

CC Inclusive Cross Section (Unfolding)

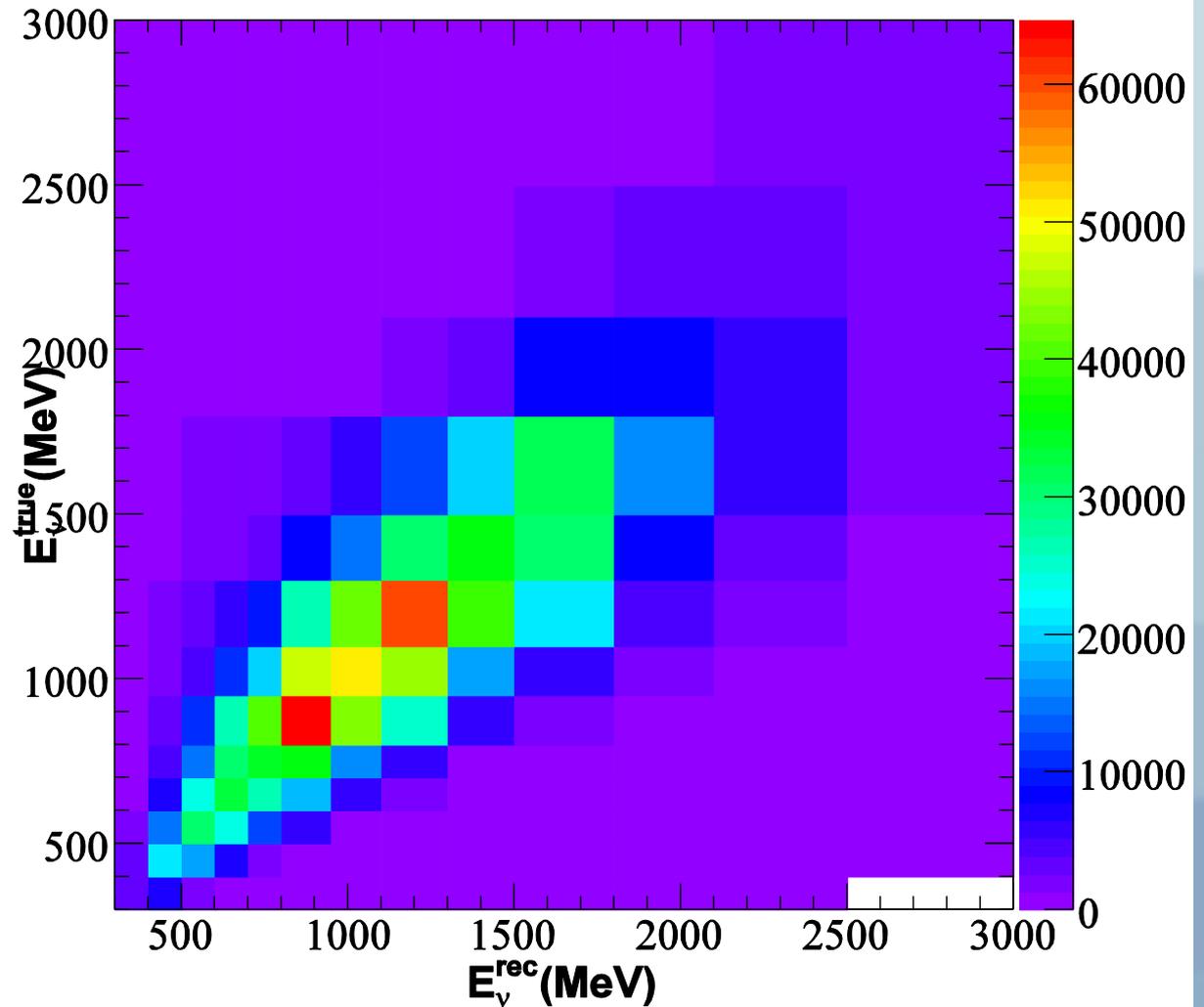
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CC Inclusive True vs Reconstructed

Split even and odd samples.

Plot shows the even sample bin migration Matrix.

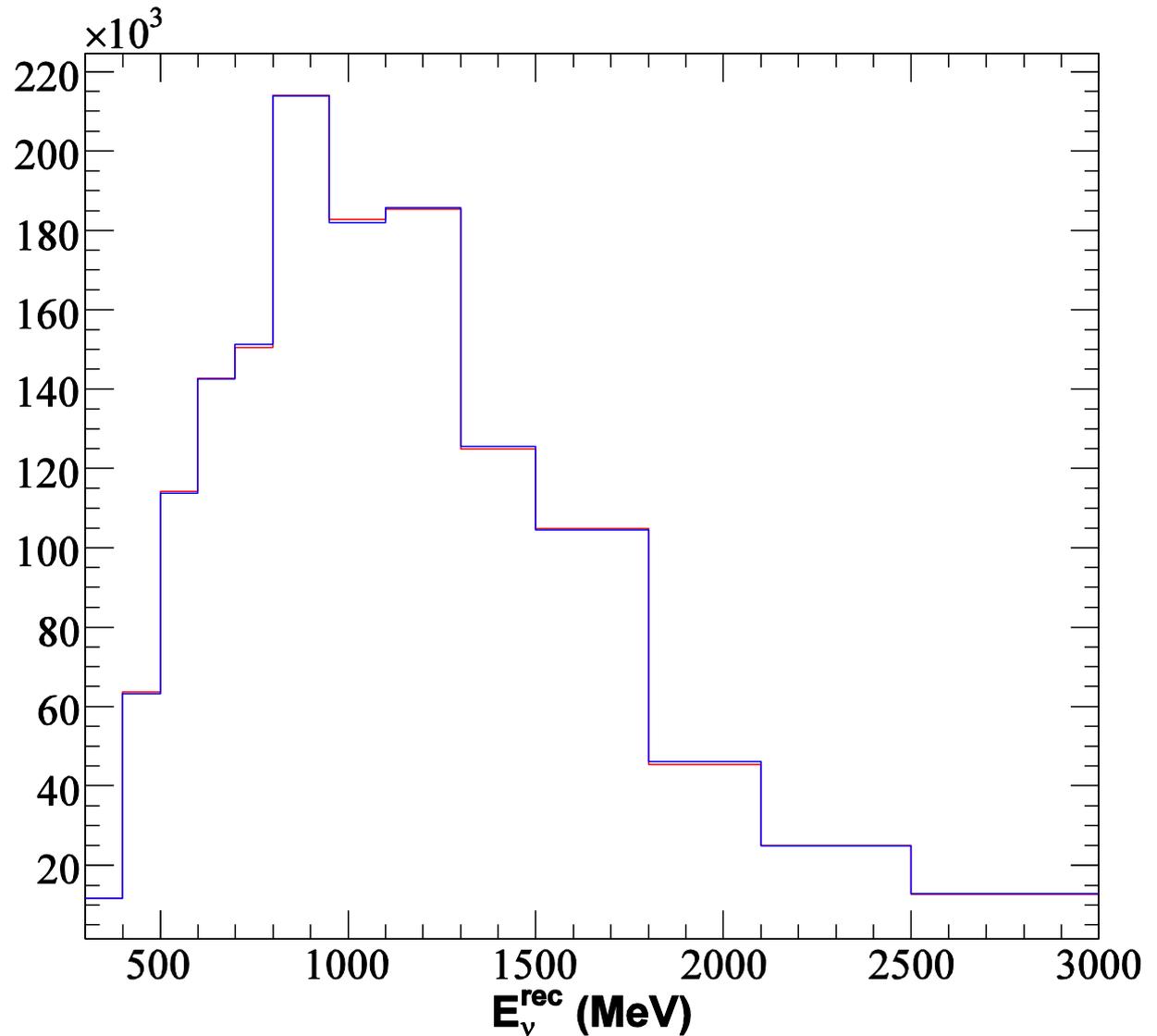


CC Inclusive Reconstructed

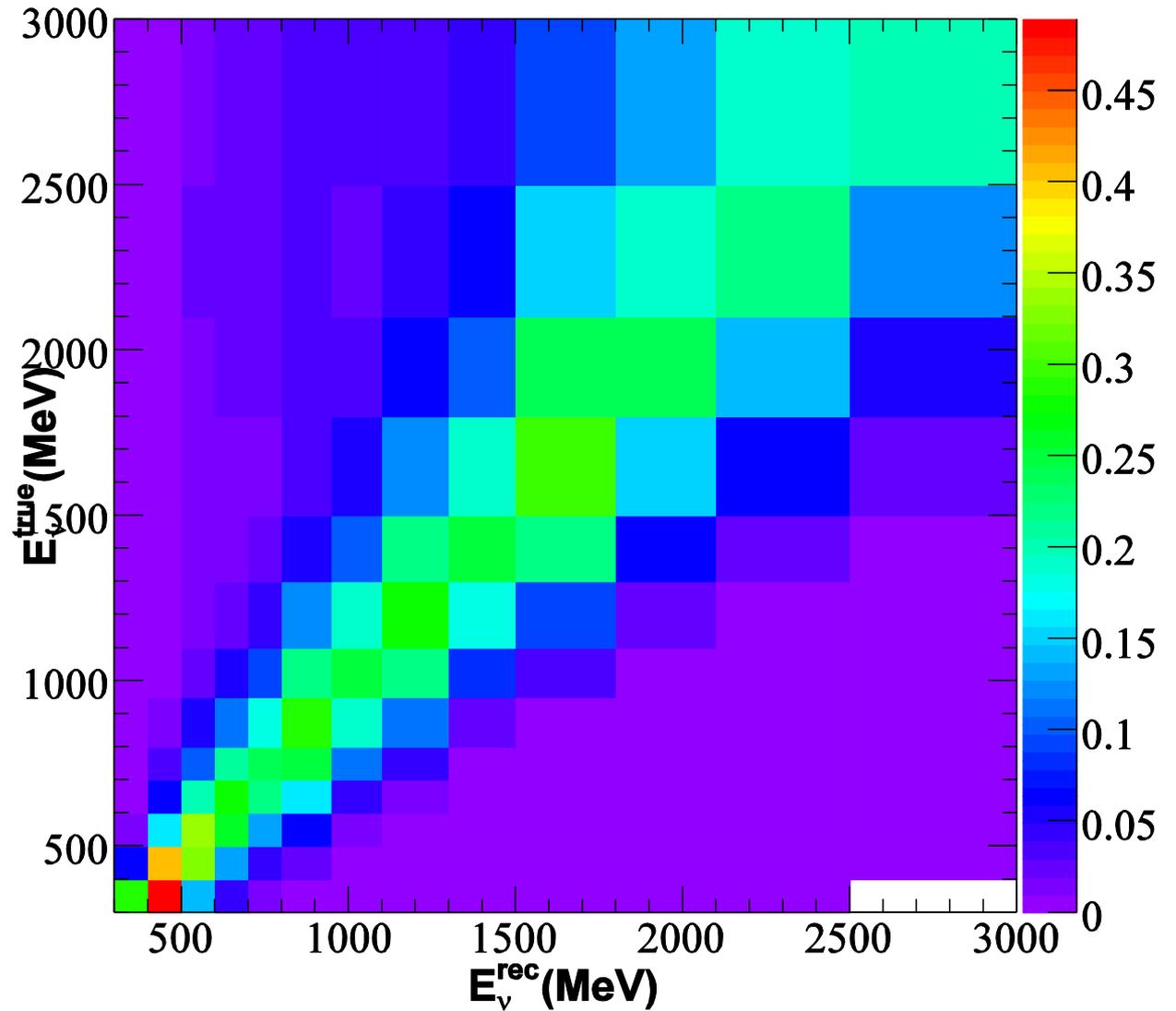
Plot shows both even and odd event number samples.

High statistics.

Binning should be optimized.

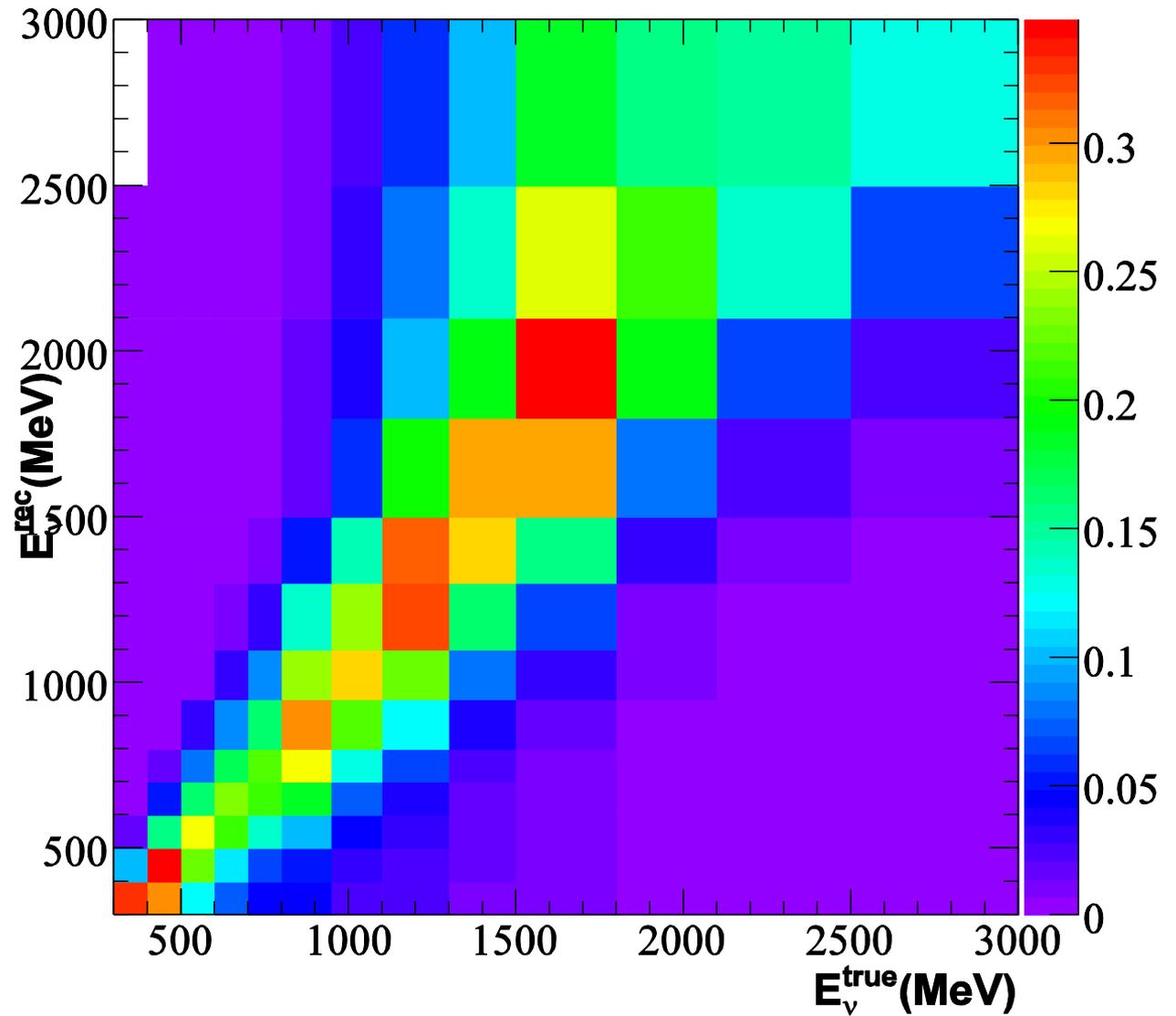


CC Inclusive Response Matrix



CC Inclusive Unfolding Matrix

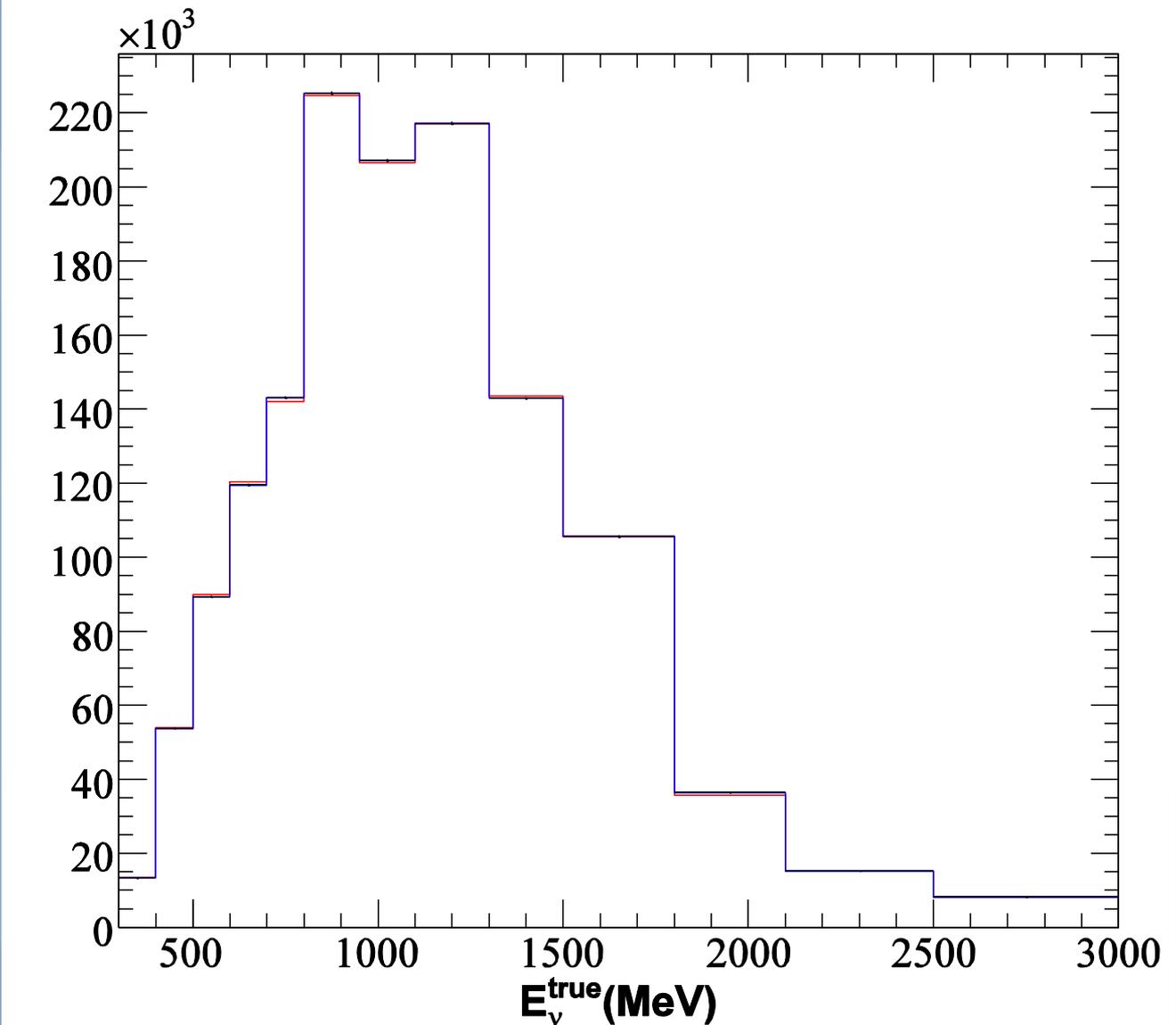
Binning should be optimized.



CC Inclusive Unfolded Distribution

Proper statistical errors are calculated.

Too small for this statistics.



Conclusions and Future

Performed tautology test – successful.

Performed fake data test by splitting the CV – successful.

Unfolding is working. Statistics is high to show pathologies.

Will perform robustness test by reweighting one of the samples to have different shape.

