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Methods of data processing and analysis in the RED100 experiment.

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The RED-100 is a two-phase LXe detector designed for searching CEvNS of reactor antineutrino. In 2021 this detector was located on Kalinin NPP, data collection was finished at the beginning of 2022. In this report methods of data processing and analysis, signal correction, event selection, position and energy reconstruction are described. Results of calibration and comparison with simulation are shown. Also different approaches to background reduction are discussed.

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