Instructions:

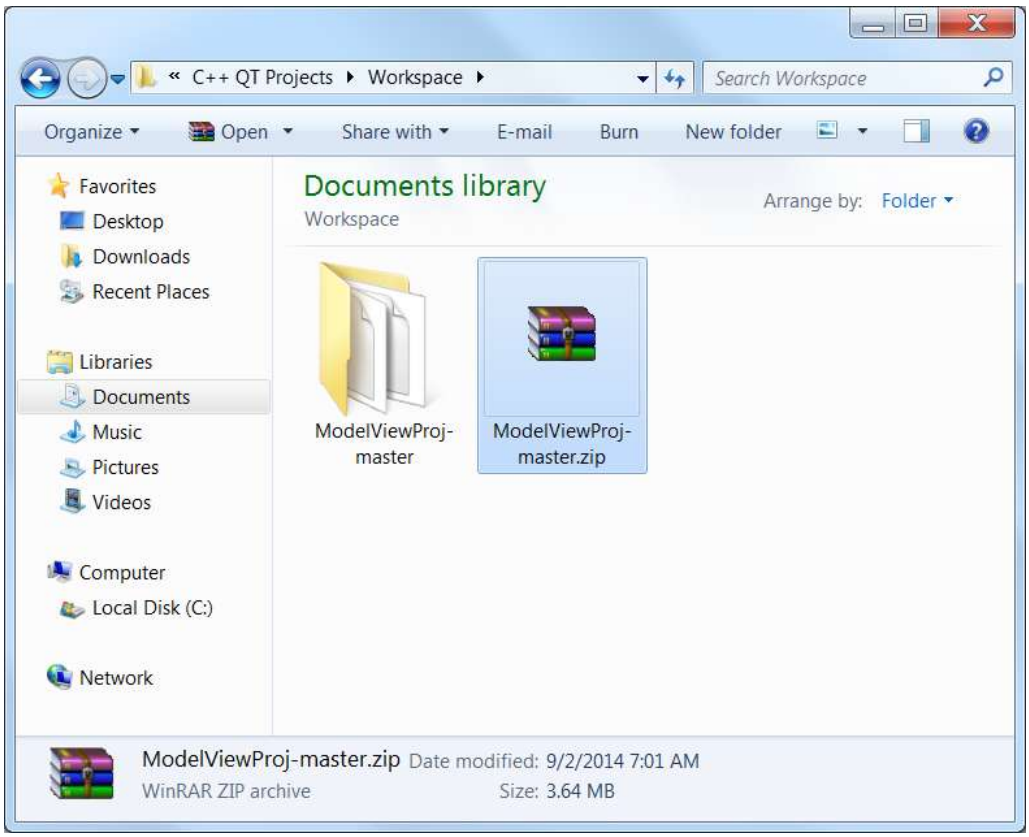
1. Download QT Creator

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

link:

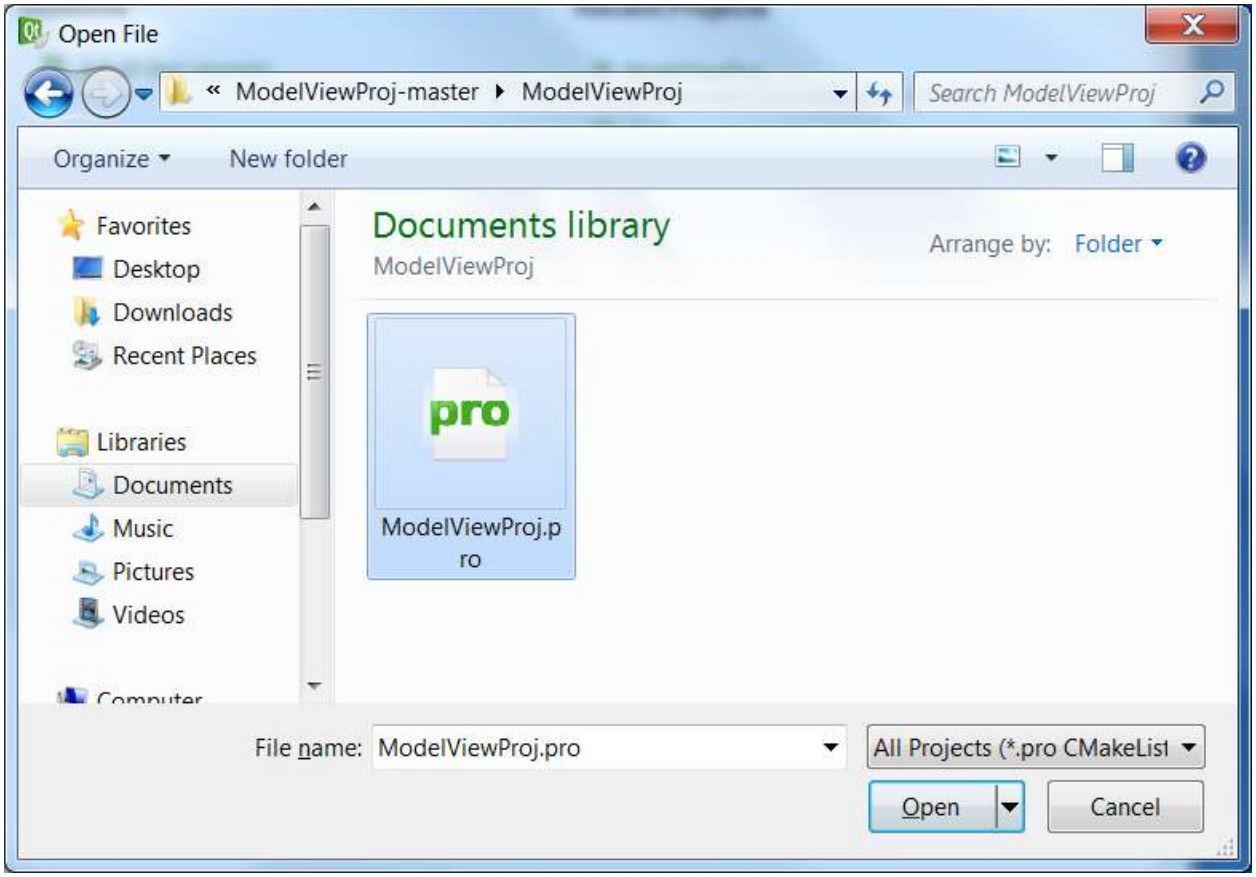
http://download.qt-project.org/official_releases/qt/5.3/5.3.1/qt-opensource-windows-x86-mingw482_opengl-5.3.1.exe.mirrorlist

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

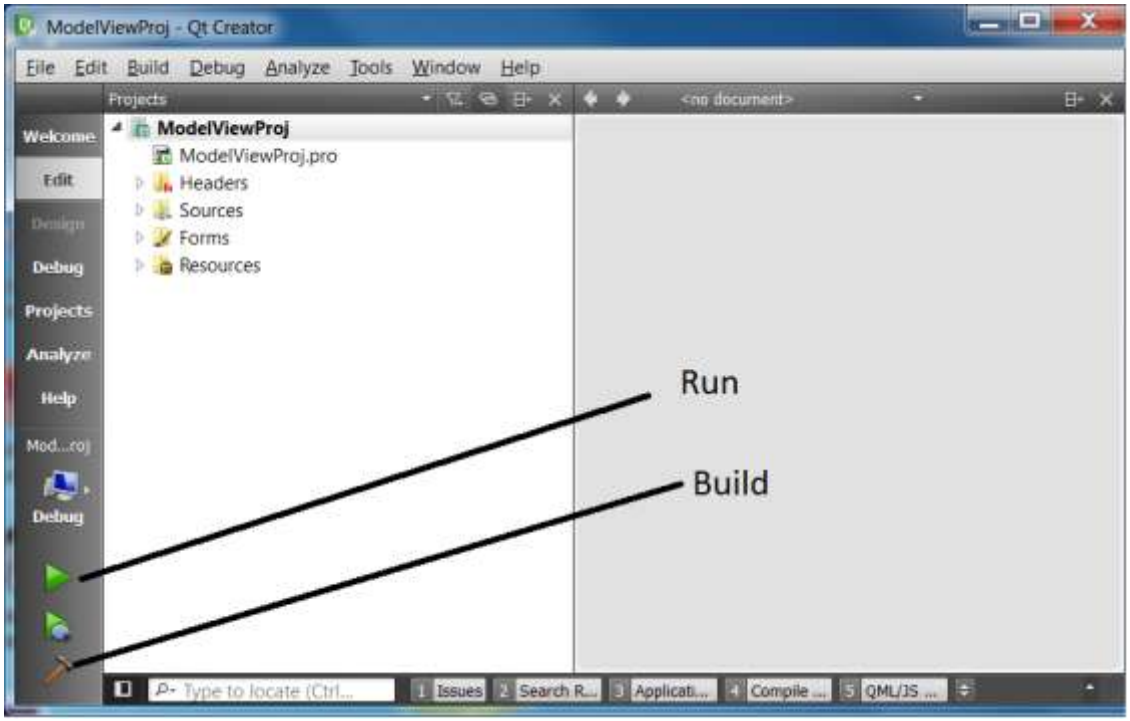


3. Open **Qt Creator** and select Open Project.

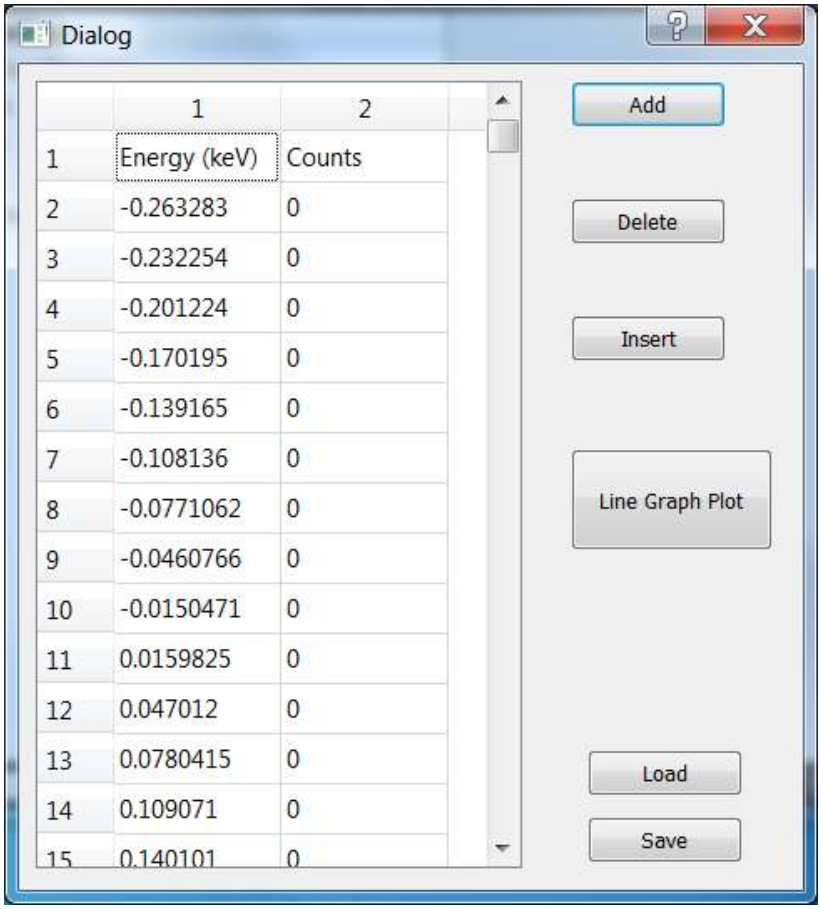
Navigate to the **ModelViewProj-master>ModelViewProj** directory and select **ModelViewProj.pro**.



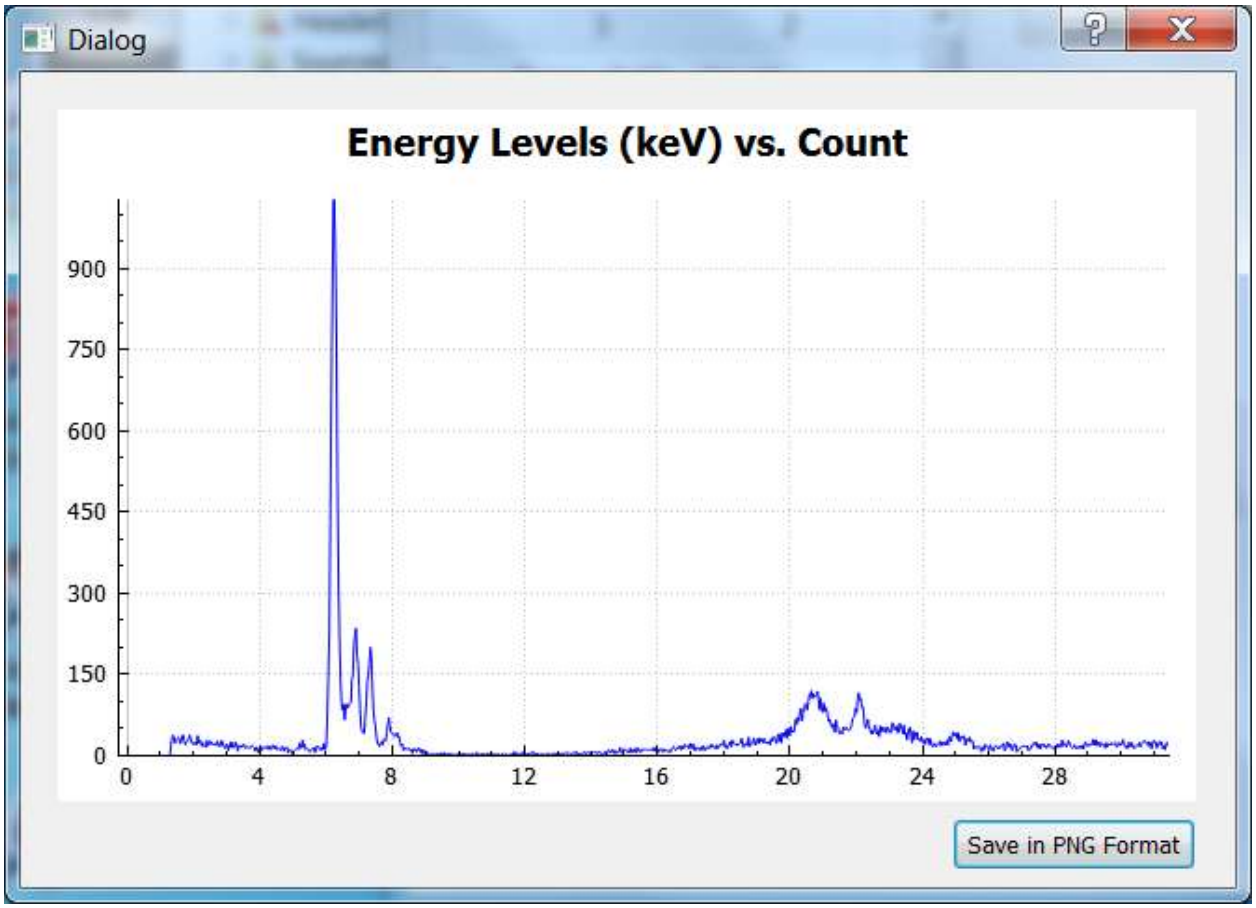
4. After successfully loading ModelViewProj.pro, go ahead and build (~1 min) and run the project.



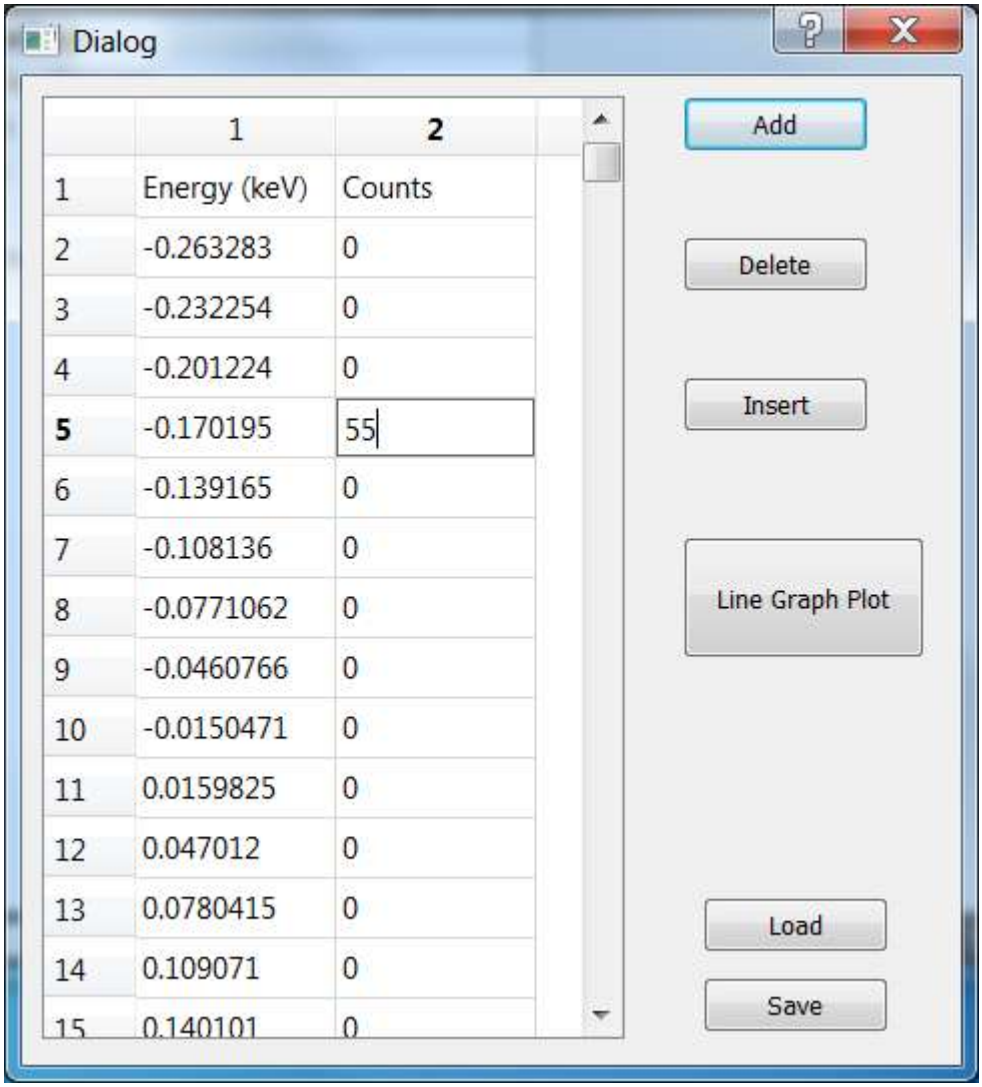
5. Once program starts you'll see the following dialog box pop up on your window screen.



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.

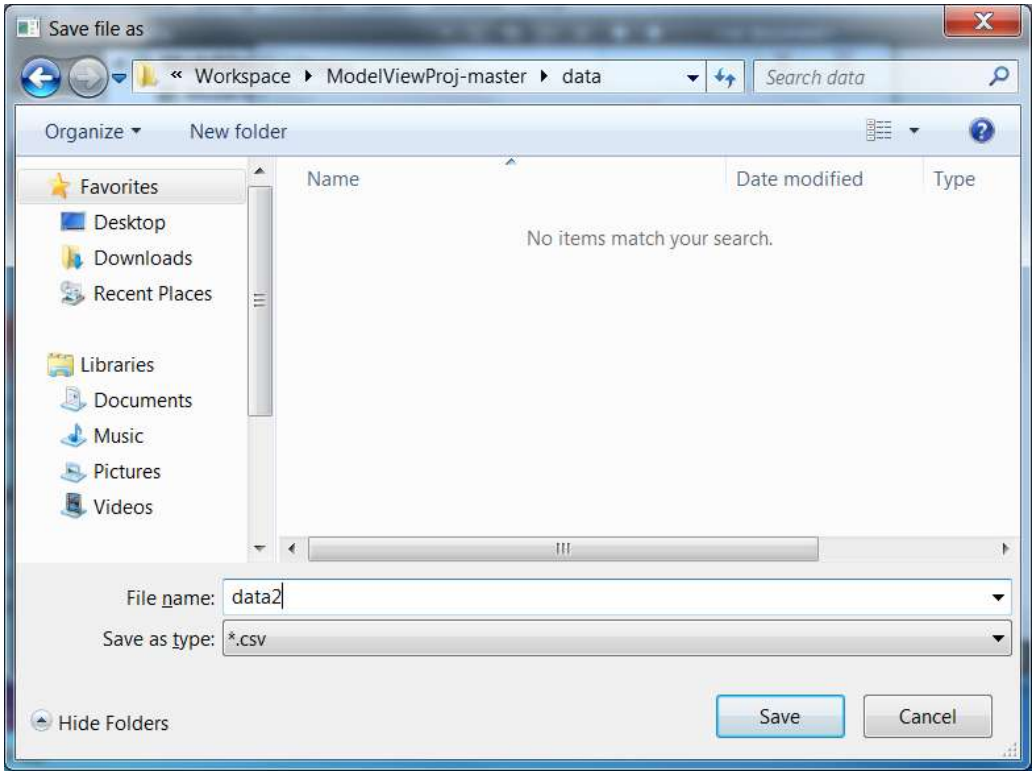


7. To alter the data entries, close the plot window, and simply select the add, insert and delete button. You may even click on the table itself and manually enter a new value.



	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

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