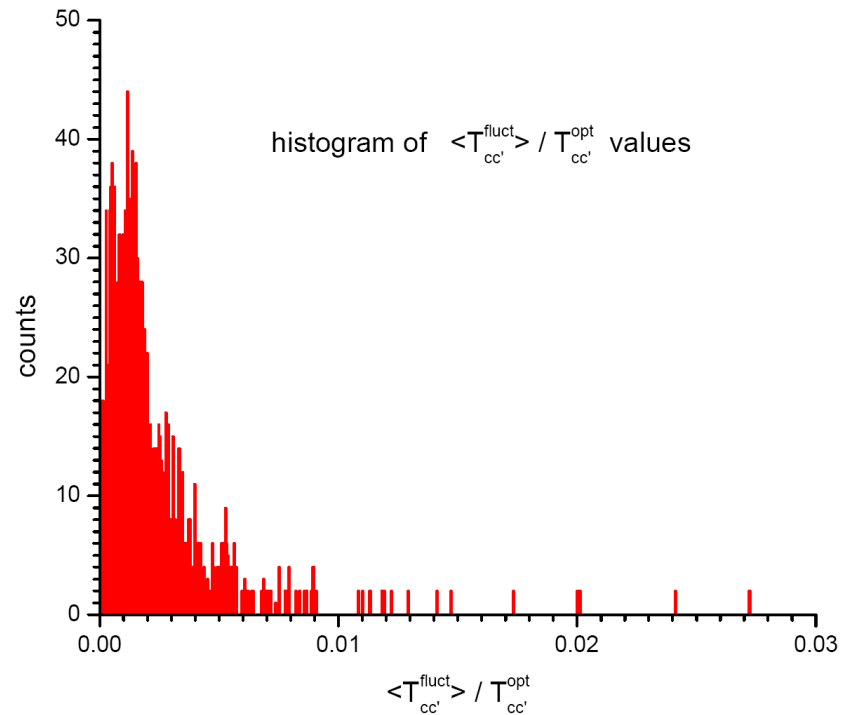
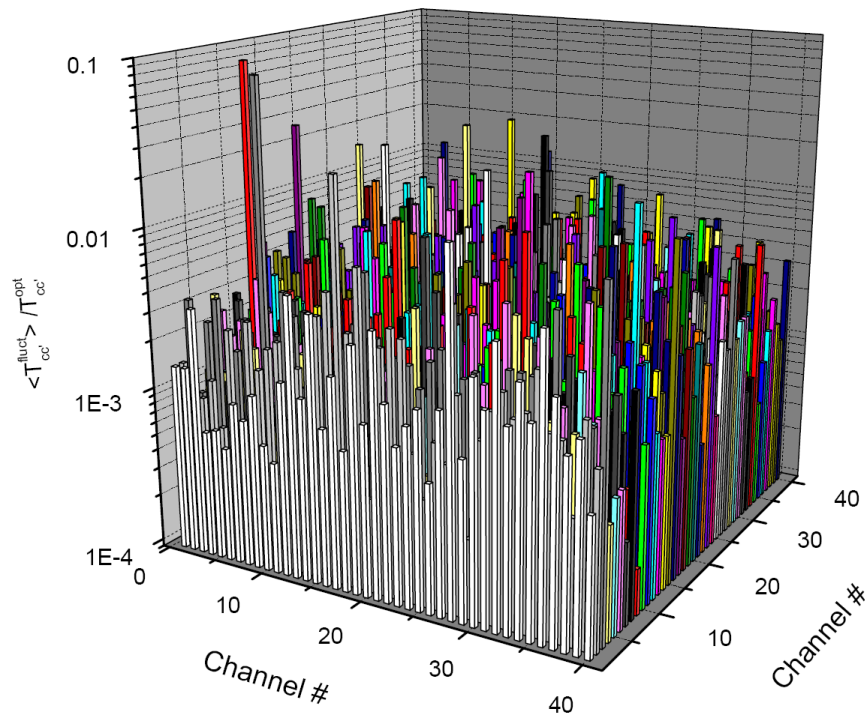


Towards improved cross sections on medium and heavy unstable nuclides

- Re-examination of theoretical assumptions and approximations in derivation of widely used expressions for cross sections
- Development of the first ever parallelized eigensolver for complex symmetric matrices



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