



# The INES Archive Data Server

## LWR13674LL.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 = '08/07/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 13674 / Sequential image number
DISPERSN= 'LOW' / Dispersion processing type
APERTURE= 'LARGE' / Aperture
ABNOSTD= 'NO' / Non-standard image acquisition
ABNBADSC= 'NO' / LWP bad scans
ABNHTRWU= 'YES' / 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= 212.47 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 98.0 / Cross-correlation % successful
ITF = 'LWR83R96A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=185,B=30
COMMENT BY RA: LWR 4-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 211948
COMMENT BY RA: OFFSET 1 COORDINATES: 20 10 8.6 -36 36 30
COMMENT BY RA: OFFSET 1 MAGNITUDE: 6.500
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 2 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: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '13/07/82' / Observing date
TIMEOBS = '17:52:19' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 2399.185 / Integration time in seconds
RA = 301.3154 / Homogeneous R.A. in degrees
DEC = -32.1322 / Homogeneous Dec. in degrees
TARGET = 'BAMBERGA' / Object as given by Guest Observer
TARGRA = 301.3154 / R.A. in degrees (given by G0)

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TARGDEC = -32.1322 / Dec. in degrees (given by G0)
OBJECT = 'ZZ 324 BAMBERGA' / Homogeneous Object ID
HJD-MID = 2445164.26427 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
LWR 13674, ASTEROID BAMBERGA, 40 MIN EXPO, LOW DISP, LGAP
EXPOSURE CONDUCTED IN 2 SEGMENTS OF 20 MINUTES EACH
USED THE FOUR MINUTE HEATER WARM-UP PRIOR TO THE READ
OBSERVER: GLENN VEEDER PROGRAM: SAEDM DAY 194 13 JUL 8
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN 8-JUL-1997 20:29:26
HISTORY 20 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 = 156
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 34
HISTORY END RAW_SCREEN 8-JUL-1997 20:30:06
HISTORY START EXTRACTION 22-JAN-1998 03:19:24
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 27 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 51.6
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 2 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION 22-JAN-1998 03:19:33
END

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#### **Binary Table Header**

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XTENSION= 'BINTABLE' /Written by IDL: 22-Jan-1998 03:19:34.00
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= 'LWR13674LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END

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