

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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DECLARATION

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.

Daniel Hayden

Abstract

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Bibliography

- [1] K. Bachas, S. Hassani, R. Nicolaïdou, E. Mountricha, C. Petridou, G. Chiodini, S. Spagnolo, N. Orlando, M. Scherzer, B. Heinemann, A. Korn, S. Hsu, L. Chevalier, K. Kessoku, S. Oda, H. Sakamoto, T. Matsuskita, P. Kluit, J. Ottersbach, E. Rossi, F. Conventi, M. Biglietti, M. Corradi, A measurement of the atlas muon reconstruction and trigger efficiency using j/ψ decays, Tech. Rep. ATLAS-COM-CONF-2011-002, CERN, Geneva (Jan 2011,).