

Jeff Hartnell

(Simon Peeters and Lisa Falk)

US University of Sussex

Single-phase DUNE Prototype at CERN Meeting June 2015

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Introduction

Currently involved in the 35t prototype and plan to complete various aspects of the analysis of that data over the next year or two. This should lead very naturally to the larger prototype at CERN.

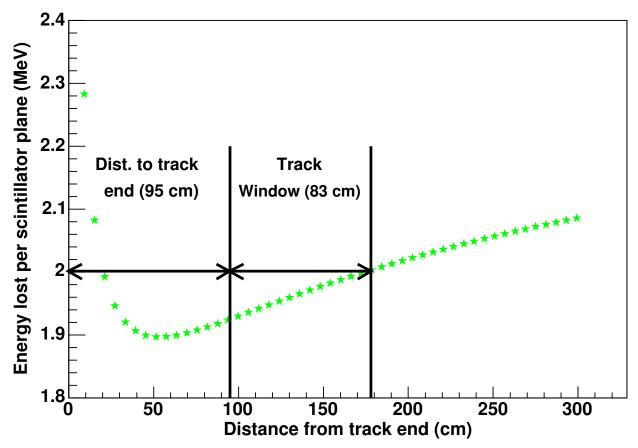
A particular interest is in using stopping muons to tie the calorimetric energy scale of the prototypes to the eventual near and far detectors.

Also interested in exploring possibilities for radioactive sources (very early days) and developing the calibration plan for DUNE.



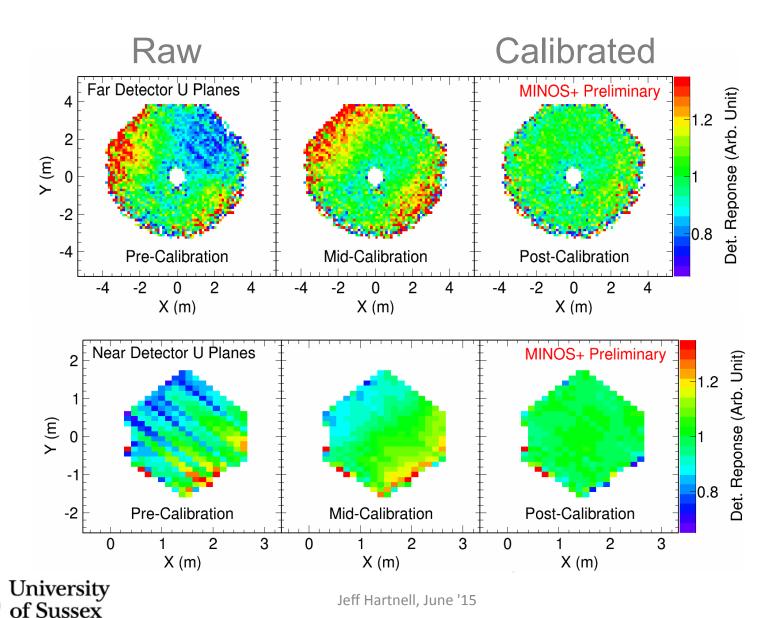
Get really well understood hits from stopping muons

Track Window Position

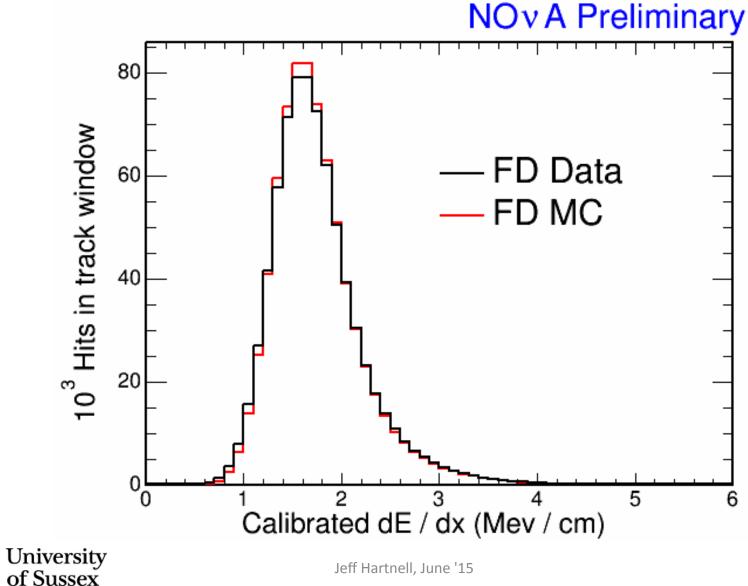




Calibrating MINOS



Calibrating NOvA



Jeff Hartnell, June '15

The End



Backup slides

