
Quantum Mechanics

Physics 237

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Announcements

- Last remote lecture.
- Next week:
 - In-person lectures
 - In-person recitations
 - In-person office hours
- Homework # 2 is due on Friday. Last homework to be submitted online.

Some more facts: earning a living from the rising sea level.



The New York Times | WORLD

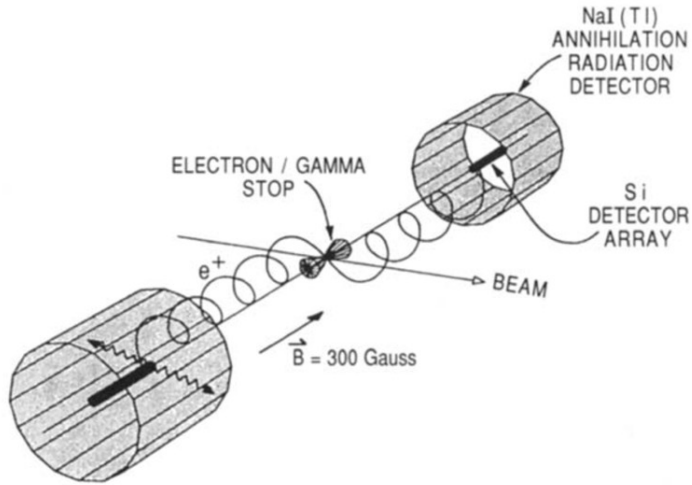
Changing Climate, Changing Cities

The Dutch Have Solutions to Rising Seas. The World Is Watching.



In the waterlogged Netherlands, climate change is considered neither a hypothetical nor a drag on the economy. Instead, it's an opportunity.

Physicists are not good business people. We invent, but do not make money.



Nuclear Instruments and Methods in Physics
Research Section A: Accelerators,
Spectrometers, Detectors and Associated
Equipment,

Volume 330, Issue 3,
20 June 1993,
Pages 447-457

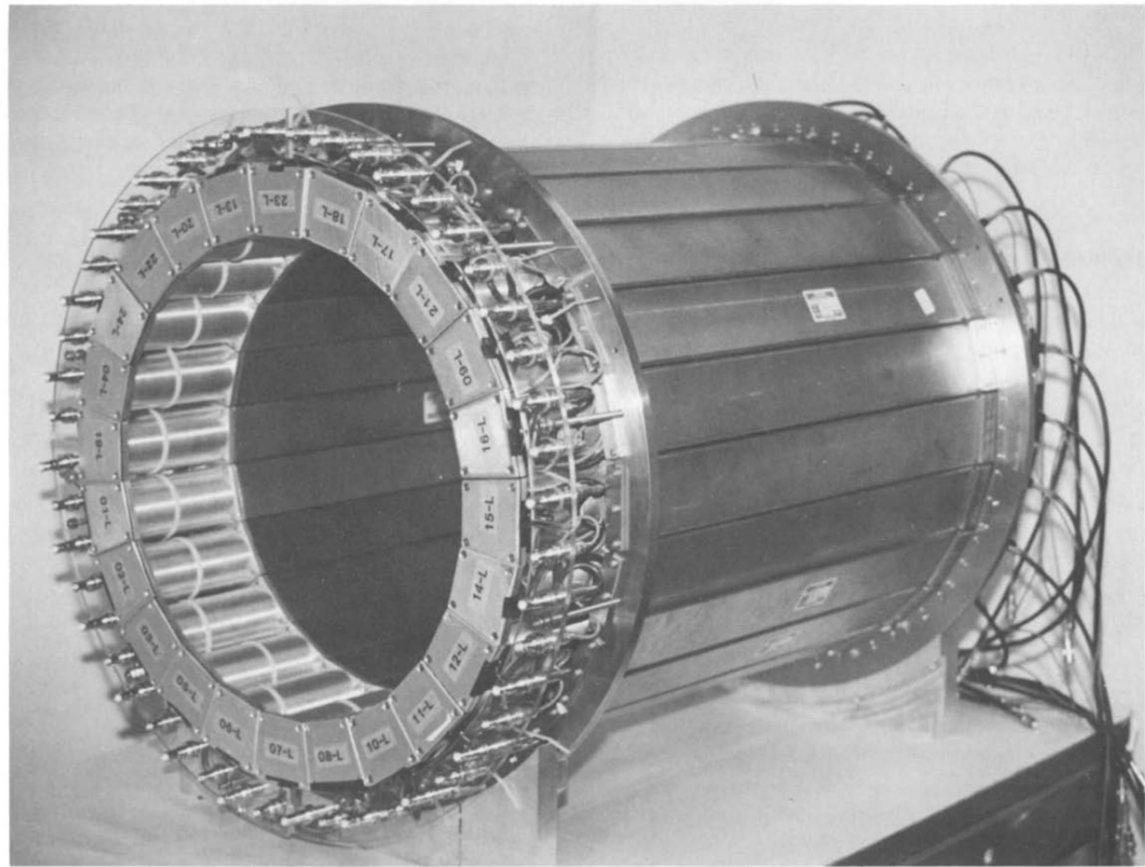
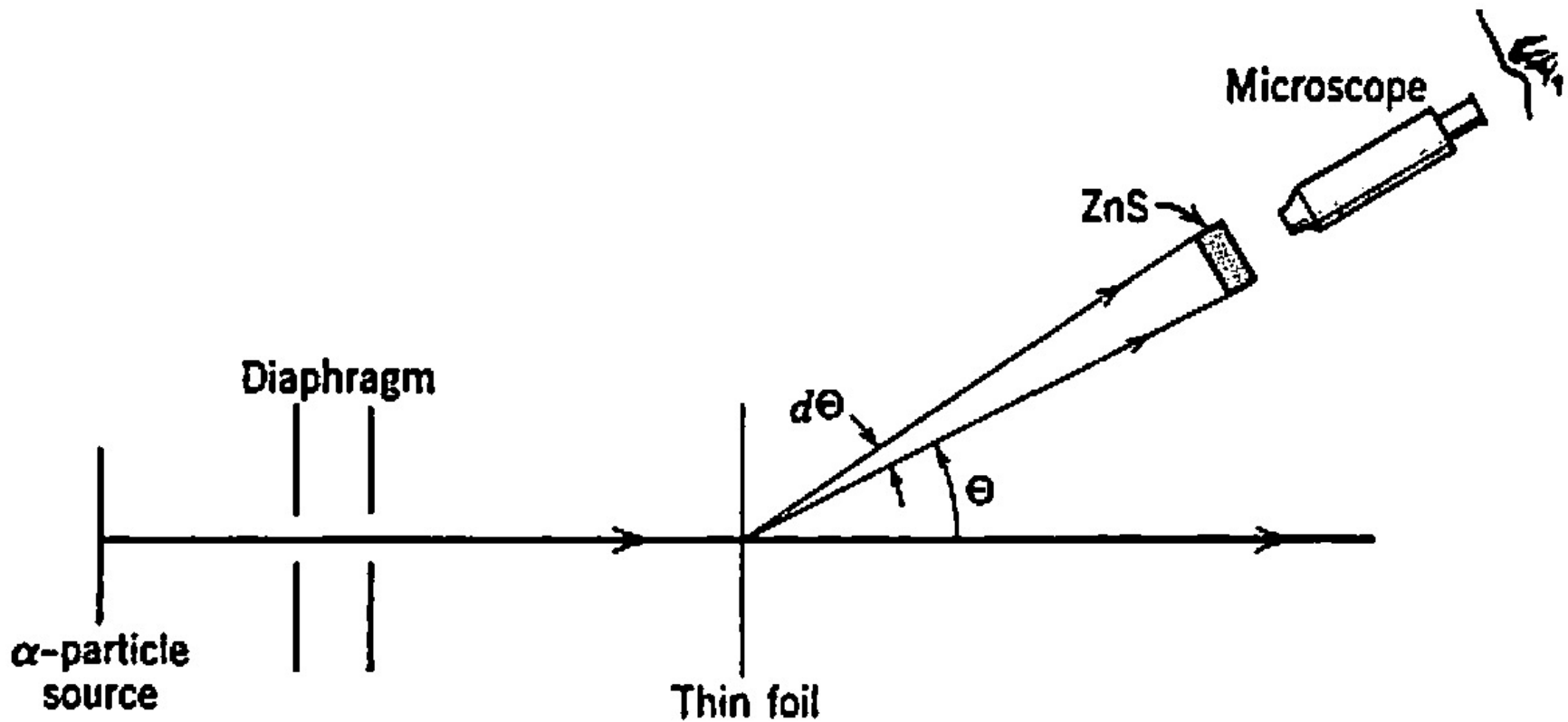
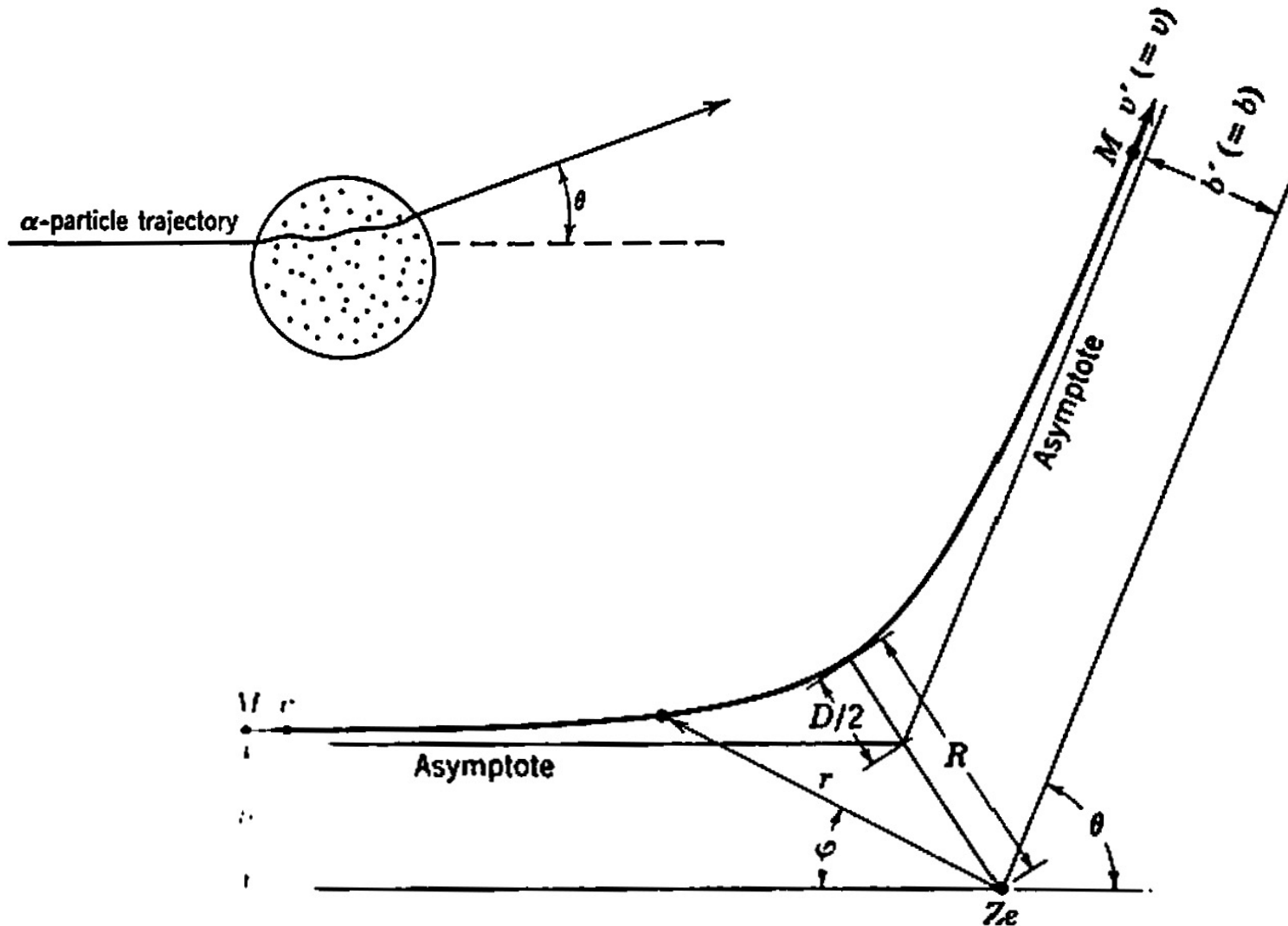


Fig. 2. An assembled NaI(Tl) detector array.

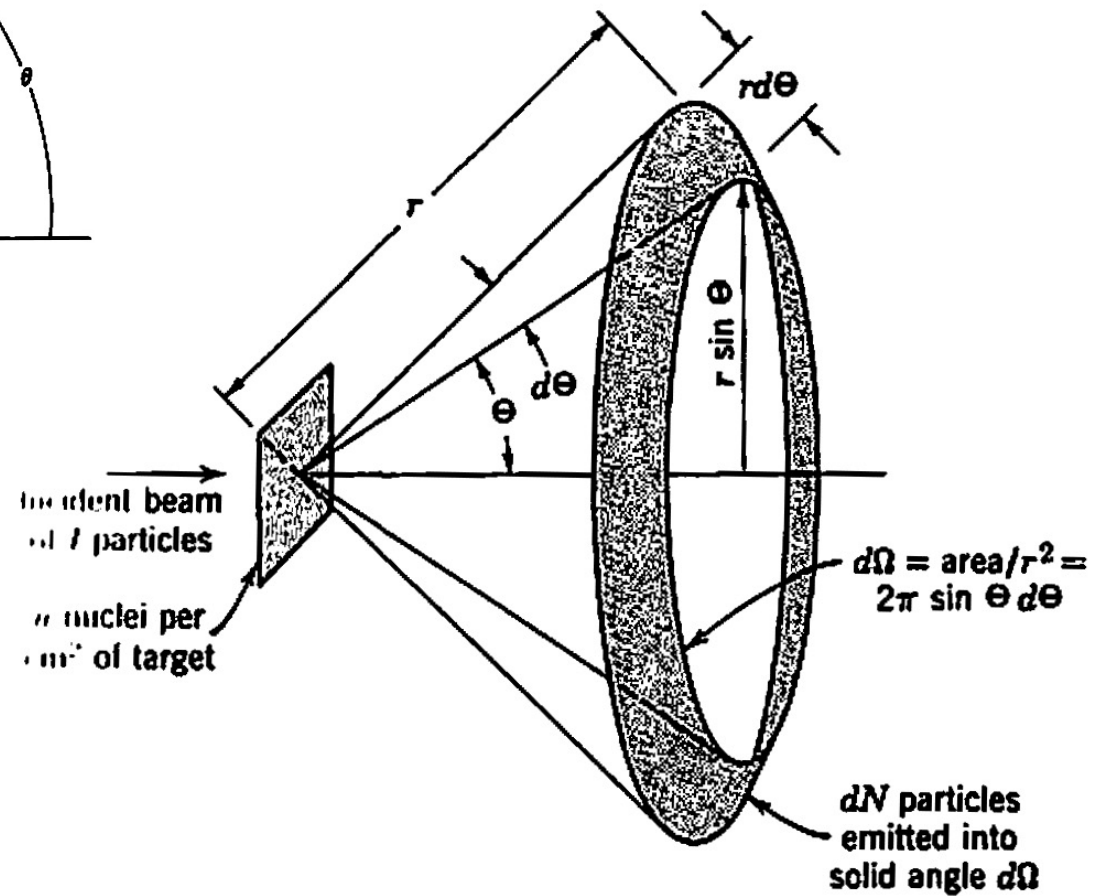
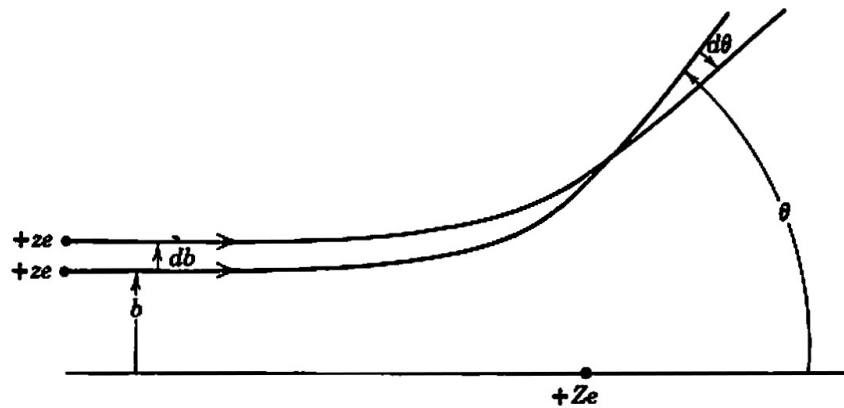
Rutherford.



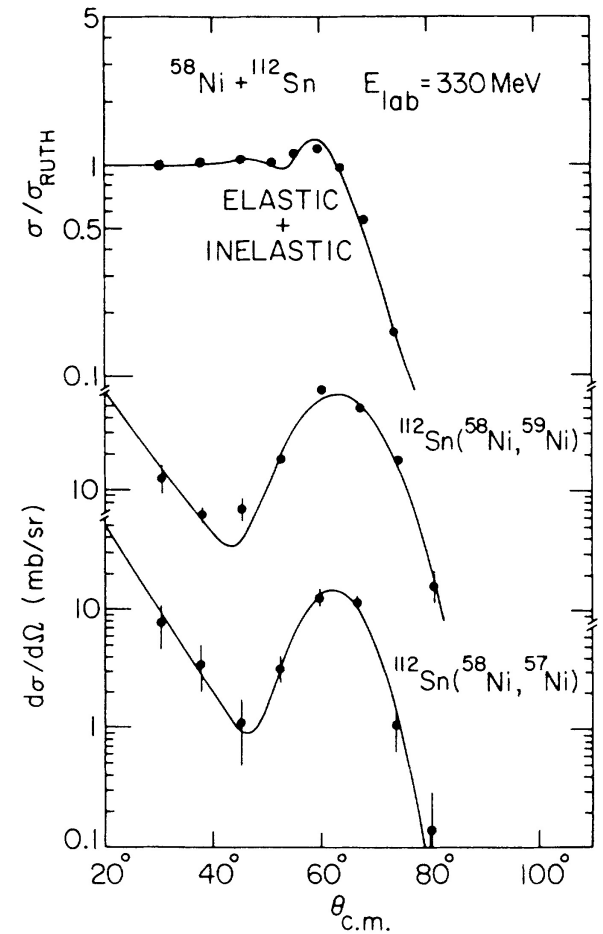
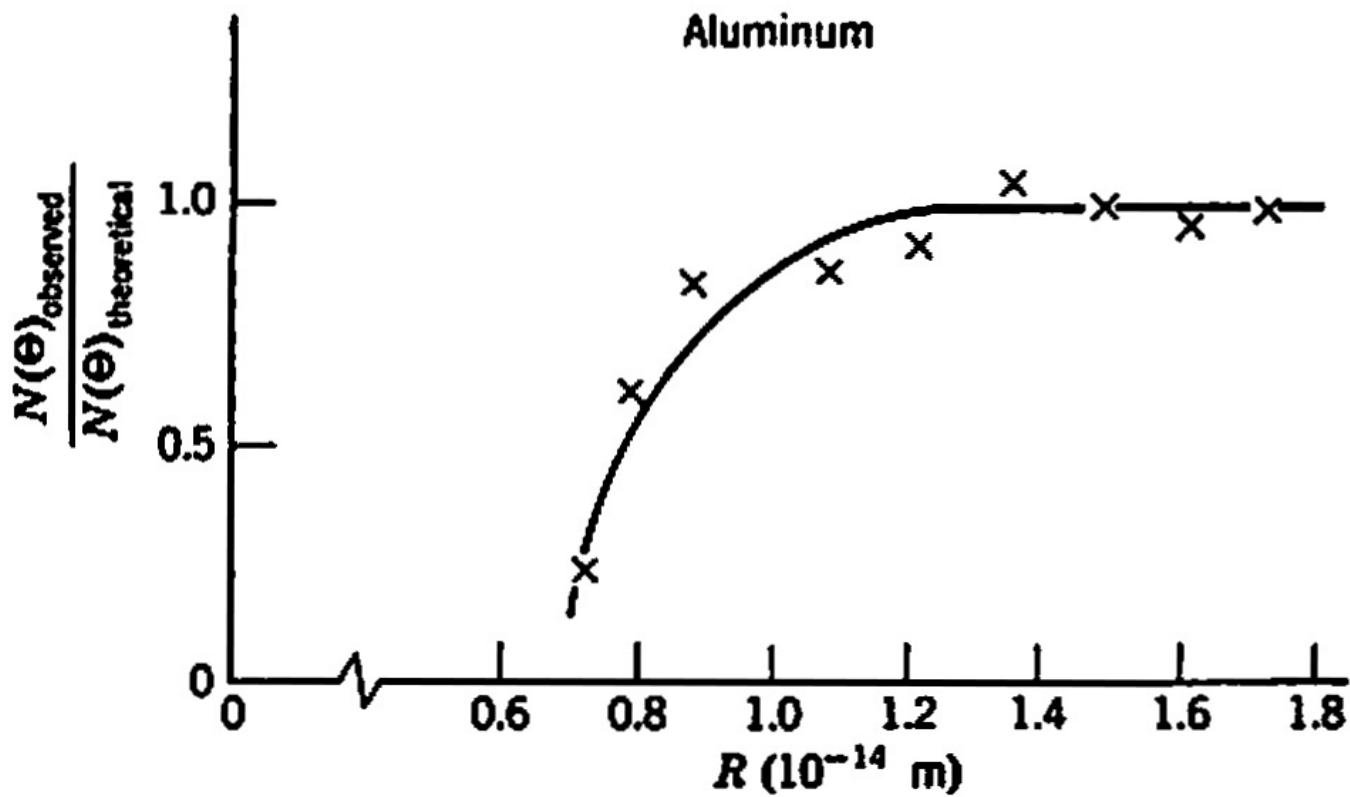
Scattering from the Nucleus.



Scattering from the Nucleus.



Nuclear size.



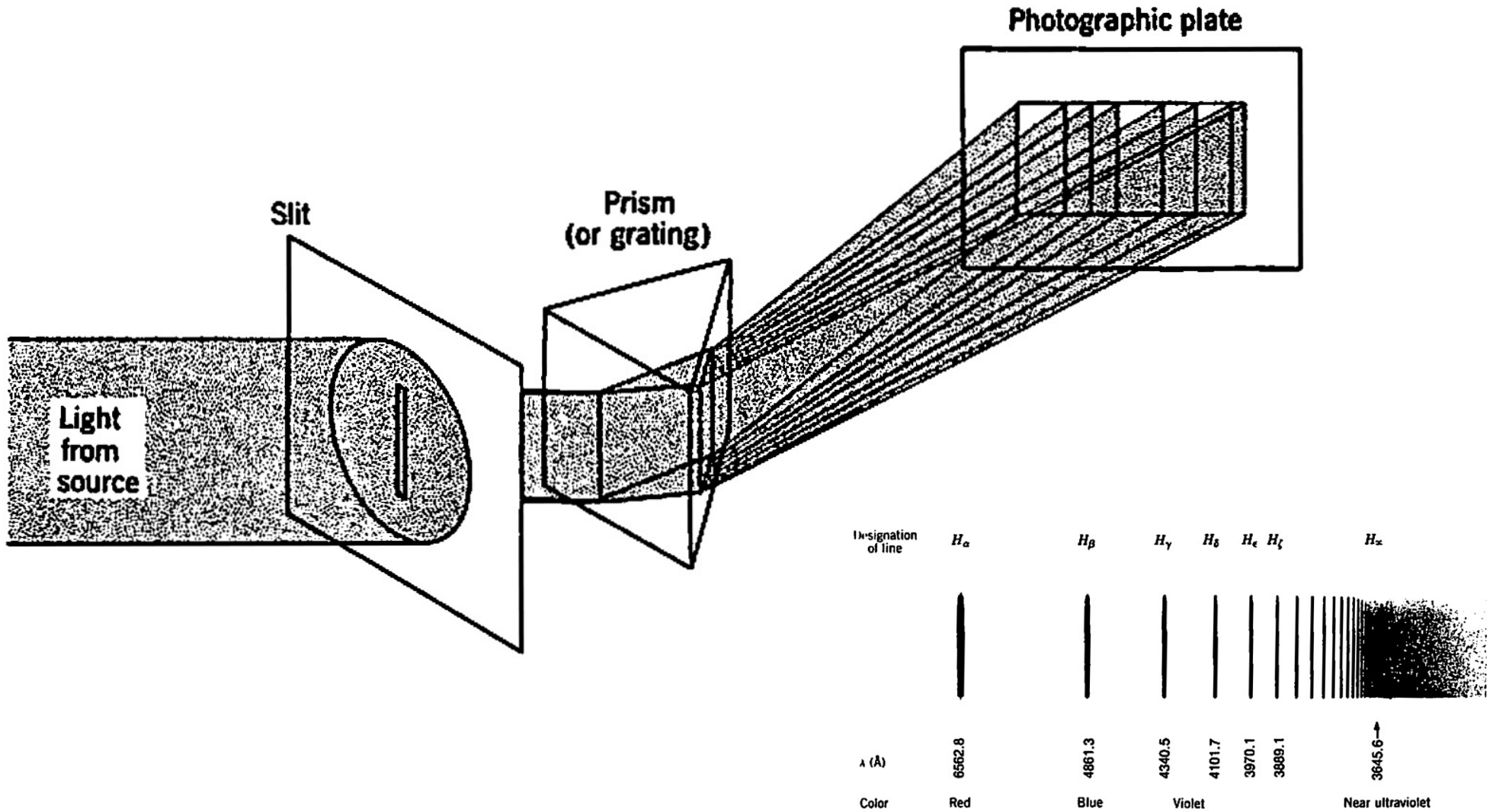


5 Minute 16 Second Intermission.

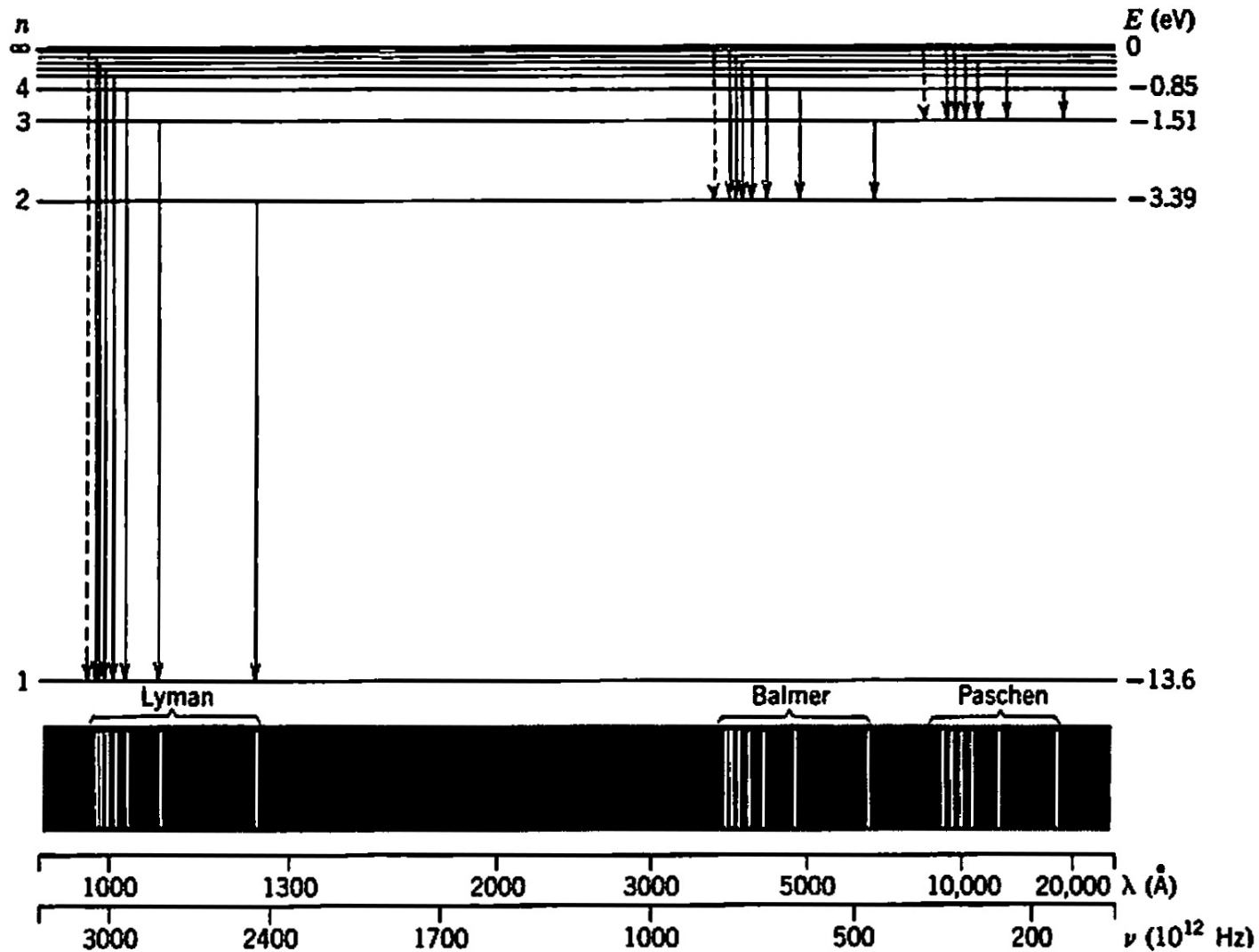
- Since paying attention for 1 hour and 15 minutes is hard when the topic is physics, let's take a 5 minute 16 second intermission.
- You can:
 - Stretch out.
 - Talk to your neighbors.
 - Ask me a quick question.
 - Enjoy the fantastic music.



Atomic Spectra.

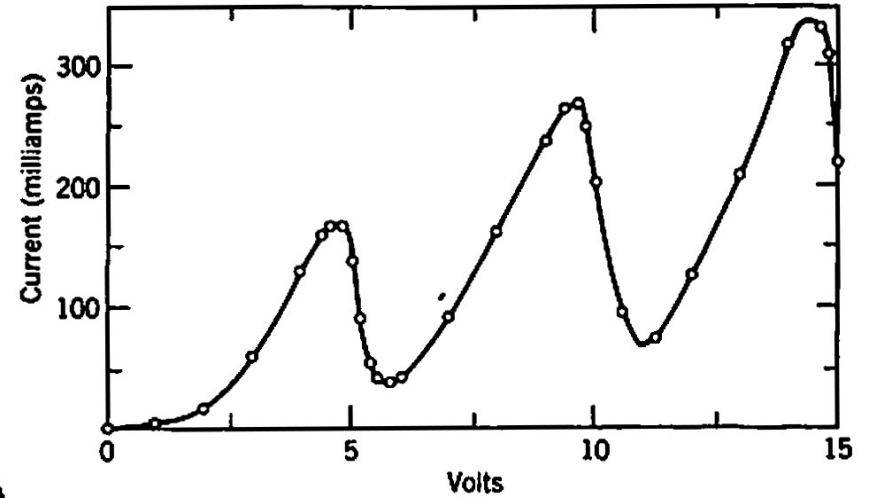
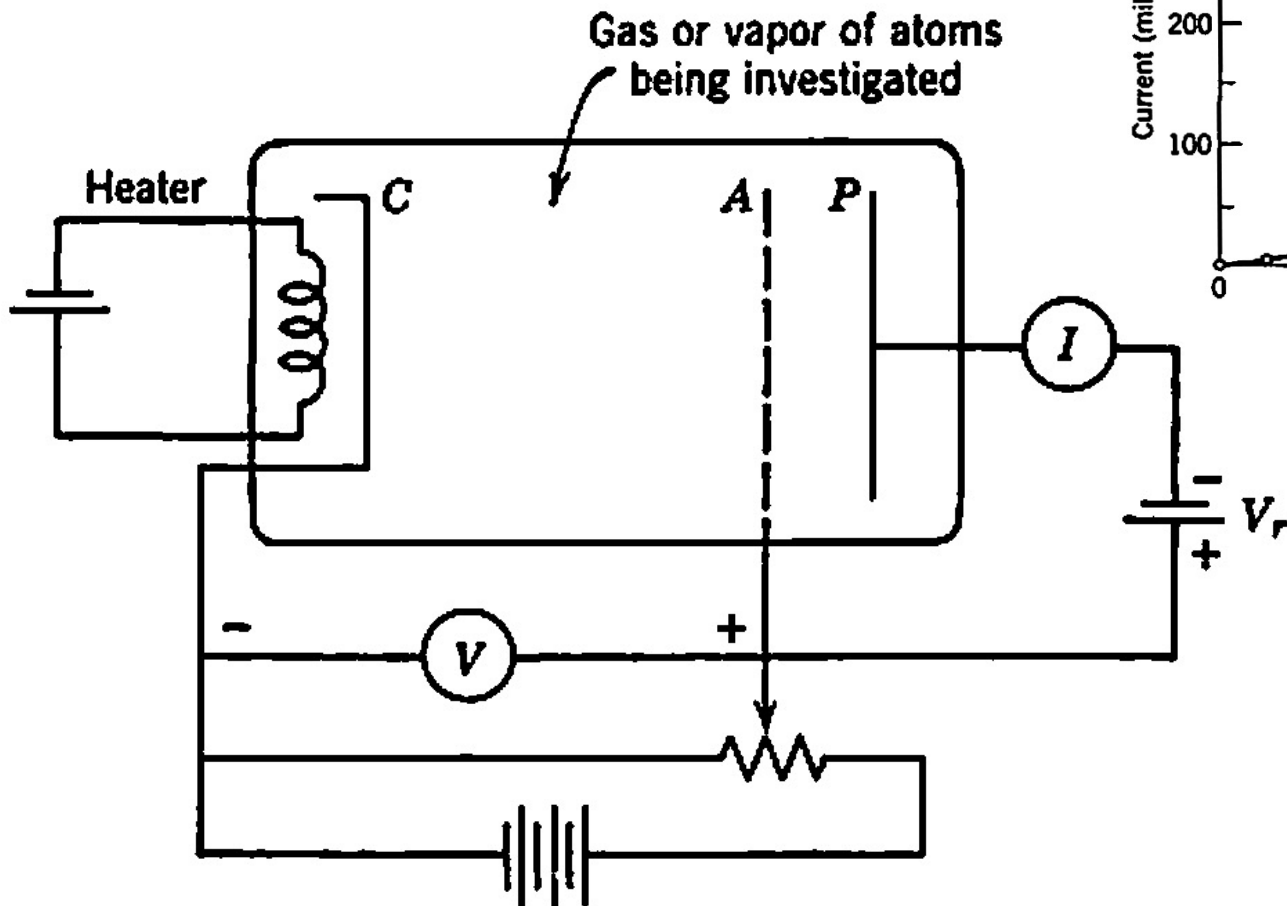


Bohr Predictions and Observations.



Franck and Hertz.

Looking for Atomic Energy Levels.



ENOUGH FOR TODAY?