

DUNE 35t Simulations and Reconstruction News and Announcements

July 29, 2015

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Yesterday's LArSoft Coordination meeting:

<https://indico.fnal.gov/conferenceDisplay.py?confId=10219>

art / LArSoft class August 3 – 7

See <https://indico.fnal.gov/conferenceDisplay.py?confId=9928>
Last day of the class will be devoted to LArSoft

Class is now full!

You can try registering for the waiting list:

<https://indico.fnal.gov/confRegistrationFormDisplay.py/display?confId=9928>

If you have registered, but know you cannot attend, please let Saba and Erica know.

Remote connection information to be supplied. Probably most useful for the lectures but not the working session.

300 gppgrid slots to be re-purposed for software builds for the course.
The course supplies disk space – don't need to fill up /lbne/app

Send suggestions, comments to ssehrish@fnal.gov and erica@fnal.gov

35t Computing Technical Scope of Work (TSW) Document

This is our agreement of what services the Fermilab computing sector will supply at what service levels (8x5 or 24x7 for example) for 35t operations and analysis.

Download a copy for review at this link:

[35-Ton Computing TSW SharePoint Document](#)

Many thanks to Brett, Stu, Eileen, Margaret, Tom for updates and changes.

Comments due Friday, July 31, at Noon

LArSoft Releases and Status

Most recent LArSoft release: v04_17_00, released last week.
Ibnecode release is at the same version number.

No releases planned for this week unless there is a big need – Lynn is away, though progress is being made.

Architecture report summary:

New channel filter (dead and noisy channel list)
Uses new service provider/framework interface model

Old ChannelFilter rewritten as a wrapper around the new service but will eventually be deprecated.

Configuration fcl files are a breaking change.

See Gianluca's talk at yesterday's LArSoft Coordination meeting

<https://indico.fnal.gov/getFile.py/access?contribId=1&resId=0&materialId=slides&confId=10219>

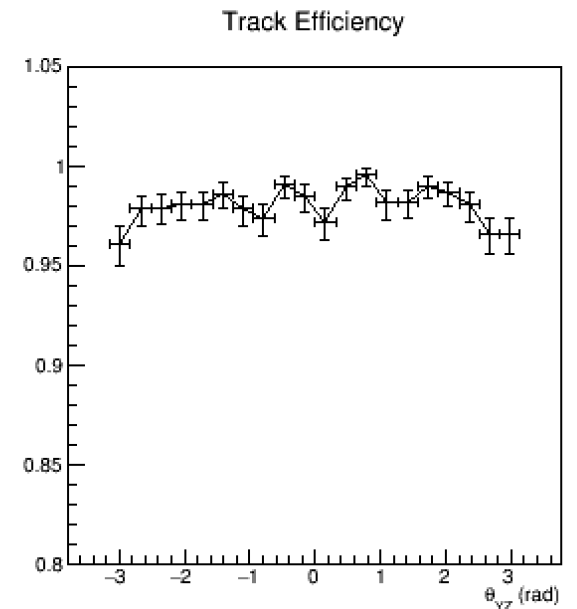
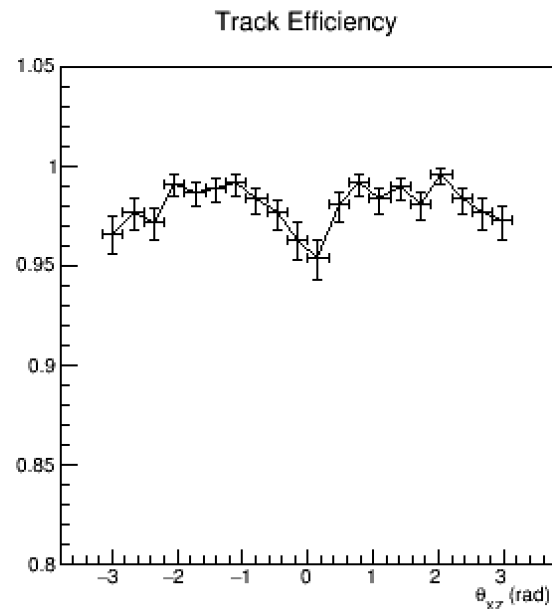
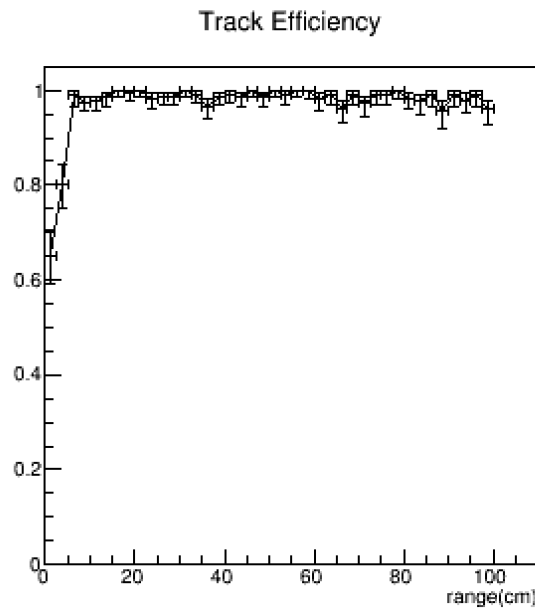
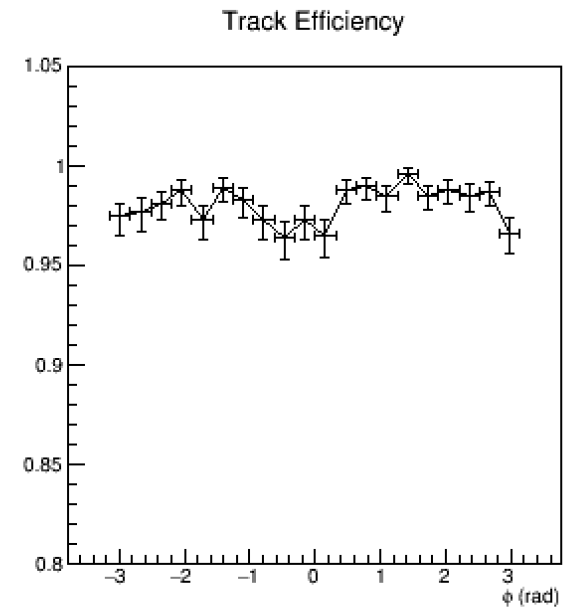
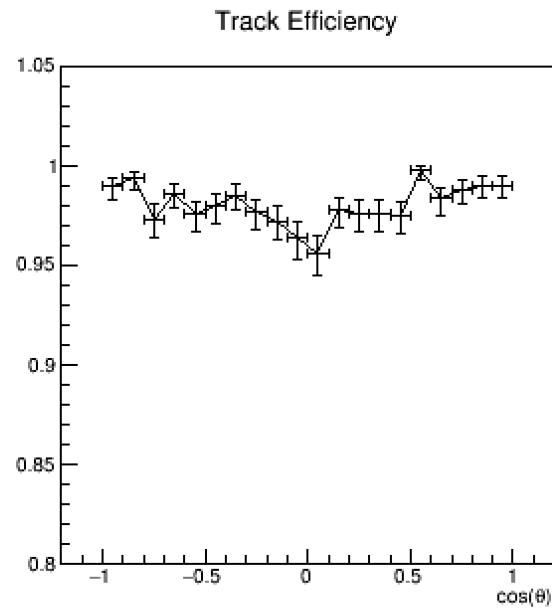
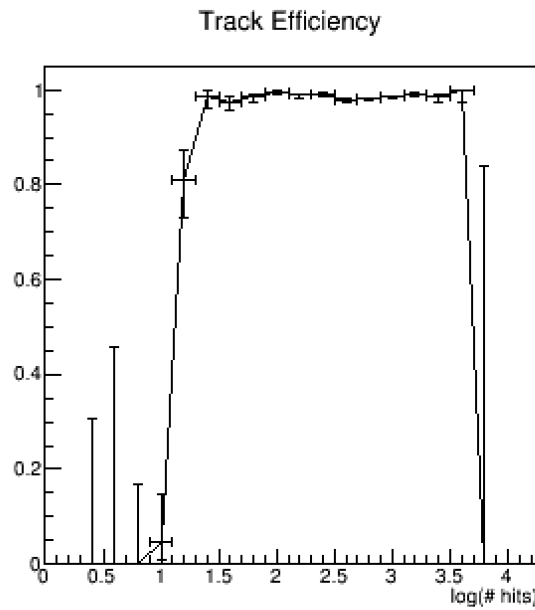
Other LArSoft work presented yesterday

MC Truth t0: Karl W.

Shower Reconstruction Associations: Mike W.

3D Projection Matching algorithm – Robert and Dorota – Very promising!!!

MicroBooNE (Tracy U.) plots of Projection Matching Algorithm Efficiencies sent via Tingjun



And a reminder from Erica: Please feel free to start using LArForum!

<http://www.larforum.org/forum/>

Currently low traffic on the message board.

35-ton Schedule from DocDB 8373-v31

