



- Extract raw-matrixes as ascii-files
- **Open raw-matrixes inside in QtISAS-interface**
- Fast look to a raw-matrix

Extract raw-matrixes as ascii-files

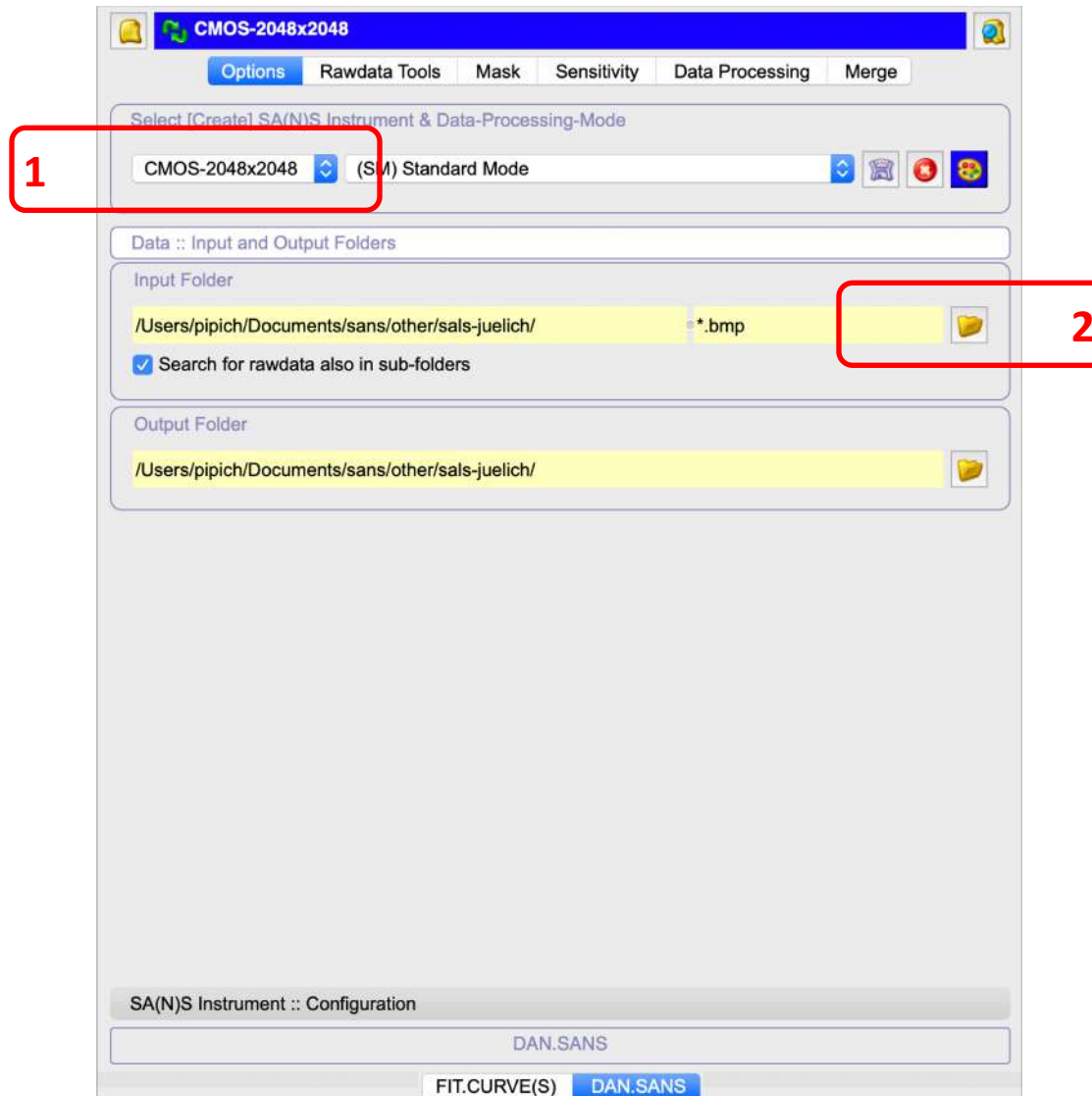
- Dan | Options:
 - [1] Select SAS instrument
 - [2] Select input folder

- Dan | Rawdata Tools |:: Fast Info Extractor ::
 - [3] select View Matrix
 - [4] select sub-folder (or leave input folder “.”)
 - [5] select image to extract matrix

- [6] Result: all SELECTED matrixes will be shown in the QtiSAS project explorer in sub folder DAN :: rawdata

- [7] Result: Plot a Matrix

[1-2] Extract raw-matrixes as ascii-files



[3]

in Dan | Rawdata Tools | :: Fast Info Extractor ::
select “View Matrix”

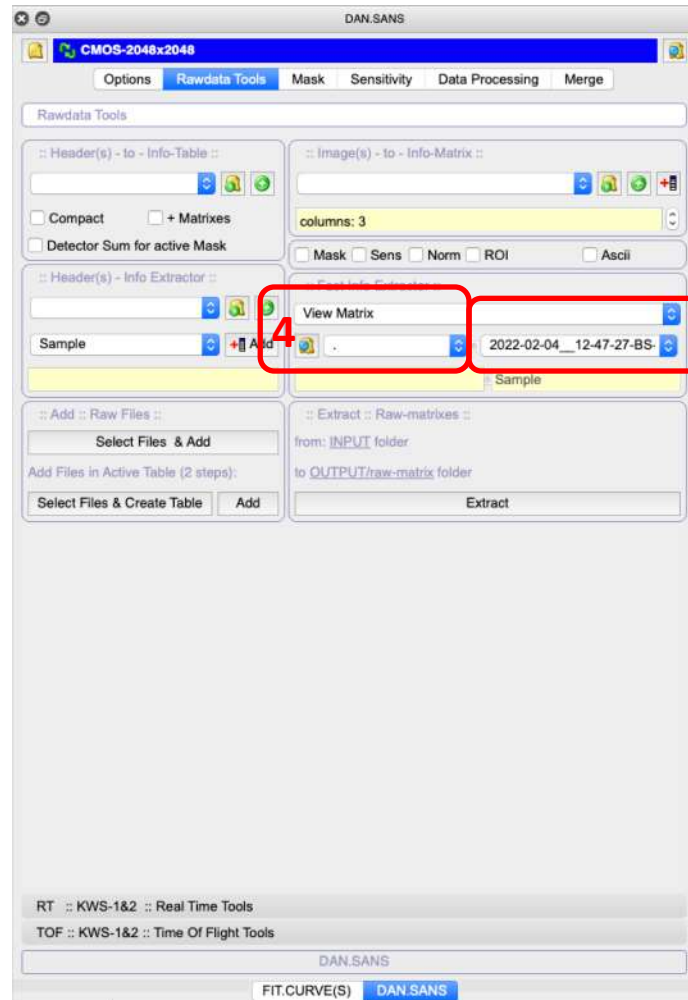
The screenshot shows the DAN.SANS software interface. The 'Rawdata Tools' tab is active, and the 'Fast Info Extractor' tool is selected. A red box highlights the 'View Matrix' option in the 'Fast Info Extractor' tool. A red arrow points from this box to a list of available options on the right side of the image.

View Matrix

- View Matrix in [Matrix-Active]
- ✓ Read & Plot Matrix in [Plot-Active]
- View Header
- View Header in [Header-Active]
- View I(Q)
- View I(Q) [in raw-QI table]
- Monitor-1
- Monitor-2
- Monitor-3
- Monitor-1 [cps]
- Monitor-2 [cps]
- Monitor-3 [cps]
- Duration[sec]
- Integral [cps]
- Integral-vs-Mask[cps]
- Dead-Time-Factor [1]
- C [cm]
- D [cm]
- f [Hz]
- Lambda
- R1 [cm]
- R2 [cm]
- Thickness [cm]
- SA
- CA
- [Info]
- RT-normalization
- Q2-vs-Mask

[4-5] in Dan | Rawdata Tools |:: Fast Info Extractor ::

- select sub-folder (or leave input folder “.”)
- select image to extract matrix



-[7] Result: Plot a Matrix

The screenshot displays the DAN.SANS software interface. The main window, titled 'Graph1', shows a 2D matrix plot with a color scale from 0 to 250. The plot features concentric rings and two central lobes, with a red arrow pointing to the center. The X and Y axes are both labeled 'Title' and range from 0 to 2000. To the right is a control panel with tabs for 'Options', 'Rawdata Tools', 'Mask', 'Sensitivity', 'Data Processing', and 'Merge'. The 'Rawdata Tools' tab is active, showing settings for 'Image(s) - to - Info-Matrix' (columns: 3) and 'Fast Info Extractor' (Sample: 2022-02-04_12-47-27-BS-). Below the plot is a 'Project Explorer' window with a table:

| Name | Type | View | Created | Label |
|-------------------------------------|--------|-----------|----------------|----------------------|
| Graph1 | Graph | Maximized | 13.01.23 10:54 | |
| 2022-02-04_12-47-27-BS-0p5mm Matrix | Normal | | 13.01.23 10:46 | raw-matrix :: Sample |

At the bottom left, a red box highlights the number '7' in the software's toolbar.