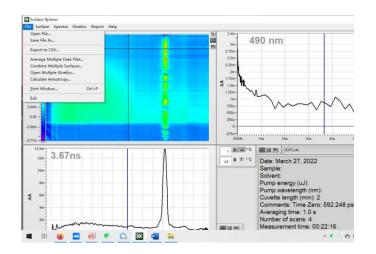
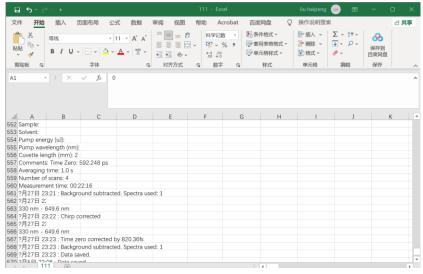
1、安装 SurfaceXplorer 软件,并打开原始数据,选择 File-Export CSV 导出 EXCEL 数据表:



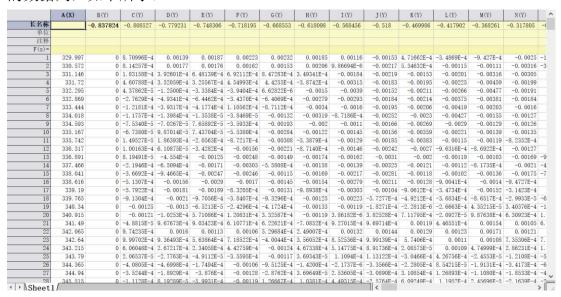
2、打开 EXCEL 数据表,如下所示,图中第一行(红色字体)为延迟时间,单位为 ps; 图中第一列(黄色字体)为探测波长,单位为 nm,将除第一行(红色字体)以外的所有数据复制粘贴到 origin(本次演示使用的是 origin 2021 版本,其他版本操作可以以此类推)



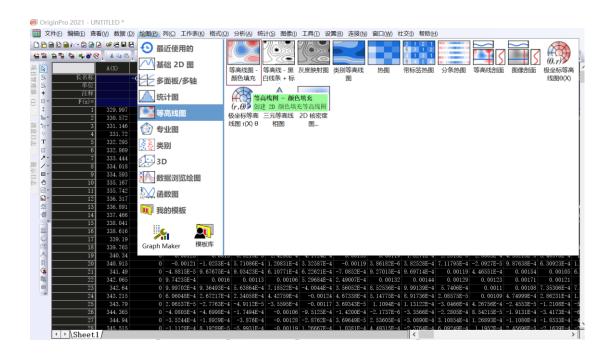
注意: Excel 最下面有测试参数信息,这个需要删除,不要将其复制到 origin 中

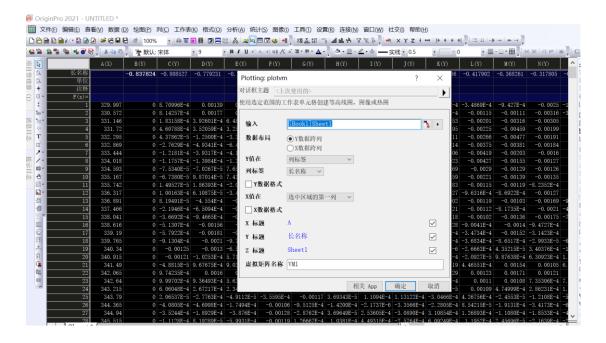


3、Excel 中的数据复制到 origin 中,其中第一行数据(红色字体)复制粘贴到 origin 长名称那一列,将除第一行(红色字体)以外的所有数据复制粘贴到 origin 的数据列,如下所示:

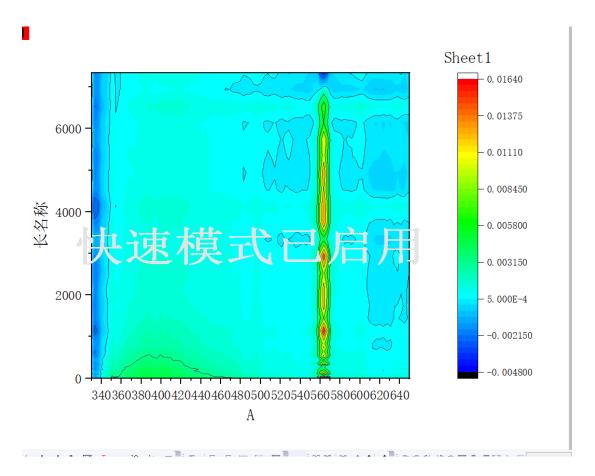


4、全选数据,选择绘图-等高线图,在弹出的对话框中(Plotting-plotvm)选择Y轴跨列,Y值在列标签,列标签-长名称,选择情况如图所示:

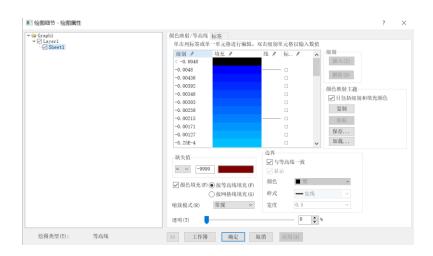




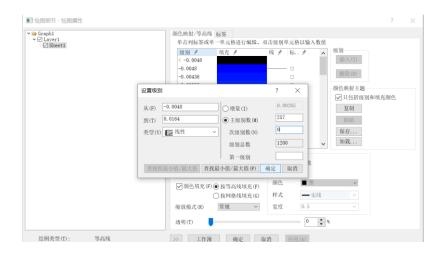
5、点击确定后,得到下图,图中央的快速模式已启用字样暂时忽略,后面可以进行去除;



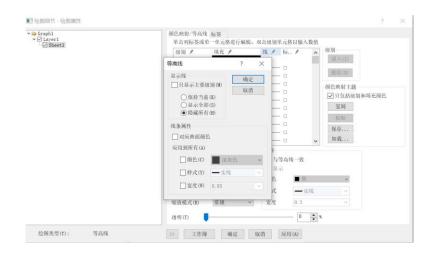
6、首先双击二维图,得到下图:



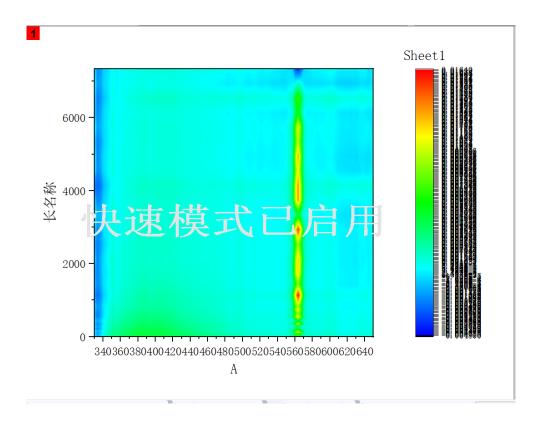
7、选择级别-设置级别-主级别数设置为257,次级别数设置为0,如图所示:



8、选择线-等高线-显示线-隐藏所有-确定,如图所示:



## 9、双击右边的色度条,色阶控制-级别-显示部分级别-n=256-应用

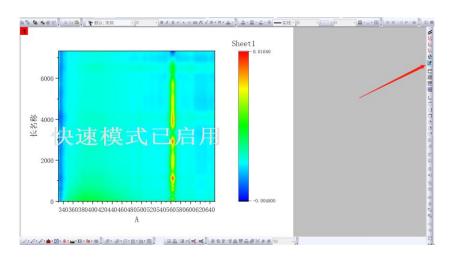


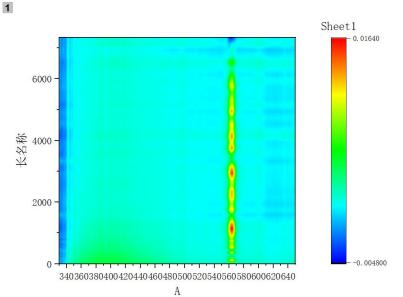
■ 色阶控制 - Layer 1			?	×
填充 级别 标签 布局 标键组和刻度线 左 右	隐藏头级别 隐藏尾级别 □ 显示范围内的级别 显示主刻度在 每n个级别显示一个主刻度,n= □ 次刻度 类型 计数	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □		
		确定 取消	应用	

10、重复步骤 6 和步骤 7,双击二维图,选择级别-设置级别-主级别数设置为 256,次级别数设置为 0,如图所示:

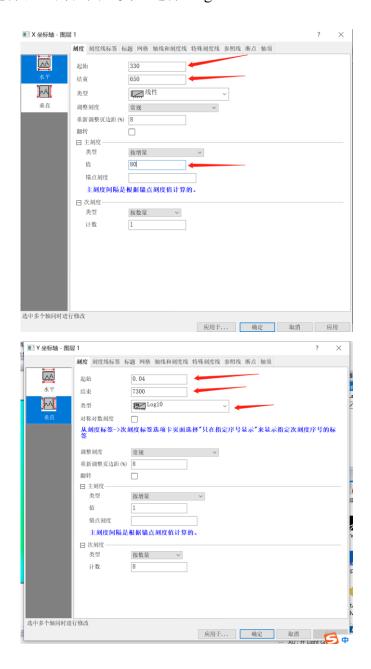


## 11、点击右边按钮,去掉图中央的快速模式已启用字样

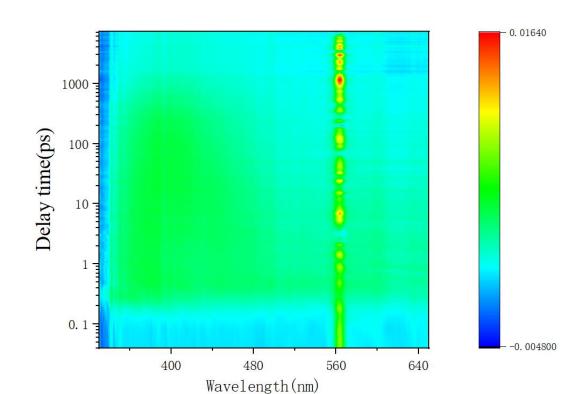


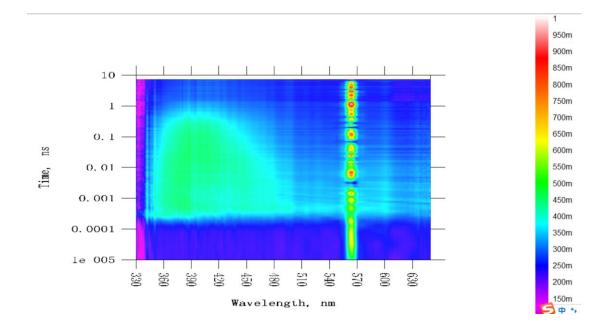


12、双击横坐标或者纵坐标,选择刻度,水平坐标轴选择合适的范围和刻度间隔,垂直坐标轴选择合适的范围,类型选择 Log10

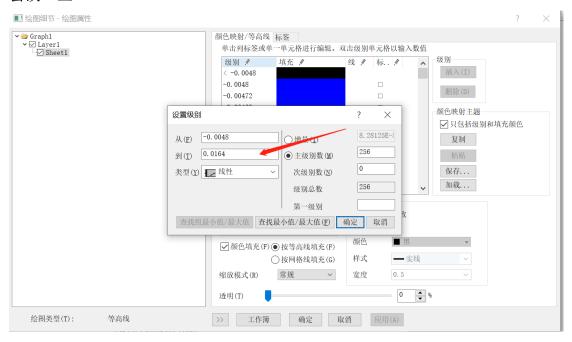


13、最后的效果图如下,为了验证,用 SurfaceXplorer 打开原始数据,选择 reportsurface-view-bird's eye-Time scale-Lagarithmic,绘制得到的图和原始图基本一致;





14、对于二维图的颜色,双击二维图-绘图细节-级别-设置级别-调节图中数值大小,可以对二维图颜色进行微调,一般数值调小颜色会鲜艳一些,数值调大颜色会淡一些



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Wavelength (nm)

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