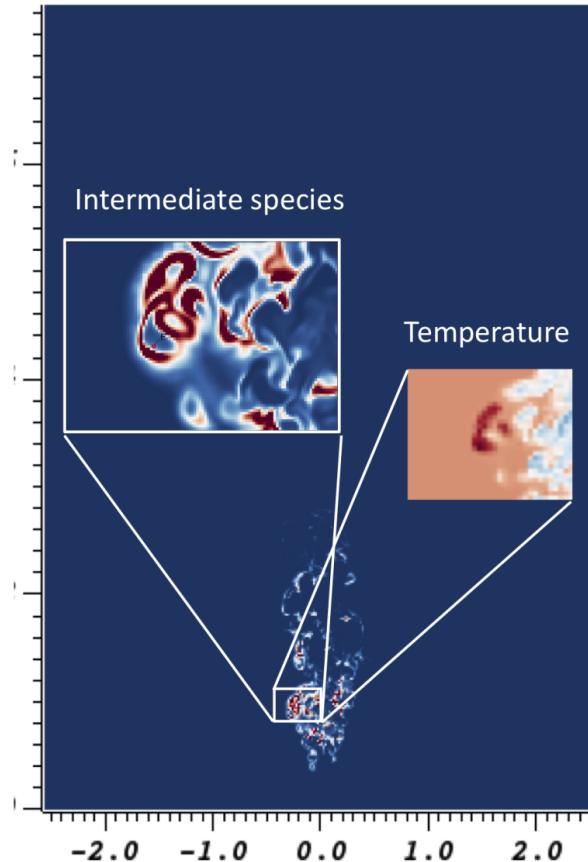
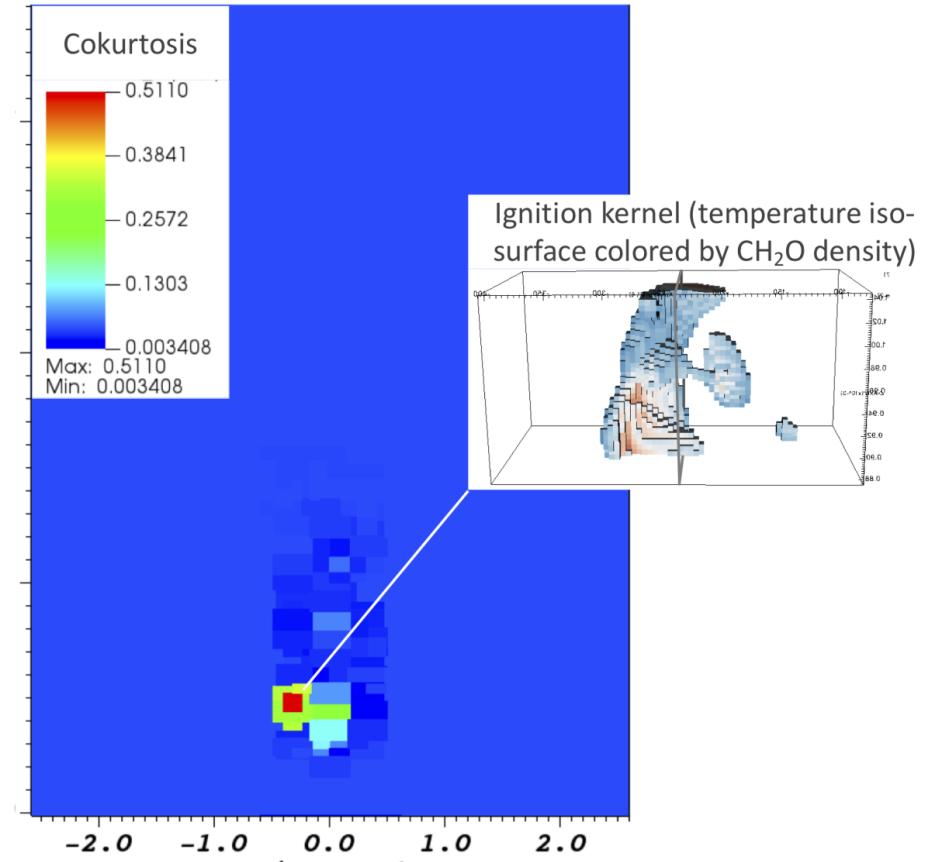


Traditional ignition analysis by
solution inspection of temperature
and species concentration



Cokurtosis analysis via Ascent: highest
metric values found in 2 adjacent boxes
containing the main ignition kernel



Sandia National Laboratories is a multimission laboratory managed and operated by National Technology and Engineering Solutions of Sandia, LLC., a wholly owned subsidiary of Honeywell International, Inc., for the U.S. Department of Energy's National Nuclear Security Administration under contract DE-NA-0003525.