

1B06: AN ANALYSIS OF LOWER-DIMENSIONAL APPROXIMATIONS TO THE SCALAR DISSIPATION RATE USING DIRECT NUMERICAL SIMULATIONS OF PLANE JET FLAMES.

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You have shown results conditioned on the stoichiometric mixture fraction. What are the results for other mixture fractions?

Reply by Evatt Hawkes

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Tests were performed over a range of mixture-fractions and the findings were found to hold for all mixture-fractions tested. However, it may be anticipated that for very small mixture-fractions which are outside the turbulent region of the jet, the angle distributions will be different.