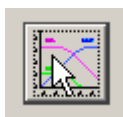


## Make your 1st Diagram with DATABASE & SPANA

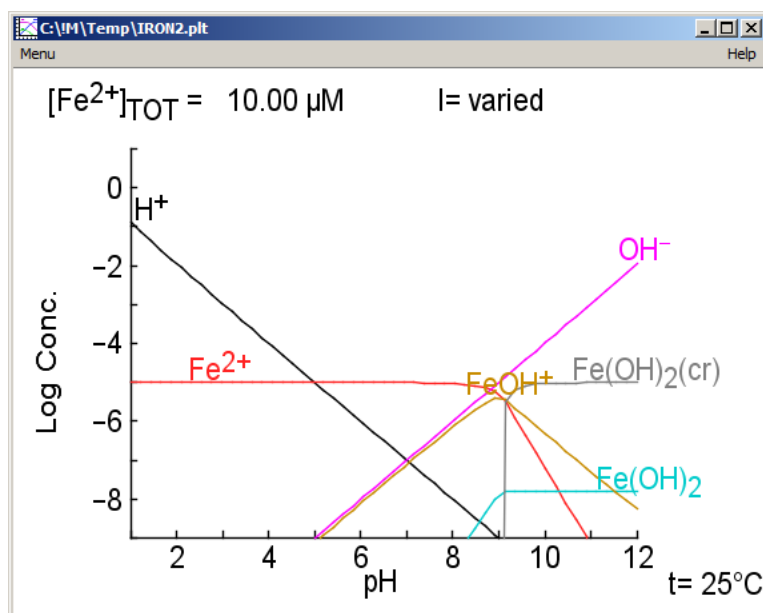
Follow these simple steps:

1) Start the DATABASE program and click on “Fe” in the periodic table. Click on “Fe<sup>2+</sup>” in the list of available components. Both “H<sup>+</sup>” and “Fe<sup>2+</sup>” will be listed as selected components. Click on the pull-down menu “File / Search and Exit”. Click on the diagram button to save the data file and to make a diagram. Enter a file name, for example “IRON2”.

2) The SPANA main window will appear. Click on the pull-down menu “Run / make a Diagram”. A new window appears to select what type of diagram is wanted. Click on the Diagram button in the upper-left corner of the window



The calculations will be done by a background program. When the calculations are finished the diagram is displayed in a window:



This logarithmic diagram shows the distribution of hydrolysis products of Fe(II) as a function of pH.  $\text{Fe(OH)}_2(\text{cr})$  precipitates at  $\text{pH} > 9.1$

There are several additional **tutorials** in the help file.