Calibrating a new Soft Muon Tagger for use in finding the Top quark pair production cross section, using the ATLAS Detector.

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I confirm that the work presented in this thesis is my own. Where information has been derived from other sources, I confirm that this has been indicated in the document.

Matthew Rose



Abstract

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Abstract

Introduction

The ATLAS Detector

The Match χ^2 based Soft Muon Tagger

Calibration of the Tagger

Monte Carlo characterisation of the Match χ^2 based Soft Muon Tagger

Chapter Title

Text...

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