

Latest Results of EXO-200

Saturday, 2 December 2017 10:30 (20 minutes)

The EXO-200 Collaboration is currently searching for neutrinoless double beta decay using a liquid xenon (LXe) time projection chamber filled with ~150 kg of enriched Xe-136. Using the first two years of data it has provided one of the most sensitive searches for neutrinoless double beta decay. After a brief interruption in data taking caused by the temporary shutdown of its host facility, Phase-II running began in April 2016 with upgrades to front-end electronics and a radon suppression system. Presented here are the latest results of the collaboration including the new data taken with improved energy resolution.

Session

Works in Progress (15+5 min)

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Session Classification: Works in Progress