SUPPLEMENTAL MATERIAL

Modes of detonation wave propagation in water vapor concentration gradients

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Grid Convergence Test



This figure shows a grid convergence test with different levels of AMR. In the figure, x-axis represents the distance from the reaction front (i.e. the location of maximum heat release rate). The result from the 5-level AMR sufficiently represents the detonation structure compared to that from the 6-level AMR.