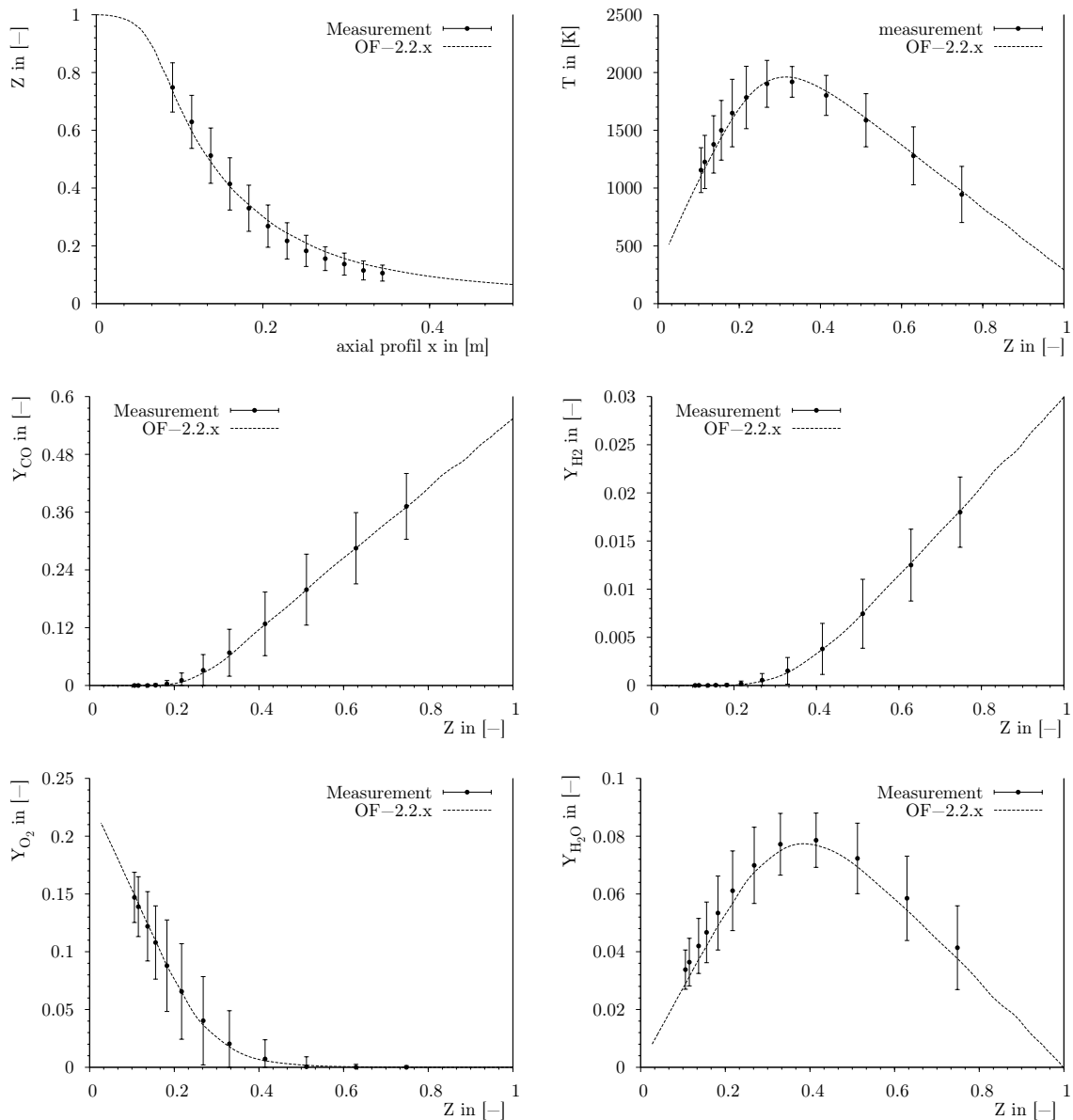


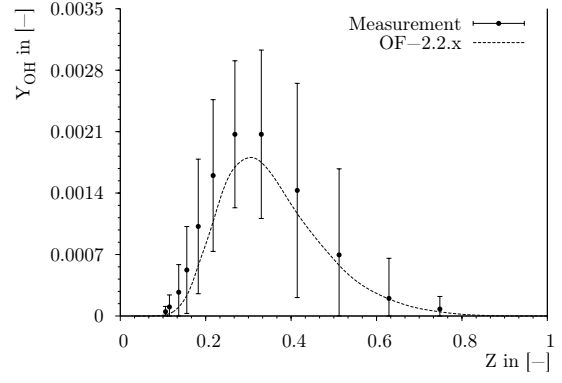
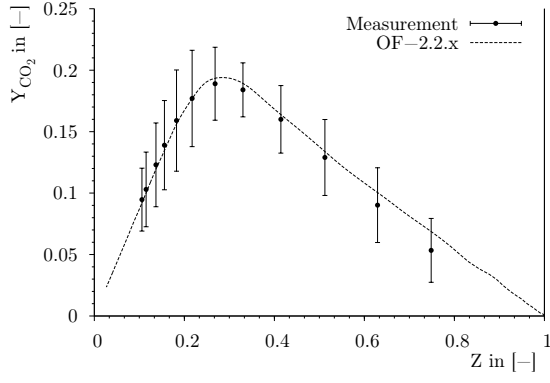
Flamelet Model for OpenFOAM[®]-2.2.x

Validation

The thermophysical model was tested with an CO/H₂/N₂ mixture flame. The validation was made at the centerline (axis) of the model and on a radial profil $x/D = 30$. I compared the results with the other validations I made in my masterthesis with the model build for 2.1.x and get the same results. Hence I just compared these two profiles. For more information about the geometry and boundary conditions visit: <http://www.sandia.gov/TNF/simplejet.html>

Centerline profiles





Radial profiles $x/D=30$

