

Experiment 9: absolute zero temperature

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Abstract

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1 Introduction

2 Experiment

3 Results

This paragraph is where you present the results from your experiment. This could be in the form of a table (if only very few parameters were measured) or as a figure. In the text you should essentially describe what can be seen in the figures, i.e. explain your axis and how the dependent variable changes as a function of the independent variable. Discuss trends of the data as well as the magnitude, origin and nature of the experimental uncertainties. Keep in mind that the measurement results are always correct! They might just not be the answer to the question you had in mind.

Depending on the experiment the discussion of the results can also be a part of the data analysis section.

4 Data analysis

5 Discussion

6 Conclusion

7 Appendix

References

- [1] Stuart Hunt & Associates Ltd., Radioactive Material Safety Data Sheet Strontium-90, [Website](#)
- [2] M. Sato, B. E. Hubbard, A. J. Sievers, B. Ilic, D. A. Czaplewski, and H.G. Craighead, Phys. Rev. Lett. **90**, 044102 (2003).
- [3] M. C. Cross, A. Zumdieck, R. Lifshitz, and J. L. Rogers, Phys. Rev. Lett. **93**, 224101 (2004).
- [4] Manual to experiment 41 beta decay (2022).