I certify that I carried out some of the research leading to the following publications whilst I was a member of staff at the Department of Nuclear Physics, Australian National University.


E. Chiaveri et al. (The n_TOF collaboration), “The CERN n TOF Facility: Neutron Beams Performances for Cross Section Measurements”, Proceedings of the Nuclear Data Conference 2013, New York, 4-8 March 2013, Nuclear Data Sheets 119 (2014) 1-4; http://dx.doi.org/10.1016/j.nds.2014.08.003


J. Balibrea, E. Mendoza, D. Cano-Ott, C. Guerrero et al. (The n_TOF collaboration), “Measurement of the Neutron Capture Cross Section of the Fissile Isotope U with the CERN n TOF Total Absorption Calorimeter and a Fission Tagging Based on Micromegas Detectors”, Proceedings of the Nuclear Data Conference 2013, New York, 4-8 March 2013, Nuclear Data Sheets 119 (2014) 10-13; http://dx.doi.org/10.1016/j.nds.2014.08.005

F. Mingrone et al. (The n_TOF collaboration), “Measurement of the U Radiative Capture Cross Section with C₃D₆ at the CERN n TOF Facility”, Proceedings of the Nuclear Data Conference 2013, New York, 4-8 March 2013, Nuclear Data Sheets 119 (2014) 18-21; http://dx.doi.org/10.1016/j.nds.2014.08.007


M. Barbagallo et al. (The n_TOF collaboration), "Capture Cross Section of $^{236}$U: the n TOF Results", Proceedings of the Nuclear Data Conference 2013, New York, 4-8 March 2013, Nuclear Data Sheets 119 (2014) 45-47; http://dx.doi.org/10.1016/j.nds.2014.08.014

A. Tsiganis et al. (The n_TOF collaboration), "Measurement of the $^{242}$Pu(n,f) Cross Section at the CERN n TOF Facility", Proceedings of the Nuclear Data Conference 2013, New York, 4-8 March 2013, Nuclear Data Sheets 119 (2014) 58-60; http://dx.doi.org/10.1016/j.nds.2014.08.018.


K. Fraval et al. (The n_TOF collaboration), "Measurement and Analysis of $^{241}$Am(n,$\alpha$) Cross Sections with C$_3$D$_5$ Detectors at the n TOF Facility at CERN", Proceedings of the Nuclear Data Conference 2013, New York, 4-8 March 2013, Nuclear Data Sheets 119 (2014) 72-75; http://dx.doi.org/10.1016/j.nds.2014.08.022.

C. Massimi et al. (The n_TOF collaboration), "New Measurement of the $^{25}$Mg(n,$\alpha$) Reaction Cross Section", Proceedings of the Nuclear Data Conference 2013, New York, 4-8 March 2013, Nuclear Data Sheets 119 (2014) 110-112; http://dx.doi.org/10.1016/j.nds.2014.08.031.


C. Weiss et al. (The n_TOF collaboration), "The (n,$\alpha$) reaction in the s-process branching point $^{59}$Ni", Proceedings of the Nuclear Data Conference 2013, Nuclear Data Sheets 120 (2014) 208.

C. Lederer et al. (The n_TOF collaboration), "Neutron capture reactions on Fe and Ni isotopes for the astrophysical s-process", Proceedings of the Nuclear Data Conference 2013, Nuclear Data Sheets 120 (2014) 201.

P. Zugec, N. Colonna, D. Bosnar et al. (The n_TOF collaboration), "GEANT4 simulation of the neutron background of the C$_3$D$_5$ set-up for capture studies at n TOF", Nucl. Instr. and Meth. A 760 (2014) 57.


F. Mingrone et al. (The n_TOF collaboration), $^{238}$U(n,$\gamma$) reaction cross section measurement with C$_3$D$_5$ detectors at the n_TOF CERN facility", EPJ Web of Conferences 66 (2014) 030601.

M. Barbagallo et al. (The n_TOF collaboration), "Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN)", EPJ Web of Conferences 66 (2014) 10001.


Signed

Name: ANTON WALLNER

Date: 19/05/2015