

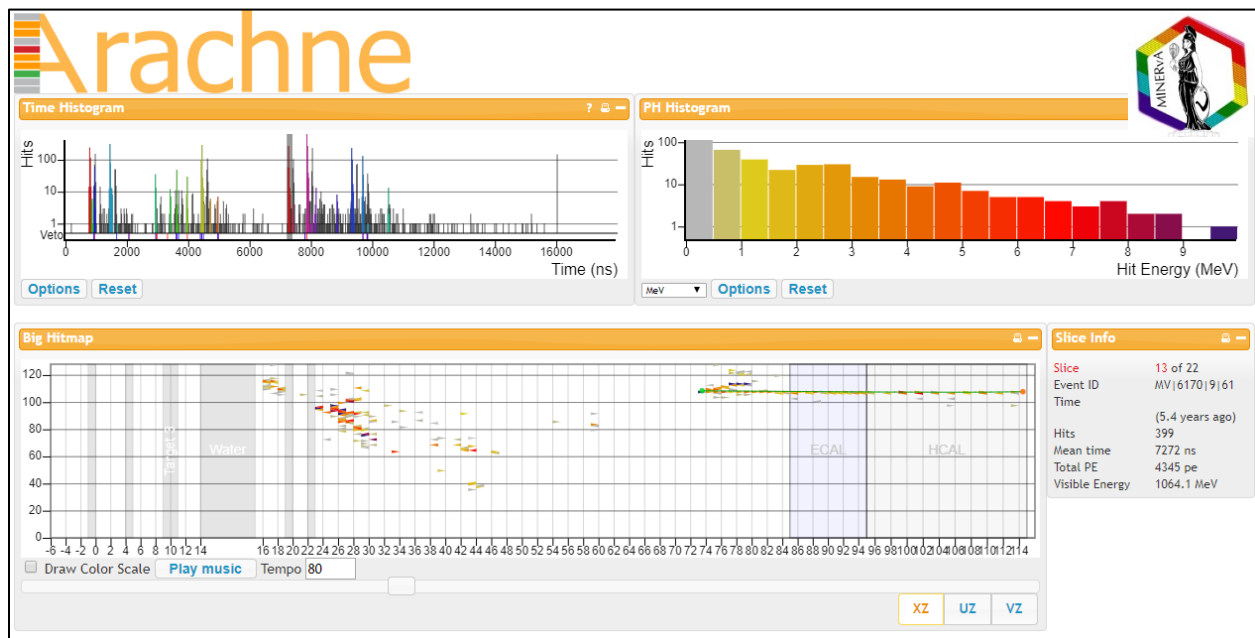
The QuarkNet Neutrino Data Workshop is designed to enable QuarkNet teachers to learn more about neutrino physics and bring practical activities to their students. Specs and contents can be customized as needed or upon request.

Specs:

- For HS physics teachers
- Two-day duration
- QuarkNet staff or fellow facilitates.
- Teachers do activities as students and then reflect and plan as professionals.

Contents:

- Introductory talk and Data Activities from the Portfolio
- Muon lifetime from MINERvA neutrino detector
- MINERvA Neutrino Masterclass measurement
- Fermilab virtual visit



Arachne event display for the Fermilab MINERvA experiment designed to study neutrino interactions with nuclei.

To arrange a Neutrino Data Workshop or learn more, ask your QuarkNet staff contact. To learn more about National Workshop opportunities for QuarkNet centers, go to the QuarkNet website and search on “opportunities.”