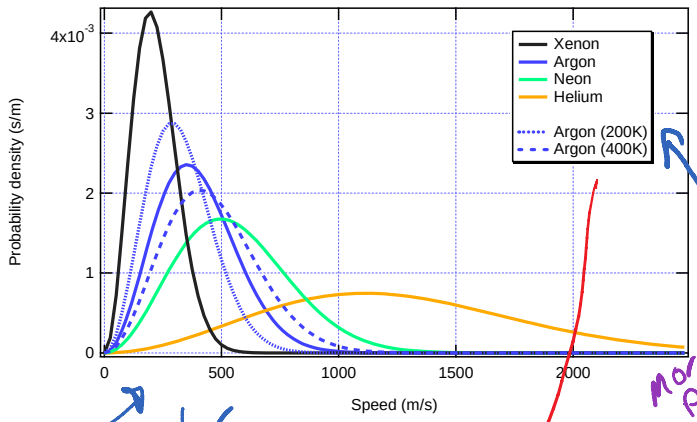
Good graphs

Tuesday, September 11, 2012
12:09 PM



Raea likes the grids

(maybe diff. color that's not a trace color)

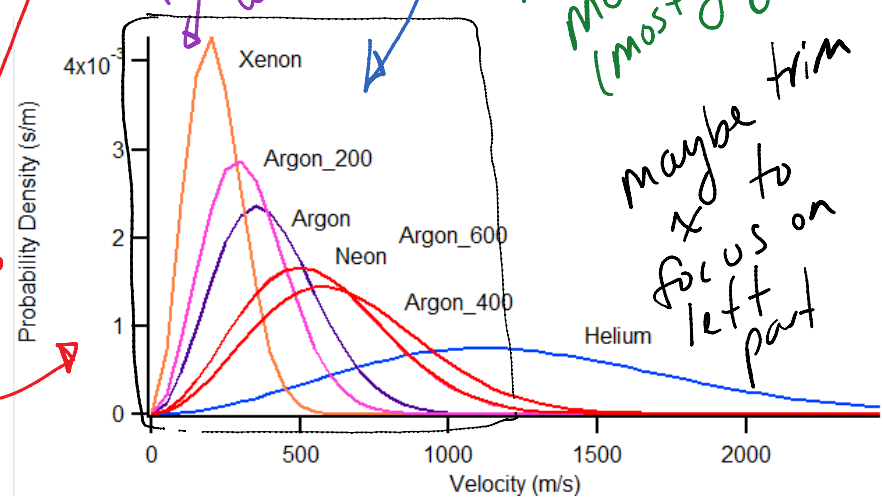
legend easier than names

+ could have more ticks (mostly y)

same color for 3 argon traces helps those relate that those have similar info

mystery temp for 1st 4 traces

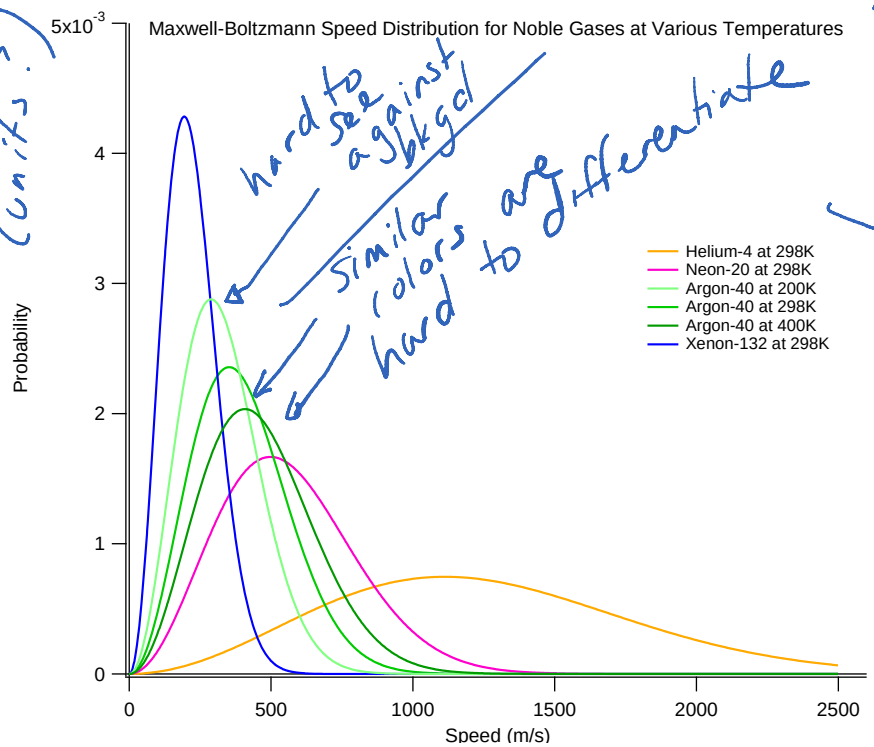
more points in curve



maybe trim x to focus on left part

title (good or bad?)

(units?)



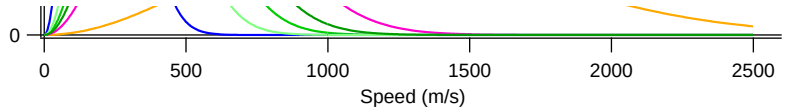
hard to see against bkgd

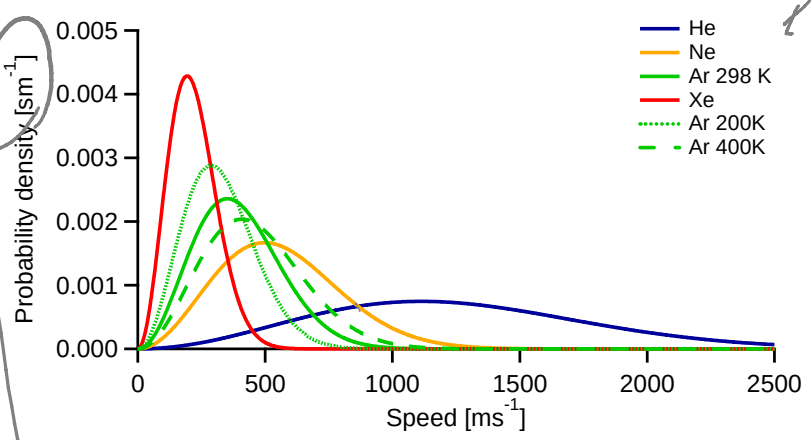
similar colors are hard to differentiate

font is small

can you print it in BW?

(line thickness)

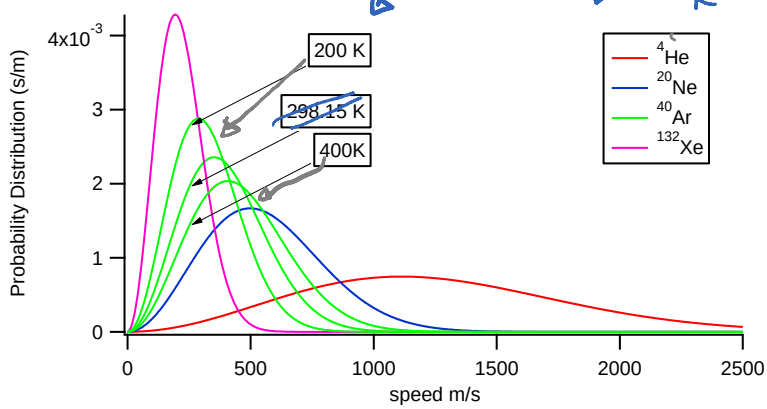


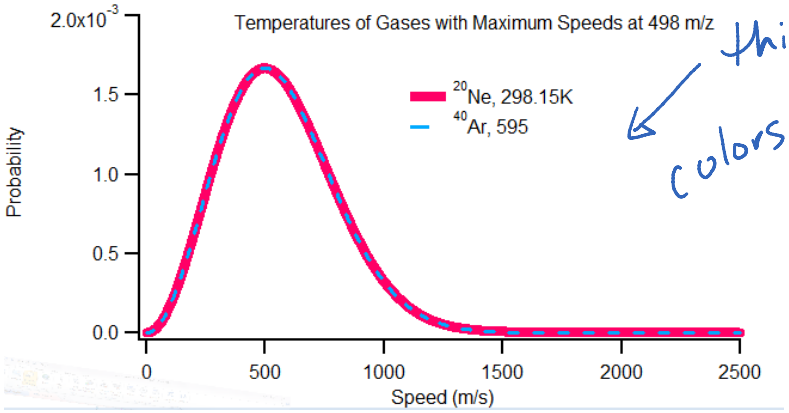


could be more explizit about T

tags (annotation)
- busier
- run remove from all 298.15 K

[sm\S-1\M]
super normal
\B subscript

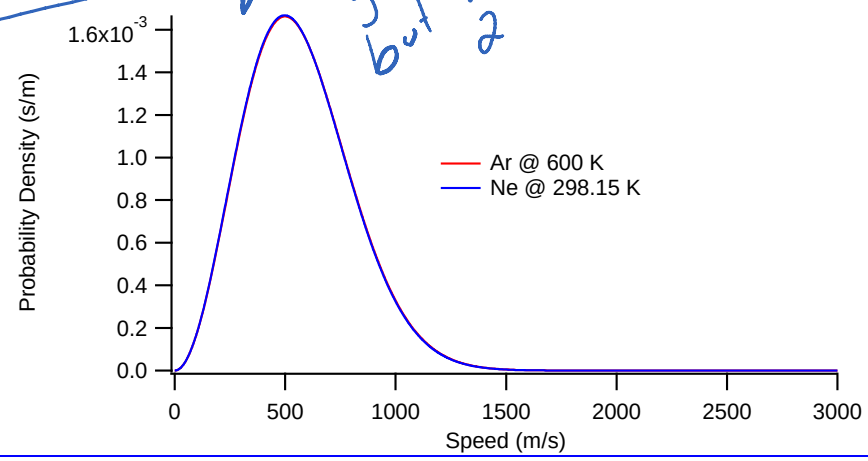


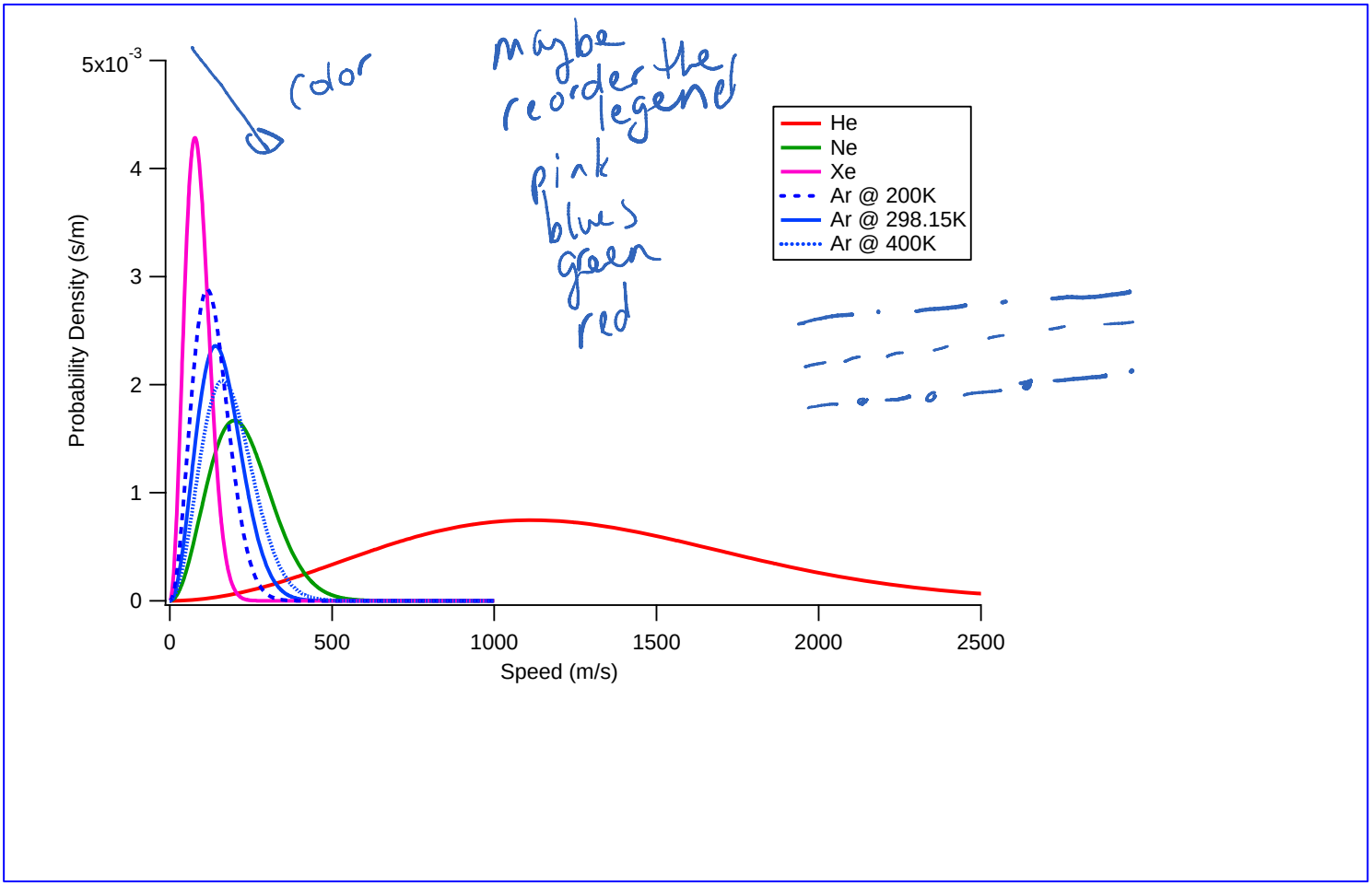


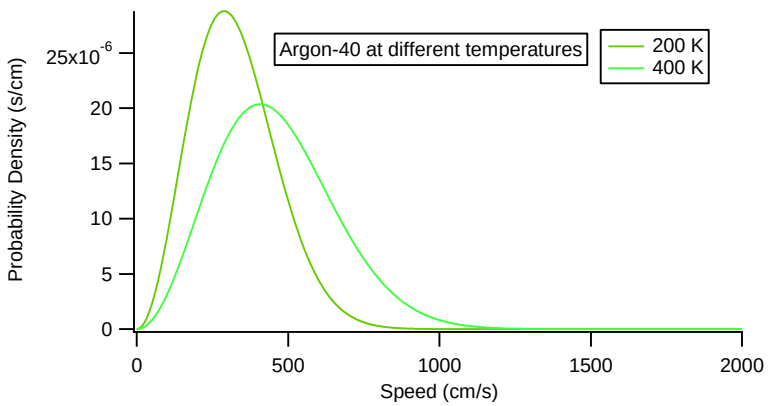
thick / thin colors are a little tough on lines

great match! but hard to see 2 lines

could offset




5x10^-3
4
3
2
1
0
Probability Density (s/m)
0
500
1000
1500
2000
2500
Speed (m/s)
He
Ne
Xe
Ar @ 200K
Ar @ 298.15K
Ar @ 400K
color
maybe reorder the legend
pink
blues
green
red

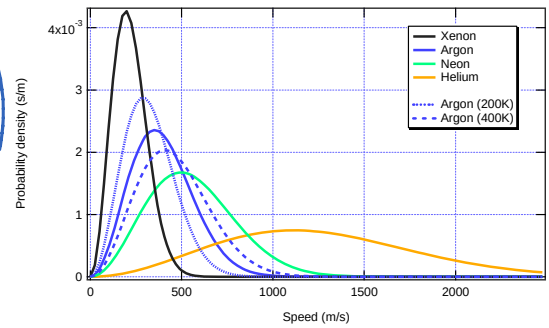


may (or may not) be better for B&W

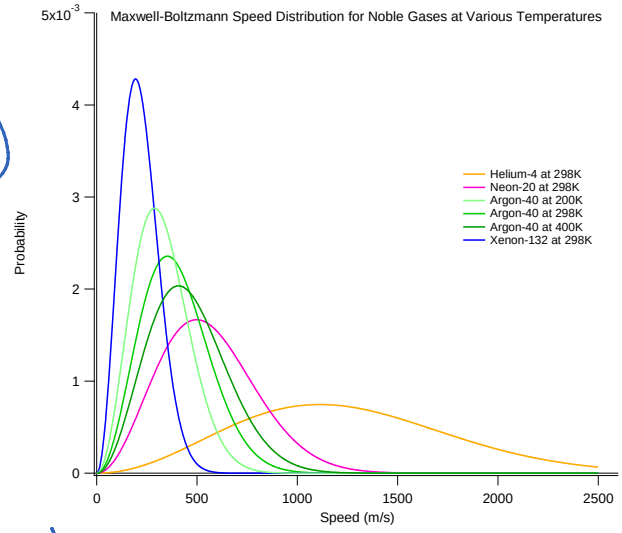
can do red-blue for hot-cold

Top 4 graphs:

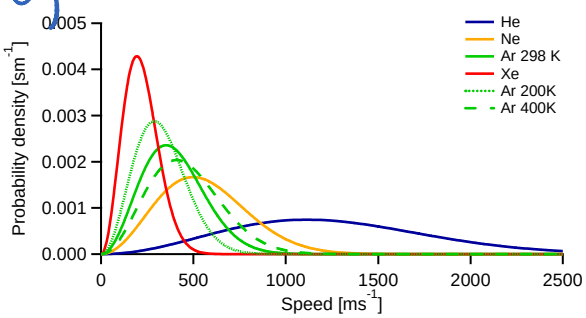
A)



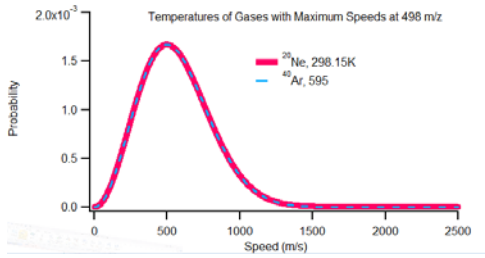
B)



C)



D)



Files in Igor

Tuesday, September 11, 2012
12:21 PM

Common Igor file types:

.ipf igor procedure file

.ipn igor procedure notebook

.pxp packed experiment

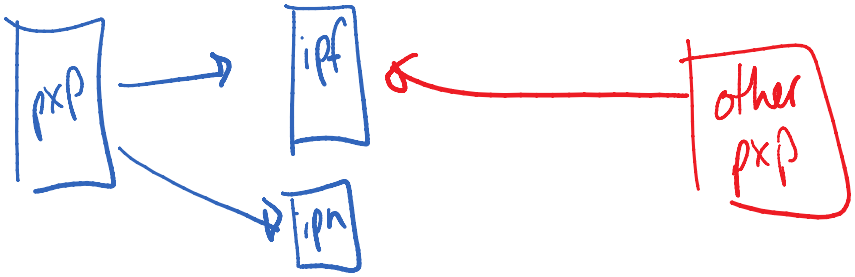
.pxt packed experiment template

.itx igor text file => data

- .ipf TO

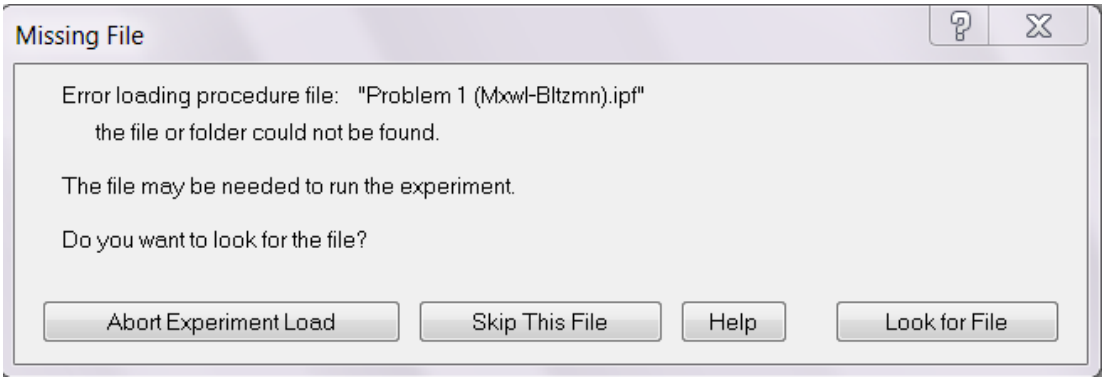
When you save from a *template* (pxt),
Igor wants you to save a **pxp** --> This is the right thing

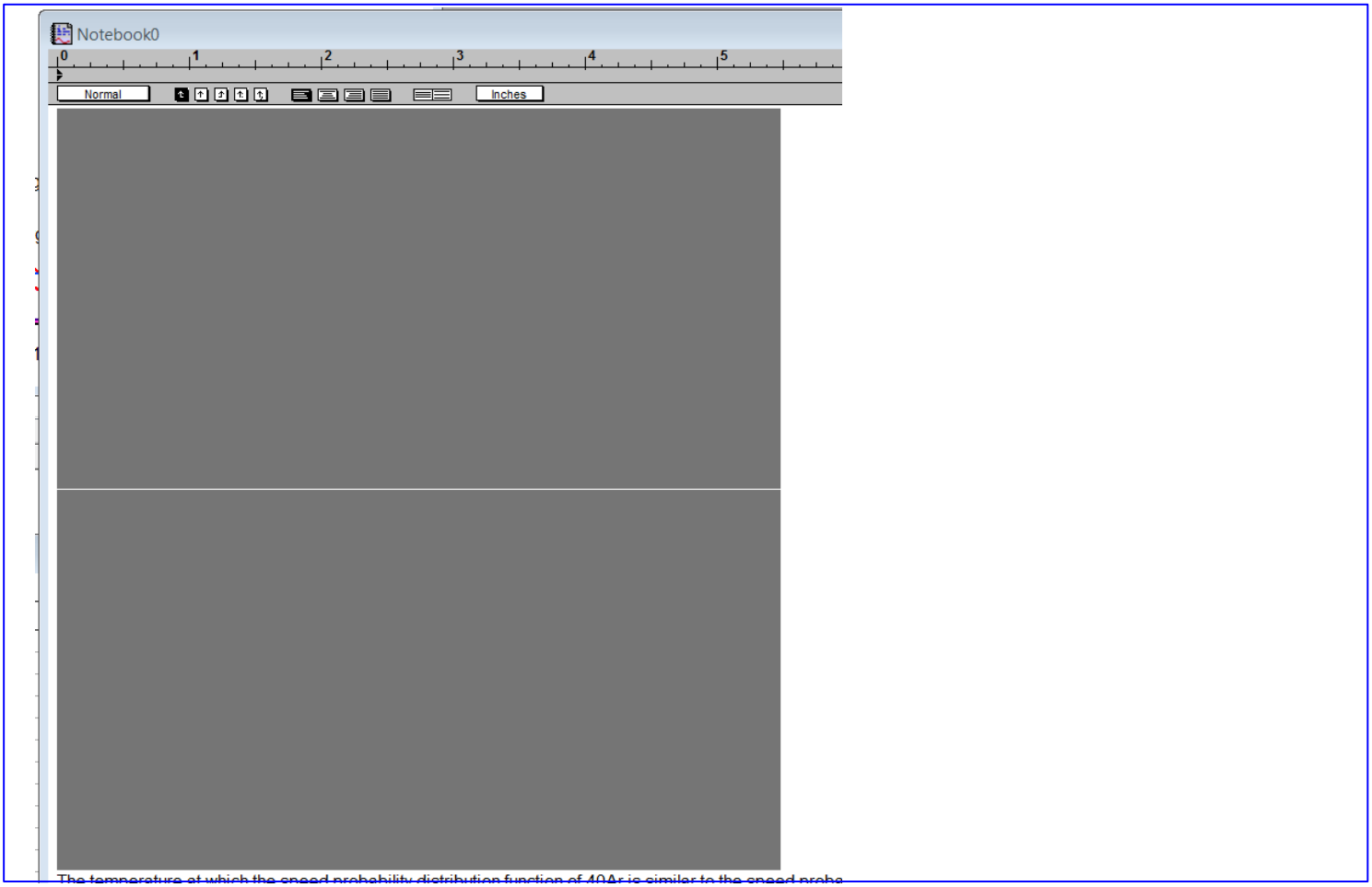
When you save a procedure file or a notebook file,
Igor separates that file from your experiment (pxp)



If you adopt a procedure or notebook file, Igor severs the link to separate file.

File → Adopt (procedure, notebook)


Missing File
Error loading procedure file: "Problem 1 (Mxwl-Bltzmn).ipf"
the file or folder could not be found.
The file may be needed to run the experiment.
Do you want to look for the file?
Abort Experiment Load
Skip This File
Help
Look for File


Notebook0
Normal
Inches
The temperature at which the speed probability distribution function of 40Ar is similar to the speed probs