

## *Atomic Physics Solutions*

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Rutherford's own words. §1 The observations, however, of Geiger and Marsden on the scattering of  $\alpha$  rays indicate that some of the  $\alpha$  particles, about 1 in 20,000 were turned through an average angle of 90 degrees in passing through a layer of gold-foil about 0.00004 cm. thick, which was equivalent in stopping-power of the a particle to 1.6 millimetres of air....

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**Atomic orbital - Wikipedia**

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**Atomic Structure Timeline**

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