

Instructions:

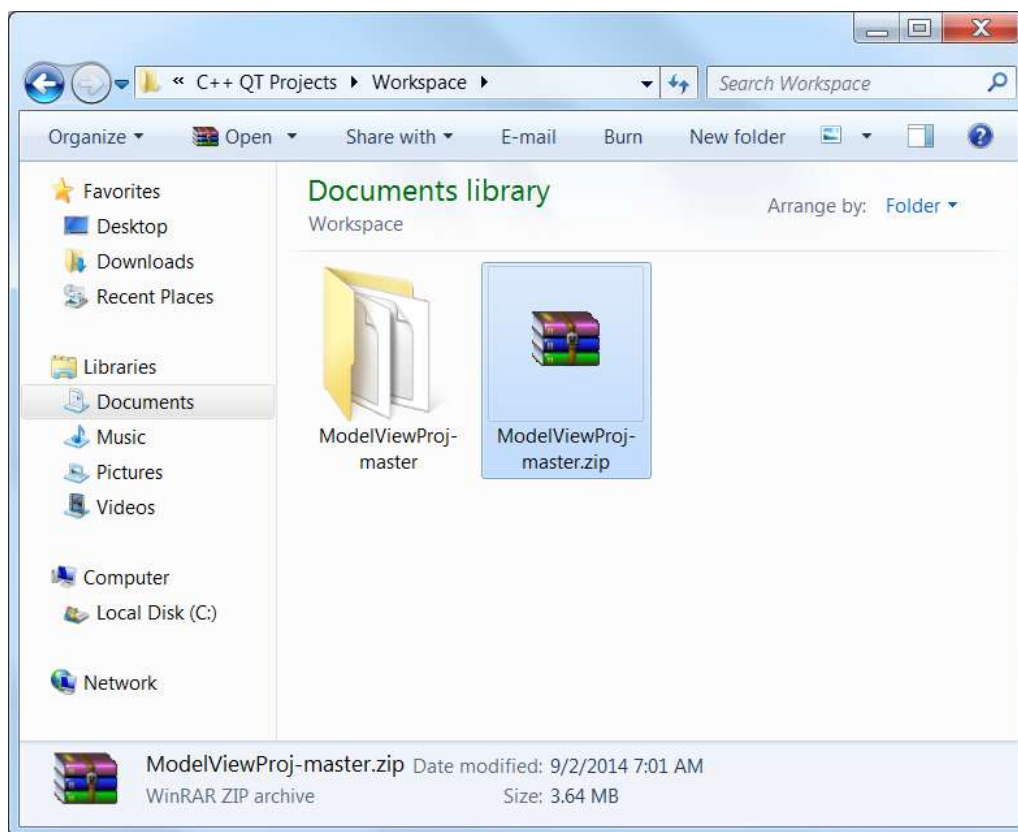
1. Download QT Creator

Recommended version: Qt 5.3.1 for Windows 32-bit (MinGW 4.8.2, OpenGL, 735 MB)

link:

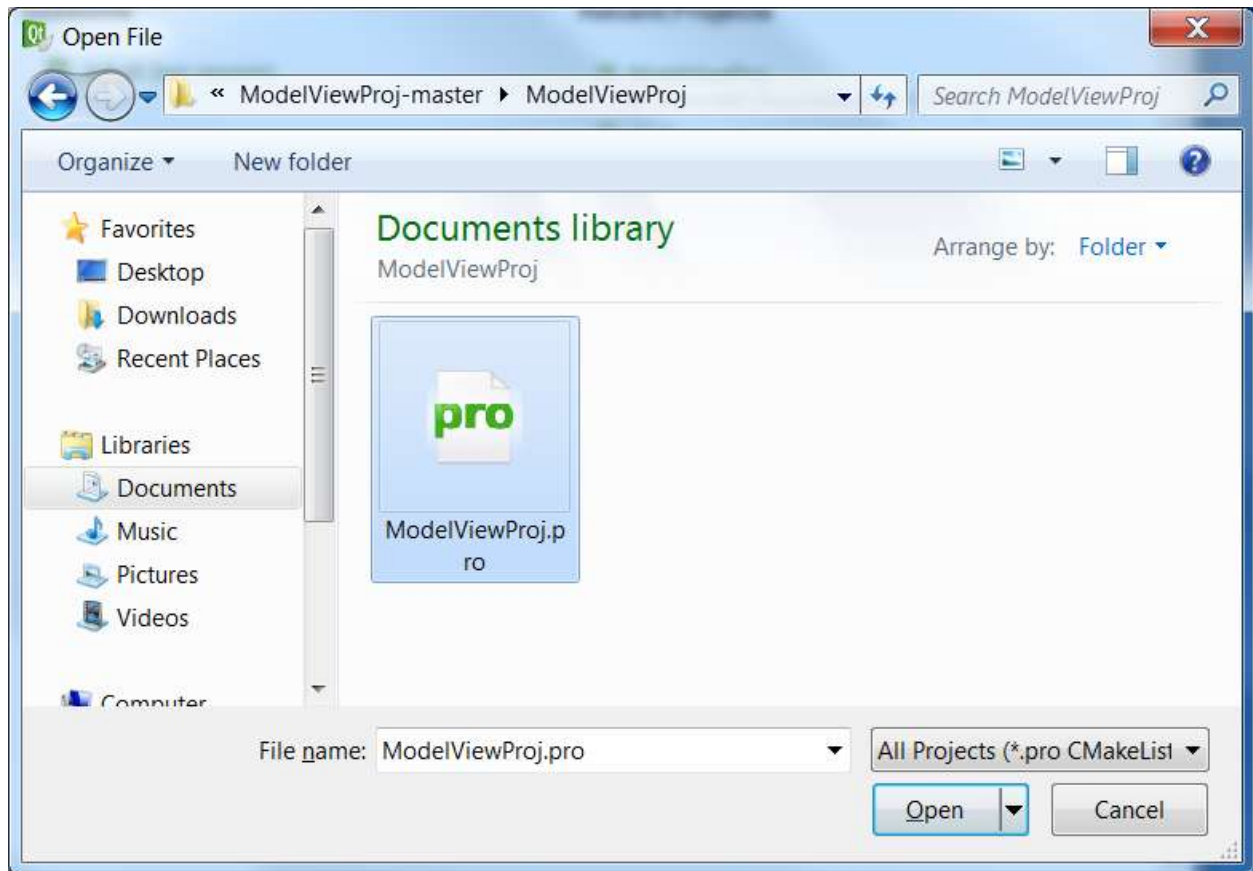
http://download.qt-project.org/official_releases/qt/5.3/5.3.1/qt-opensource-windows-x86-mingw482_opengl-5.3.1.exe.mirrorlist

2. Unzip **ModelViewProj-master.zip** in a suitable workspace directory.

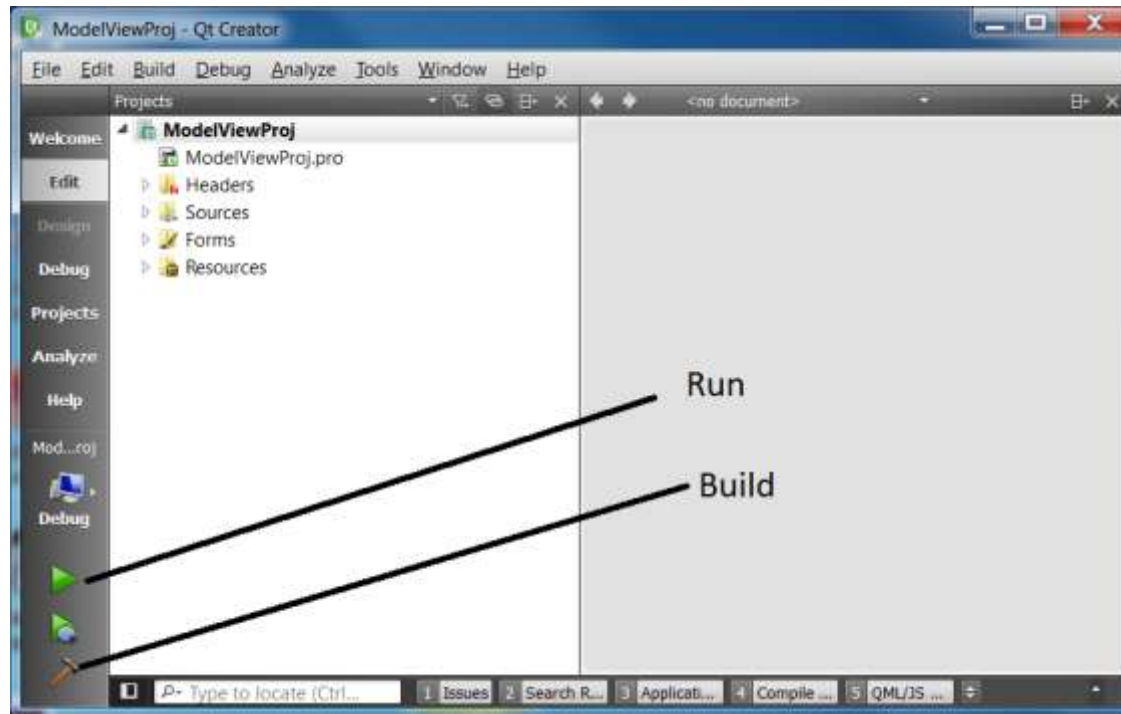


3. Open **Qt Creator** and select Open Project.

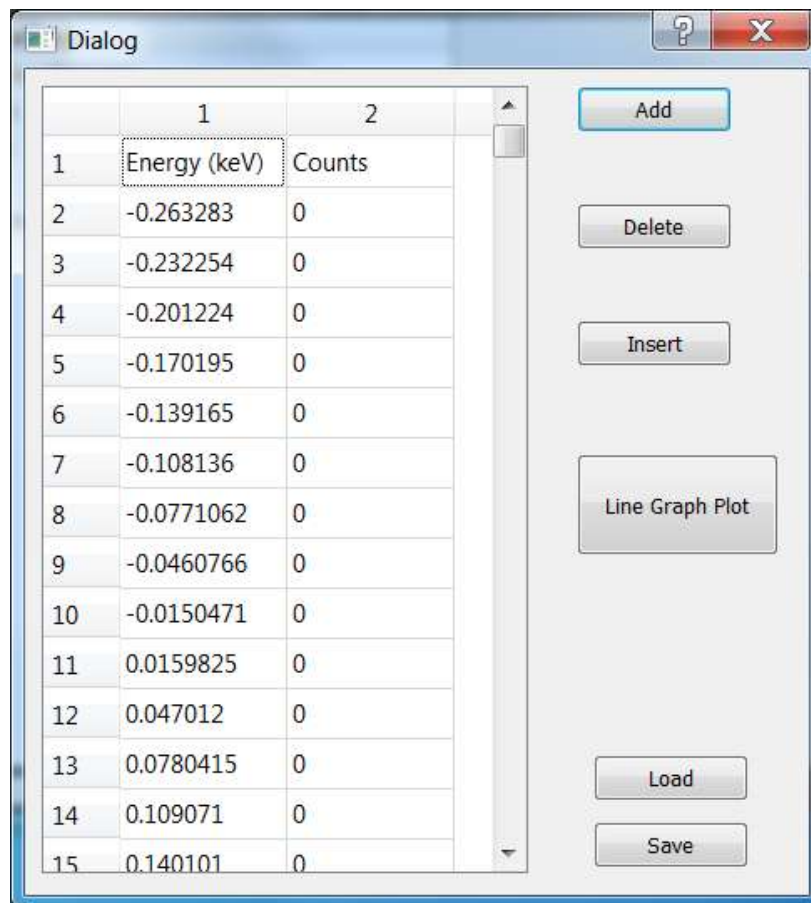
Navigate to the **ModelViewProj-master>ModelViewProj** directory and select **ModelViewProj.pro**.



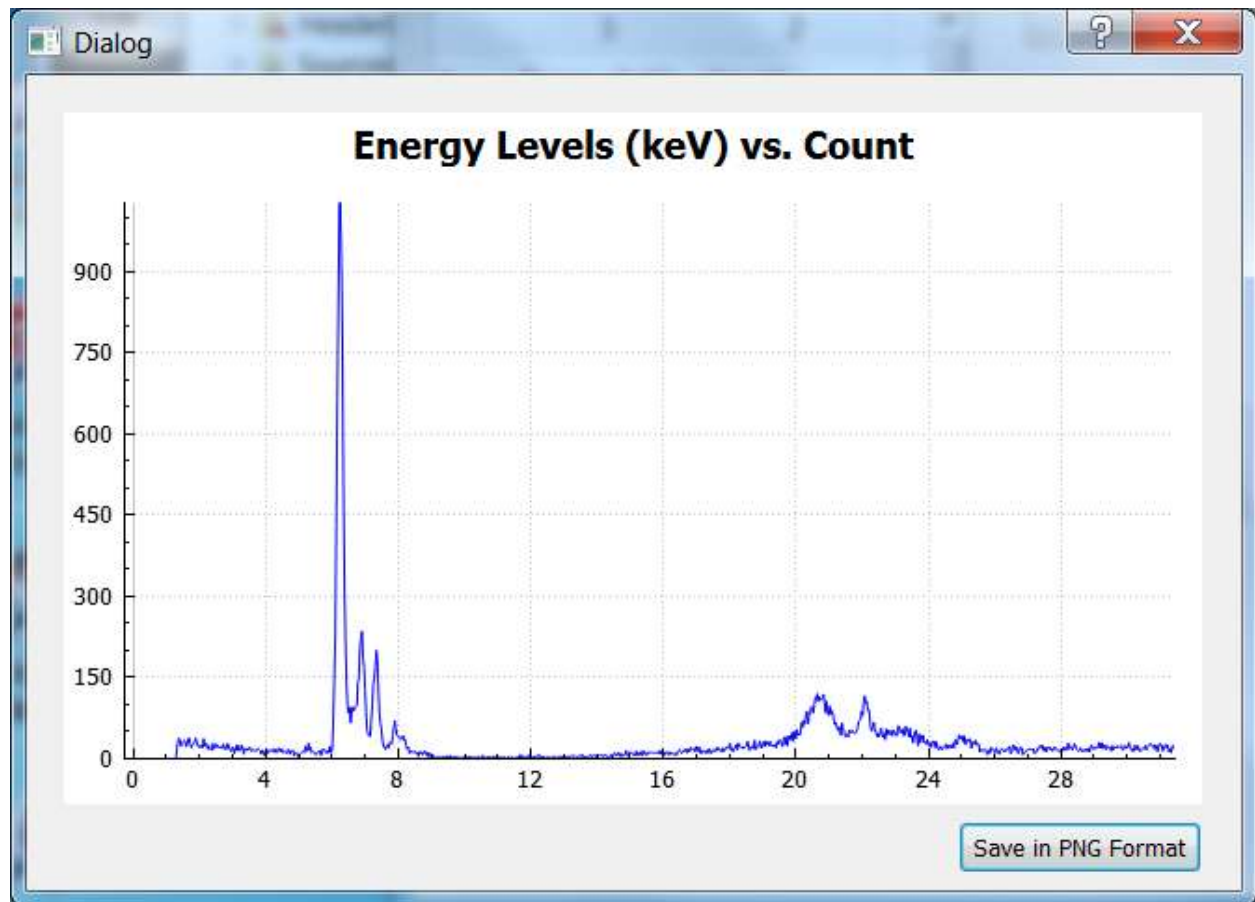
4. After successfully loading ModelViewProj.pro, go ahead and build (~1 min) and run the project.



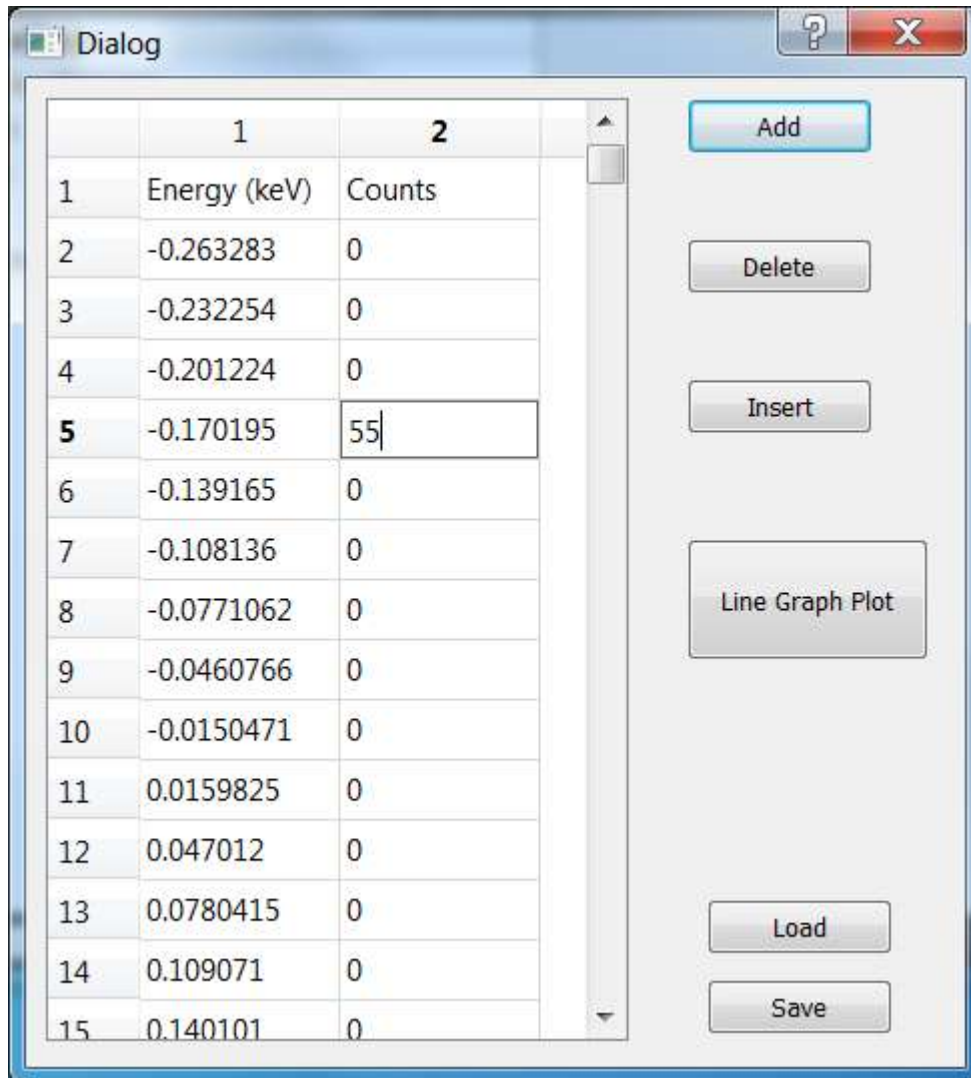
5. Once program starts you'll see the following dialog box pop up on your window screen.



6. To generate a line graph, simply click the "line graph plot" button. Once the second dialog box pops up, you'll be able to see a graphical representation of the data and also the option to save the plot as .png file.



7. To alter the data entries, close the plot window, and simply select the add, insert and delete button. You may even click on the table itself and manually enter a new value.

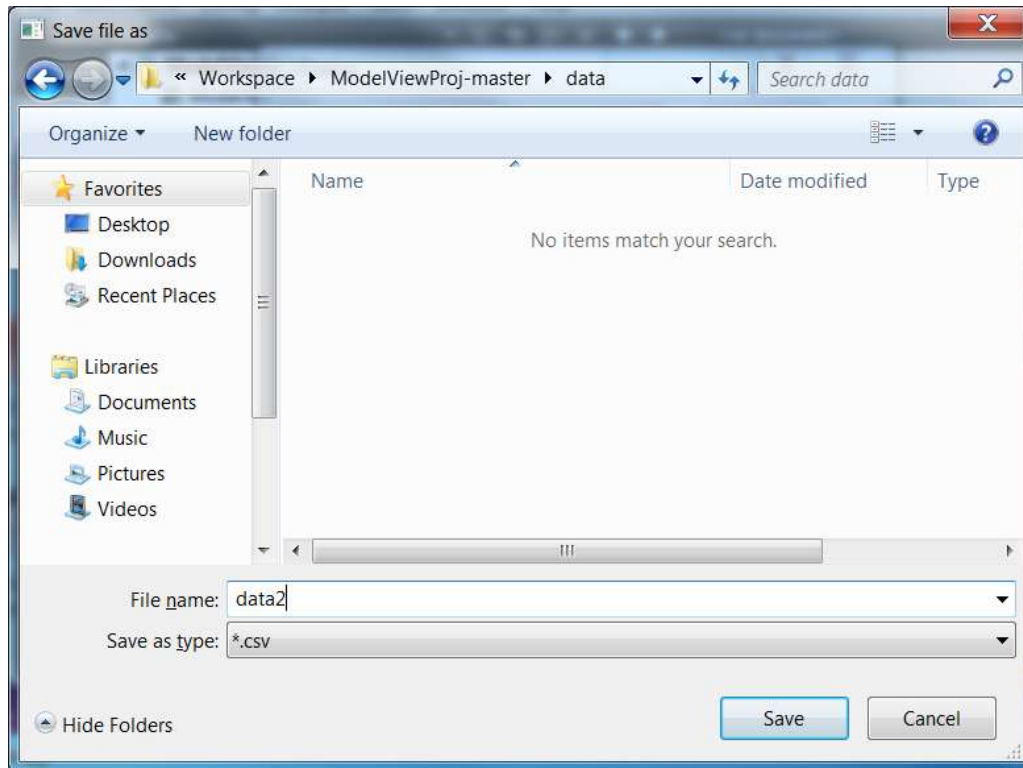


The image shows a software dialog box titled "Dialog". It features a table with two columns: "1" and "2". The first column is labeled "Energy (keV)" and the second column is labeled "Counts". The table contains 15 rows of data. The "Counts" column for the first 14 rows is 0, and for the 15th row, it is 55. To the right of the table are several buttons: "Add", "Delete", "Insert", "Line Graph Plot", "Load", and "Save".

	1	2
1	Energy (keV)	Counts
2	-0.263283	0
3	-0.232254	0
4	-0.201224	0
5	-0.170195	55
6	-0.139165	0
7	-0.108136	0
8	-0.0771062	0
9	-0.0460766	0
10	-0.0150471	0
11	0.0159825	0
12	0.047012	0
13	0.0780415	0
14	0.109071	0
15	0.140101	0

Buttons: Add, Delete, Insert, Line Graph Plot, Load, Save

8. If you wish to save any changes to your data, simply click the save button and the program will save it in a .csv format.



9. Alternatively if you wish to load a different set of data, simply click the load button and select an appropriate .csv file.

Note:

qcustomplot.h and qcustomplot.cpp
was used to generate the linear plot, and they were obtained from
<http://www.qcustomplot.com/index.php/download>