



The INES Archive Data Server

LWR01907LL.FITS Headers

Primary Header

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SIMPLE = T / Standard FITS Format
BITPIX = 8 / 8 bits ASCII
NAXIS = 0 / No image data
EXTEND = T / Extensions are present
TELESCOP= 'IUE' / International Ultraviolet Explorer
DATE = '10/08/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 1907 / Sequential image number
DISPERSN= 'LOW' / Dispersion processing type
APERTURE= 'LARGE' / Aperture
ABNOSTD= 'NO' / Non-standard image acquisition
ABNBADSC= 'NO' / LWP bad scans
ABNHTRWU= 'NO' / LWR heater warmup
ABNREAD = 'NO' / Read at other than 20 KB
ABNUVC = 'NO' / Non-standard UVC voltage
ABNHISTR= 'NO' / History replay
ABNOTHER= 'NO' / Other abnormality
POSANGLE= 350.39 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 97.3 / Cross-correlation % successful
ITF = 'LWR83R94A' / ITF identification
COMMENT BY RA: EXP 1 APER L MAX DN = 180
COMMENT BY RA: LWR 0-MINUTE HEATER WARMUP
COMMENT BY RA: 0 MISSING MINOR FRAMES NOTED ON SCRIPT
COMMENT BY RA: EXP 1 TRACKED ON GYROS
COMMENT BY RA: S PREP USED
COMMENT BY RA: OFFSET 1 FROM: SAO 160474
COMMENT BY RA: OFFSET 1 COORDINATES: 17 17 37.9 -19 16 55
COMMENT BY RA: OFFSET 1 MAGNITUDE: 6.500
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 6 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 3 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 4 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 5 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: SEGMENT 6 EXPOSED 1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '28/07/78' / Observing date
TIMEOBS = '05:59:00' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 7197.554 / Integration time in seconds

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RA      =          259.3333 / Homogeneous R.A. in degrees
DEC     =          -19.9611 / Homogeneous Dec. in degrees
TARGET  = '44 NYSA '      / Object as given by Guest Observer
TARGRA  =          259.3333 / R.A. in degrees (given by G0)
TARGDEC =          -19.9611 / Dec. in degrees (given by G0)
OBJECT  = 'ZZ 44 NYSA'    / Homogeneous Object ID
HJD-MID =          2443717.79511 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
        LWR1907 44NYSA 120MIN LG APER LO DISP TOMASKO/ZELLNER
        NO LAMP-EXP TIME=7198 SECS
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN          10-AUG-1997 13:18:29
HISTORY 55 BRIGHT SPOTS DETECTED
HISTORY 0 MISSING MINOR FRAMES DETECTED
HISTORY 0 LINES AFFECTED BY MICROPHONICS:
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 129
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 40
HISTORY END RAW_SCREEN          10-AUG-1997 13:19:14
HISTORY START EXTRACTION        20-JAN-1998 20:27:27
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 18 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 52.8
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 0 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION        20-JAN-1998 20:27:36
END

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Binary Table Header

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XTENSION= 'BINTABLE'           /Written by IDL: 20-Jan-1998 20:27:36.00
BITPIX  =          8 /
NAXIS   =          2 /Binary table
NAXIS1  =         14 /Number of bytes per row
NAXIS2  =         562 /Number of rows
PCOUNT  =          0 /Random parameter count
GCOUNT  =          1 /Group count
TFIELDS =          4 /Number of columns
TFORM1  = '1E '           /Real*4 (floating point)
TTYPE1  = 'WAVELENGTH'    /Label for column 1
TUNIT1  = 'ANGSTROM'      /Units of column 1
TDISP1  = 'F10.3 '       /Display format for column 1
TFORM2  = '1E '           /Real*4 (floating point)
TTYPE2  = 'FLUX '        /Label for column 2
TUNIT2  = 'ERG/CM2/S/A'   /Units of column 2
TDISP2  = 'E15.7 '       /Display format for column 2
TFORM3  = '1E '           /Real*4 (floating point)
TTYPE3  = 'SIGMA '       /Label for column 3
TUNIT3  = 'ERG/CM2/S/A'   /Units of column 3
TDISP3  = 'E15.7 '       /Display format for column 3
TFORM4  = '1I '           /Integer*2 (short integer)
TTYPE4  = 'QUALITY '     /Label for column 4
TUNIT4  = ' '             /Units of column 4
TDISP4  = 'I7 '          /Display format for column 4
FILENAME= 'LWR01907LL.FITS'  /Filename(camera)(number)(disp)(aper).FITS
END

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