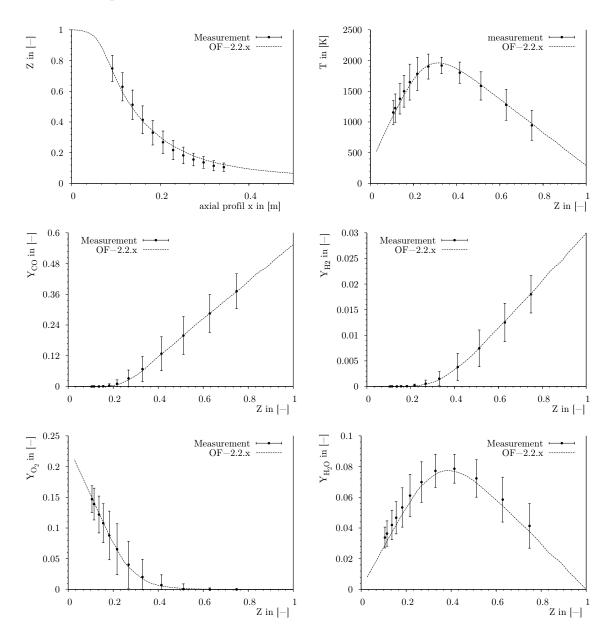
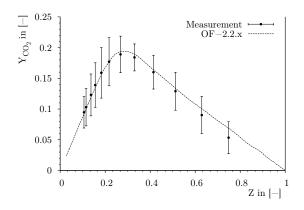
Flamelet Model for OpenFOAM®-2.2.x

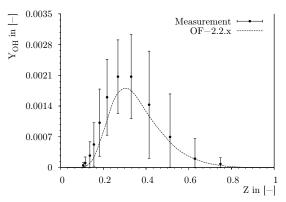
Validation

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 profils. For more information about the geometry and boundary conditions visit: http://www.sandia.gov/TNF/simplejet.html

Centerline profiles







Radial profiles x/D=30

