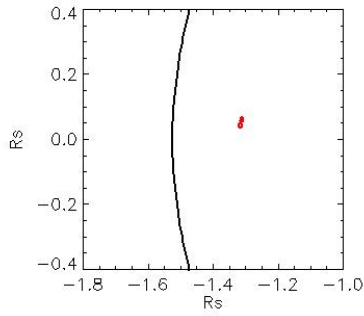
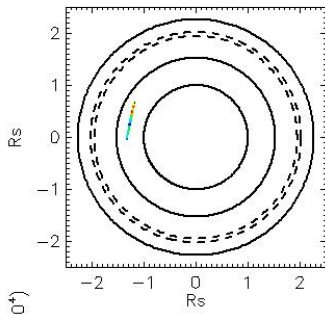
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_39_02

Observation Duration:
55 S

Integration time = 55 S



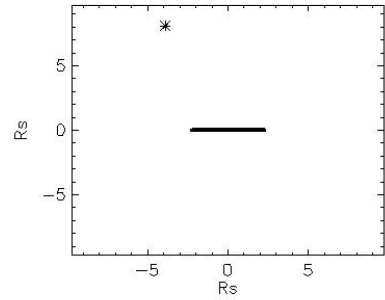
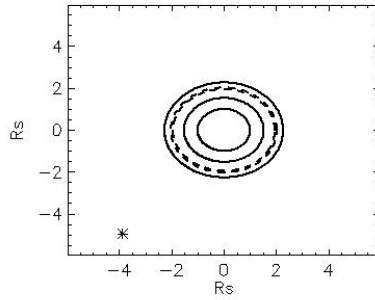
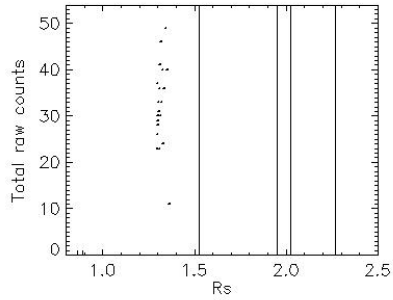
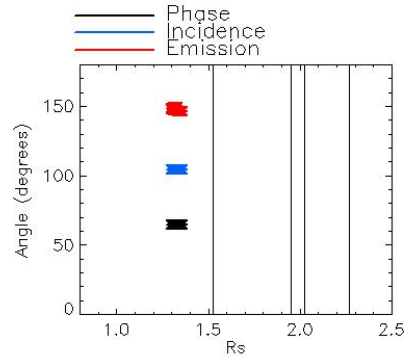
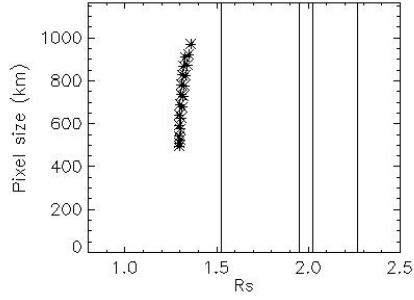
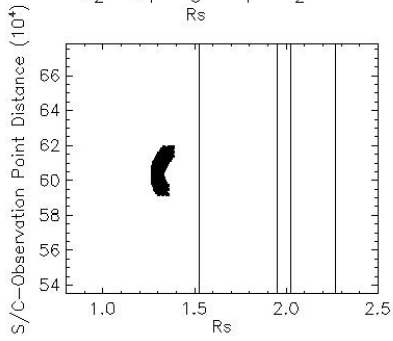


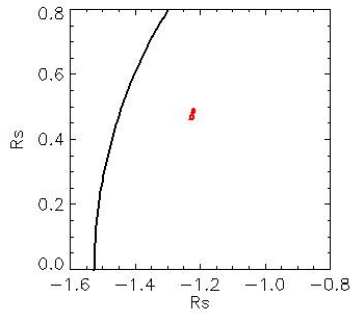
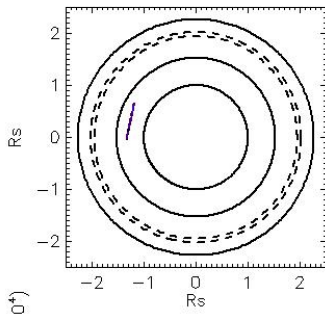
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_42_31

Observation Duration:
55 S

Integration time = 55 S



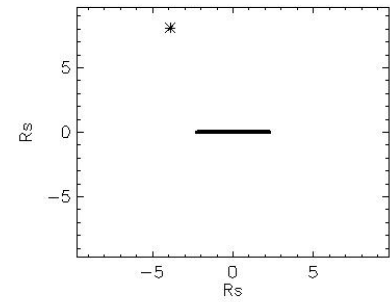
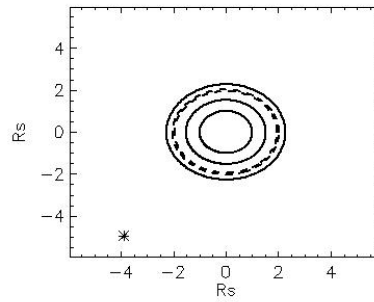
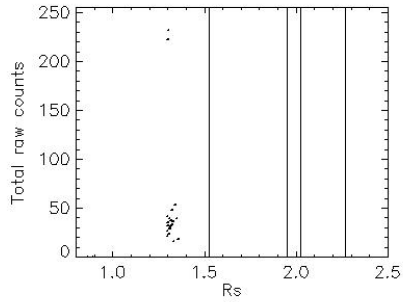
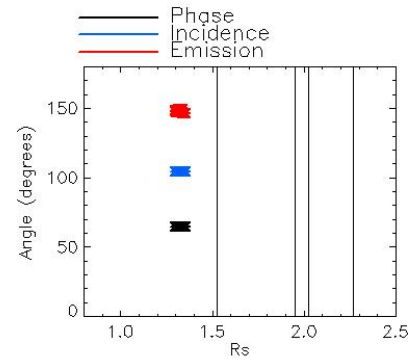
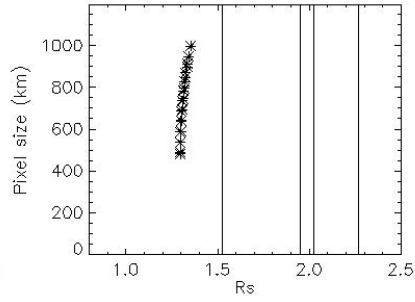
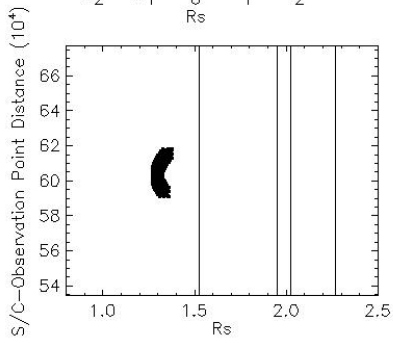


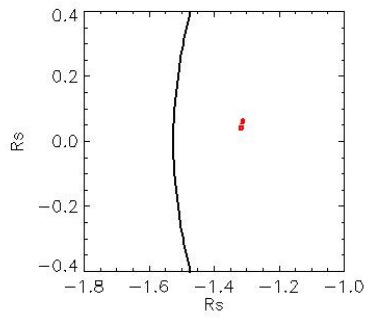
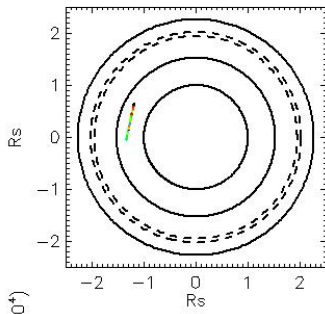
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_44_31

Observation Duration:
55 S

Integration time = 55 S



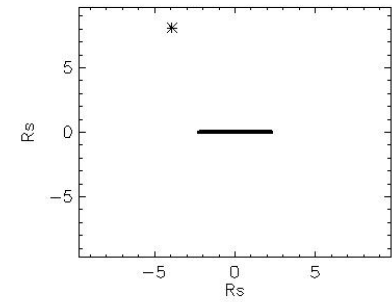
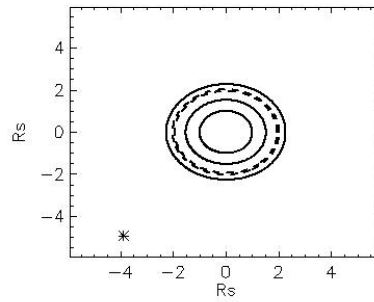
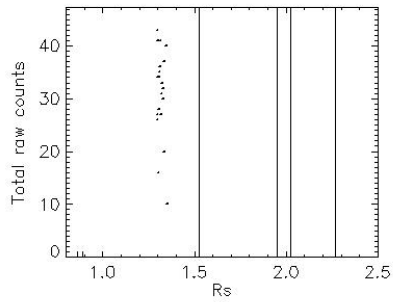
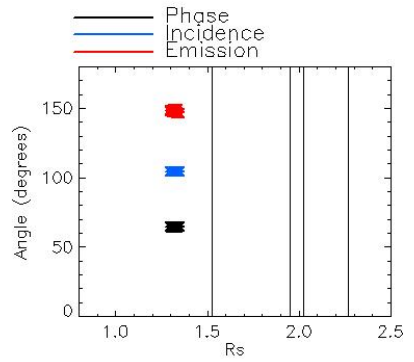
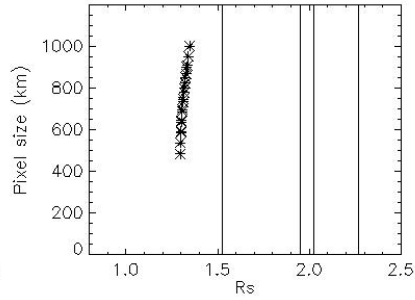
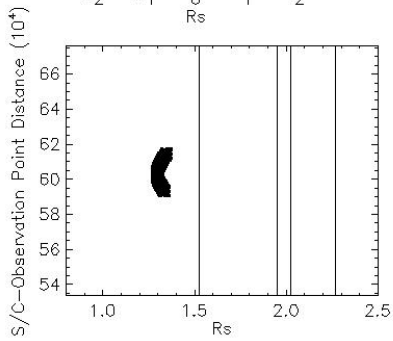


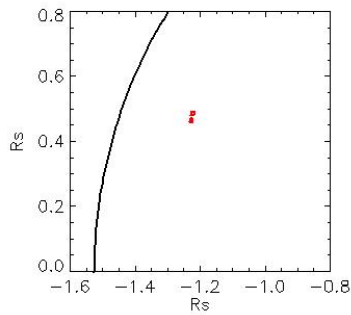
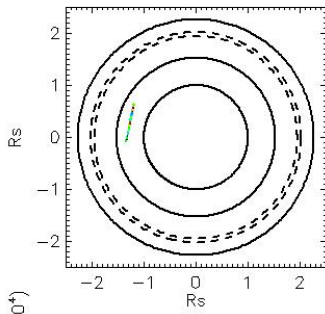
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_46_31

Observation Duration:
55 S

Integration time = 55 S



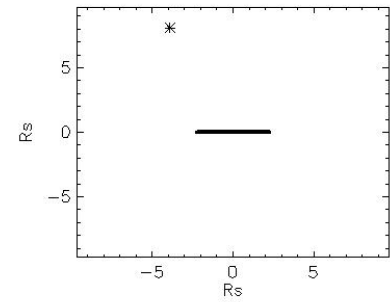
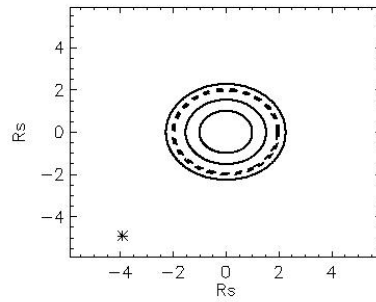
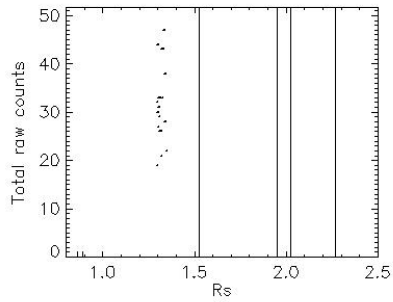
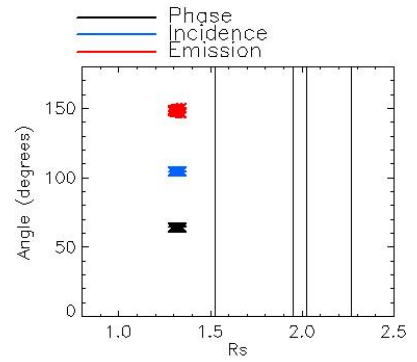
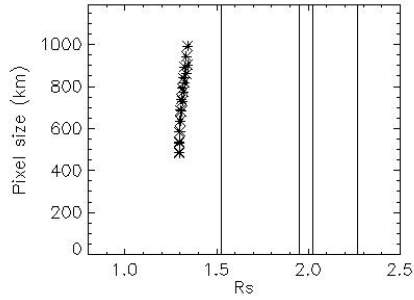
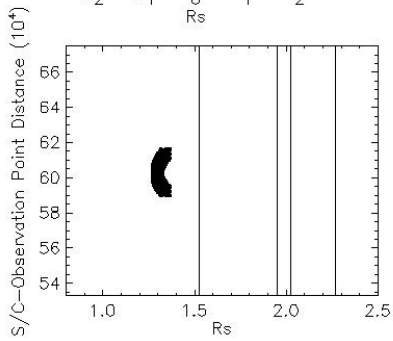


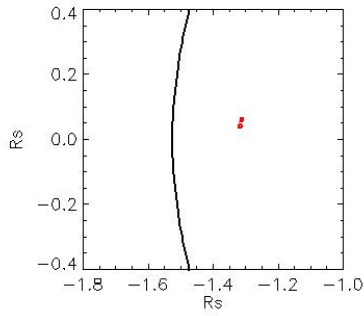
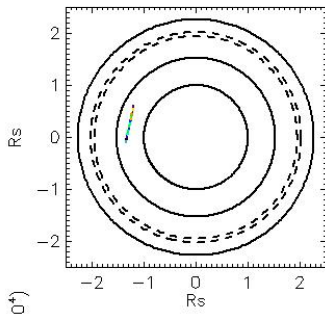
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_48_31

Observation Duration:
55 S

Integration time = 55 S



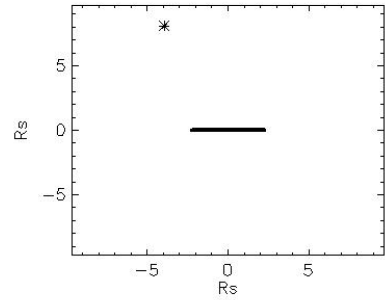
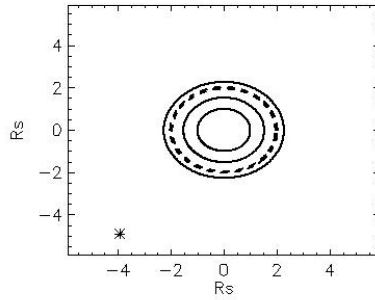
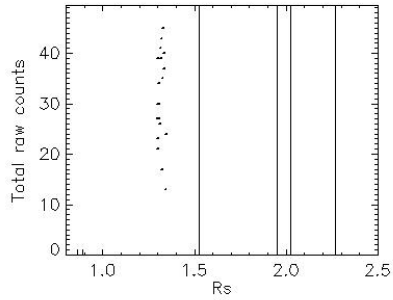
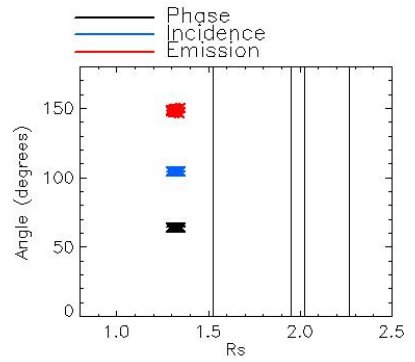
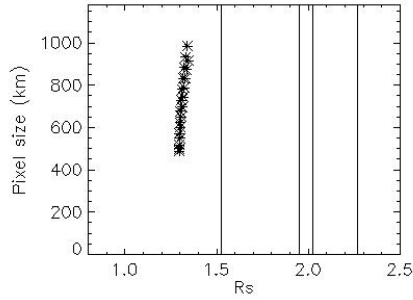
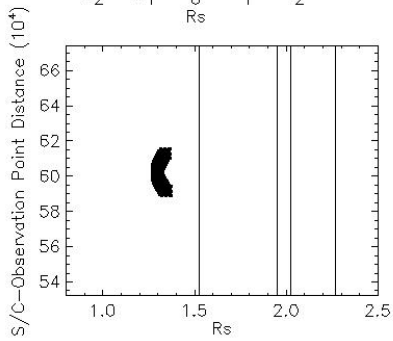


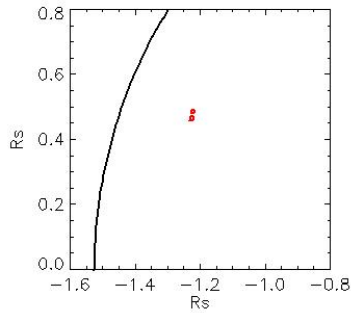
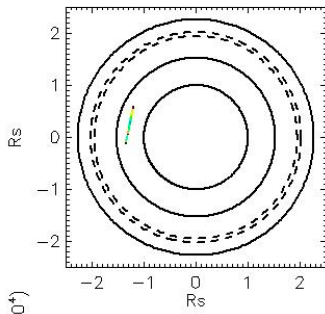
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_50_31

Observation Duration:
55 S

Integration time = 55 S



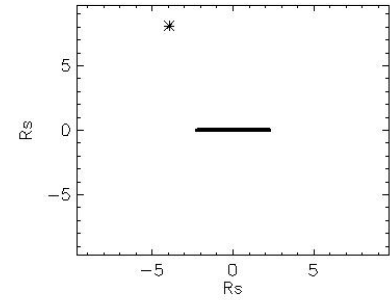
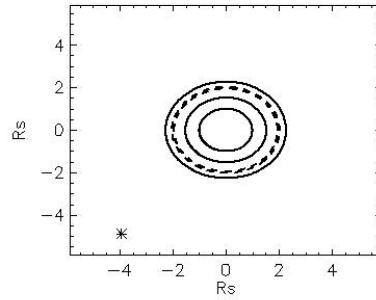
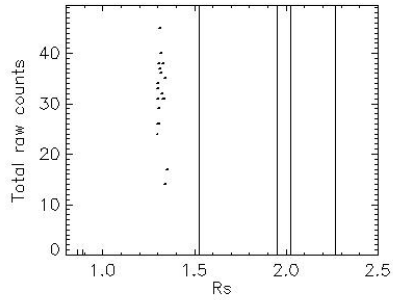
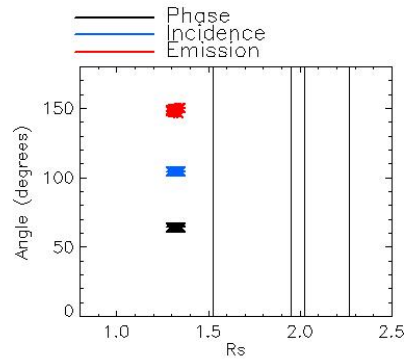
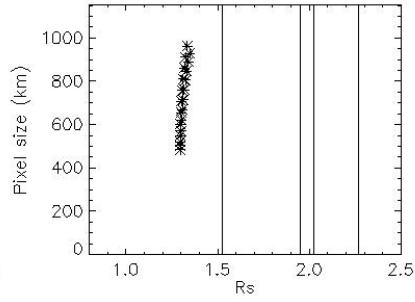
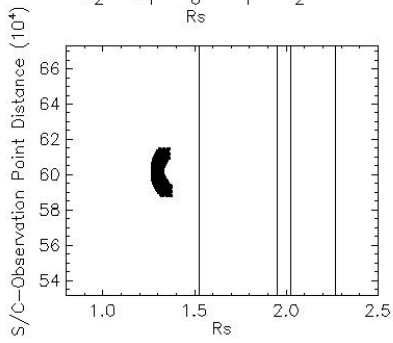


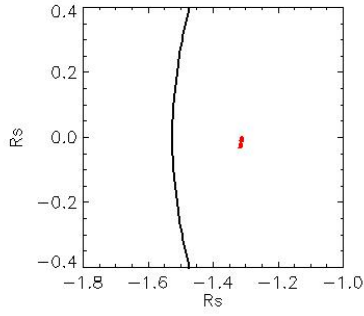
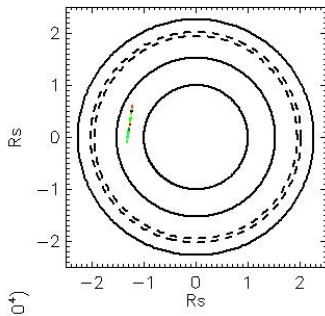
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_52_31

Observation Duration:
55 S

Integration time = 55 S



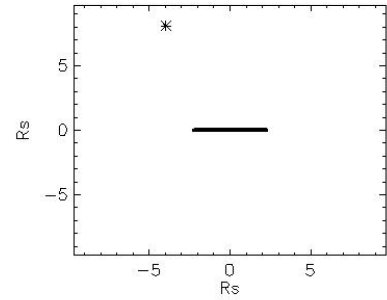
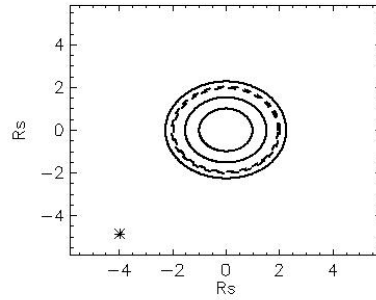
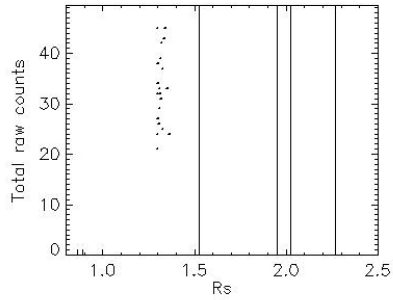
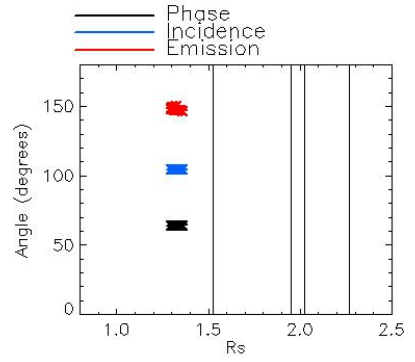
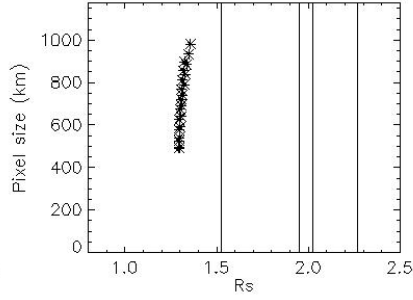
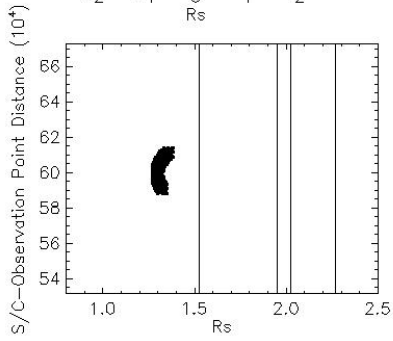


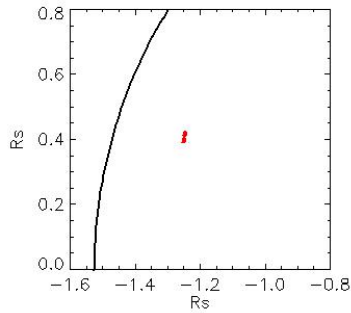
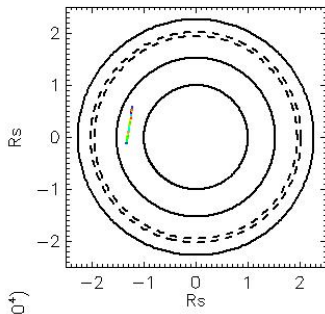
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_56_08

Observation Duration:
55 S

Integration time = 55 S



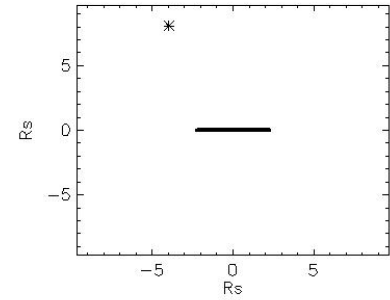
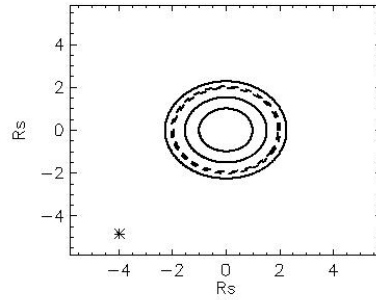
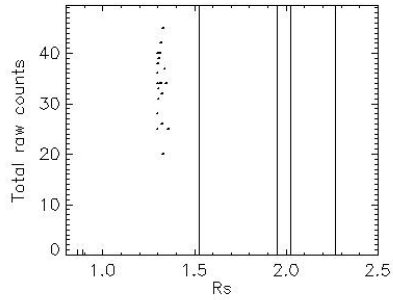
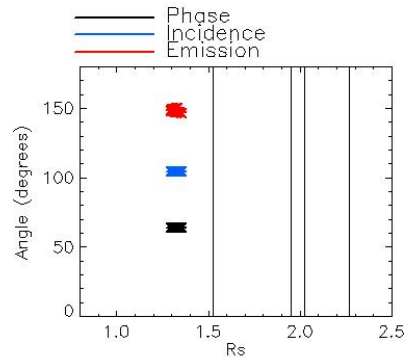
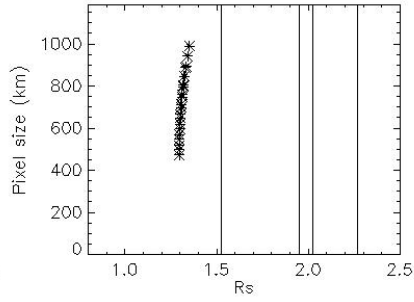
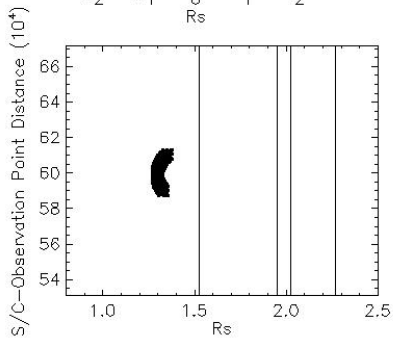


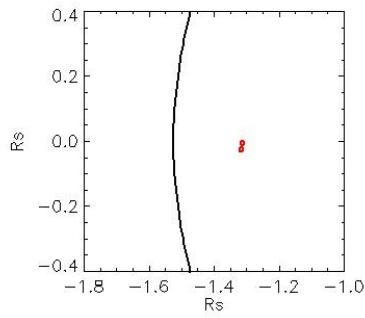
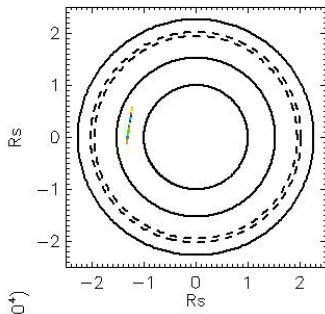
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_20_58_08

Observation Duration:
55 S

Integration time = 55 S



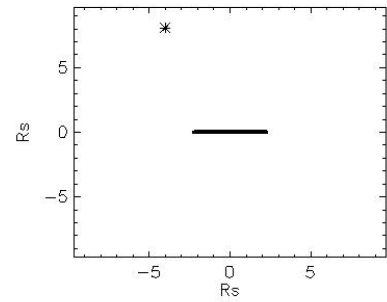
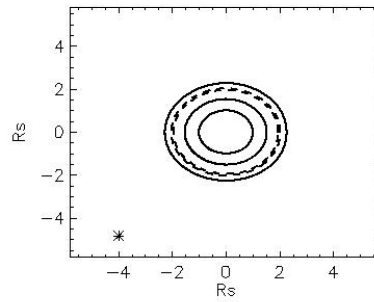
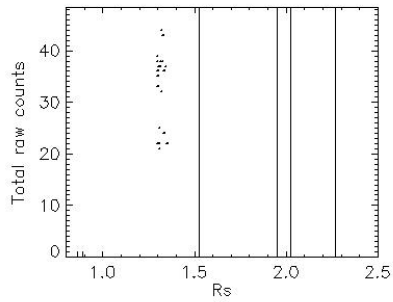
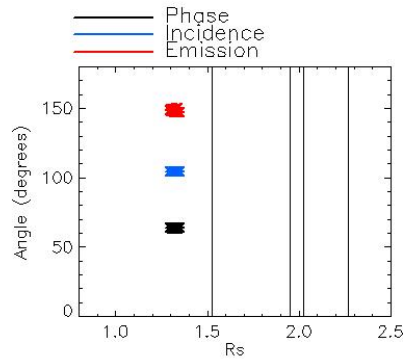
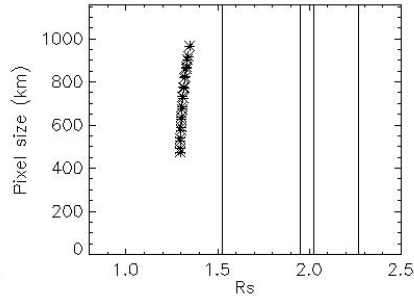
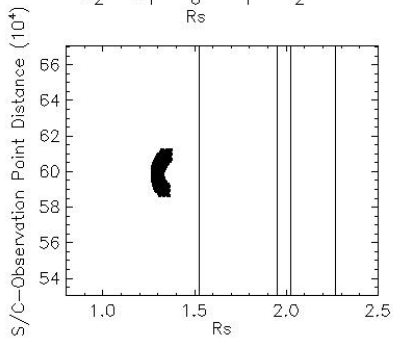


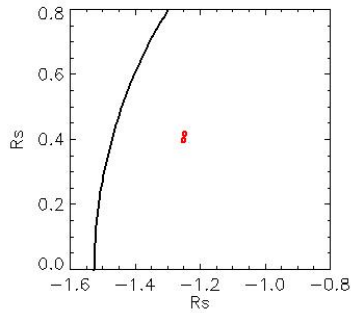
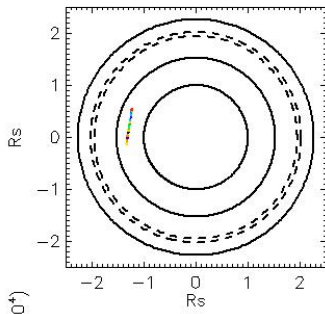
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_00_08

Observation Duration:
55 S

Integration time = 55 S



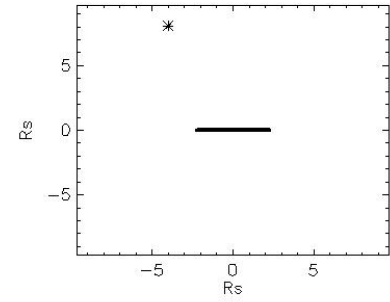
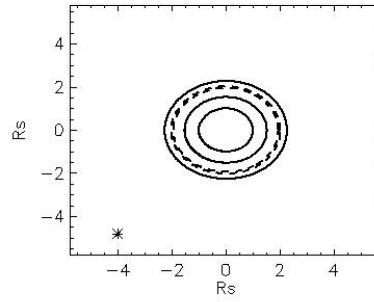
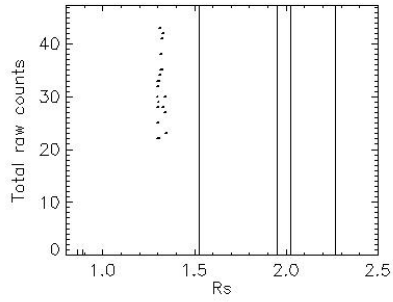
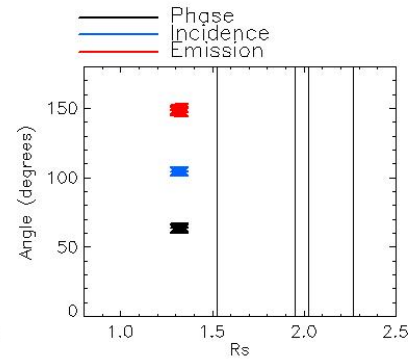
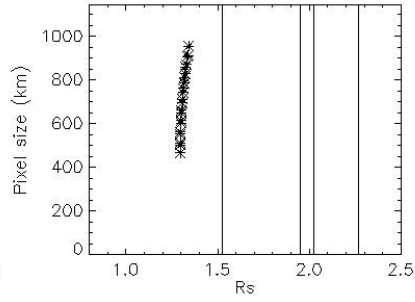
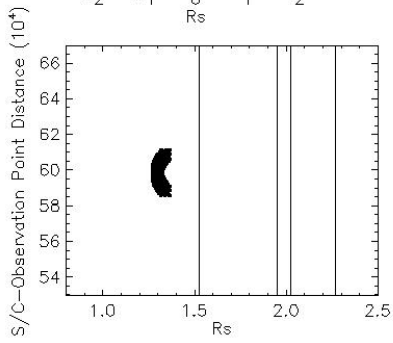


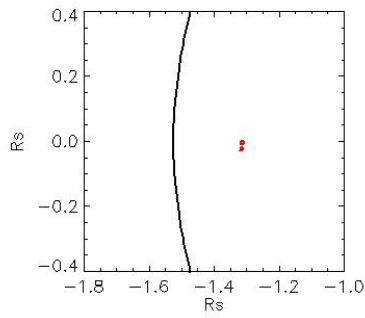
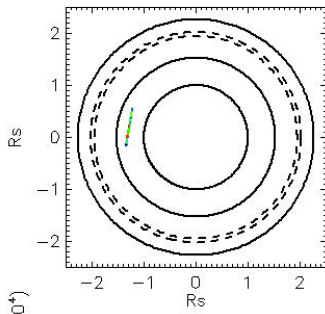
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_02_08

Observation Duration:
55 S

Integration time = 55 S



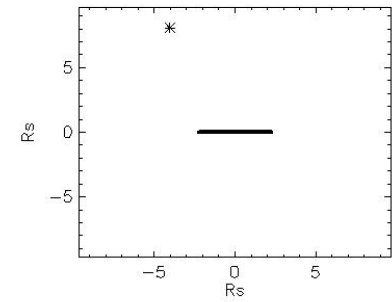
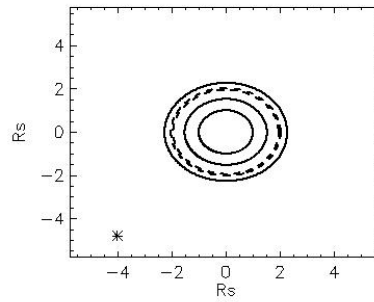
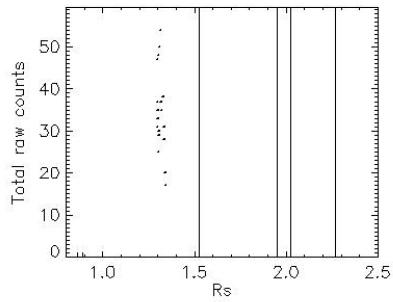
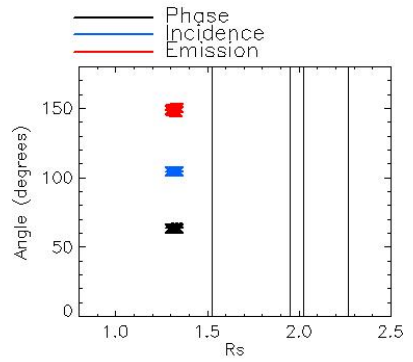
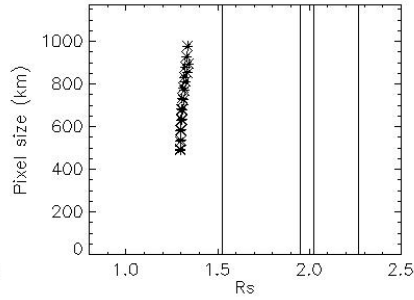
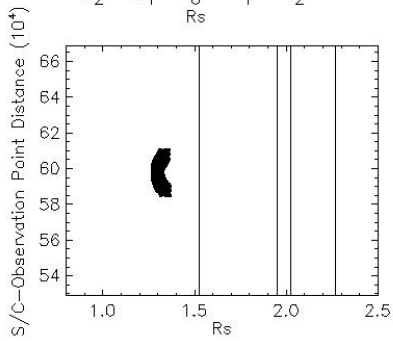


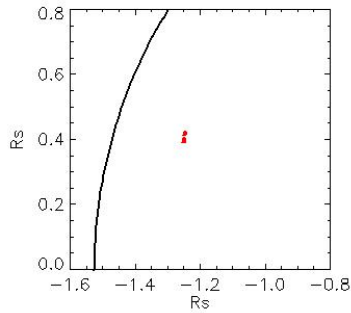
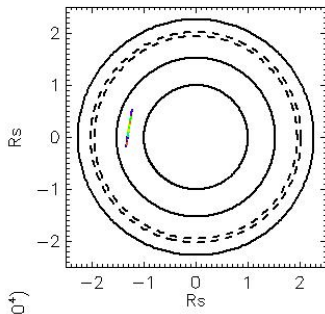
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_04_08

Observation Duration:
55 S

Integration time = 55 S



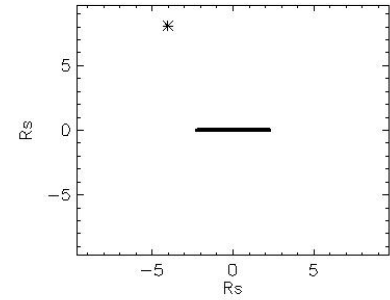
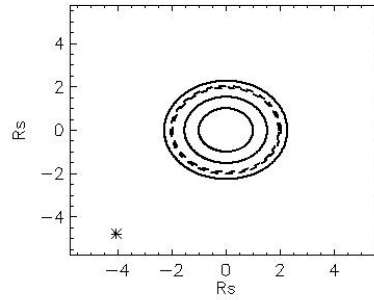
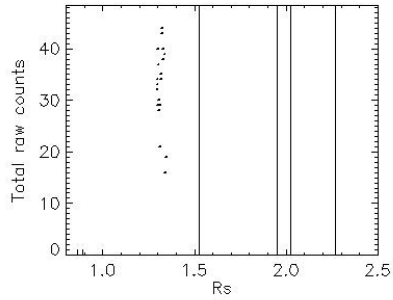
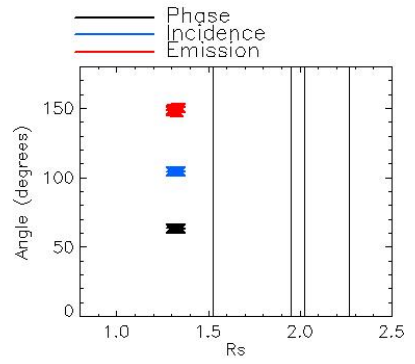
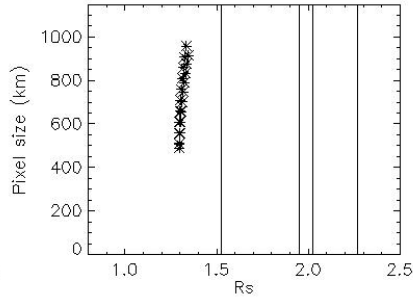
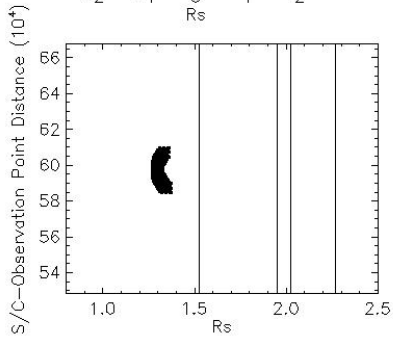


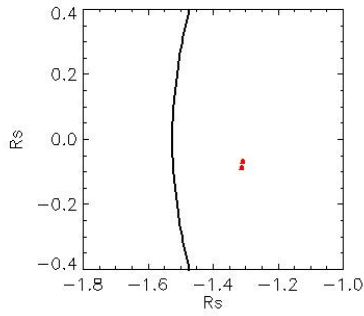
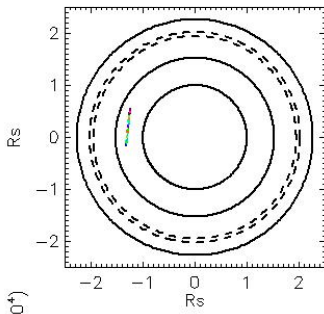
Observation Name:
UWS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_06_08

Observation Duration:
55 S

Integration time = 55 S



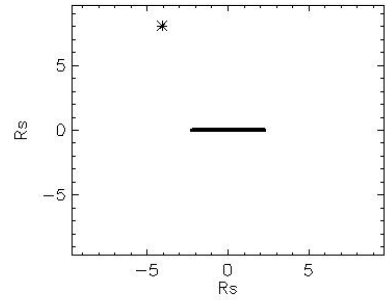
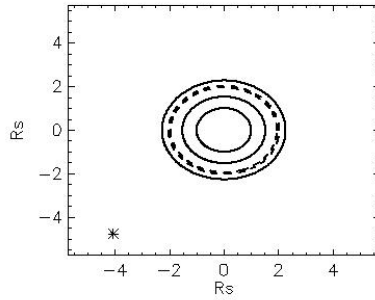
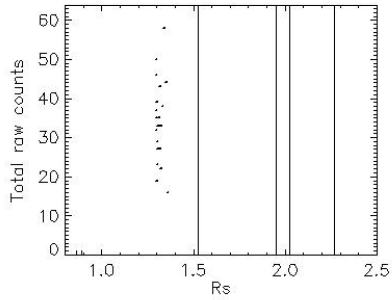
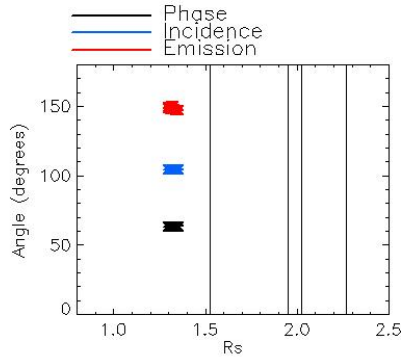
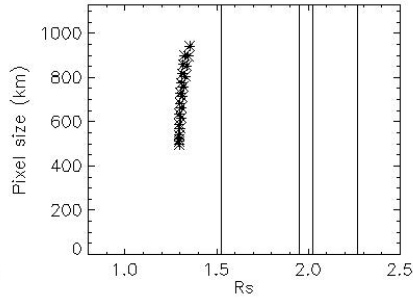
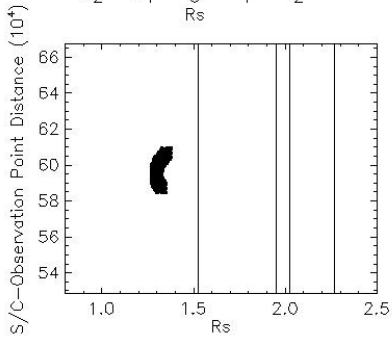


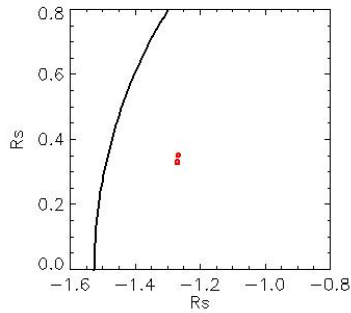
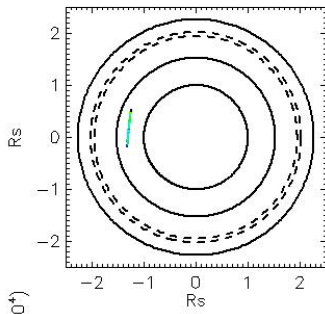
Observation Name:
UWS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_09_40

Observation Duration:
55 S

Integration time = 55 S



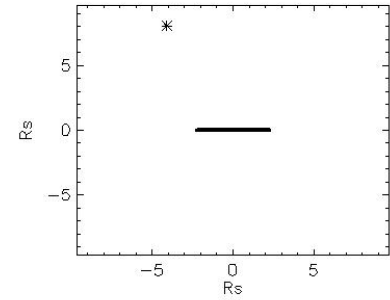
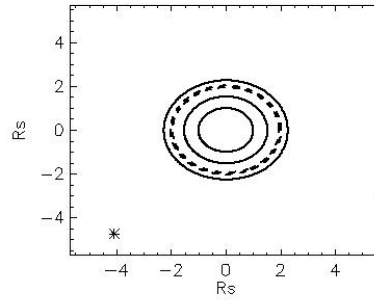
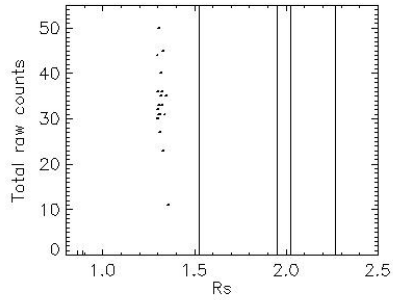
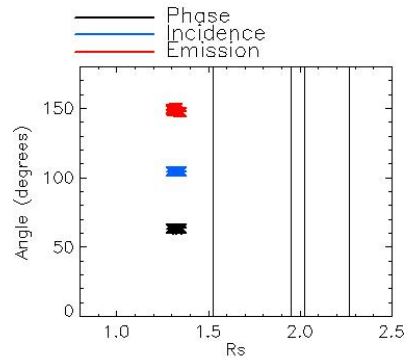
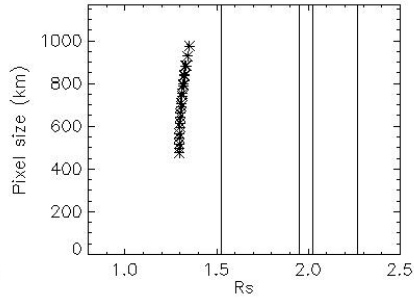
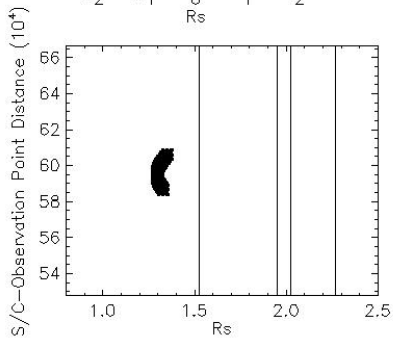


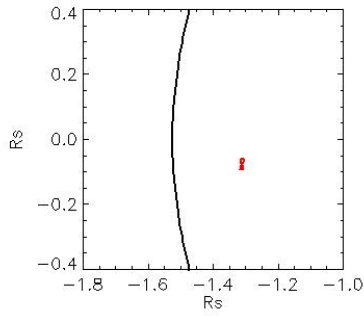
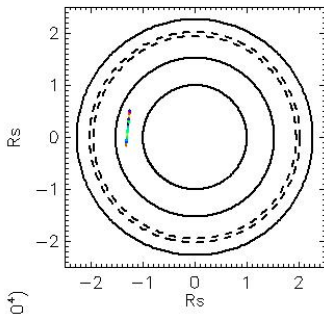
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_11_40

Observation Duration:
55 S

Integration time = 55 S



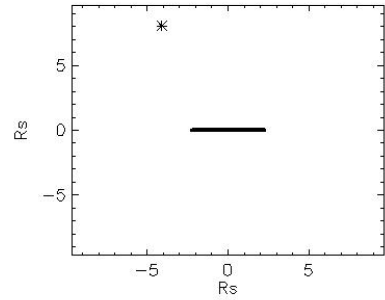
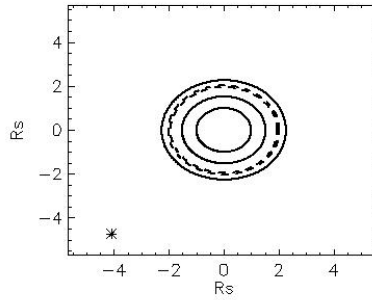
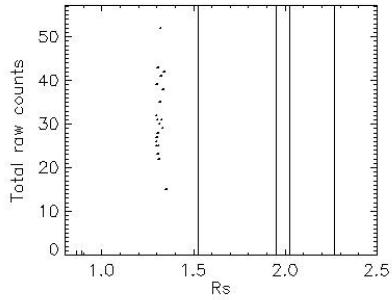
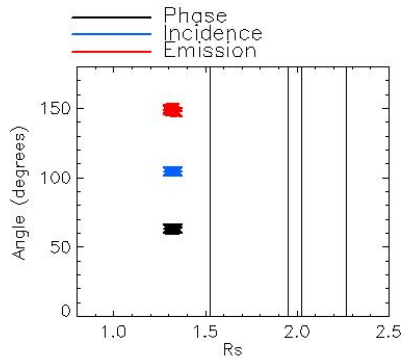
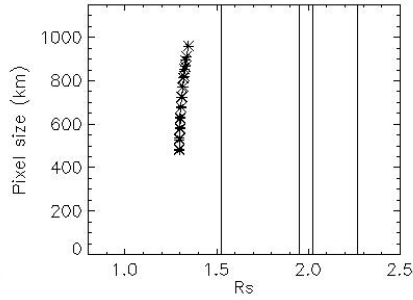
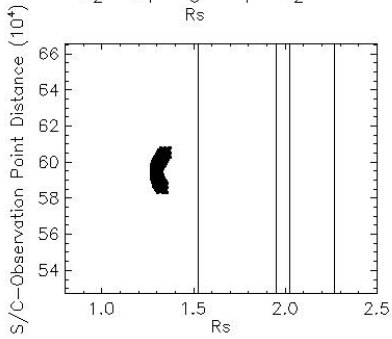


Observation Name:
UWS_036RLAZSCNLOPH001_ISS

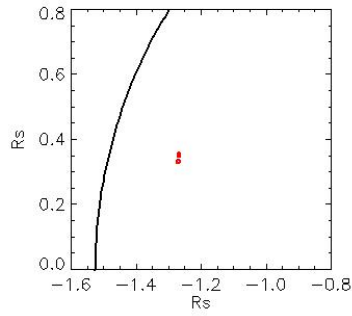
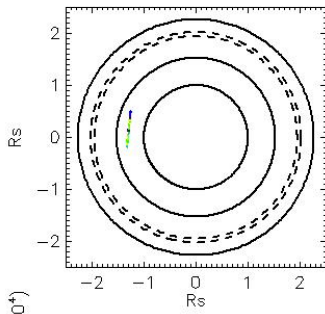
Observation Date:
2006_364_21_13_40

Observation Duration:
55 S

Integration time = 55 S



— Phase
— Incidence
— Emission

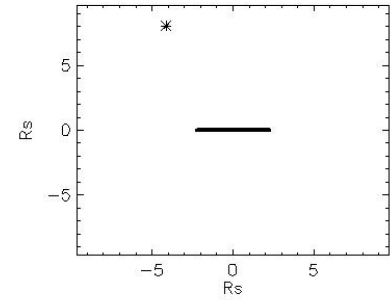
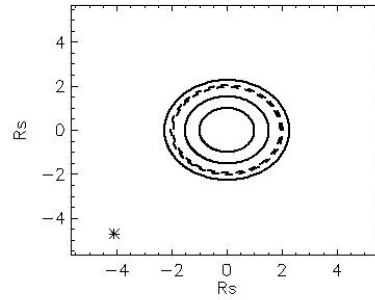
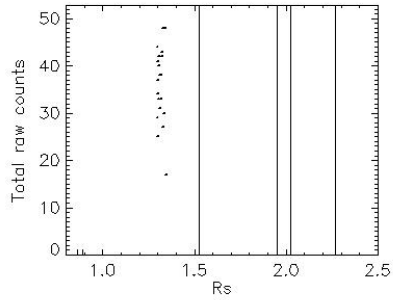
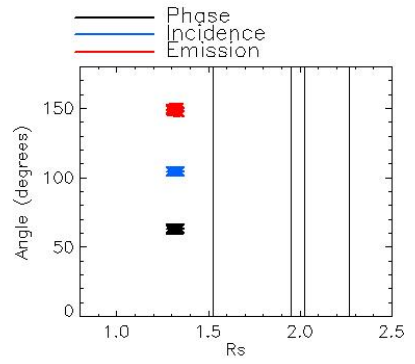
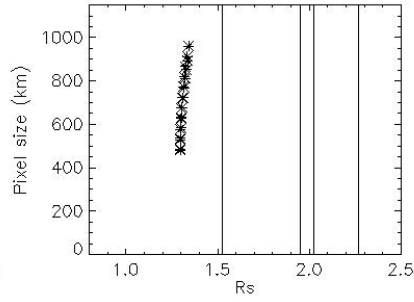
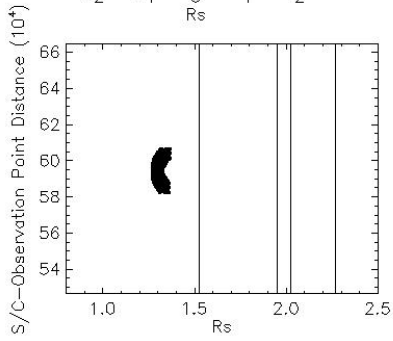


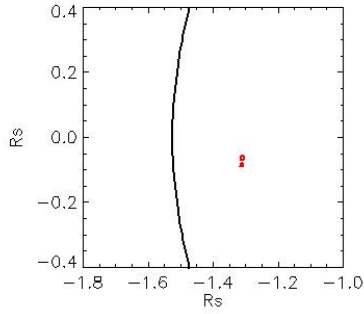
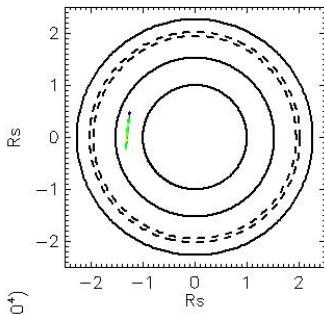
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_15_40

Observation Duration:
55 S

Integration time = 55 S



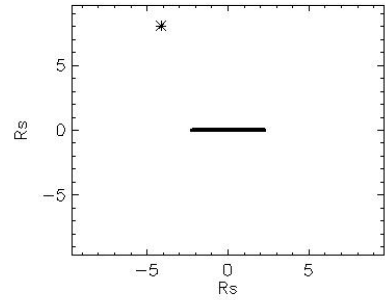
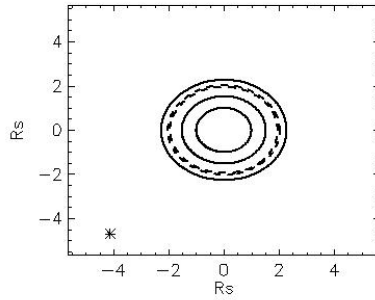
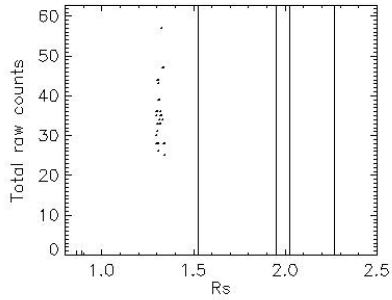
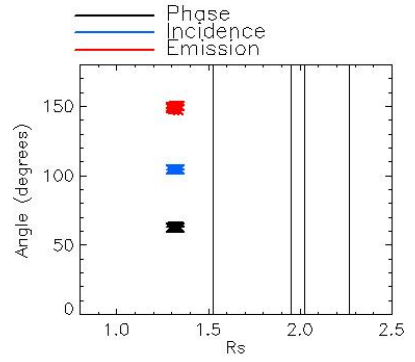
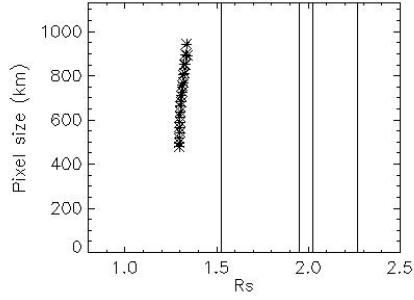
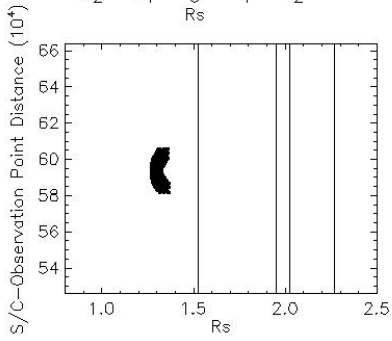


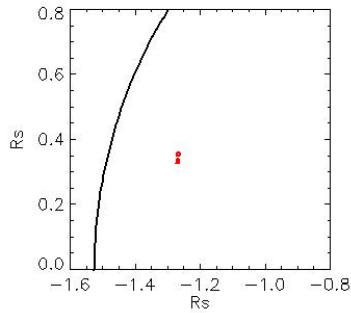
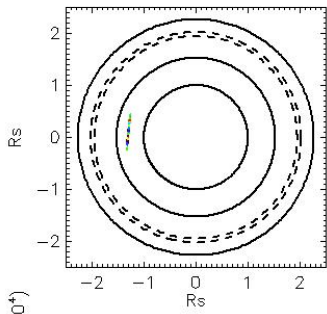
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_17_40

Observation Duration:
55 S

Integration time = 55 S



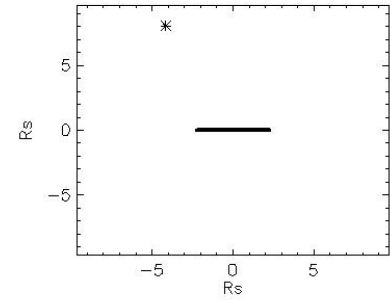
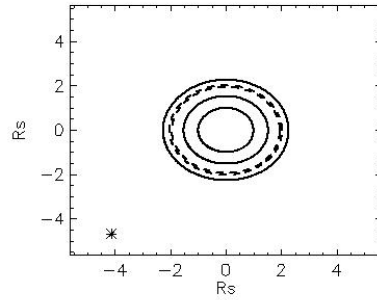
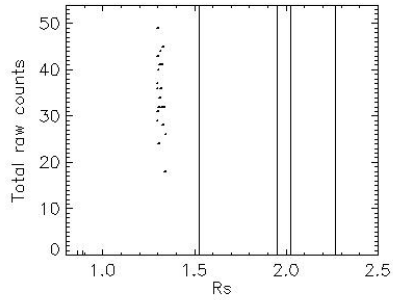
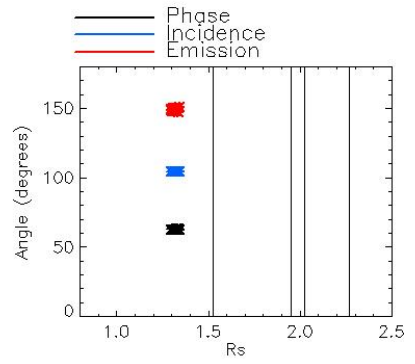
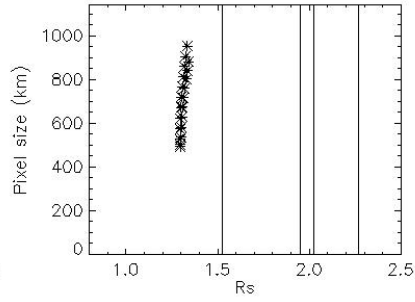
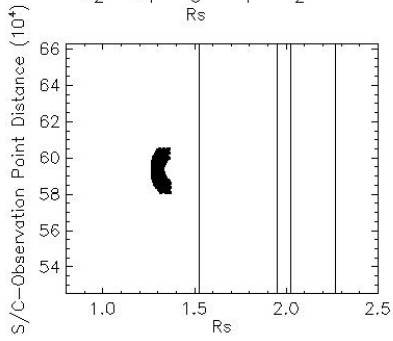


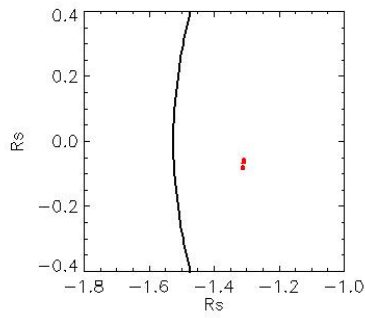
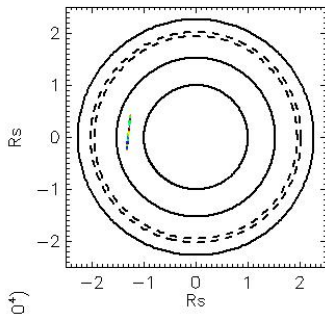
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_19_40

Observation Duration:
55 S

Integration time = 55 S



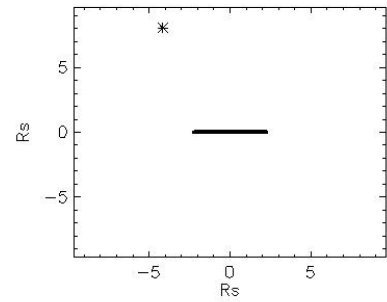
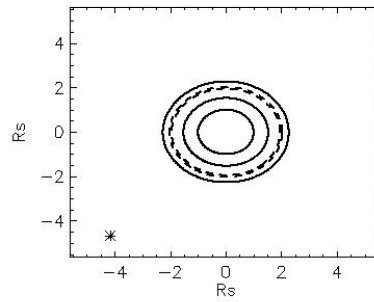
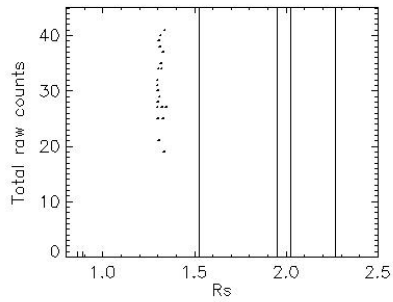
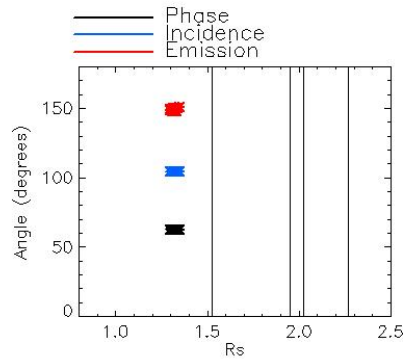
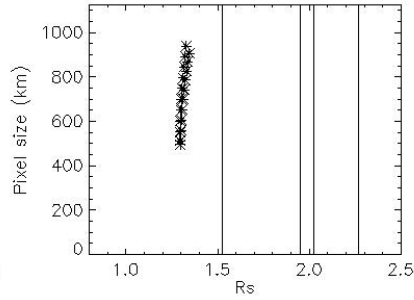
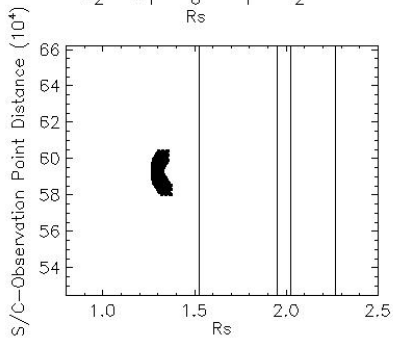


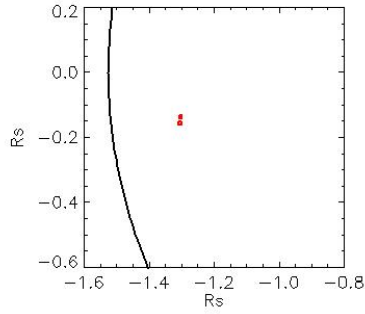
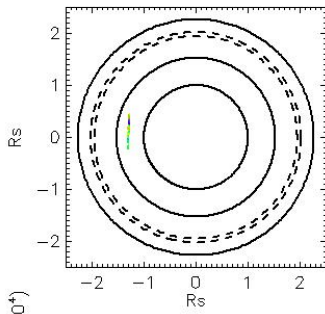
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_21_40

Observation Duration:
55 S

Integration time = 55 S



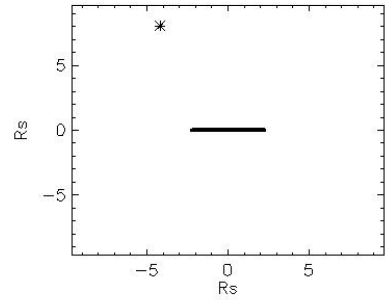
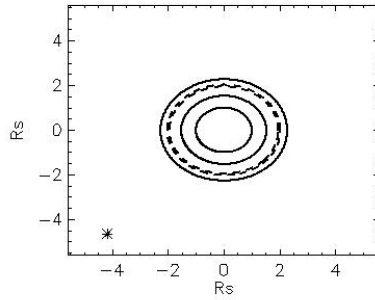
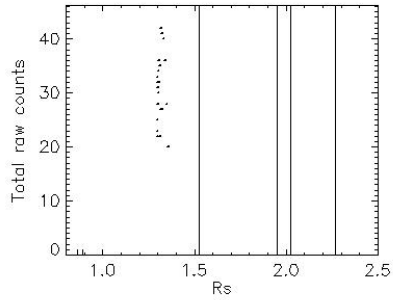
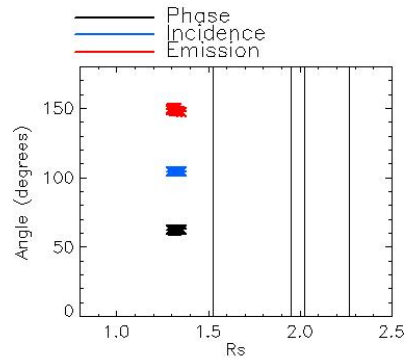
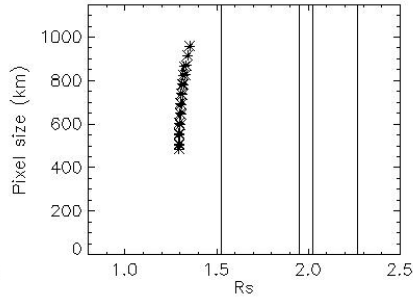
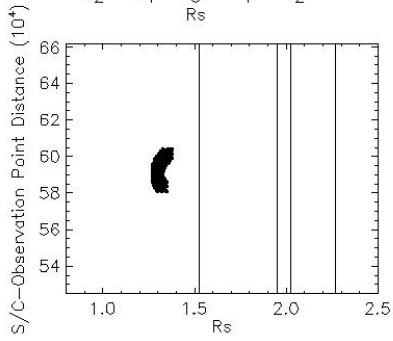


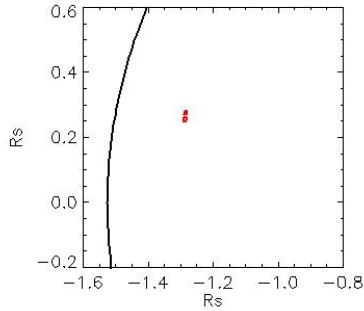
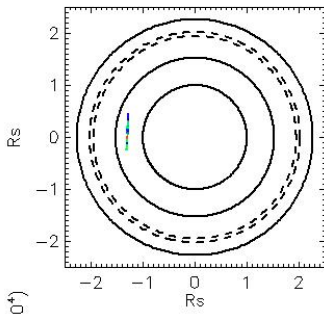
Observation Name:
UVS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_25_17

Observation Duration:
55 S

Integration time = 55 S



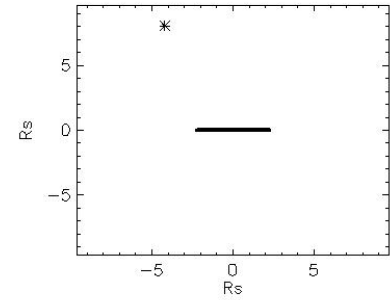
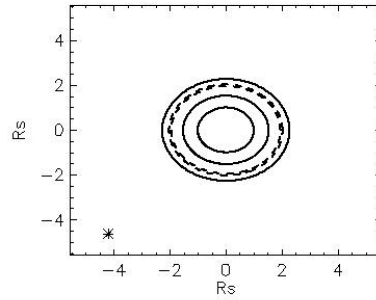
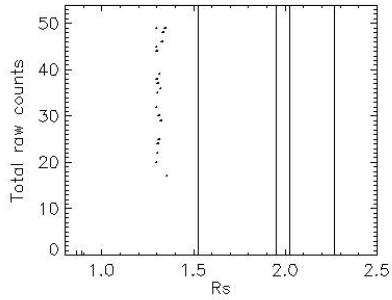
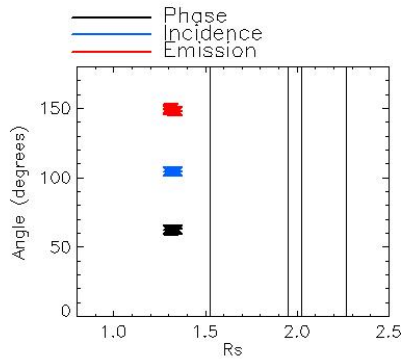
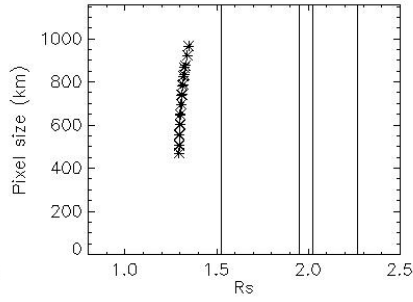
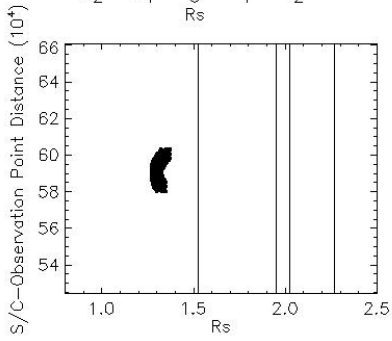


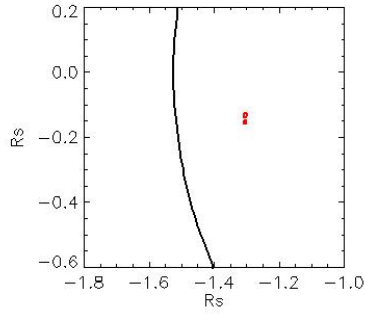
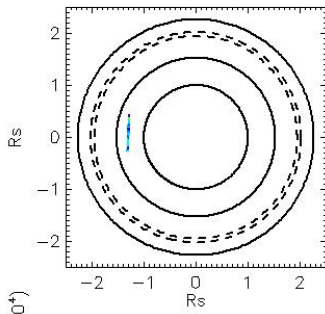
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_27_17

Observation Duration:
55 S

Integration time = 55 S



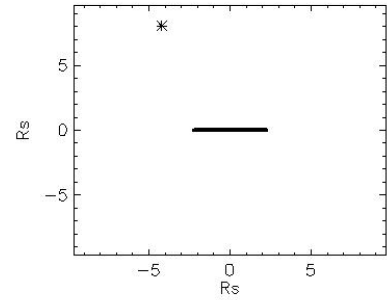
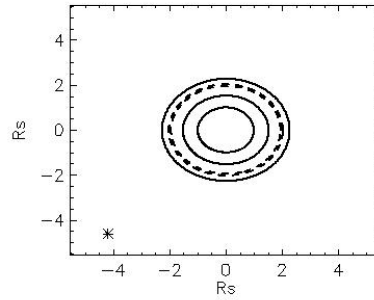
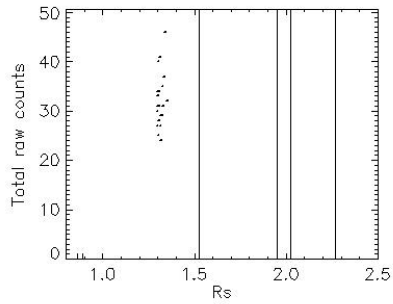
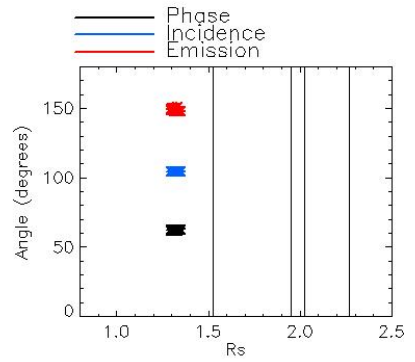
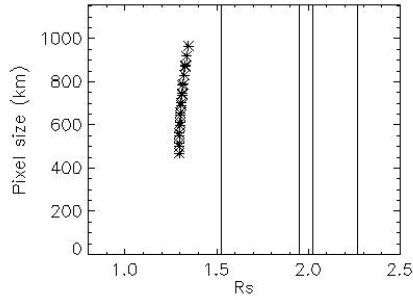
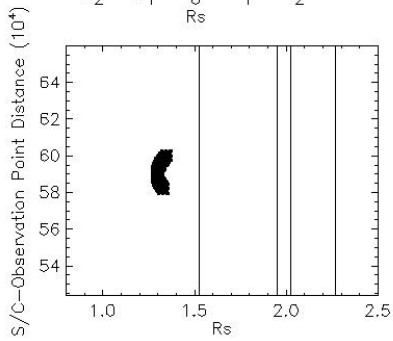


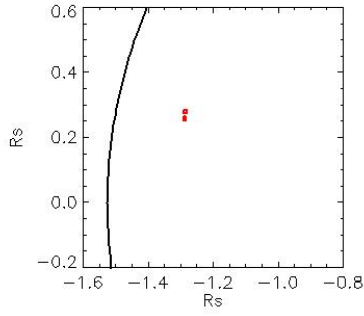
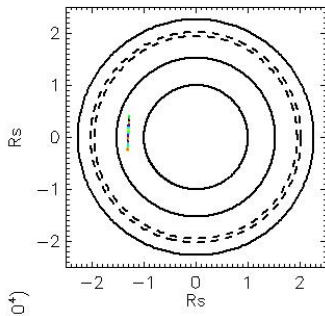
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_29_17

Observation Duration:
55 S

Integration time = 55 S



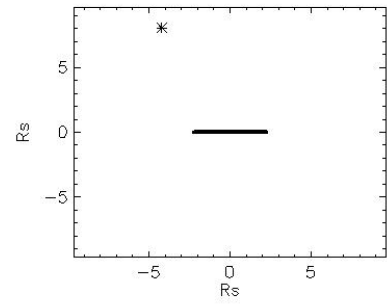
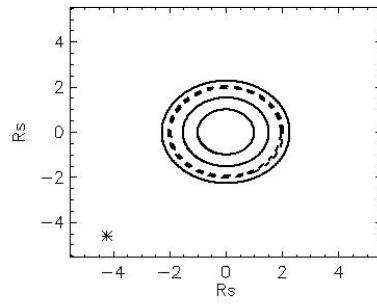
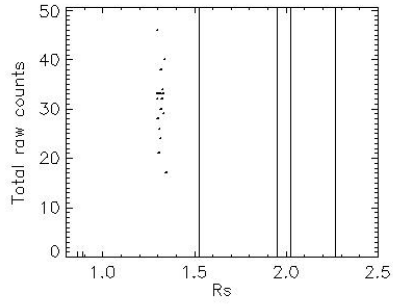
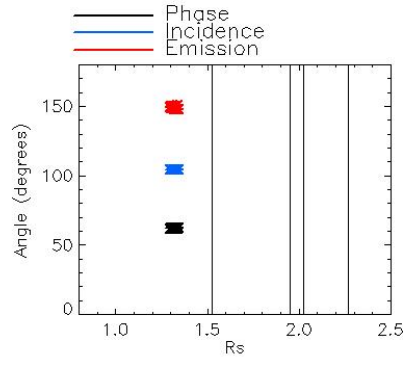
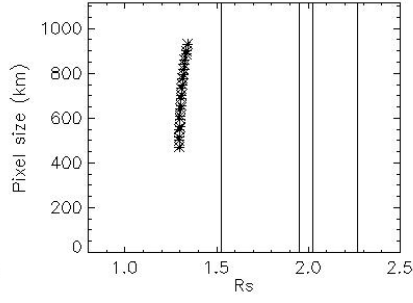
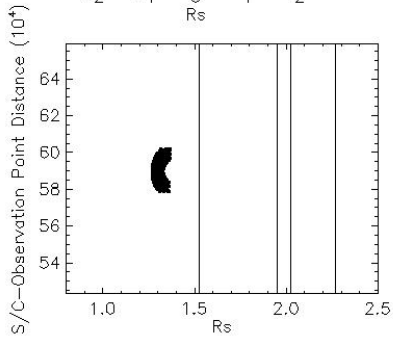


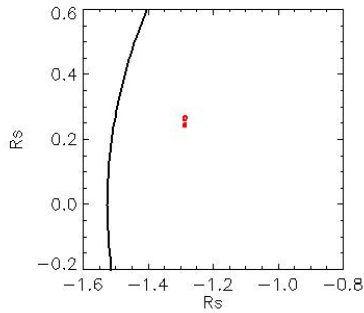
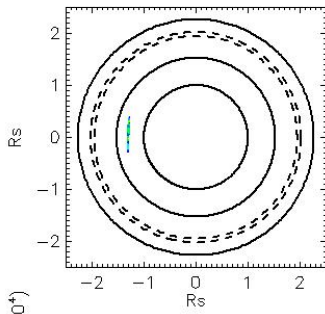
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_31_17

Observation Duration:
55 S

Integration time = 55 S



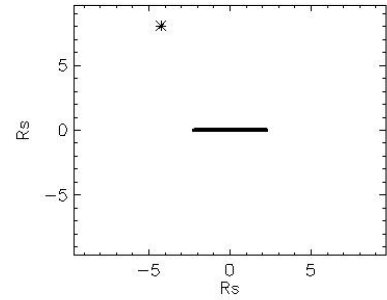
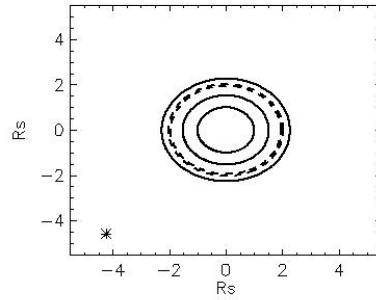
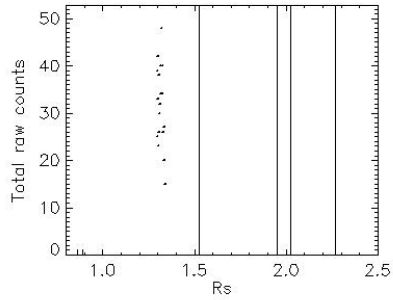
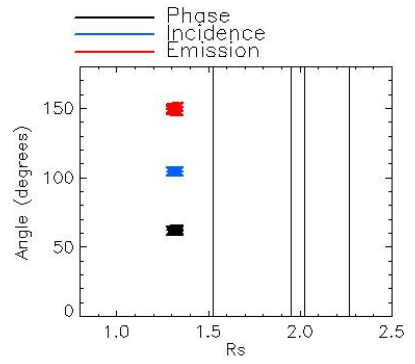
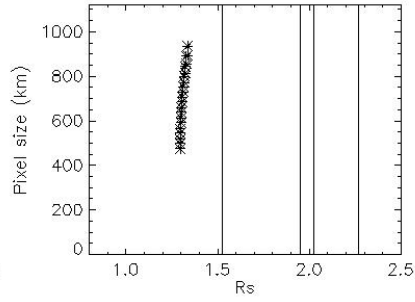
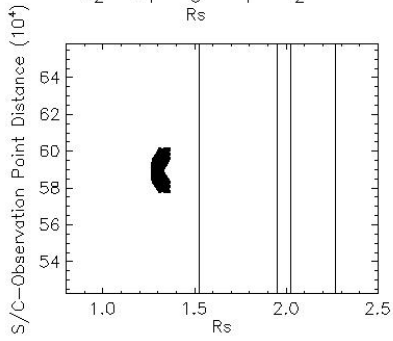


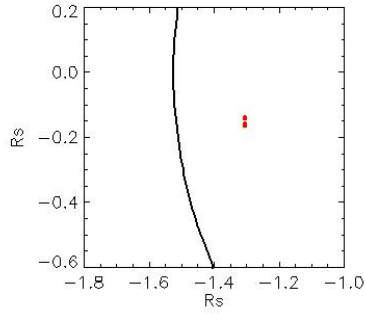
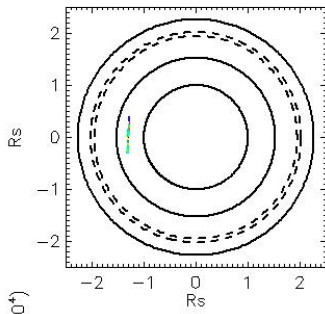
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_33_17

Observation Duration:
55 S

Integration time = 55 S



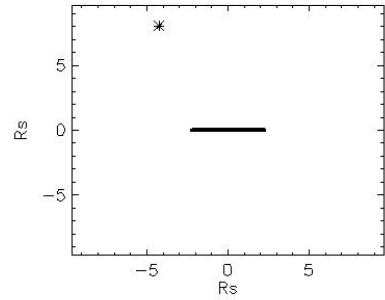
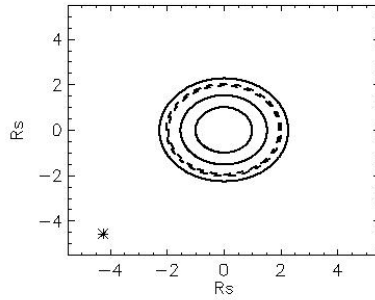
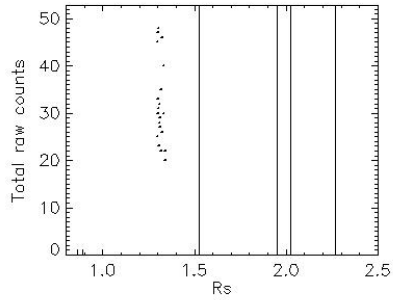
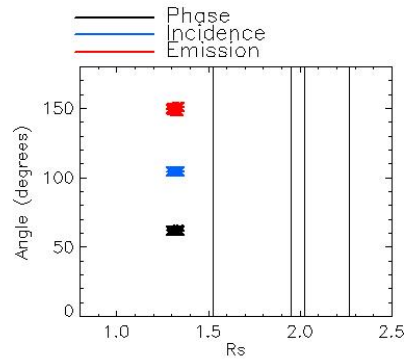
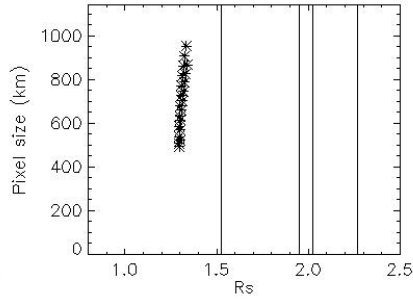
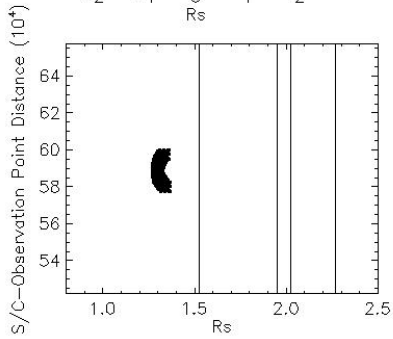


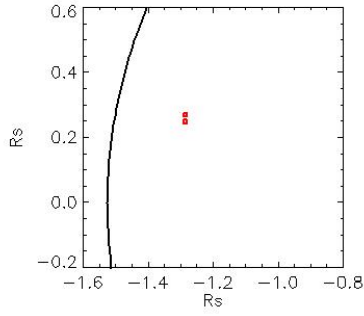
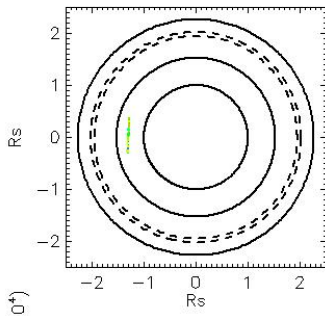
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_35_17

Observation Duration:
55 S

Integration time = 55 S



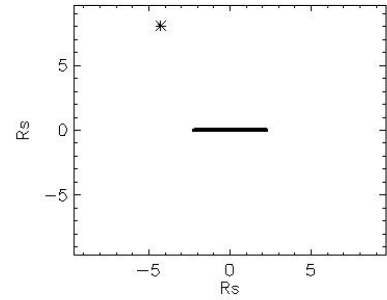
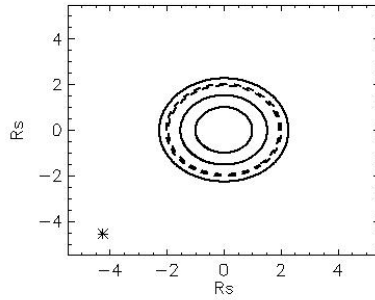
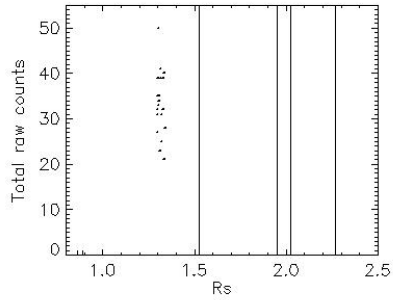
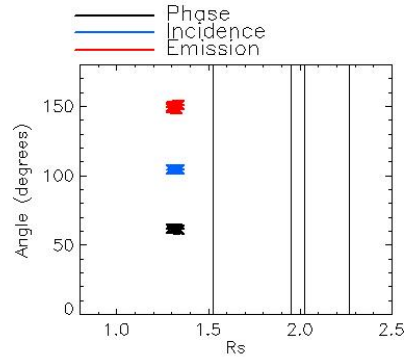
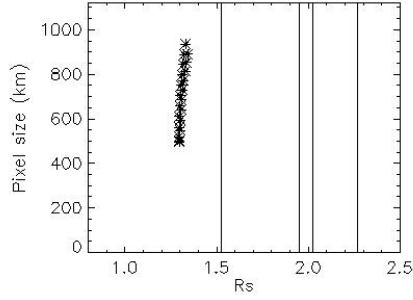
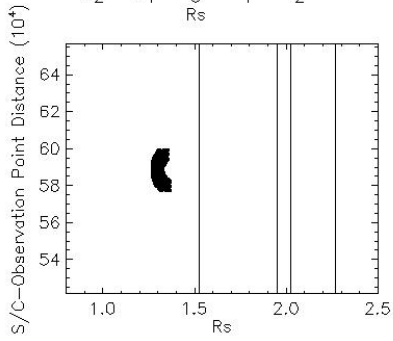


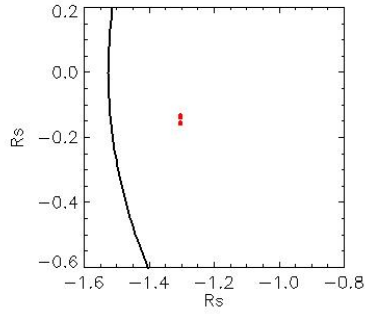
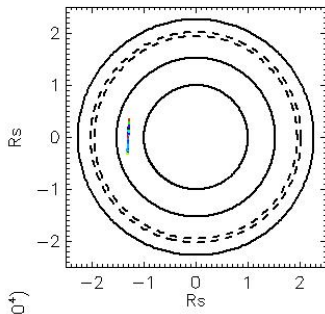
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_37_17

Observation Duration:
55 S

Integration time = 55 S



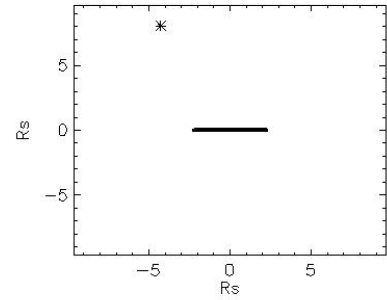
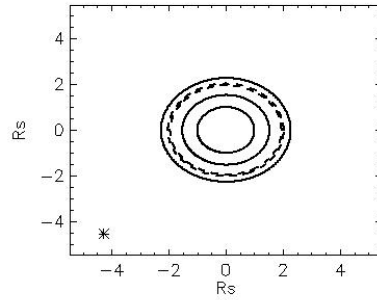
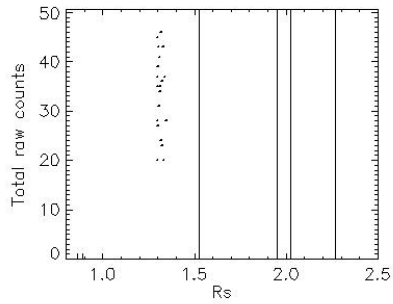
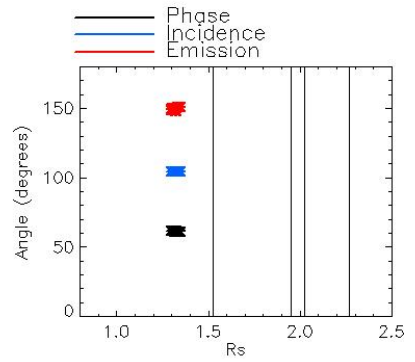
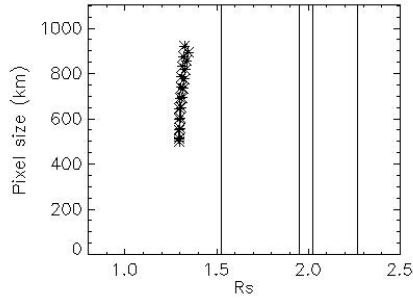
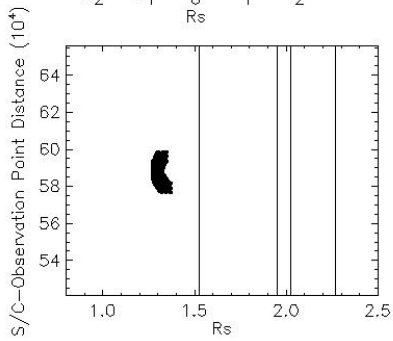


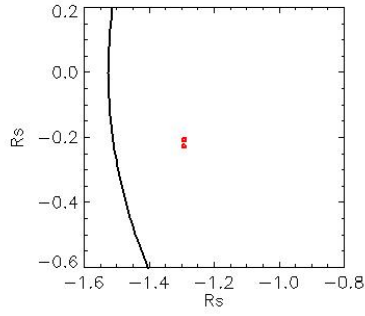
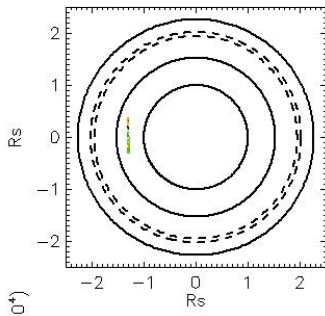
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_39_17

Observation Duration:
55 S

Integration time = 55 S



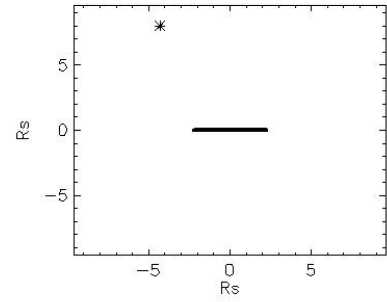
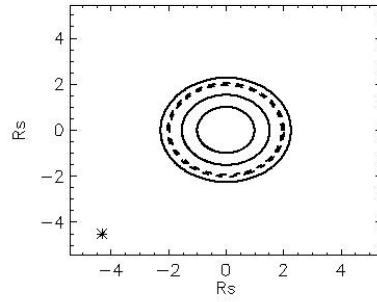
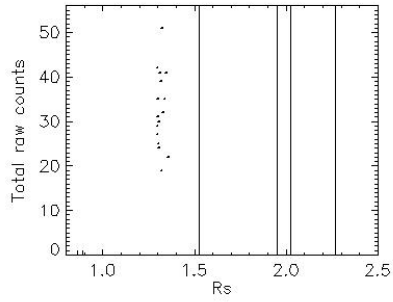
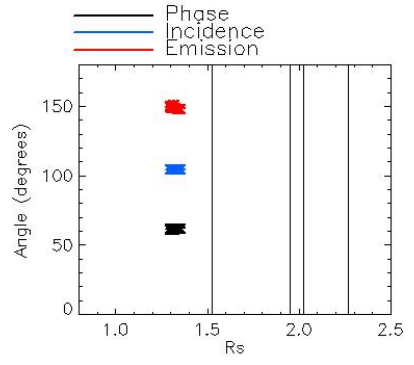
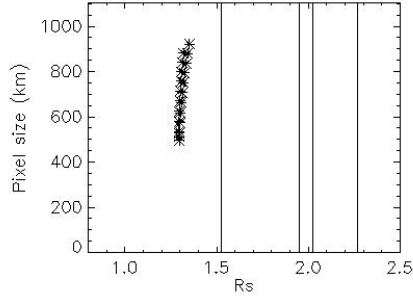
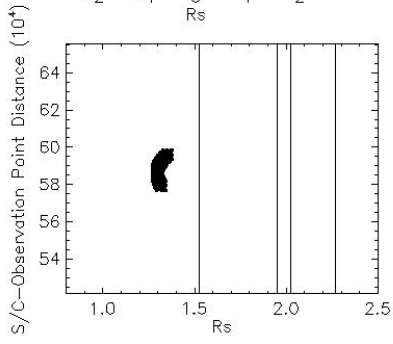


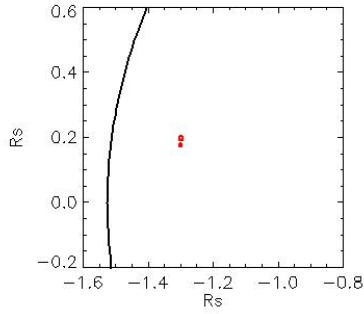
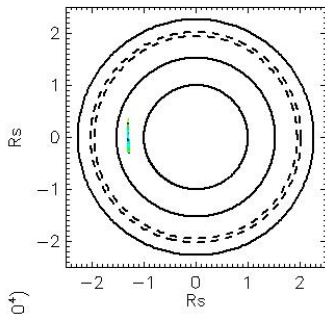
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_42_55

Observation Duration:
55 S

Integration time = 55 S



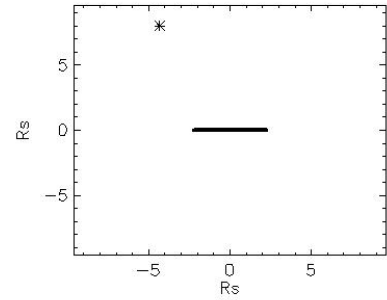
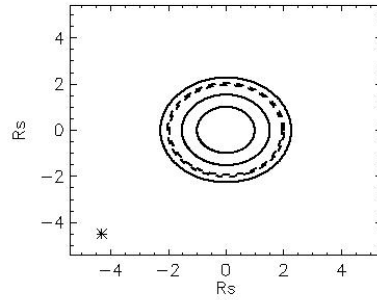
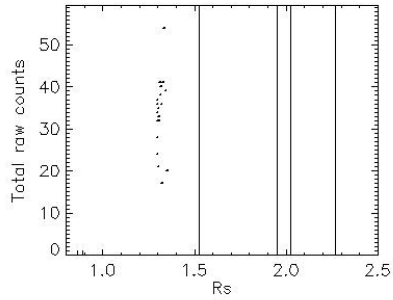
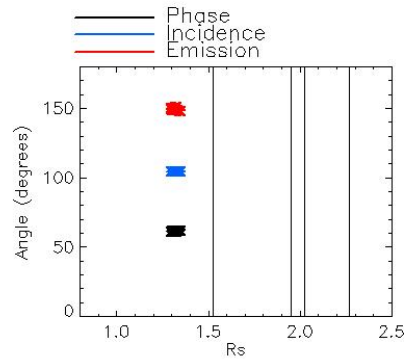
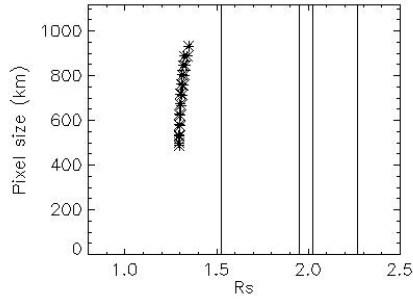
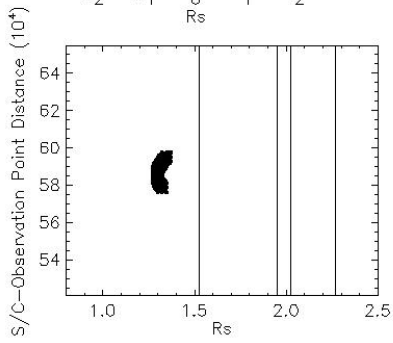


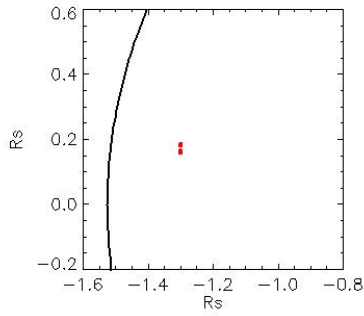
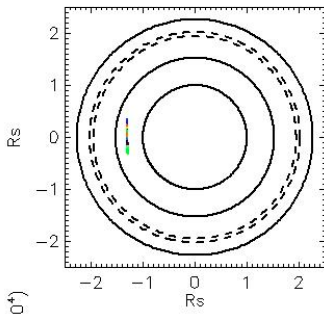
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_44_55

Observation Duration:
55 S

Integration time = 55 S



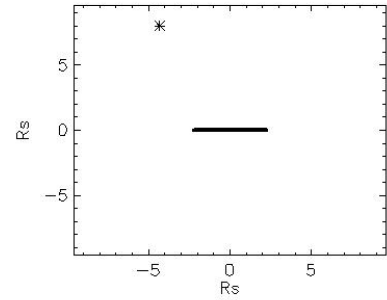
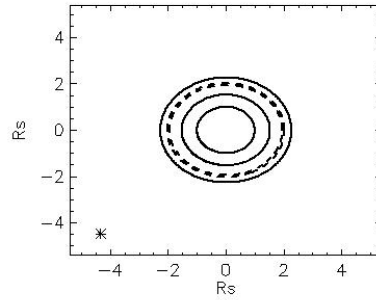
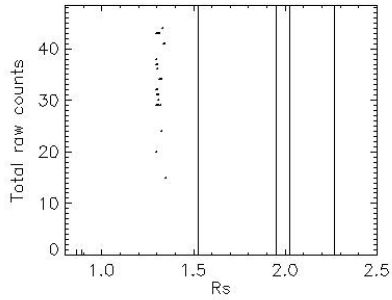
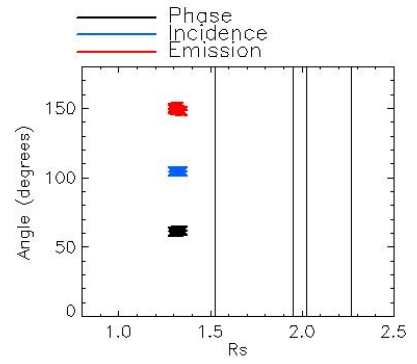
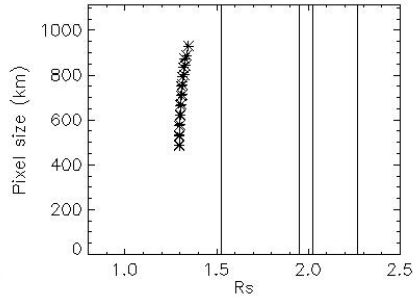
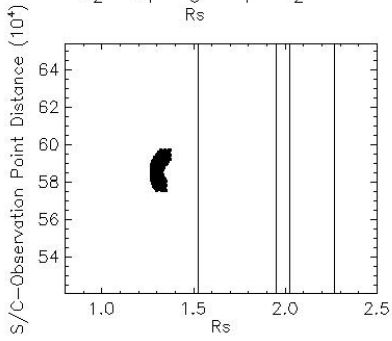


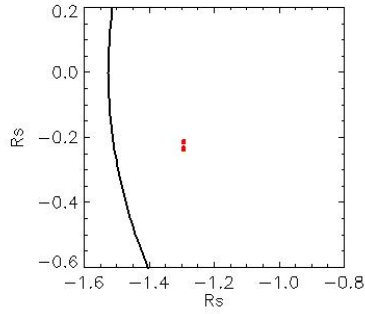
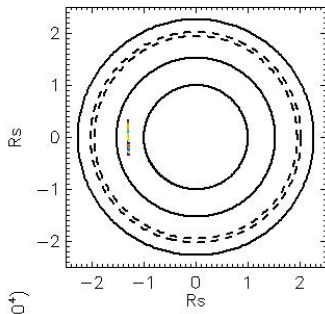
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_46_55

Observation Duration:
55 S

Integration time = 55 S



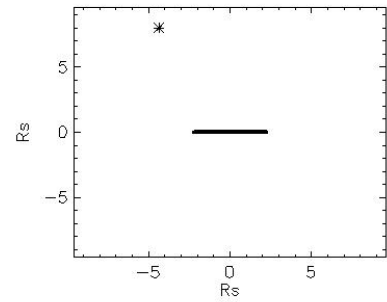
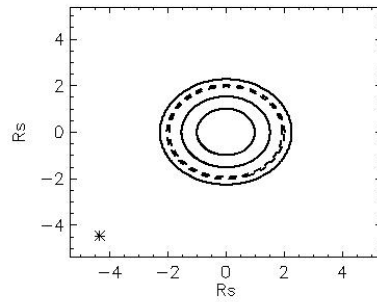
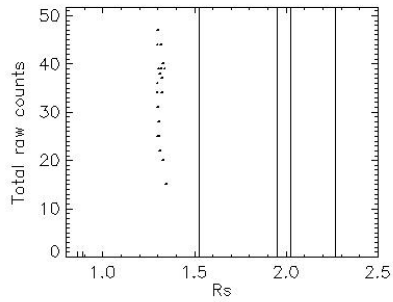
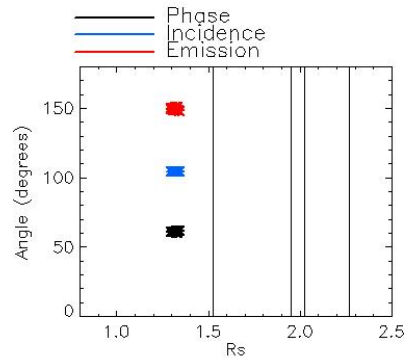
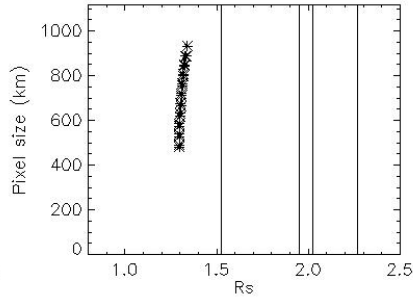
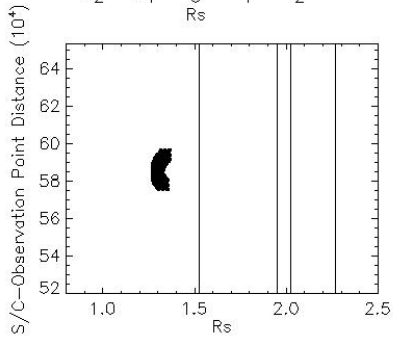


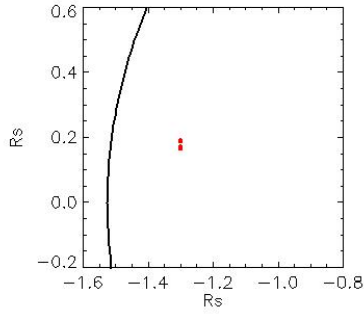
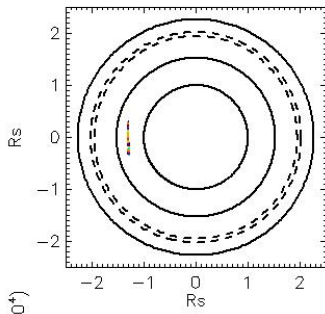
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_48_55

Observation Duration:
55 S

Integration time = 55 S



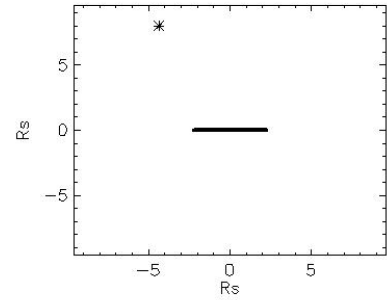
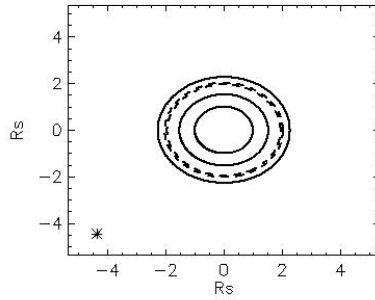
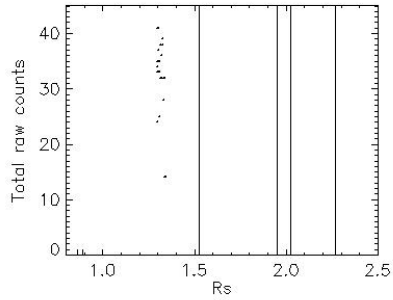
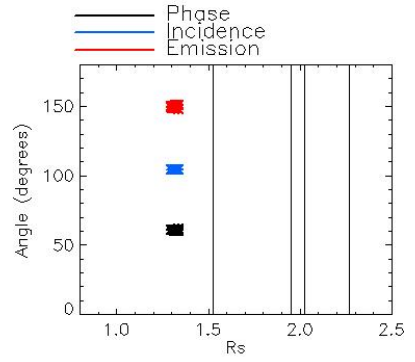
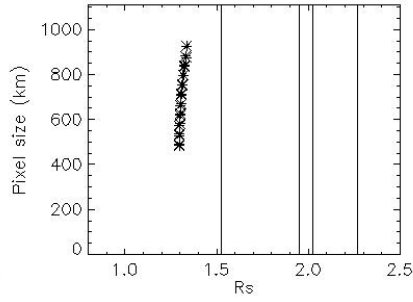
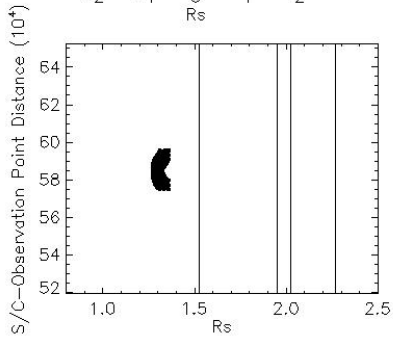


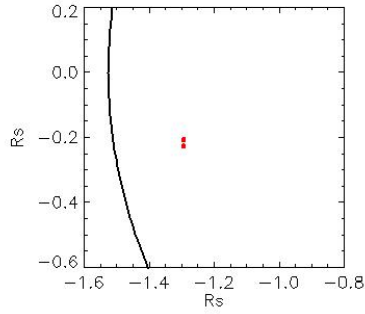
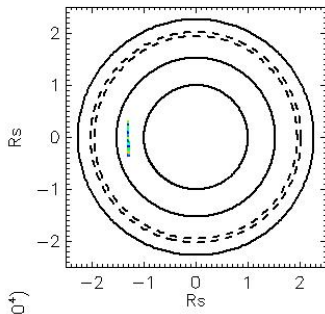
Observation Name:
UWS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_50_55

Observation Duration:
55 S

Integration time = 55 S



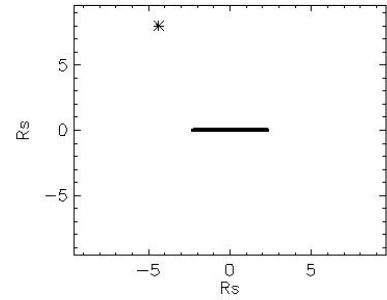
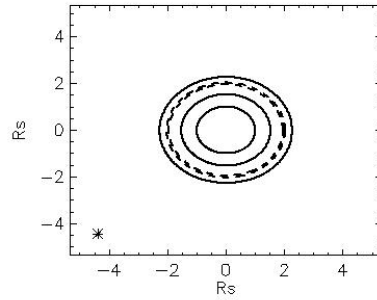
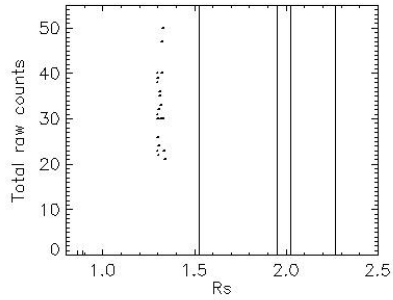
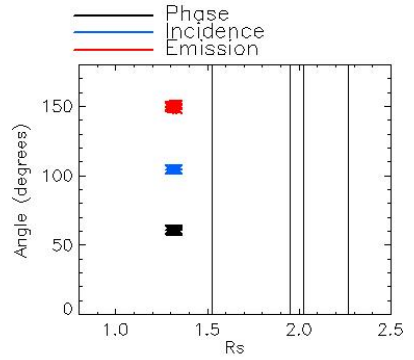
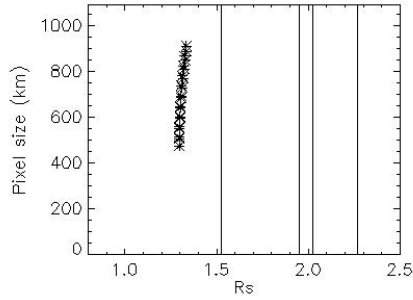
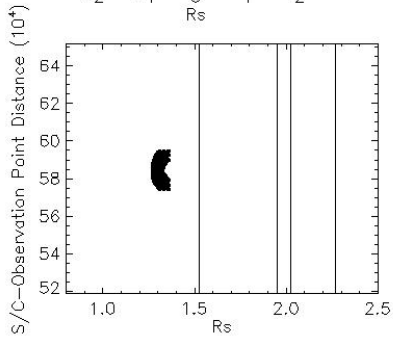


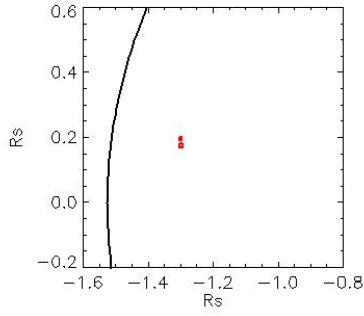
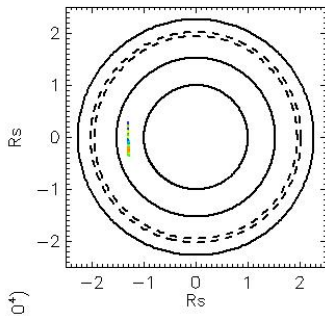
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_52_55

Observation Duration:
55 S

Integration time = 55 S



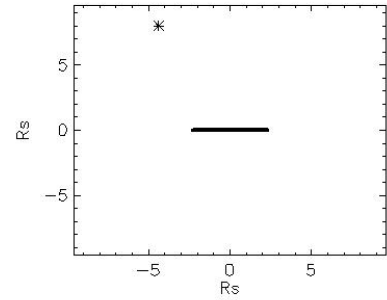
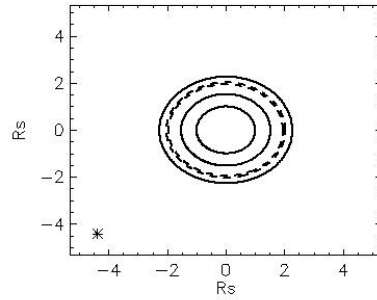
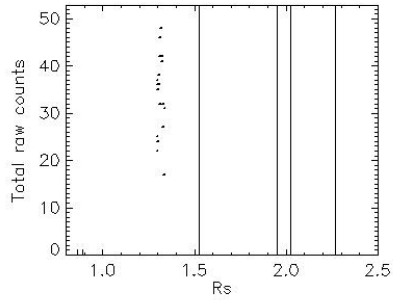
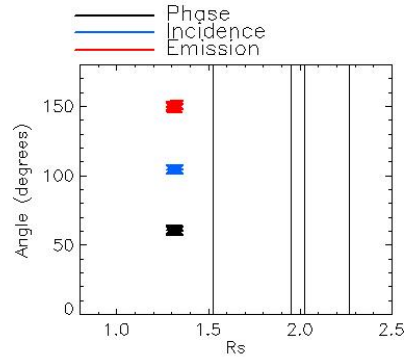
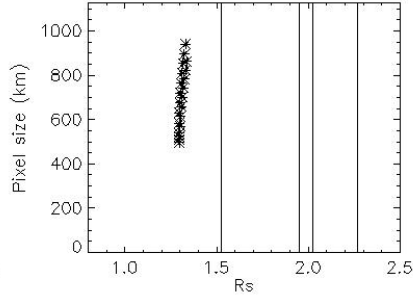
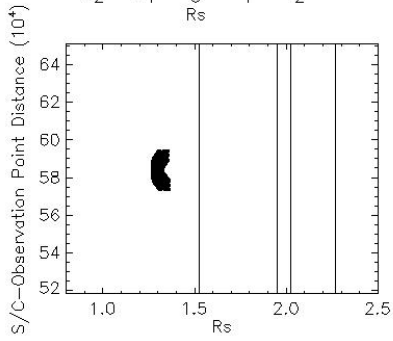


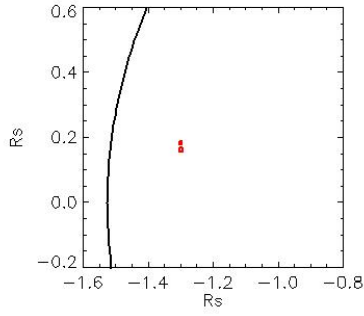
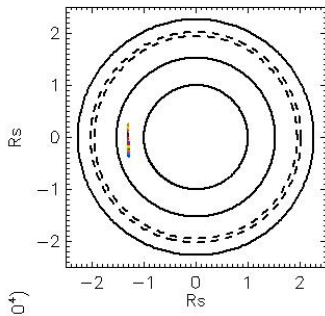
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_54_55

Observation Duration:
55 S

Integration time = 55 S



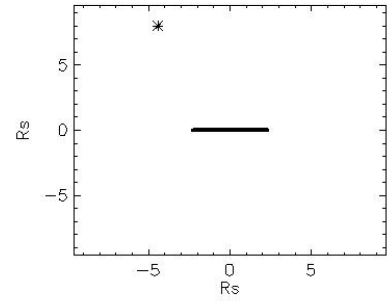
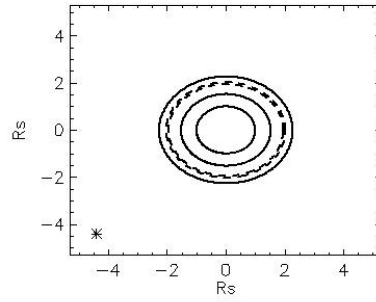
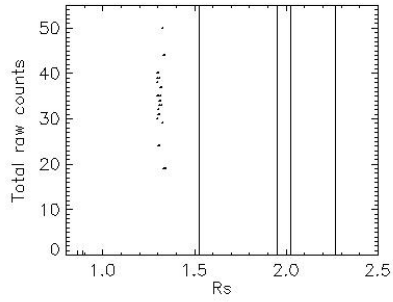
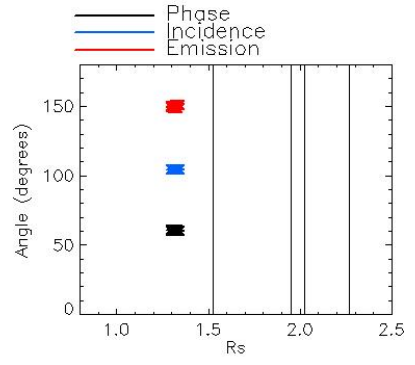
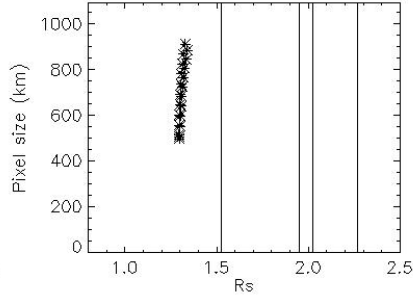
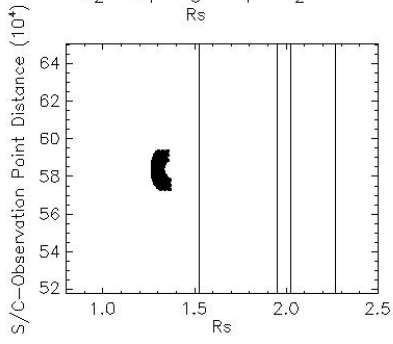


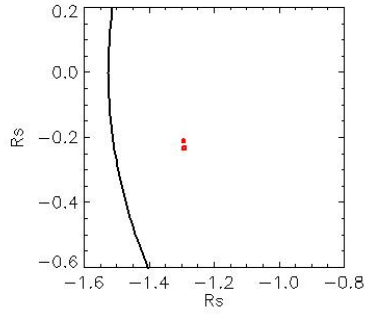
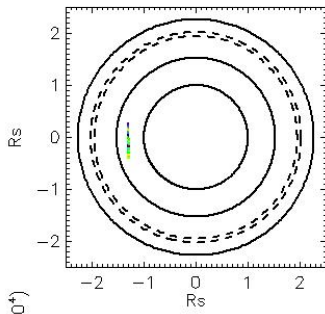
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_56_55

Observation Duration:
55 S

Integration time = 55 S



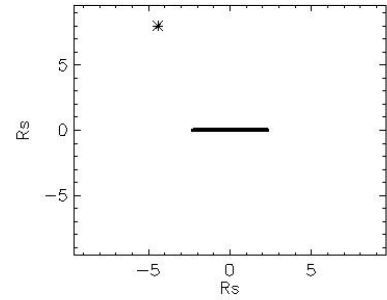
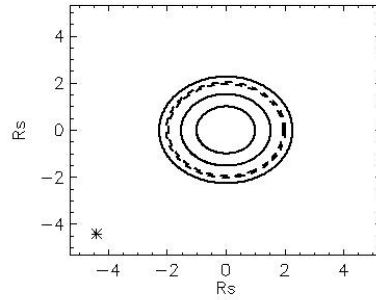
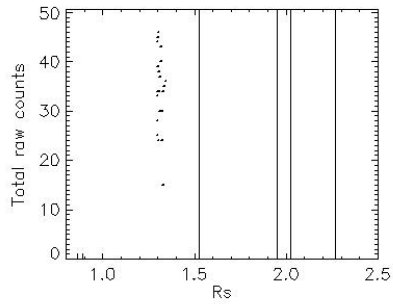
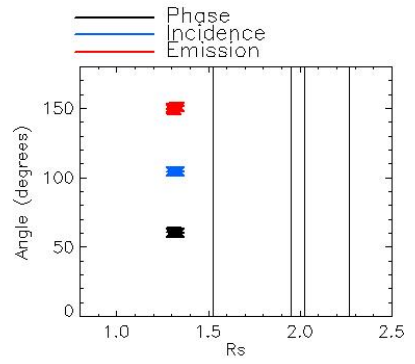
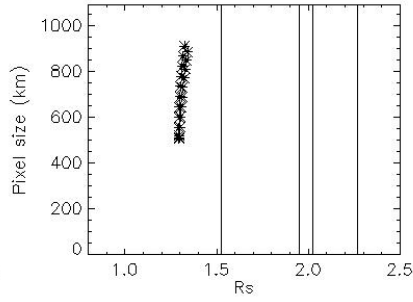
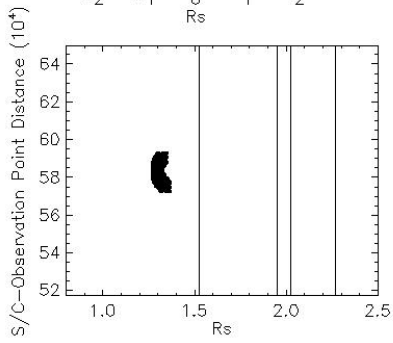


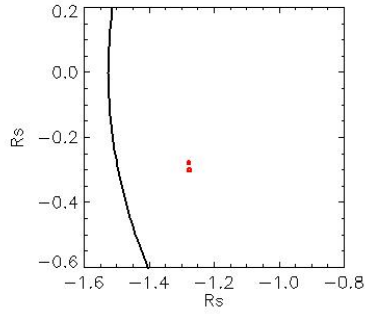
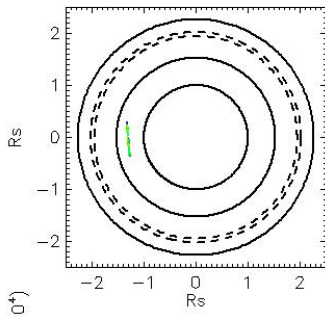
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_21_58_55

Observation Duration:
55 S

Integration time = 55 S



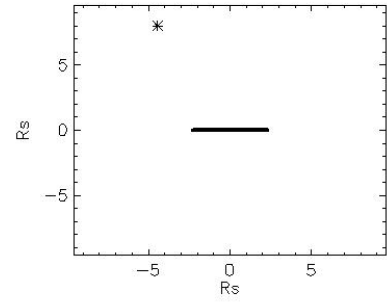
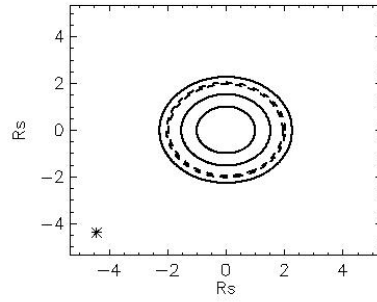
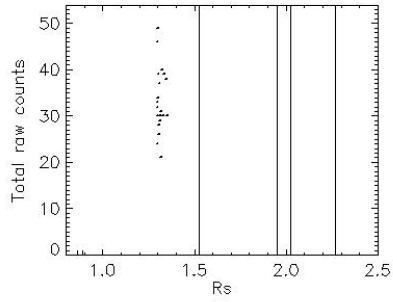
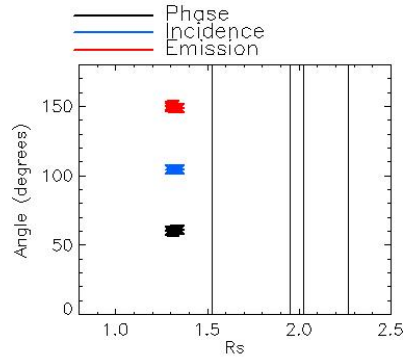
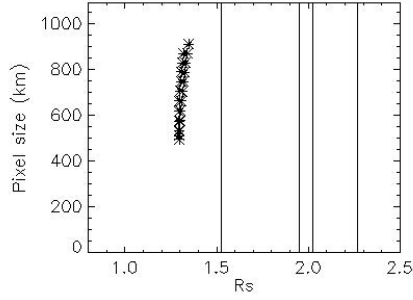
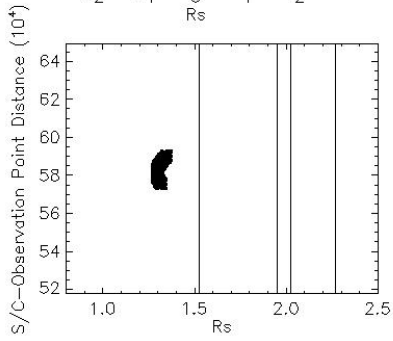


Observation Name:
UVS_036RLAZSCNLOPH001_ISS

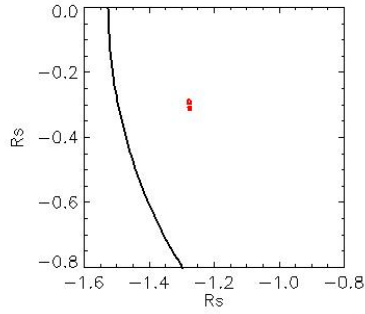
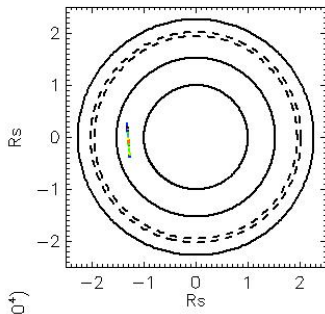
Observation Date:
2006_364_22_02_32

Observation Duration:
55 S

Integration time = 55 S



— Phase
— Incidence
— Emission

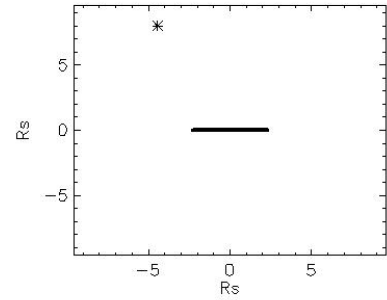
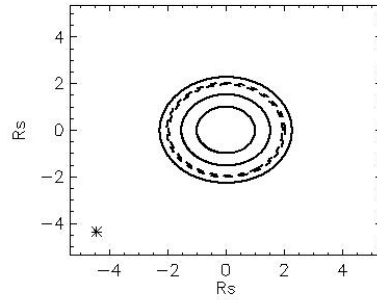
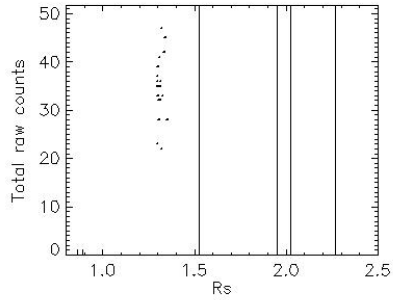
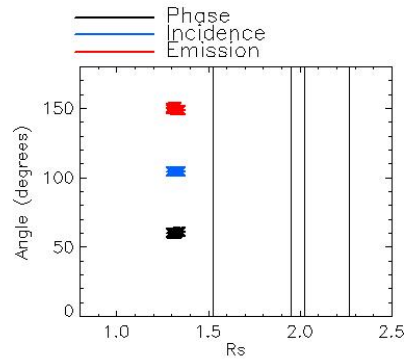
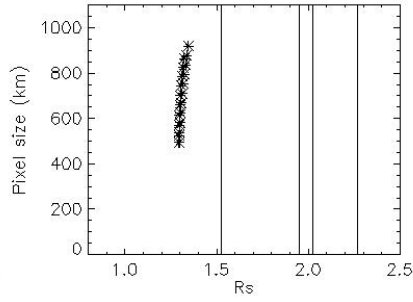
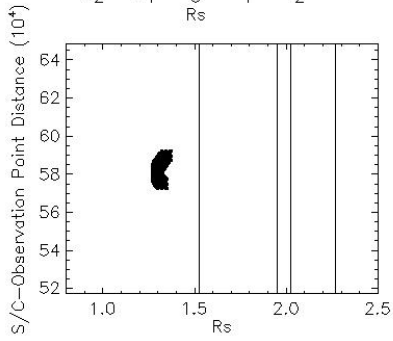


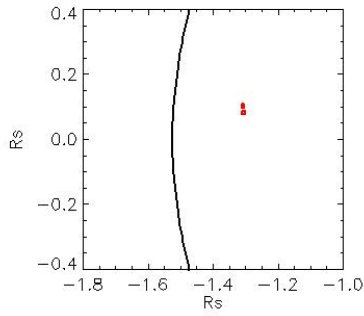
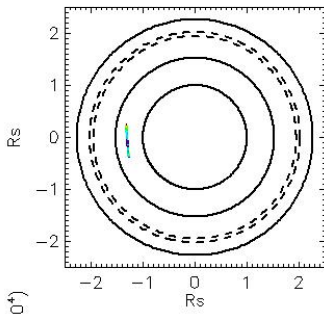
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_04_32

Observation Duration:
55 S

Integration time = 55 S



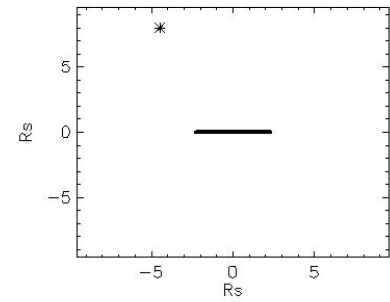
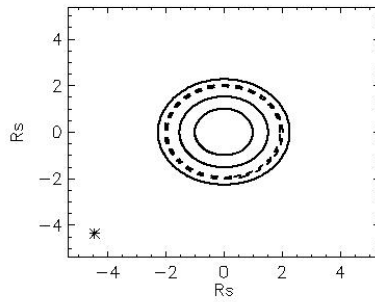
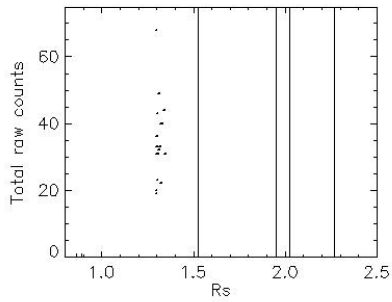
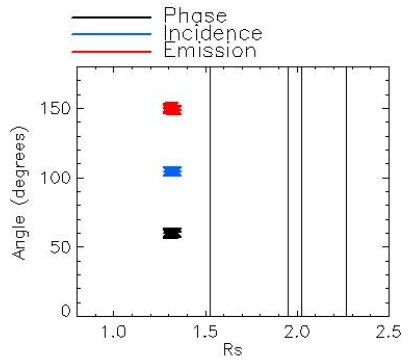
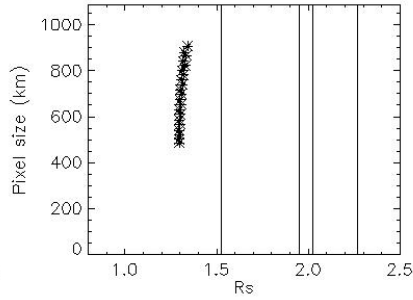
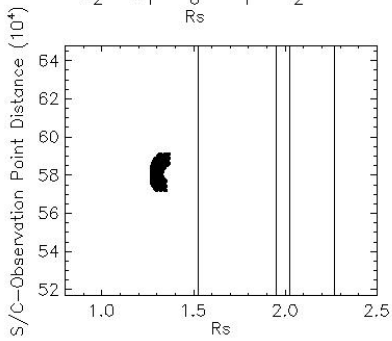


Observation Name:
UMS_036RLAZSCNLOPH001_ISS

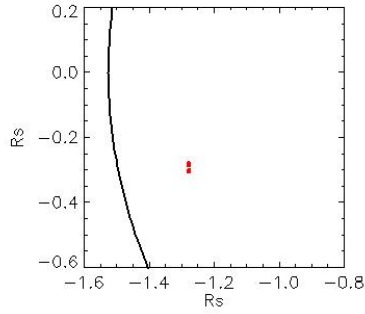
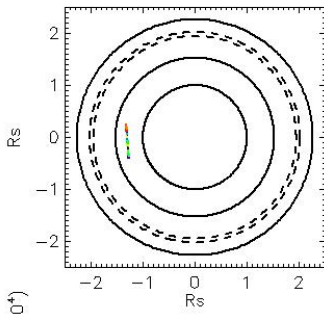
Observation Date:
2006_364_22_06_32

Observation Duration:
55 S

Integration time = 55 S



— Phase
— Incidence
— Emission

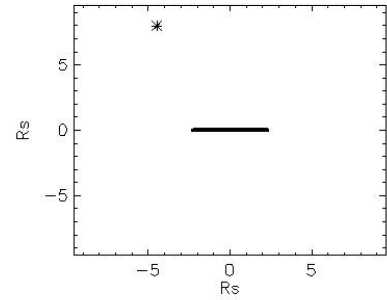
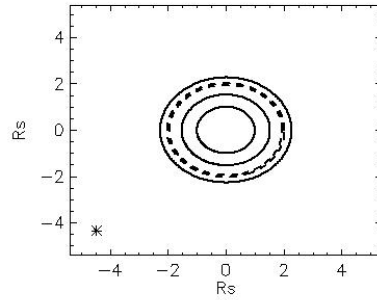
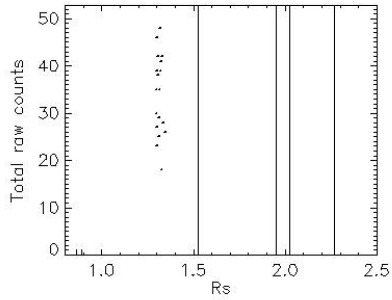
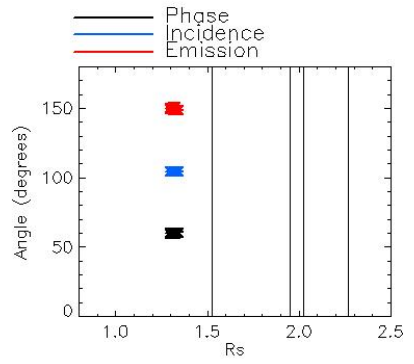
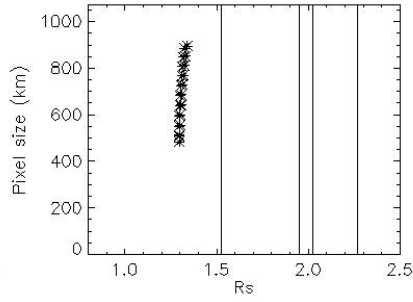
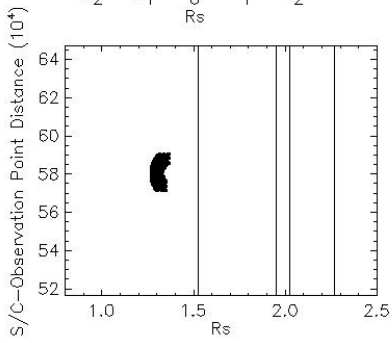


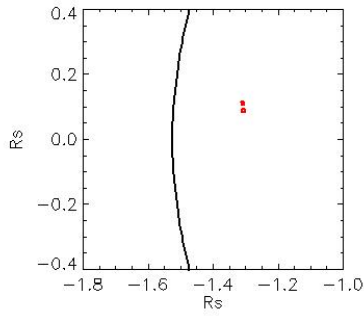
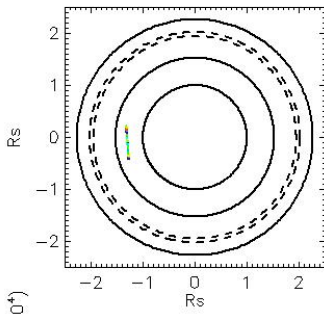
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_08_32

Observation Duration:
55 S

Integration time = 55 S



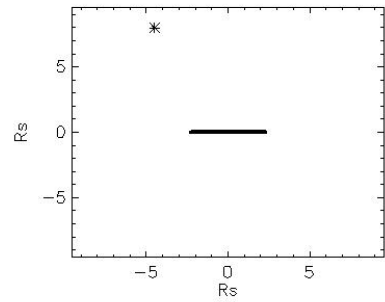
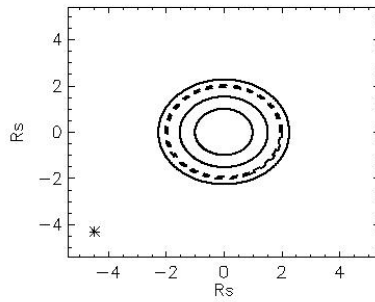
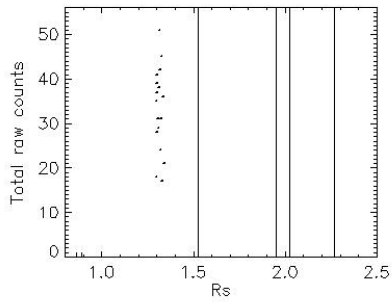
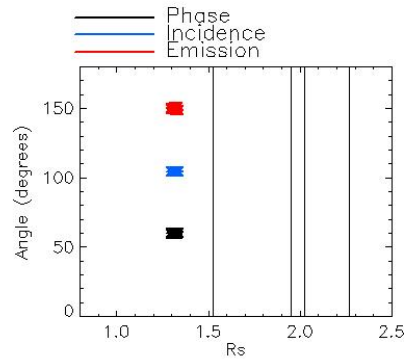
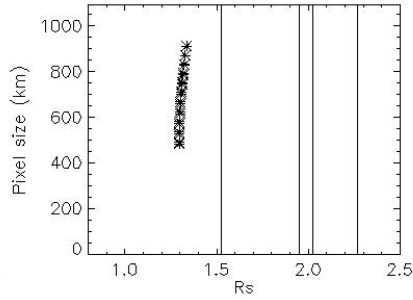
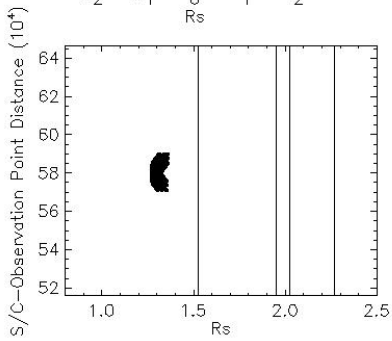


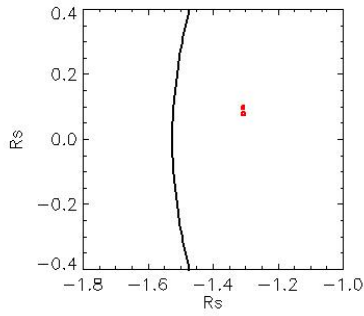
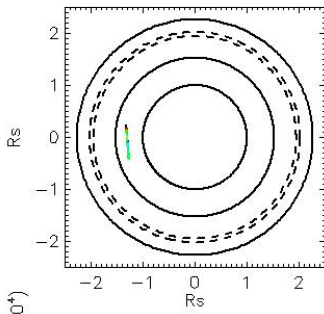
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_10_32

Observation Duration:
55 S

Integration time = 55 S



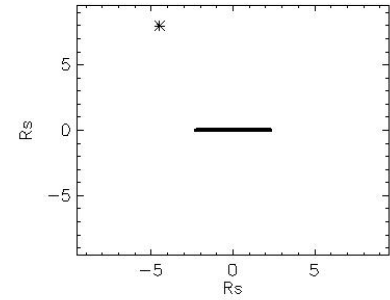
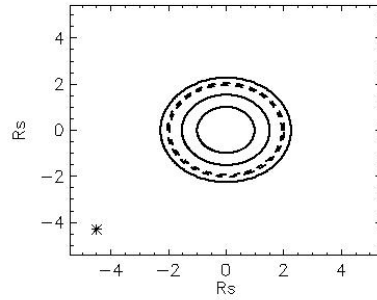
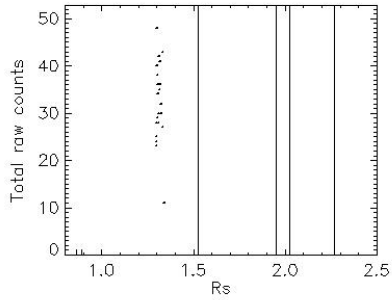
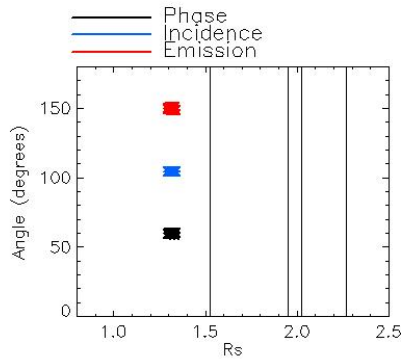
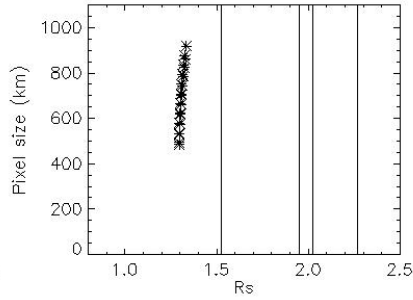
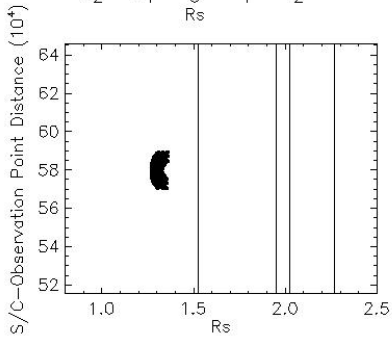


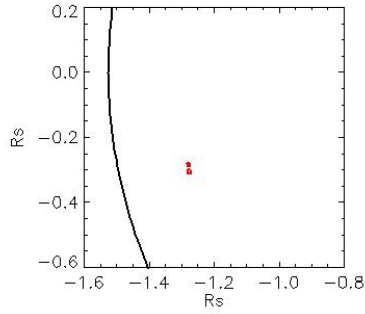
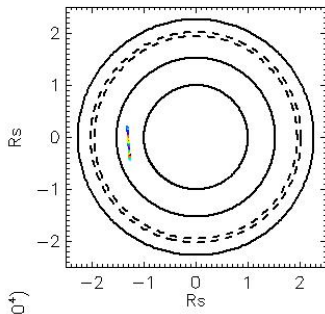
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_12_32

Observation Duration:
55 S

Integration time = 55 S



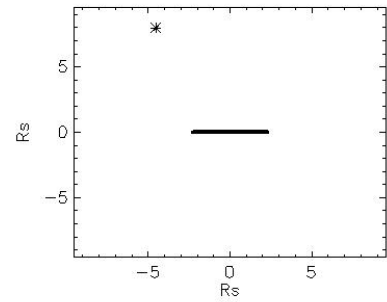
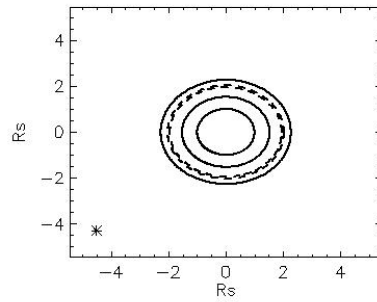
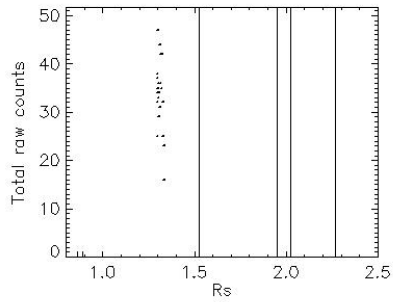
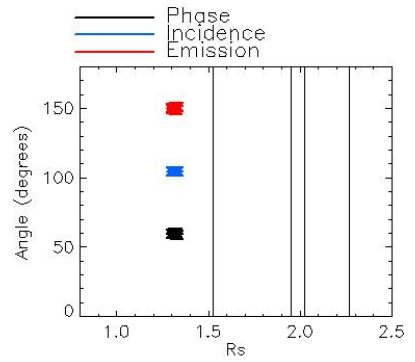
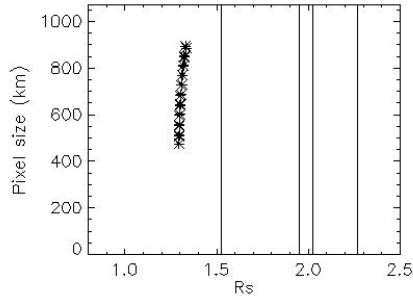
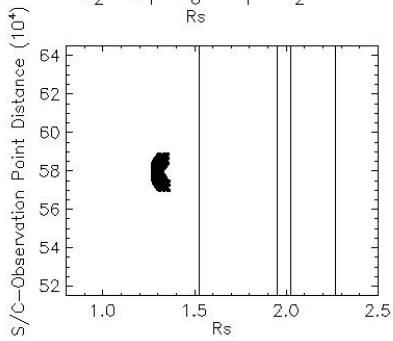


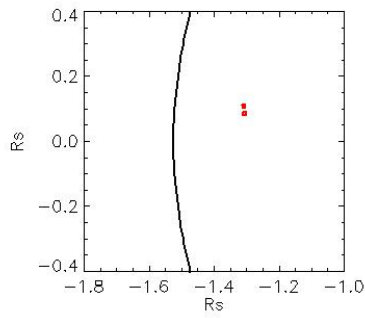
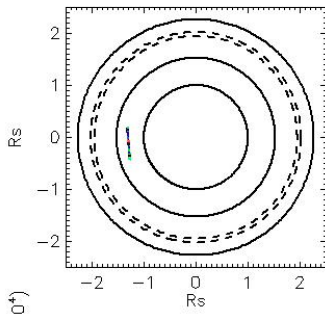
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_14_32

Observation Duration:
55 S

Integration time = 55 S



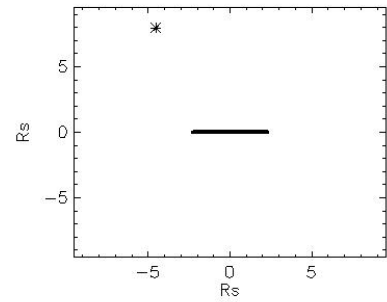
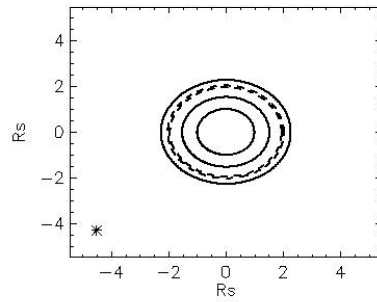
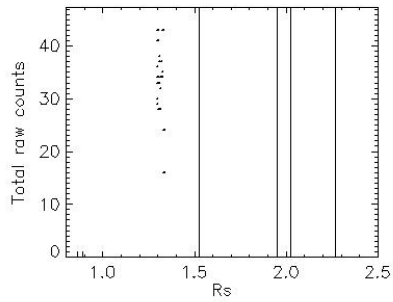
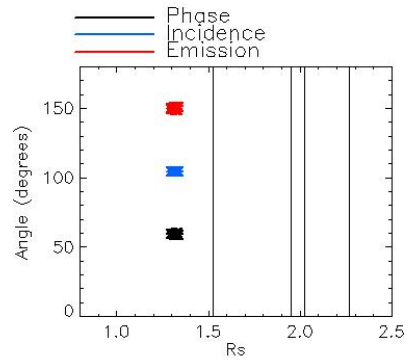
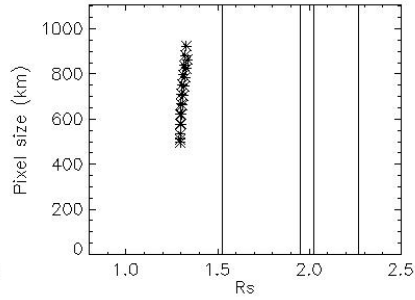
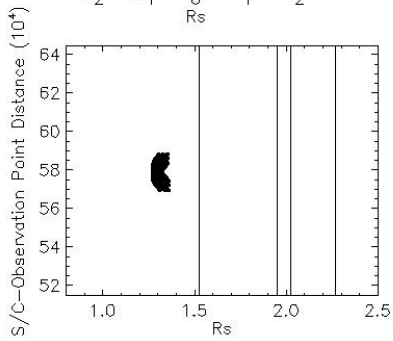


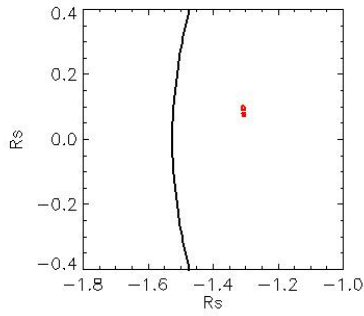
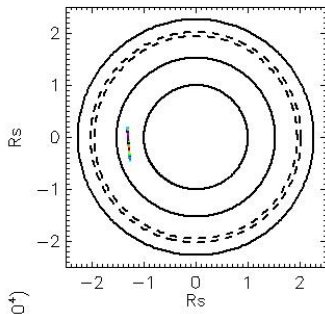
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_16_32

Observation Duration:
55 S

Integration time = 55 S



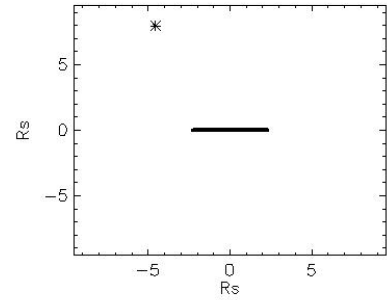
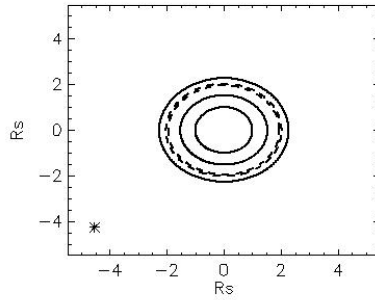
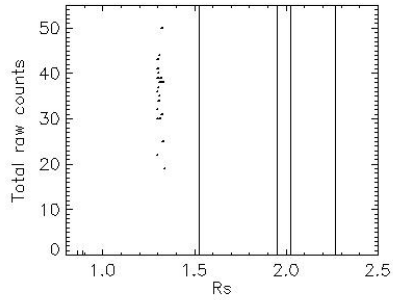
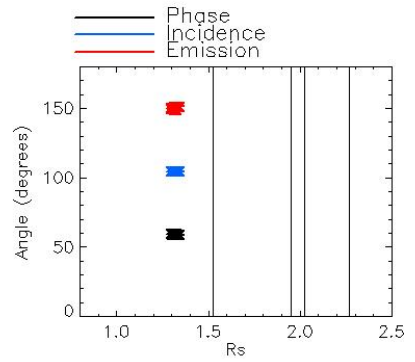
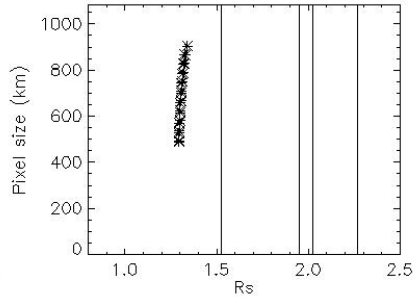
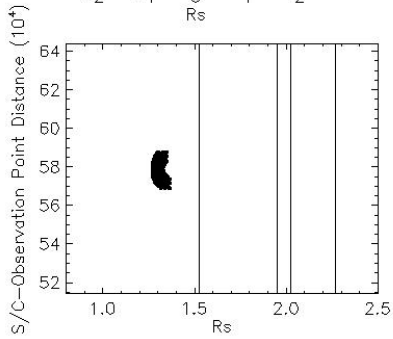


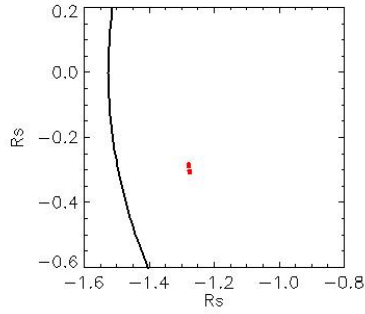
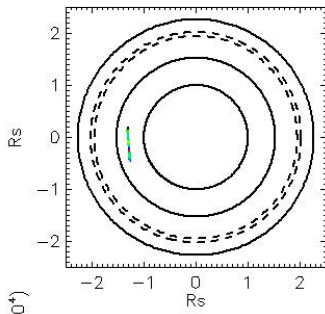
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_18_32

Observation Duration:
55 S

Integration time = 55 S



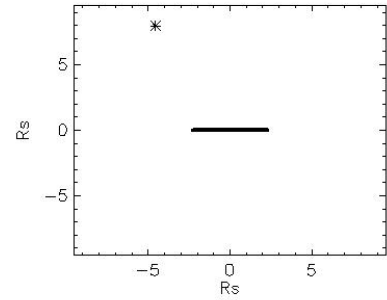
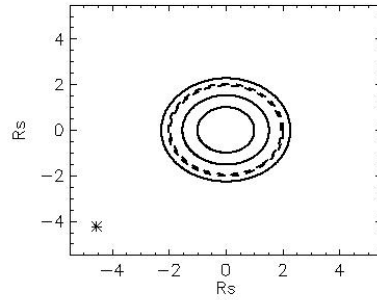
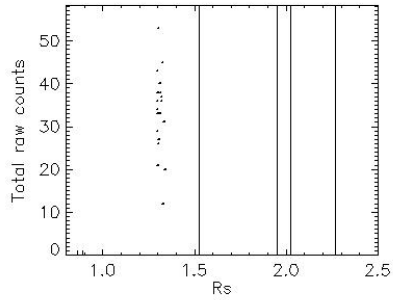
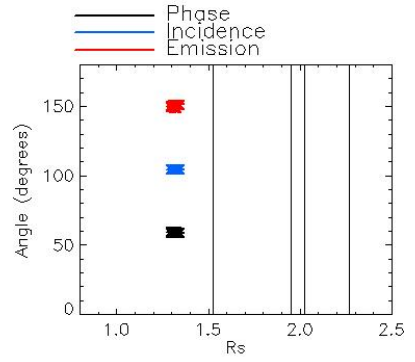
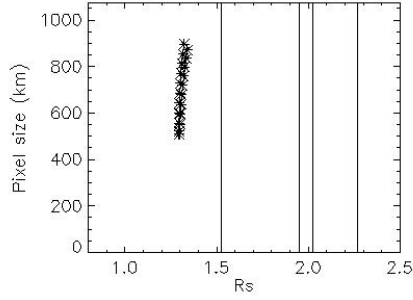
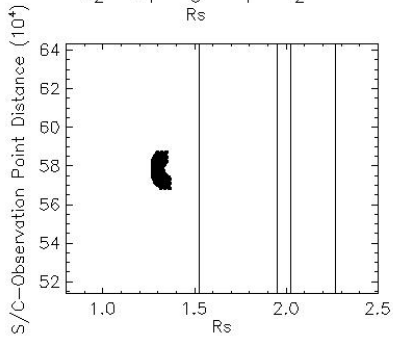


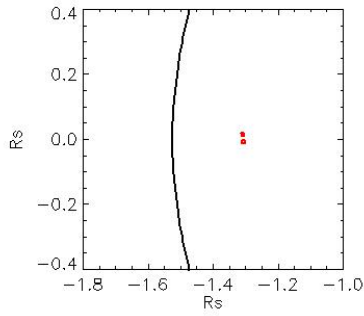
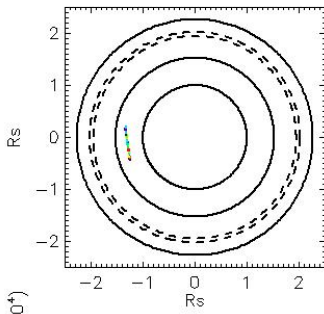
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_20_32

Observation Duration:
55 S

Integration time = 55 S



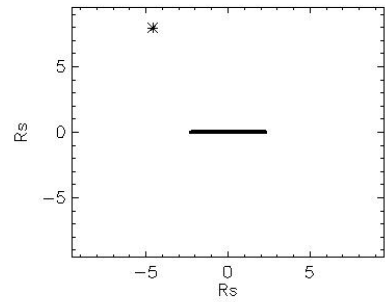
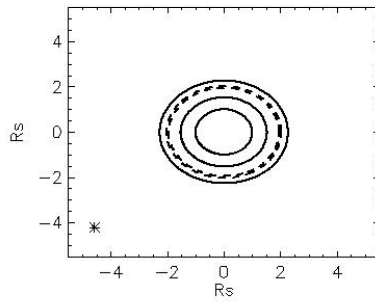
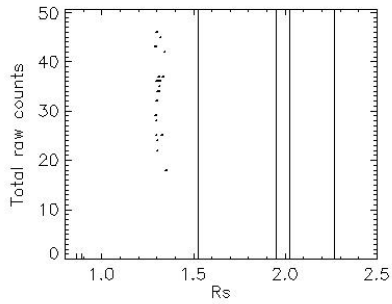
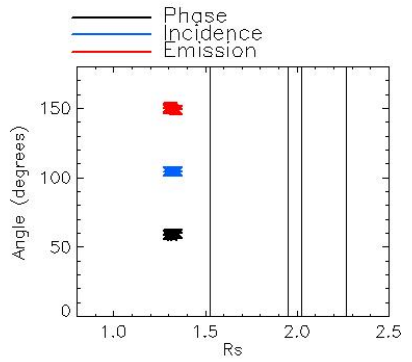
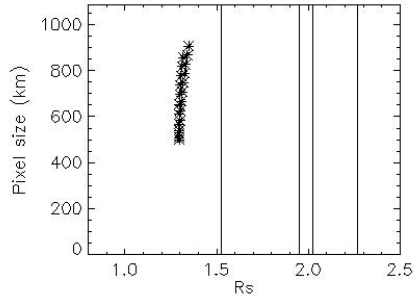
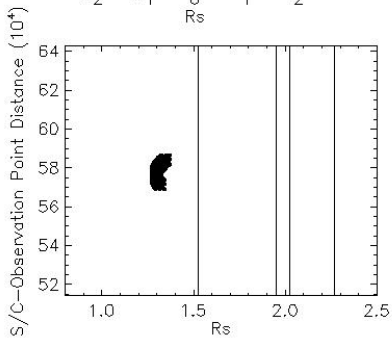


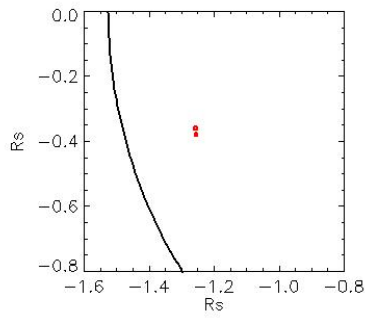
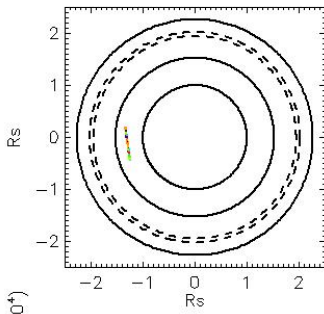
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_24_07

Observation Duration:
55 S

Integration time = 55 S



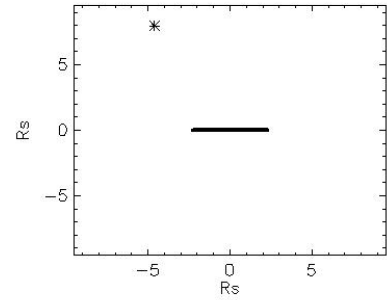
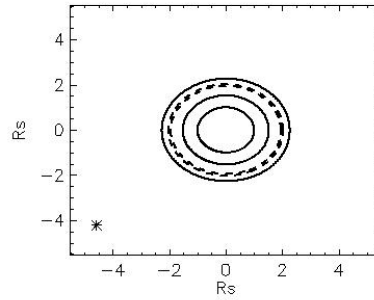
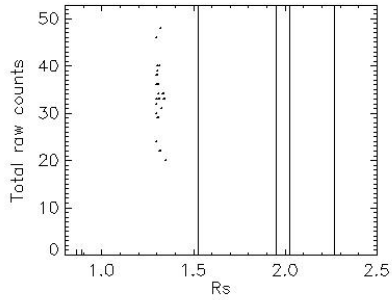
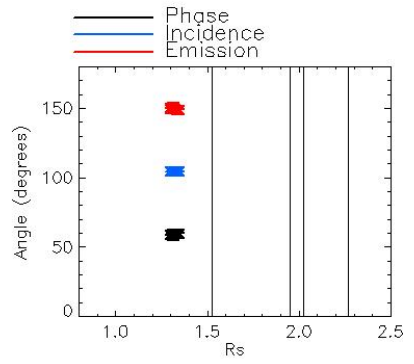
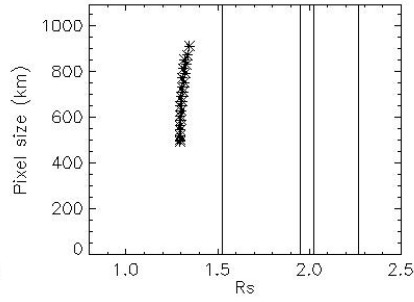
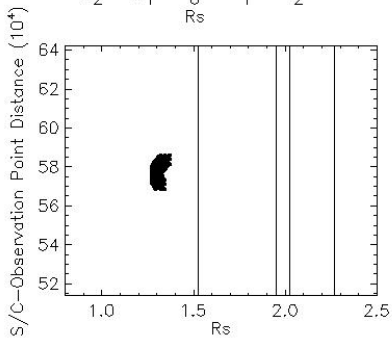


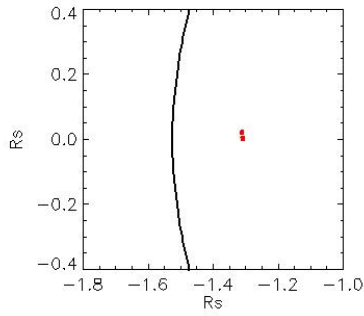
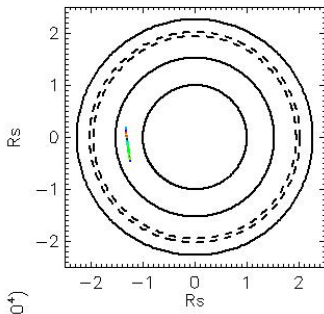
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_26_07

Observation Duration:
55 S

Integration time = 55 S



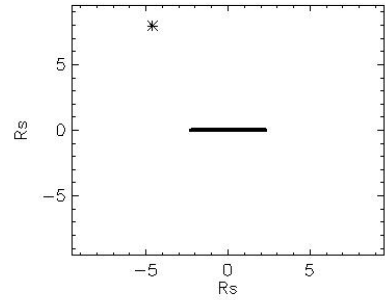
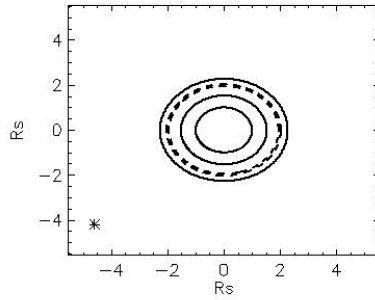
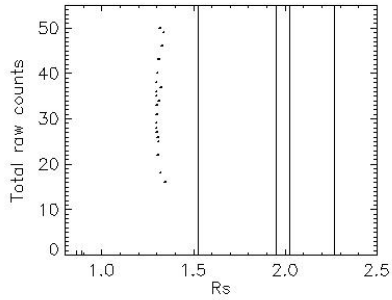
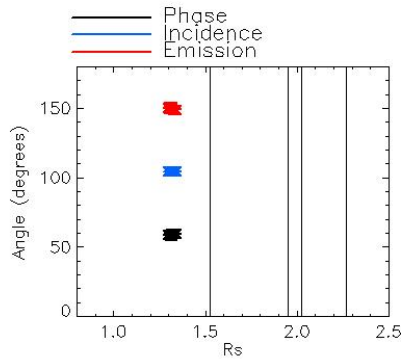
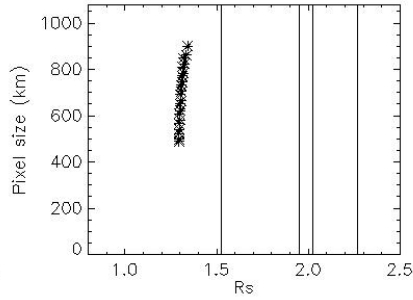
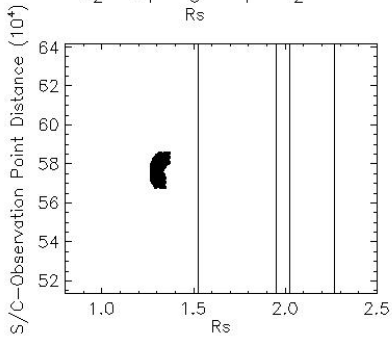


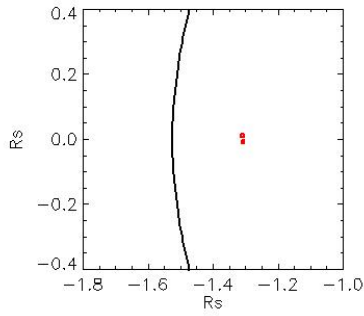
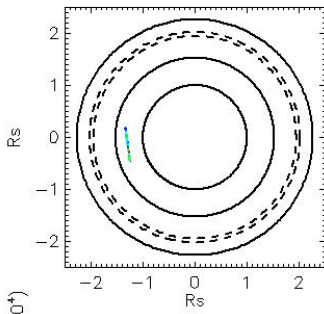
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_28_07

Observation Duration:
55 S

Integration time = 55 S



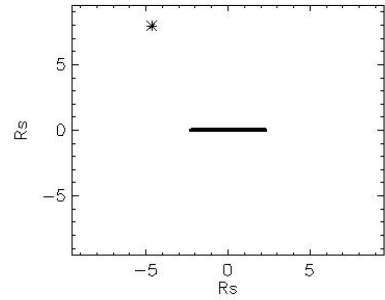
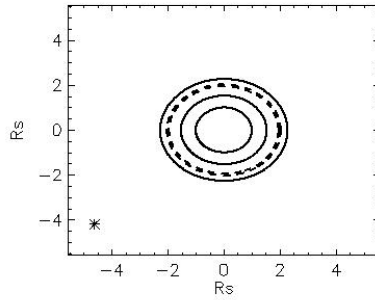
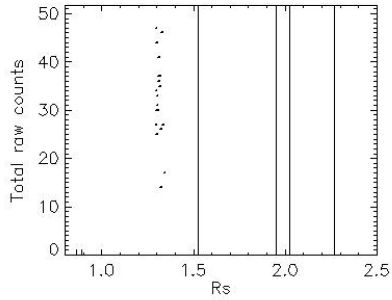
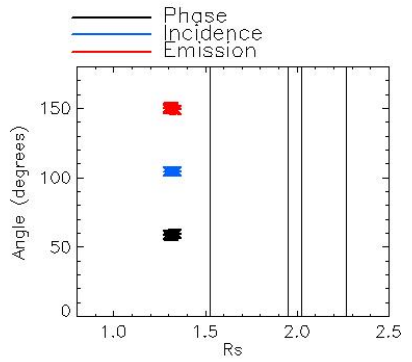
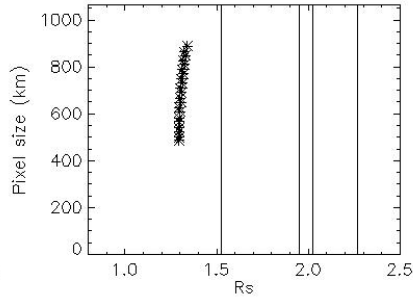
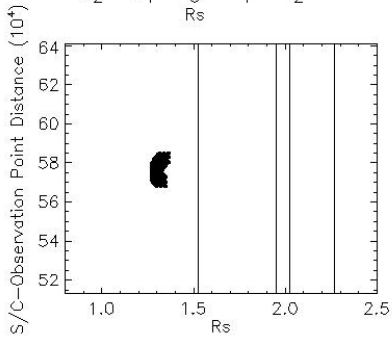


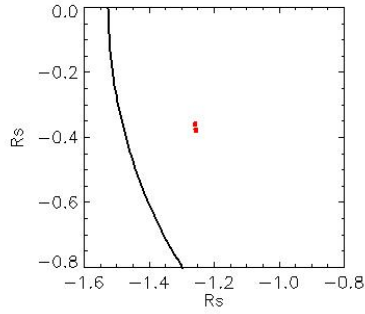
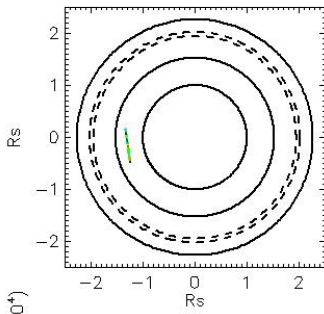
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_30_07

Observation Duration:
55 S

Integration time = 55 S



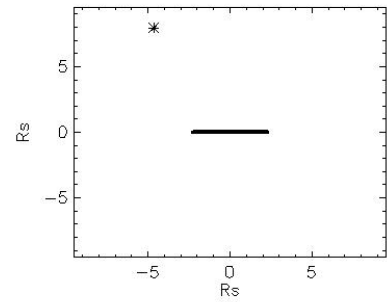
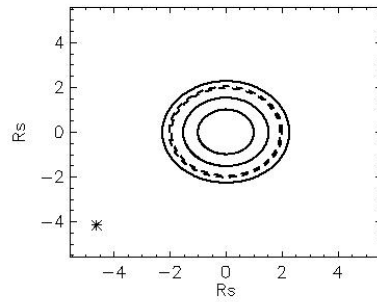
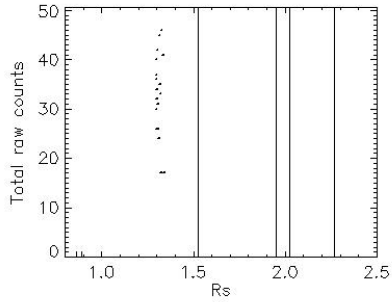
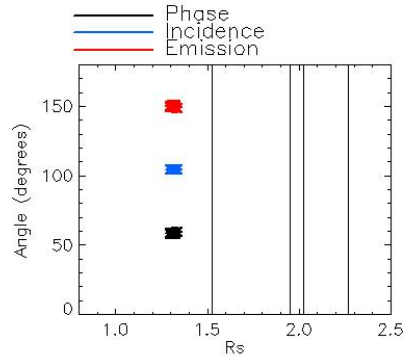
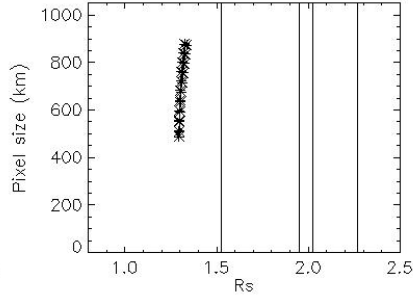
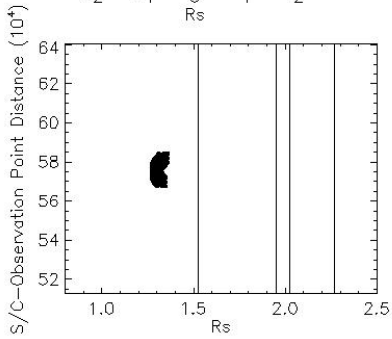


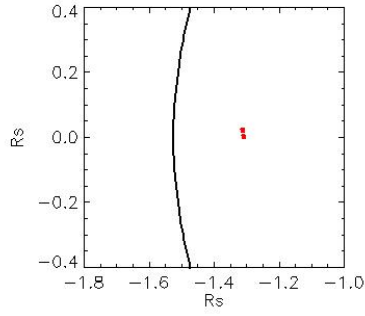
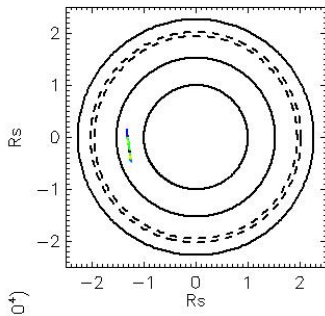
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_32_07

Observation Duration:
55 S

Integration time = 55 S



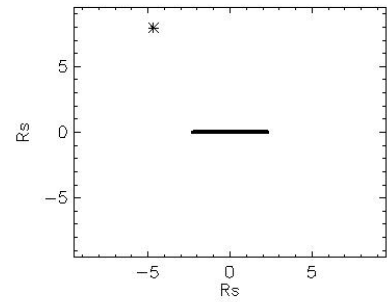
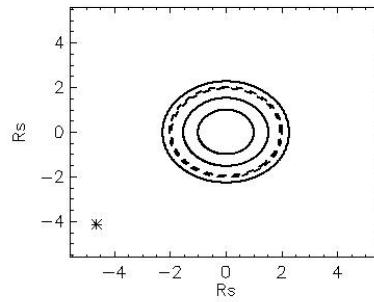
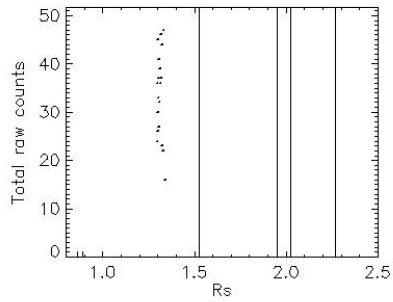
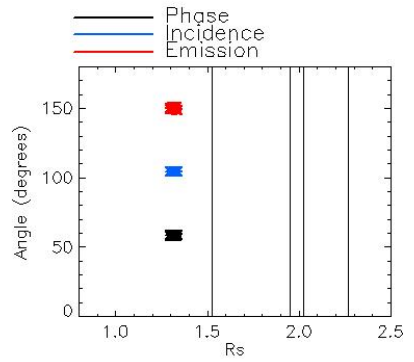
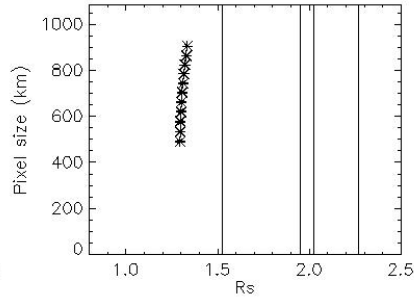
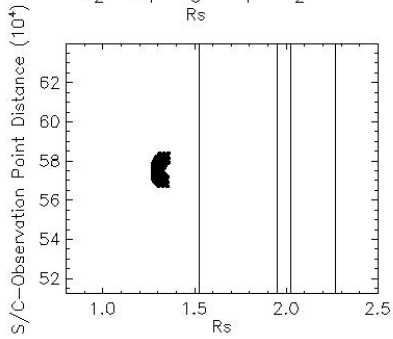


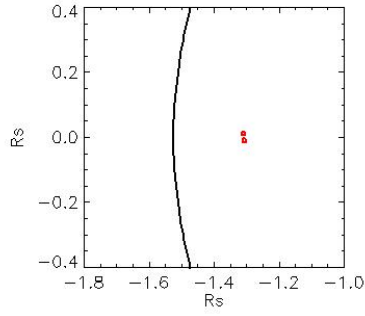
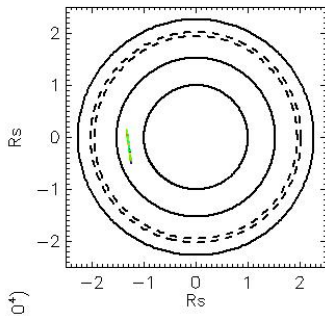
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_34_07

Observation Duration:
55 S

Integration time = 55 S



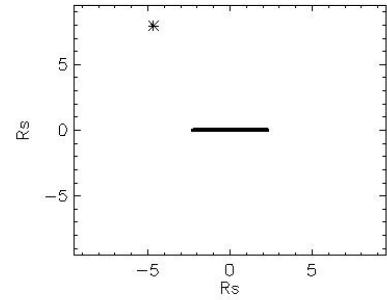
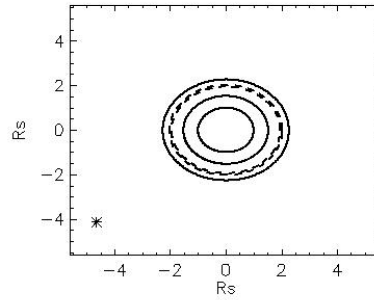
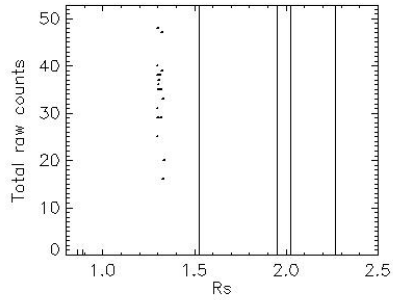
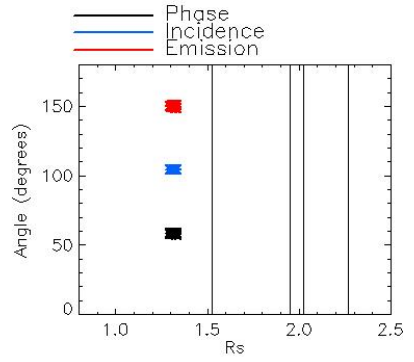
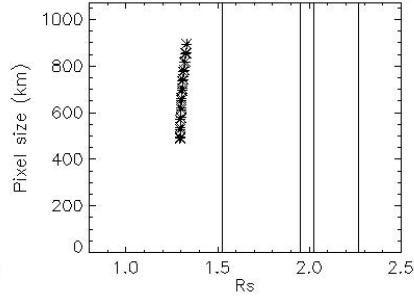
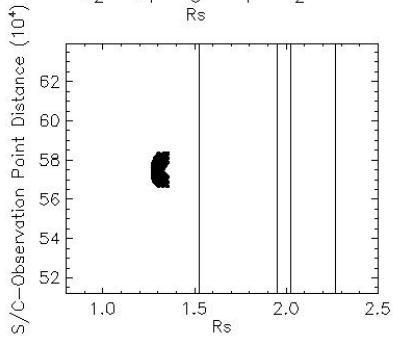


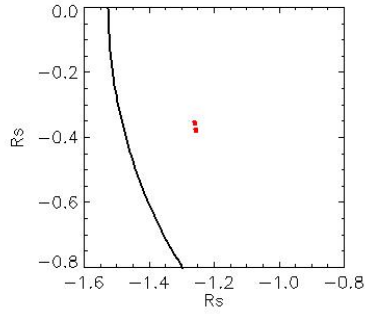
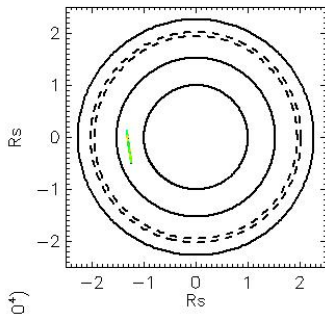
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_36_07

Observation Duration:
55 S

Integration time = 55 S



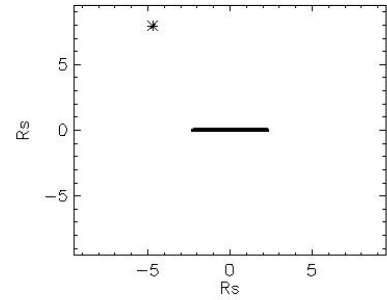
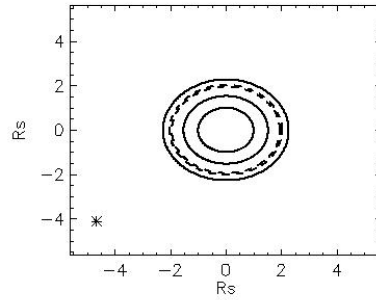
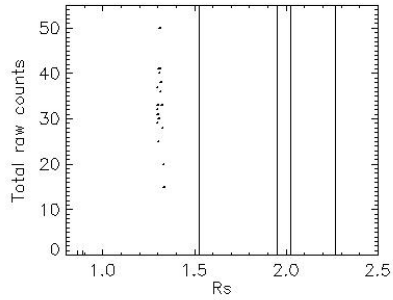
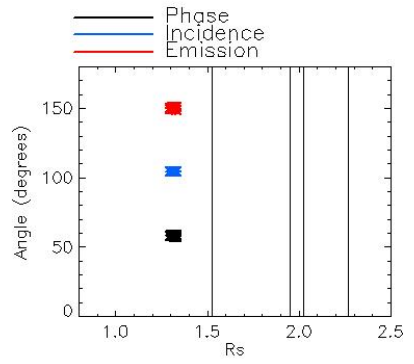
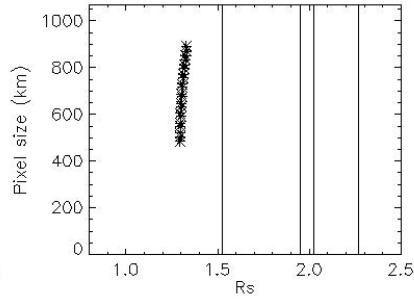
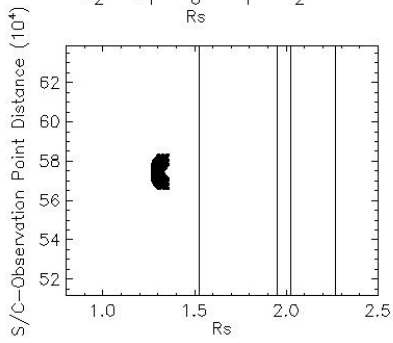


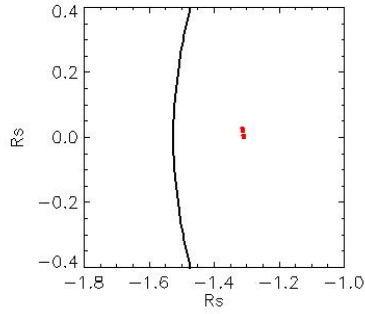
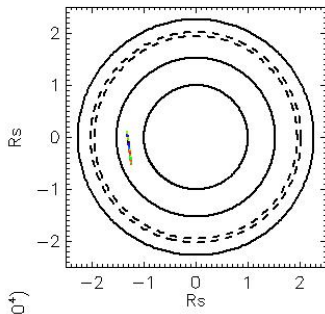
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_38_07

Observation Duration:
55 S

Integration time = 55 S



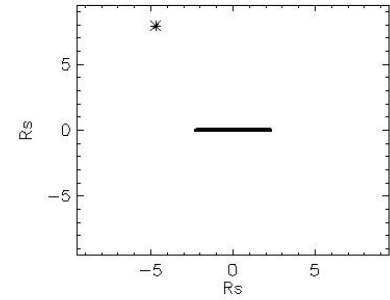
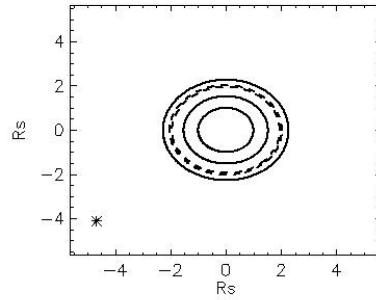
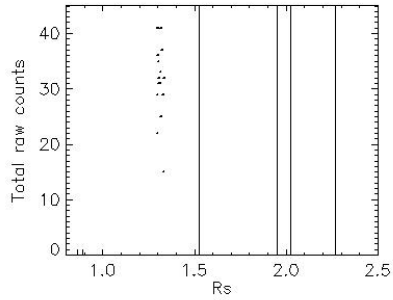
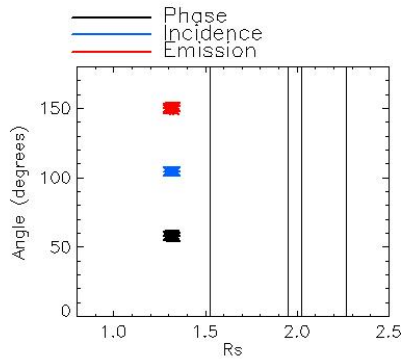
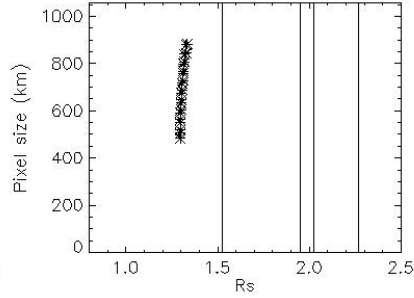
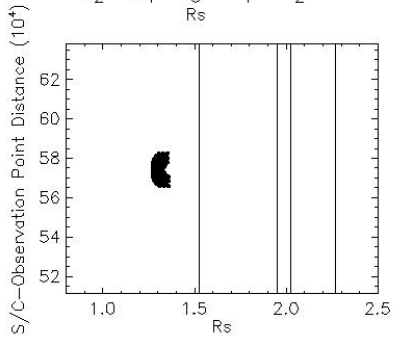


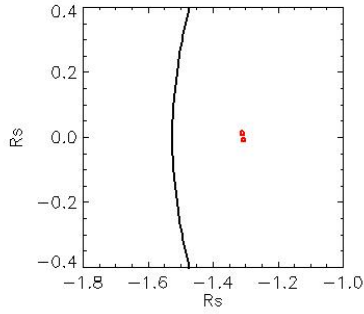
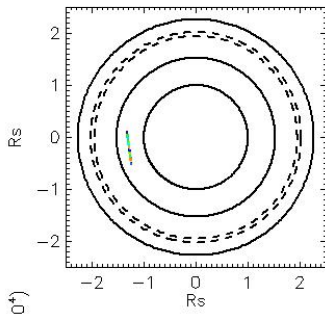
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_40_07

Observation Duration:
55 S

Integration time = 55 S



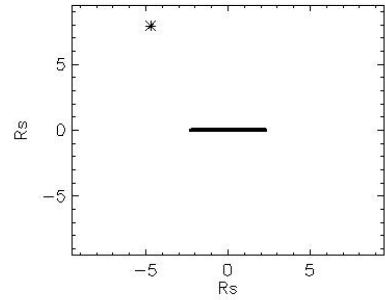
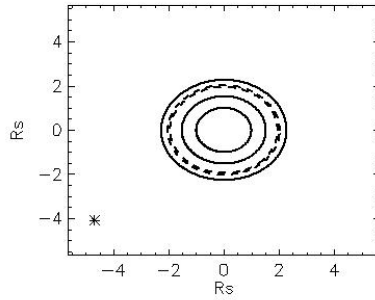
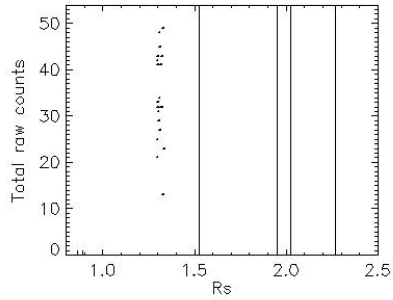
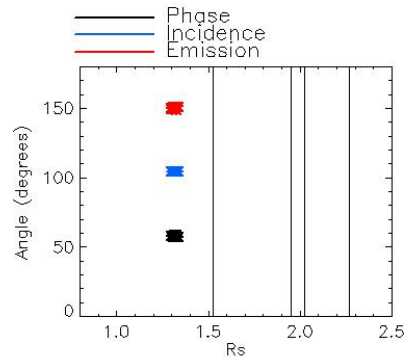
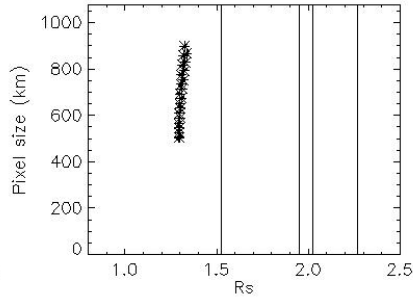
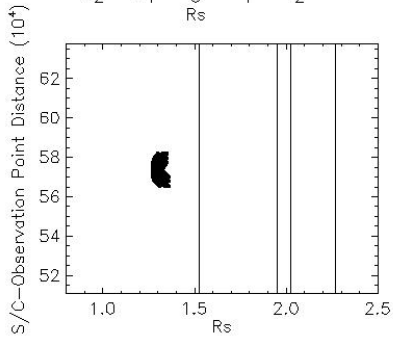


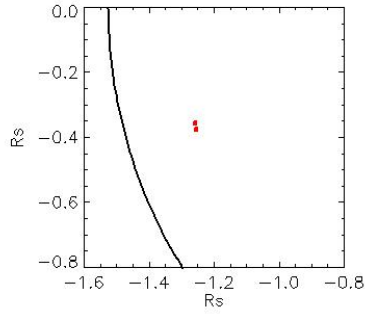
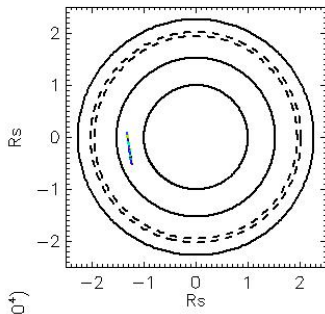
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_42_07

Observation Duration:
55 S

Integration time = 55 S



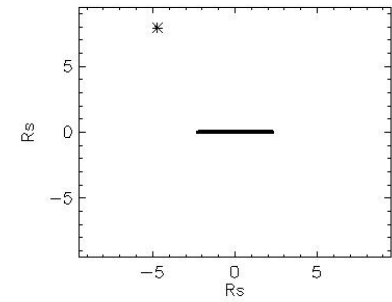
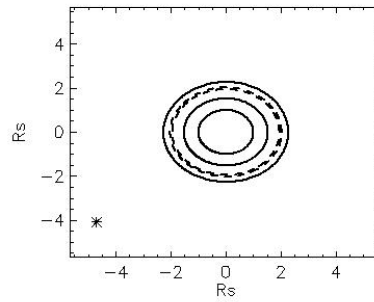
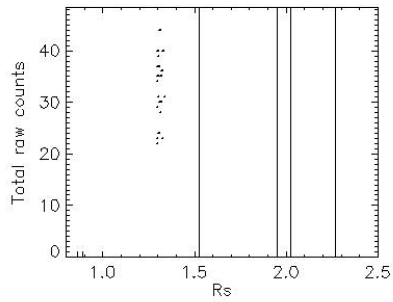
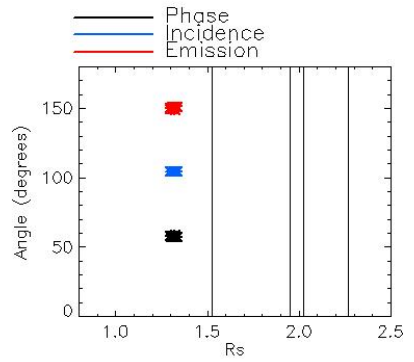
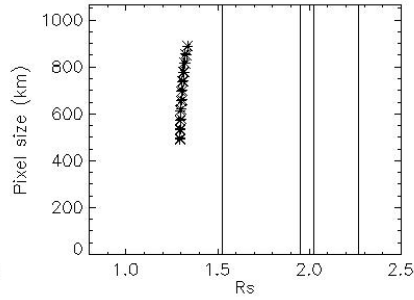
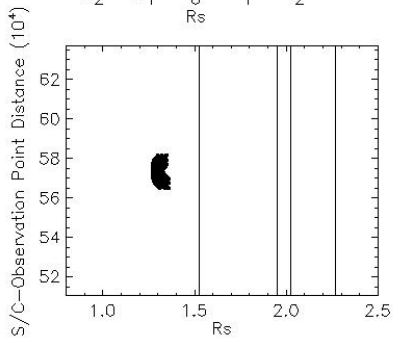


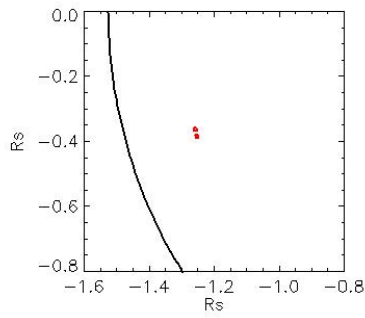
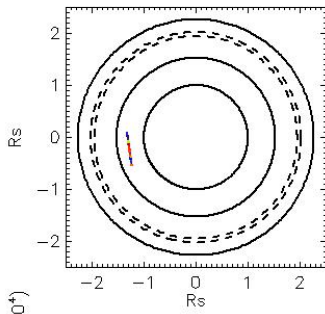
Observation Name:
UMS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_44_07

Observation Duration:
55 S

Integration time = 55 S





Observation Name:
UWS_036RLAZSCNLOPH001_ISS

Observation Date:
2006_364_22_46_07

Observation Duration:
55 S

Integration time = 55 S

