



# GUIDELINES FOR RESEARCH

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# UNDERSTANDING YOUR TOPICS

- e.g:

Charged-Current Neutrino-Nucleus Scattering off the Even Molybdenum Isotopes

You can try to search keyword:

- Neutrino-nucleus interaction
- charged-current interaction in nuclei
- neutrino to Molybdenum interaction
- scattering of neutrino with heavy nuclei.

# LITERATURE RESEARCH

- Keyword search contribute a lot in the flow of your literature research.
- Summarize your paper reading activity
- Try to mind map every information you retrieve while reading the journal

# UNDERSTANDING YOUR RESULTS

- This requires details understanding of theories.
- e.g:

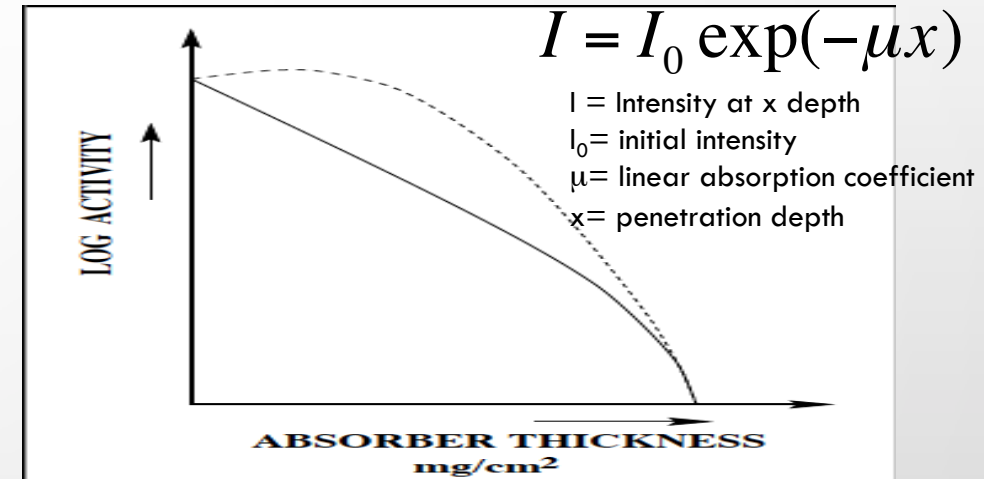
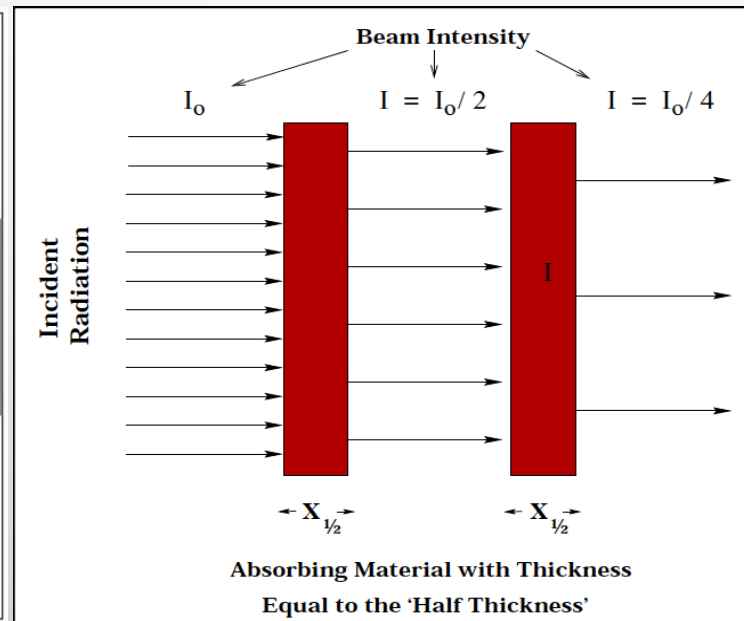
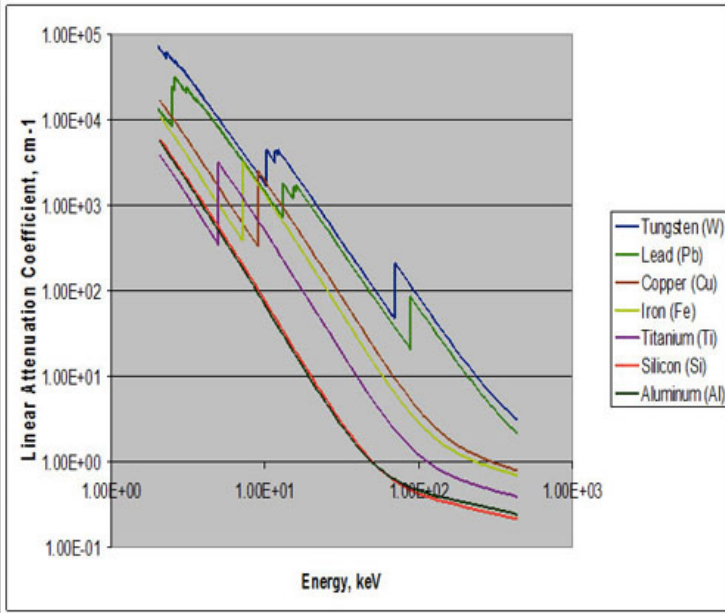


Figure 15 Deviation From Linear Absorption

The absorbing materials scatters some particles into the detector window that would not normally have entered. This causes a deviation from linear absorption as shown above and the total detected radiation is also found to vary slightly as the absorber is moved to different positions between the radiation source and detector.

# PROGRESS REPORT MEETING

- Progress report meeting will be held **every Thursday 10am** with or without my attendance.
- Chairman will be **Ain, Aisha Hamzah and Faiznur** (PhD student)
- Schedule of presentation will be announce one week before presentation.
- During the meeting, you must:
  - Report your plan for current week
  - If you think you will be absent for current week please state in the meeting
  - The chairman must:
    - record the details of the meeting and distribute by email to everyone
    - remind the presenter of the day

# PREPARING FOR PROGRESS REPORT

- The progress report must include:
  - Introduction (motivation, aim, objective) **updated every progress report meeting**
  - Methodology (technique, theory you used)
  - Results (Current findings)
  - Preliminary conclusion
  - next to do

# SUBMISSION DATELINE

- If the dateline from SPS or PSM committee is **15 November 2017**, you must submit to me at least **7 days** before **15 November 2017**.
- To make sure that you **get immediate feedback** from me, you shall come to my office **a day after sending them by email** or **come with printed version**.
- NOTE: Please beware of all datelines !!

# PRESENTATION RESOURCES

- Please send your progress report file by email to [izyan@utm.my](mailto:izyan@utm.my) in prior before presentation.
- Please find the presentation resources from:
  - <https://science.utm.my/izyanhazwani/progress-report-meeting/>