Some nice looking 7 GeV events

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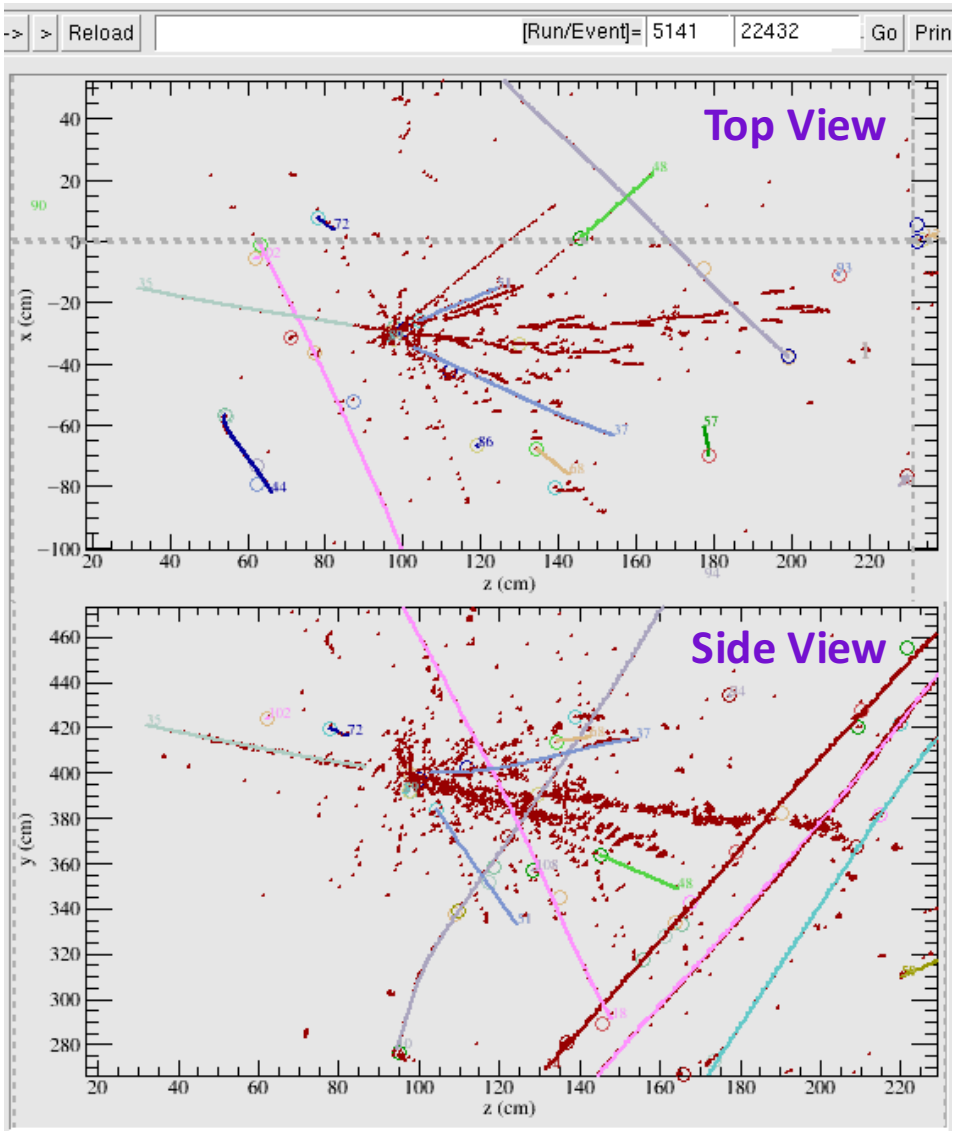
Introduction

- I processed 108 events from the 7 GeV beam run at 180kV
  - File: np04_raw_run005141_0016_dl2.root
- I processed this file with dunetpc v07_07_00
- Used two standard .fcl files:
  - RunRawDecoder.fcl
  - protoDUNE_reco_data.fcl
- I show a few LArSoft event displays of events that I liked

Example Event

- Coloured lines are tracks reconstructed by Pandora
- Red points are 3D ”space points”
- Reconstructed showers not visualised here, but Pandora does reconstruct them
- Pion or proton interaction



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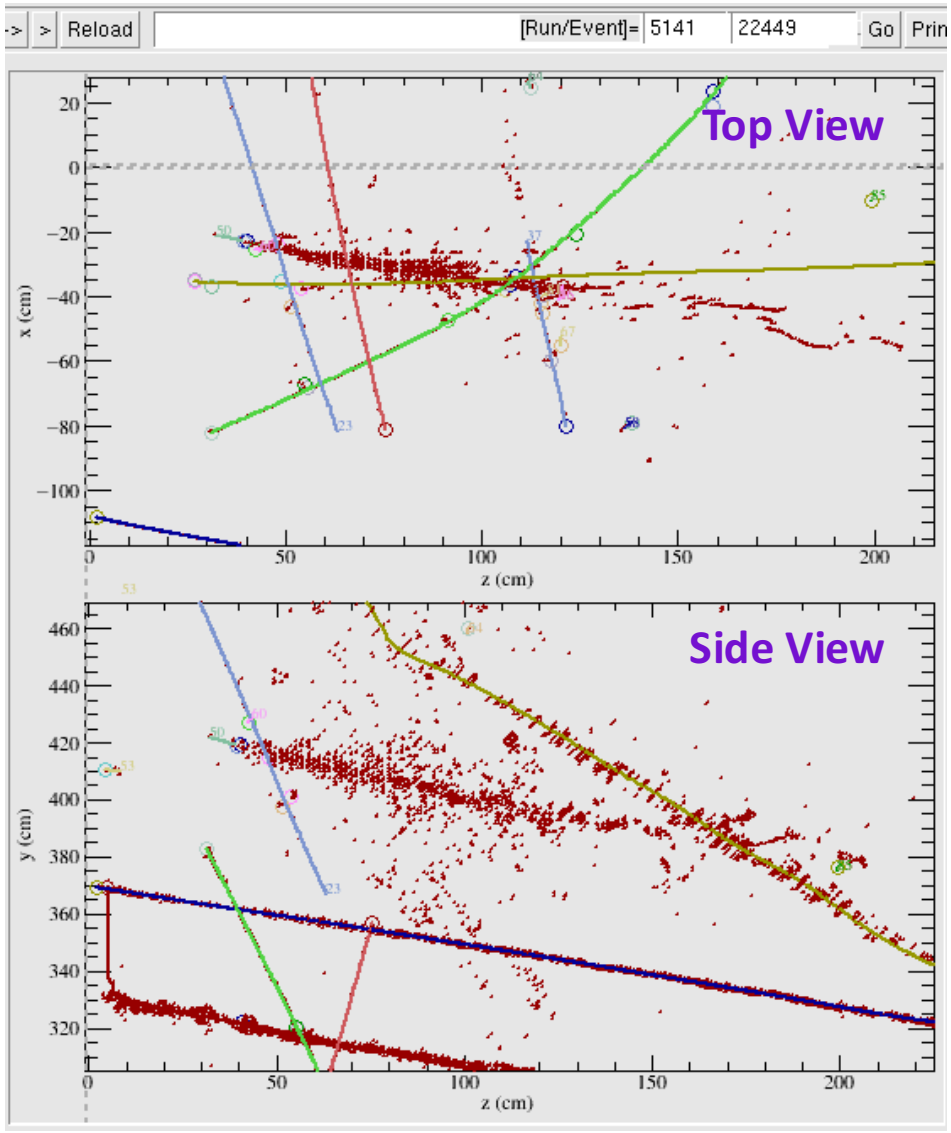
- Electron shower



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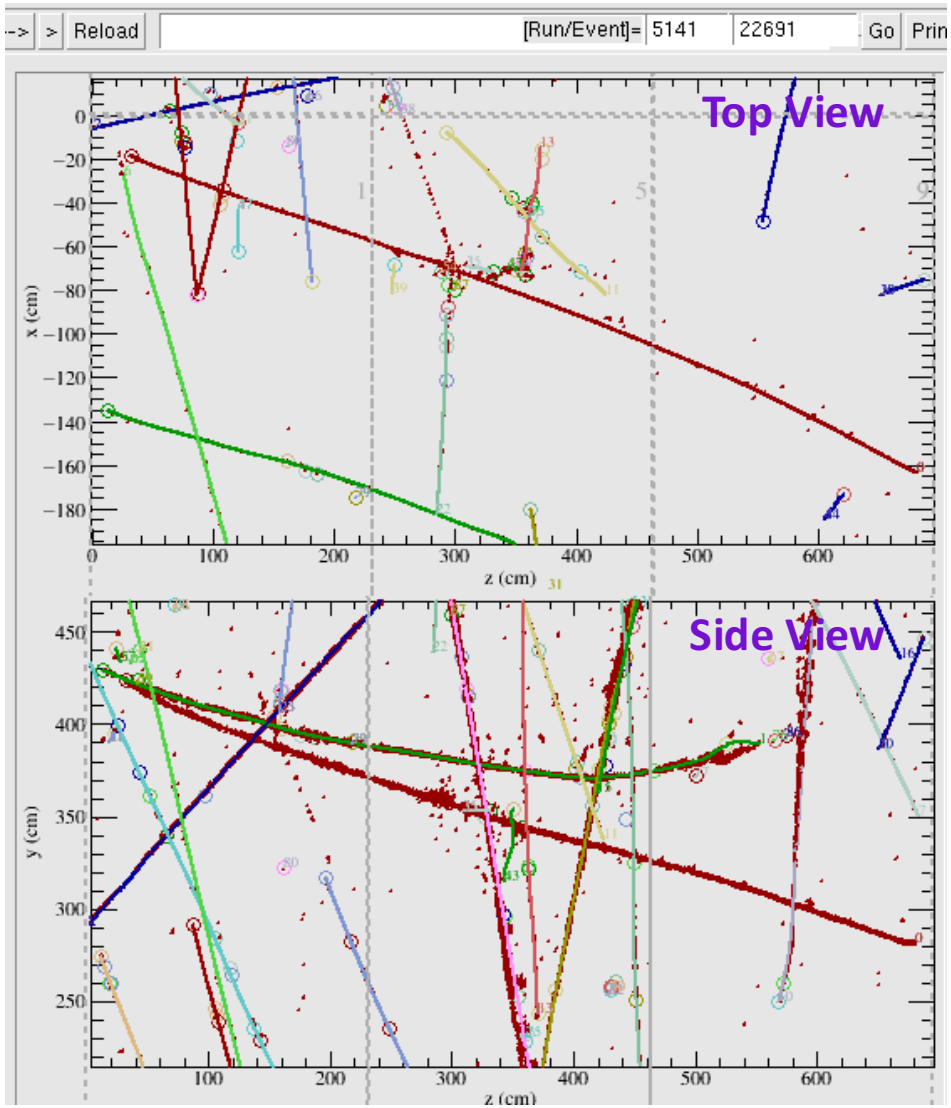
- Through-going event



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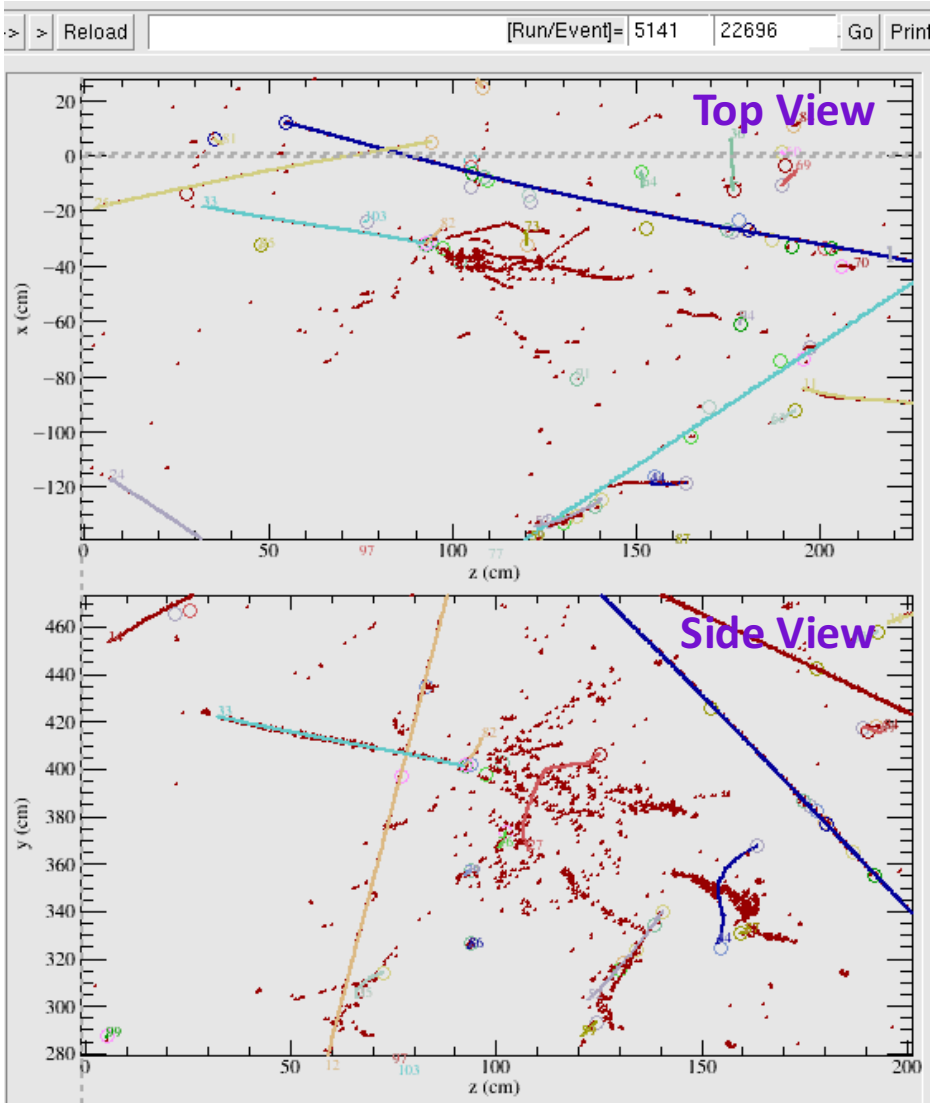

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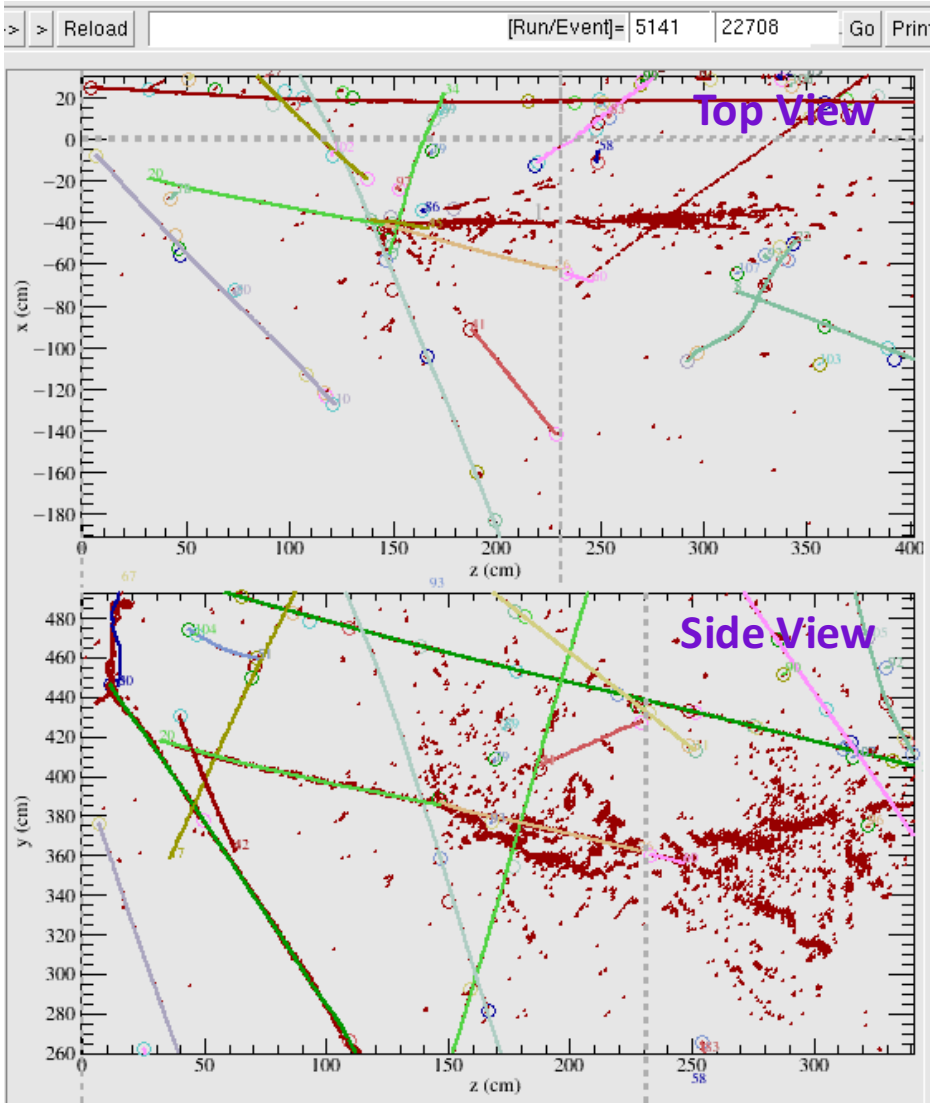

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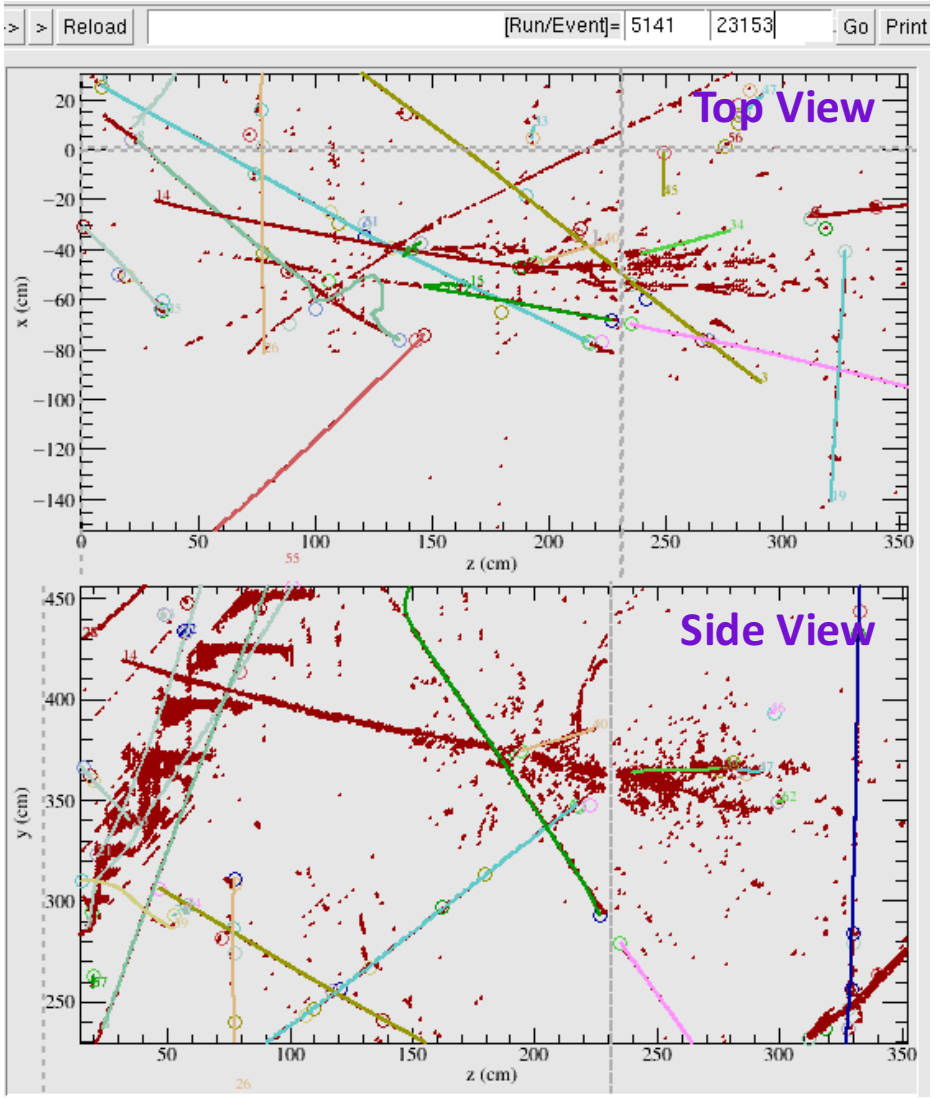

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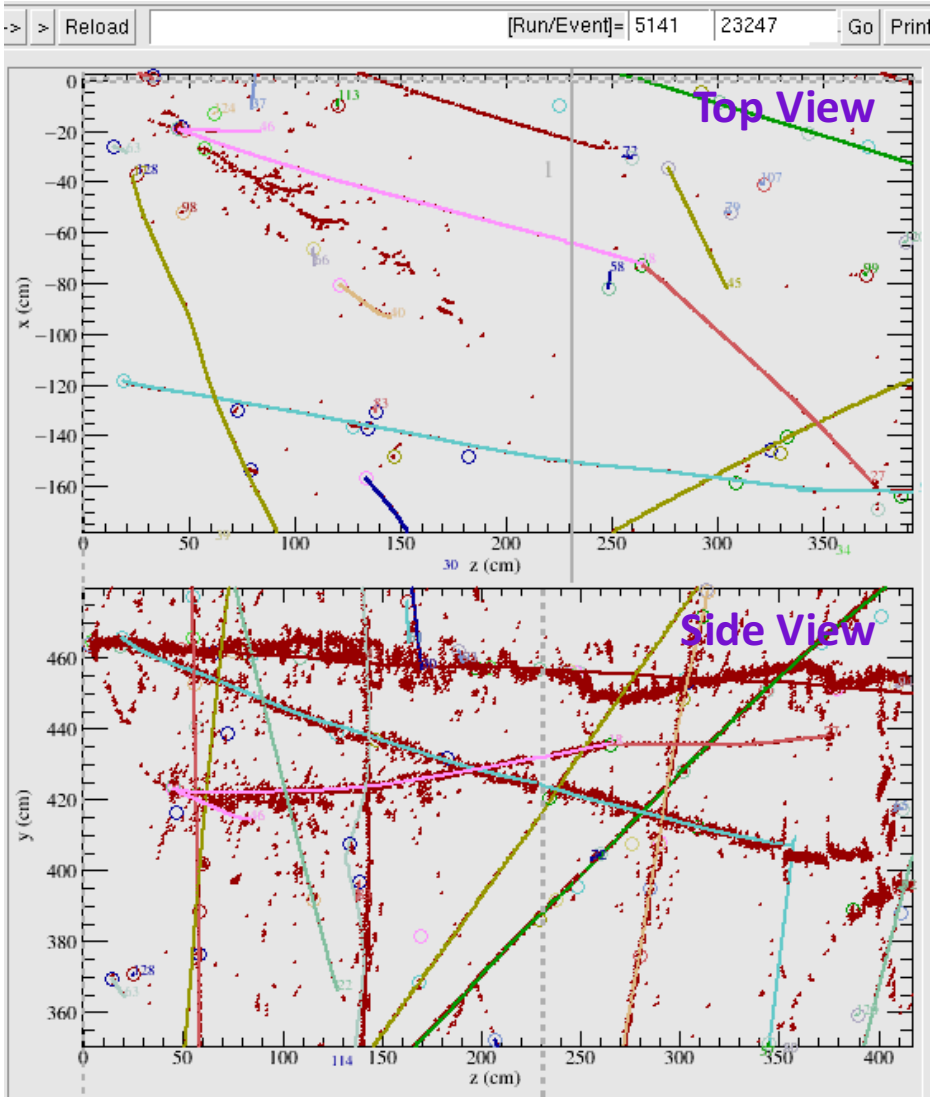

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