UVIS Rings Spectroscopy Atlas

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

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

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

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

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

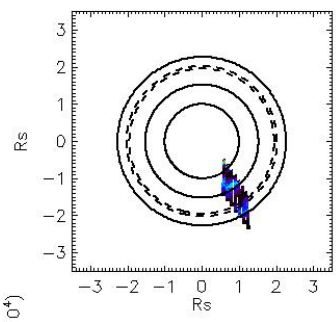
Middle center: Maximum projected smeared pixel size for all data records plotted against the radial location of the projected pixel at the middle of the integration period.

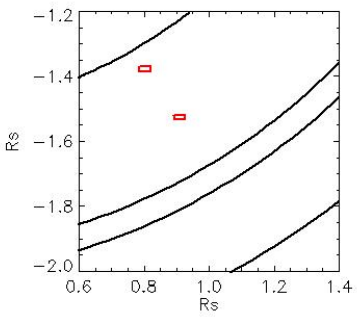
Middle right: Phase, incidence, and emission angles for each pixel for all data records at the middle of the integration period.

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

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

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



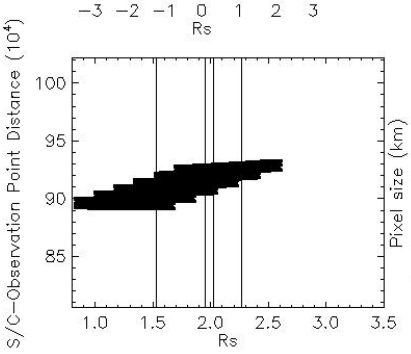


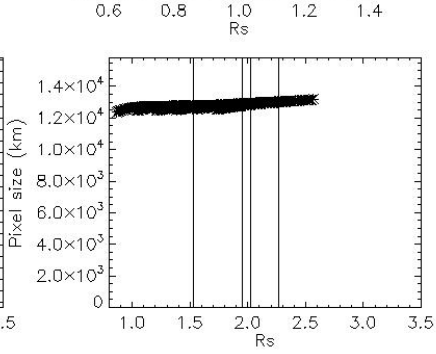
Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS

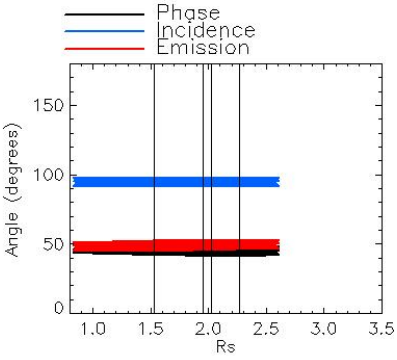
Observation Date:
2008_267_16_09_51

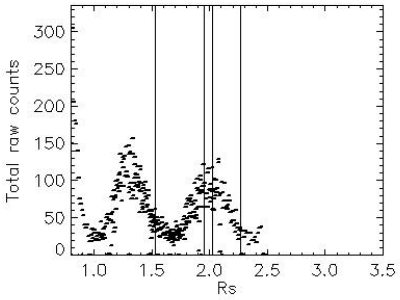
Observation Duration:
1800 S

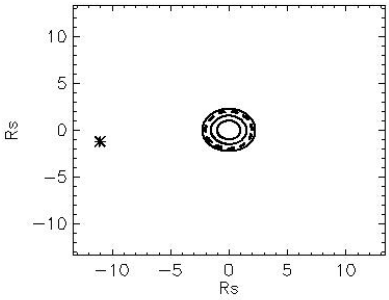
Integration time = 300 S

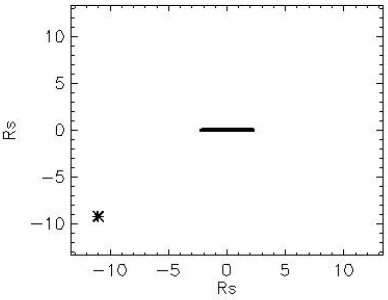










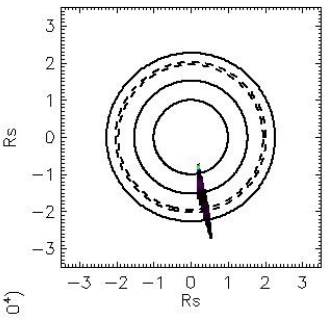


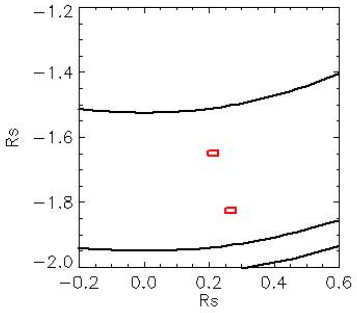
Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS

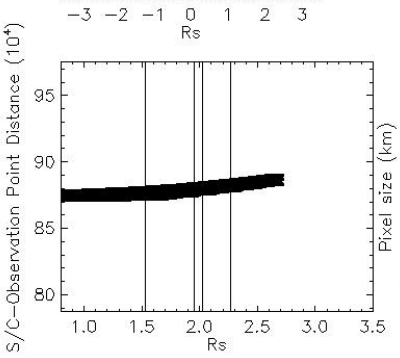
Observation Date:
2008_267_16_43_51

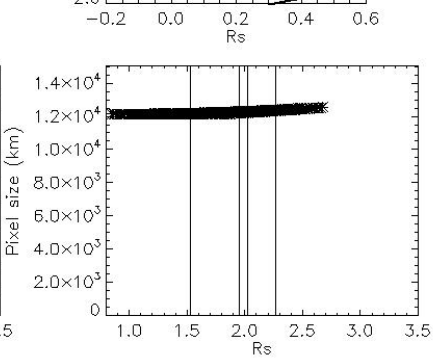
Observation Duration:
1800 S

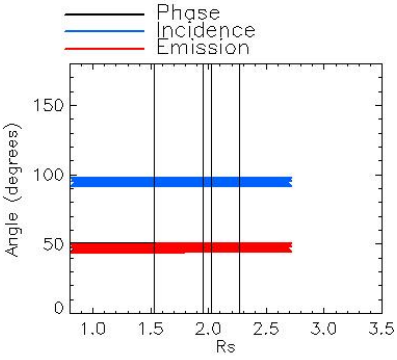
Integration time = 300 S

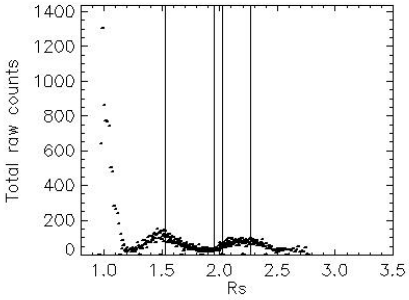


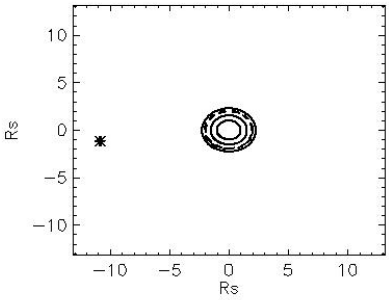


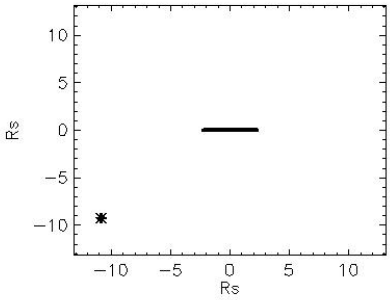


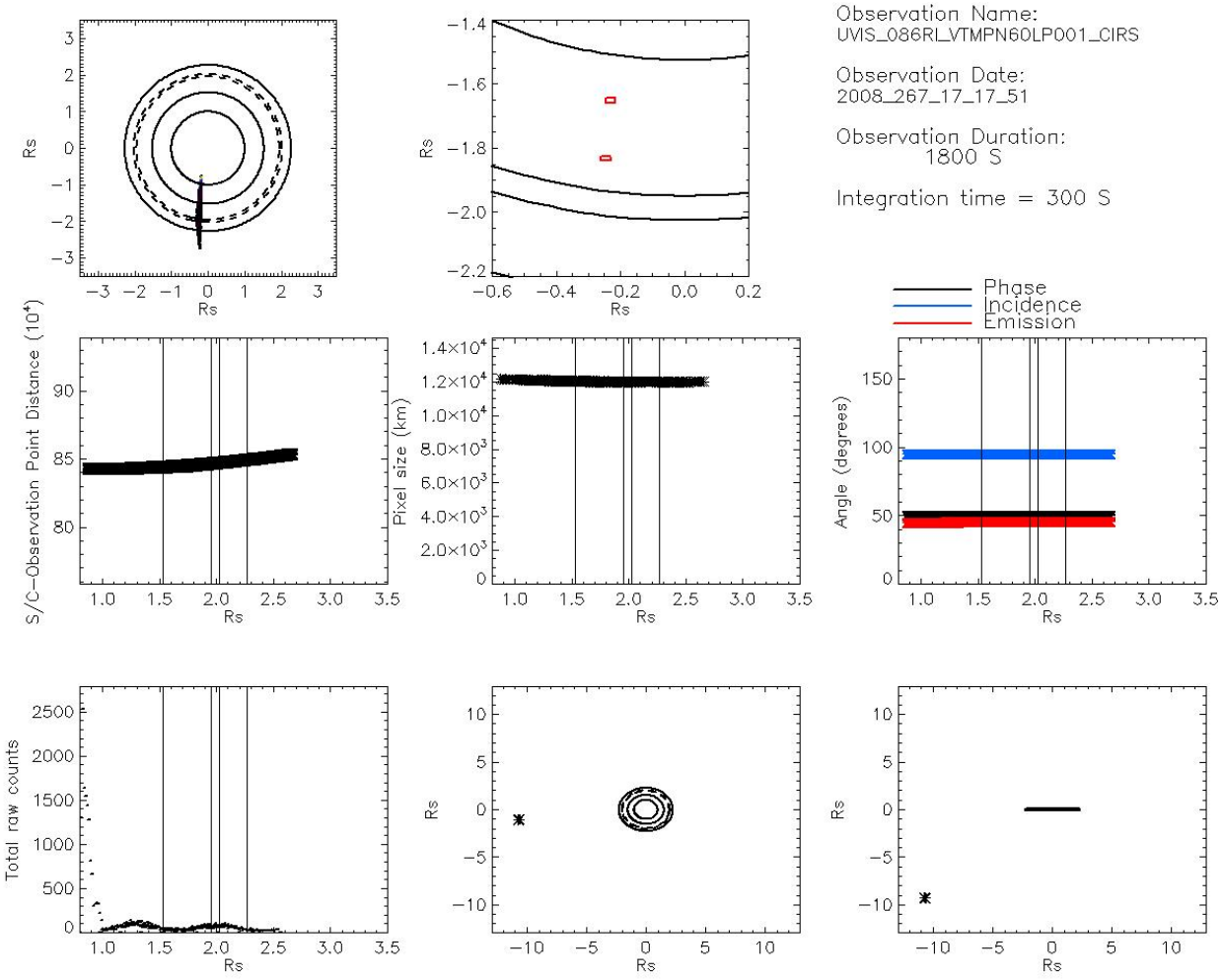


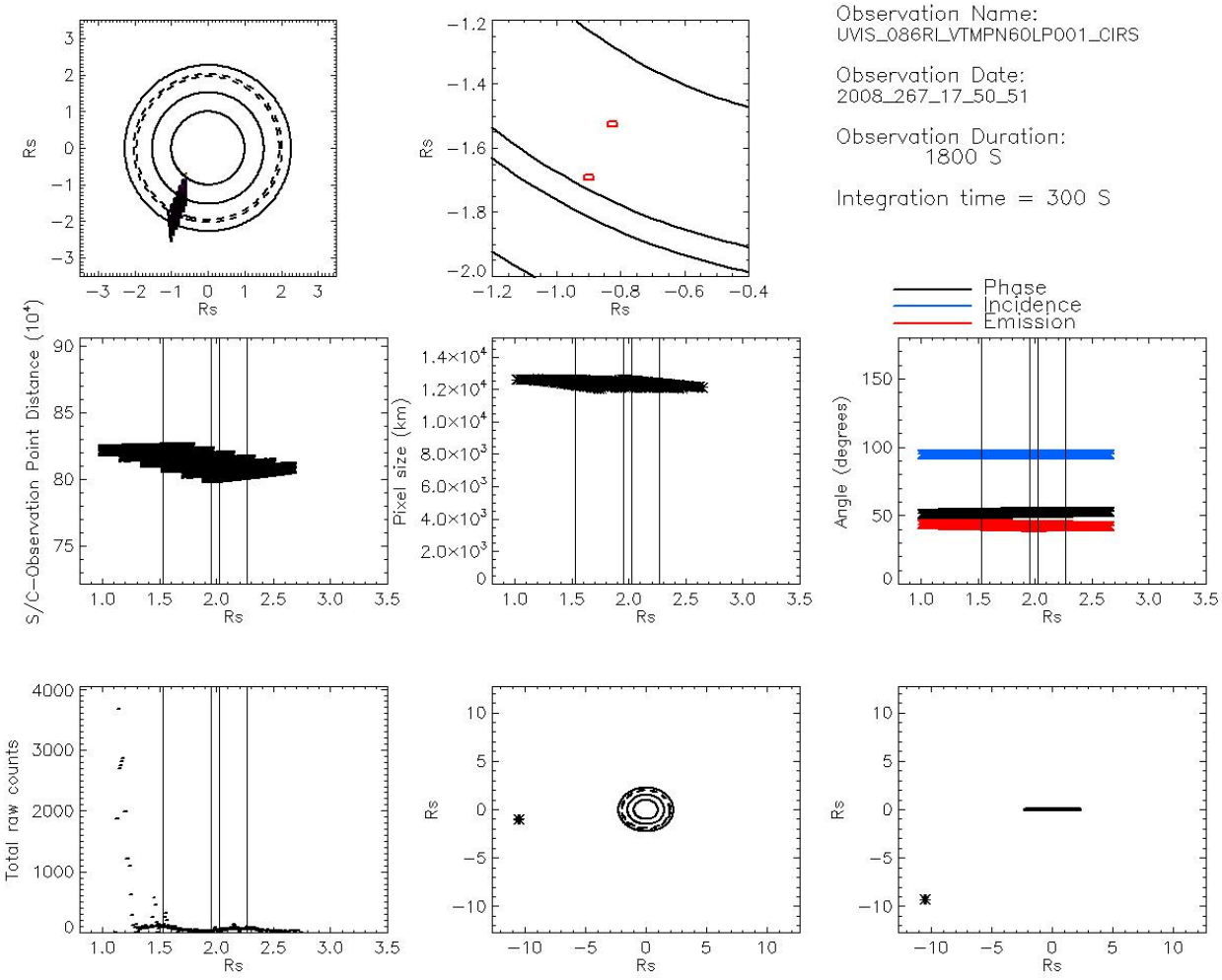


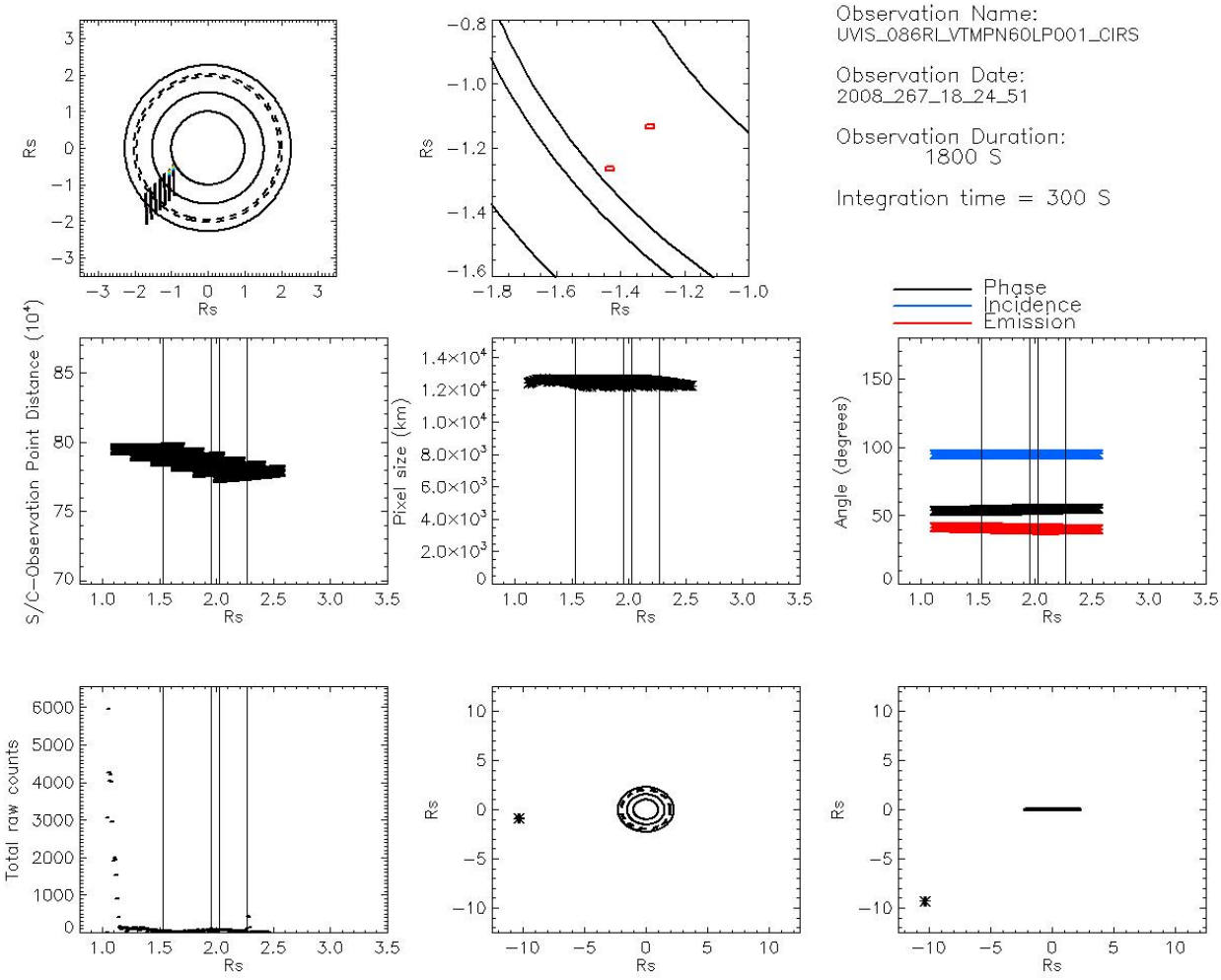


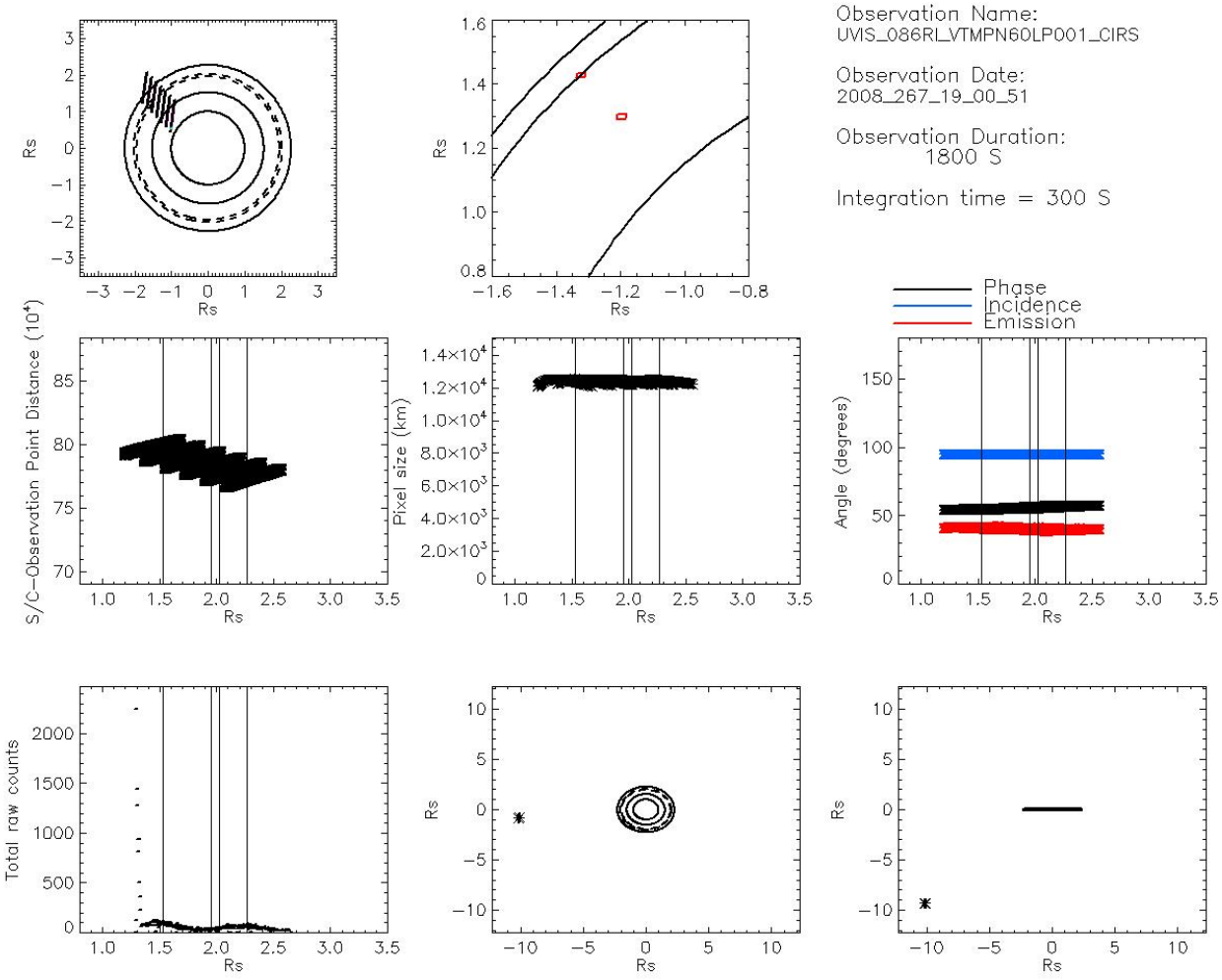


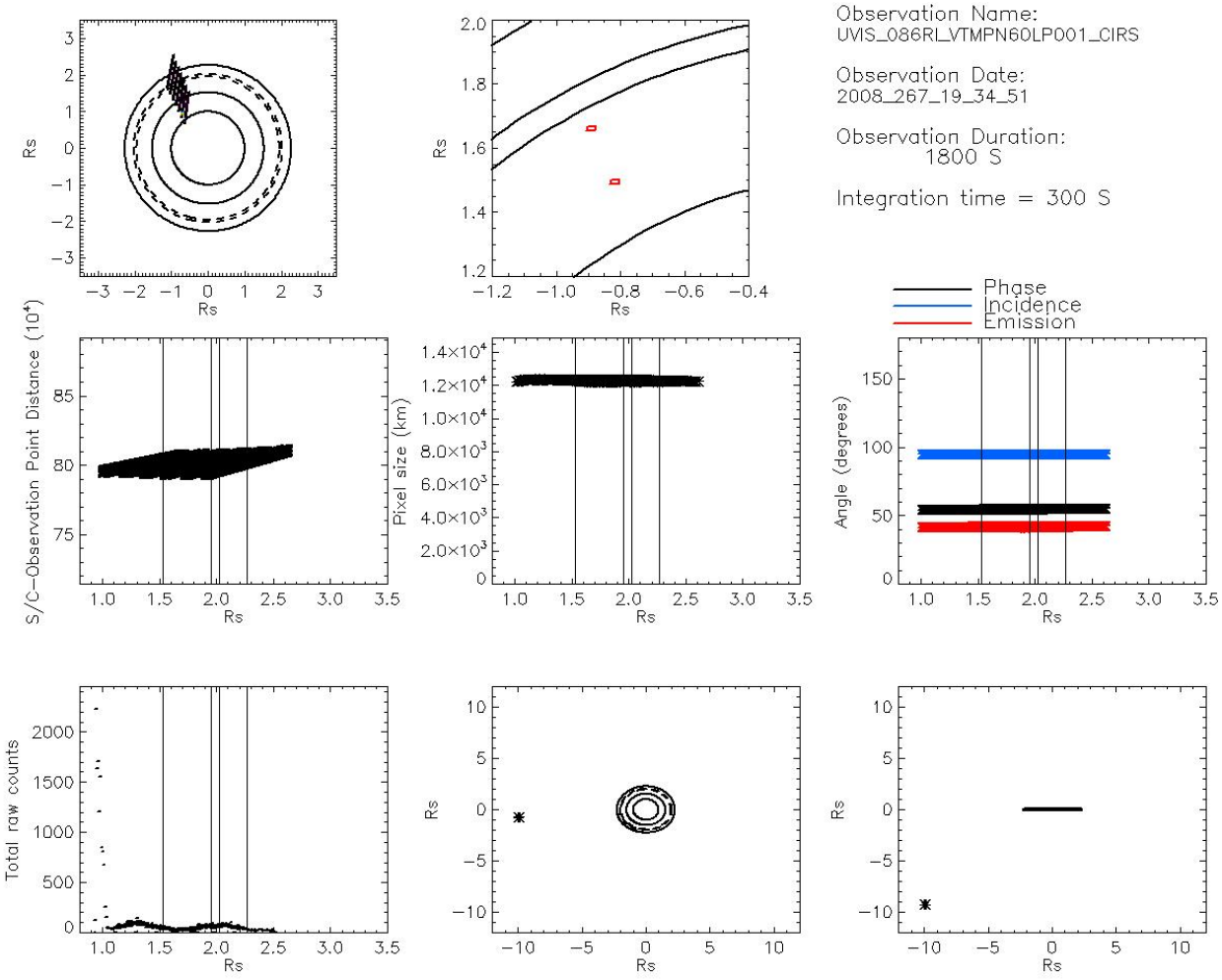


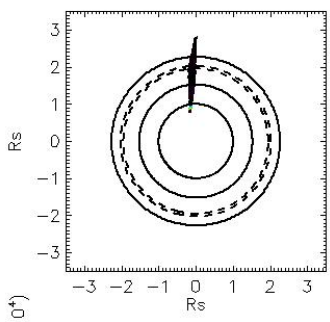

Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS
Observation Date:
2008_267_17_17_51
Observation Duration:
1800 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

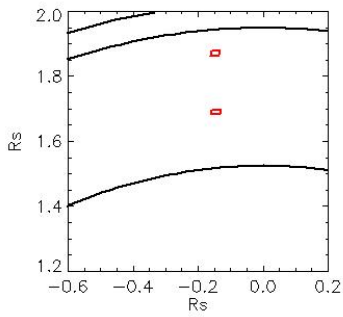

Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS
Observation Date:
2008_267_17_50_51
Observation Duration:
1800 S
Integration time = 300 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS
Observation Date:
2008_267_18_24_51
Observation Duration:
1800 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS
Observation Date:
2008_267_19_00_51
Observation Duration:
1800 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS
Observation Date:
2008_267_19_34_51
Observation Duration:
1800 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10⁴)
Pixel size (km)
Angle (degrees)
Total raw counts



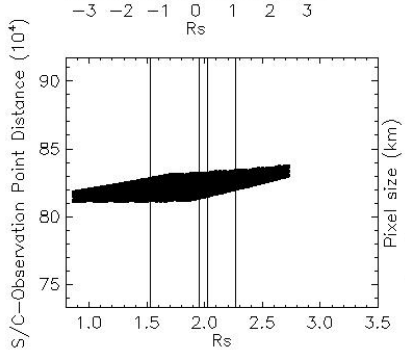


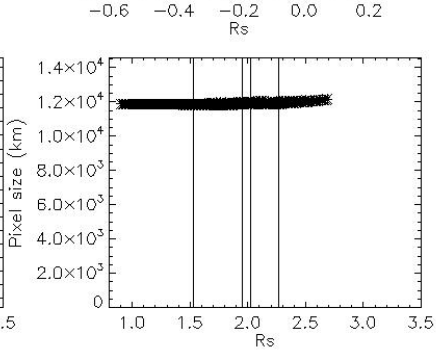
Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS

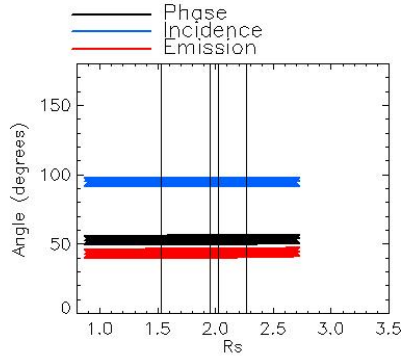
Observation Date:
2008_267_20_07_51

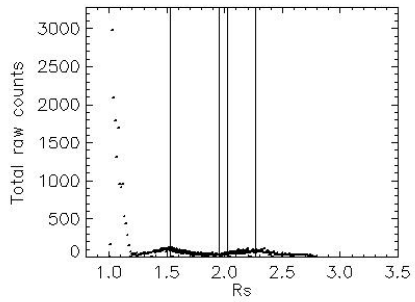
Observation Duration:
1800 S

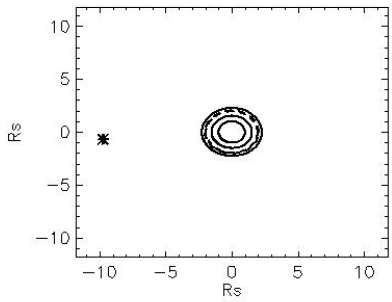
Integration time = 300 S

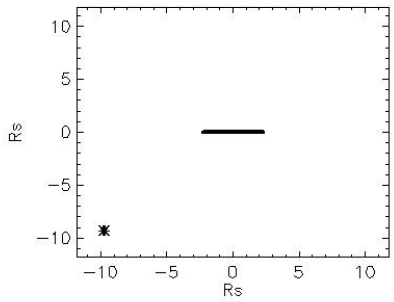


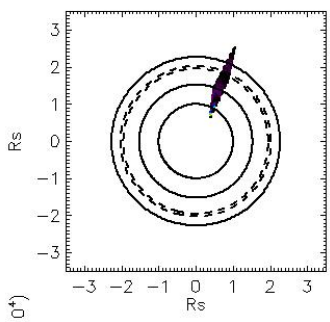


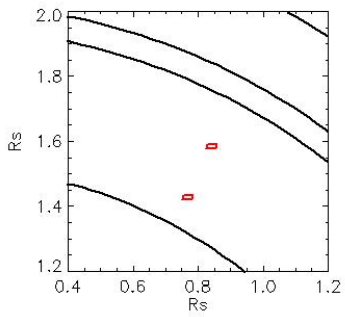










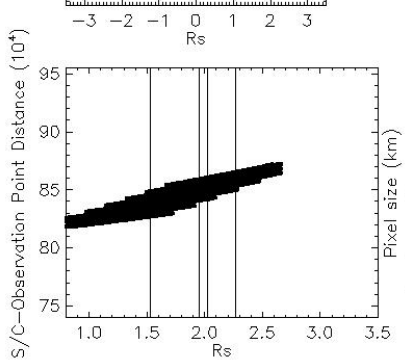


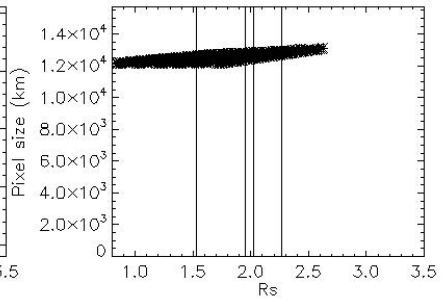
Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS

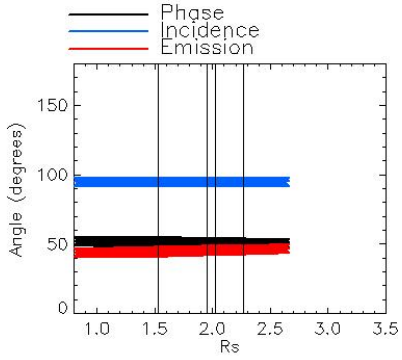
Observation Date:
2008_267_20_41_51

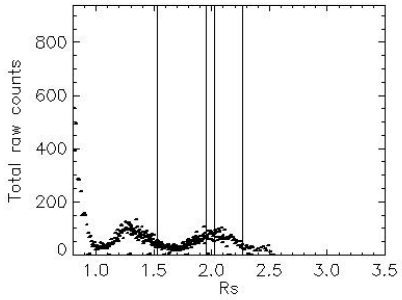
Observation Duration:
1800 S

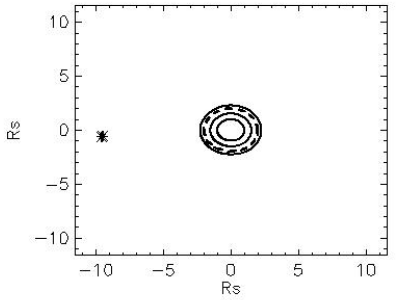
Integration time = 300 S

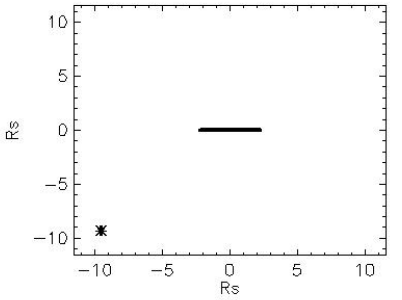


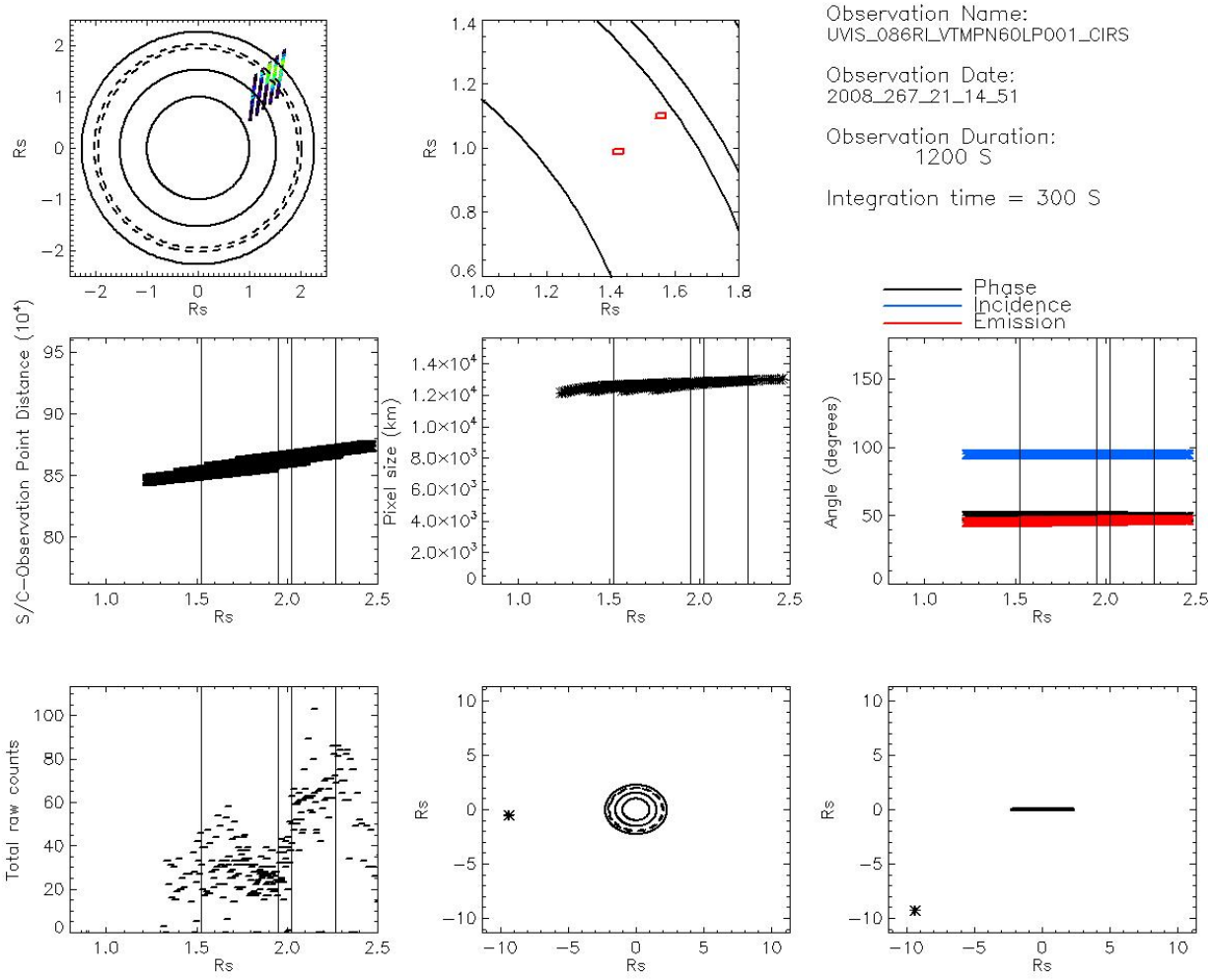


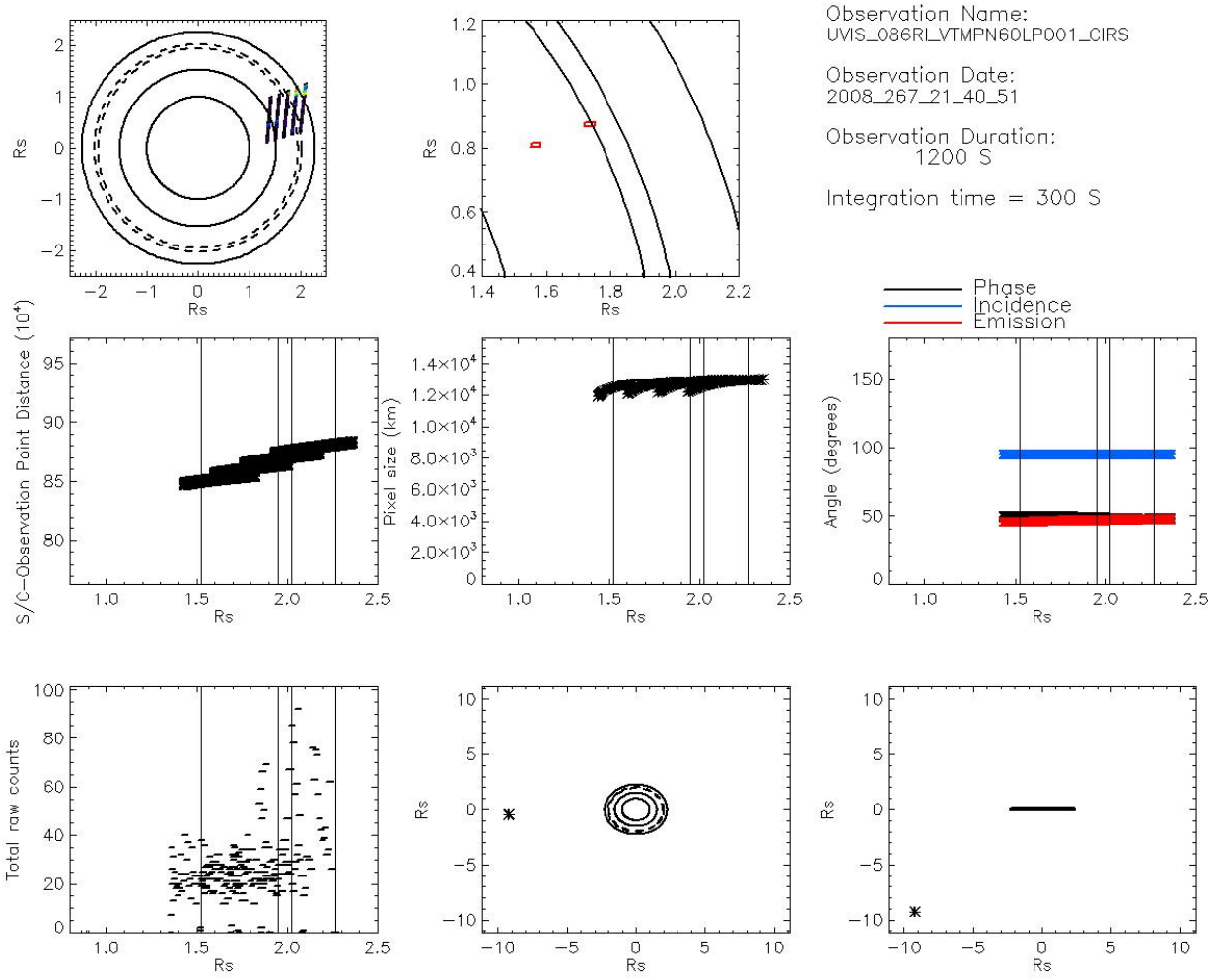


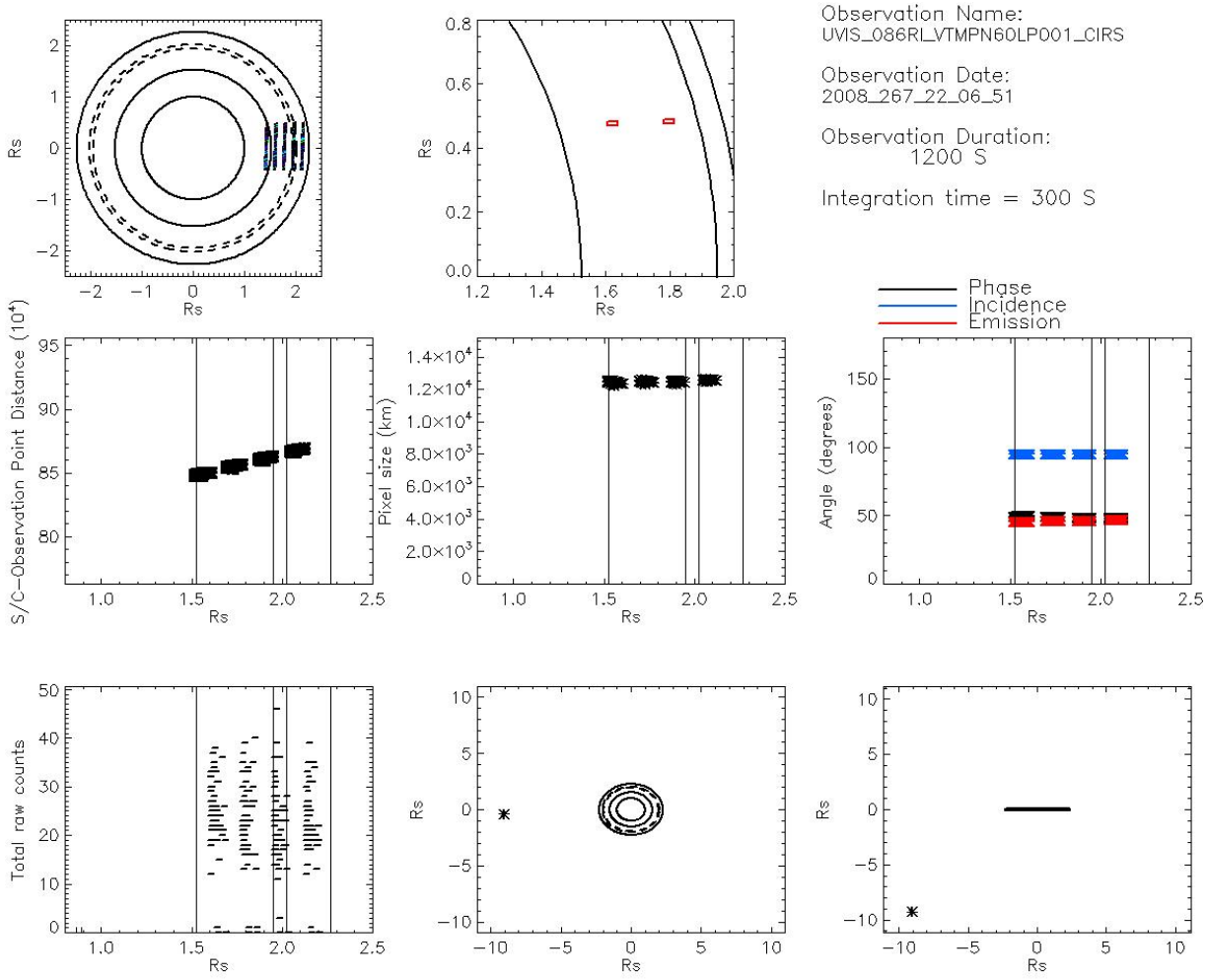


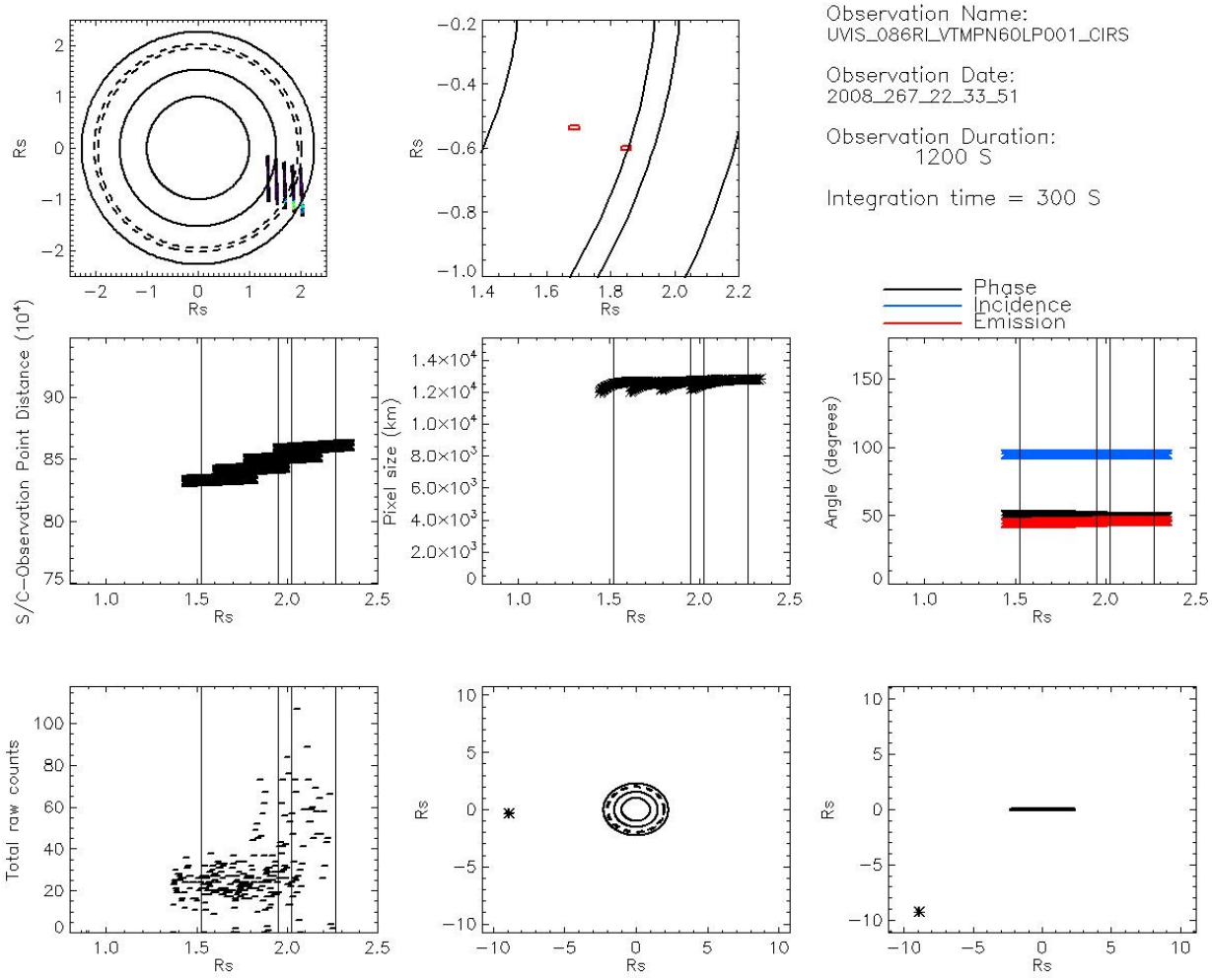


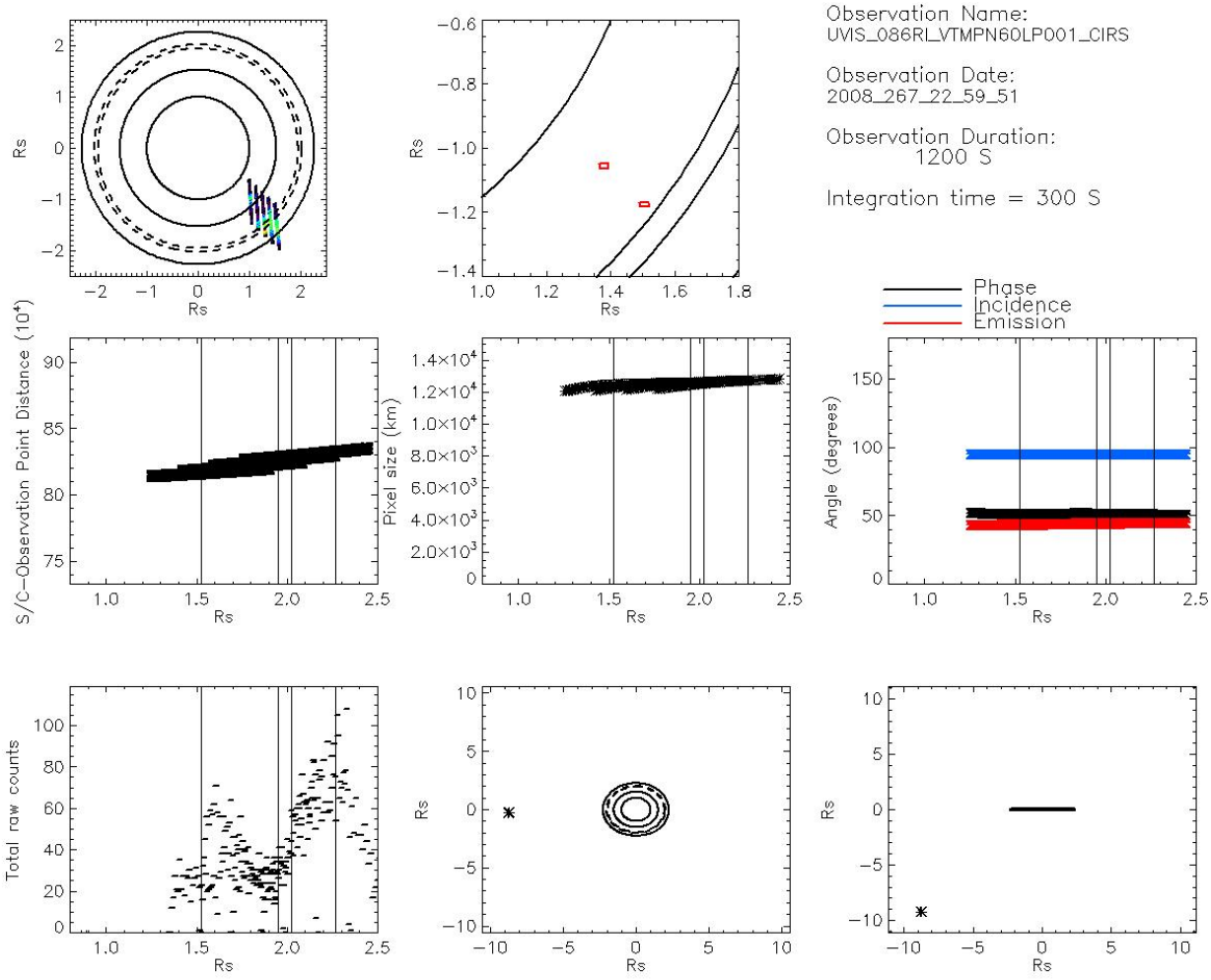


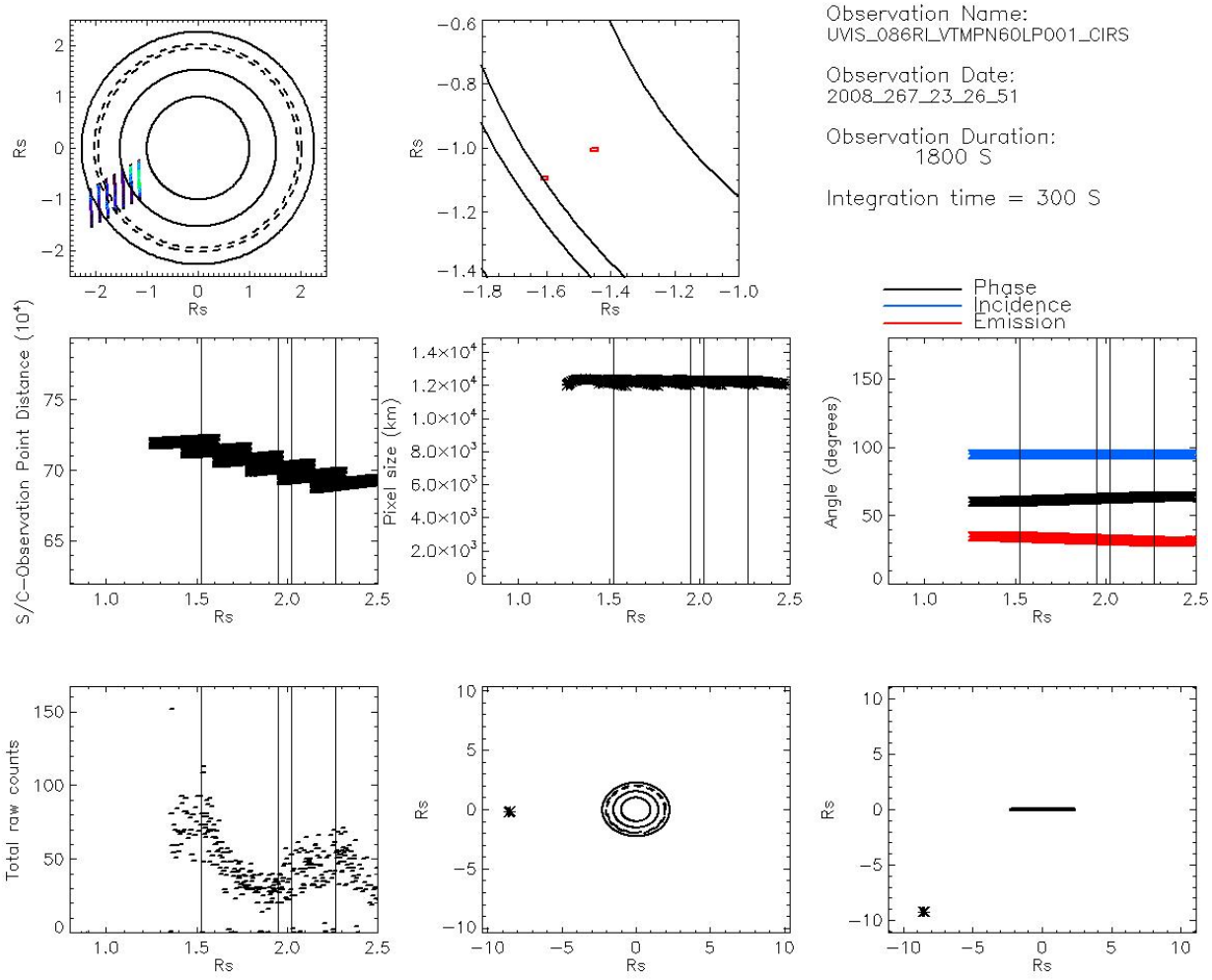

Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS
Observation Date:
2008_267_21_14_51
Observation Duration:
1200 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

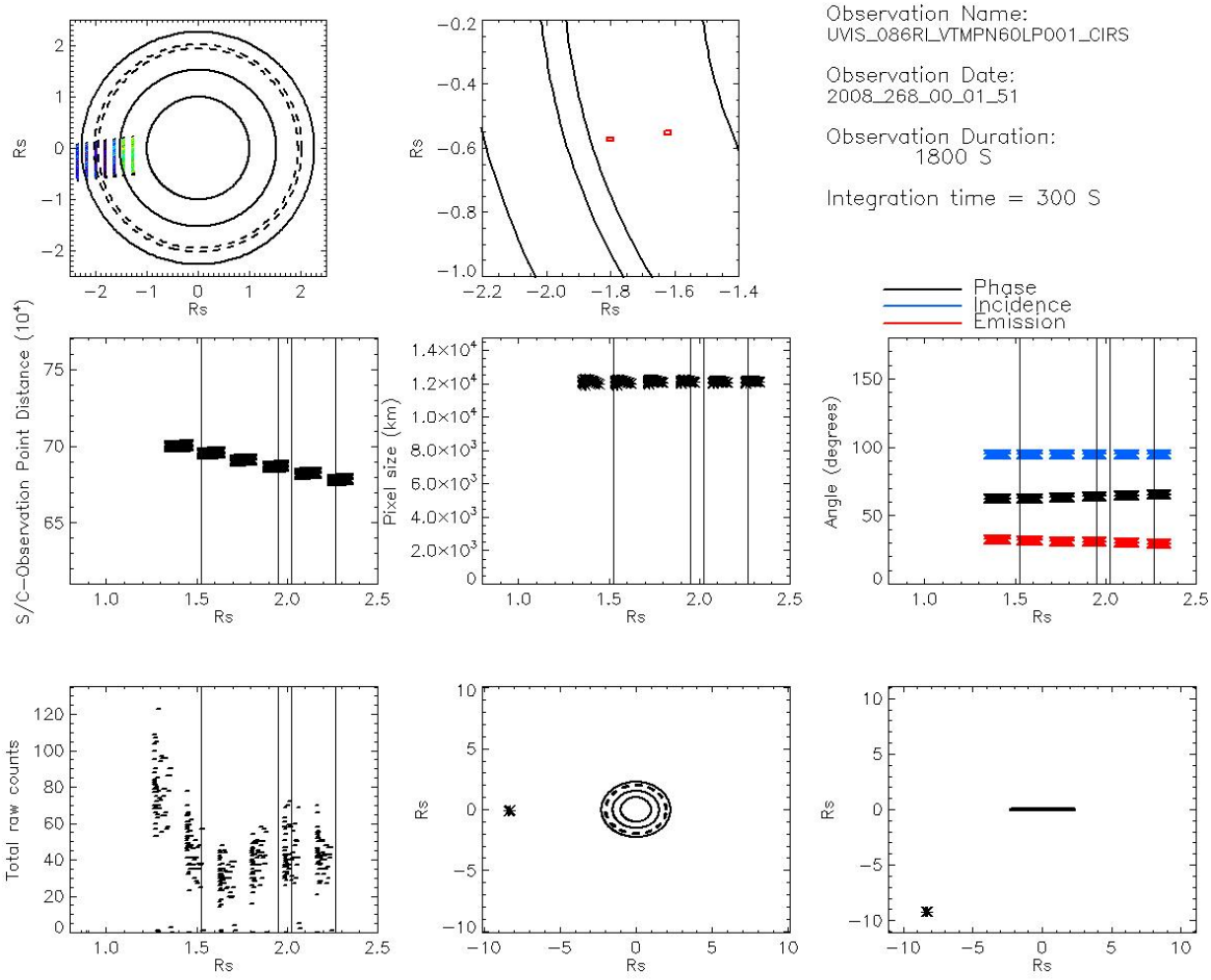

Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS
Observation Date:
2008_267_21_40_51
Observation Duration:
1200 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

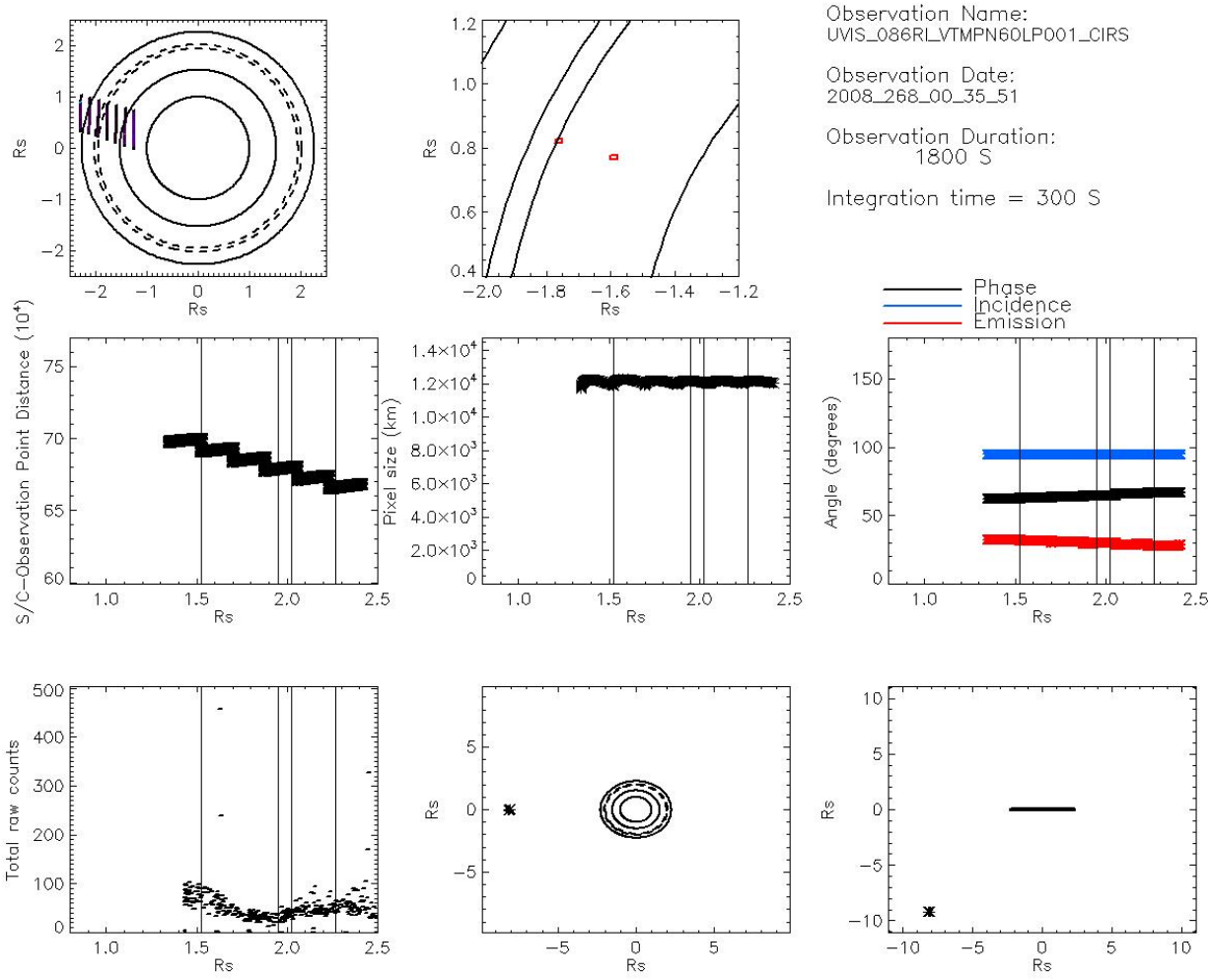

Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS
Observation Date:
2008_267_22_06_51
Observation Duration:
1200 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

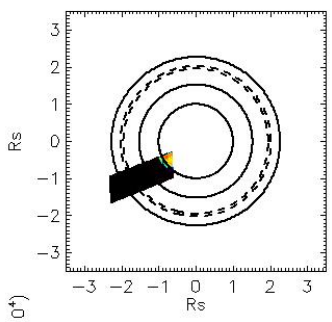

Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS
Observation Date:
2008_267_22_33_51
Observation Duration:
1200 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

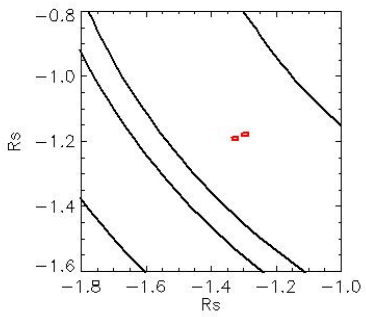

Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS
Observation Date:
2008_267_22_59_51
Observation Duration:
1200 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS
Observation Date:
2008_267_23_26_51
Observation Duration:
1800 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS
Observation Date:
2008_268_00_01_51
Observation Duration:
1800 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_086RI_VTMPN60LP001_CIRS
Observation Date:
2008_268_00_35_51
Observation Duration:
1800 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10⁴)
Pixel size (km)
Angle (degrees)
Total raw counts



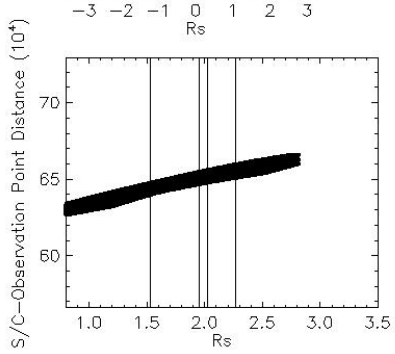


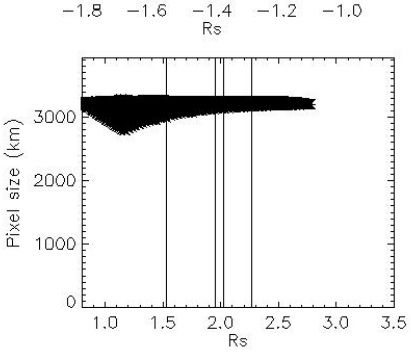
Observation Name:
UVIS_086RI_GAMCRUOCC001_VIMS

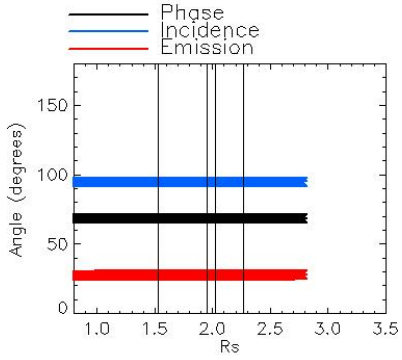
Observation Date:
2008_268_01_41_01

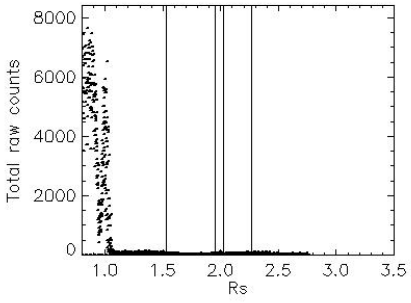
Observation Duration:
15600 S

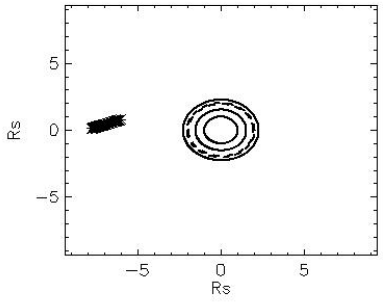
Integration time = 300 S

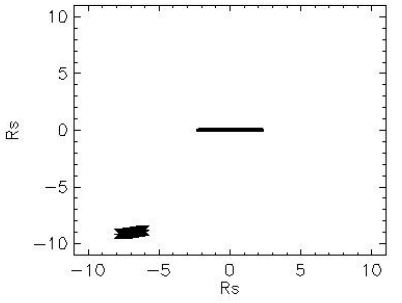


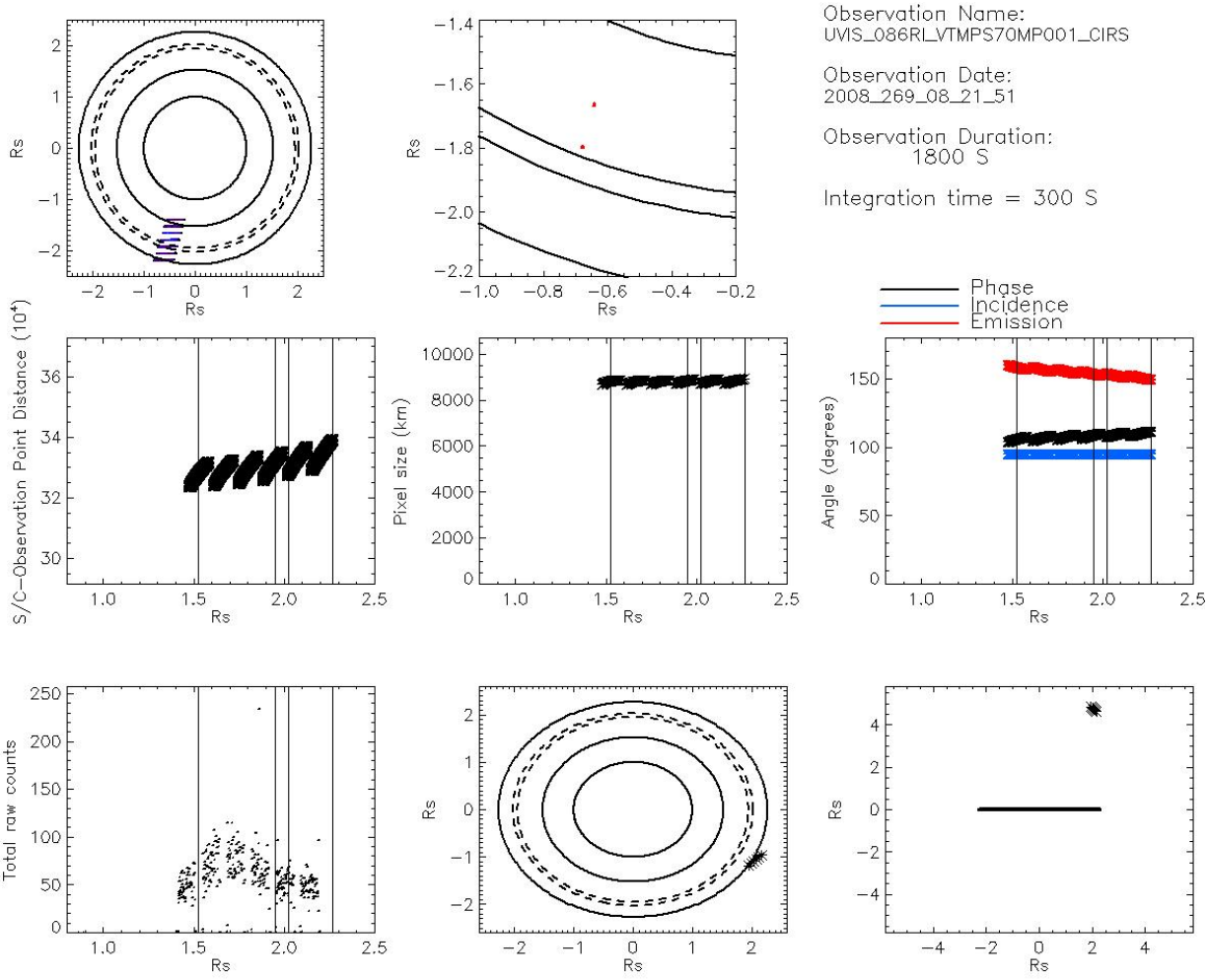


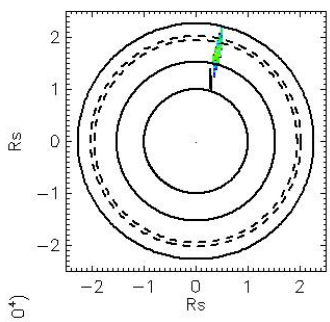


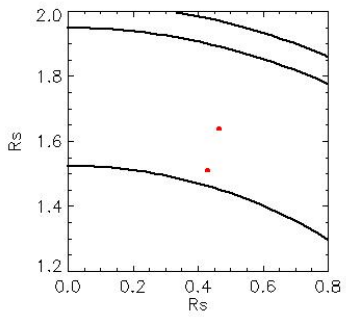







Observation Name:
UVIS_086RI_VTMPS70MP001_CIRS
Observation Date:
2008_269_08_21_51
Observation Duration:
1800 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



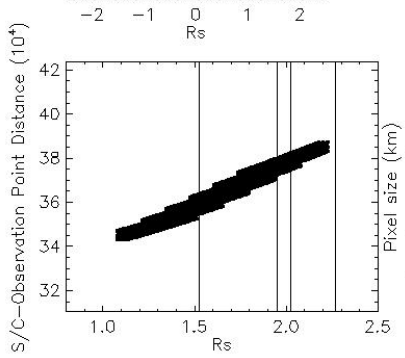


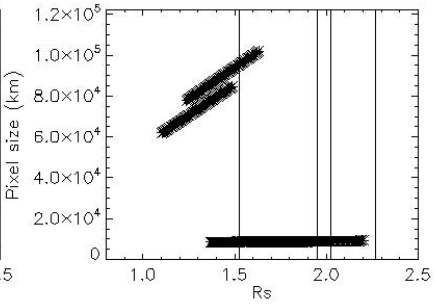
Observation Name:
UVIS_086RI_VTMPS70MP001_CIRS

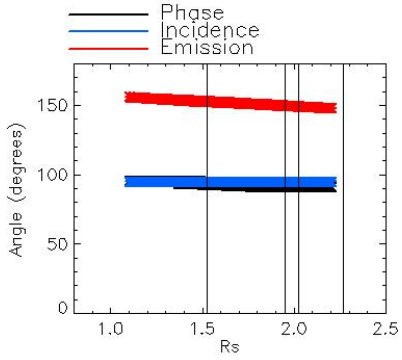
Observation Date:
2008_269_09_08_51

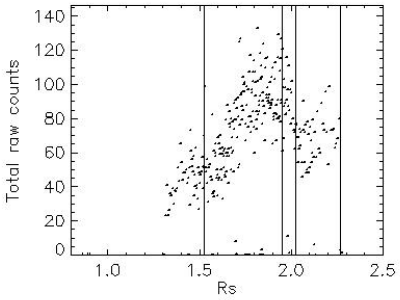
Observation Duration:
1800 S

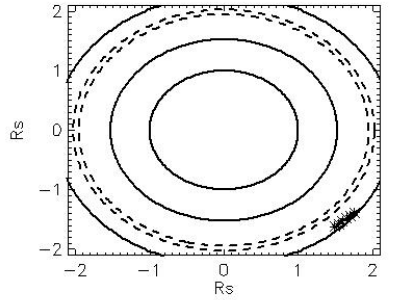
Integration time = 300 S

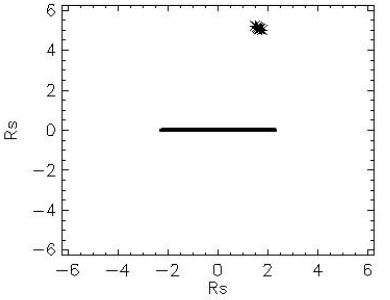


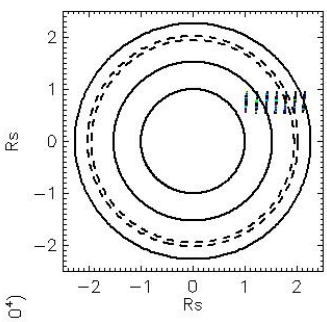


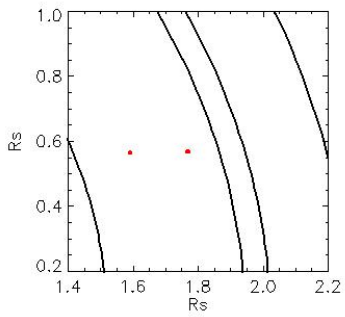










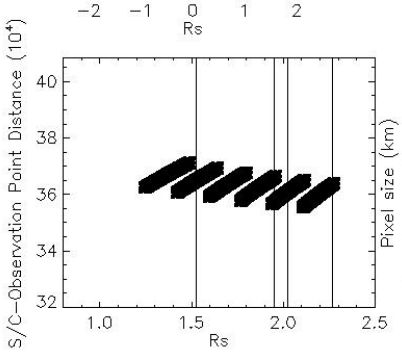


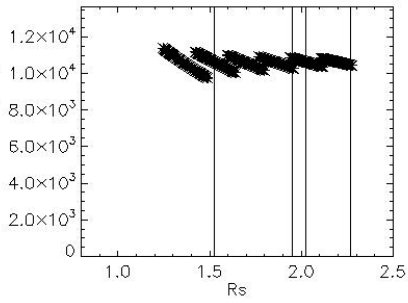
Observation Name:
UVIS_086RI_VTMPS70MP001_CIRS

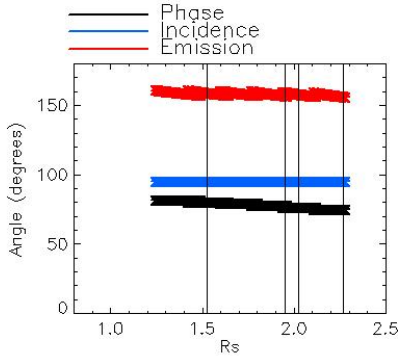
Observation Date:
2008_269_09_46_51

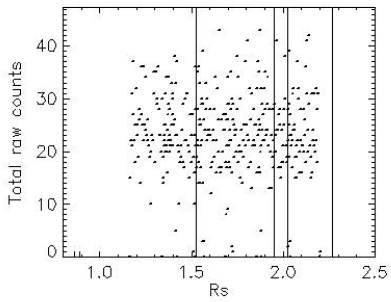
Observation Duration:
1800 S

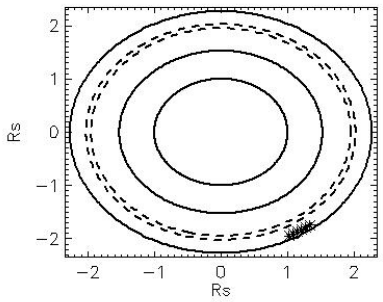
Integration time = 300 S

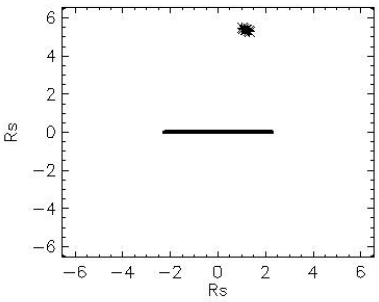


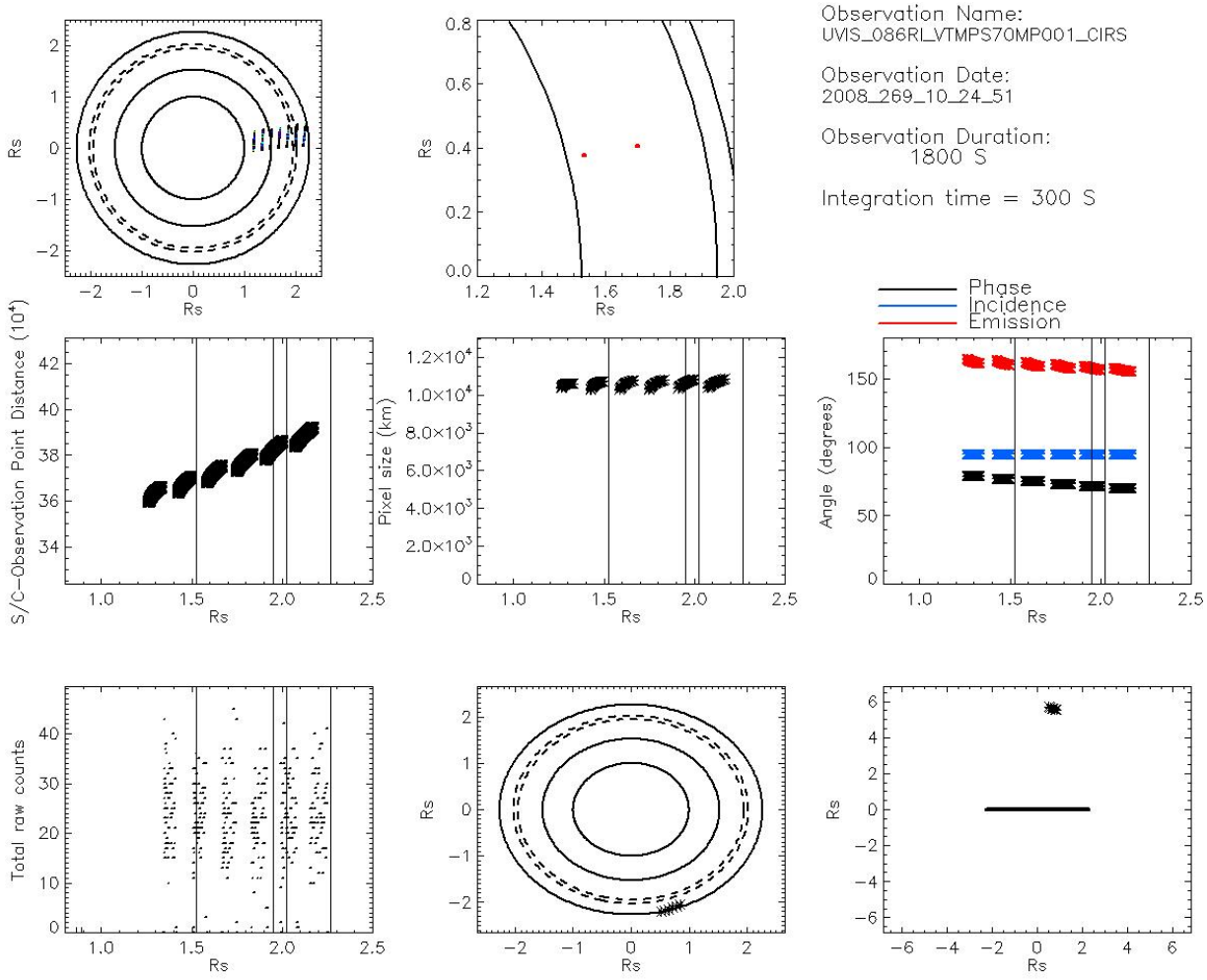


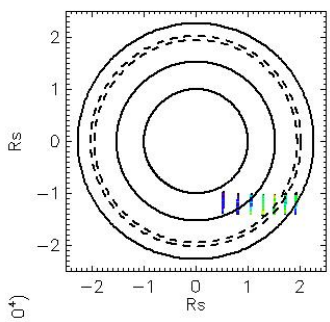


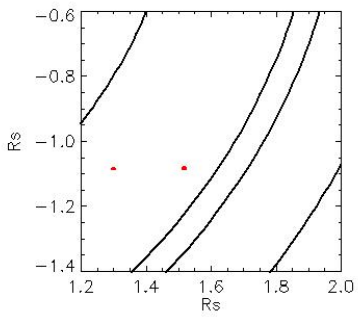







Observation Name:
UVIS_086RI_VTMPS70MP001_CIRS
Observation Date:
2008_269_10_24_51
Observation Duration:
1800 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



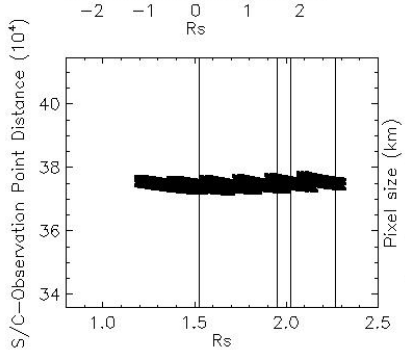


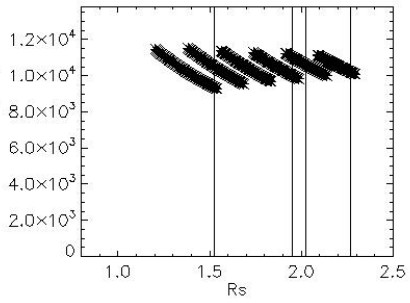
Observation Name:
UVIS_086RI_VTMPS70MP001_CIRS

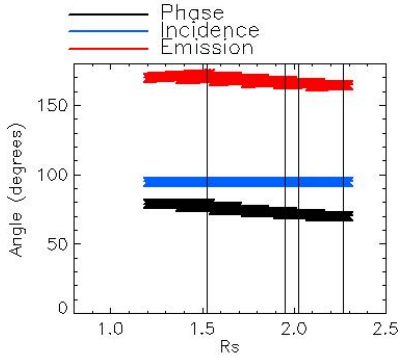
Observation Date:
2008_269_11_05_51

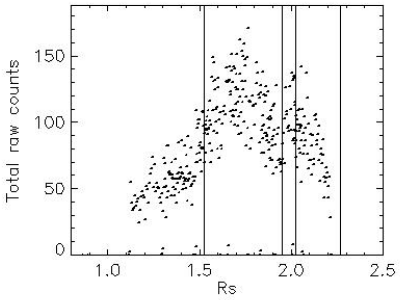
Observation Duration:
1800 S

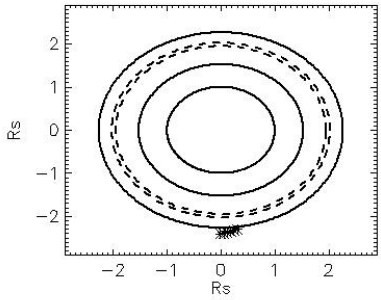
Integration time = 300 S

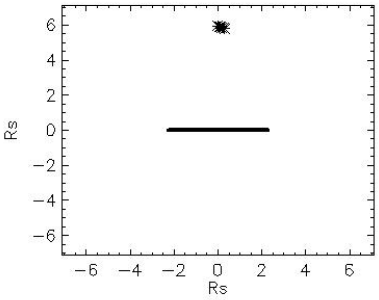


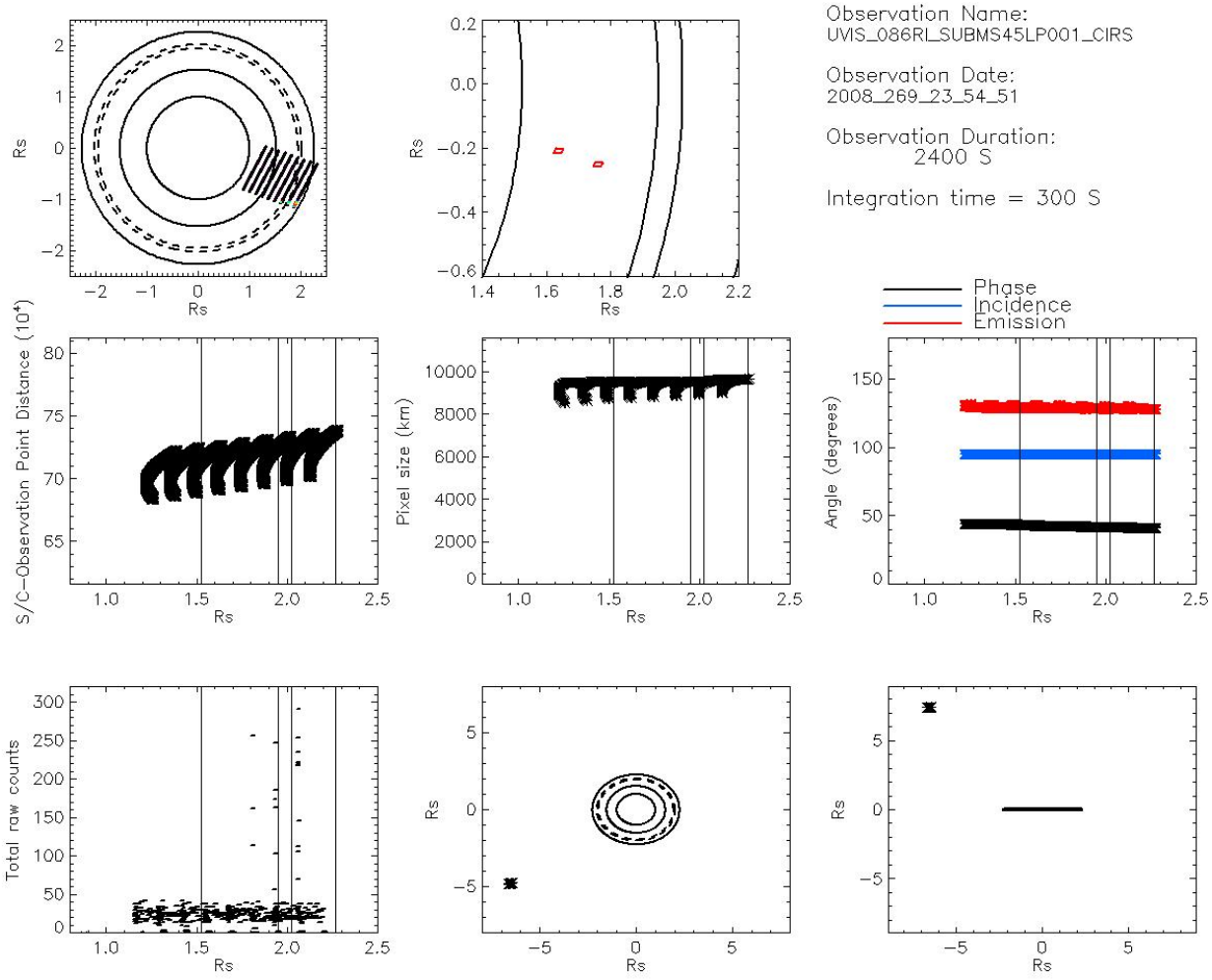


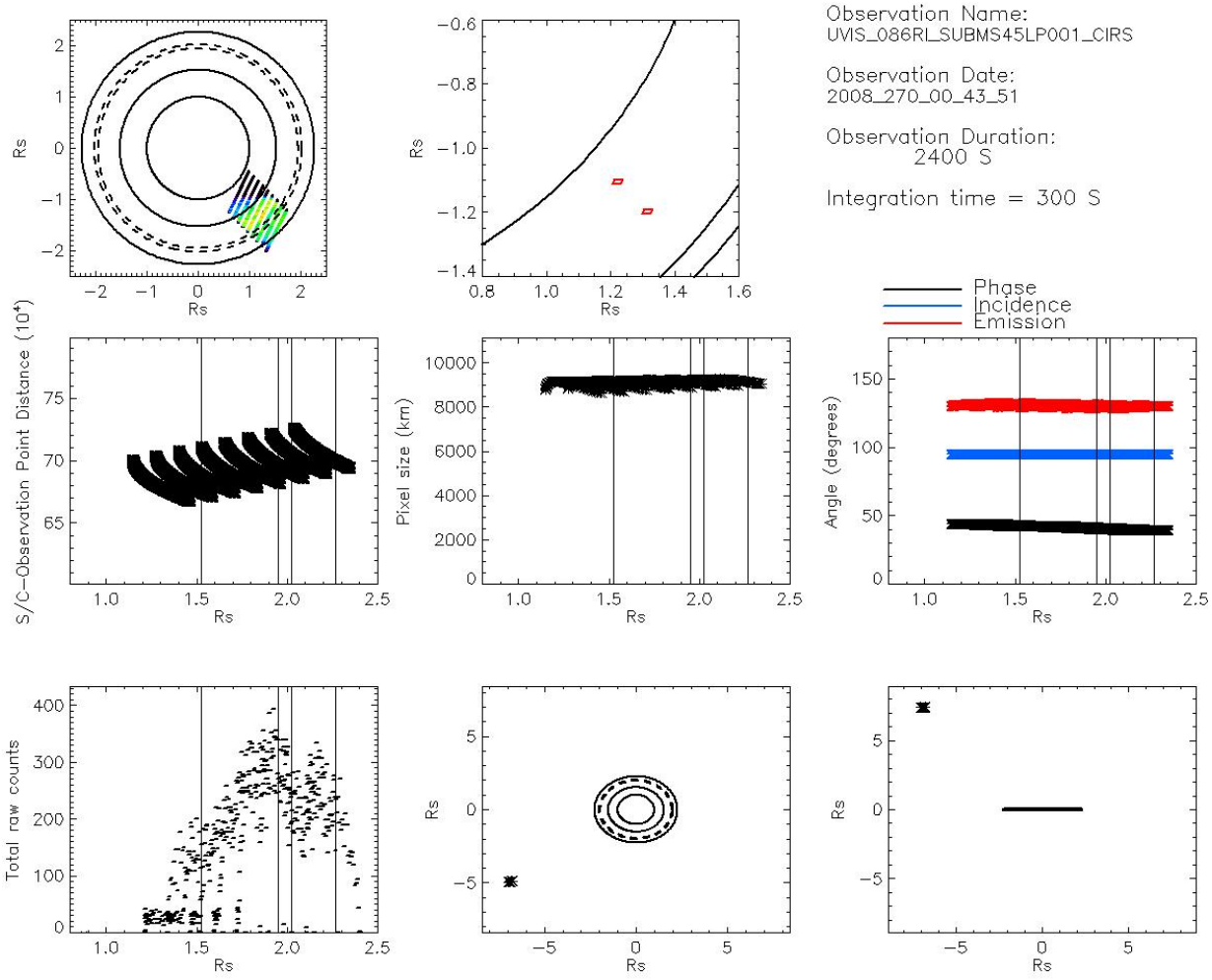


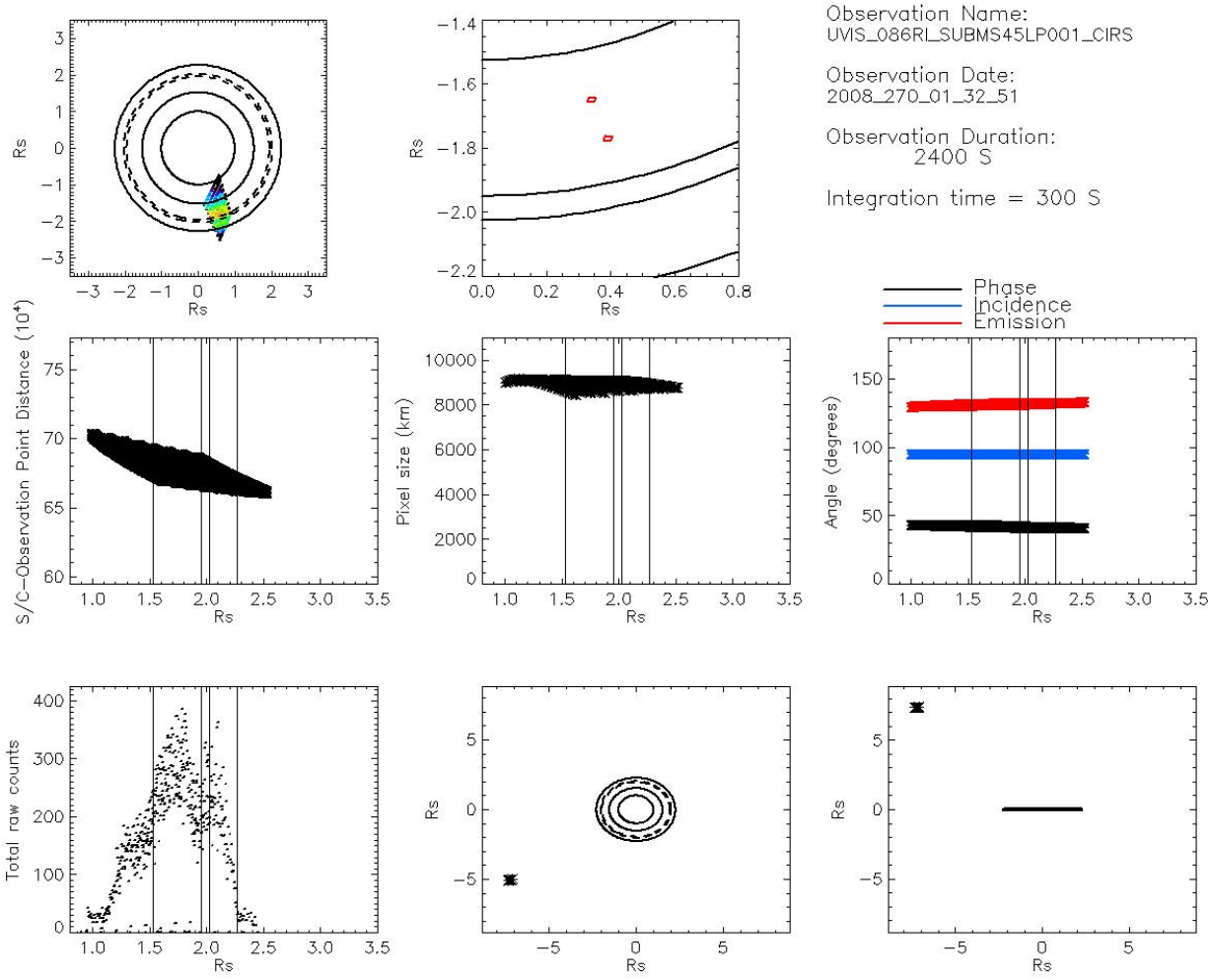


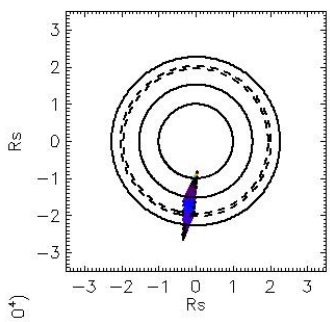


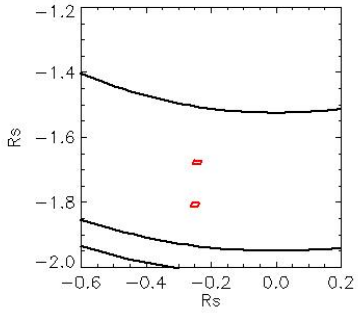



Observation Name:
UVIS_086RI_SUBMS45LP001_CIRS
Observation Date:
2008_269_23_54_51
Observation Duration:
2400 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_086RI_SUBMS45LP001_CIRS
Observation Date:
2008_270_00_43_51
Observation Duration:
2400 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_086RI_SUBMS45LP001_CIRS
Observation Date:
2008_270_01_32_51
Observation Duration:
2400 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



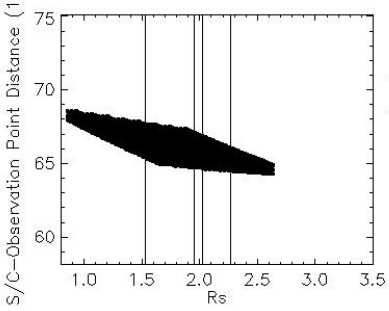


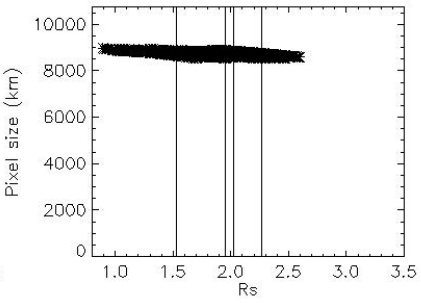
Observation Name:
UVIS_086RI_SUBMS45LP001_CIRS

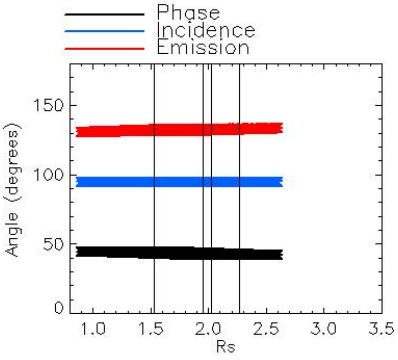
Observation Date:
2008_270_02_21_51

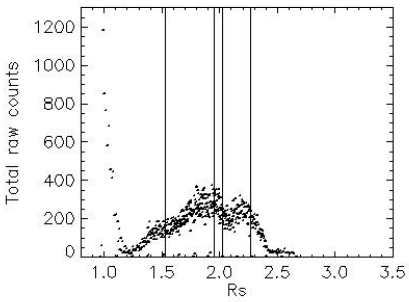
Observation Duration:
2400 S

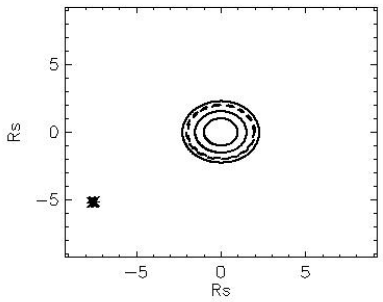
Integration time = 300 S

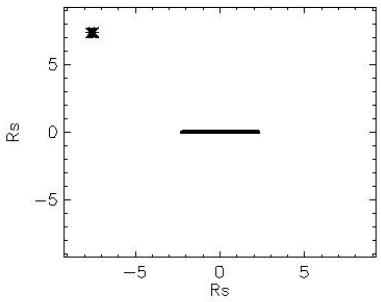


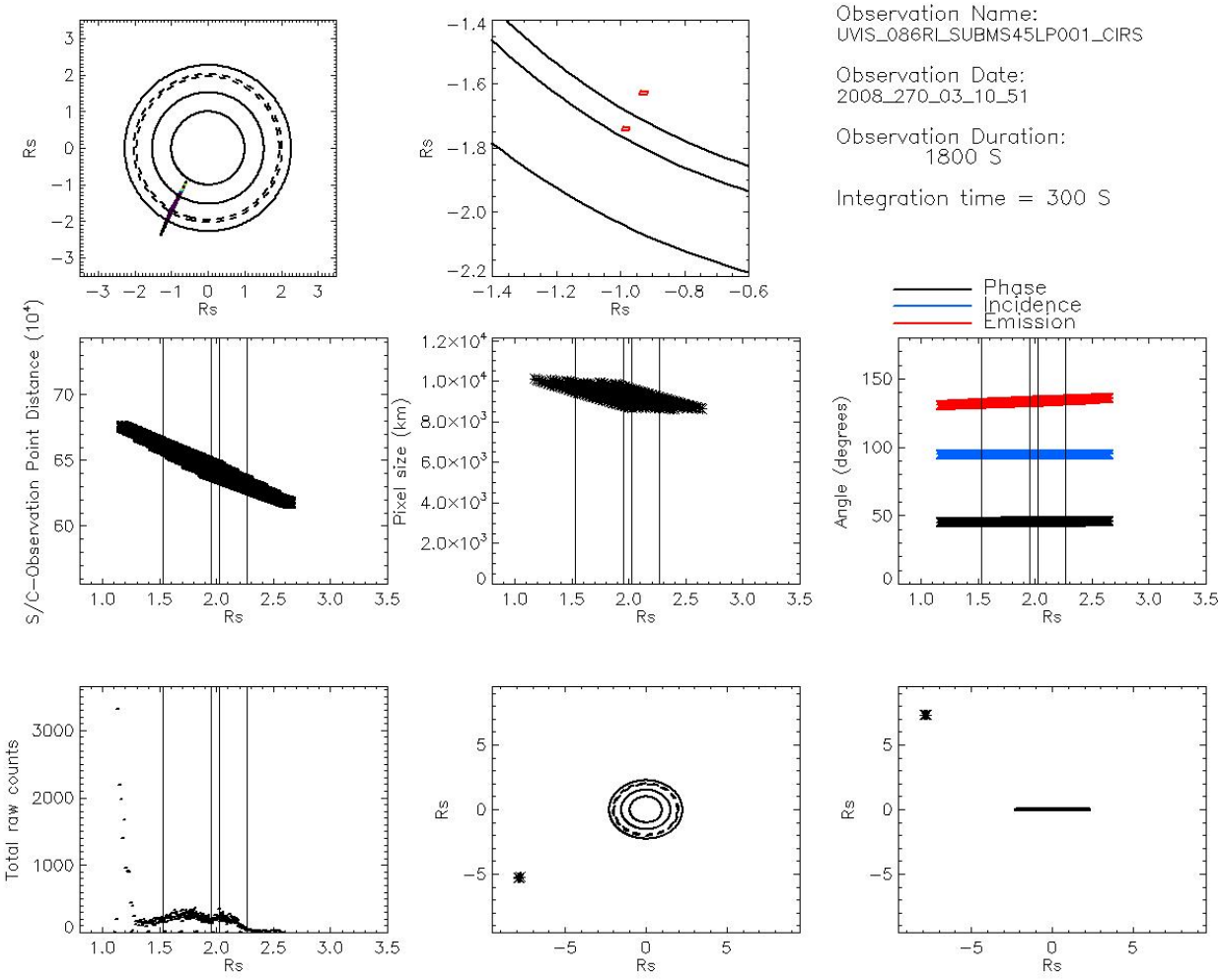


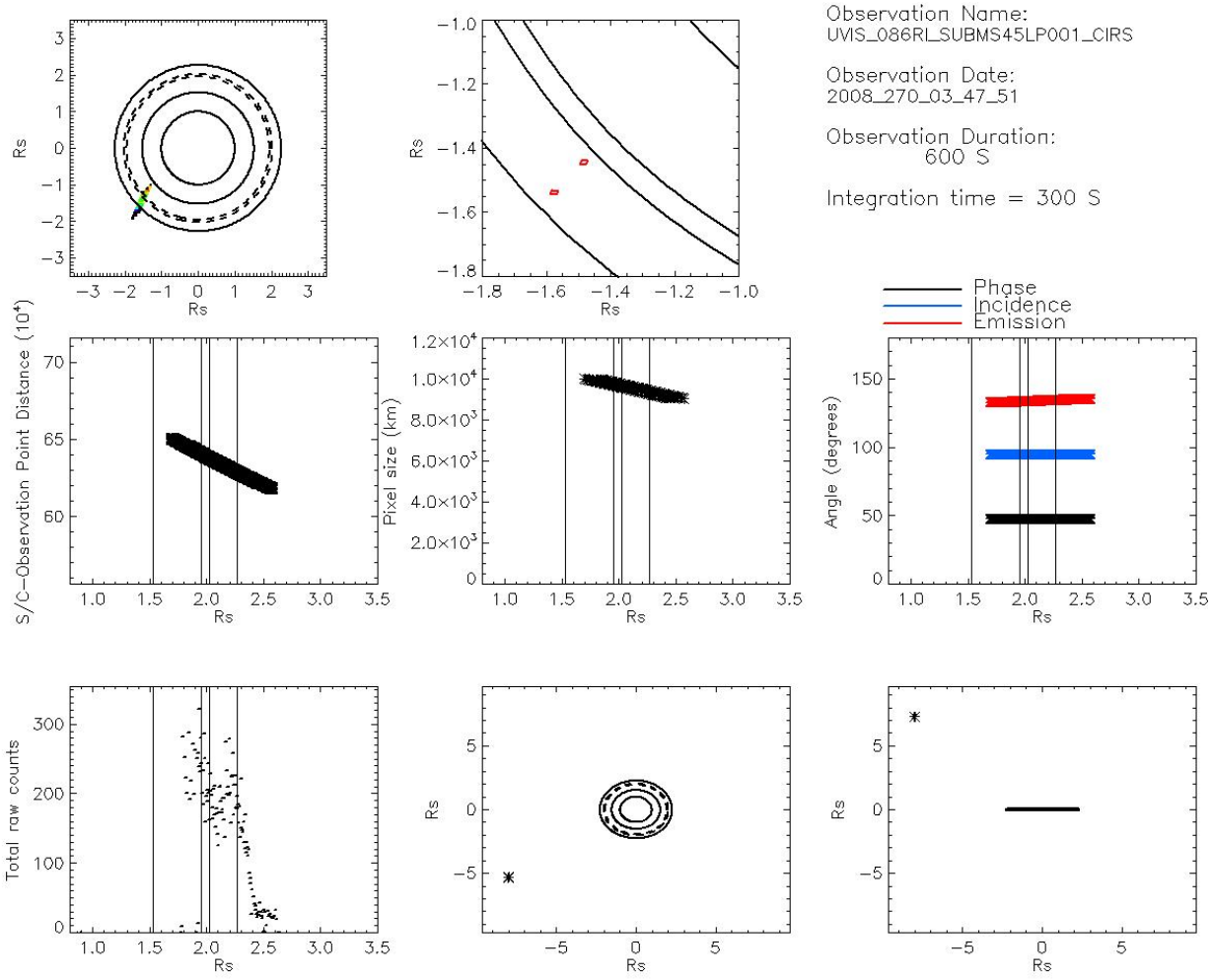


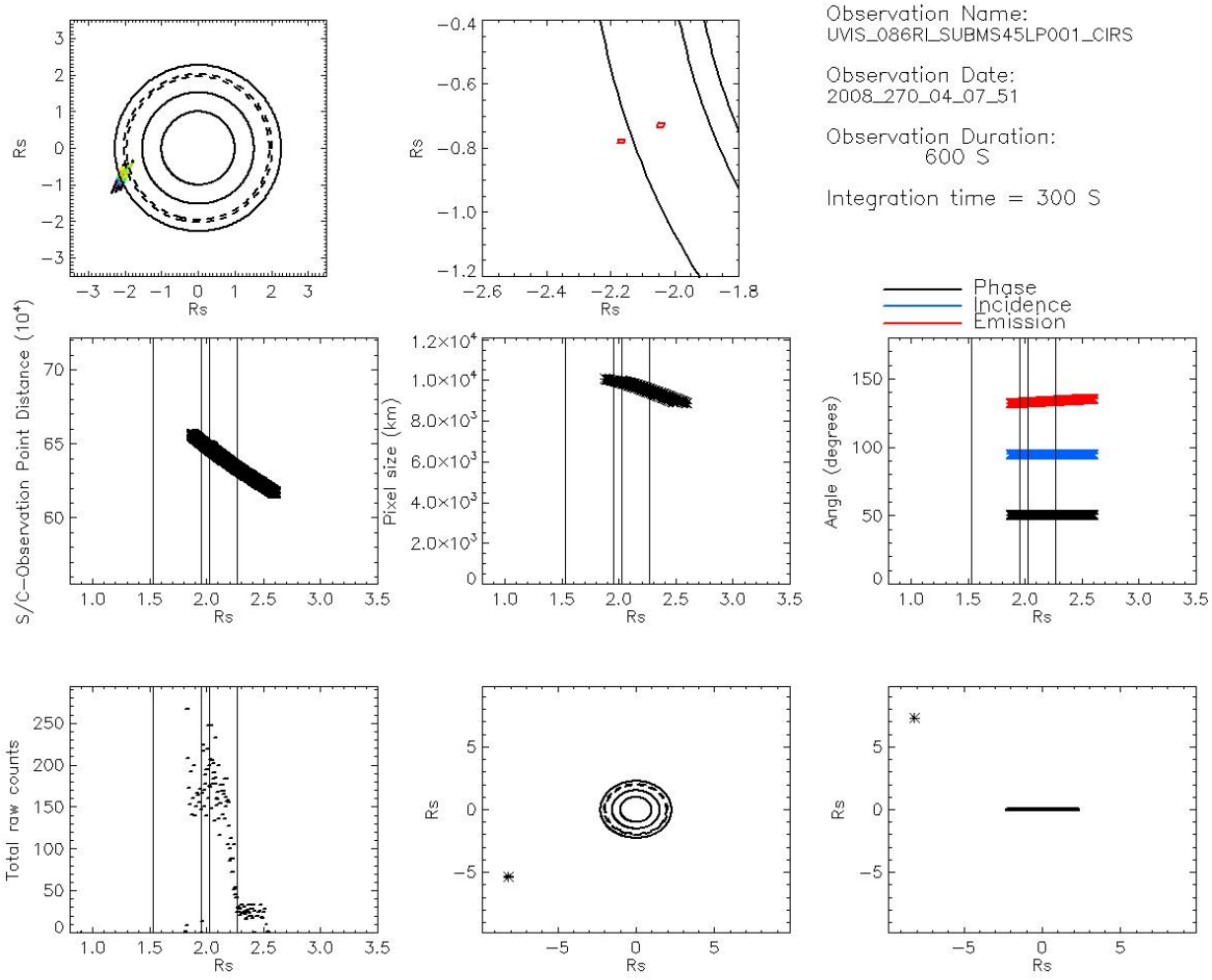


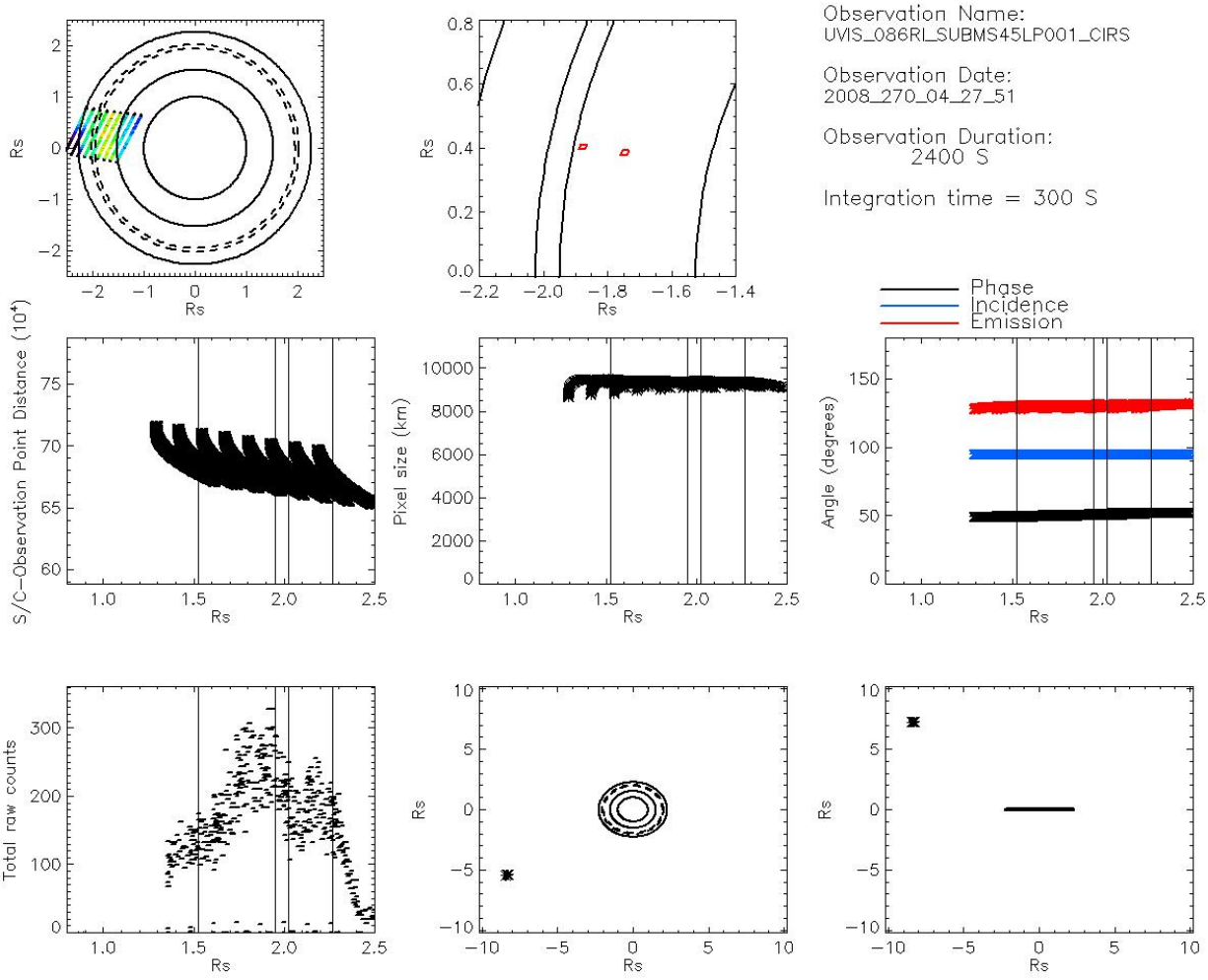


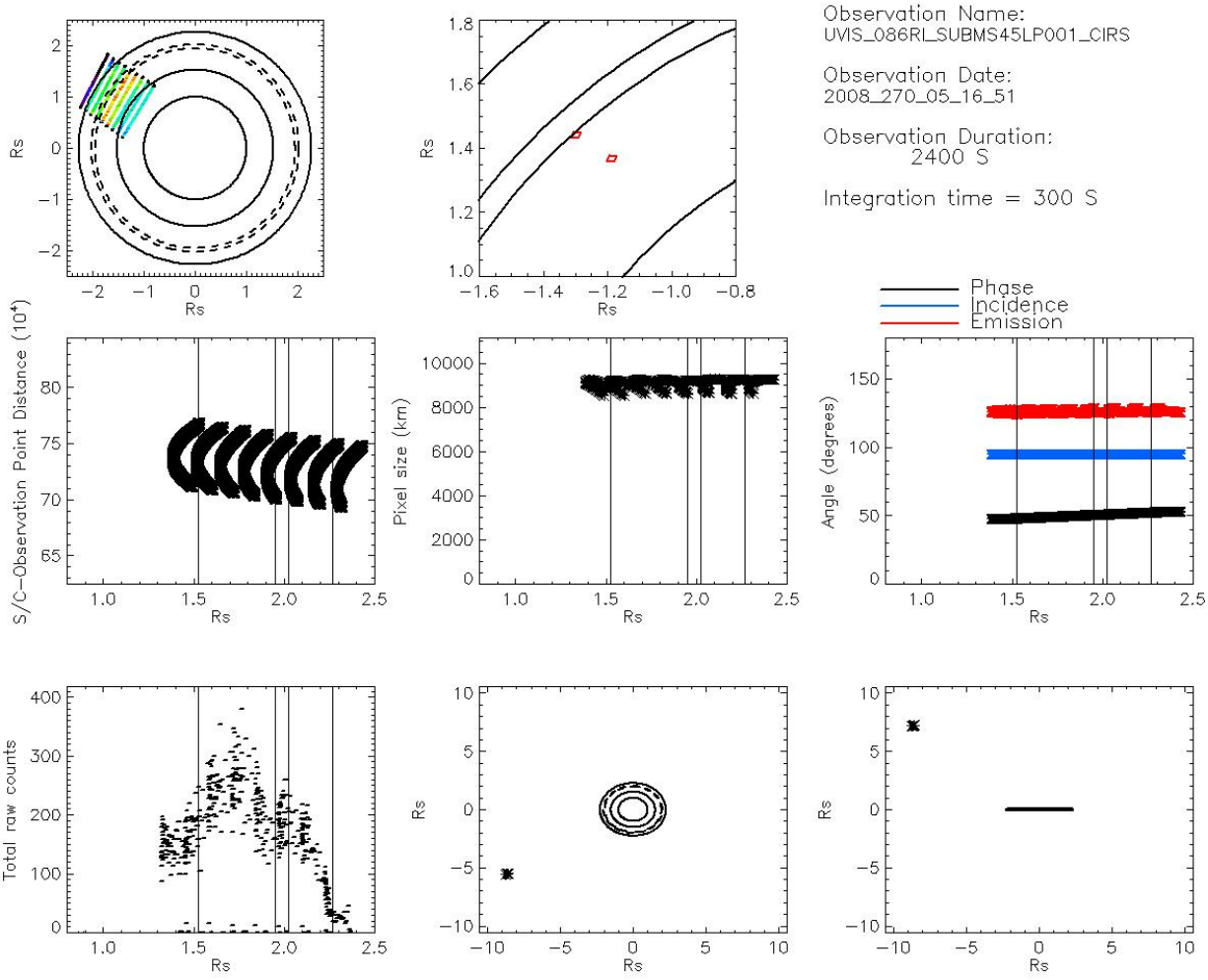


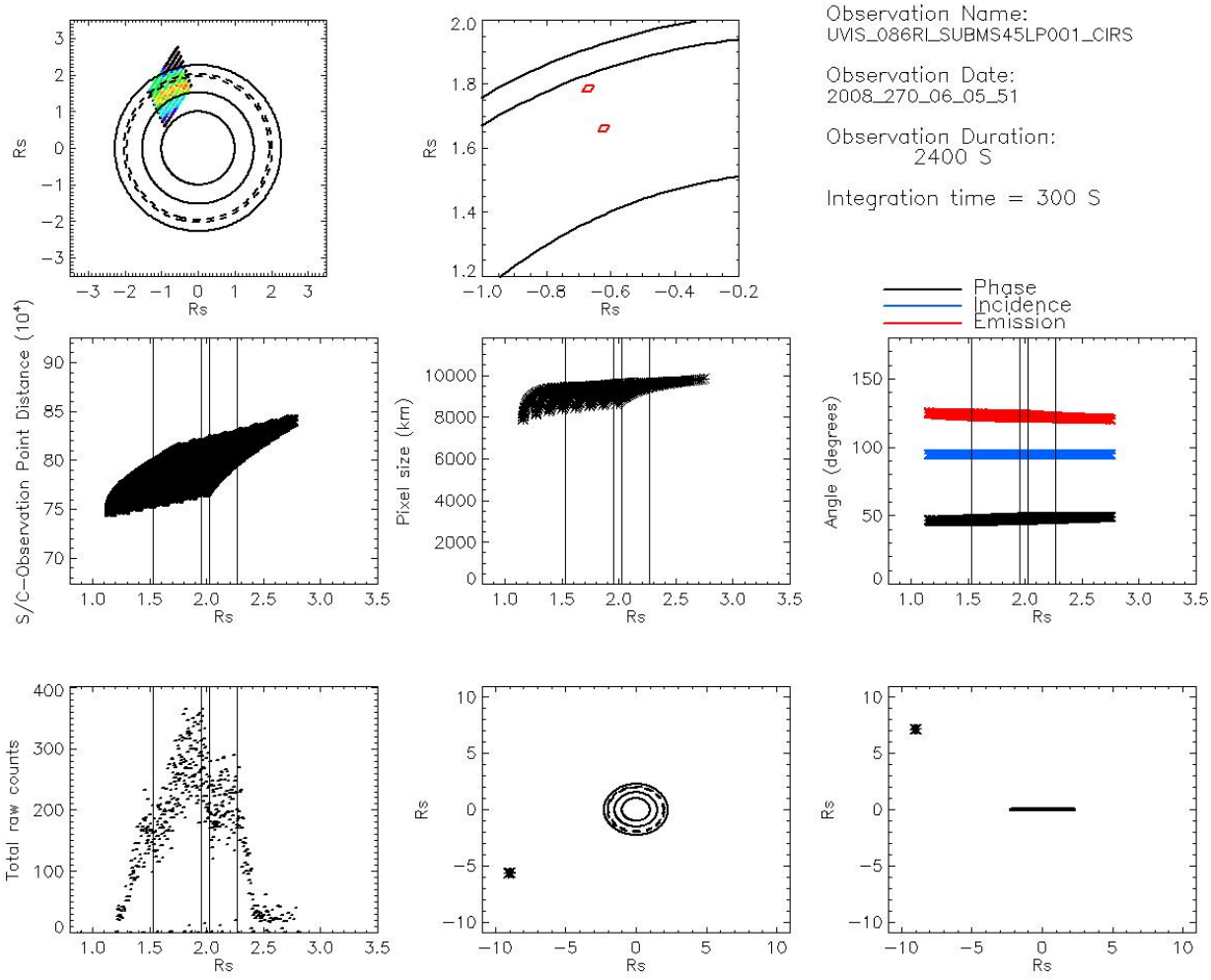

Observation Name:
UVIS_086RI_SUBMS45LP001_CIRS
Observation Date:
2008_270_03_10_51
Observation Duration:
1800 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

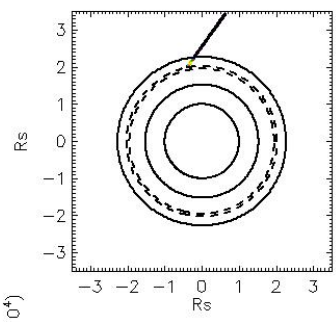

Observation Name:
UVIS_086RI_SUBMS45LP001_CIRS
Observation Date:
2008_270_03_47_51
Observation Duration:
600 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

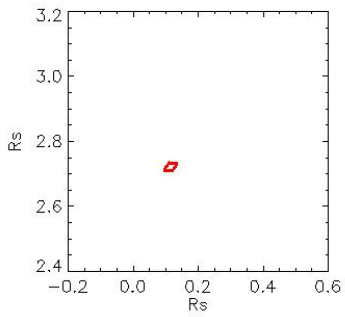

Observation Name:
UVIS_086RI_SUBMS45LP001_CIRS
Observation Date:
2008_270_04_07_51
Observation Duration:
600 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_086RI_SUBMS45LP001_CIRS
Observation Date:
2008_270_04_27_51
Observation Duration:
2400 S
Integration time = 300 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_086RI_SUBMS45LP001_CIRS
Observation Date:
2008_270_05_16_51
Observation Duration:
2400 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_086RI_SUBMS45LP001_CIRS
Observation Date:
2008_270_06_05_51
Observation Duration:
2400 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



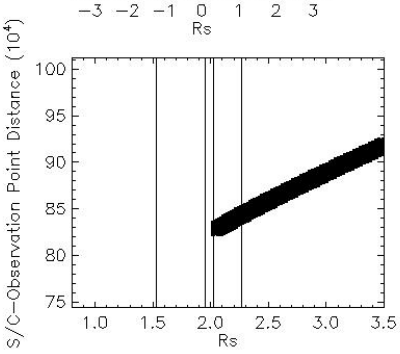


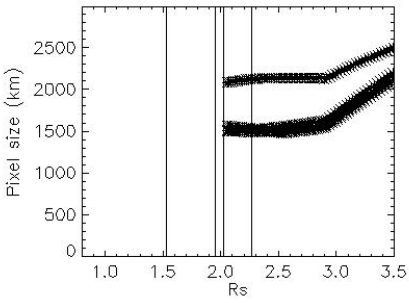
Observation Name:
UVIS_086RI_SUBMS45LP001_CIRS

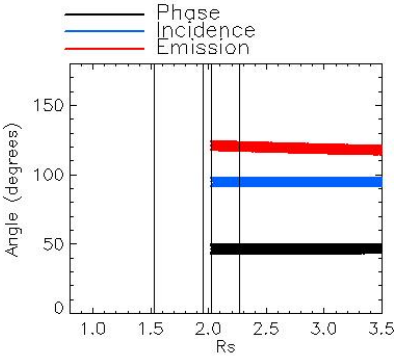
Observation Date:
2008_270_06_53_51

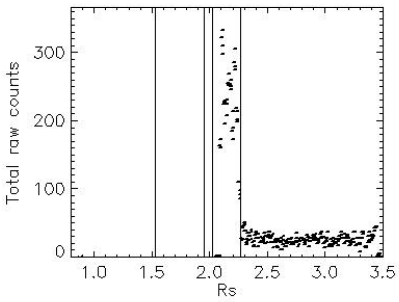
Observation Duration:
1200 S

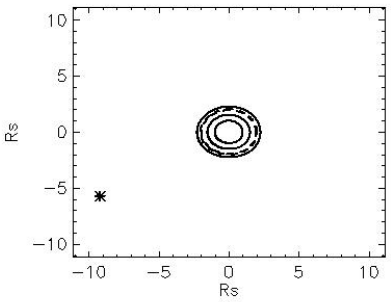
Integration time = 300 S

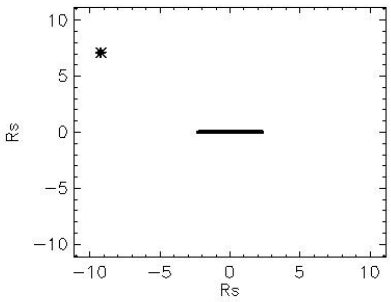


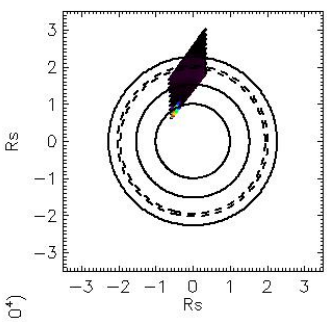


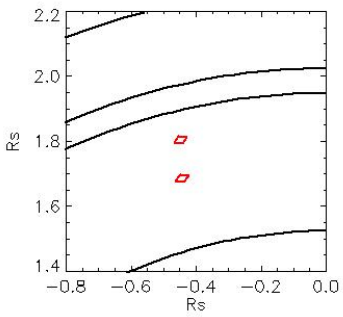










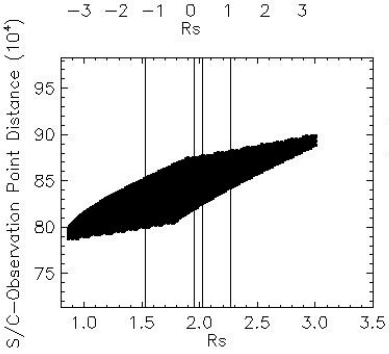


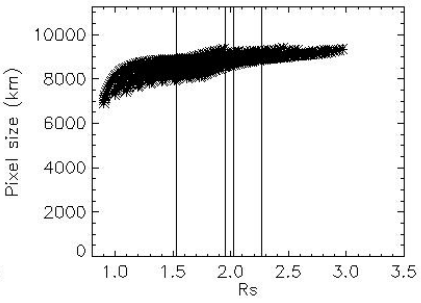
Observation Name:
UVIS_086RI_SUBMS45LP001_CIRS

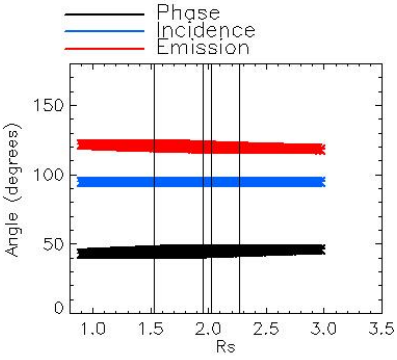
Observation Date:
2008_270_07_18_51

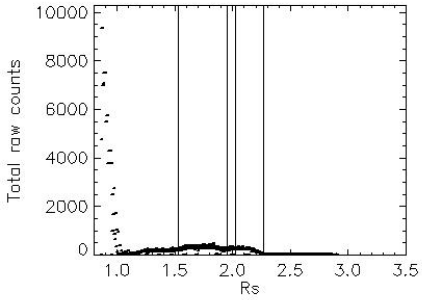
Observation Duration:
2700 S

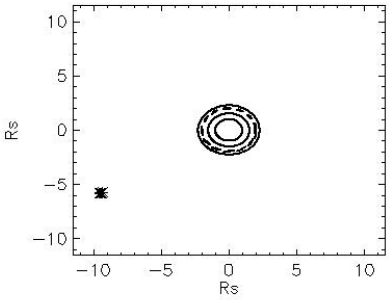
Integration time = 300 S

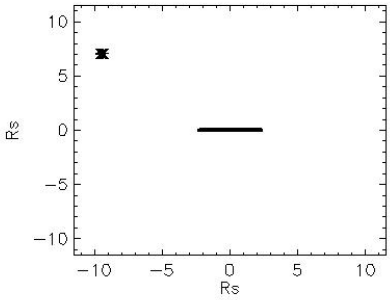


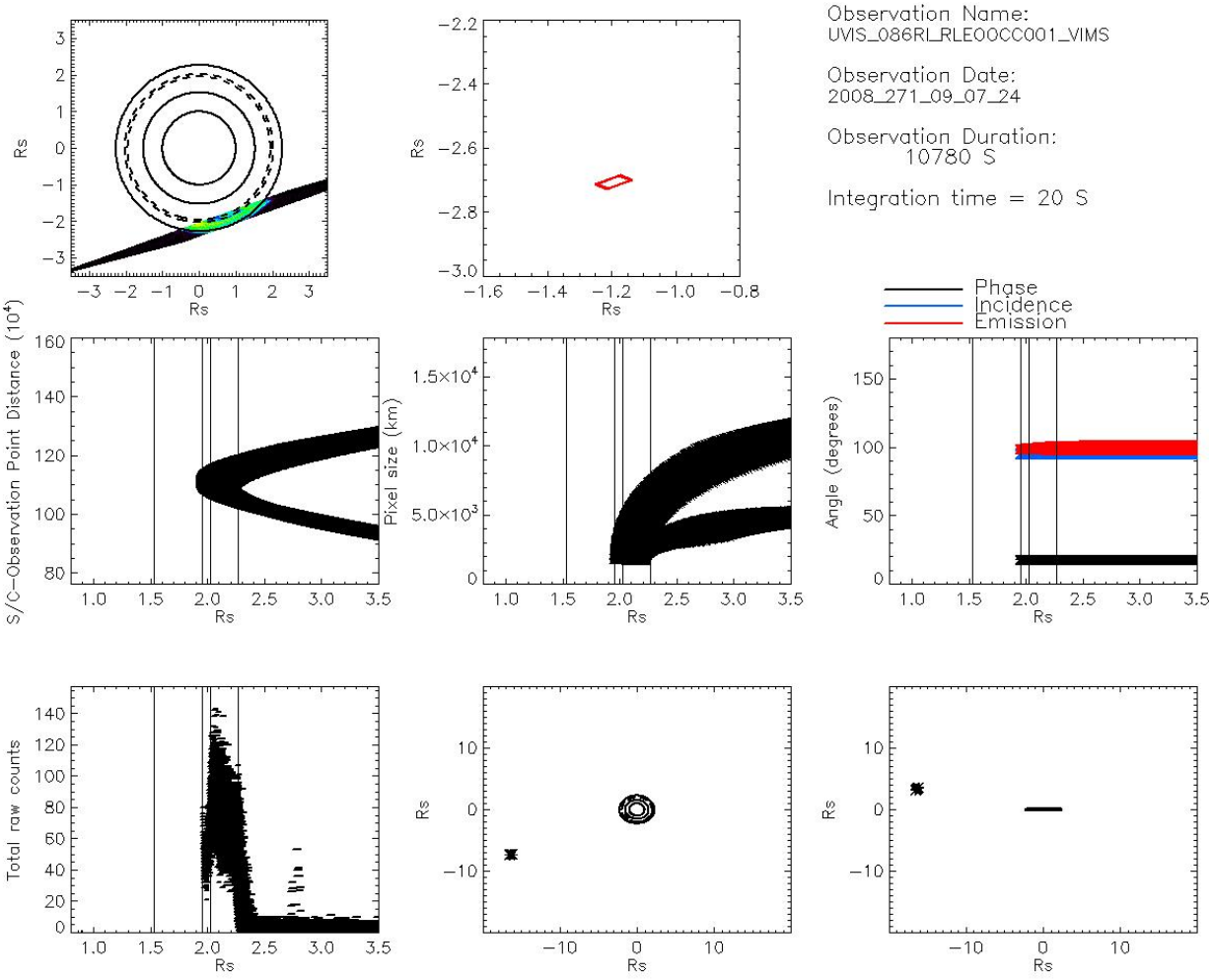


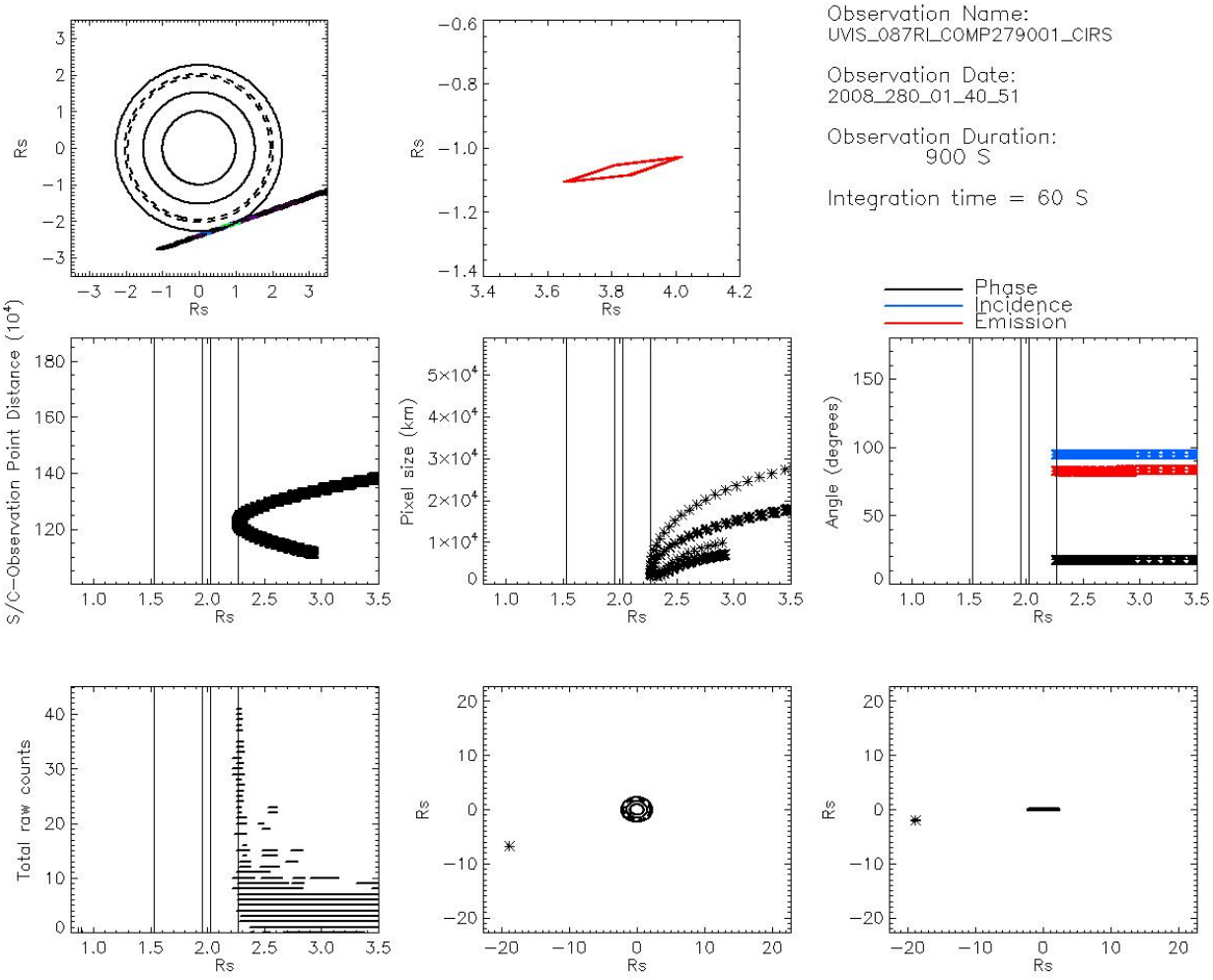


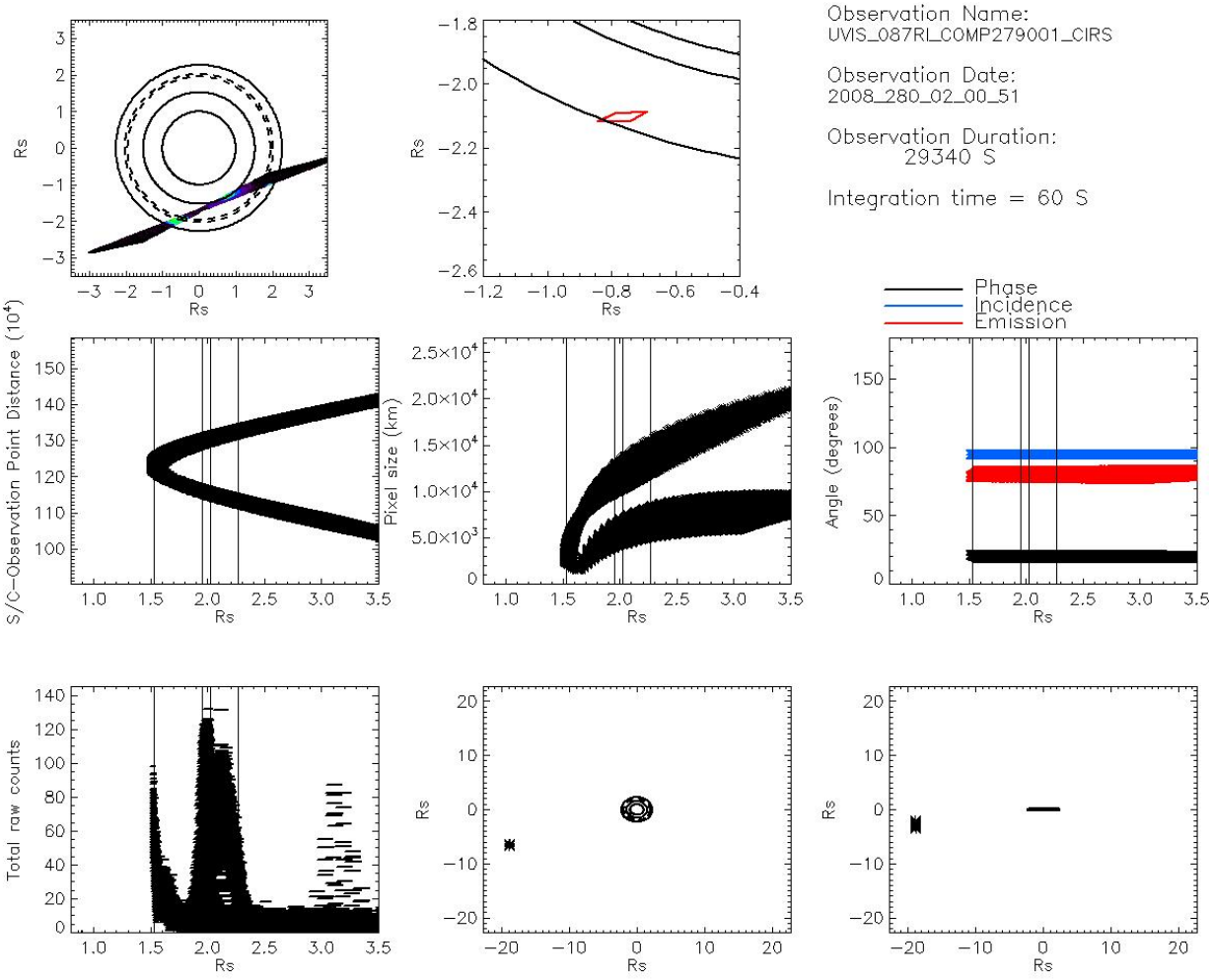







Observation Name:
UVIS_086RI_RLE00CC001_VIMS
Observation Date:
2008_271_09_07_24
Observation Duration:
10780 S
Integration time = 20 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_087RI_COMP279001_CIRS
Observation Date:
2008_280_01_40_51
Observation Duration:
900 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

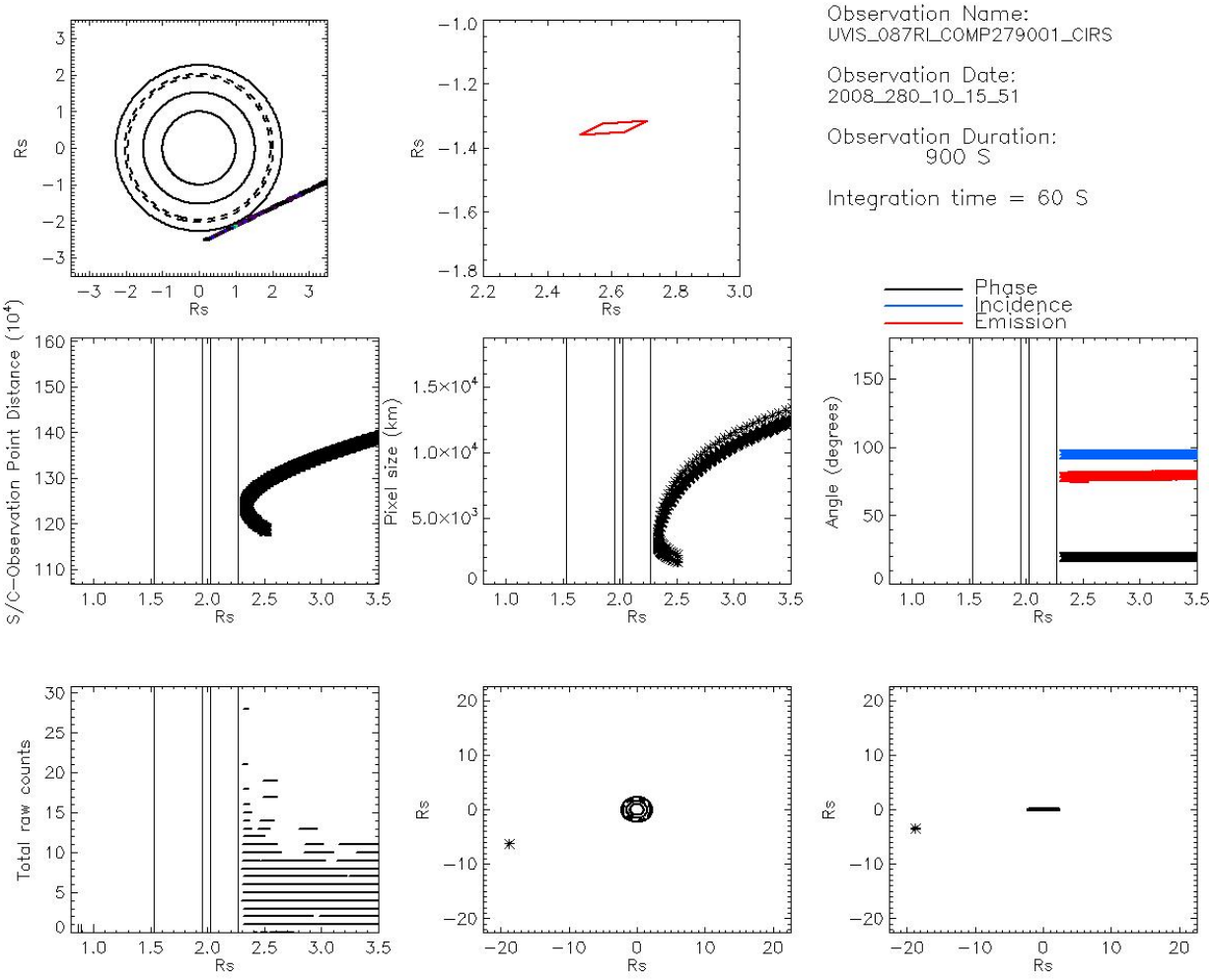


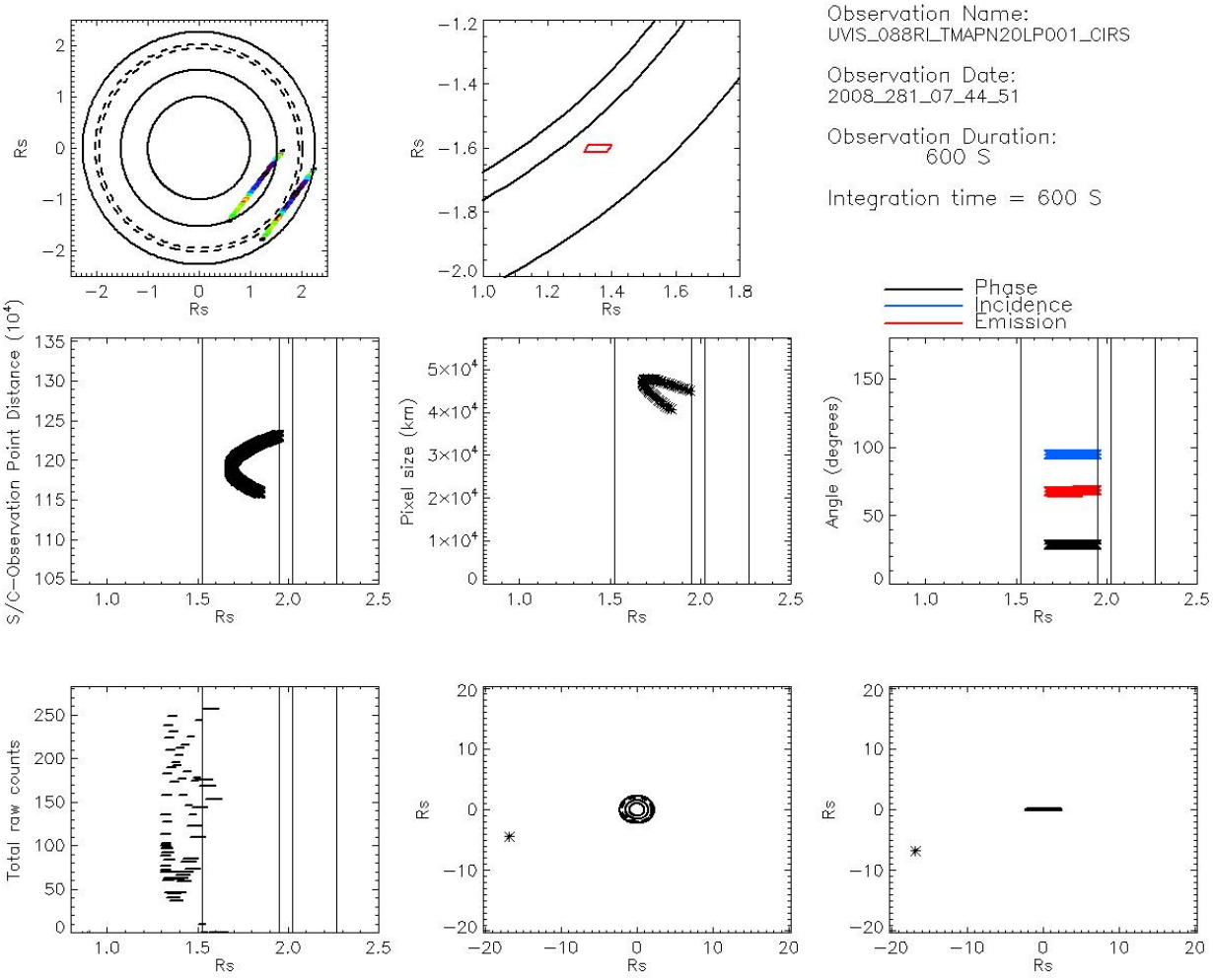
Observation Name:
UVIS_087RI_COMP279001_CIRS

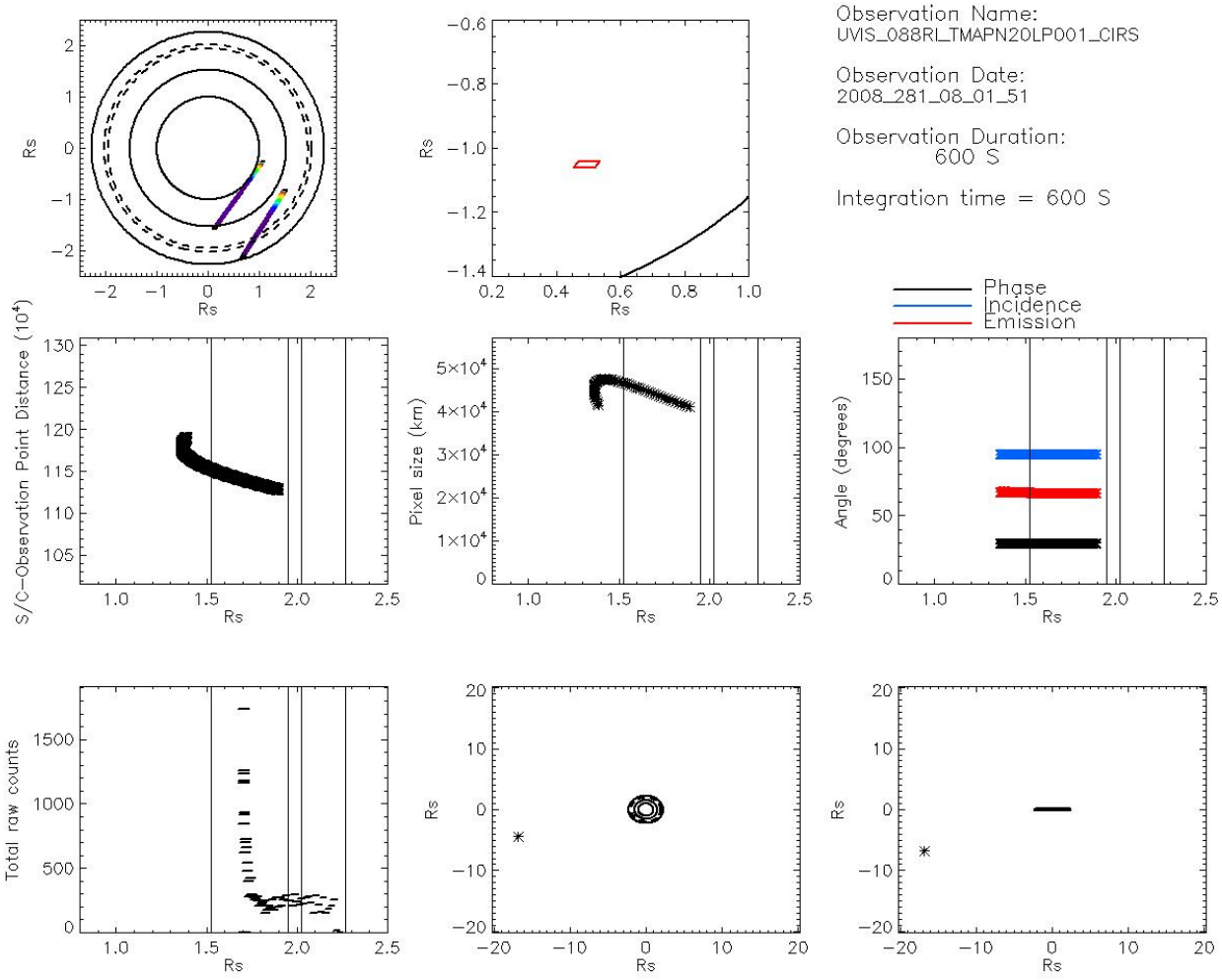
Observation Date:
2008_280_02_00_51

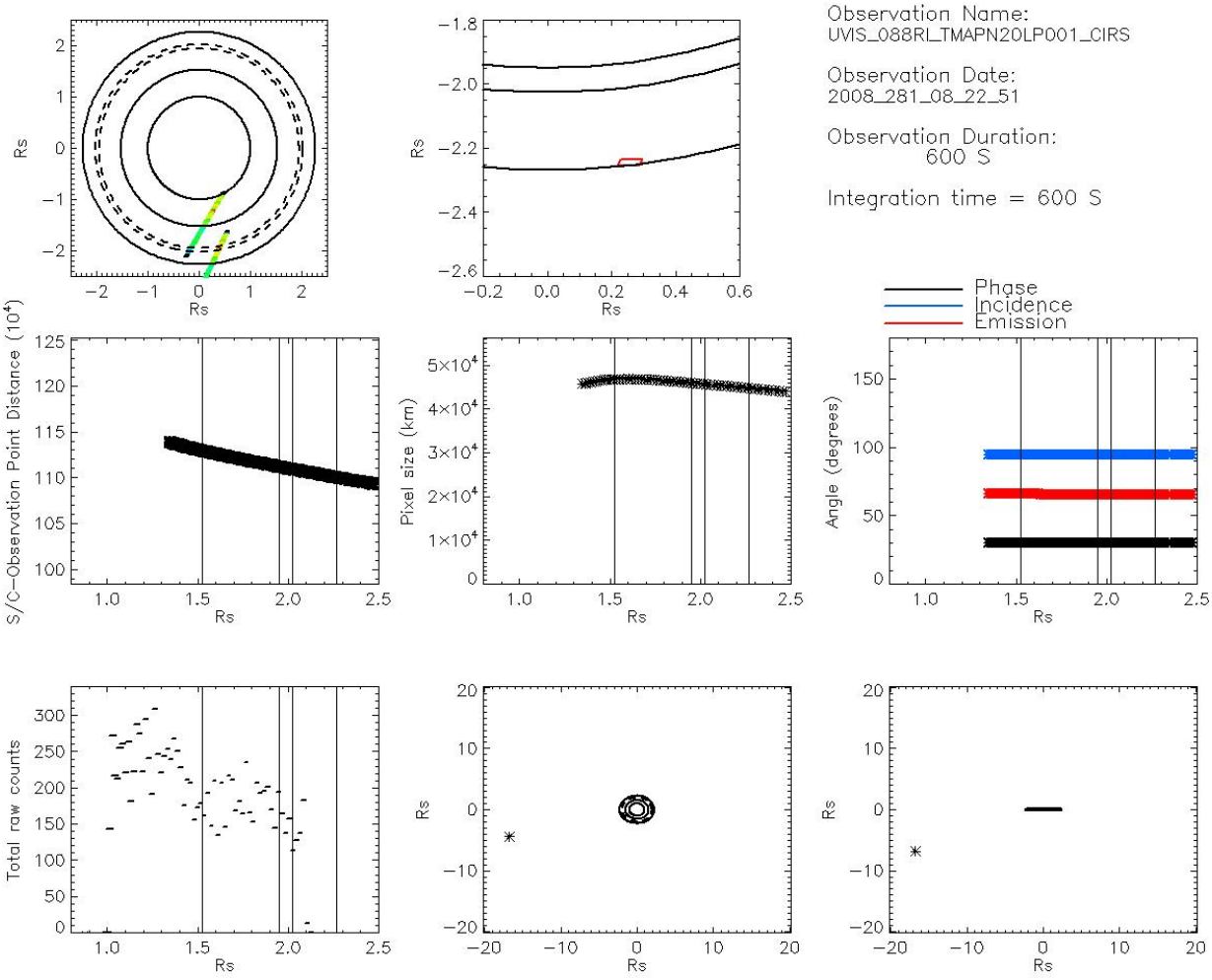
Observation Duration:
29340 S

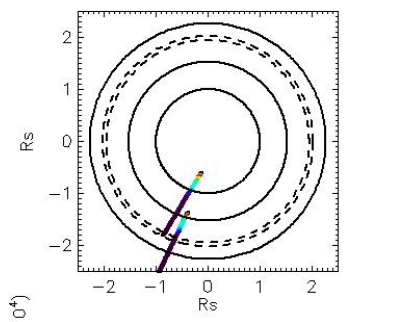
Integration time = 60 S

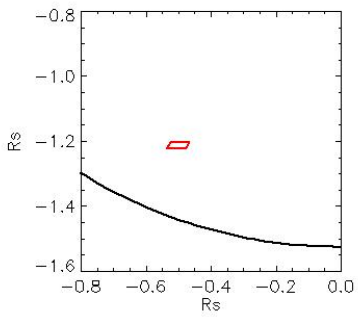

Observation Name:
UVIS_087RI_COMP279001_CIRS
Observation Date:
2008_280_10_15_51
Observation Duration:
900 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_088RI_TMAPN20LP001_CIRS
Observation Date:
2008_281_07_44_51
Observation Duration:
600 S
Integration time = 600 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_088RI_TMAPN20LP001_CIRS
Observation Date:
2008_281_08_01_51
Observation Duration:
600 S
Integration time = 600 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_088RI_TMAPN20LP001_CIRS
Observation Date:
2008_281_08_22_51
Observation Duration:
600 S
Integration time = 600 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



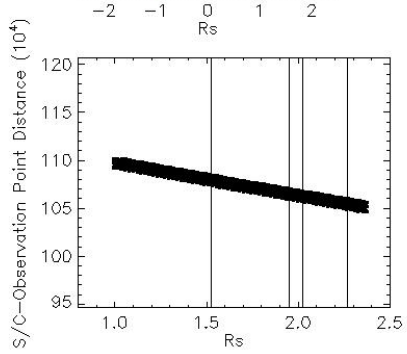


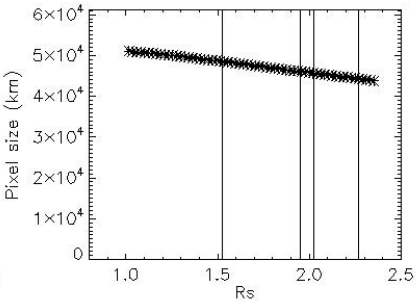
Observation Name:
UVIS_088RI_TMAPN20LP001_CIRS

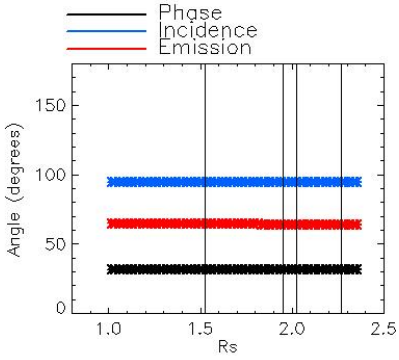
Observation Date:
2008_281_08_43_51

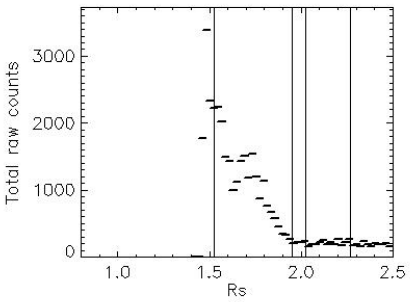
Observation Duration:
600 S

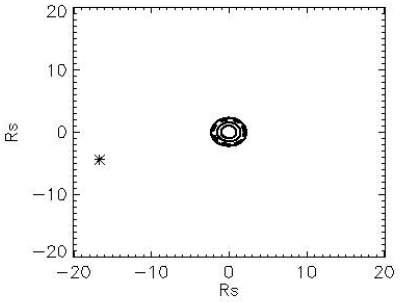
Integration time = 600 S

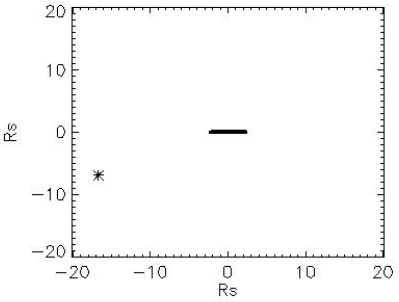


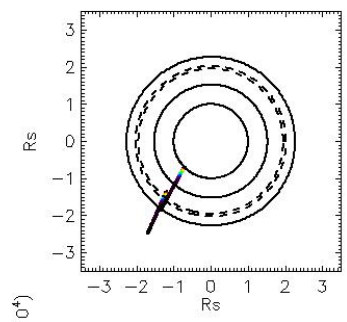


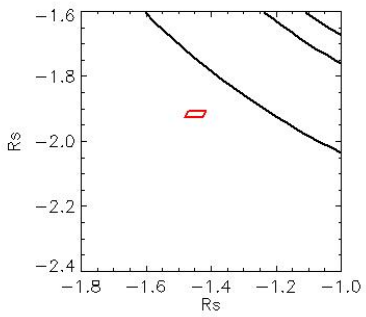










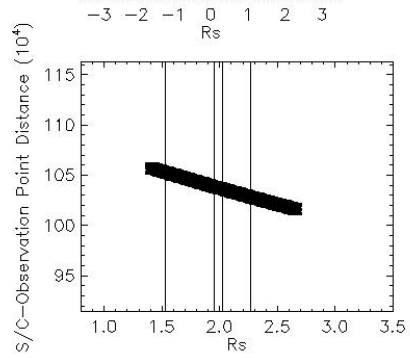


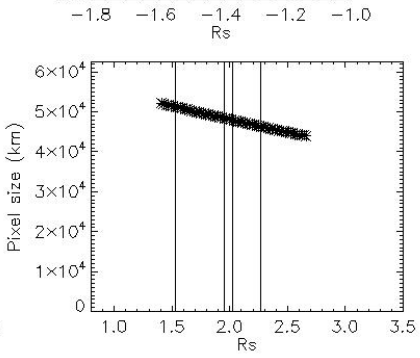
Observation Name:
UVIS_088RI_TMAPN20LP001_CIRS

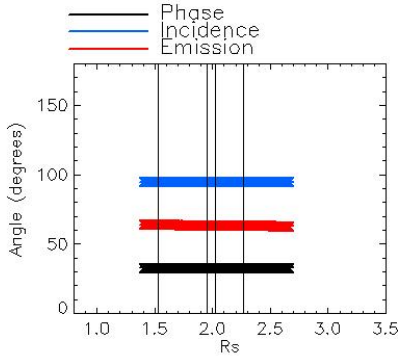
Observation Date:
2008_281_09_04_51

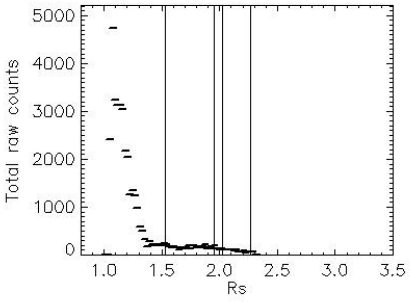
Observation Duration:
600 S

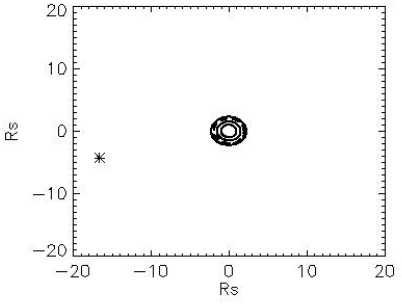
Integration time = 600 S

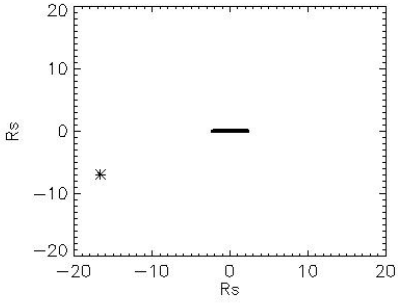


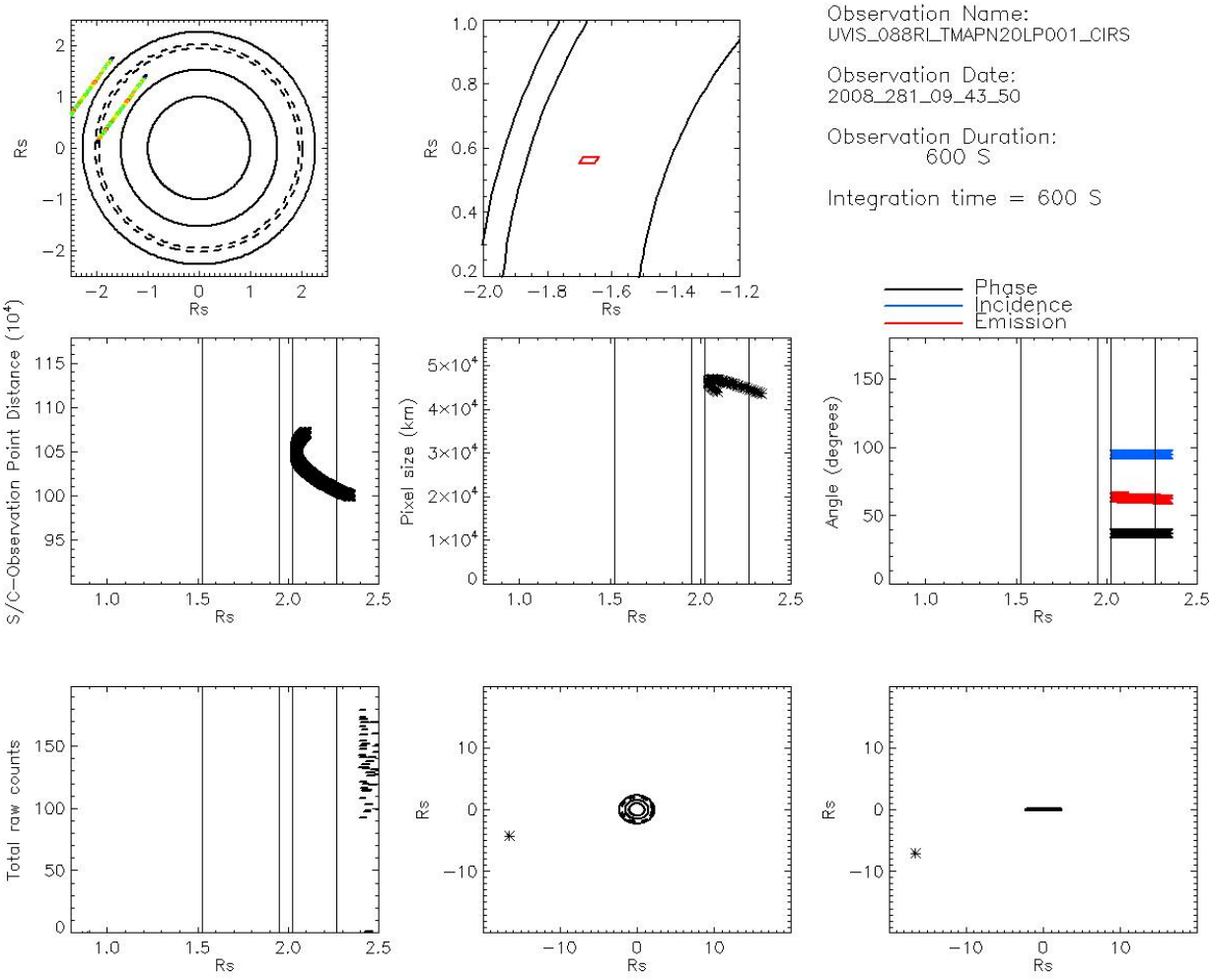


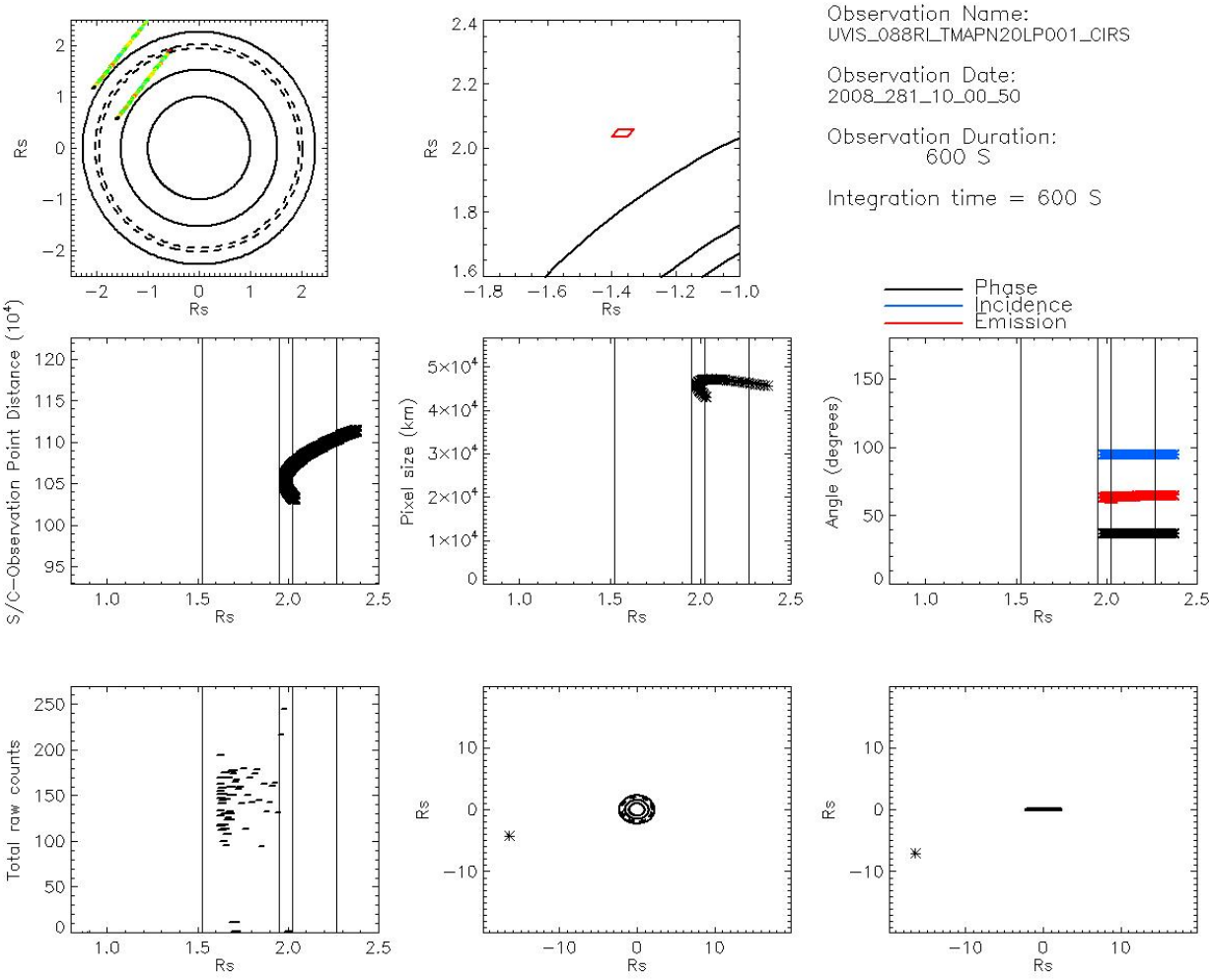


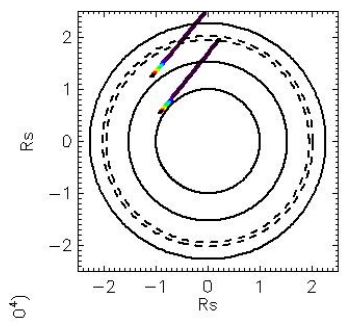


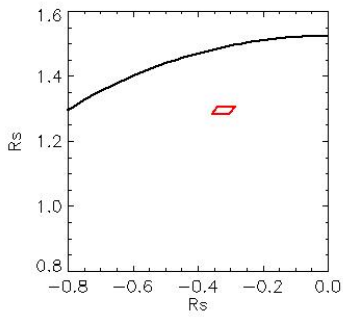





Observation Name:
UVIS_088RI_TMAPN20LP001_CIRS
Observation Date:
2008_281_09_43_50
Observation Duration:
600 S
Integration time = 600 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_088RI_TMAPN20LP001_CIRS
Observation Date:
2008_281_10_00_50
Observation Duration:
600 S
Integration time = 600 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



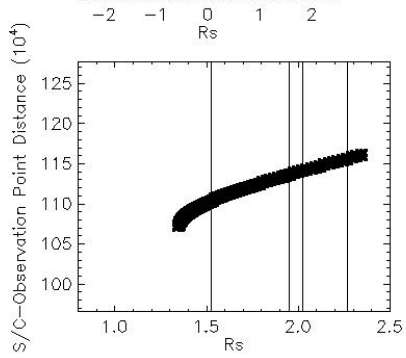


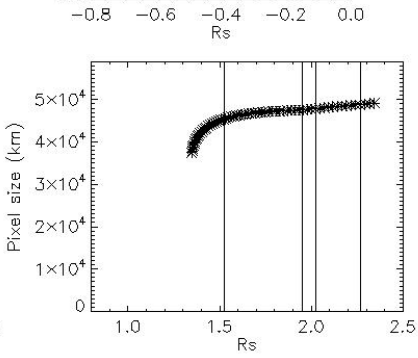
Observation Name:
UVIS_088RI_TMAPN20LP001_CIRS

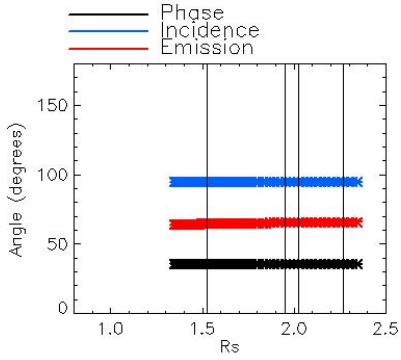
Observation Date:
2008_281_10_21_50

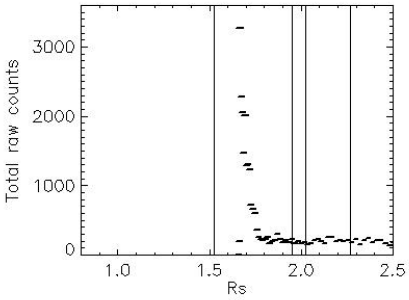
Observation Duration:
600 S

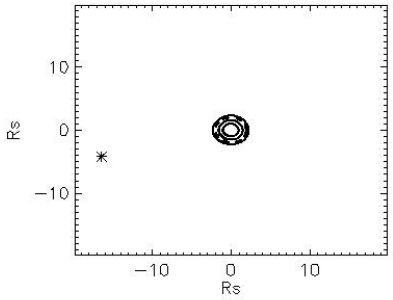
Integration time = 600 S

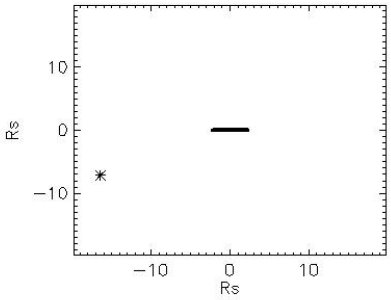


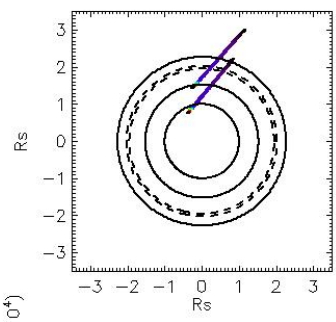


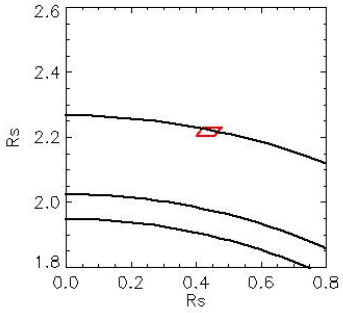










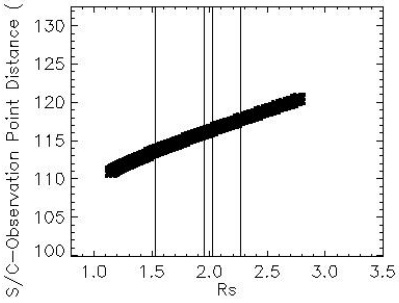


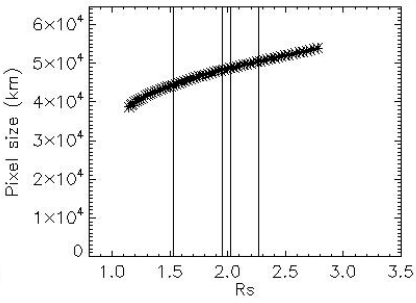
Observation Name:
UVIS_088RI_TMAPN20LP001_CIRS

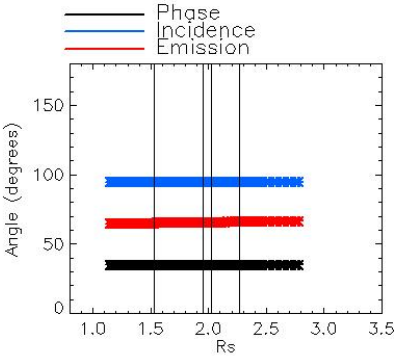
Observation Date:
2008_281_10_42_50

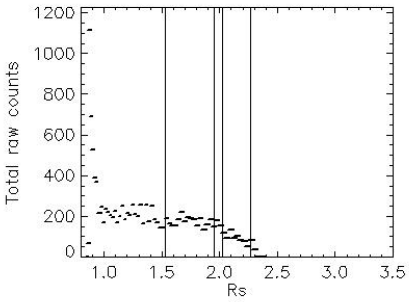
Observation Duration:
600 S

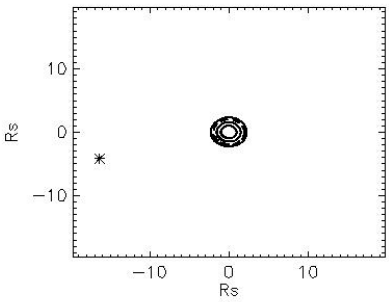
Integration time = 600 S

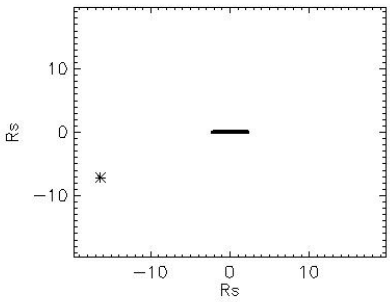


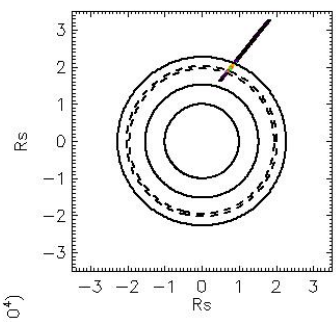


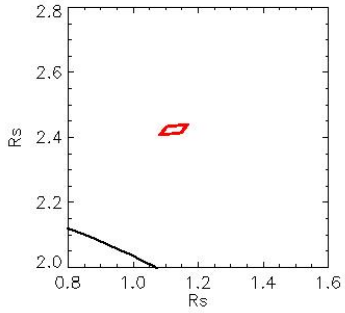










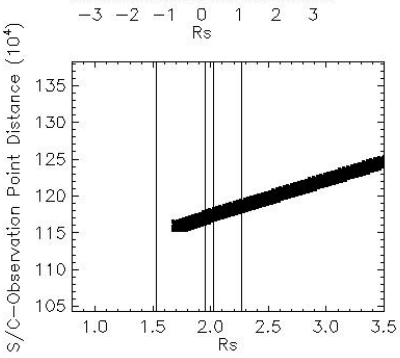


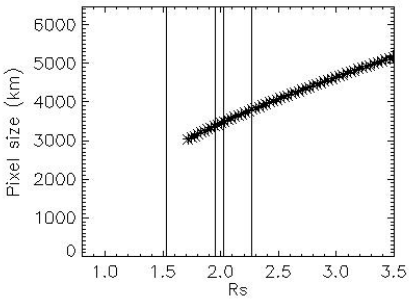
Observation Name:
UVIS_088RI_TMAPN20LP001_CIRS

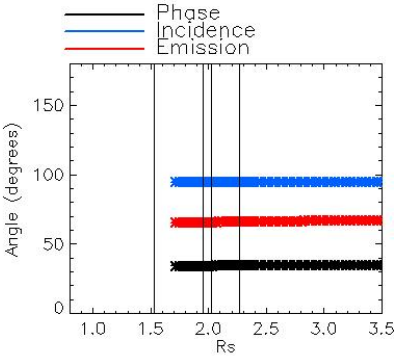
Observation Date:
2008_281_11_02_50

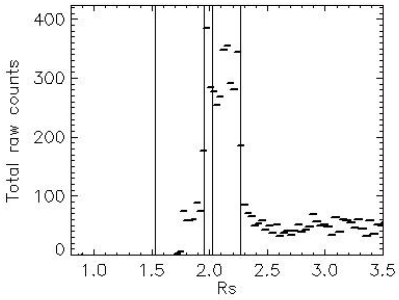
Observation Duration:
600 S

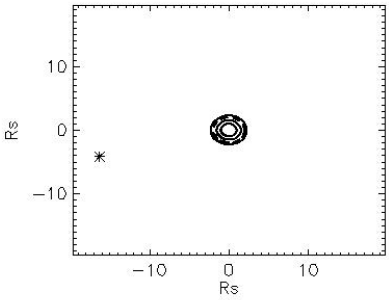
Integration time = 600 S

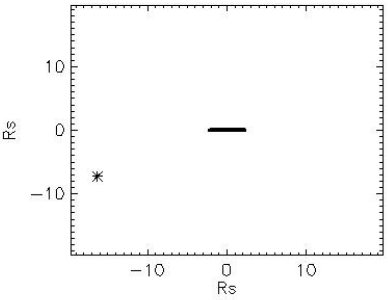


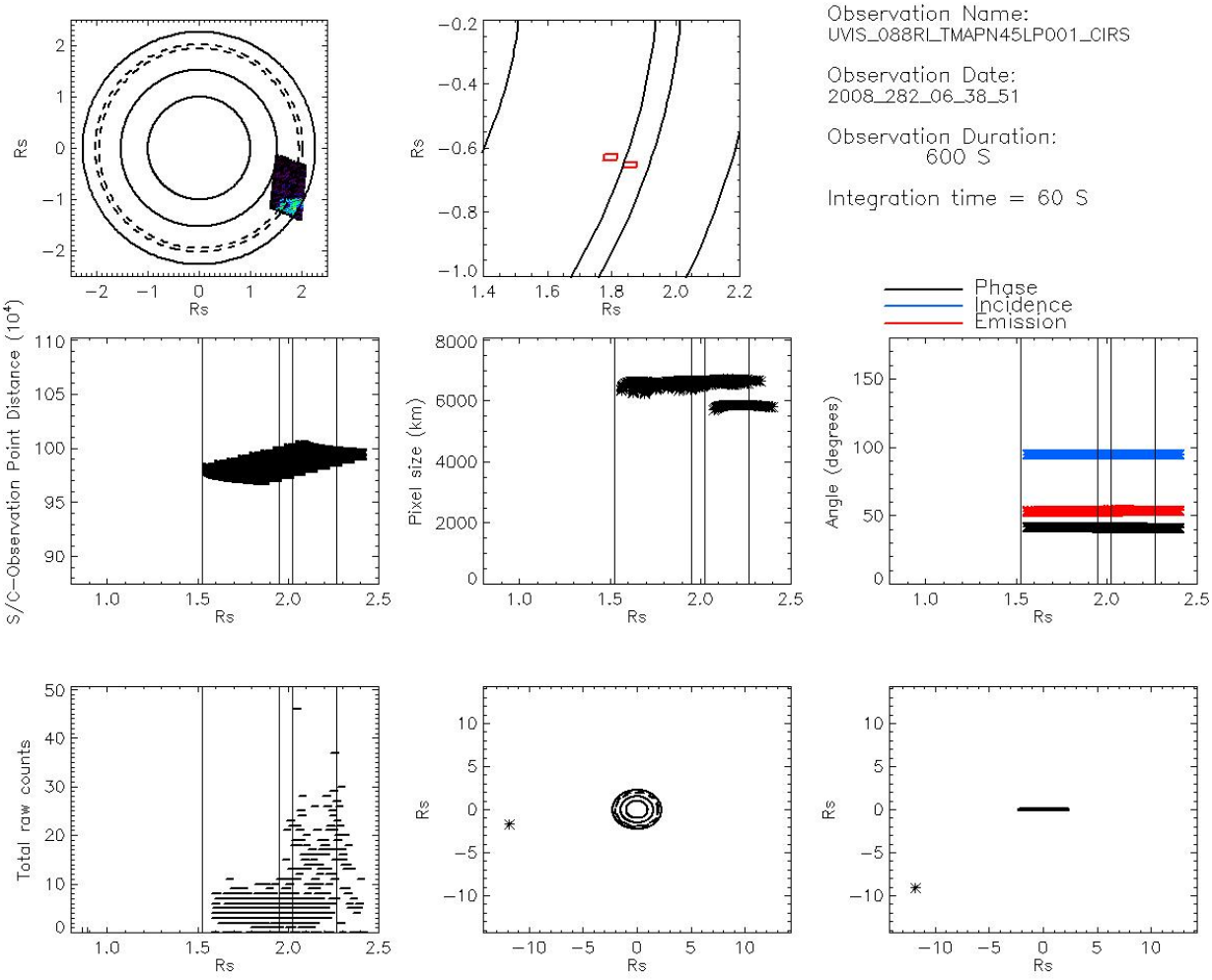


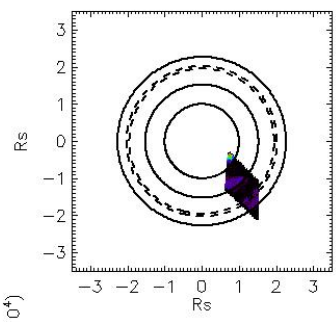


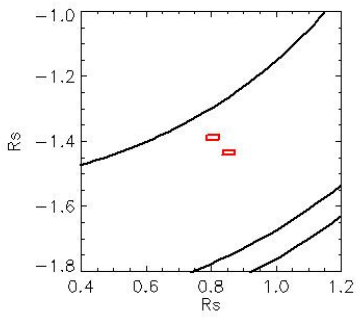







Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS
Observation Date:
2008_282_06_38_51
Observation Duration:
600 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



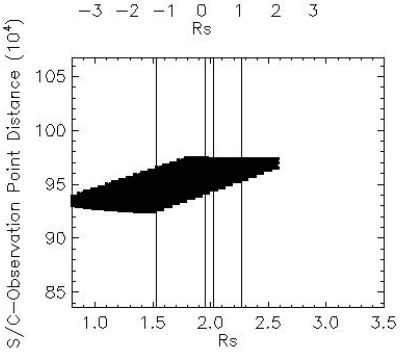


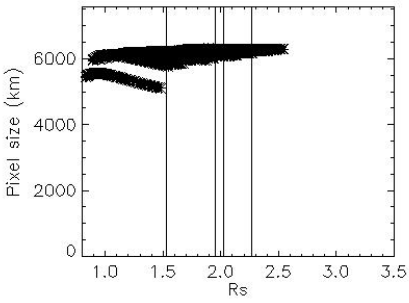
Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS

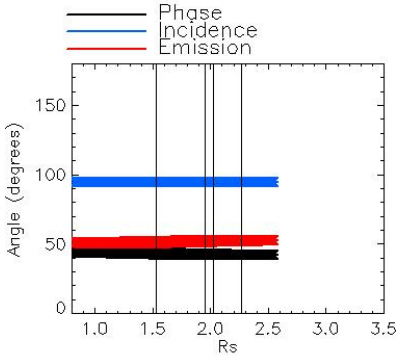
Observation Date:
2008_282_06_54_51

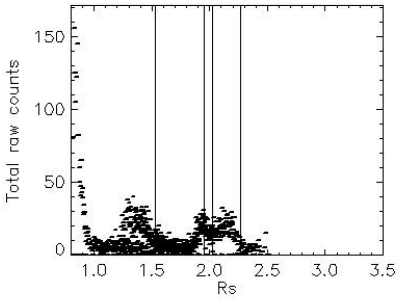
Observation Duration:
1020 S

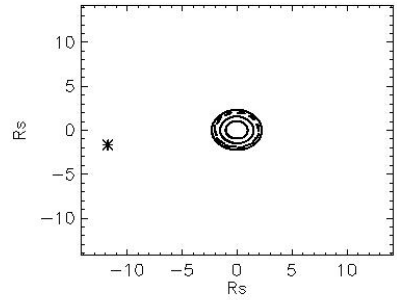
Integration time = 60 S

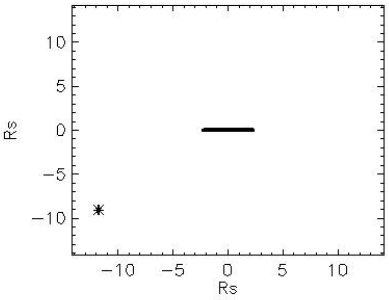


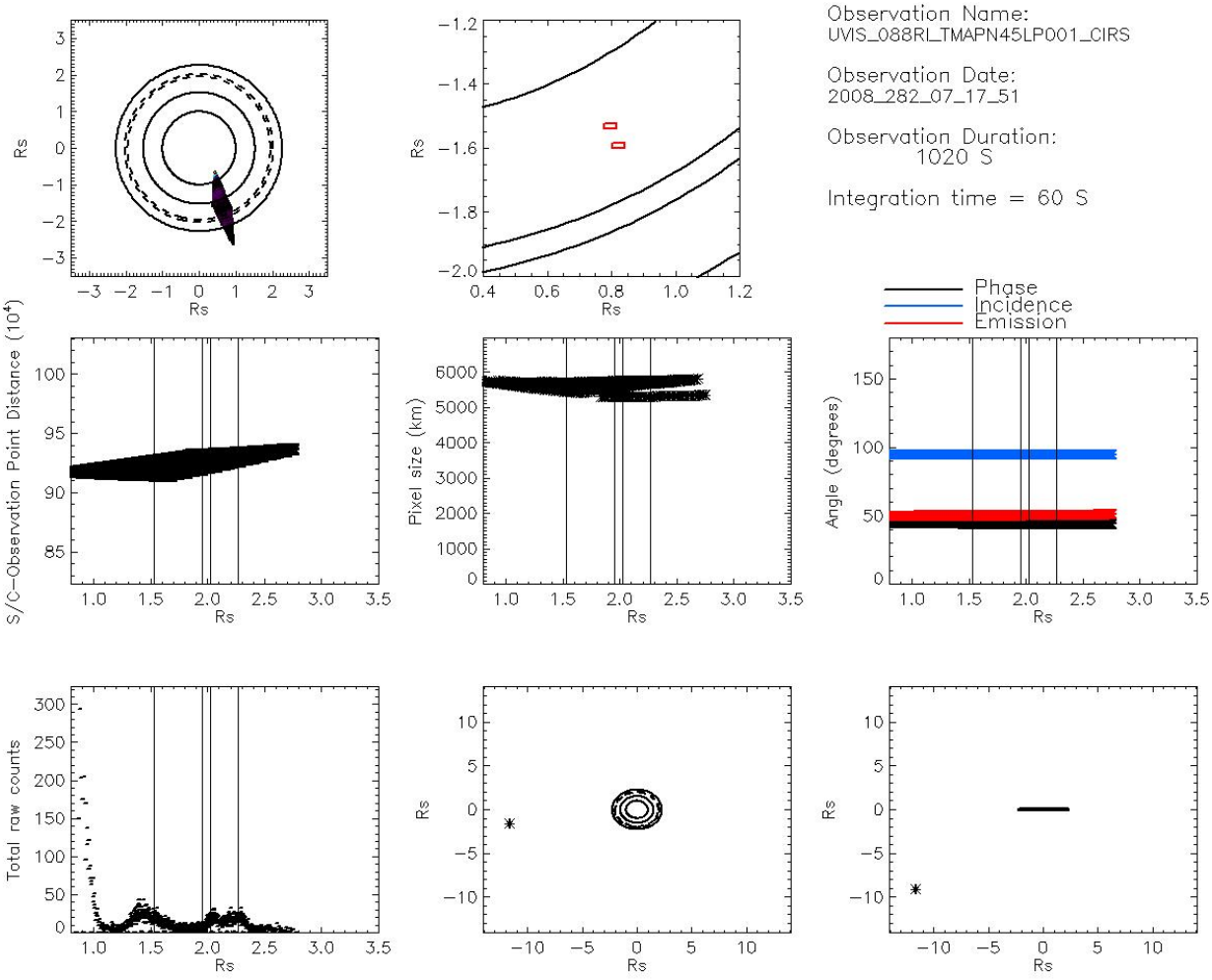


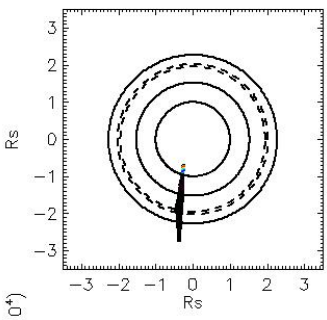


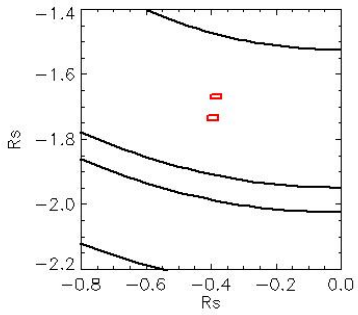







Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS
Observation Date:
2008_282_07_17_51
Observation Duration:
1020 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



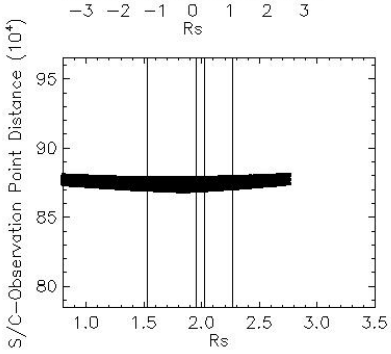


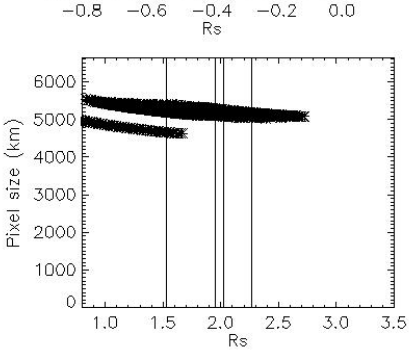
Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS

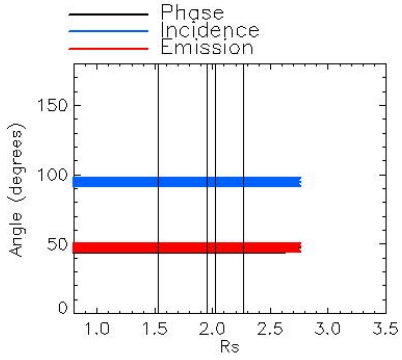
Observation Date:
2008_282_07_40_51

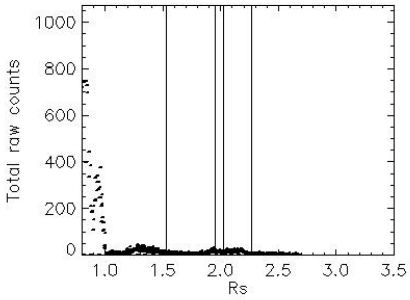
Observation Duration:
1020 S

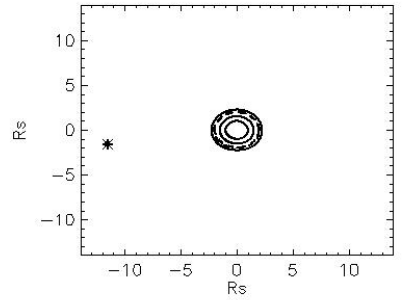
Integration time = 60 S

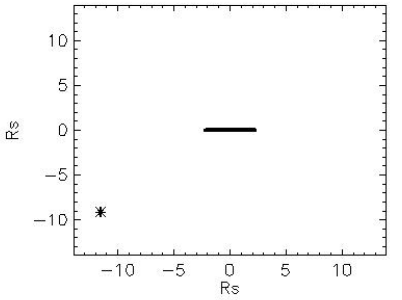


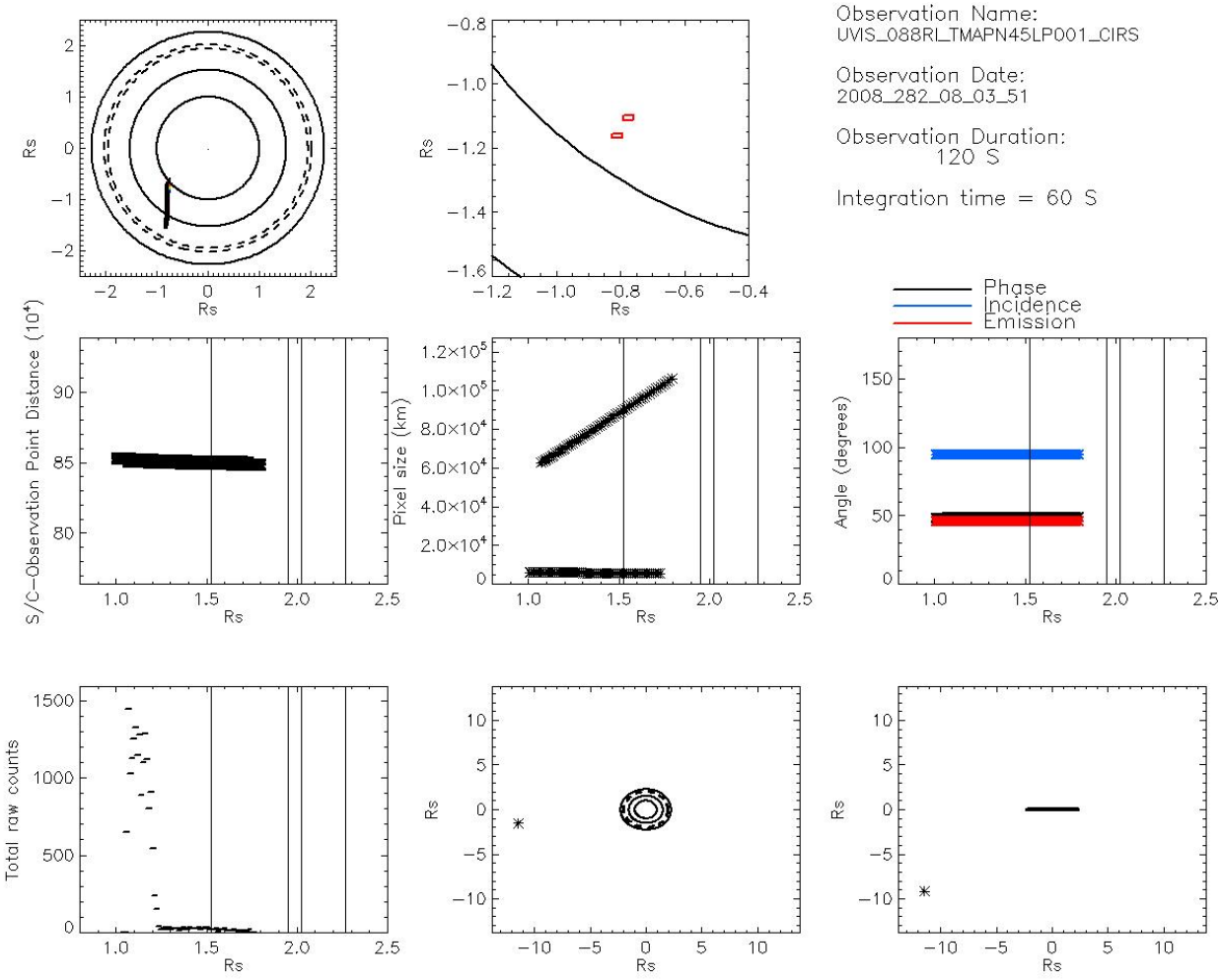


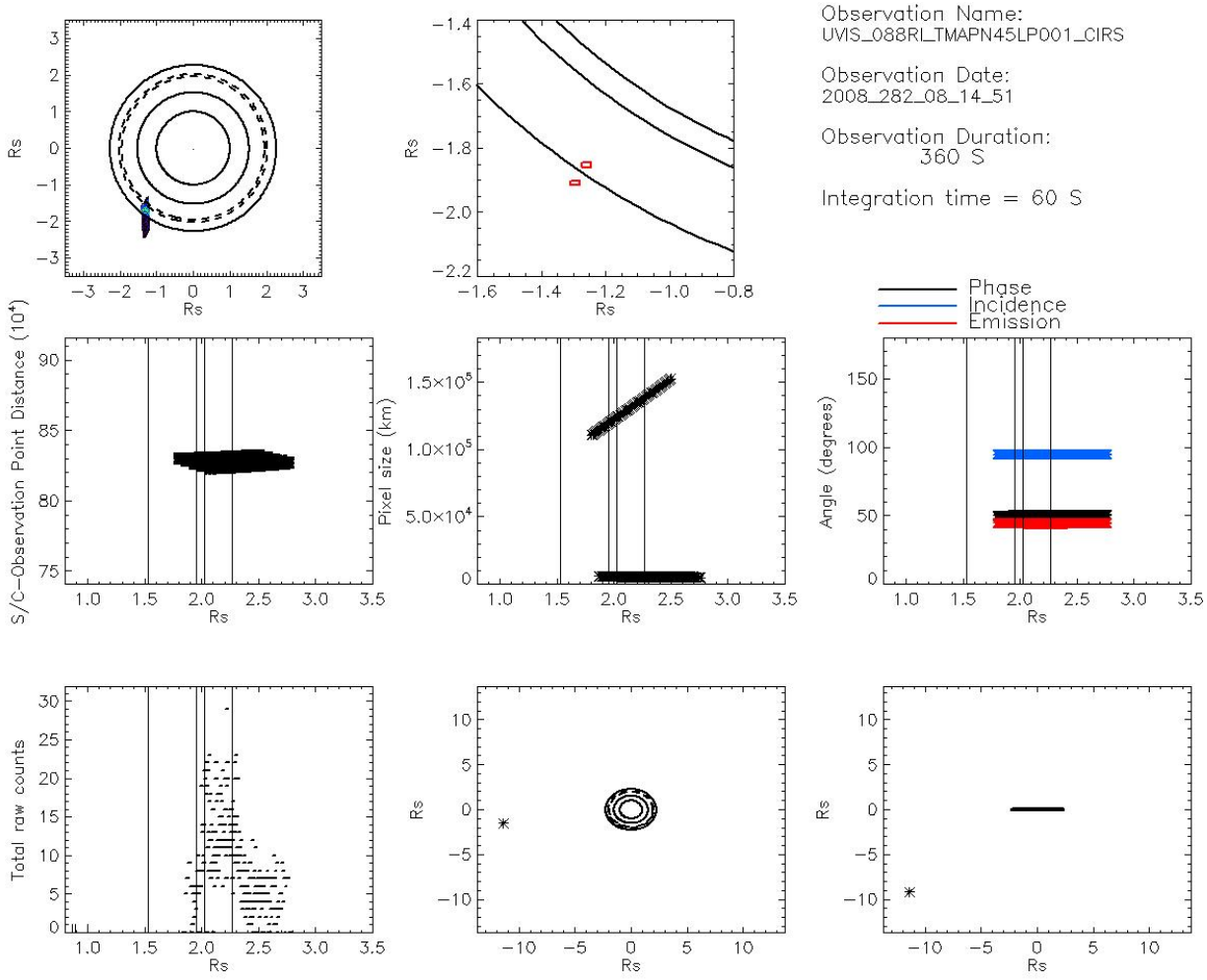


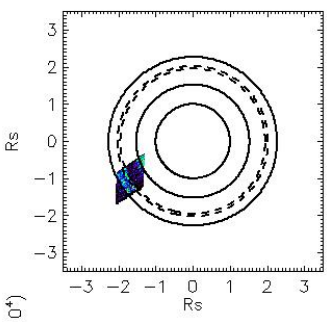


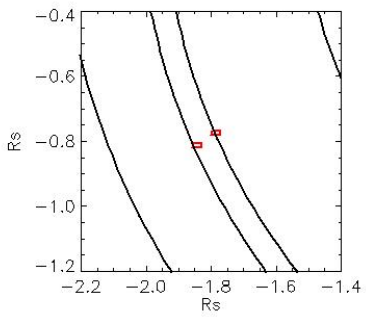





Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS
Observation Date:
2008_282_08_03_51
Observation Duration:
120 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS
Observation Date:
2008_282_08_14_51
Observation Duration:
360 S
Integration time = 60 S
Phase
Incidence
Emission
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



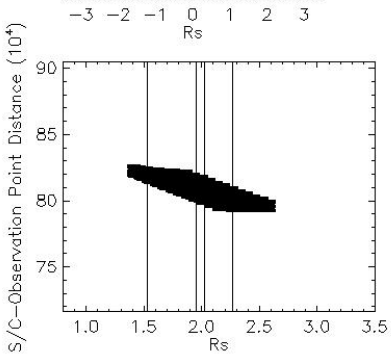


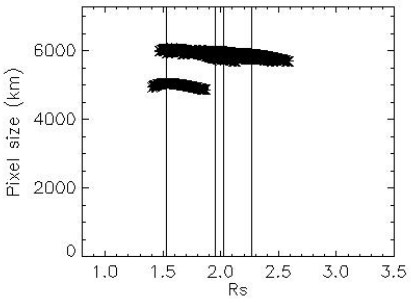
Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS

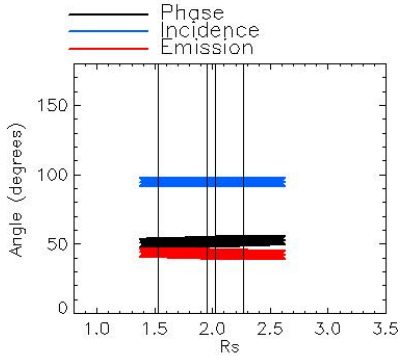
Observation Date:
2008_282_08_26_51

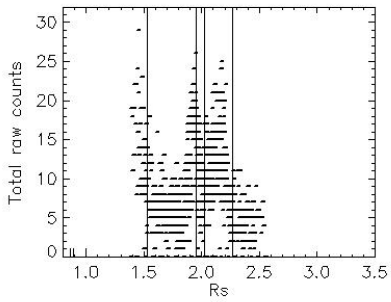
Observation Duration:
720 S

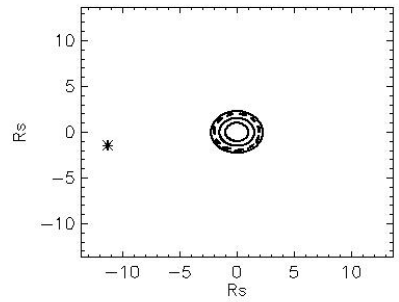
Integration time = 60 S

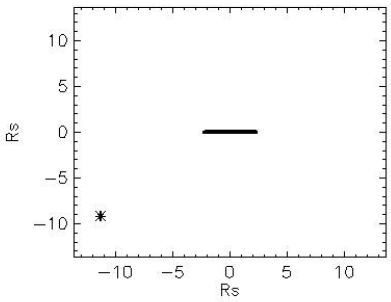


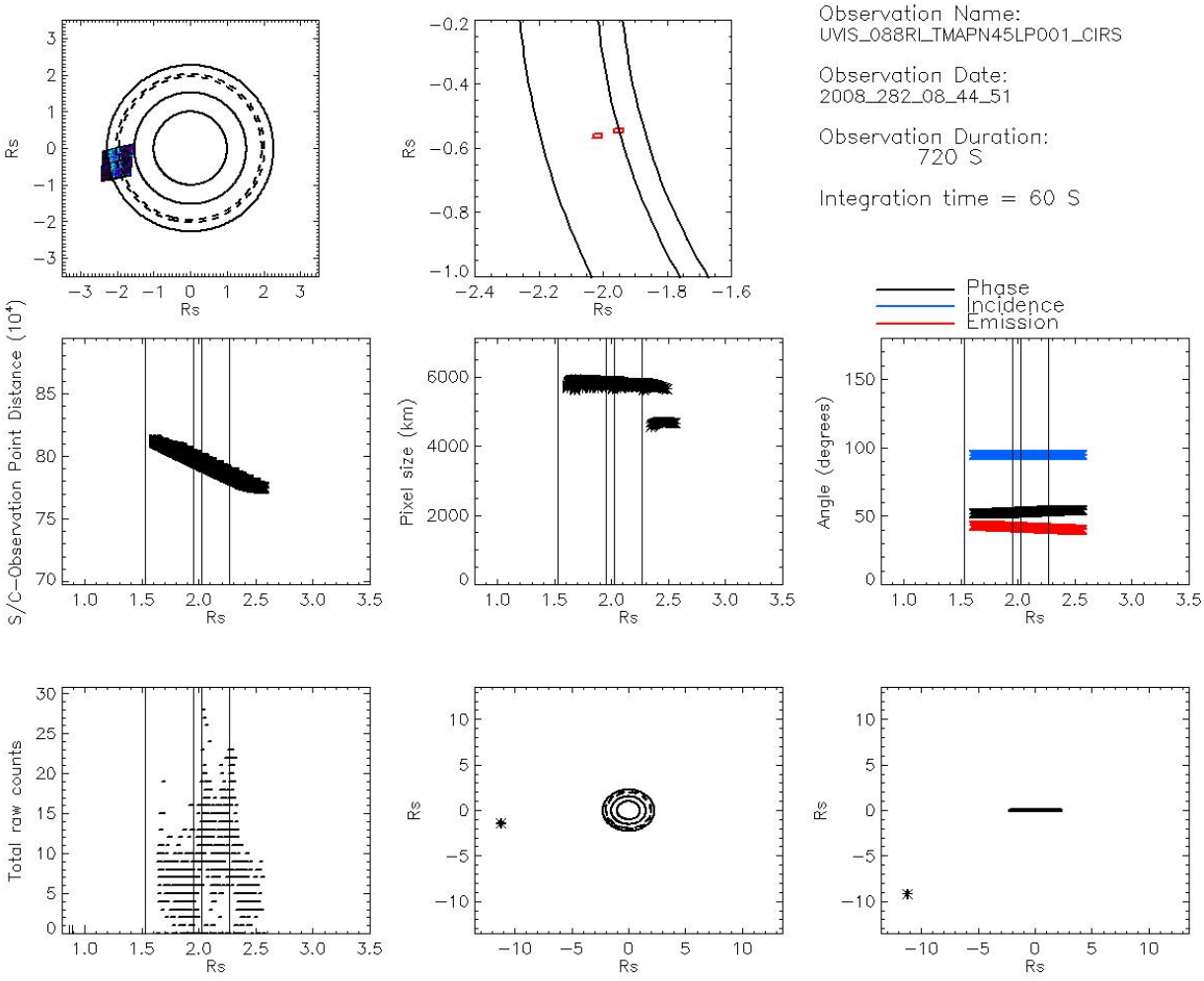


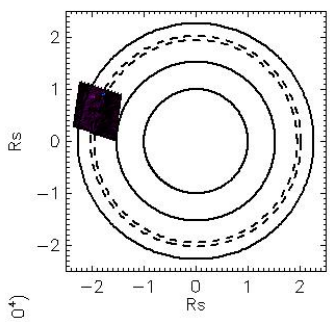


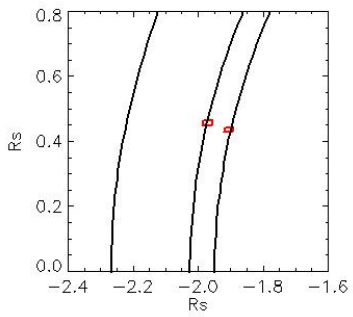







Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS
Observation Date:
2008_282_08_44_51
Observation Duration:
720 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



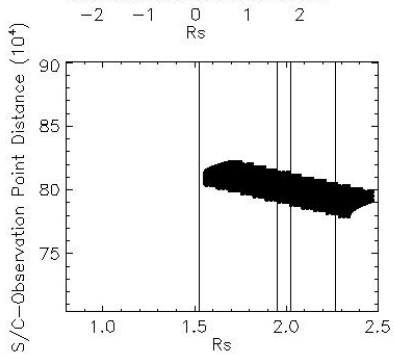


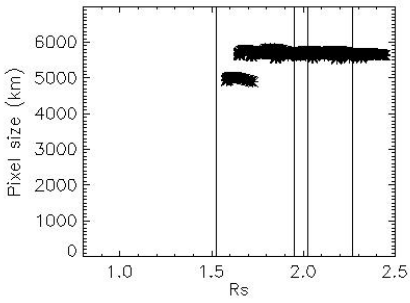
Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS

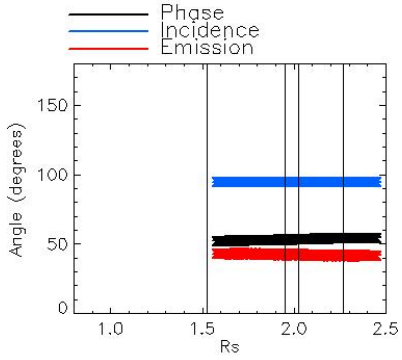
Observation Date:
2008_282_09_02_51

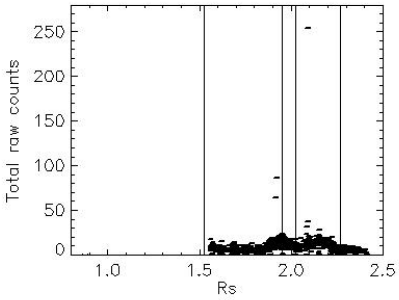
Observation Duration:
720 S

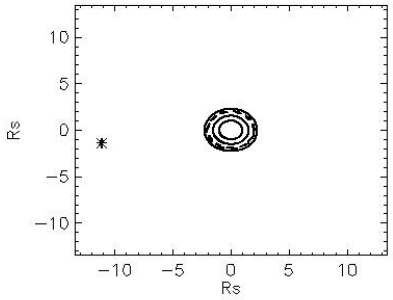
Integration time = 60 S

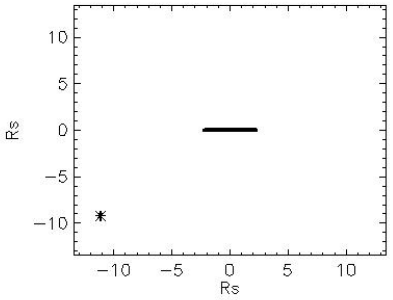


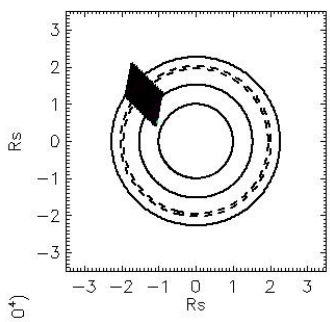


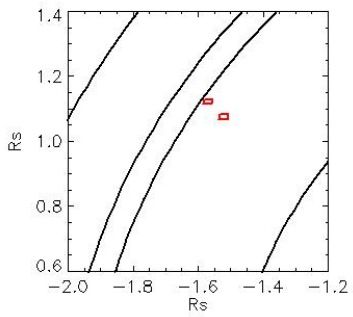










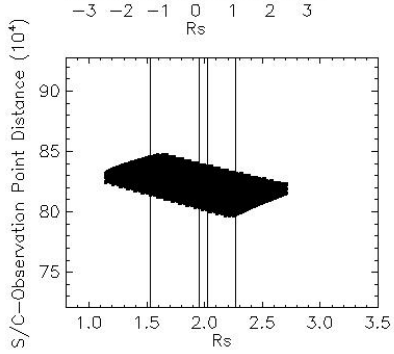


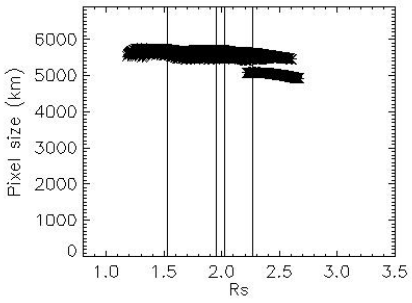
Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS

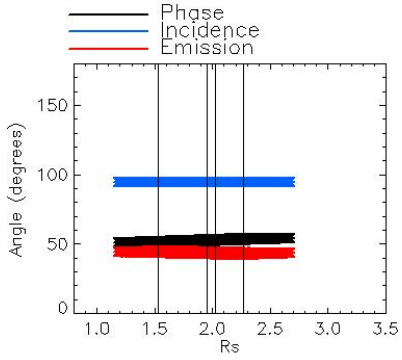
Observation Date:
2008_282_09_20_51

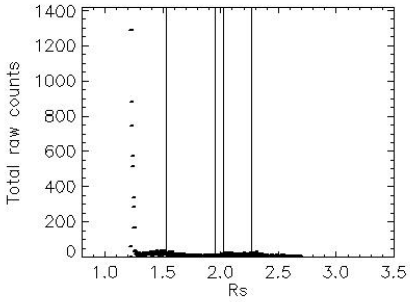
Observation Duration:
1020 S

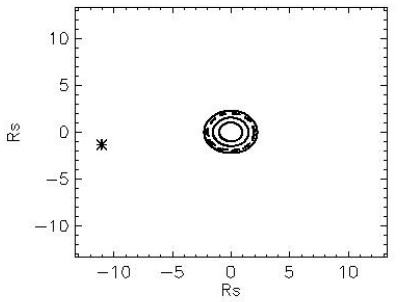
Integration time = 60 S

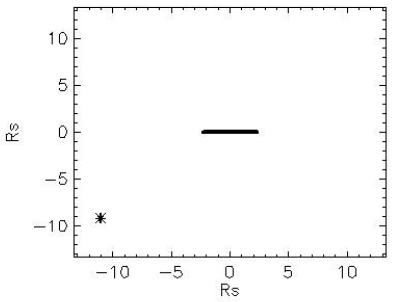


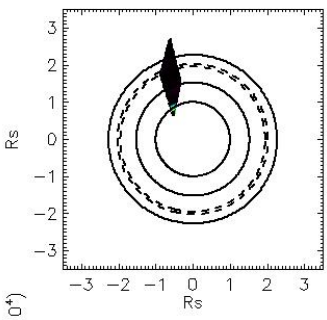


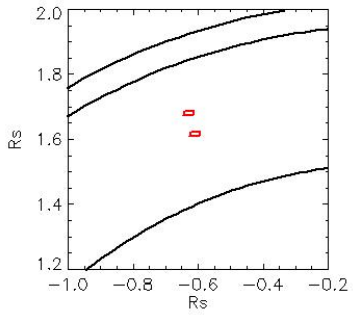










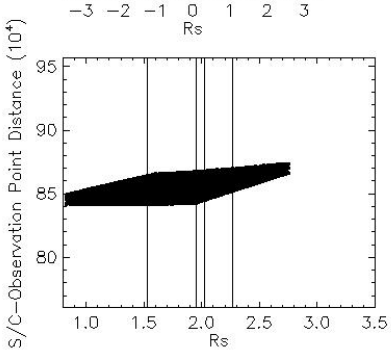


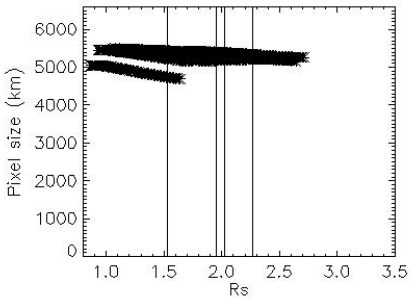
Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS

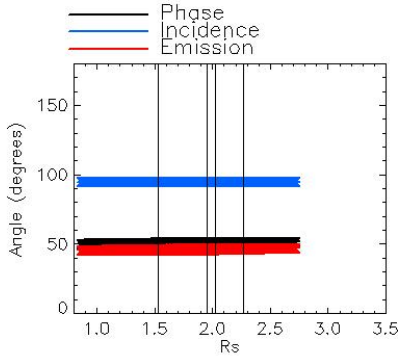
Observation Date:
2008_282_09_43_51

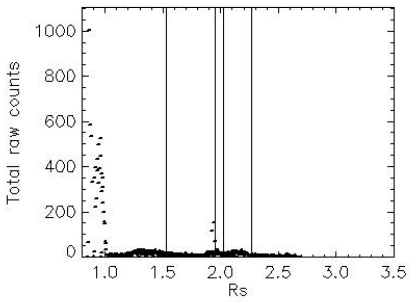
Observation Duration:
1020 S

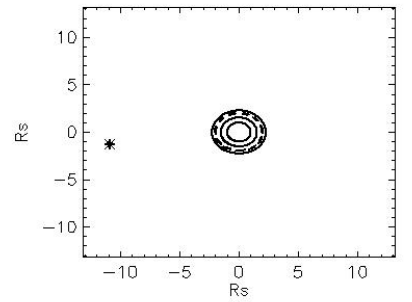
Integration time = 60 S

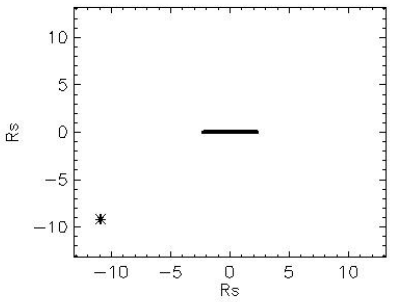


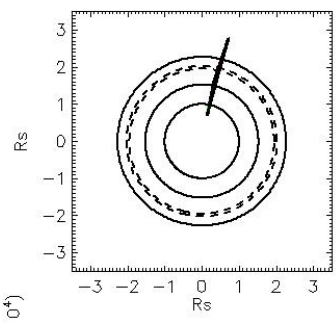


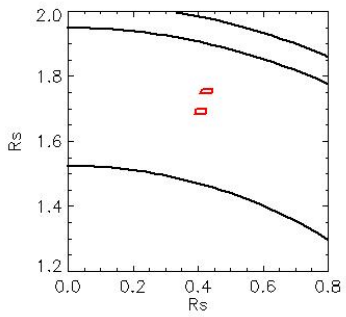










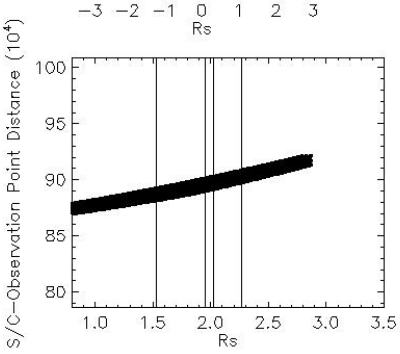


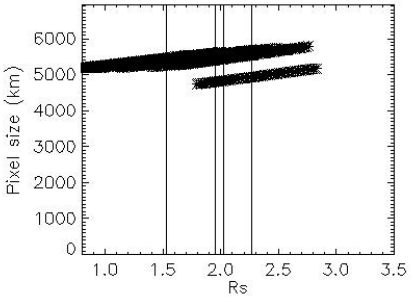
Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS

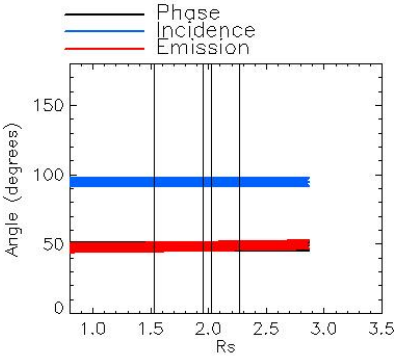
Observation Date:
2008_282_10_06_51

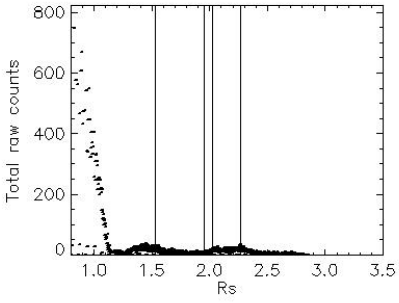
Observation Duration:
1020 S

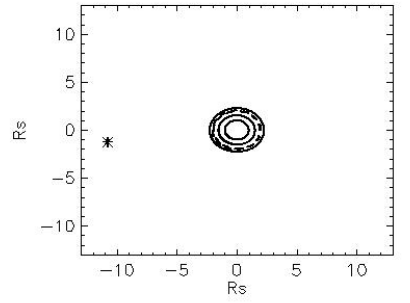
Integration time = 60 S

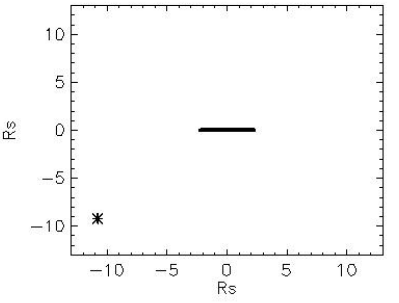


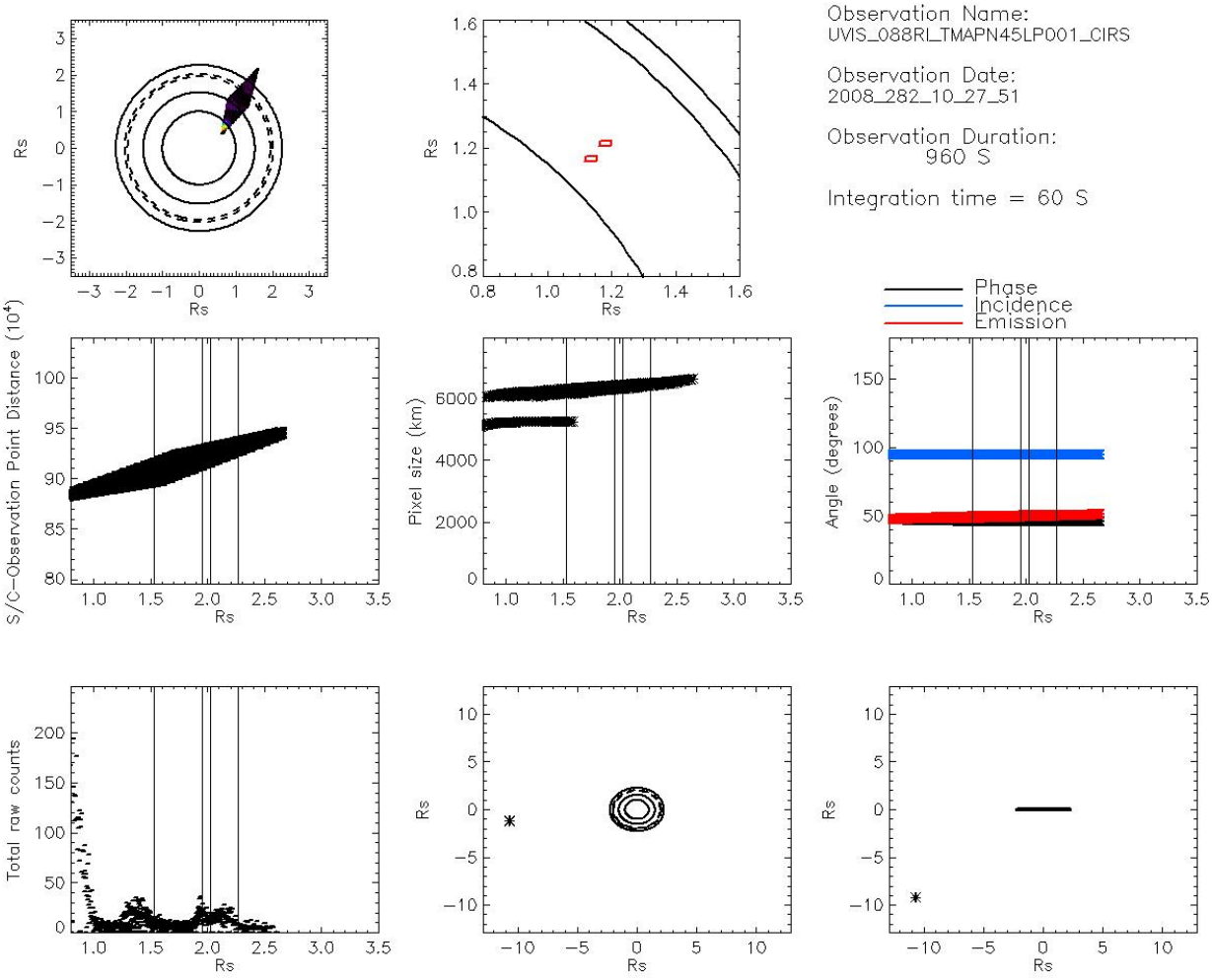


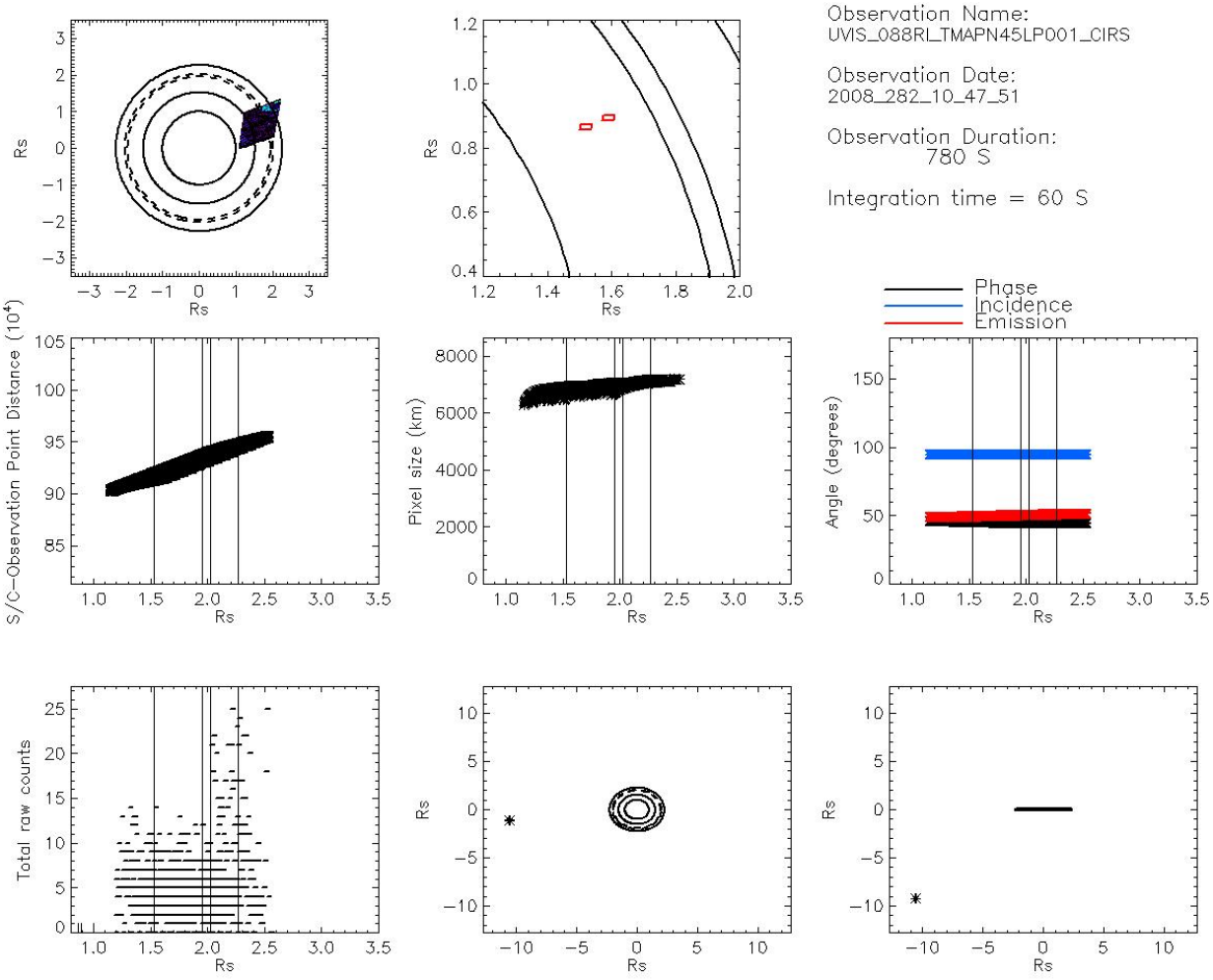


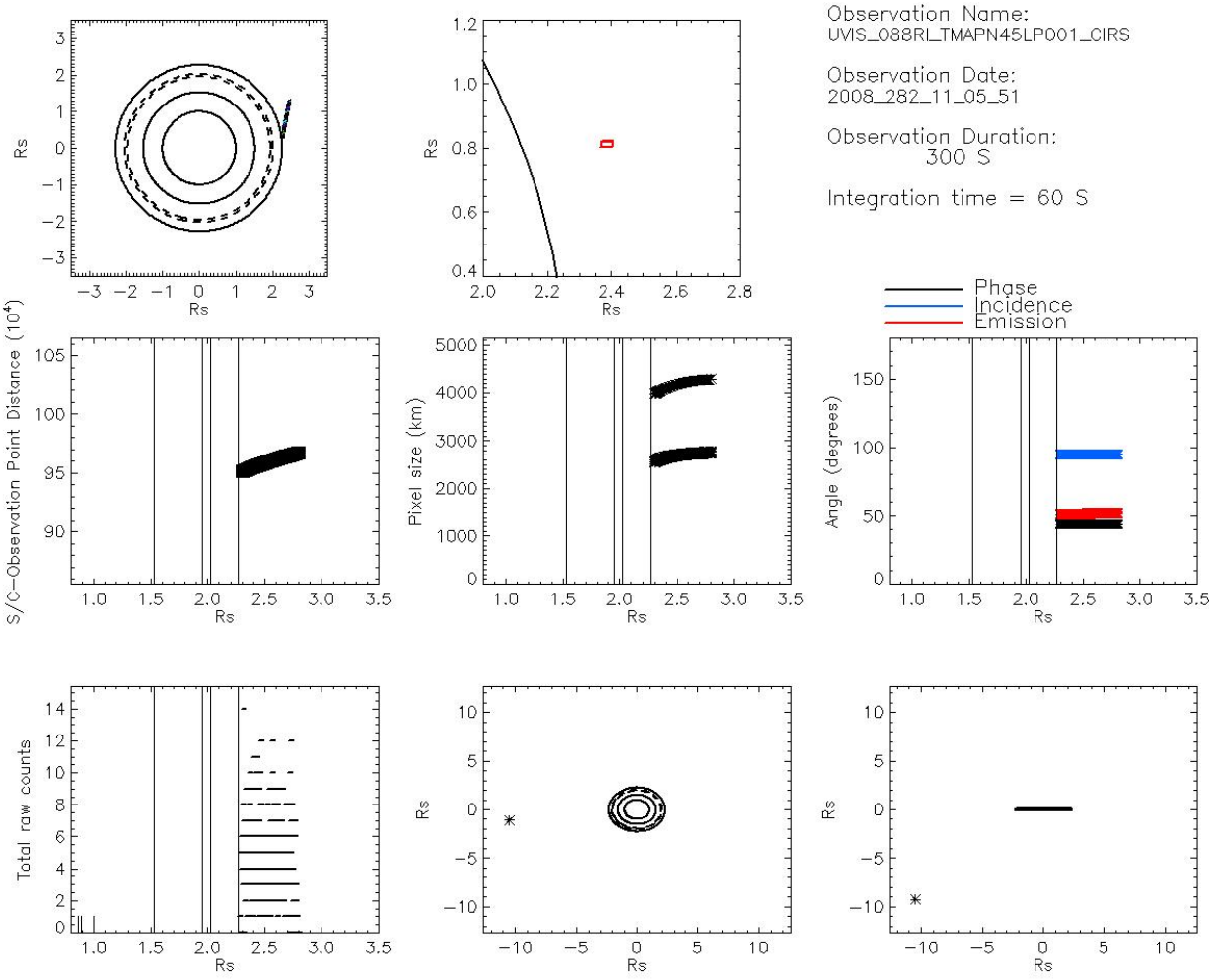


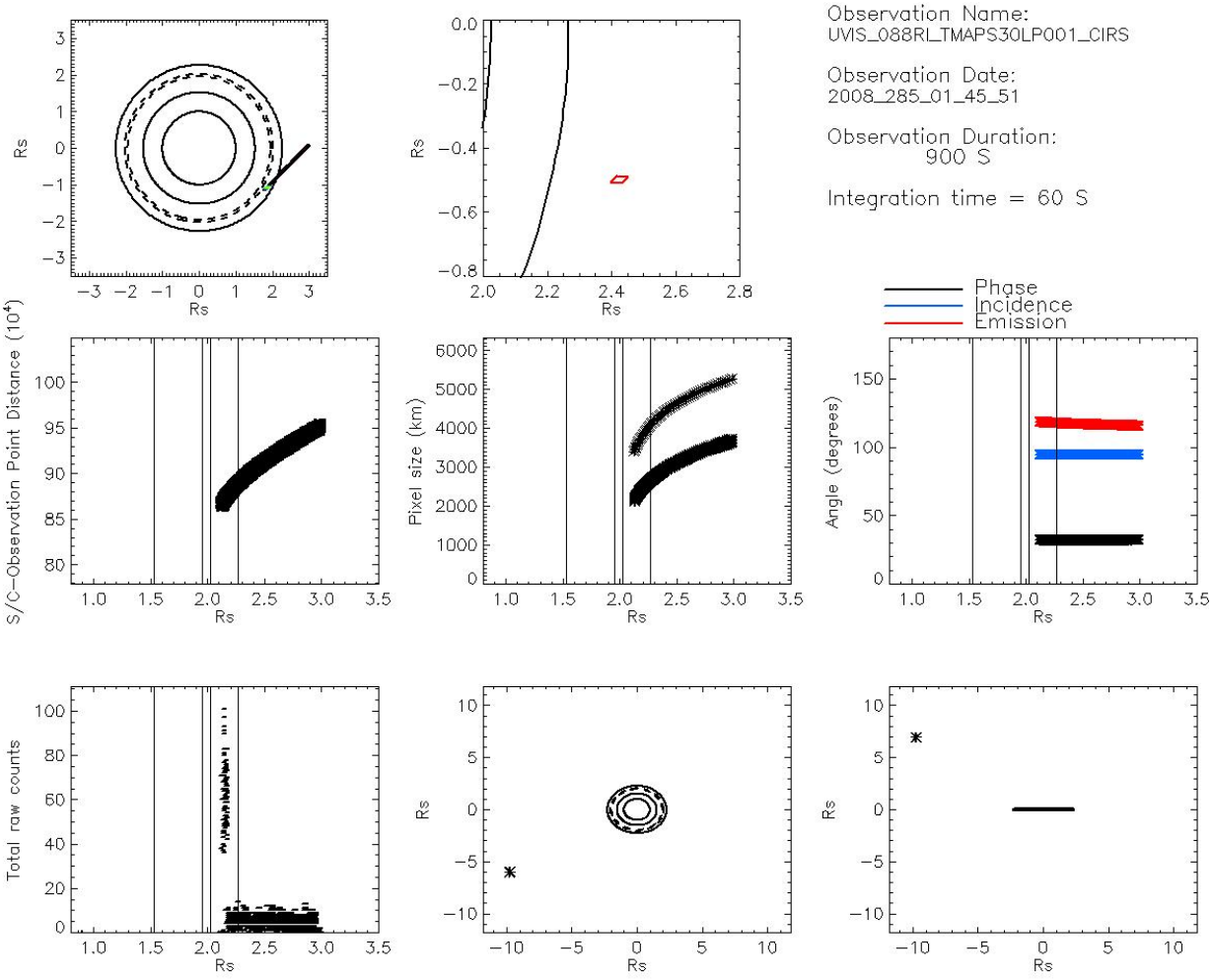


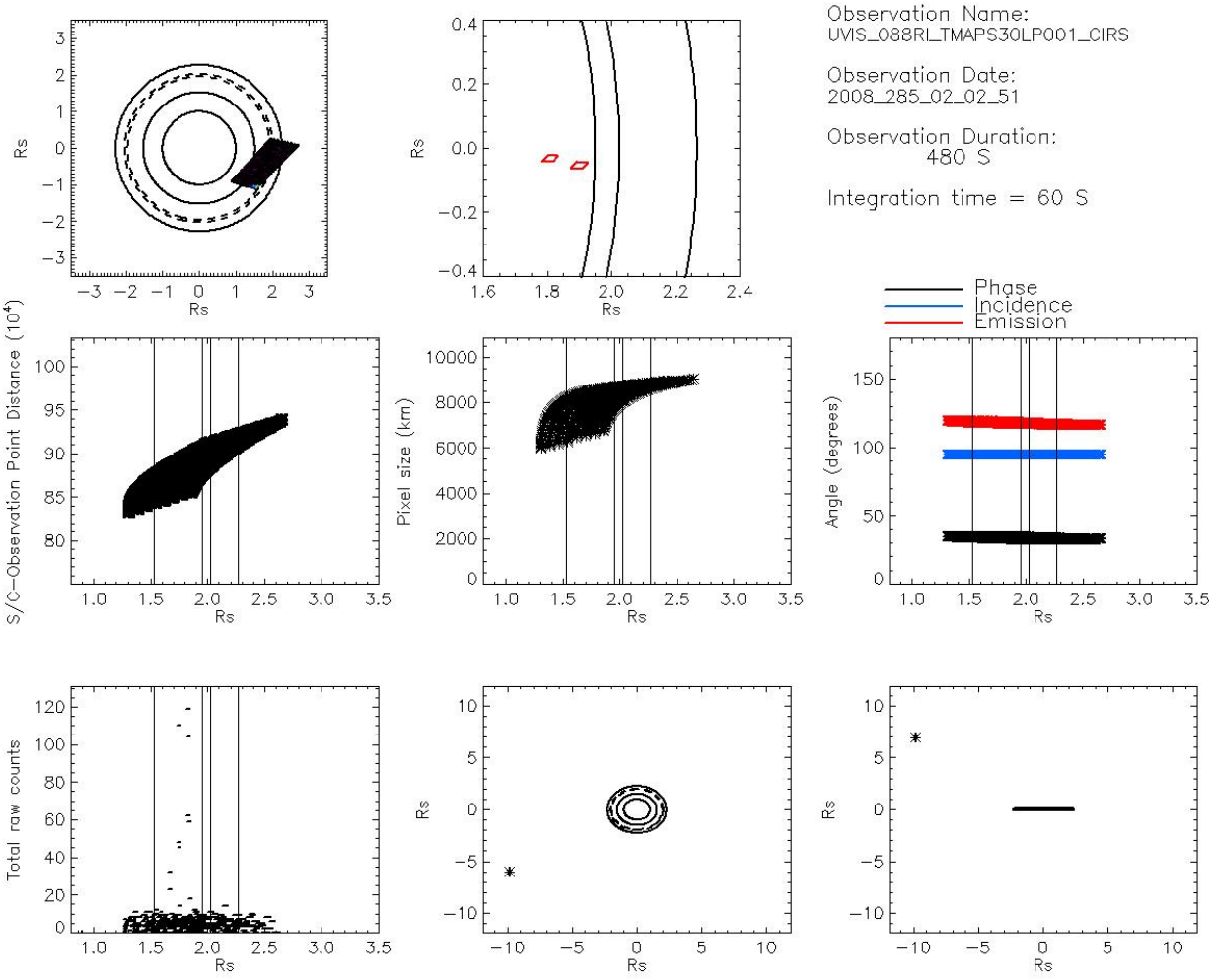


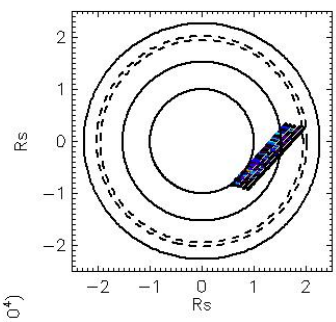

Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS
Observation Date:
2008_282_10_27_51
Observation Duration:
960 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

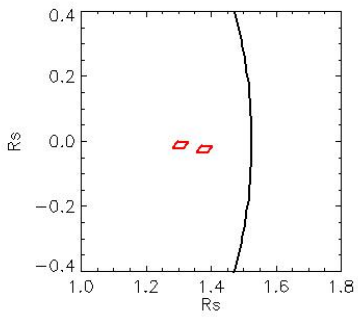

Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS
Observation Date:
2008_282_10_47_51
Observation Duration:
780 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_088RI_TMAPN45LP001_CIRS
Observation Date:
2008_282_11_05_51
Observation Duration:
300 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_01_45_51
Observation Duration:
900 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_02_02_51
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



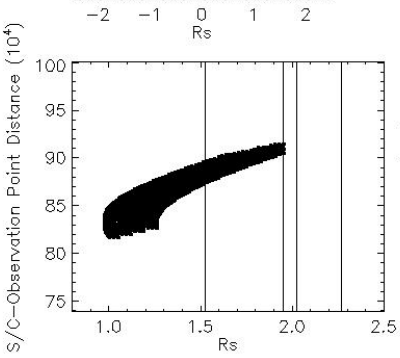


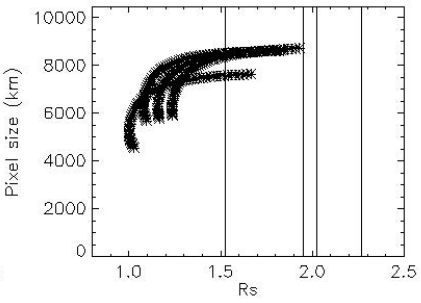
Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

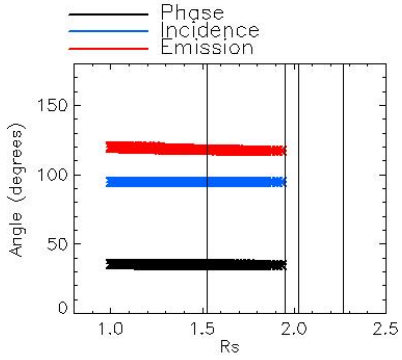
Observation Date:
2008_285_02_10_51

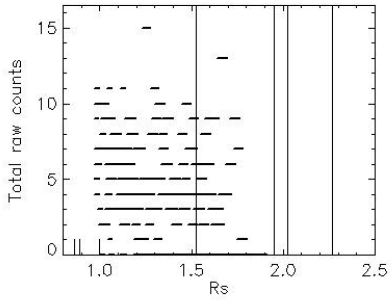
Observation Duration:
240 S

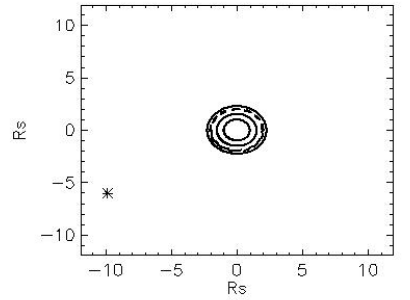
Integration time = 60 S

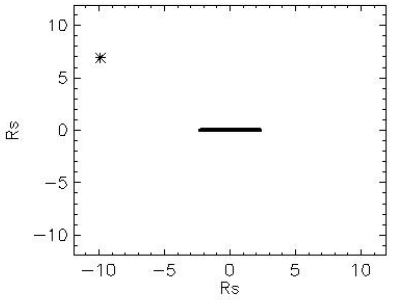


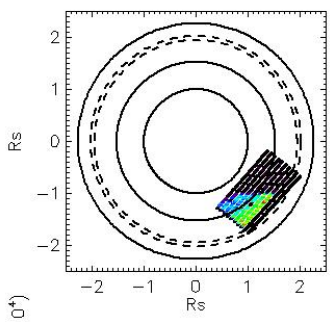


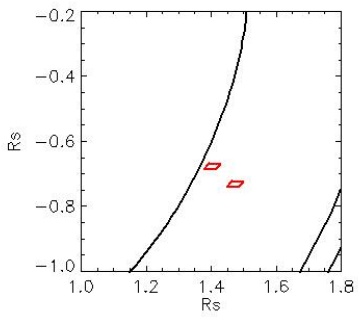










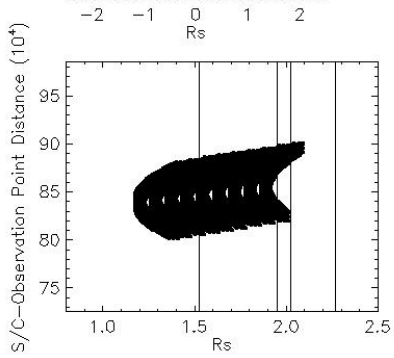


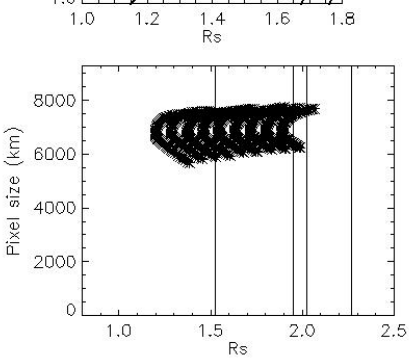
Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

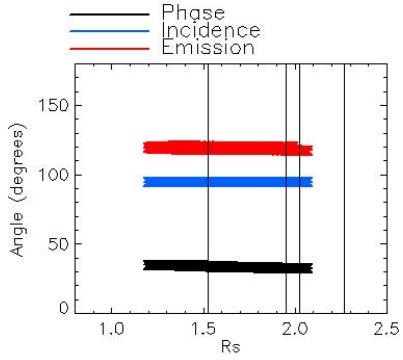
Observation Date:
2008_285_02_20_51

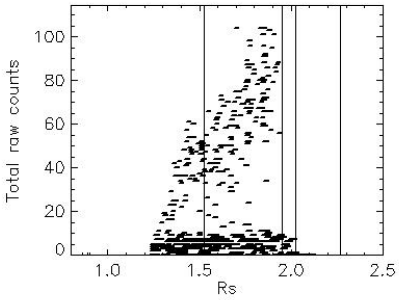
Observation Duration:
540 S

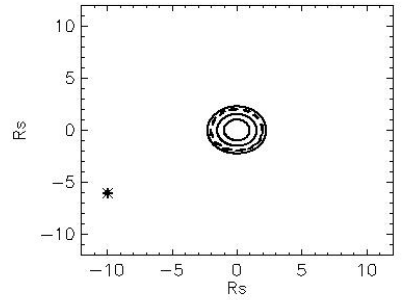
Integration time = 60 S

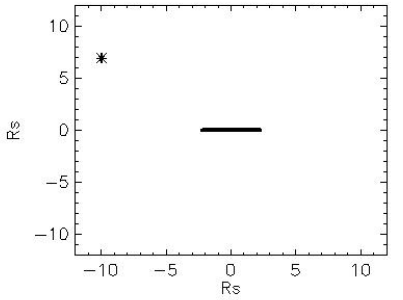


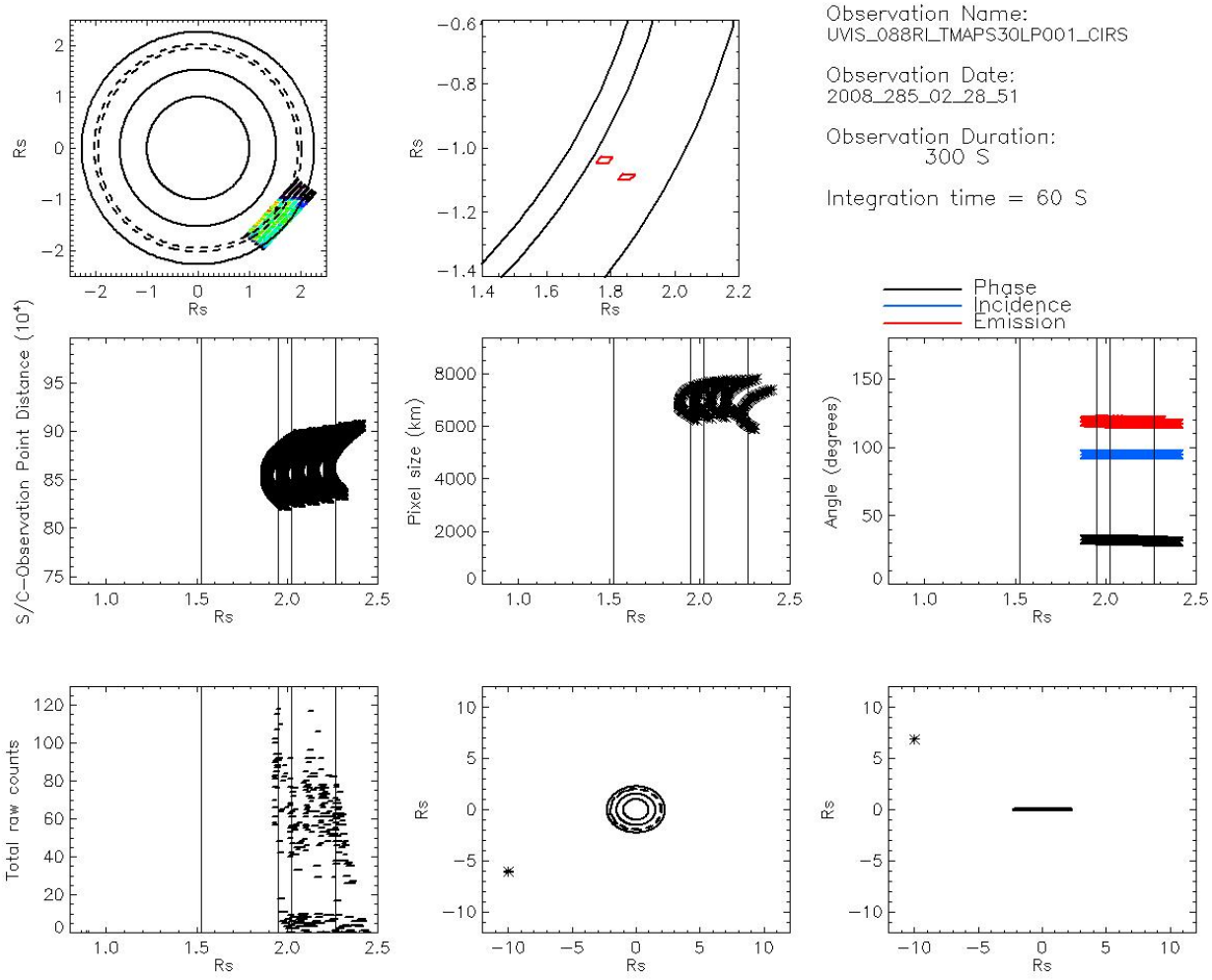


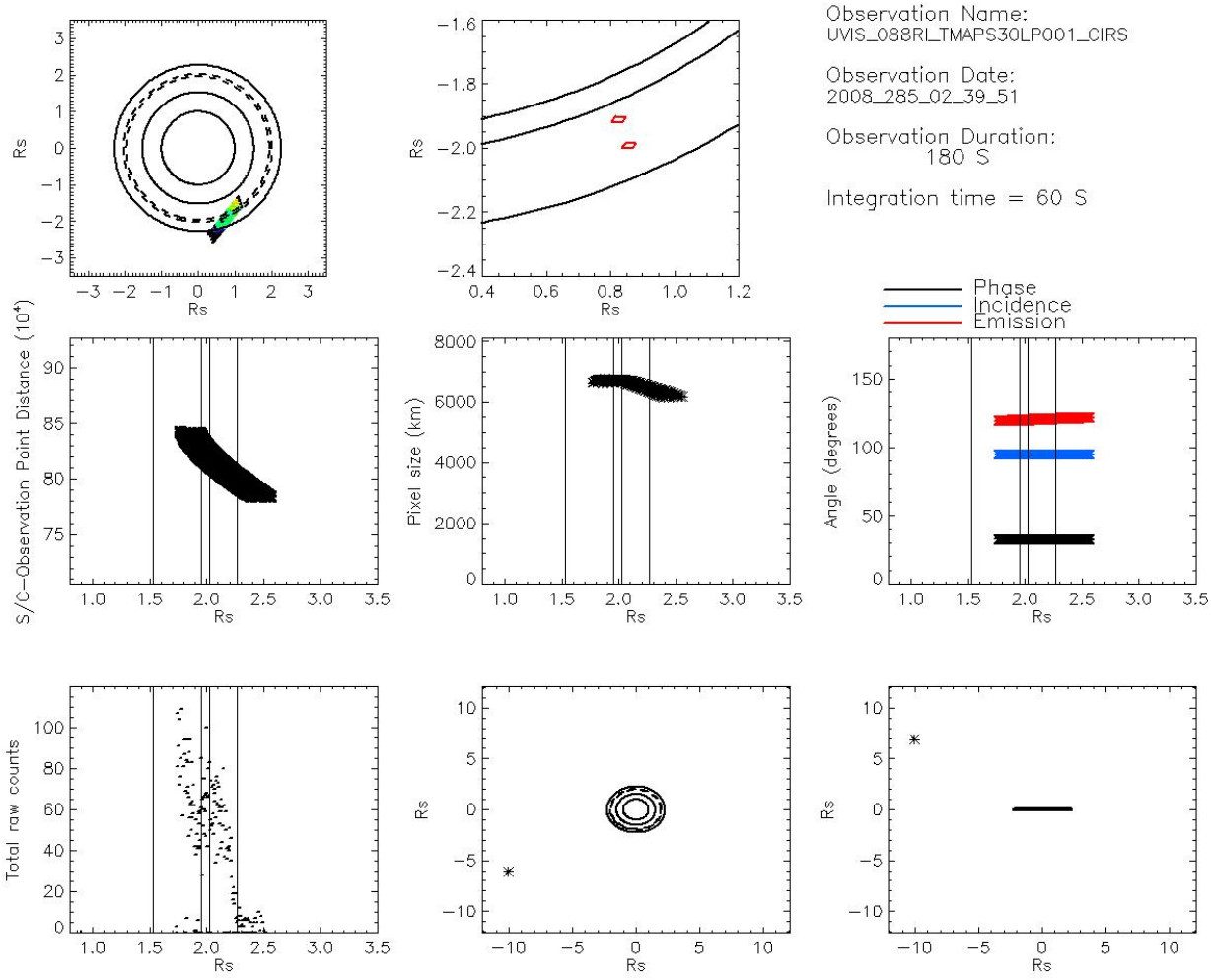


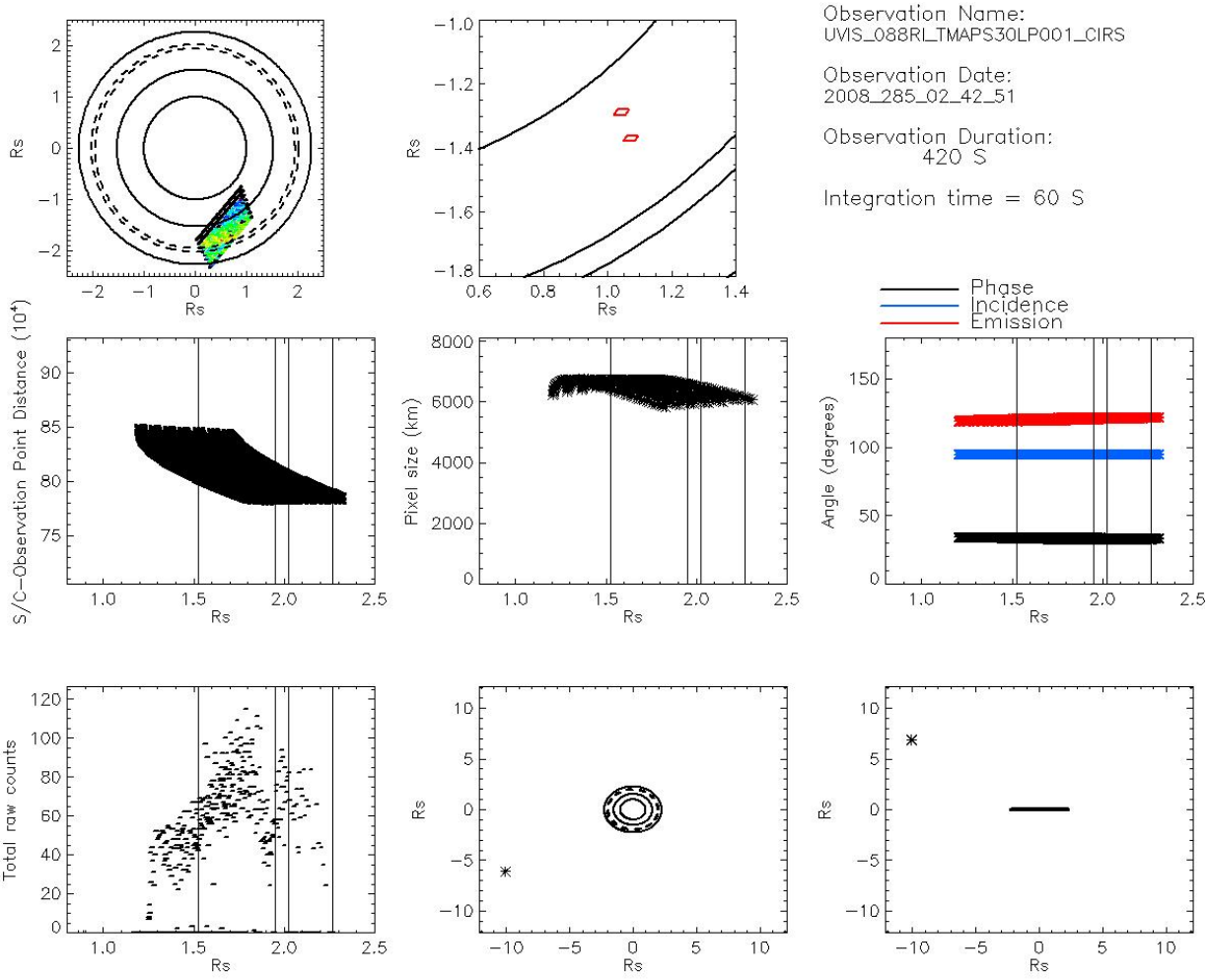


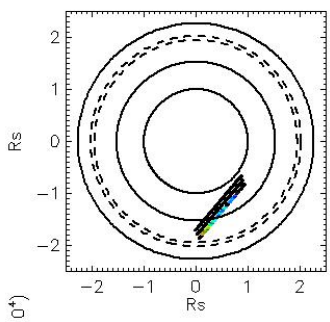


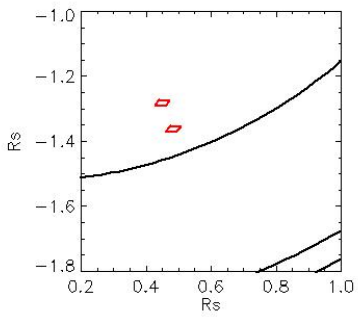



Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_02_28_51
Observation Duration:
300 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_02_39_51
Observation Duration:
180 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_02_42_51
Observation Duration:
420 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



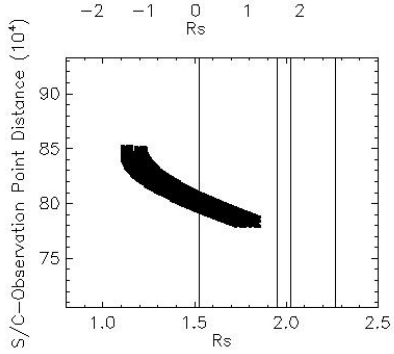


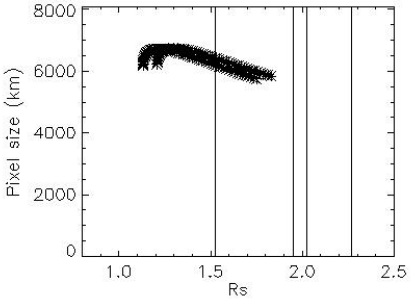
Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

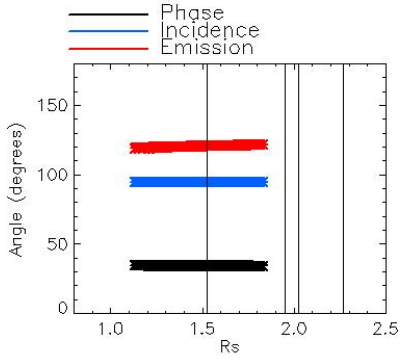
Observation Date:
2008_285_02_48_51

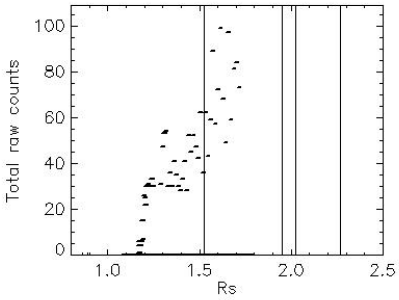
Observation Duration:
120 S

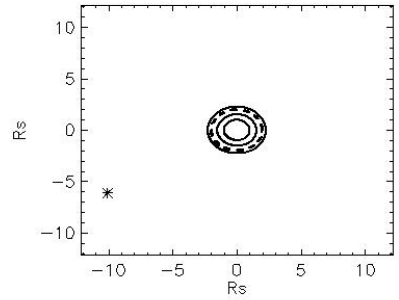
Integration time = 60 S

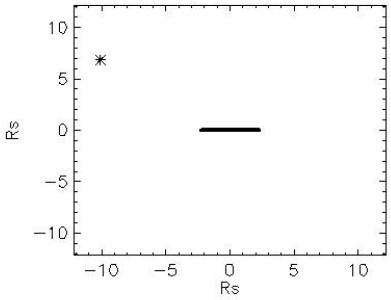


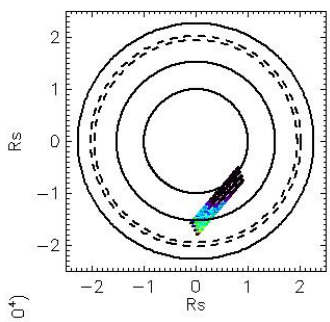


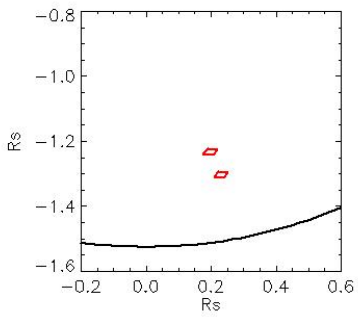










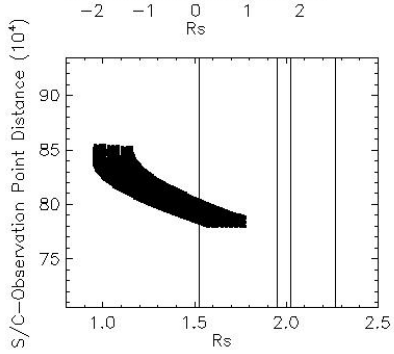


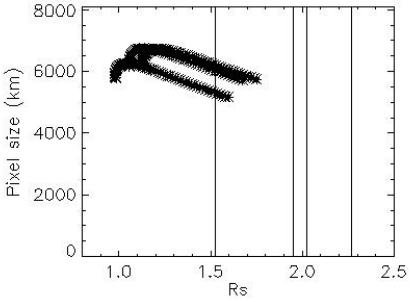
Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

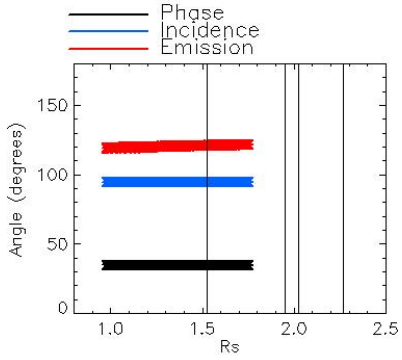
Observation Date:
2008_285_02_49_51

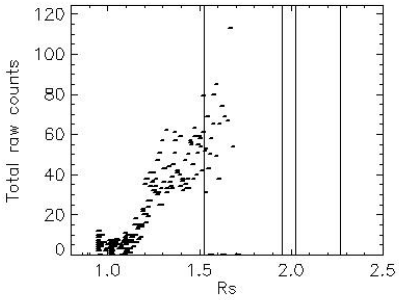
Observation Duration:
180 S

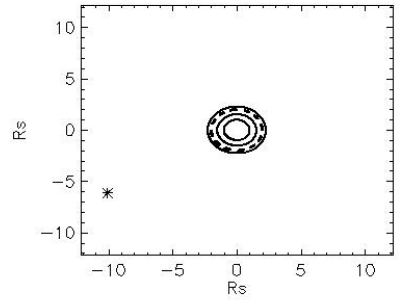
Integration time = 60 S

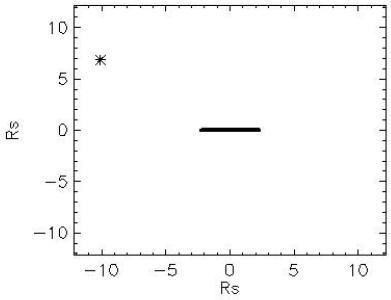


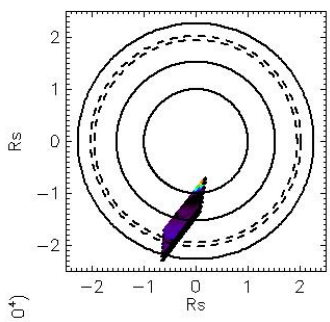


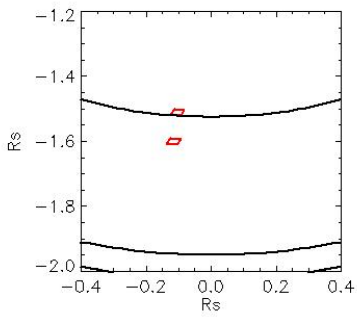










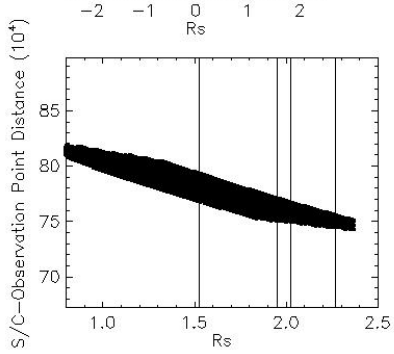


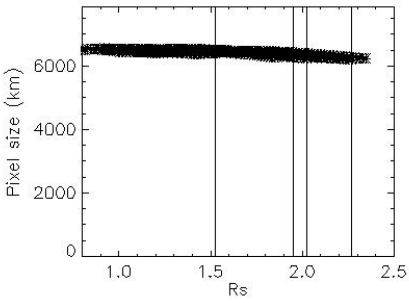
Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

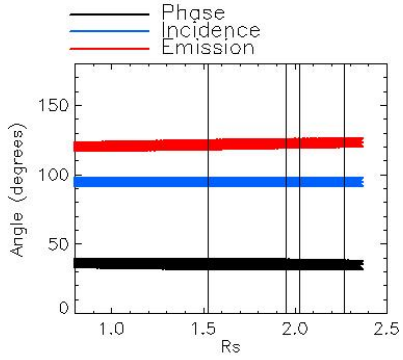
Observation Date:
2008_285_02_58_51

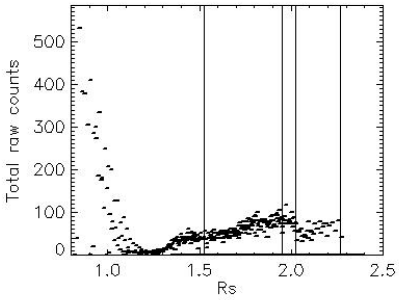
Observation Duration:
420 S

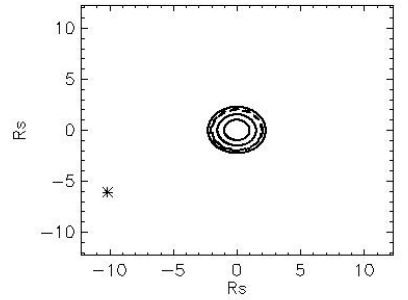
Integration time = 60 S

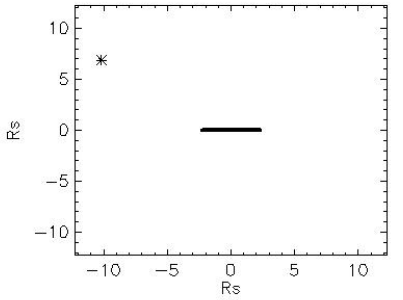


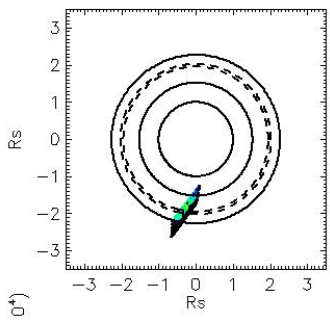


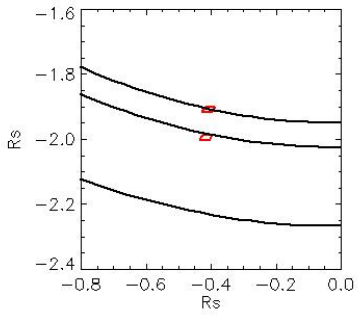










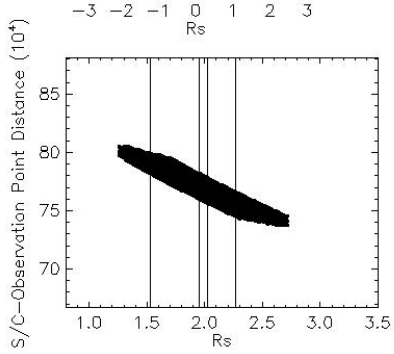


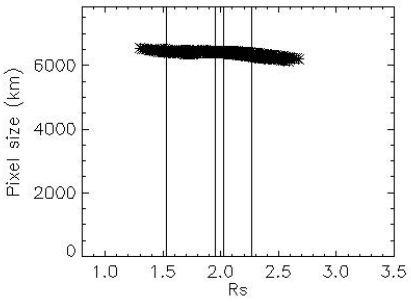
Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

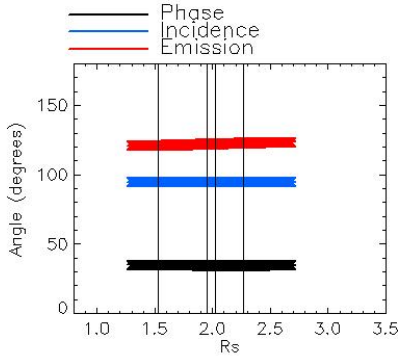
Observation Date:
2008_285_03_04_51

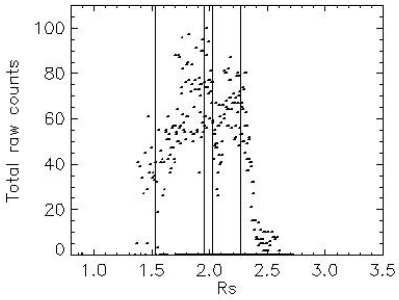
Observation Duration:
300 S

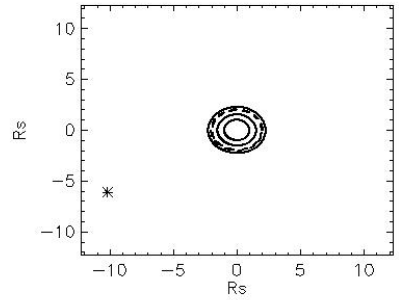
Integration time = 60 S

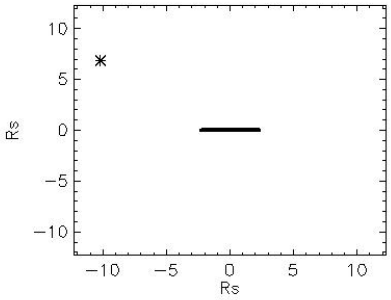


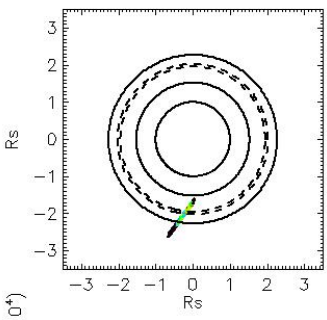


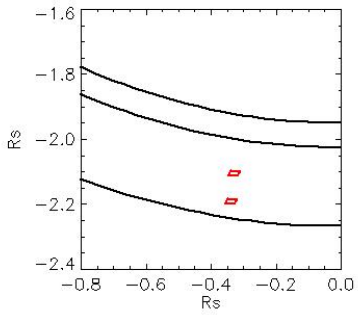










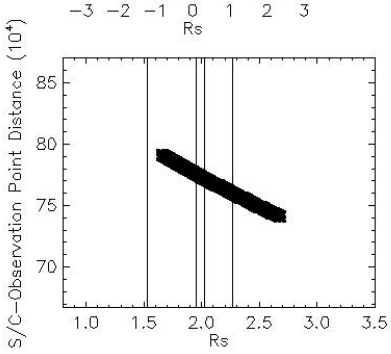


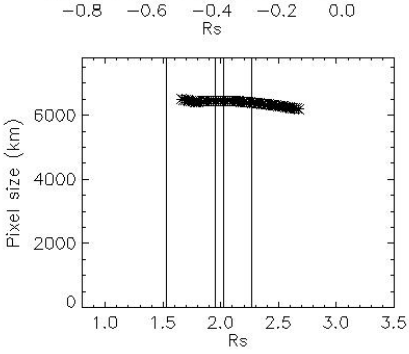
Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

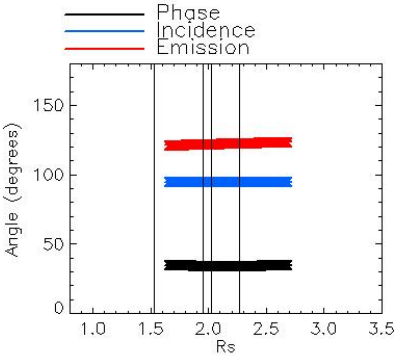
Observation Date:
2008_285_03_08_51

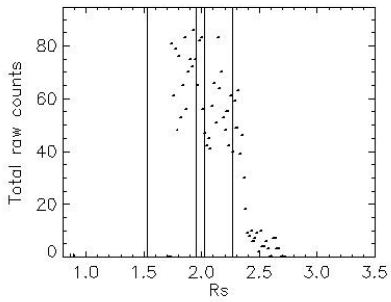
Observation Duration:
60 S

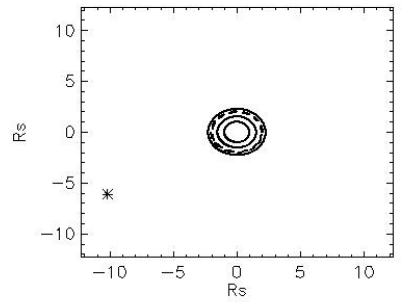
Integration time = 60 S

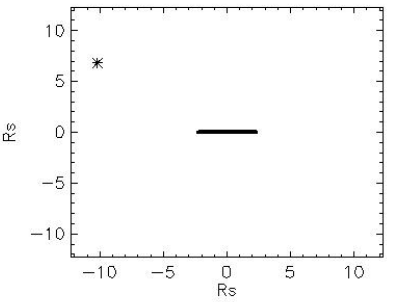


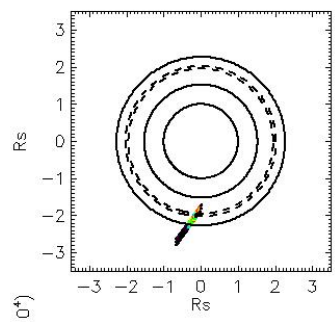


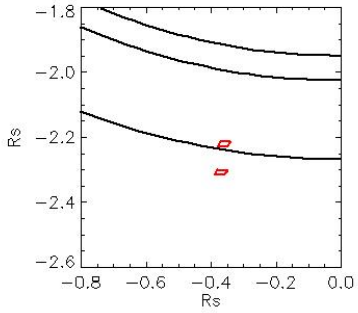










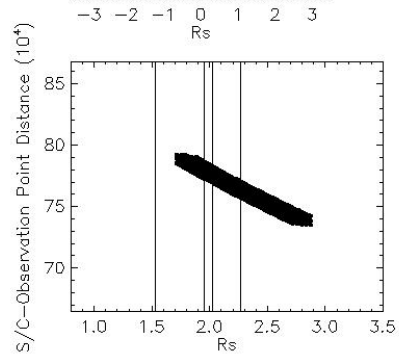


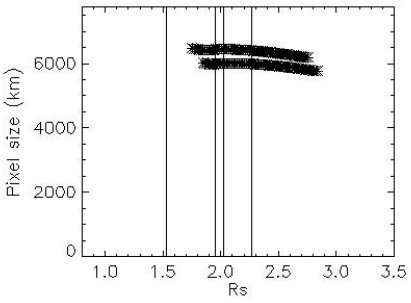
Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

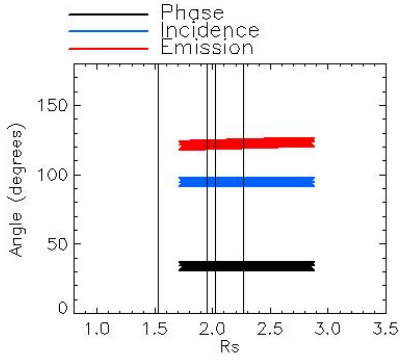
Observation Date:
2008_285_03_09_51

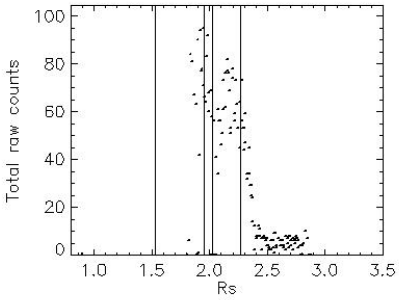
Observation Duration:
120 S

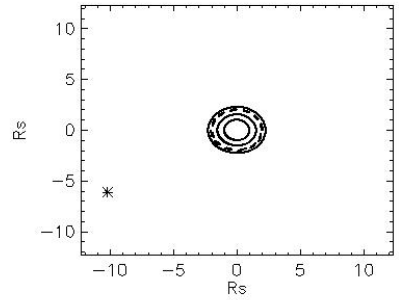
Integration time = 60 S

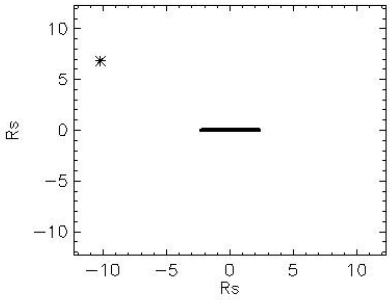


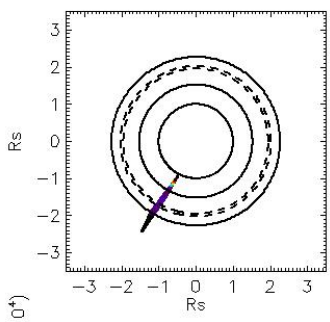


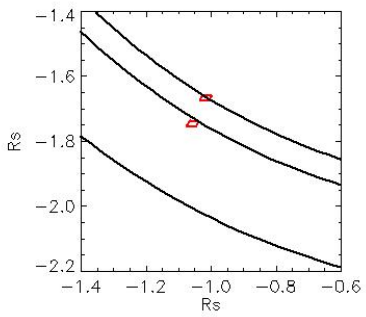










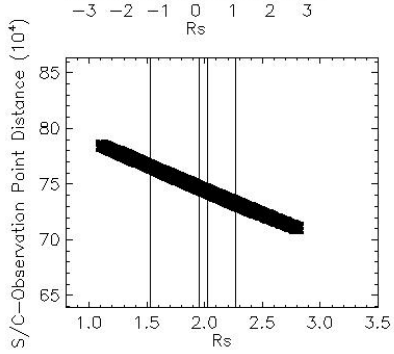


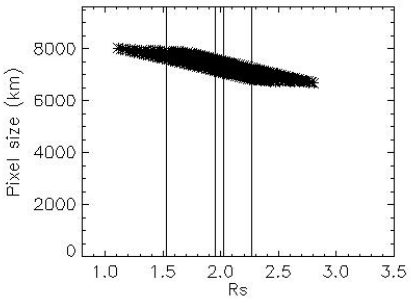
Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

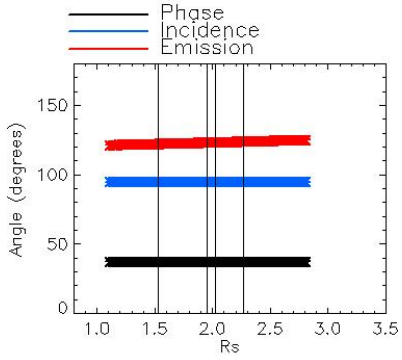
Observation Date:
2008_285_03_17_51

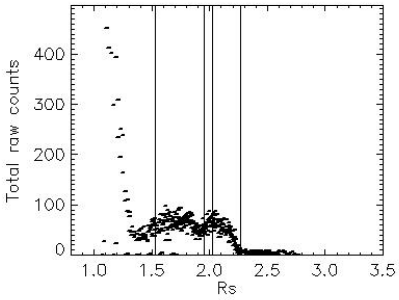
Observation Duration:
420 S

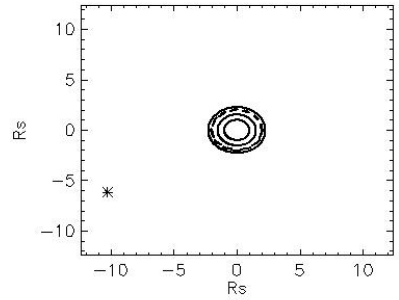
Integration time = 60 S

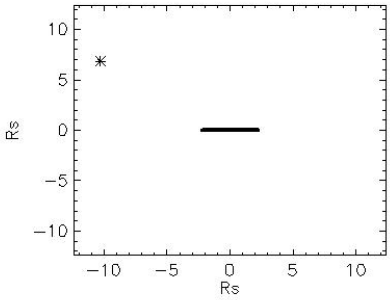


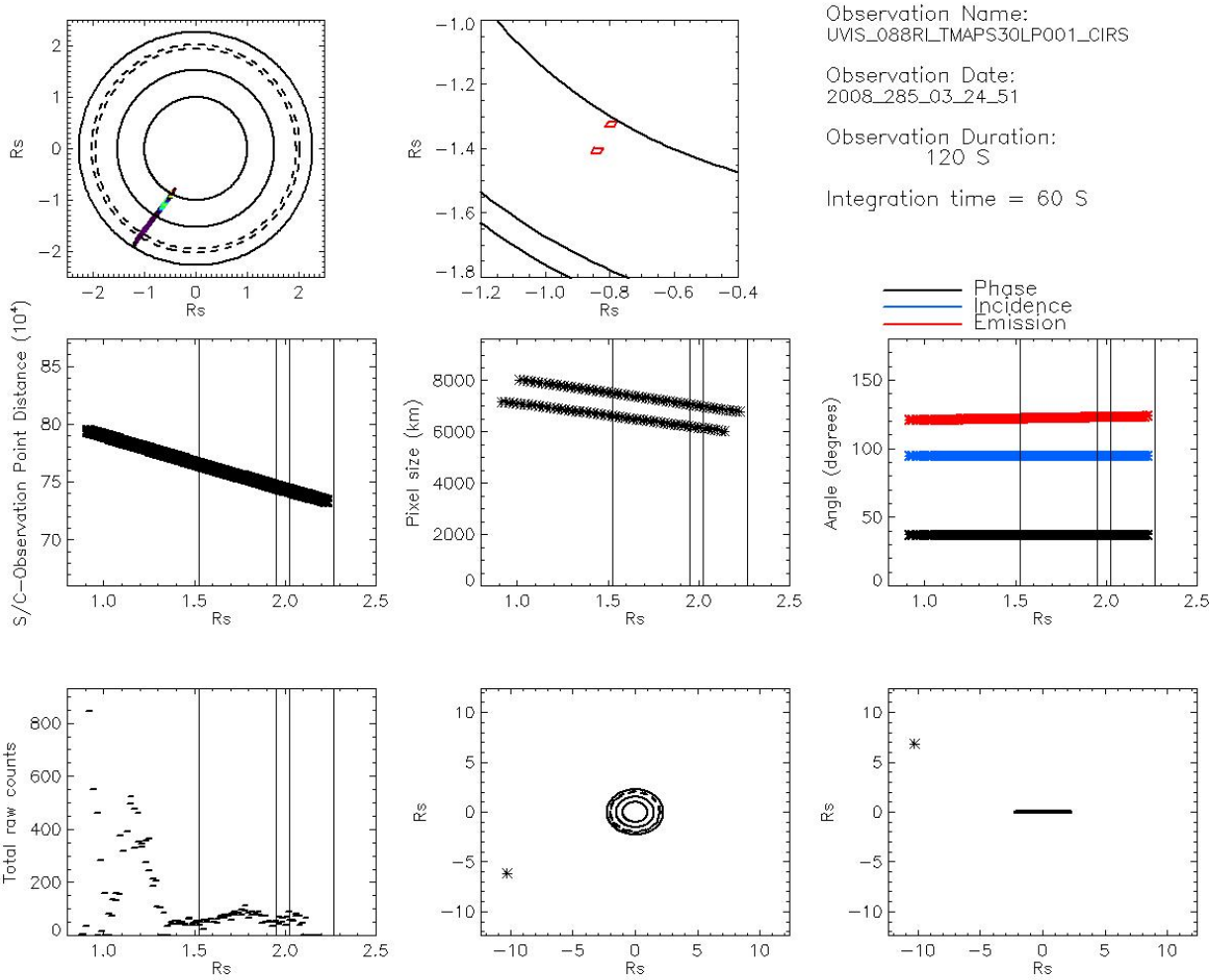


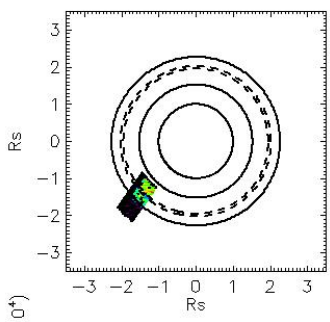


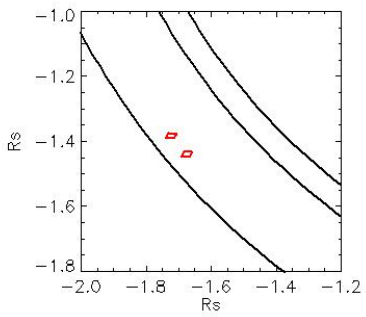







Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_03_24_51
Observation Duration:
120 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



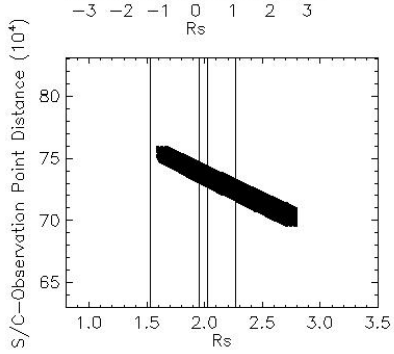


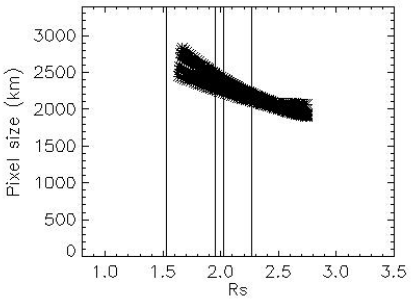
Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

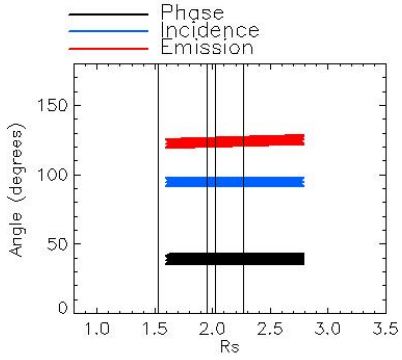
Observation Date:
2008_285_03_32_51

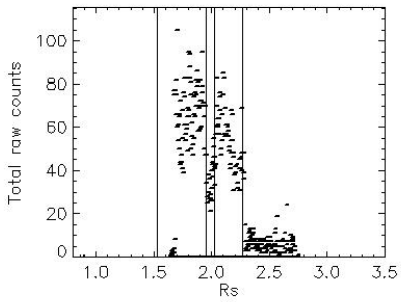
Observation Duration:
420 S

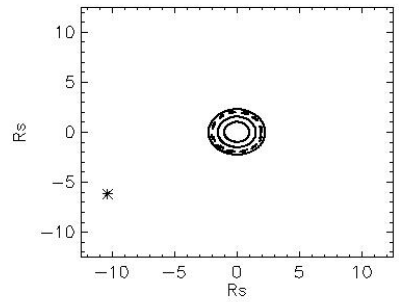
Integration time = 60 S

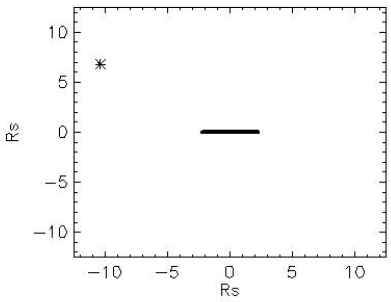


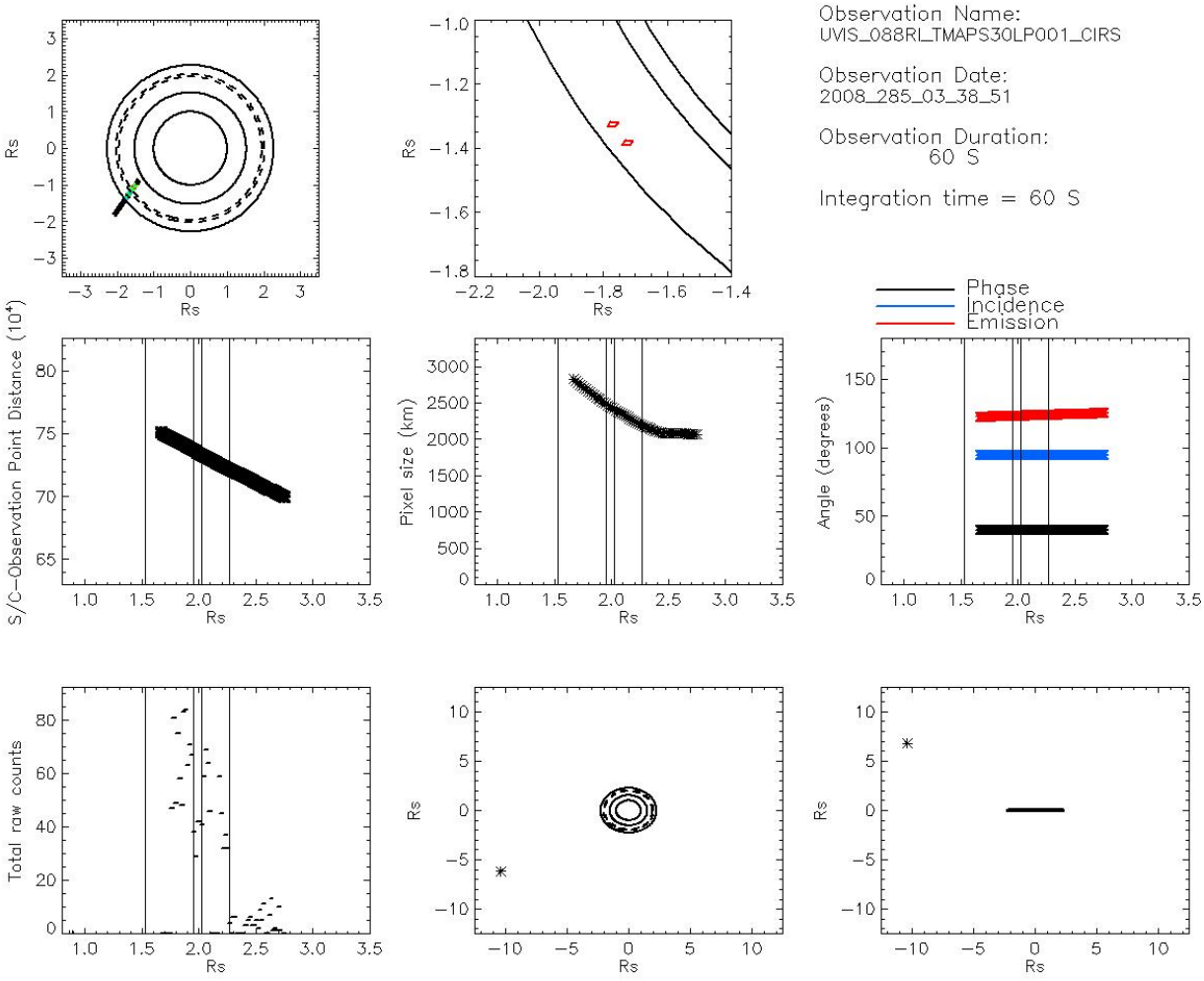


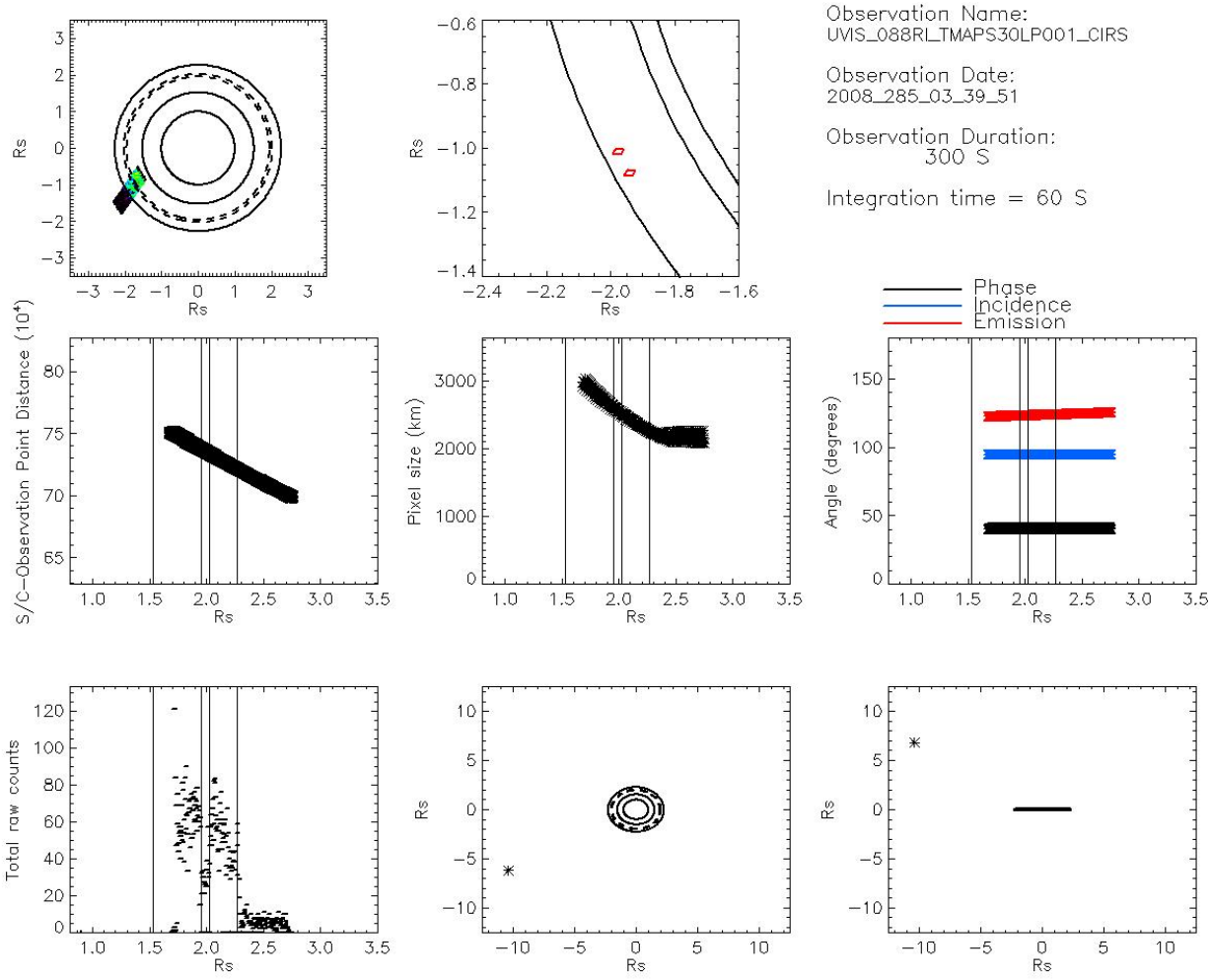


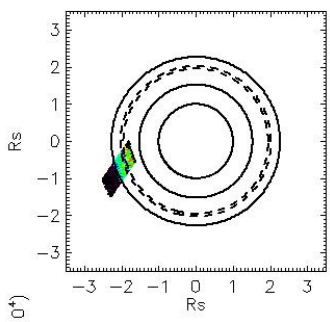


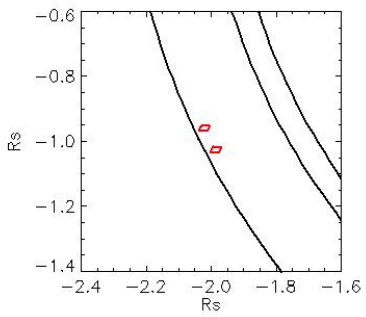





Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_03_38_51
Observation Duration:
60 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_03_39_51
Observation Duration:
300 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



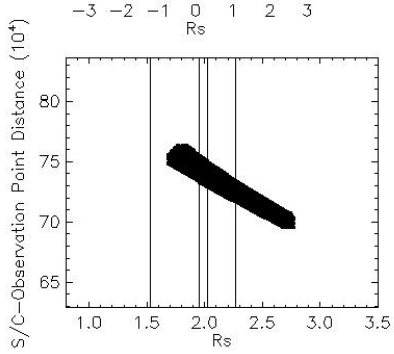


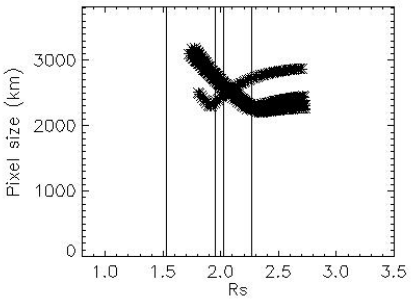
Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

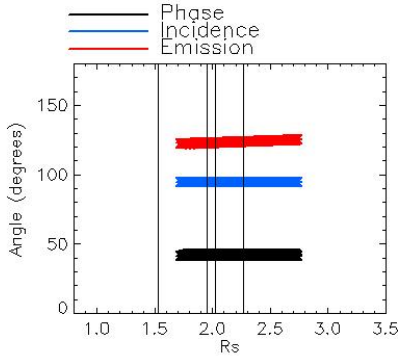
Observation Date:
2008_285_03_44_51

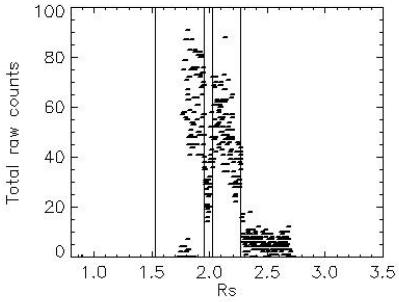
Observation Duration:
420 S

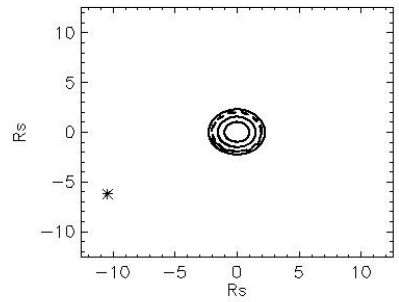
Integration time = 60 S

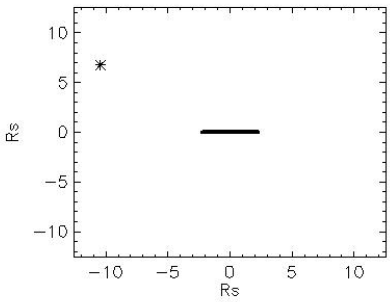


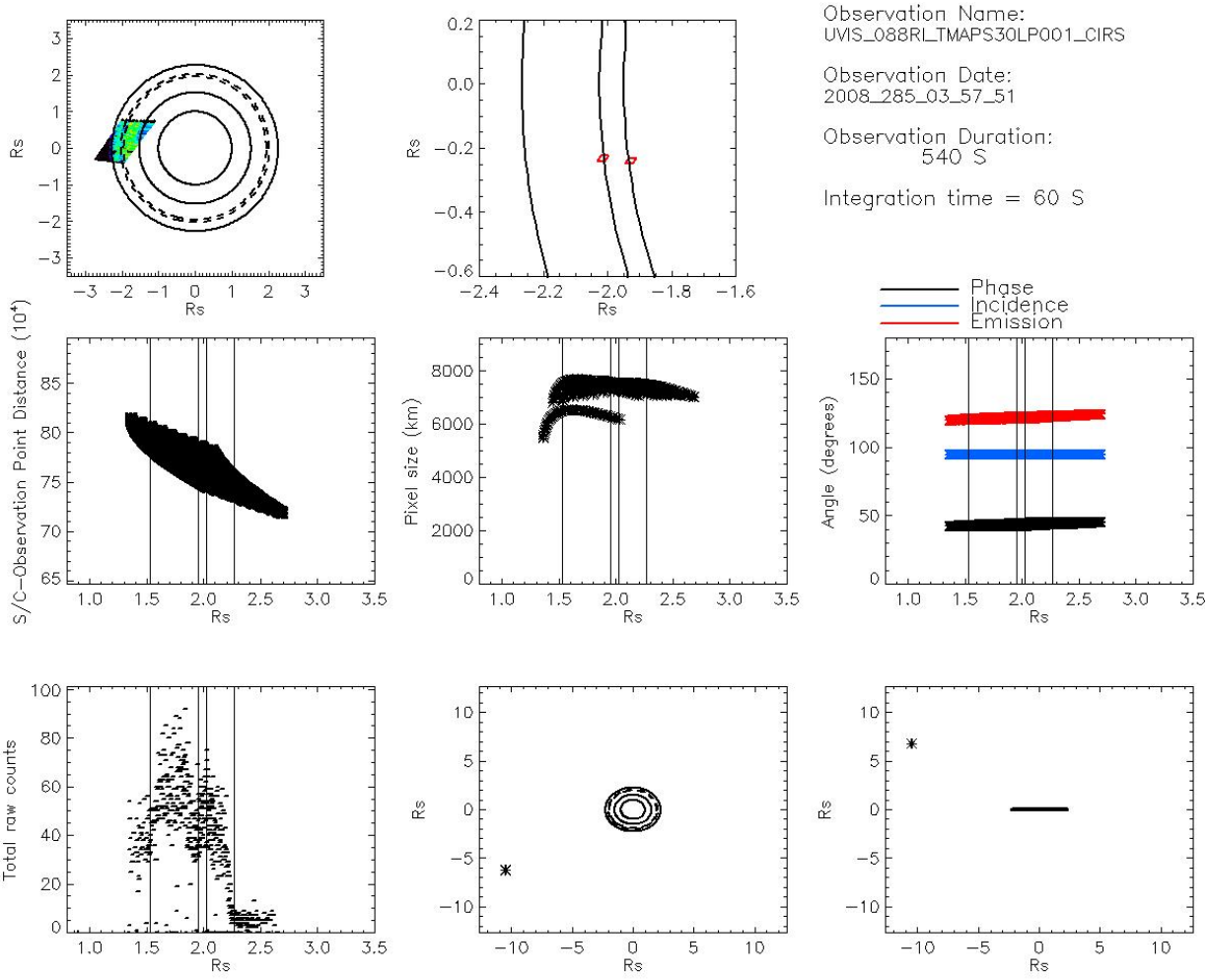


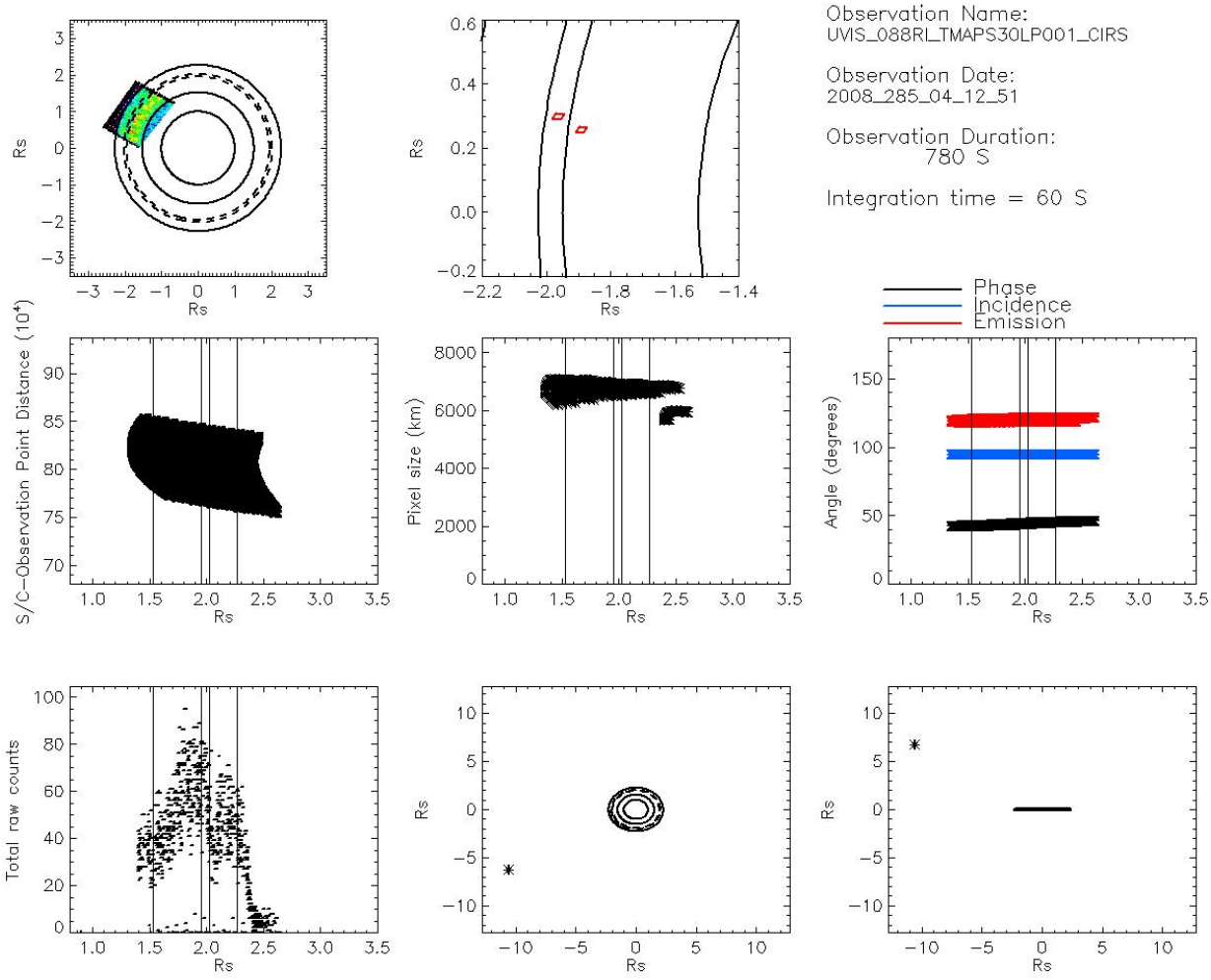


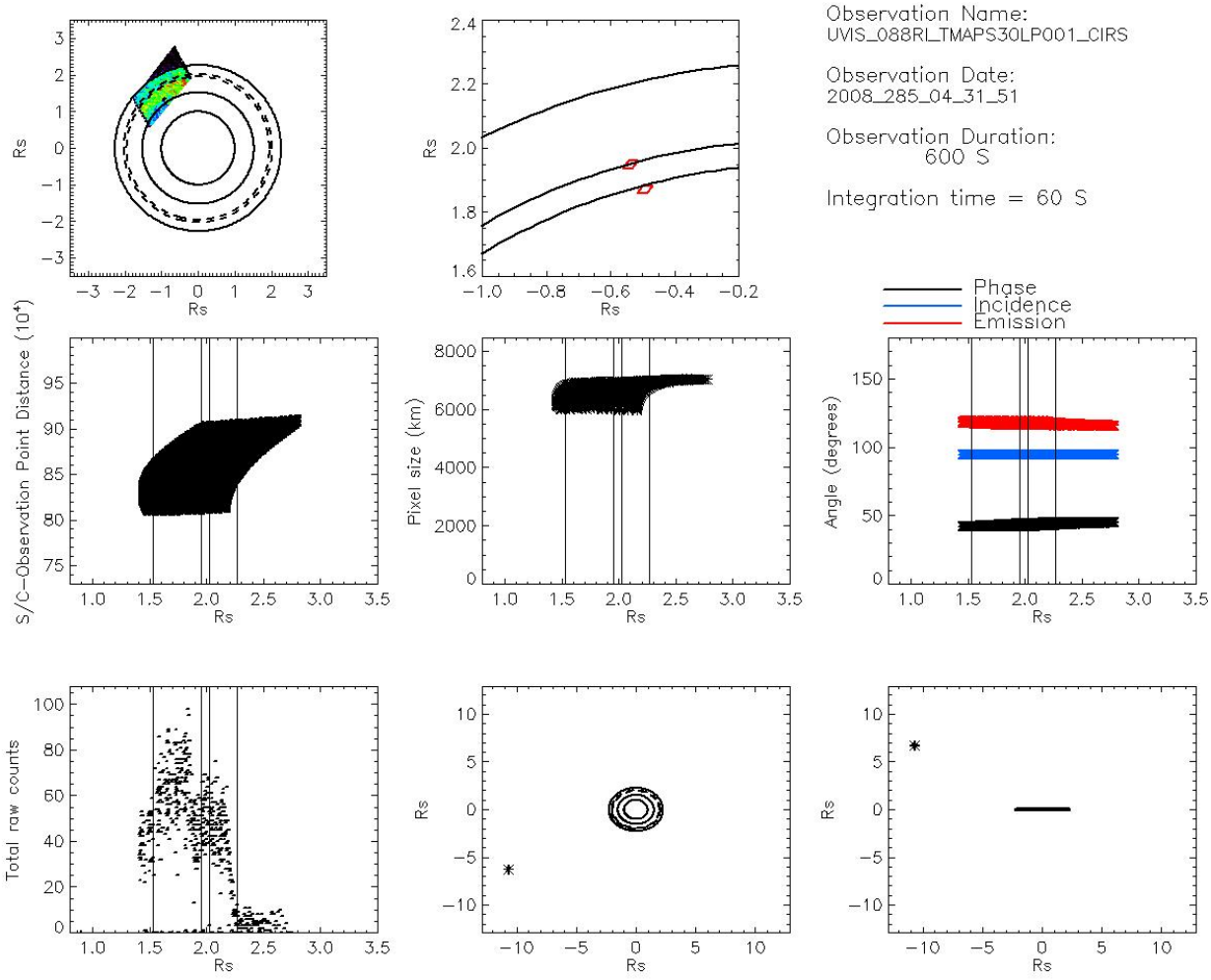


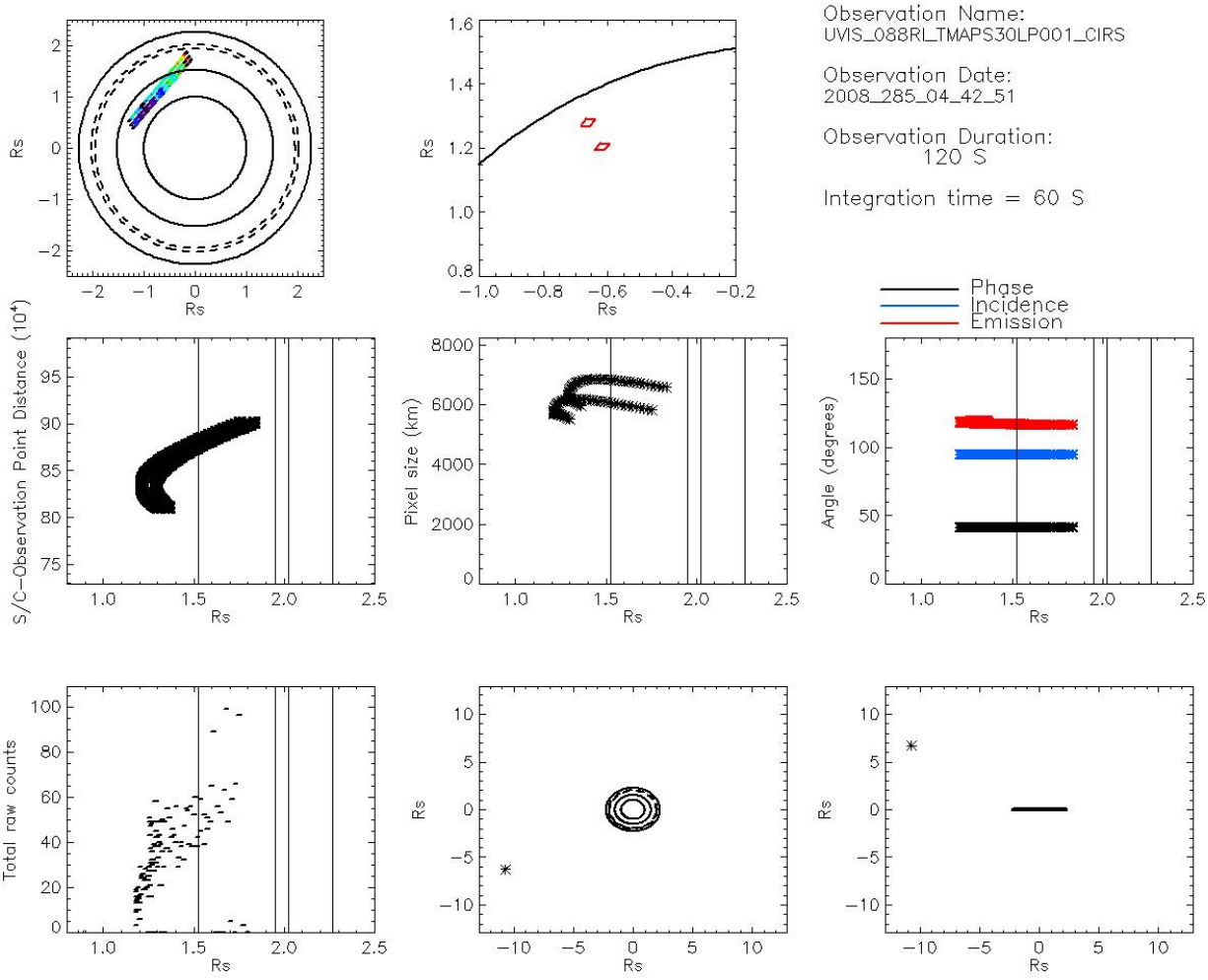


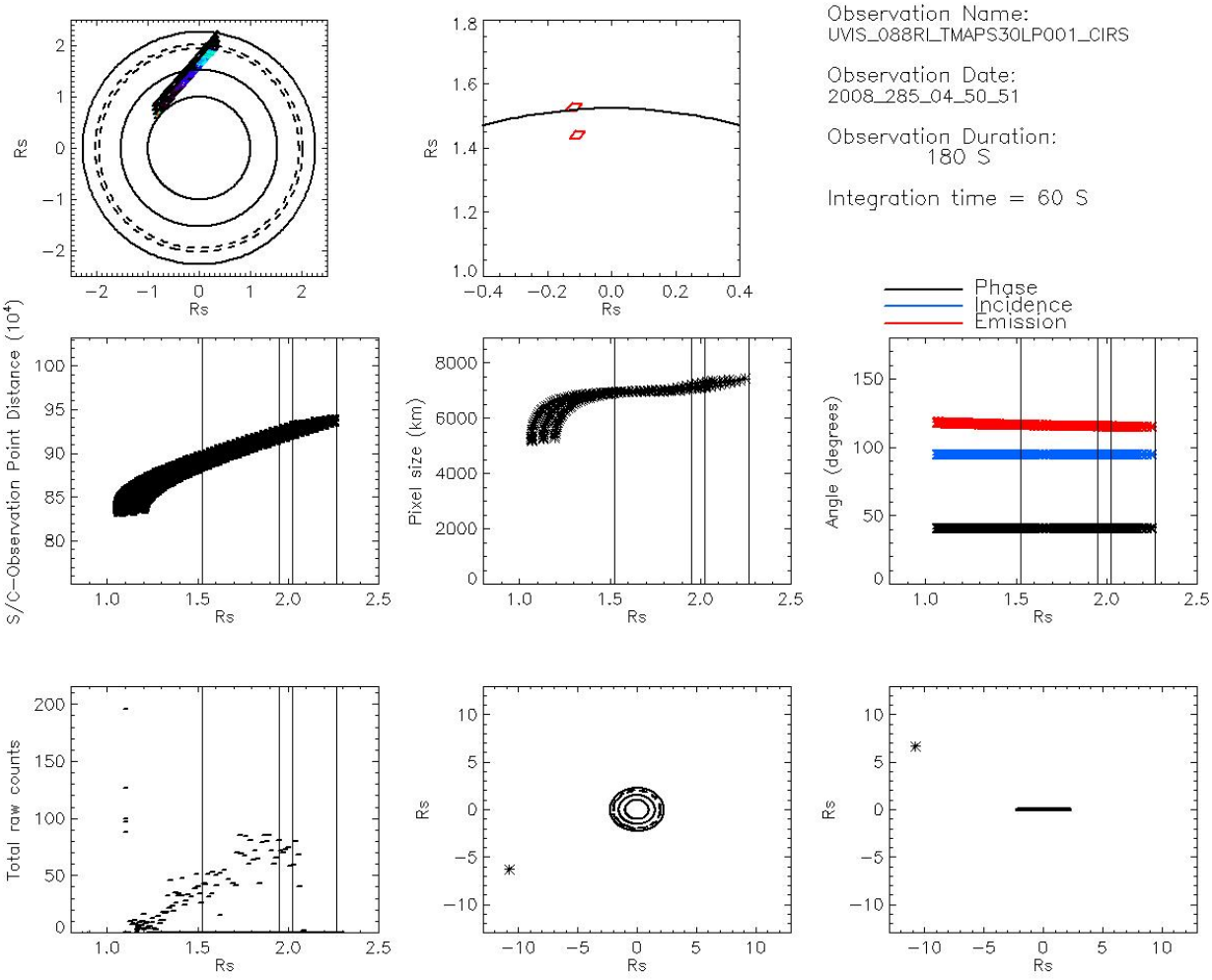


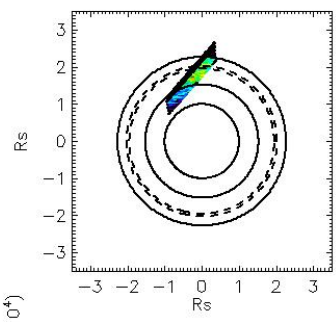

Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_03_57_51
Observation Duration:
540 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

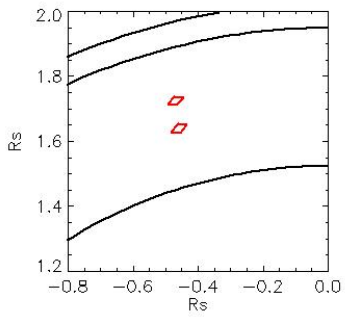

Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_04_12_51
Observation Duration:
780 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_04_31_51
Observation Duration:
600 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_04_42_51
Observation Duration:
120 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_04_50_51
Observation Duration:
180 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



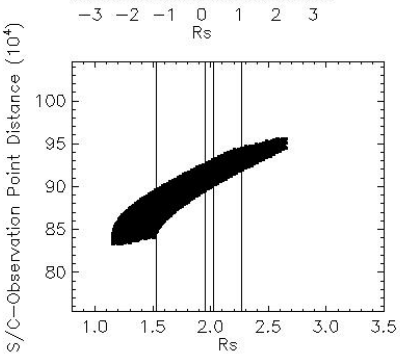


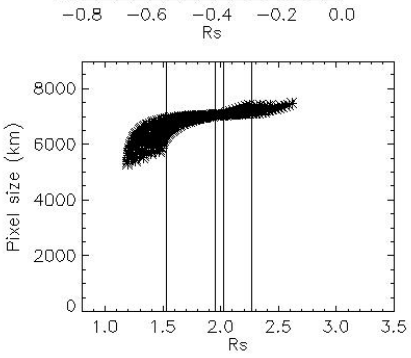
Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

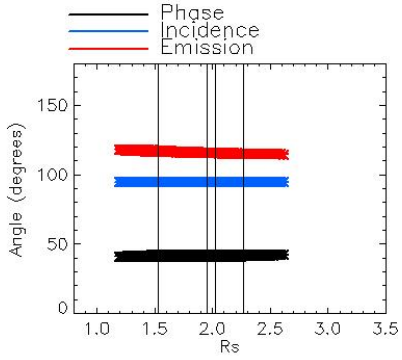
Observation Date:
2008_285_04_52_51

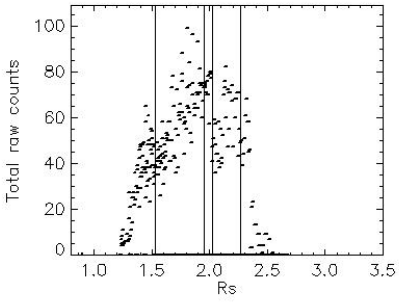
Observation Duration:
300 S

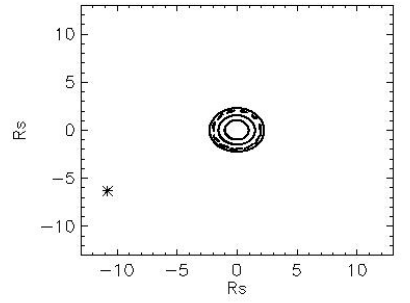
Integration time = 60 S

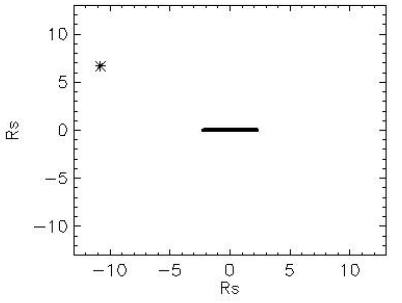


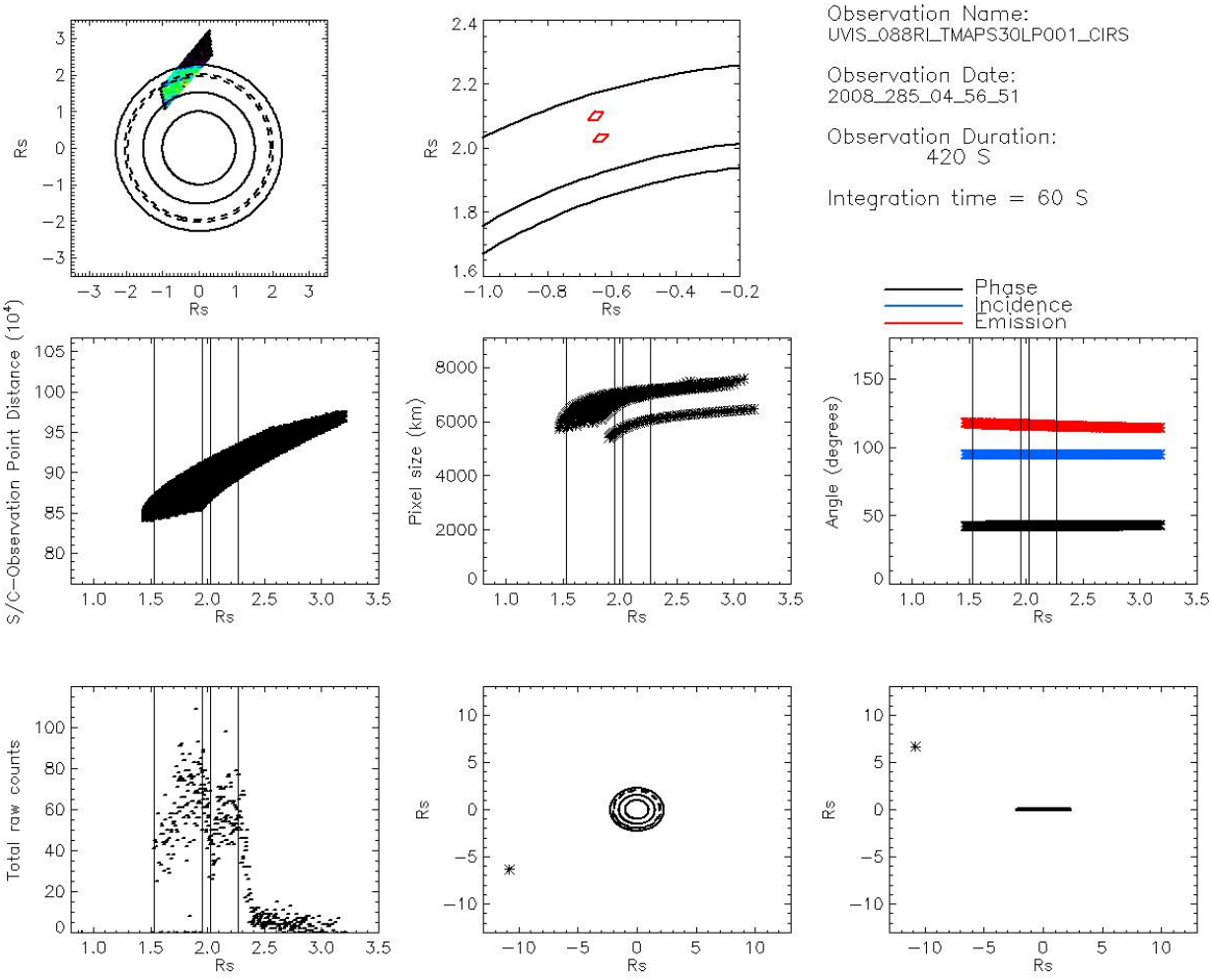


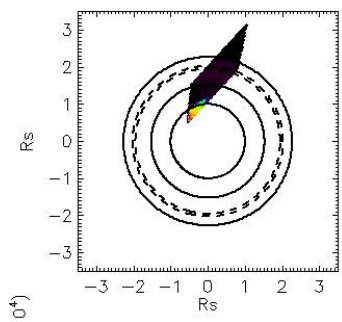


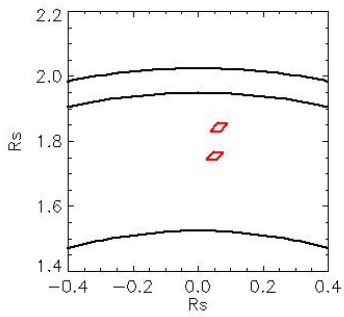







Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_04_56_51
Observation Duration:
420 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



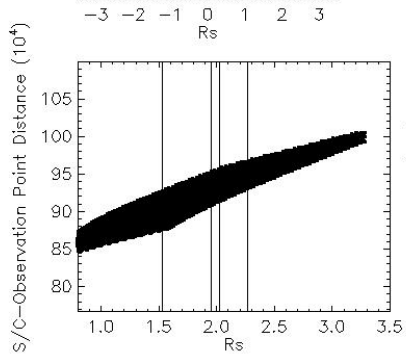


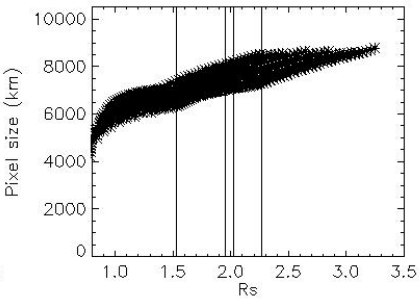
Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

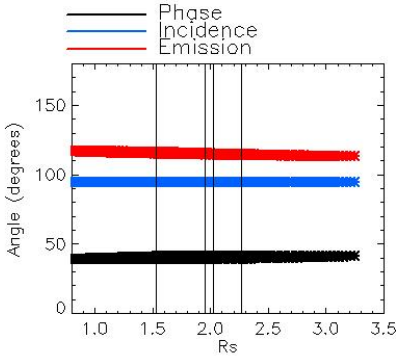
Observation Date:
2008_285_05_06_51

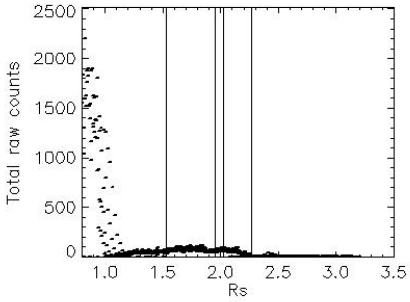
Observation Duration:
720 S

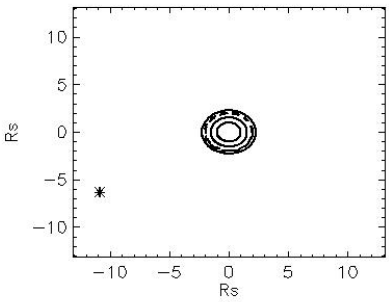
Integration time = 60 S

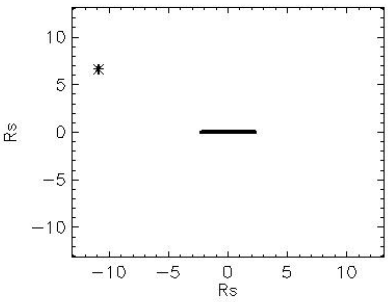


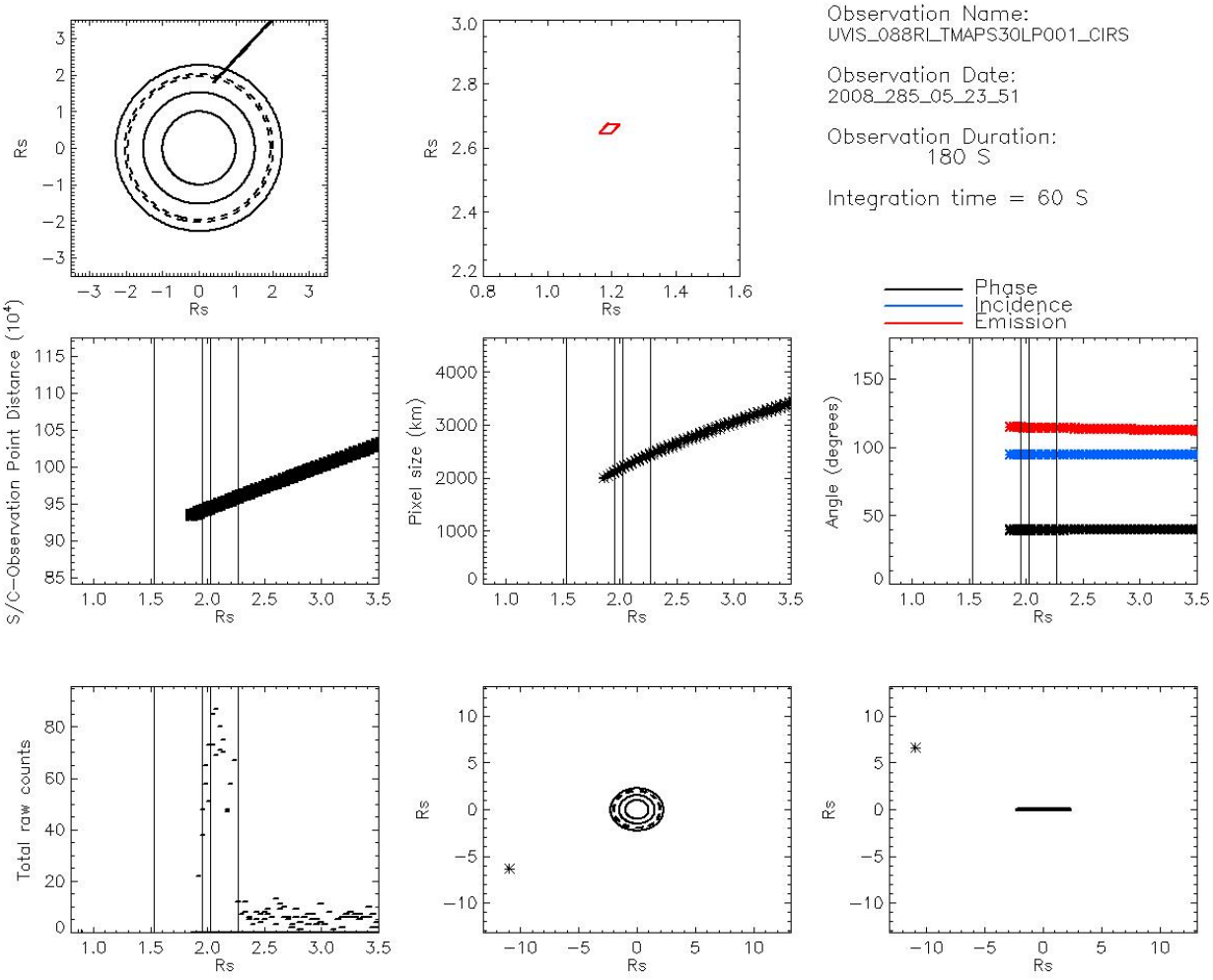


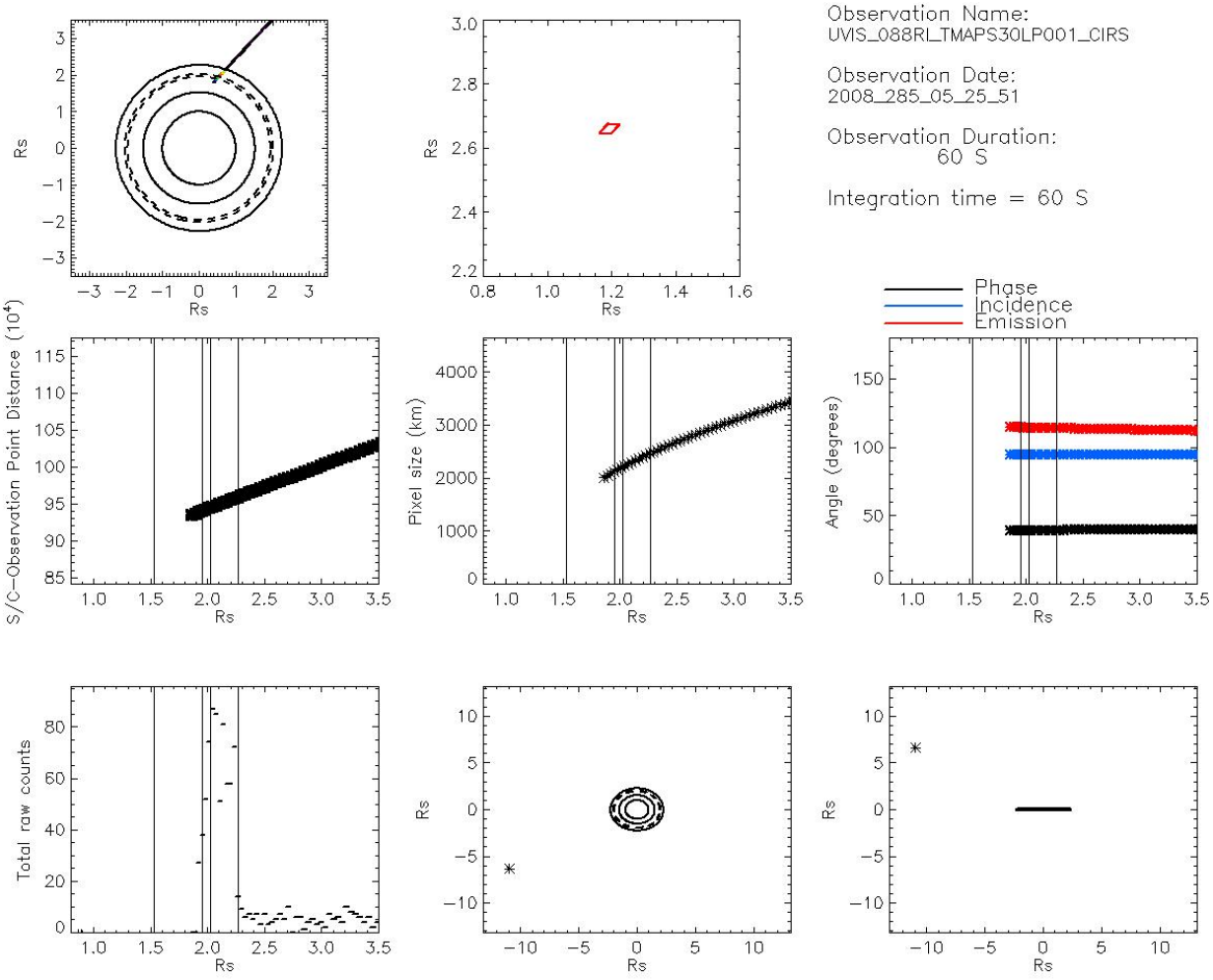


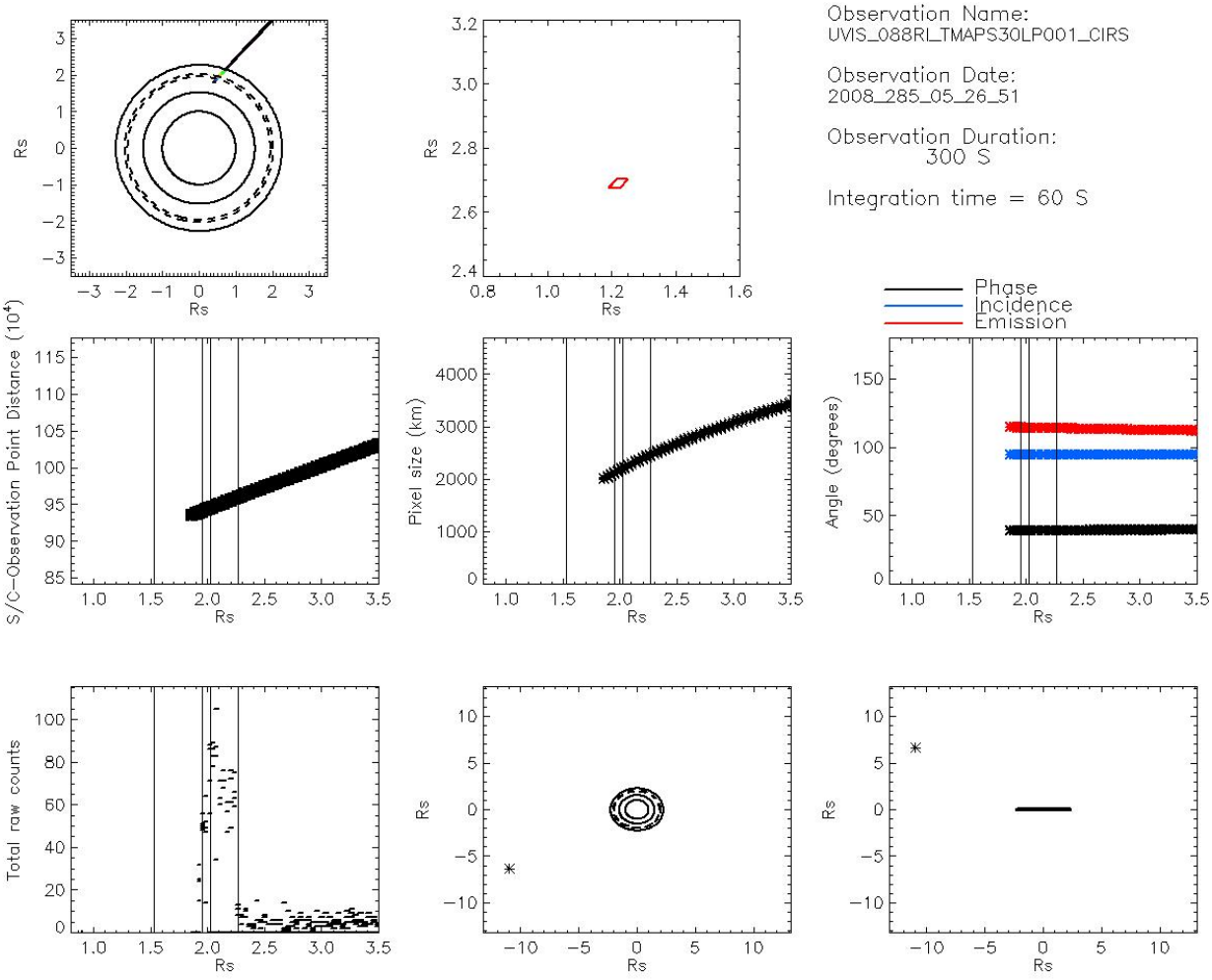


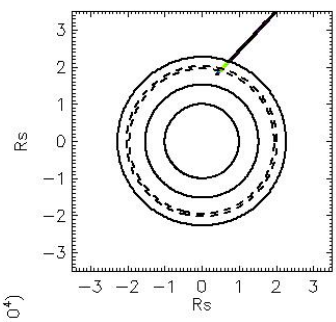


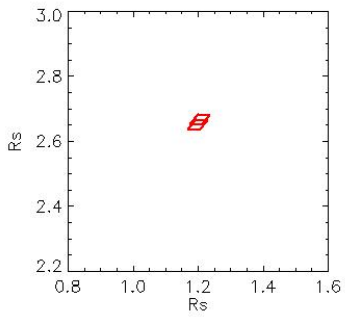



Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_05_23_51
Observation Duration:
180 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_05_25_51
Observation Duration:
60 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS
Observation Date:
2008_285_05_26_51
Observation Duration:
300 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs





Observation Name:
UVIS_088RI_TMAPS30LP001_CIRS

Observation Date:
2008_285_05_31_51

Observation Duration:
240 S

Integration time = 60 S