



The INES Archive Data Server

LWR09481LL.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 = '20/07/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 9481 / 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= 305.77 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 97.3 / Cross-correlation % successful
ITF = 'LWR83R96A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=1.5X,B=30
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 93868
COMMENT BY RA: OFFSET 1 COORDINATES: 04 16 56.6 +15 30 31
COMMENT BY RA: OFFSET 1 MAGNITUDE: 3.900
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 4 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 599.528 SEC.(EFF); 600.0 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 1499.829 SEC.(EFF); 1500.0 SEC.(COM)
COMMENT BY RA: Ping with max DN = 29 at Y=278,287.
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '12/12/80' / Observing date
TIMEOBS = '19:39:47' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 4498.542 / Integration time in seconds
RA = 71.6167 / Homogeneous R.A. in degrees

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DEC      =          17.6350 / Homogeneous Dec. in degrees
TARGET  = '16PSYCHE'      / Object as given by Guest Observer
TARGRA  =          71.6167 / R.A. in degrees (given by G0)
TARGDEC =          17.6350 / Dec. in degrees (given by G0)
OBJECT   = 'ZZ 16 PSYCHE' / Homogeneous Object ID
HJD-MID  = 2444586.35093 / JD middle of obs. with Heliocentric corr.
COMMENT  IUE-VICAR HEADER START
        LWR 9481, 16 PSYCHE, LOW DISP, LARGE APER, 75 MIN EXPO
        OBSERVERS: NELSON,VEEDER,MCCORD, PROGRAM: SACDM
        DATE: DEC 12 1980.347/348
COMMENT  IUE-VICAR HEADER END
HISTORY  START RAW_SCREEN                               20-JUL-1997 19:34:49
HISTORY  35 BRIGHT SPOTS DETECTED
HISTORY  0 MISSING MINOR FRAMES DETECTED
HISTORY  10 LINES AFFECTED BY MICROPHONICS:
HISTORY      LINE: 610
HISTORY      LINE: 611
HISTORY      LINE: 612
HISTORY      LINE: 613
HISTORY      LINE: 614
HISTORY      LINE: 615
HISTORY      LINE: 616
HISTORY      LINE: 617
HISTORY      LINE: 618
HISTORY      LINE: 619
HISTORY  LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY      POINT SOURCE
HISTORY  LARGE APERTURE CONTINUUM DN LEVEL = 255
HISTORY  SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY  BACKGROUND DN LEVEL = 33
HISTORY  END RAW_SCREEN                               20-JUL-1997 19:35:49
HISTORY  START EXTRACTION                             21-JAN-1998 16:13:59
HISTORY  INES NOISE MODEL USED
HISTORY  CROSS-DISPERSION PROFILES BINNED IN 40 BLOCKS
HISTORY  EMPIRICAL EXTRACTION
HISTORY  CENTROID FOUND AT LINE 52.0
HISTORY  REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY  OUT OF 14720 PIXELS 3 REJECTED AS COSMIC RAY HITS
HISTORY  END EXTRACTION                               21-JAN-1998 16:14:08
END

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Binary Table Header

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XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 16:14:08.00
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

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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= 'LWR09481LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
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