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Preview of new techniques for future MicroBooNE cross-section data releases

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The MicroBooNE liquid argon time projection chamber experiment has a vibrant neutrino interaction physics program, with over thirty active analyses and a growing library of recent publications. As the precision and detail of MicroBooNE's cross-section measurements continue to improve, the collaboration is exploring new methods for maximizing the usefulness of the results for the nuclear modeling community. This talk will motivate and describe the technical implementation of these new methods, including a technique for reporting accurate covariances between measurements of different observables and potentially between measurements obtained from distinct analyses. We anticipate that these methods may be incorporated into the data release strategy for new cross-section measurements by other neutrino experiments in a relatively straightforward way.

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