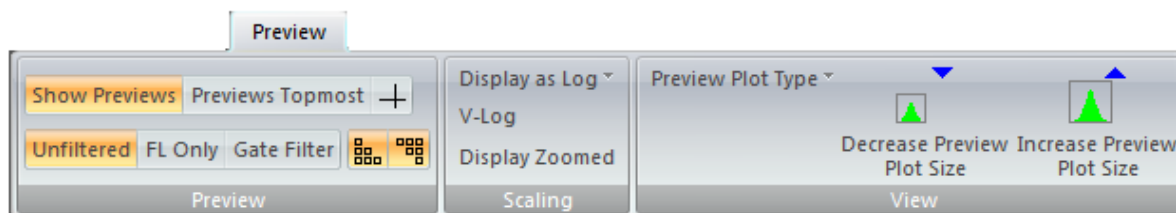


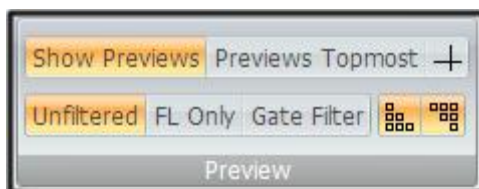
Modification of Preview Plots (Preview Tab)

The controls on the **Preview** tab of the **Ribbon** allow you to modify the plots in the **Previews** area.



Preview Group

The **Preview** group contains viewing options for the **Previews** area as illustrated below:



All the buttons in this group are disabled when no LMD file is loaded.

Show Previews

By default previews of all parameters are displayed below the Plots area. This option allows you to hide all of the previews. You may need to do this when analyzing extremely large LMD files.

The preview plots can be hidden by deselecting the **Show Previews** button.

Previews Topmost

By default, in the **Workspace** the **Plots** area is positioned above the **Previews** area, however this order can be switched by clicking the **Previews Topmost** button. The **Previews** area will now be displayed above the **Plots** area rather than below. The order can be reverted by re-clicking the **Previews Topmost** button.



Quadrants on Previews

To display a quadrant region on all of the dual parameter preview plots, click the **Quadrants on Previews** button. Quadrants will be displayed on all dual parameter preview plots.

Only one quadrant can be displayed on each plot.

Re-click the **Quadrants on Previews** button to hide the Quadrants.

Preview Plot Filters

Filters affect which parameters, and therefore plots, are displayed in the **Previews** area.

The filters are used to selectively reduce the number of plots displayed in the **Previews** area. Several filter options are available.

Unfiltered

Click the **Unfiltered** button to show preview plots for all currently selected parameters. The **Previews** area is unfiltered by default.

FL Only

Click the **FL Only** button to only show preview plots of fluorescence parameters. Scatter and Other parameters will not be displayed.

Click the **Unfiltered** button to re-show all preview plots.

Gate Filter

When this filter is applied, any preview plots containing parameters that are being used as a part of the gate equation for the selected plot or region are excluded from the preview.

This can be used to reduce the number of preview plots.

Click the **Unfiltered** button to re-show all preview plots.

Show Lower Triangle



Click the **Show Lower Triangle** button to show or hide the plots displayed on the lower left triangle of the **Previews** area. Click the button once to hide the plots – to re-display the plots, click the button again.

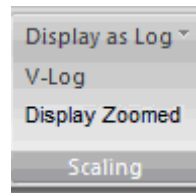
Show Upper Triangle



Click the **Show Upper Triangle** button to show or hide the plots displayed on the upper right triangle of the **Previews** area. Click the button once to hide the plots – to re-display the plots, click the button again.

Scaling Group

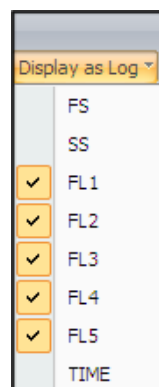
The controls in the **Scaling** group are used to specify the scaling for parameters in the **Previews** area.



When no LMD file is open, or if a low resolution file is open, the controls in the **Scaling** group are disabled.

Display as Log

VenturiOne allows you to select whether parameters displayed in the **Previews** area are shown with Linear or Logarithmic scaling. Click the **Display as Log** drop-down menu to display a list of parameters present in the file and select the parameters you wish to display with logarithmic scaling:



Click on the individual parameters to either select (checked) or deselect (un-checked) to display it as logarithmic.

When scaling changes are made, the plots displayed in the **Previews** area are updated accordingly.

A parameter cannot be displayed with both linear and logarithmic scaling simultaneously within the **Previews** area.

V-Log Scaling

V-Log is an axis transformation that is similar to Logarithmic for the upper three decades, but has a linear section around the axis and allows events that have a 'negative' fluorescence value to be better visualized.

The V-Log scaling properties can be changed from the **Scales** group on the **Parameters** tab of the **Ribbon**.

Click the **V-Log** button to change all the logarithmic parameters of the preview plots to V-Log scaling,

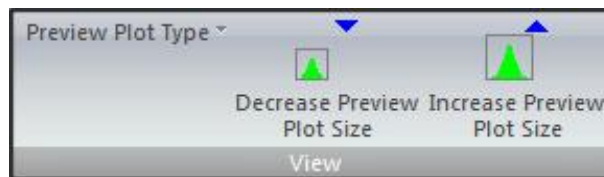
Display Zoomed Button

If zoom levels are set for individual parameters, you can use the **Display Zoomed** button to display those parameter zoom settings in the **Previews** area.

The default is to display parameters in the **Previews area** not zoomed.

View Group

The **View** group contains controls for changing the type and size of the preview plots.



Twelve preview plot sizes are available between 32 x 32 pixels and 1024 x 1024 pixels. The default size is 96 x 96 pixels.

Decrease Preview Plot Size

Clicking the **Decrease Preview Plot Size** button decreases the size of all the plots displayed in the **Previews** area until the minimum size is reached.

When the plots are displayed at their minimum size the **Decrease Preview Plot Size** button is grayed out.

Increase Preview Plot Size

Clicking the **Increase Preview Plot Size** button increases the size of all the plots displayed in the **Previews** area until the maximum size is reached.

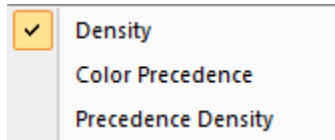
When the plots are displayed at their maximum size the **Increase Preview Plot Size** button is grayed out.

Preview Plot Type

The dual parameter preview plots can be displayed in a choice of three formats:

- Density Plots
- Color Precedence Plots
- Precedence Density Plots

Click the **Preview Plot Type** drop-down button to display the three available preview formats as illustrated below:



The current preview plot type is checked. You can change the plot type by checking a different type. The three choices are mutually exclusive.

See the section on Plots for description of Density, Color Precedence and Precedence Density plots.