

EMsoft



This software was  
created with support  
from an AFOSR/MURI  
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## Data Files

Exp Pattern File Name

MP Data File Name

Load experimental pattern

Load master file

Quit

1

## Non-refinable Parameters

Detector Tilt Angle [deg]

10.00

Scintillator Pixel Size [micron]

59.20

Number of pixels

60

by

60

2

Beam current [nA]

1000.00

Dwell Time [mu s]

100.00

Circular Mask ☒ Off ☐ OnDetector Binning ☒ 1 ☐ 2 ☐ 4 ☐ 8Euler phil Convention ☒ TSL ☐ HKLPattern Origin ☒ UL ☐ LL ☐ UR ☐ LR

## Refinable Parameters

Parameter	Value	Stepsize	Refine?	Up	Down	Manual stepsize
Scintillator Distance	15950.99	100.00	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input data-bbox="517 522 539 539" type="button" value="+"/>	<input data-bbox="564 522 585 539" type="button" value="-"/>	20.00
Sample omega angle	0.00	0.50	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input data-bbox="517 573 539 591" type="button" value="+"/>	<input data-bbox="564 573 585 591" type="button" value="-"/>	0.50
Detector pcx	3.36	5.00	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input data-bbox="517 615 539 632" type="button" value="+"/>	<input data-bbox="564 615 585 632" type="button" value="-"/>	2.00
Detector pcy	107.03	5.00	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input data-bbox="517 656 539 674" type="button" value="+"/>	<input data-bbox="564 656 585 674" type="button" value="-"/>	2.00
Intensity Gamma value	0.34	0.10	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input data-bbox="517 698 539 715" type="button" value="+"/>	<input data-bbox="564 698 585 715" type="button" value="-"/>	0.10
Euler phi1	229.23	2.00	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input data-bbox="517 739 539 757" type="button" value="+"/>	<input data-bbox="564 739 585 757" type="button" value="-"/>	2.00
Euler Phi	55.17	2.00	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input data-bbox="517 781 539 798" type="button" value="+"/>	<input data-bbox="564 781 585 798" type="button" value="-"/>	1.00
Euler phi2	139.23	2.00	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input data-bbox="517 822 539 840" type="button" value="+"/>	<input data-bbox="564 822 585 840" type="button" value="-"/>	2.00

Hippass filter ☒ Off ☐ On

Hippass filter low cut off

0.00

4

Linear ramp subtraction ☒ Off ☐ OnSmoothing parameter ☒ 0 ☐ 3 ☐ 5 ☐ 7 ☐ 9 ☐ 11Preprocessing mode ☒ Regular ☐ LaplacianFit criterion ☒ dot product ☐ mutual informationFit mode ☒ free ☐ detector ☐ orientation

5

Compute

Start Fit

convergence parameter

0.000000

Create JSOR file

6