



## The INES Archive Data Server

### LWP03675LL.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 = '14/01/95' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWP' / Camera
IMAGE = 3675 / 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= 15.31 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 97.3 / Cross-correlation % successful
ITF = 'LWP92R94A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=203,B=44
COMMENT BY RA: 0 MISSING MINOR FRAMES NOTED ON SCRIPT
COMMENT BY RA: 0 BAD SCAN STARTS NOTED ON SCRIPT
COMMENT BY RA: EXP 1 EX= -5, EY= -6
COMMENT BY RA: EXP 1 TRACKED ON GYROS
COMMENT BY RA: S PREP USED
COMMENT BY RA: OFFSET 1 FROM: SAO 141284
COMMENT BY RA: OFFSET 1 COORDINATES: 16 35 20.7 -06 26 20
COMMENT BY RA: OFFSET 1 MAGNITUDE: 6.000
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 5 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 599.531 SEC.(EFF); 600.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 899.768 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 3 EXPOSED 899.768 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 4 EXPOSED 899.768 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 5 EXPOSED 1199.595 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '29/06/84' / Observing date
TIMEOBS = '09:42:12' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 4498.431 / Integration time in seconds

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RA      =          245.5096 / Homogeneous R.A. in degrees
DEC     =          -5.9575 / Homogeneous Dec. in degrees
TARGET  = '18 MELPOMENE'   / Object as given by Guest Observer
TARGRA  =          245.5096 / R.A. in degrees (given by G0)
TARGDEC =          -5.9575 / Dec. in degrees (given by G0)
OBJECT  = 'ZZ 18 MELPOMENE' / Homogeneous Object ID
HJD-MID = 2445880.93508 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
        LWP 3675, 18 MELPOMENE, 75 MIN EXPO, LO DISP, LARGE APER
        EXPOSURE DONE IN FIVE PARTS: (10 + 15 + 15 + 15 + 20) MINS
        OBSERVER: NELSON      ID: SPGRN      29 JUN 84      DAY 181
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN                      14-JAN-1995 17:04:06
HISTORY 12 BRIGHT SPOTS DETECTED
HISTORY 0 MISSING MINOR FRAMES DETECTED
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 154
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 38
HISTORY END RAW_SCREEN                       14-JAN-1995 17:04:33
HISTORY START EXTRACTION                     15-JAN-1998 20:29:46
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 41 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 52.1
HISTORY REJECT PIXELS DEVIATING BY 6.0 SIGMA
HISTORY OUT OF 14720 PIXELS 9 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION                       15-JAN-1998 20:29:55
END

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### Binary Table Header

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XTENSION= 'BINTABLE' /Written by IDL: 15-Jan-1998 20:29:55.00
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)
TTYPER1 = '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)
TTYPER2 = '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)
TTYPER3 = '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)
TTYPER4 = 'QUALITY ' /Label for column 4
TUNIT4  = '        ' /Units of column 4
TDISP4  = 'I7      ' /Display format for column 4
FILENAME= 'LWP03675LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END

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