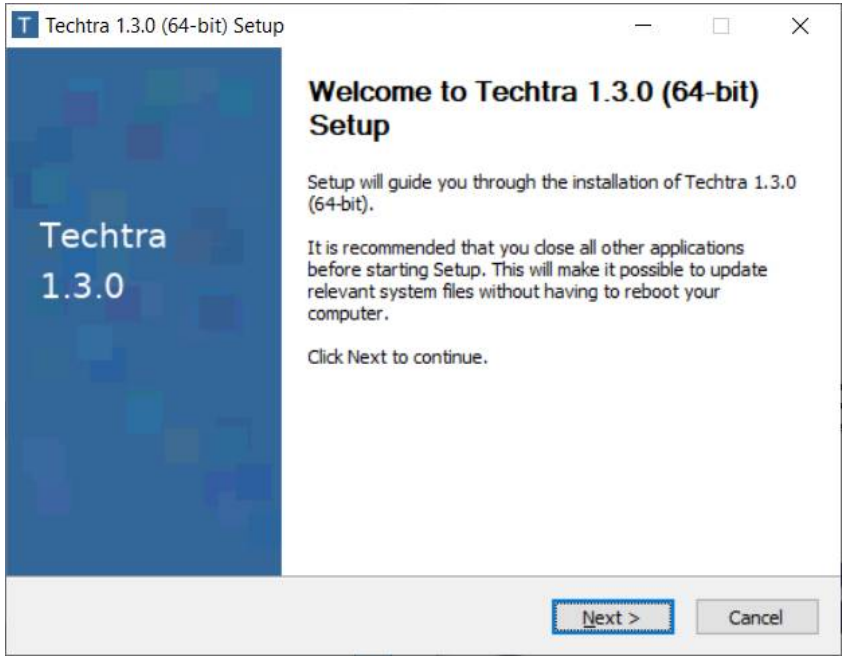
TECHTRA GEM Visualization

V1.3.0

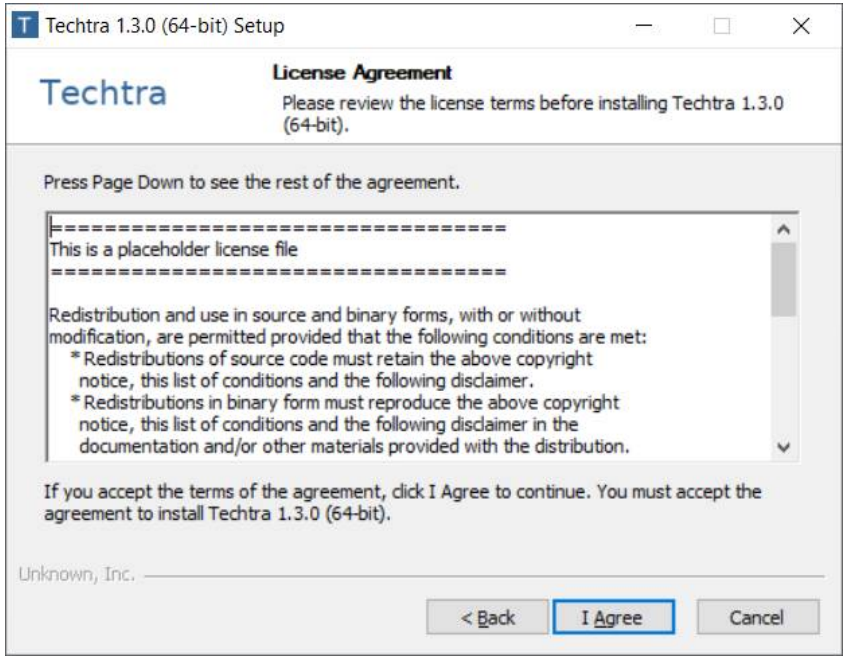
www.techtra.pl/en

Installation (Windows)

1.



2.



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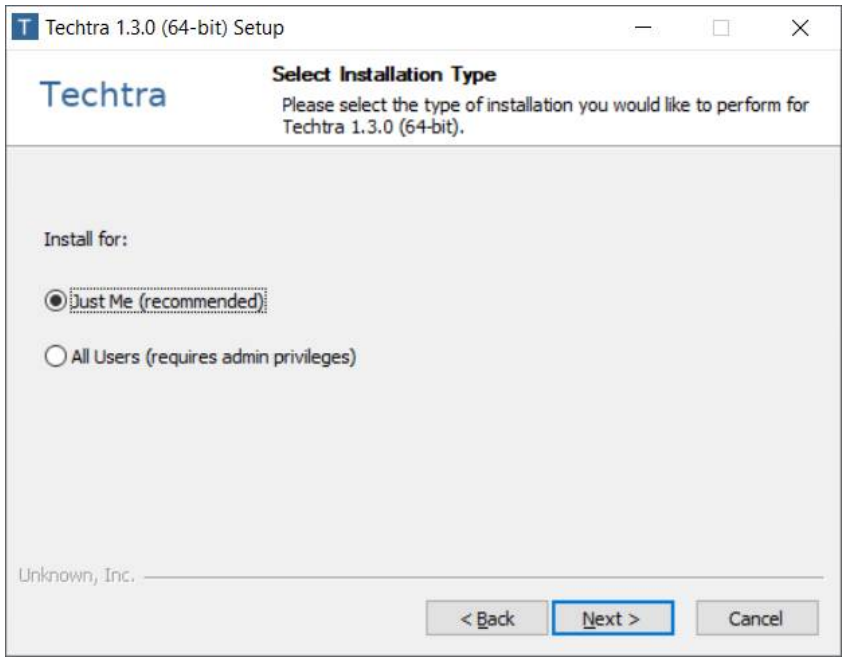
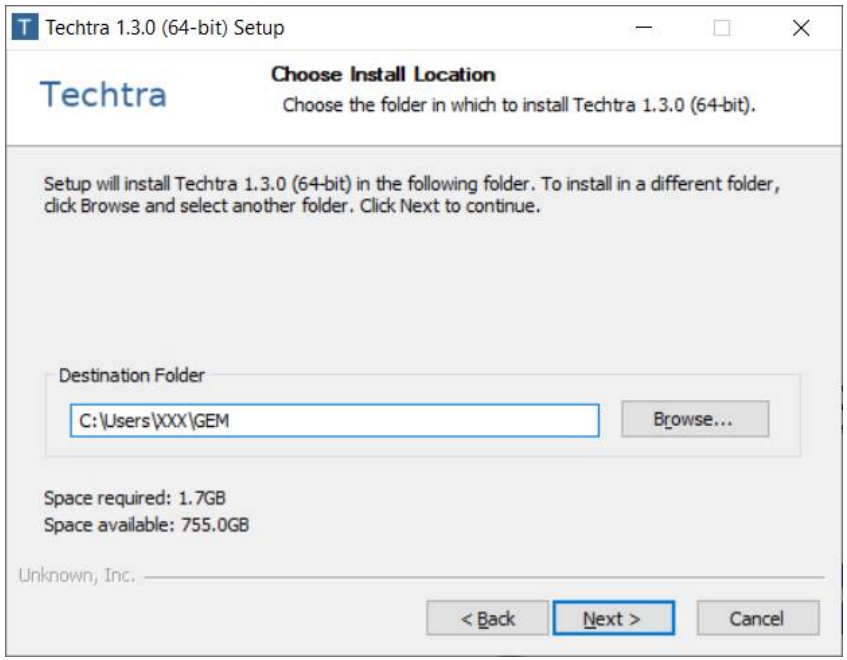
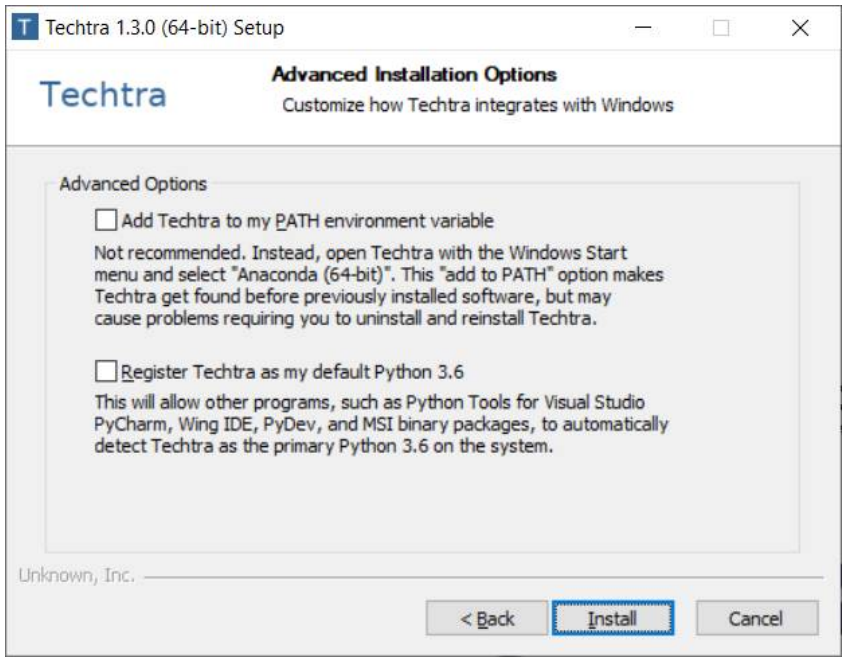


4.

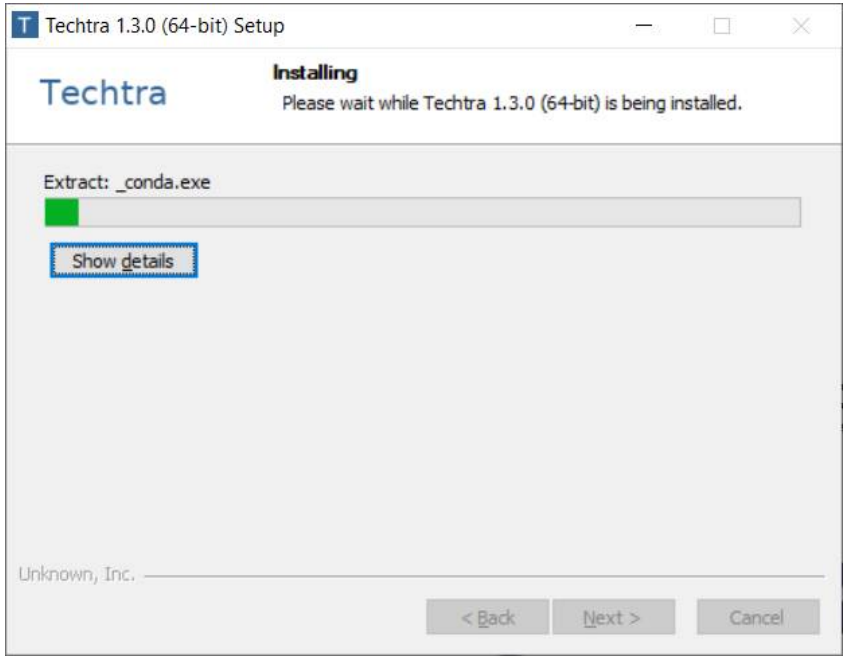


Installation (Windows)

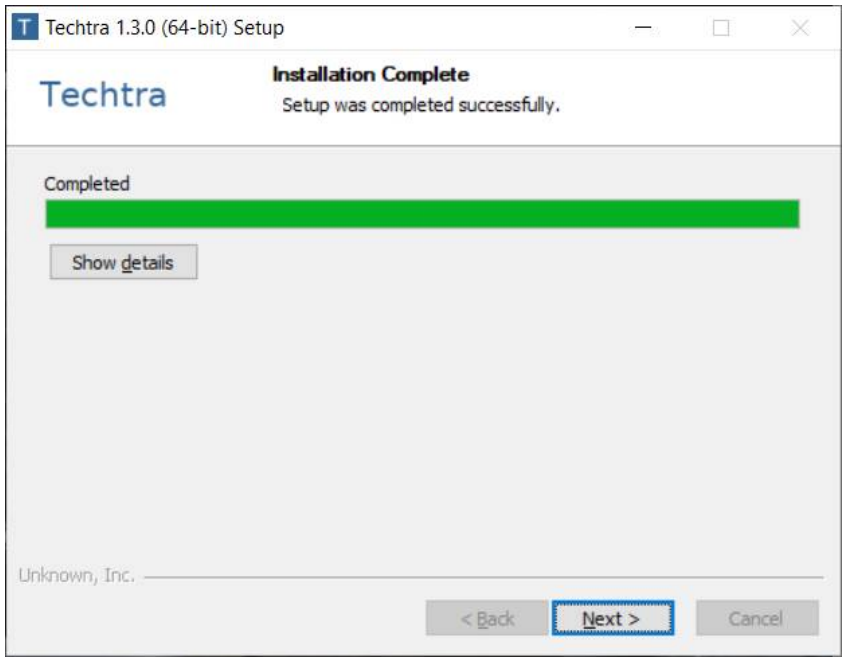
5.



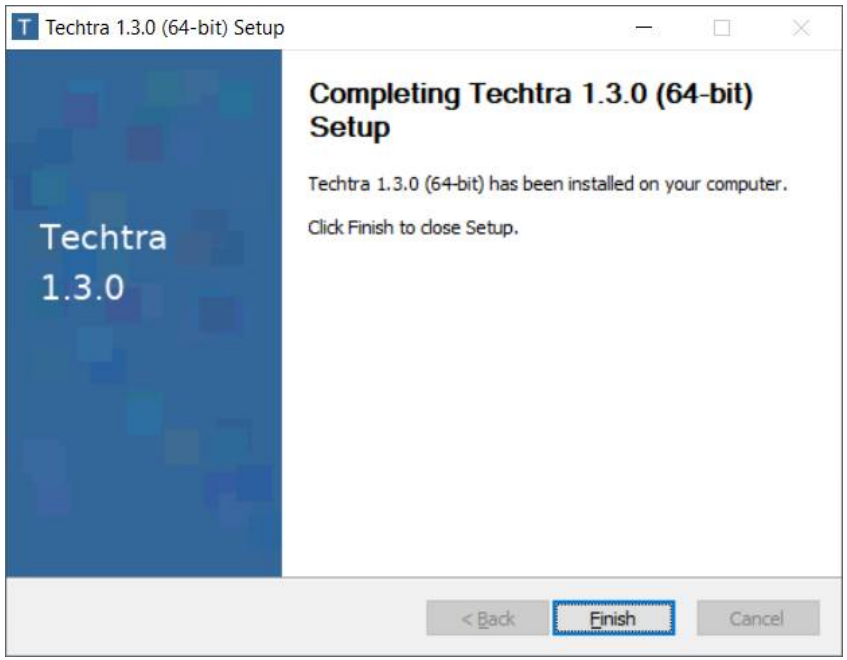
6.



7.

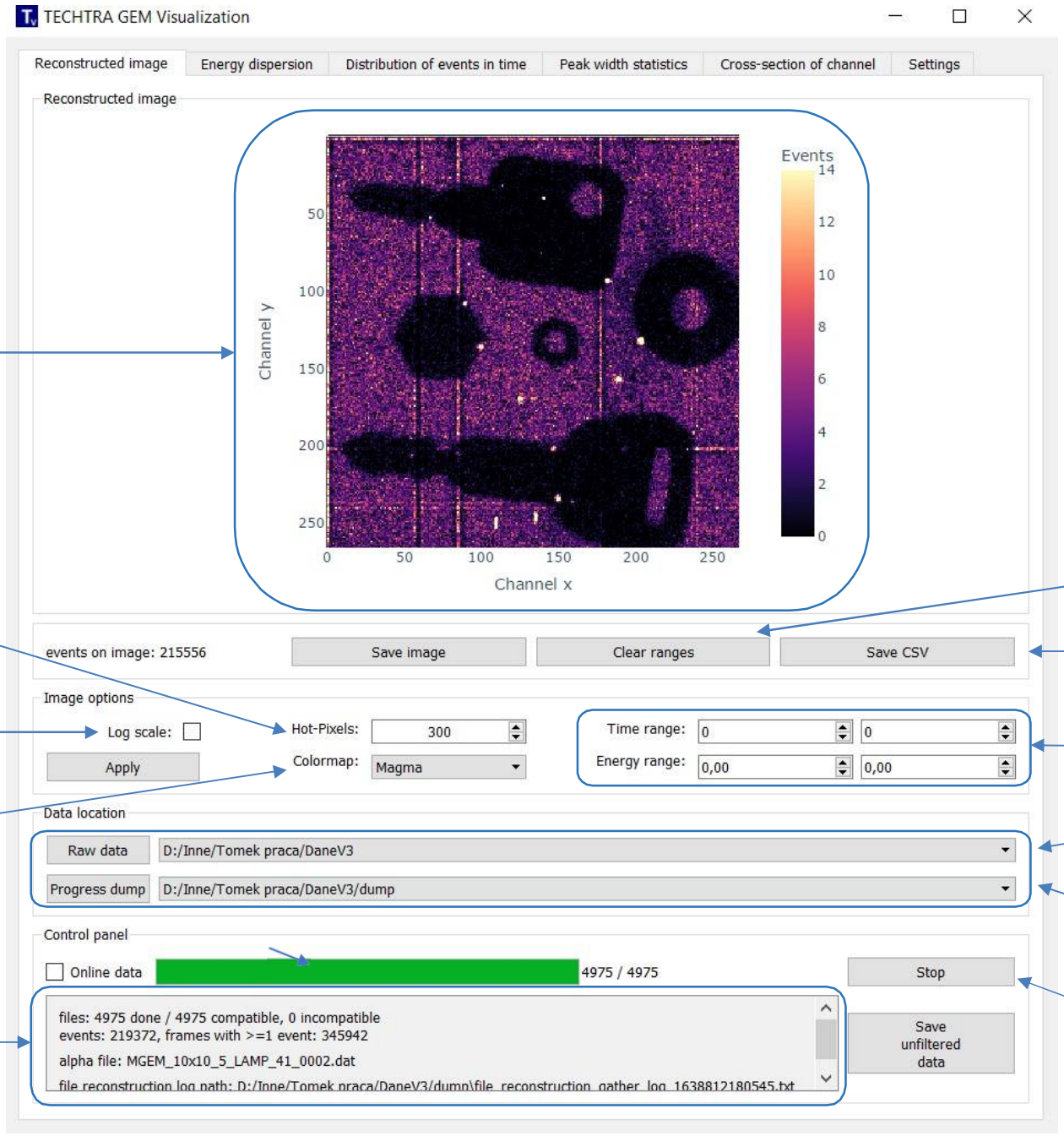


8.



Description of the functions

Reconstructed image tab



Reconstructed image - select box on image to zoom

The number of highest value pixels to be dropped

Switch heatmap scale to logarithmic

List of colormap, choose to change colorscale

Reconstruction log info tab

Return do default time and energy range

Save data to CSV file

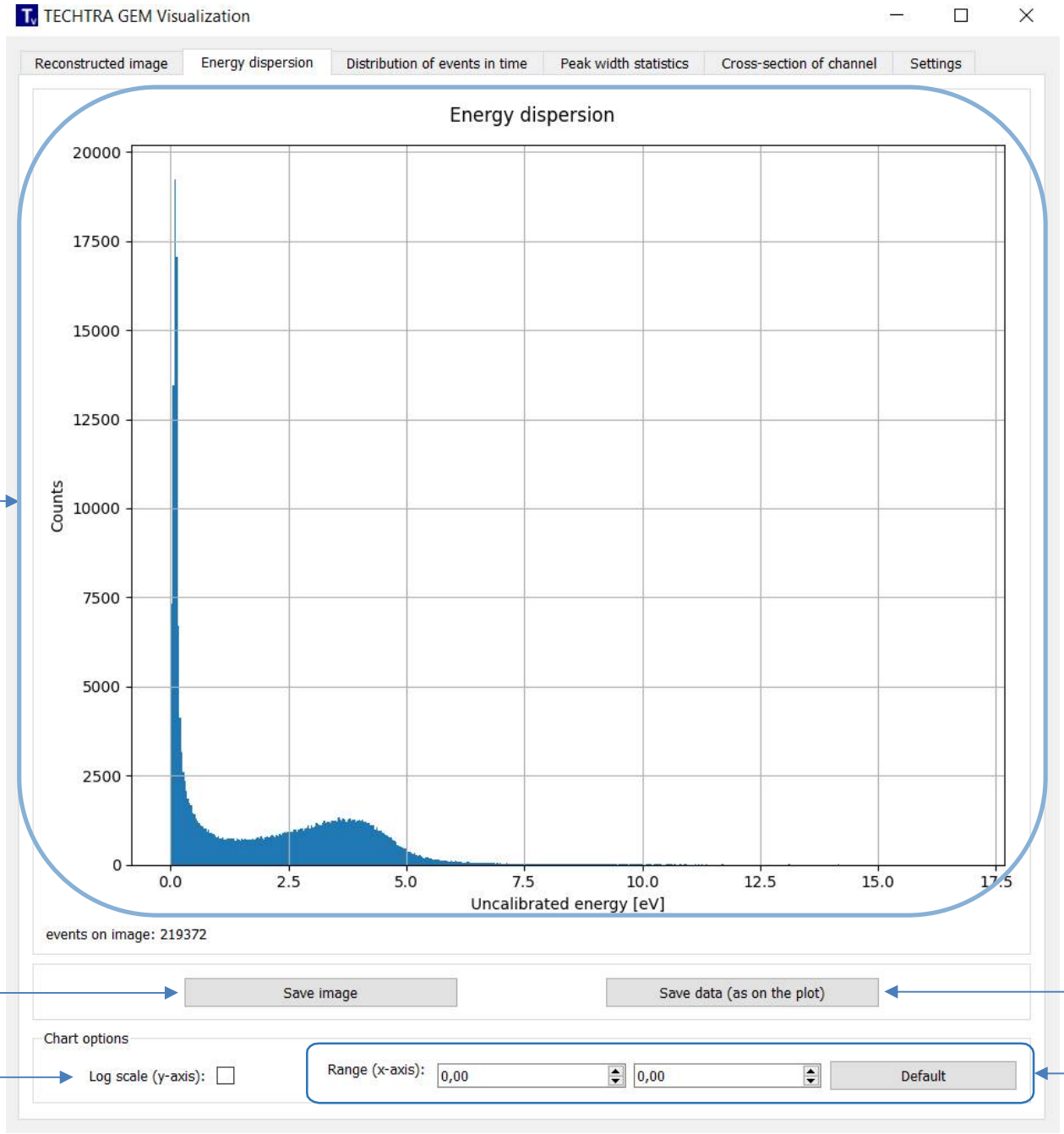
Set events time and energy range

Raw data folder path

Progress files path (it has to be inside raw data folder)

Reconstruction start/stop

Energy dispersion tab



Energy dispersion chart

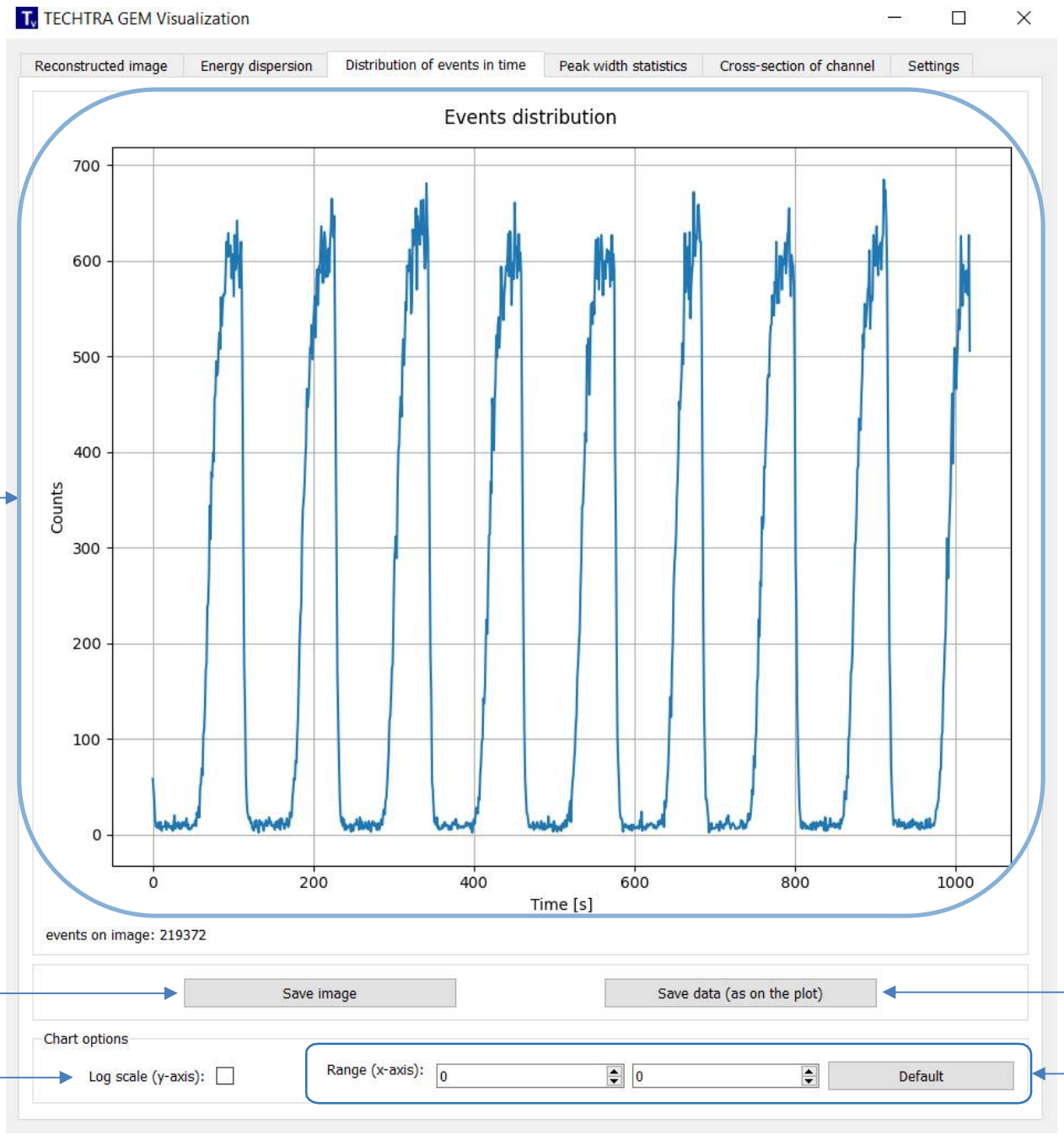
Save chart to file

Save data to CSV file

Switch scale to logarithmic

Select events energy range or return to a full range

Distribution of events in time tab



Events time distribution chart

Save chart to file

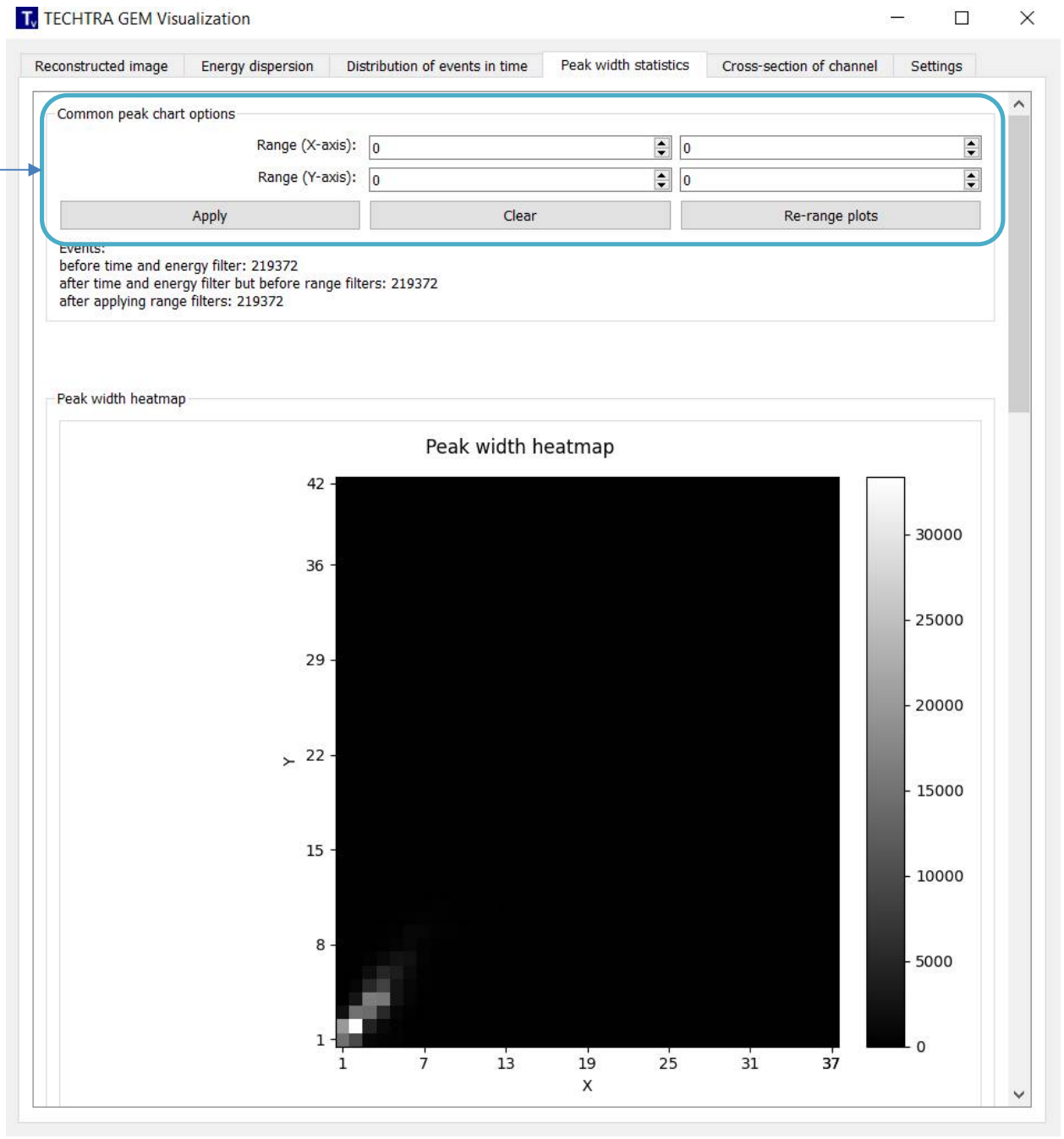
Save data to CSV file

Switch scale to logarithmic

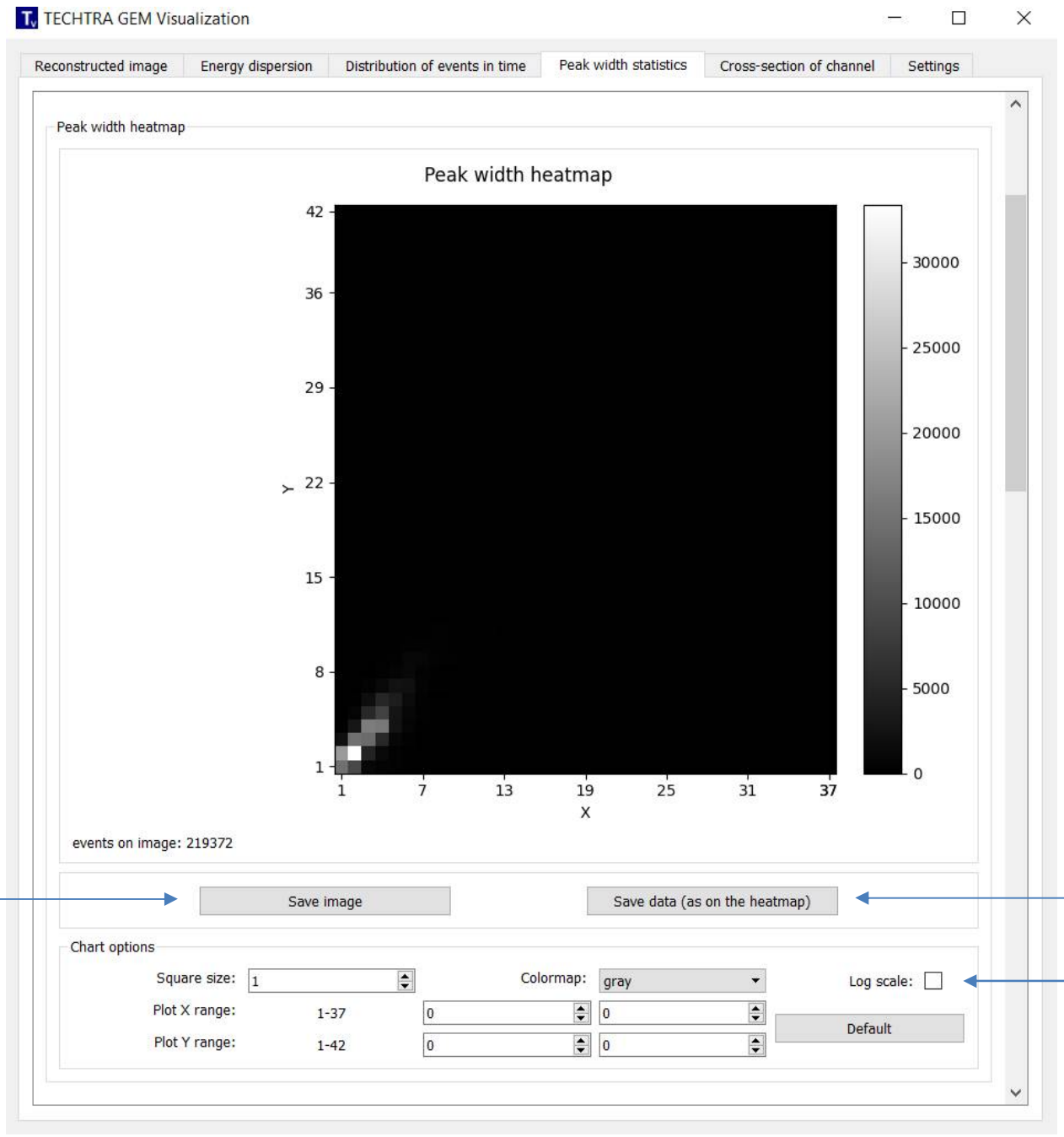
Select events time range or return to a full range

Peak width statistics tab

Select axis range



Peak width statistics tab

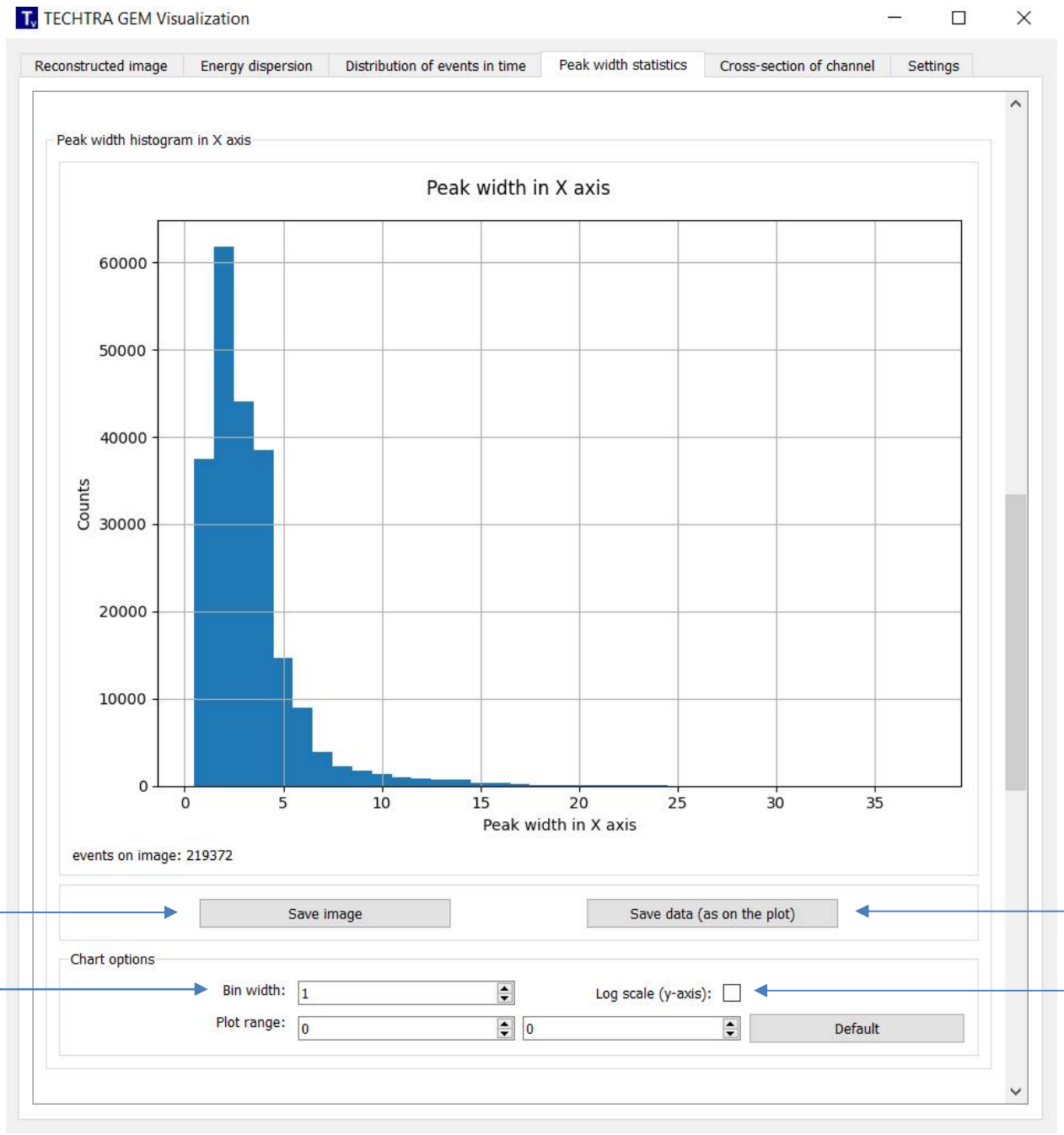


Save chart to file

Save data to CSV file

Switch scale to logarithmic

Peak width statistics tab



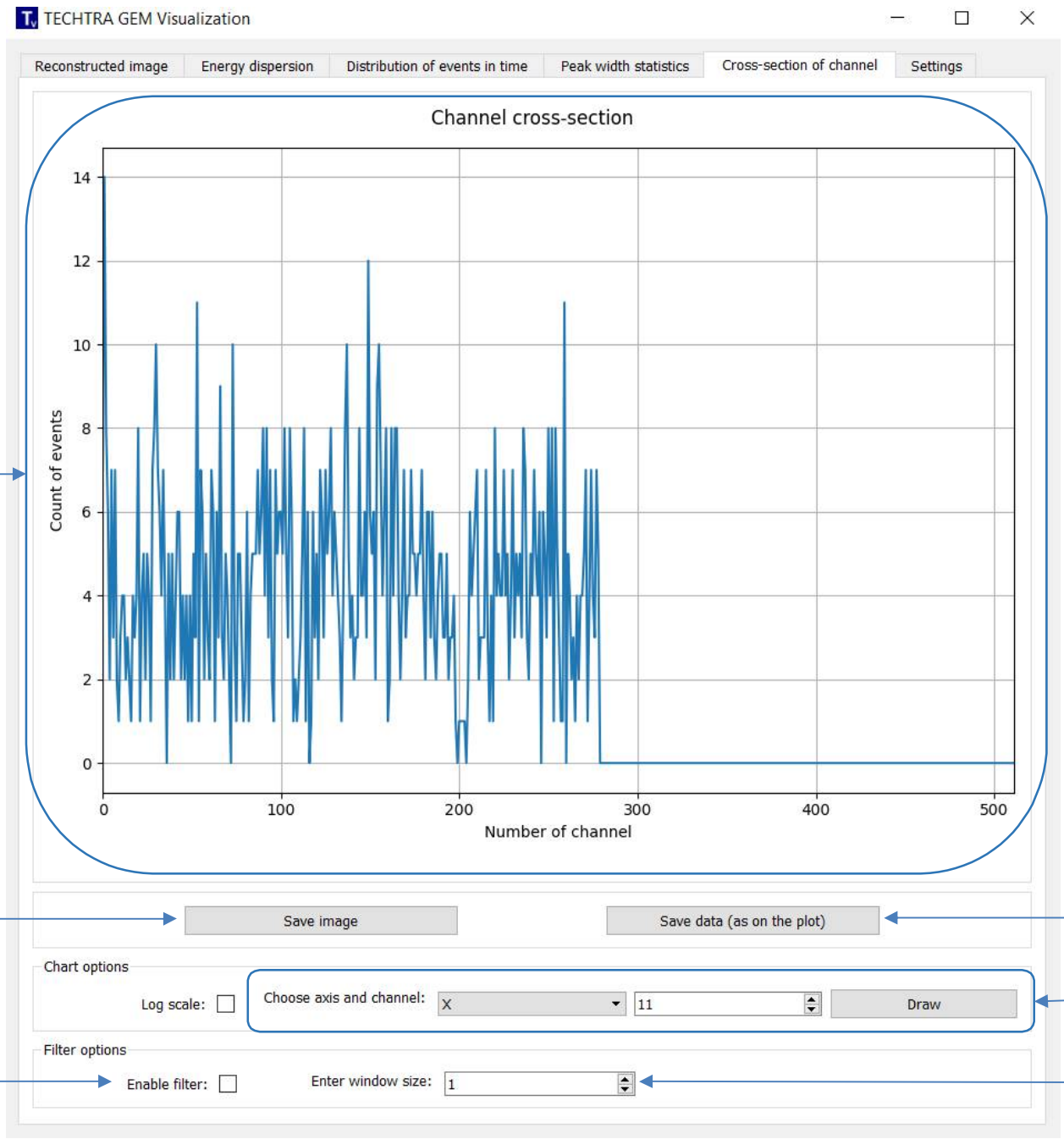
Save chart to file

Select histogram bin width

Save data to CSV file

Switch scale to logarithmic

Cross-section tab



Cross-section chart

Save chart to file

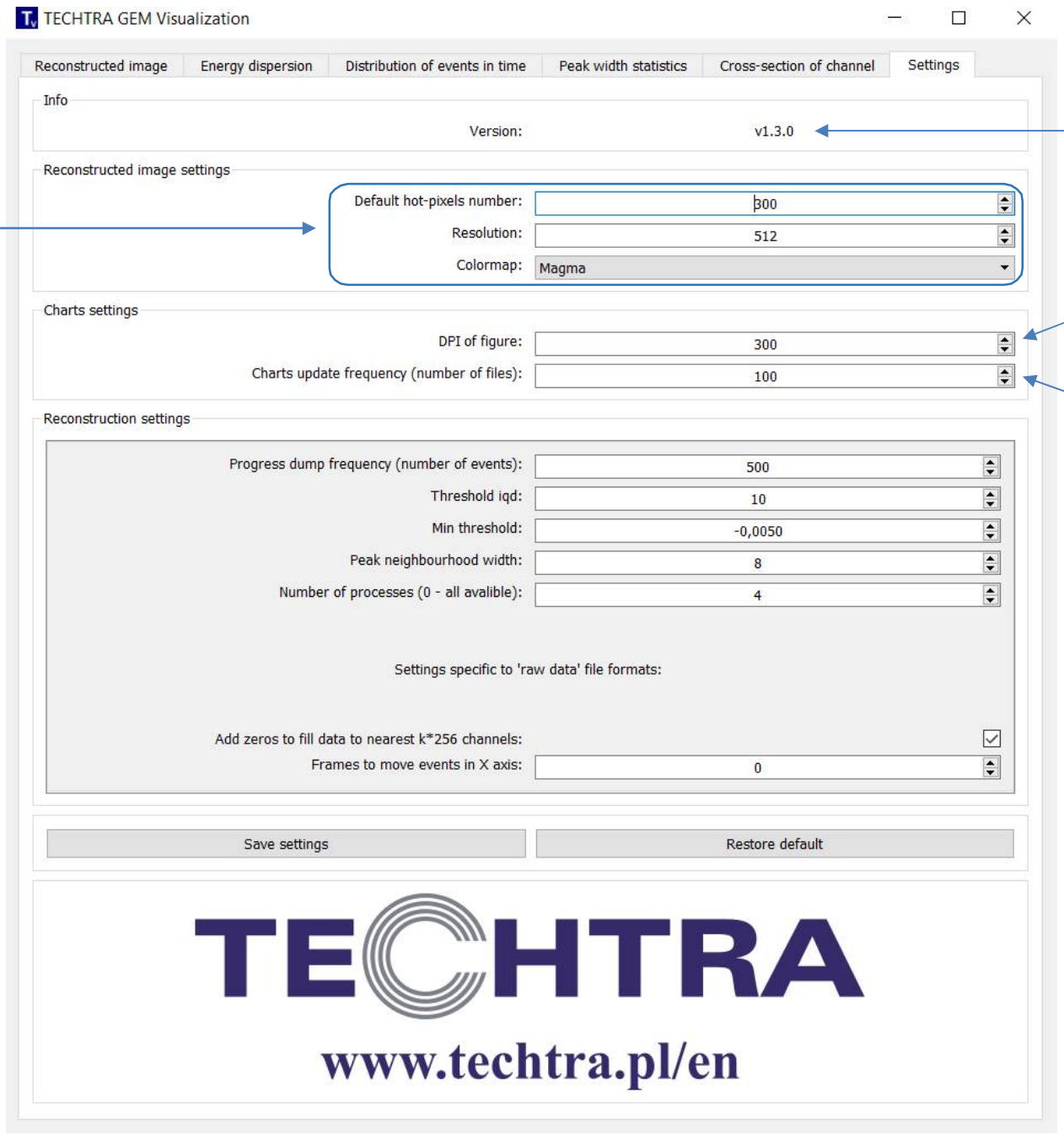
Save data to CSV file

Select axis and channel number

Enable gaussian filter

Enter filter`s windows size

Settings tab



Default values of image reconstruction settings

Version of application

Resolution of the saved chart (more is better)

The number of files between the chart update