Arrhenius graph
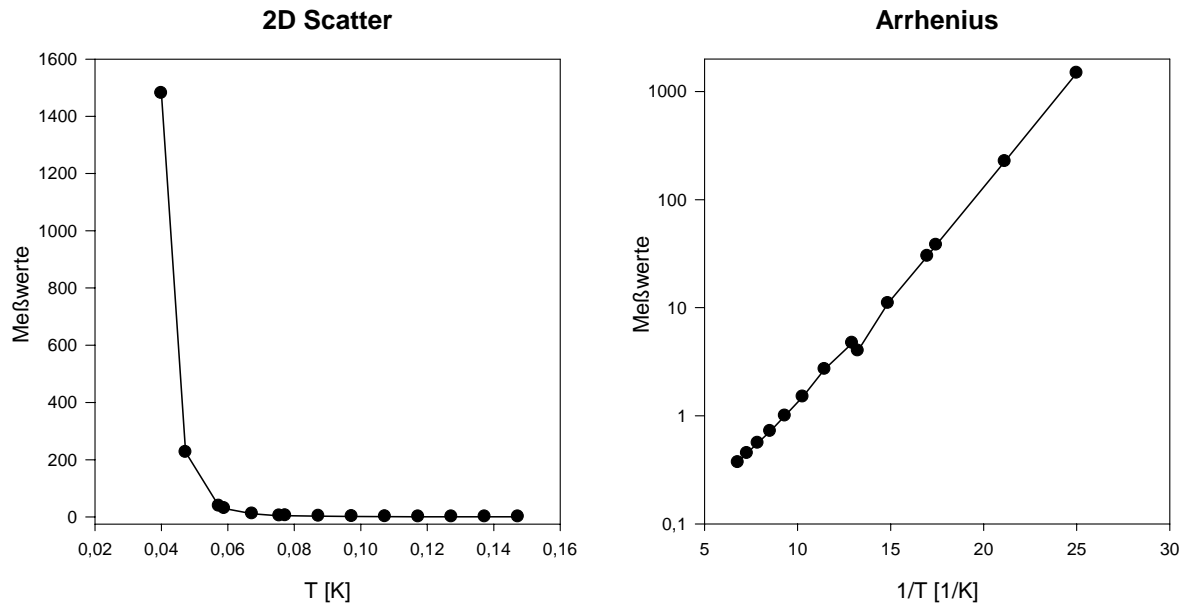
An Arrhenius graph "displays the logarithm of kinetic constants (ln(k), ordinate axis) plotted against inverse temperature". (en.wikipedia.org/wiki/Arrhenius_plot)

To create an Arrhenius graph in SigmaPlot

- Import measurement and temperature values into the worksheet, and create a Line and Scatter Plot > Simple Straight Line > XY Pair.

- Change the axis scaling
  - X (temperature) from Linear to (Scaling > Scale Type > Reciprocal)
  - Y (measurements) from Linear to Log (common)

  Adjust the axis ranges (Scaling > Range > Start/End), and customize axis titles, ticks, and tick labels.

You can use this Arrhenius graph as a template if you drag it into the Graph Gallery with the left mouse key pressed. Double-click on the preview image in the Graph Gallery to apply this graph style to new data.