Ph 340 – Problem Set 6 – Spring 1997

1. Suppose you were a theoretician advising an experimentalist on a one-dimensional scattering experiment. The experiment is able to measure the reflection probability of a particle impinging on a potential for a range of energies. Using `scatter1_demo.r` and `doscatter.r` as your source of theoretical predictions, write a short essay advising the experimentalist as to how to learn something about the size, shape, and strength of the potential function from his or her observations.