%A=xlsread('处理2.xlsx');

%plot(A,'LineWidth',2.0);

%axis([0 240 -50 50]);

%axis square;

%set(gca,'xtick',[0 50 100 150 200 240]);

%title('MgO:0.0mg/ml','FontSize',20,'FontWeight','bold');

%xlabel('Time(s)','FontSize',20,'FontWeight','bold');

%ylabel('Temperature(\circC)','FontSize',20,'FontWeight','bold');

%legend('Distance 0mm','Distance 5mm','Distance 10mm','Distance 15mm');

A=xlsread('处理3.xlsx');

figure1 = figure;

axes1 = axes('Parent',figure1);

hold(axes1,'on');

plot1 = plot(A,'LineWidth',2,'Parent',axes1);

axis([0 240 -50 40]);

set(plot1(1),'DisplayName','Distance 0mm');

set(plot1(2),'DisplayName',' MgO:0 mg/ml,Distance 5mm');

set(plot1(3),'DisplayName',' MgO:0 mg/ml,Distance 10mm');

set(plot1(4),'DisplayName',' MgO:0 mg/ml,Distance 15mm');

xlabel('Time(s)','FontWeight','bold');

ylabel('Temperature(\circC)','FontWeight','bold');

box(axes1,'on');

axis(axes1,'square');

set(axes1,'FontSize',20,'FontWeight','bold','LineWidth',2,'XTick',...

[0 50 100 150 200 240],'YTick',[-50 -40 -30 -20 -10 0 10 20 30 37 40]);

legend1 = legend(axes1,'show');

set(legend1,'FontSize',16);

A=xlsread('1.xlsx');

figure1 = figure;

axes1 = axes('Parent',figure1);

hold(axes1,'on');

plot1 = plot(A,'LineWidth',2,'Parent',axes1);

axis([0 240 -10 40]);

set(plot1(1),'DisplayName',' MgO:0 mg/ml,Distance -5mm ');

set(plot1(2),'DisplayName',' MgO:0 mg/ml,Distance 5mm');

xlabel('Time(s)','FontWeight','bold');

ylabel('Temperature(\circC)','FontWeight','bold');

box(axes1,'on');

axis(axes1,'square');

set(axes1,'FontSize',20,'FontWeight','bold','LineWidth',2,'XTick',...

[0 50 100 150 200 240],'YTick',[-10 0 10 20 30 37 40]);

legend1 = legend(axes1,'show');

set(legend1,'FontSize',16);