

Copyright 1987-1997 Andy Hammersley / ESRF
Use of FIT2D implies acceptance of
the " Conditions of Use "
(Click on "CONDITIONS")

V9.32

CONDITIONS
I ACCEPT

HELP
DON'T ACCEPT

The image shows a software splash screen for FIT2D. At the top is a rectangular box with a yellow background and a blue border containing the stylized text 'FIT2D' in blue and purple. Below this is a large yellow inverted triangle containing copyright information and a version number. At the bottom are four buttons: 'CONDITIONS' and 'I ACCEPT' on the left, and 'HELP' and 'DON'T ACCEPT' on the right.

FIT2D: SCIENTIFIC INTERFACES

?

HELP

IMAGE PROCESSING (GENERAL)

KEYBOARD INTERFACE

MFIT (MULTIPLE 1-D FITTING)

ON-LINE CRYSTALLOGRAPHY

POWDER DIFFRACTION (2-D)

EXIT FIT2D

Enter number of pixels "horizontally" for
arrays (Range: 1 to 10000)

CANCEL

512

HELP

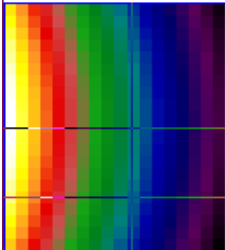
AUTOMATIC CORRECT ASPECT RATIO IMAGE DISPLAY

CANCEL

HELP

YES

NO

	CLICK ON OPPOSITE CORNERS OF NEW REGION	<table border="1"><tr><td>CANCEL</td></tr><tr><td>HELP</td></tr><tr><td>KEYBOARD</td></tr><tr><td>TWO CLICK</td></tr></table>	CANCEL	HELP	KEYBOARD	TWO CLICK
	CANCEL					
HELP						
KEYBOARD						
TWO CLICK						
(Enter 2 coordinates)						

CONTROL OF RADIAL OR 2-THETA SCAN

RE-BINNING PARAMETERS

O.K. CANCEL ? HELP INFO		
DESCRIPTIONS	VALUES	CHANGE
EQUAL 2-THETA ANGLE REBINNING	YES	EQUAL ANGLES
INTENSITY CONSERVATION	NO	CONSERVE INT.
APPLY POLARISATION CORRECTION	YES	POLARISATION
POLARISATION FACTOR	.99000	FACTOR
SAMPLE TO "DETECTOR" DISTANCE (MM)	315.000	DISTANCE
GEOMETRICAL CORRECTION TO INTENSITIES	YES	GEOMETRY COR.
X-PIXEL COORDINATE OF DIRECT BEAM	692.560	X-BEAM CENTRE
Y-PIXEL COORDINATE OF DIRECT BEAM	927.340	Y-BEAM CENTRE
ROTATION ANGLE OF PLANE OF TILT (DEGREES)	29.0460	TILT PLANE
TILT ANGLE OF DETECTOR (DEGREES)	.73600	TILT
MAXIMUM 2-THETA ANGLE OF SCAN (DEGREES)	12.7080	MAX. ANGLE
NUMBER OF BINS IN OUTPUT SCAN	876	SCAN BINS

Click on variable to change, or 'O.K.'

ENTER INPUT DATA FILE FOR FIT2D IMAGE

(click on "INFO" for details of file types)

DIRECTORY: /data/a/hammersl/MD

UP DIRECTORY LEVEL

COMP

CANCEL

?

HELP

INFO

TYPES

FILTER

(No file selected)

Menu commands

on required file

on file selection

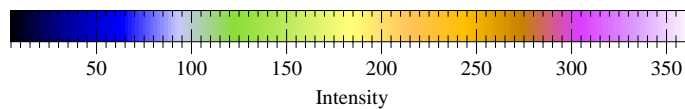
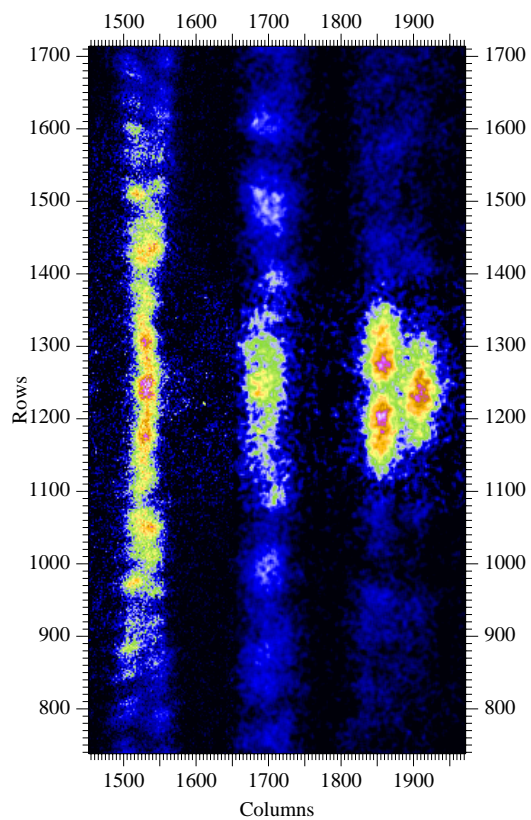
<ALL PERMITTED>

<NO FILTERING>

gridm45_y.dat
gridm46_x.dat
gridm46_y.dat
gridm47_x.dat
gridm47_y.dat
gridm48_x.dat
gridm48_y.dat
gridm49_x.dat
gridm49_y.dat
gridm50_x.dat
gridm50_y.dat
gridm51_x.dat
gridm51_y.dat
gridm52_x.dat
gridm52_y.dat
gridm60.gel
lin.dat
md_lin.dat
scan3.scan
spatial.dat

File Name (Optional)

PTA Stained Collagen

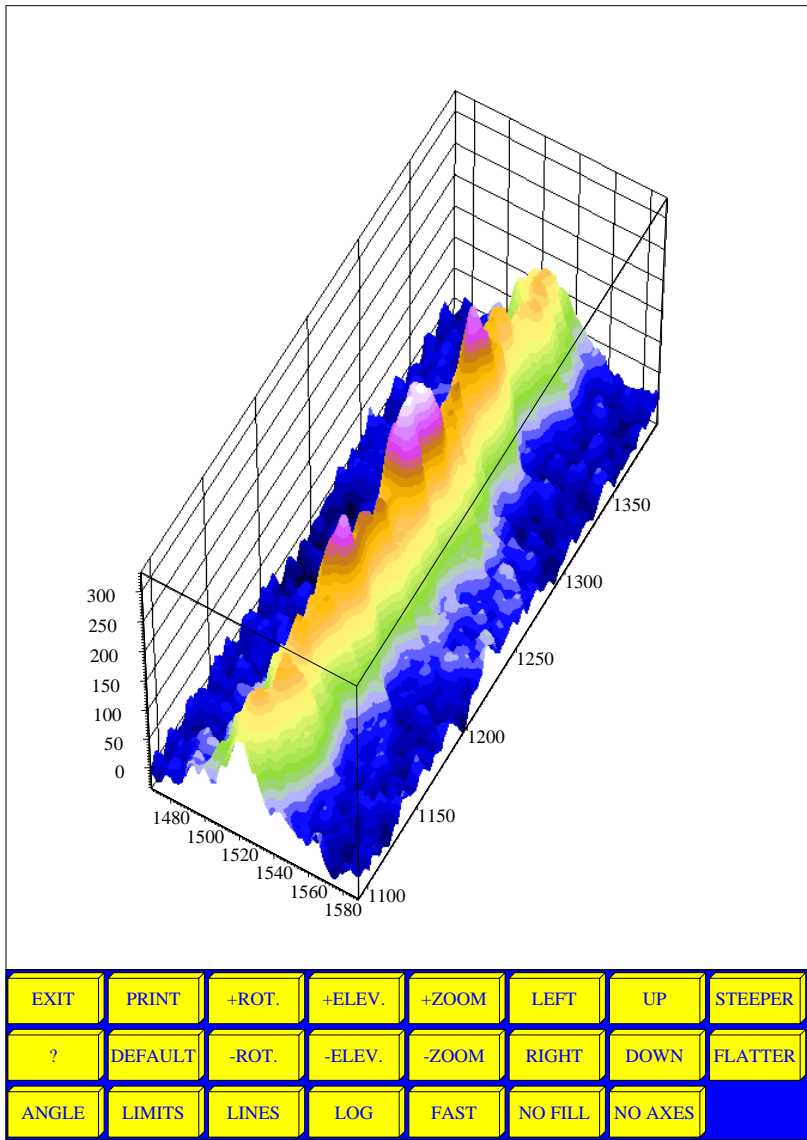


FIT2D: IMAGE: OPTIONS: Z-SCALING

EXIT	+ MAXIMUM	USER MIN/MAX
?	- MAXIMUM	USER MINIMUM
FULLY AUTOMATIC	+ MINIMUM	USER MAXIMUM
WEAK PEAKS	- MINIMUM	LOG SCALE

FIT2D: IMAGE: DISPLAY MENU

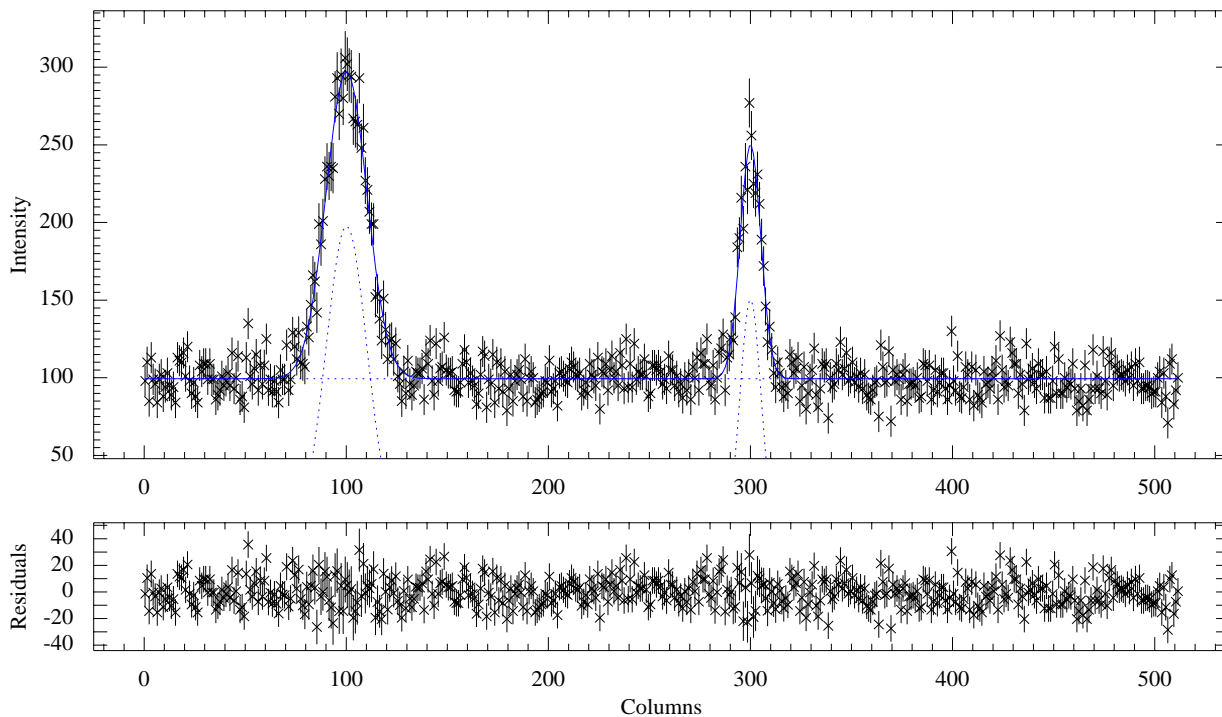
EXIT	?	ARC SLICE	CONTOUR PLOT
NUMBERS	PIXEL (X/Y)	PROJECTION	SATURATED
SLICE	STATISTICS	3-D SURFACE	PRINT
3-D LINES			



EXIT	?	COLOURS
GRID	POSITION	ROTATE LUT
TITLE	X-AXIS LABEL	Y-AXIS LABEL
Z-AXIS LABEL	Z-SCALING	ASPECT RATIO
NO LUT		

EXIT	DISPLAY	EXCHANGE	FILTER
?	FULL	GEOMETRIC	INPUT
HELP	OPTIONS	OUTPUT	MATHS
PRINT	MOVEMENT	UN-ZOOM	ZOOM IN
Z-SCALING			

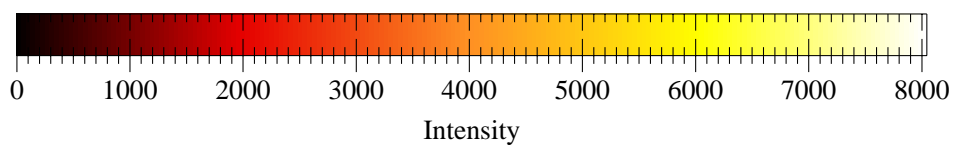
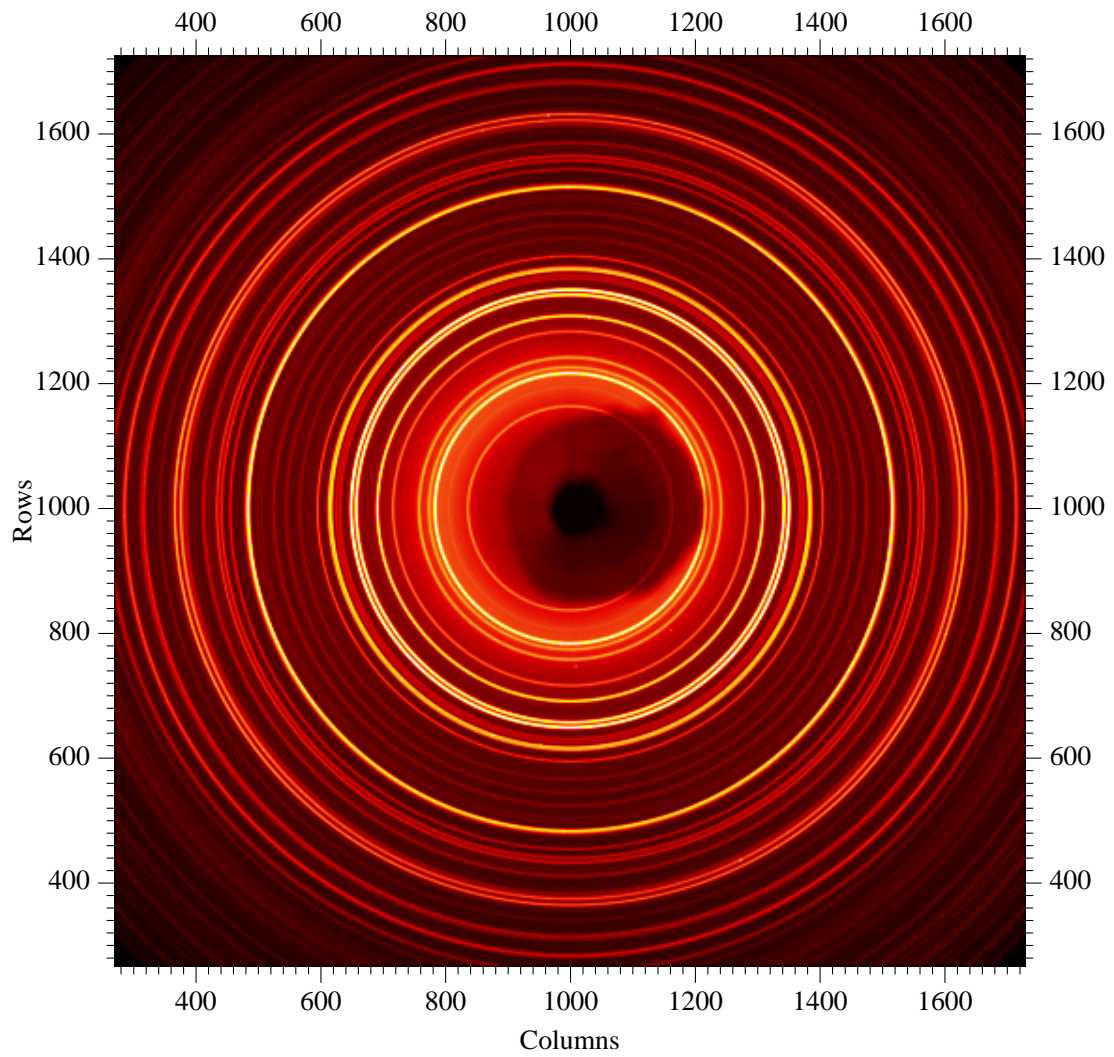
Simulated Data



EXIT	FULL	OUTPUT	?
CONSTRAINTS	INITIALISE	INPUT	HELP
Z-SCALING	PRINT	EXCHANGE	MASK
ZOOM IN	DISPLAY	OPTIONS	OPTIMISE
RESULTS	SET-UP		

EXIT	EXCHANGE	PRINT	PREV FILE
?	FULL	UN-ZOOM	SET GEOMETRY
HELP	INPUT	ZOOM IN	PEAK SEARCH
AUTO INPUT	OPTIONS	Z-SCALING	SPY-GLASS
DISPLAY	MOVEMENT	NEXT FILE	

olivine_1_002.image



EXIT	BEAM CENTRE	FULL	OUTPUT
?	CAKE	INPUT	TILT
HELP	CORRECTION	INTEGRATE	Z-SCALING
PRINT	EXCHANGE	MASK	ZOOM IN
CALIBRANT	DISPLAY	OPTIONS	
