
CROSS SECTION

AN INTRODUCTION TO NUCLEAR AND PARTICLE PHYSICS SCATTERING EXPERIMENTS

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Contents

1	Introduction	1
1.1	Scattering Experiment	1
1.1.1	Experimental Setup	1

List of Tables

List of Figures

1.1 Typical scattering experiment setup. A target with
a beam of particles incident on it. 2

Chapter 1

Introduction

1.1 Scattering Experiment

Here we will look into scattering cross sections and how they relate to scattering experiments.

1.1.1 Experimental Setup

A typical experiment usually involves a beam of particles which is incident on some sort of target material.

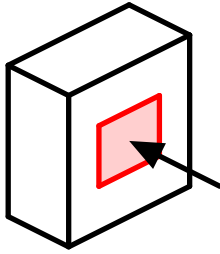


Figure 1.1: Typical scattering experiment setup. A target with a beam of particles incident on it.