

# Event viewer software in the PandaX-4T experiment

*Tuesday, July 18, 2023 4:35 PM (25 minutes)*

The PandaX-4T event viewer is a dedicated integrated GUI program for visualizing data information, especially the waveform and charge distribution of detected signals, which has already become a powerful and indispensable supporting tool in the PandaX-4T experiment. In this talk, I will present two versions of viewer software used during PandaX-4T data analysis based on different motivations and techniques. A series of tools are provided, covering the entire run level to a single PMT channel level and helping users better understand their data samples. Besides, some advanced features will also be discussed in my talk.

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