

Report on Refitting, Scanning and Event Summary

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The following files have been posted for your information :

- 1) Located_events.pdf
- 2) Period_4_lis.pdf

They can be found via the E872 Home Page. Go to “Collaboration News”
→ “Scan Status” → “Event Refitting and Location”

The first file contains an up-to-date list of all events which have been located and for which we now have access to the emulsion data (see below).

The second file contains a list of all (409) Period 4 “Cat3” events (i.e. neutrino interaction candidates), and the current status of their location/refitting.

The most up-to-date emulsion data is contained in the file (on **GLAZED**) :

`/usr/space/data/located/located_all.emu`

It is a text file and is easy to read. I have a routine which does so, but it is rather customized to extract specific information. I am currently working on merging the emulsion data with the spectrometer data (which is currently summarized in the .isf files). This procedure will eventually produce complete event summaries which will be usable for the event/physics analysis.

The latest emulsion data file contains an **additional 26 events located** since we received data from Japan in early October. The tally as of now is :

Period 1 : 21 events

Period 2 : 12 events

Period 4 : 79 events

Additional notes from GR :

- 1) See the posted memo on Event Yields located under “Collaboration News” → ” Analysis Memos” → ”an-018.pdf”.
- 2) See the files containing the “Master Outline” (that will be the guide to the analysis roadmap). These are easily found from the E872 Home Page.