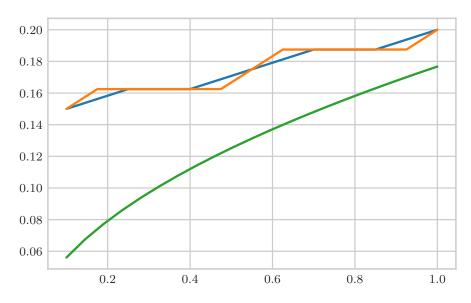
Daily Research Report

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MMS Mean Flow Profile



1 Current Research Direction

Finish running all the cases needed from SWIRL by the 14th

2 Research Performed

The MMS plots shown below are a draft idea of how I want to present the data. I have only presented three grids at very coarse grids to see how certain comparisons show differences. The results below are for second order radial derivatives.

3 Issues and Concerns

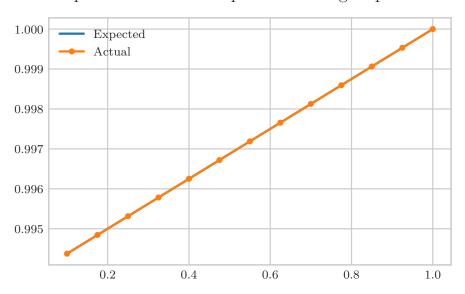
How do I report code timing?

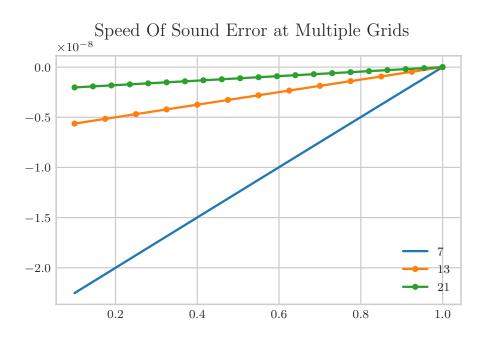
I need to put a user warning about potential conflicts in the MMS just in case.

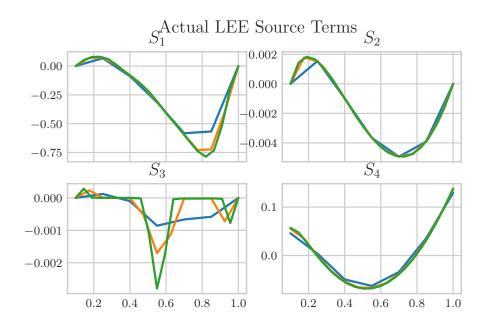
4 Planned Research

Get plots for fourth order approximations. Require only one run for both second and fourth.

Speed Of Sound Computation at 7 grid points







Expected LEE Source Terms

