```
input220exp = Import["/Users/dns/OneDrive/Masters/SCI/FN/diby_spertion/SI_220.0011.dat", {"Table"}];
input440exp = Import["/Users/dns/OneDrive/Masters/SCI/FN/diby_spertion/SI_440.0051.dat", {"Table"}];
input660exp = Import["/Users/dns/OneDrive/Masters/SCI/FN/diby_spertion/SI_660.0061.dat", {"Table"}];
input220theor = Import["/Users/dns/OneDrive/Masters/SCI/FN/diby_spertion/220_theor.dat", { "Table" }];
input 440 theor = Import["/Users/dns/OneDrive/Masters/SCI/FN/diby\_spertion/440\_theor.dat", \{"Table"\}]; \\
input 660 theor = Import["/Users/dns/OneDrive/Masters/SCI/FN/diby\_spertion/660\_theor.dat", \{"Table"\}];
input220exp[[All,2]] = input220exp[[All,2]]/Max[input220exp[[All,2]]]; \\
input220exp[[All, 1]] = input220exp[[All, 1]] + 0.6;
input440exp[[All, 2]] = input440exp[[All, 2]]/Max[input440exp[[All, 2]]];
input440exp[[All, 1]] = input440exp[[All, 1]] - 1.5;
input660exp[[All, 2]] = input660exp[[All, 2]]/Max[input660exp[[All, 2]]];
input660exp[[All, 1]] = input660exp[[All, 1]] - 2.7;
input 220 theor[[All, 2]] = input 220 theor[[All, 2]] / Max[input 220 theor[[All, 2]]]; \\
input440theor[[All, 2]] = input440theor[[All, 2]]/Max[input440theor[[All, 2]]];
input660theor[[All, 2]] = input660theor[[All, 2]]/Max[input660theor[[All, 2]]];
input281 = Import["Itta_2_theta_8_deviation_1/2xKDO.dat", {"Table"}];
input241 = Import["Itta_2_theta_4_deviation_1/2xKDO.dat", {"Table"}];
input221 = Import["Itta_2_theta_2_deviation_1/2xKDO.dat", { "Table" }];
input121 = Import["Itta_1_theta_2_deviation_1/2xKDO.dat", { "Table" }];
```

```
input111 = Import["Itta_1_theta_1_deviation_1/2xKDO.dat", {"Table"}];
 input050505 = Import["Itta_0,5\_theta_0,5\_deviation_0,5/2xKDO.dat", { "Table" }];
 input010105 = Import["Itta_0,1\_theta_0,1\_deviation_0,5/2xKDO.dat", {"Table"}];
 input281[[All, 2]] = input281[[All, 2]]/Max[input281[[All, 2]]];
 input241[[All, 2]] = input241[[All, 2]]/Max[input241[[All, 2]]];
 input221[[All, 2]] = input221[[All, 2]]/Max[input221[[All, 2]]];
 input121[[All, 2]] = input121[[All, 2]]/Max[input121[[All, 2]]];
 input111[[All, 2]] = input111[[All, 2]]/Max[input111[[All, 2]]];
 input050505[[All, 2]] = input050505[[All, 2]]/Max[input050505[[All, 2]]];
 input010105[[All, 2]] = input010105[[All, 2]]/Max[input010105[[All, 2]]];
         (Si[220], \theta = 10.6436)
 \{\text{ListLinePlot}[\{\text{input220exp}, \text{input220theor}\}, \text{Filling} \rightarrow \text{Axis}, \text{PlotLegends} \rightarrow \{\text{""}, " (\text{Si}[220], \theta = 10.6436)"\}, \}
 PlotRange \rightarrow \{0,1\}, ImageSize \rightarrow Medium],
ListLinePlot[\{input440exp, input440theor\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{``, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{``, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{``, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{``, " (Si[440], \theta = 21.679)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow Axis, P
 PlotRange \rightarrow \{0,1\}, ImageSize \rightarrow Medium],
 ListLinePlot[\{input660exp, input660theor\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{```, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{``, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{``, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow \{``, " (Si[660], \theta = 33.650)"\}, Filling \rightarrow Axis, PlotLegends \rightarrow Axis, PlotLegends
 PlotRange \rightarrow \{0, 1\}, ImageSize \rightarrow Medium]\}
 \left\{ ,,,,\right\}
```

 $\begin{aligned} &\{ \text{ListLinePlot}[\{ \text{input660exp, input281} \}, \text{Filling} \rightarrow \text{Axis, PlotLegends} \rightarrow \{\text{```}, \text{``}(\partial \theta = 2; \partial \eta = 8; \partial \vartheta = 1-\text{'})\text{''} \}, \text{PlotEnterplot}[\{ \text{input660exp, input241} \}, \text{Filling} \rightarrow \text{Axis, PlotLegends} \rightarrow \{\text{```}, \text{``}(\partial \theta = 2; \partial \eta = 4; \partial \vartheta = 1-\text{'})\text{''} \}, \text{PlotRate}(\theta) = 0. \end{aligned}$

Sample - Si[440], $\theta = 21.679$

```
ListLinePlot[{input660exp, input221}, Filling \rightarrow Axis, PlotLegends \rightarrow {"", "(\partial\theta=2; \partial\eta = 2; \partial\vartheta=1- )"}, PlotRatListLinePlot[{input660exp, input121}, Filling \rightarrow Axis, PlotLegends \rightarrow {"", "(\partial\theta=1; \partial\eta = 2; \partial\vartheta=1- )"}, PlotRatListLinePlot[{input660exp, input111}, Filling \rightarrow Axis, PlotLegends \rightarrow {"", "(\partial\theta=1; \partial\eta = 1; \partial\vartheta=1- )"}, PlotRatListLinePlot[{input660exp, input050505}, Filling \rightarrow Axis, PlotLegends \rightarrow {"", "(\partial\theta=0.5; \partial\eta = 0.5; \partial\vartheta=0.5- ) PlotRange \rightarrow {0, 1}], ListLinePlot[{input660exp, input010105}, Filling \rightarrow Axis, PlotLegends \rightarrow {"", "(\partial\theta=0.5; \partial\eta = 0.5; \partial\vartheta=0.5- ) 3"}, PlotRange \rightarrow {0, 1}]}
```