

Introductions

link: https://github.com/Pilab-XMU/XMe_DataAnalysis

basic analysis

1. download

address: https://github.com/Pilab-XMU/XMe_DataAnalysis/releases

Download the latest version of the exe file from github and place it in the local directory (preferably an English path).

23 days ago
Pilab-XMU
v1.0.2
7069ff3
Compare

Fix bug, add module Latest

1. fix basic bug , detail in commit
2. fix psd unit bug
3. add single trace module

▼ Assets 5

BasicAnalysis.exe	90.1 MB
PSDStaticAnalysis.exe	95.2 MB
SingleTraceAnalysis.exe	58 MB
Source code (zip)	
Source code (tar.gz)	

22 Dec 2021
Pilab-XMU
v1.0.1
b09c2b4
Compare

Fix psdStatic bug, add ellipse fitting

1. change README.md
2. psd static add save func

► Assets 3

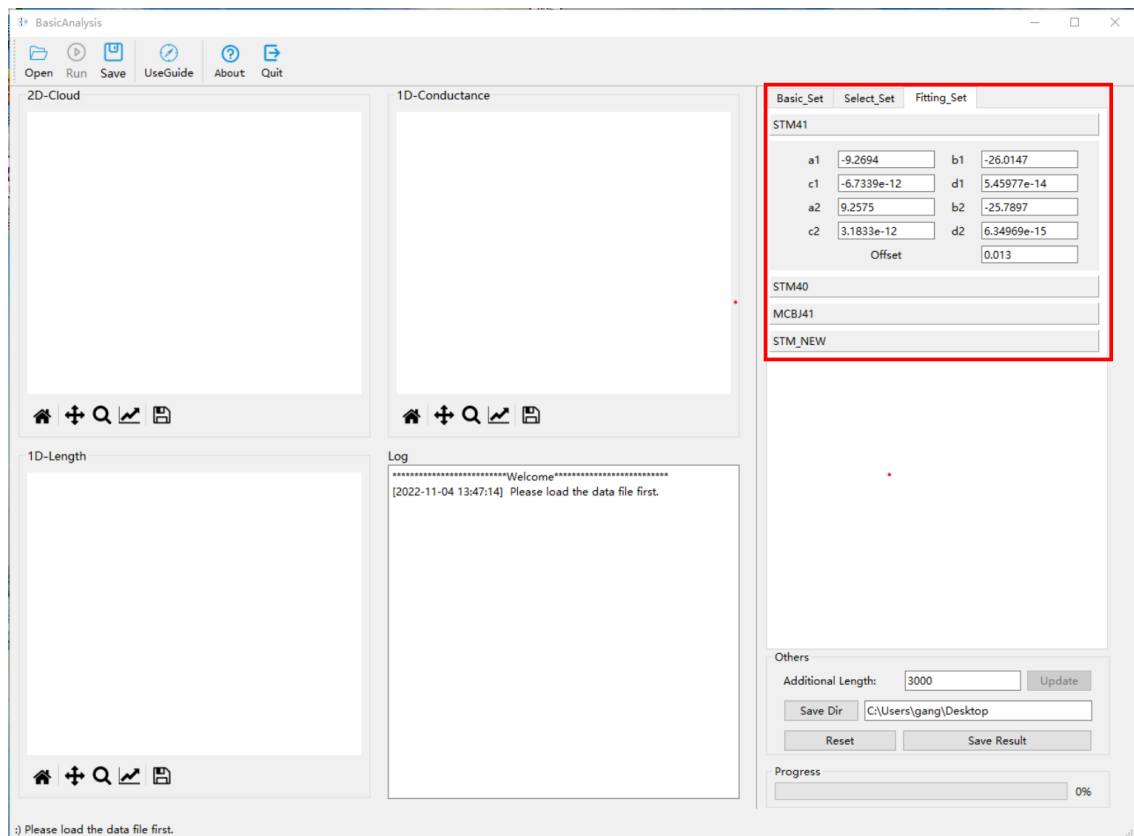
2. Start

After downloading, the program can be started without installation.

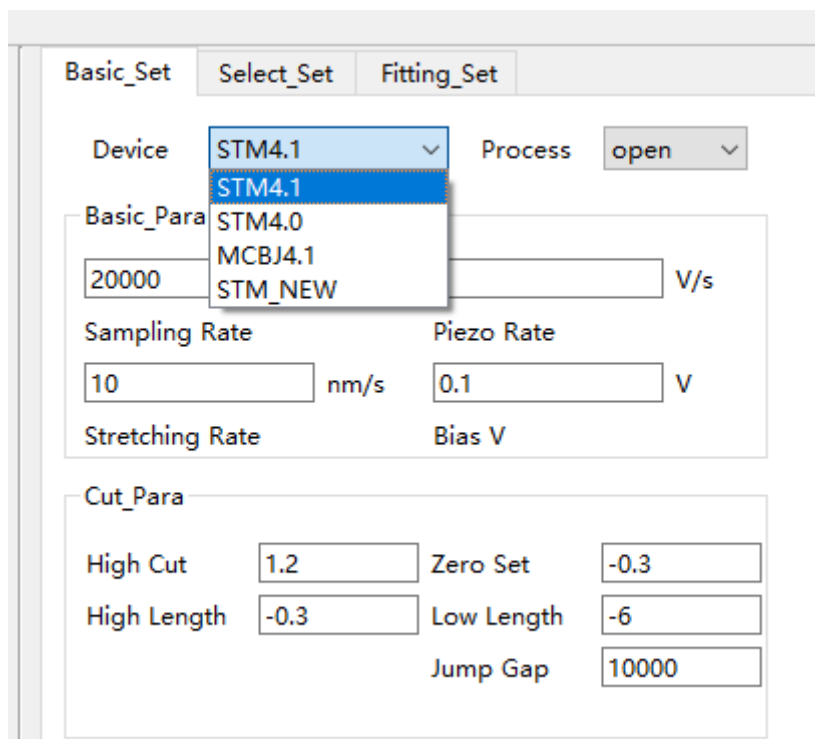
名称	修改日期	类型	大小
Log	2022/3/23 11:00	文件夹	
BasicAnalysis.exe	2022/3/23 10:59	应用程序	92,242 KB
config.ini	2022/3/23 11:00	配置设置	2 KB

3. Set fitting parameters

- Please select the appropriate instrument and modify the fitting parameters in **Fitting_Set** panel.

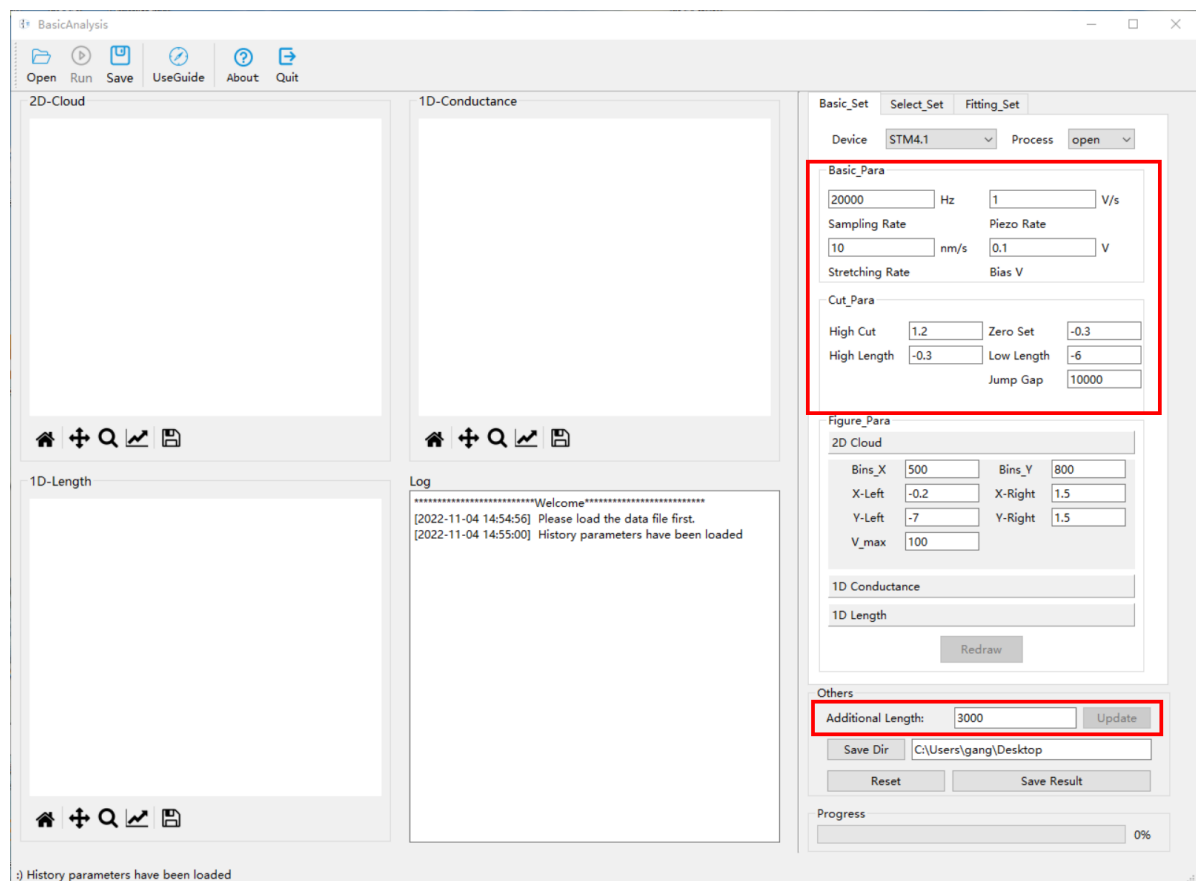


- And then you must select the corresponding instrument in the **device** option of the **Basic_Set** panel.



4. Set processing parameters

- Please modify the parameters of the two parts in the following figure as needed.

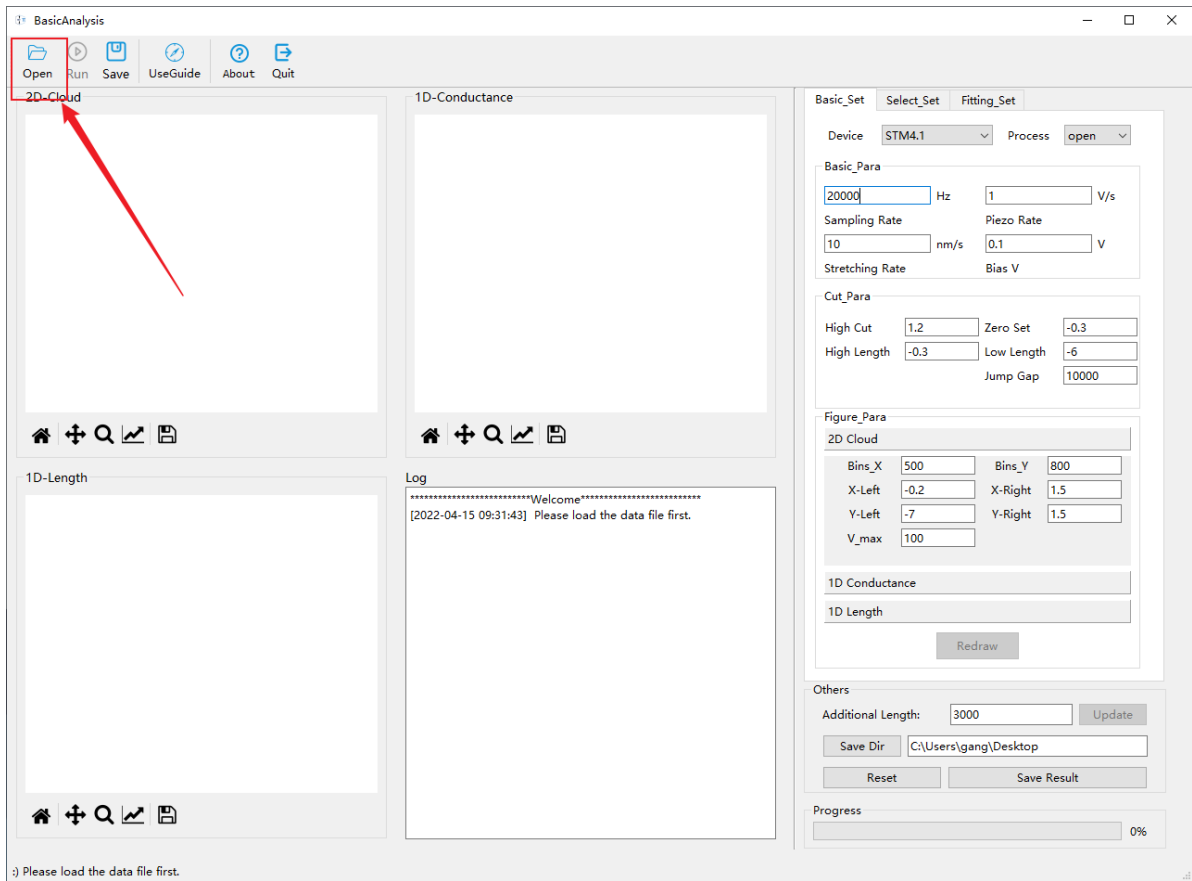


- Sometimes there are many messy data in the 2D graph obtained, in this case, you can adjust the parameters in the **Select_Set** panel.

Basic_Set		Select_Set		Fitting_Set	
Start1	-2	Low Limit1	-55		
End1	-3	Upper Limit1	55		
Start2	-4	Low Limit2	-55		
End2	-6	Upper Limit2	55		
All Treace:				Select Option	
Selected Treace:				<input type="radio"/> open	
Ratio:				<input checked="" type="radio"/> close	

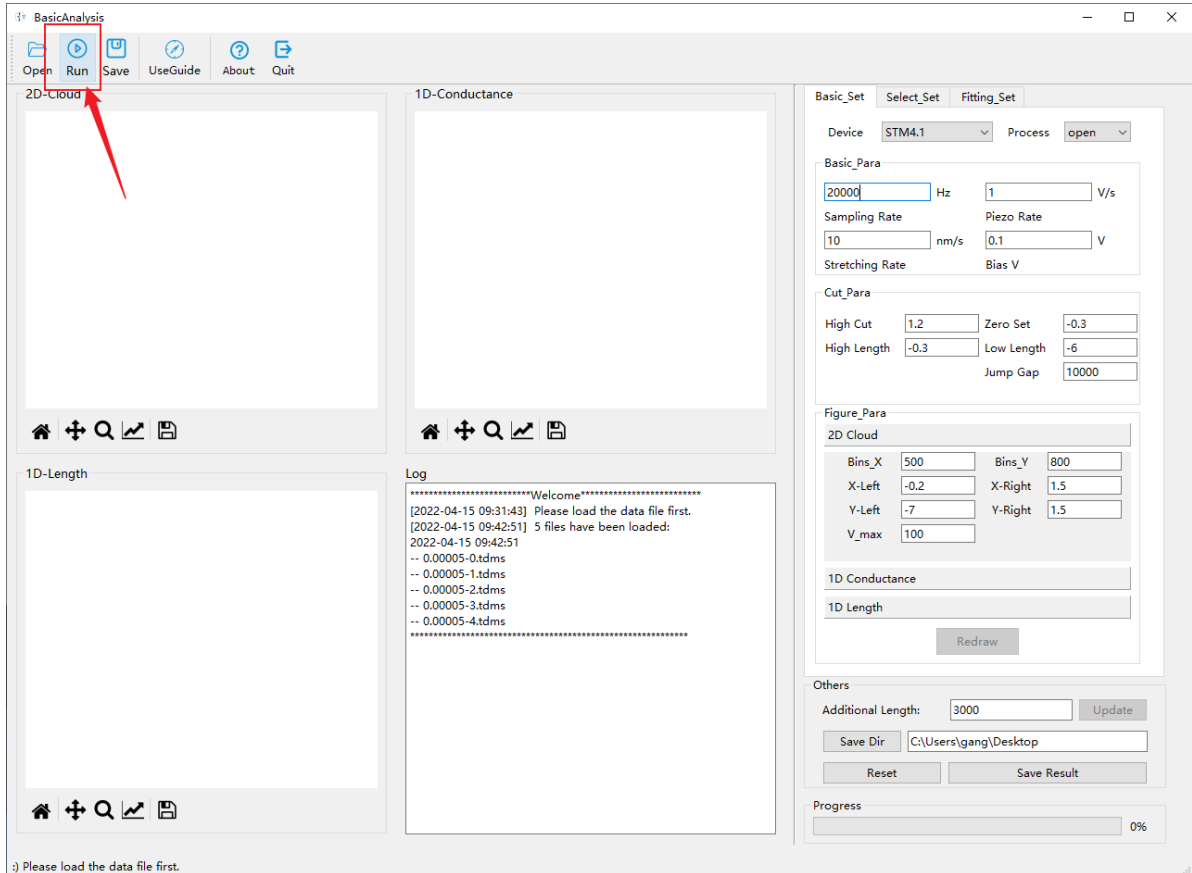
5. Load data

- Click the **open** button and select the files you want to process.



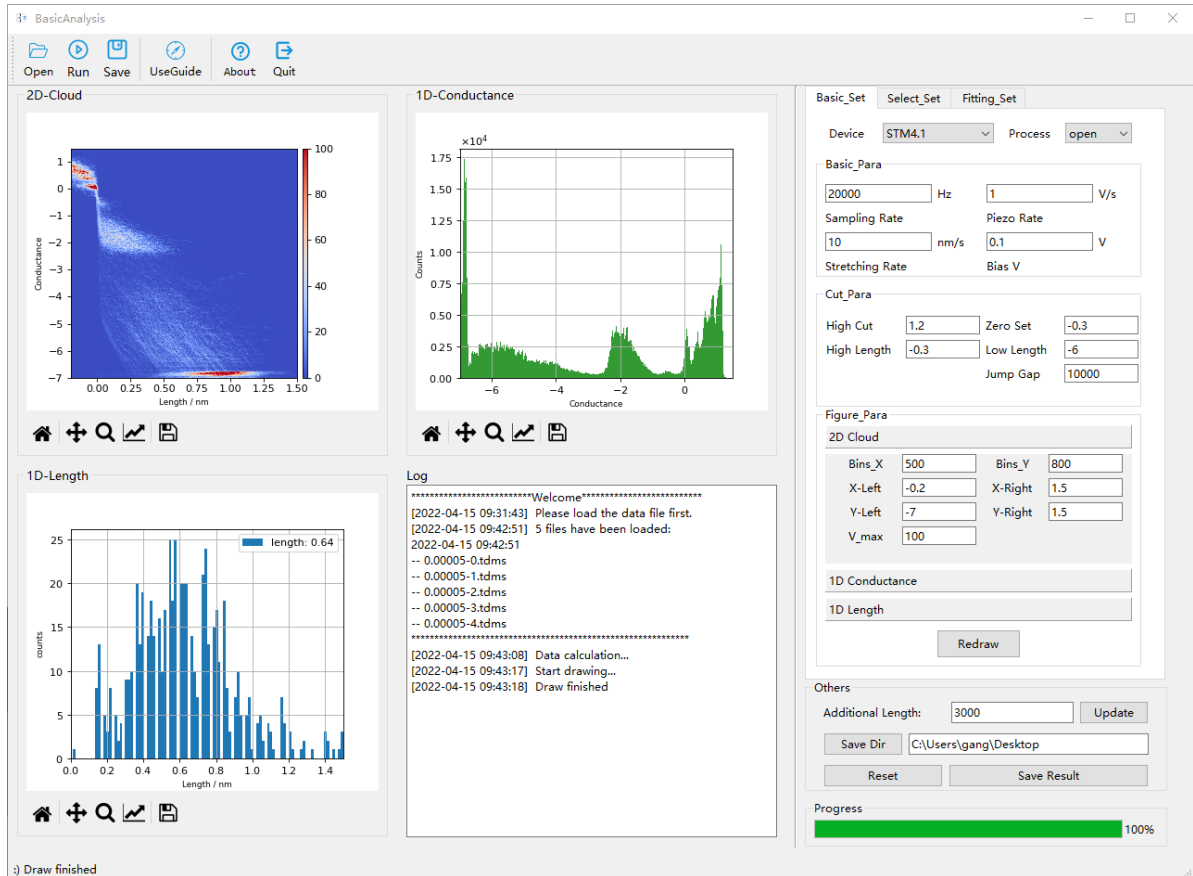
6. Run

- After setting parameters and loading data, click **run** button to start process.

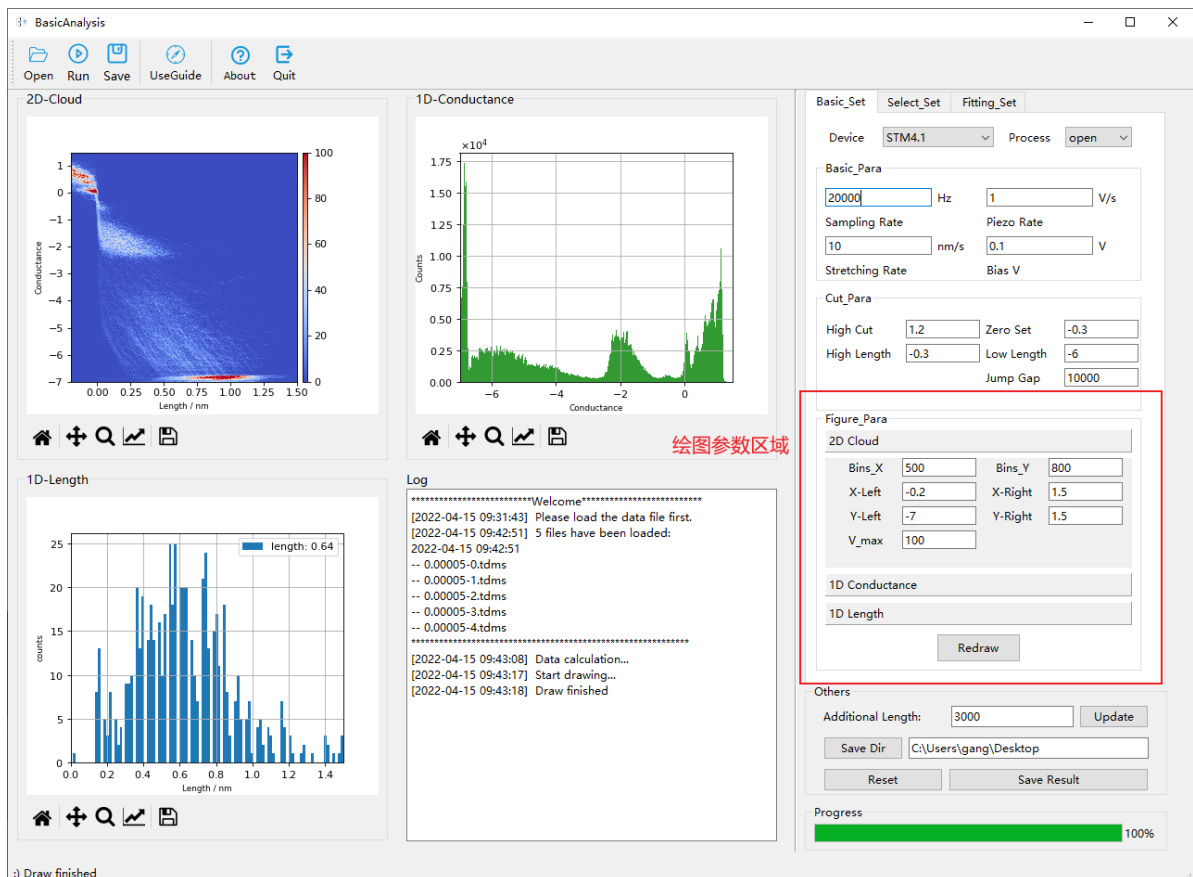


7. Adjust drawing parameters

- The results obtained by running directly are as follows, which may need to be adjusted

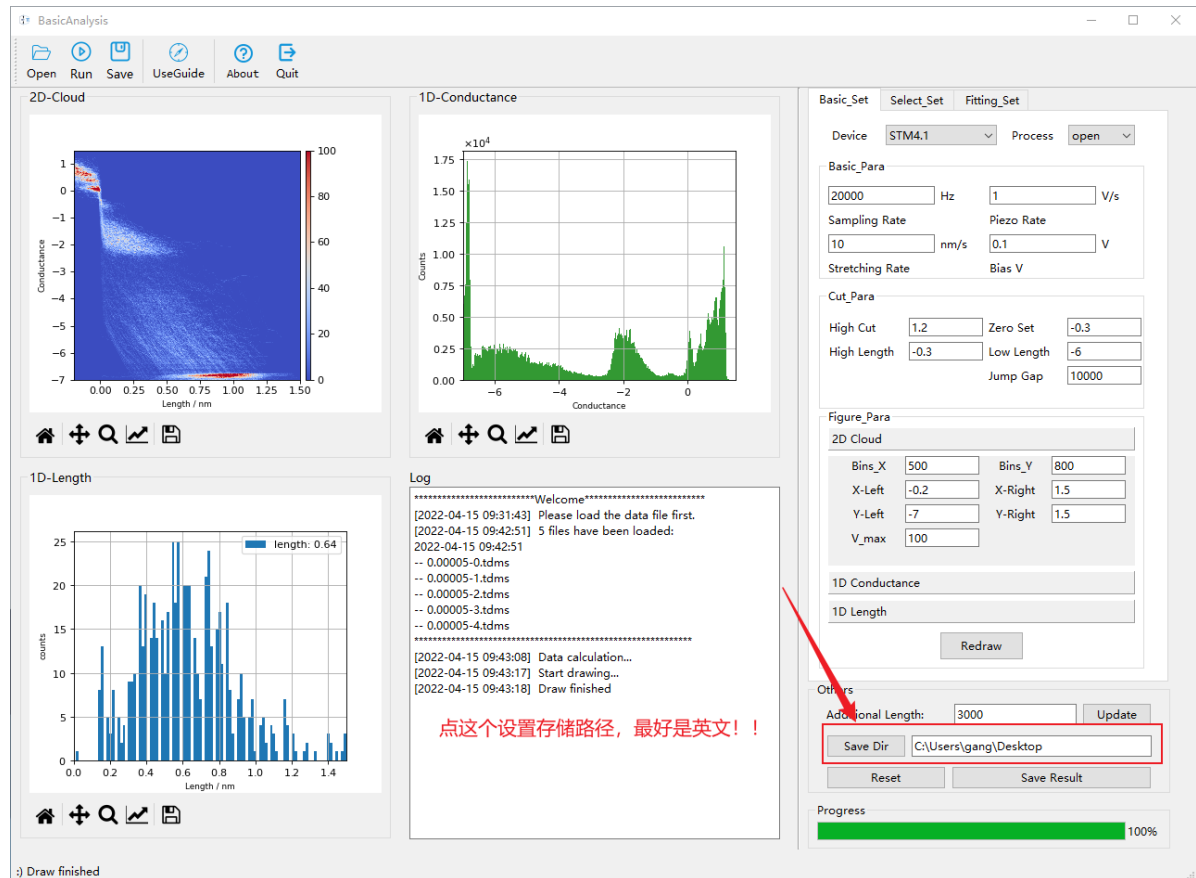


- You just need to adjust the parameters of the **Figure_Para** area and click the **Redraw** button, no need to start from scratch.



8. Save results

- Please set the storage path first, and then click the **Sava Result** button.



- Example of saving results:

!image-20220415095114656](Guide.assets/image-20220415095114656.png

名称	修改日期	类型	大小
Analysis	2021/11/10 15:59	文件夹	
Goodtrace	2021/11/10 15:58	文件夹	
Images	2021/11/10 15:58	文件夹	
Single_Trace	2021/11/10 15:58	文件夹	