Abstract Submitted
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Recent development on the Daya Bay reactor neutrino experiment[1] YUENKEUNG HOR, Virginia Tech — The Daya Bay Reactor Neutrino Experiment has been very successful in unveiling the last unknown mixing angle using multiple detectors at various baselines with a designed 90% C.L. sensitivity of $\mathrm{Sin}^2(2\theta_{13}) < 0.01$. The experiment is now running in its full 8 antineutrino detectors configuration and effort is focused on finalizing the 6-detector rate and shape analysis. This talk will focus on an analysis to extract the antineutrino energy spectra of the four major reactor fissionable isotopes based on different reactor burn-up periods in the Daya Bay data set.

[1]On behalf of Daya Bay collaboration

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