

Direct measurement of the $\bar{K}N \rightarrow \pi\Sigma$ scattering amplitude below the $\bar{K}N$ threshold employing the $d(K^-, N)\pi\Sigma^-$ reaction

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Chapter 1

Introduction

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- 1.2 $d(K^-, n)$ reaction
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Experimental setup

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Discussion

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Appendix A

$\pi^0 \Sigma^0$ spectrum analysis

Appendix B

Detector resolution

B.1 CDC resolution

B.2 Detector resolution on the $d(K^-, N)$

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$d(K^-, n)K^0n$ analysis

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