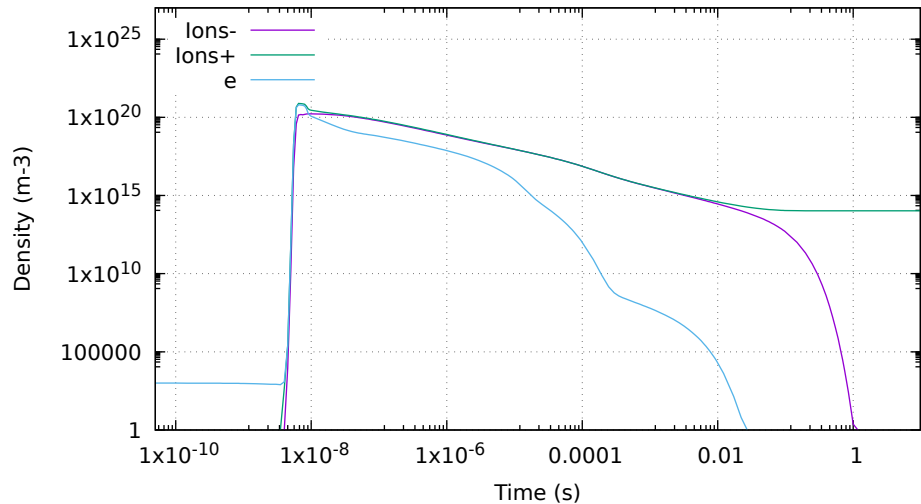
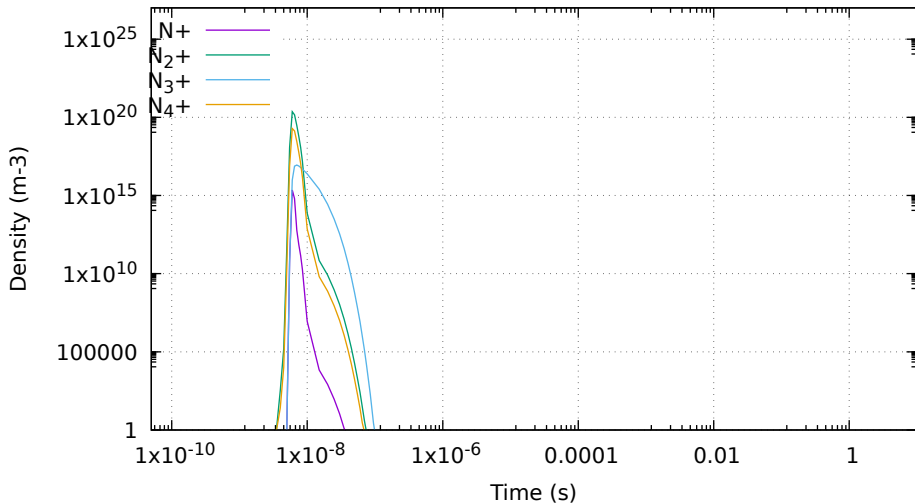


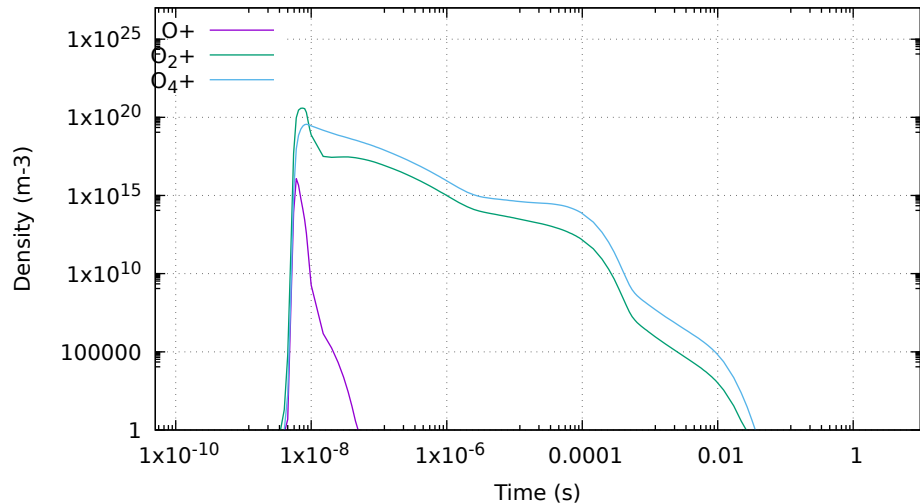
Charged Species (e and ions)



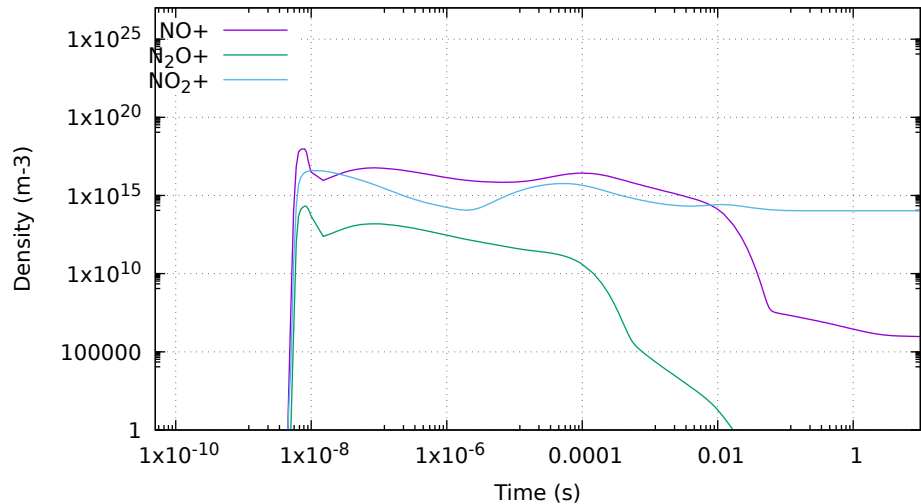
Positive Nitrogen Ion Species



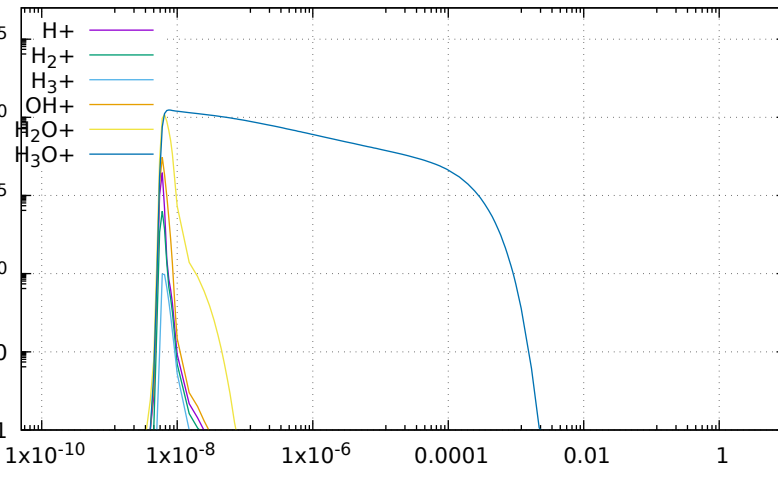
Positive Oxygen Ion Species



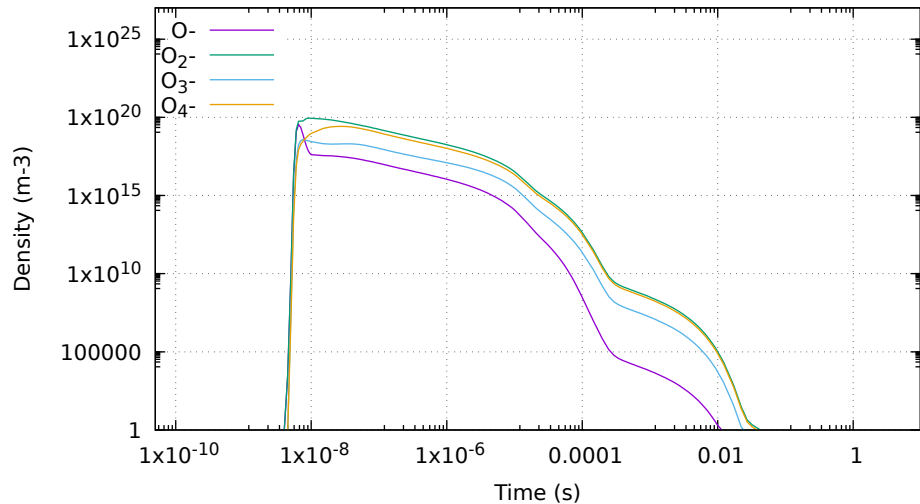
Positive Nitrogen-Oxide Ion Species



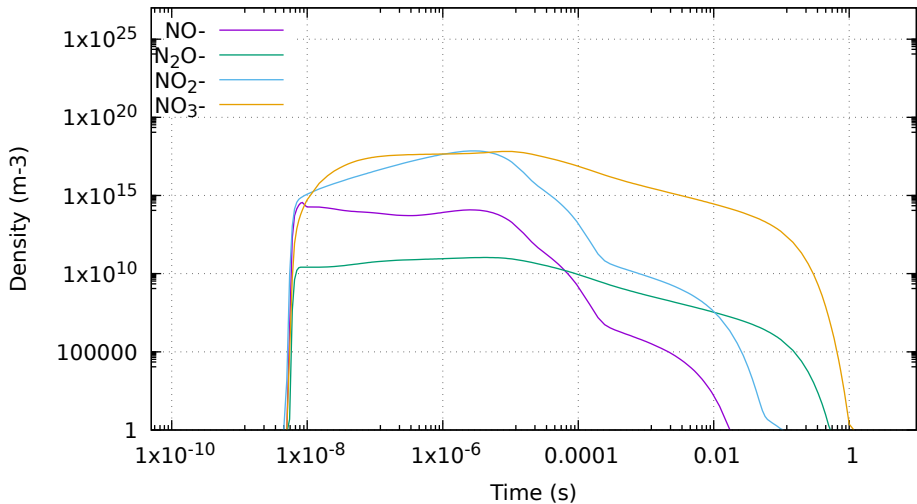
Positive Hydrogen Ion Species



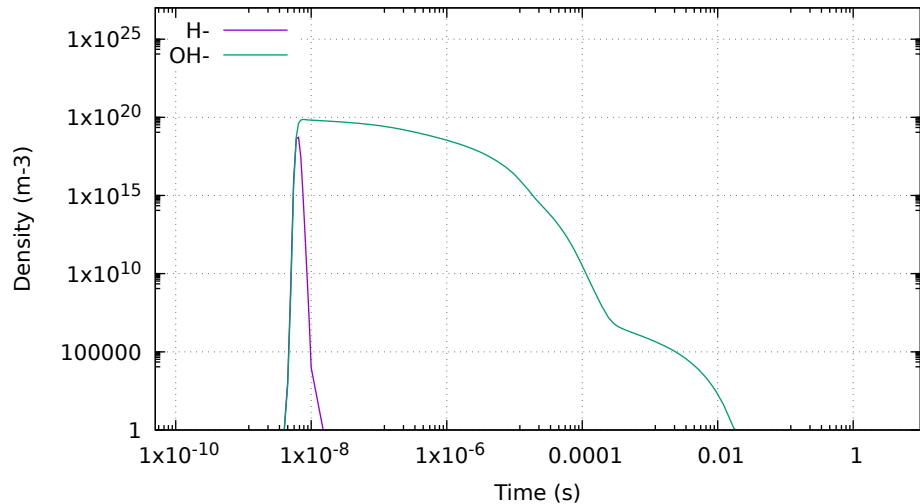
Negative Oxygen Ion Species



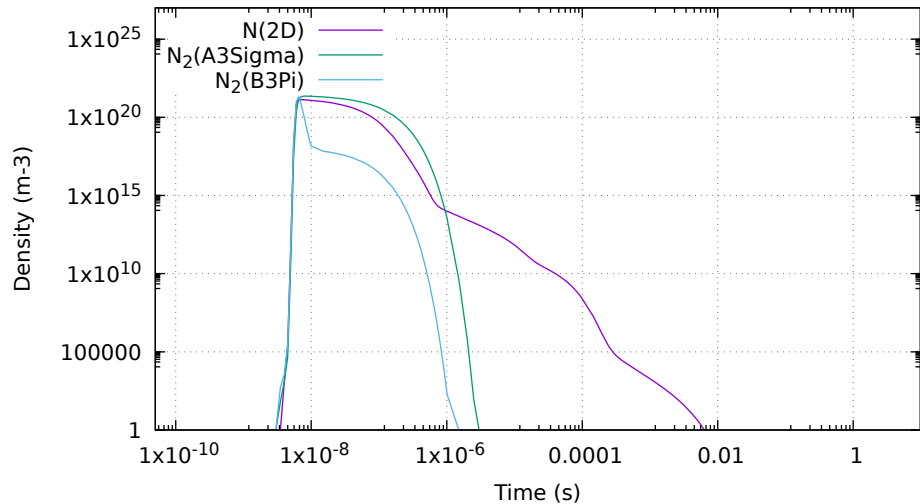
Negative Nitrogen-Oxide Ion Species



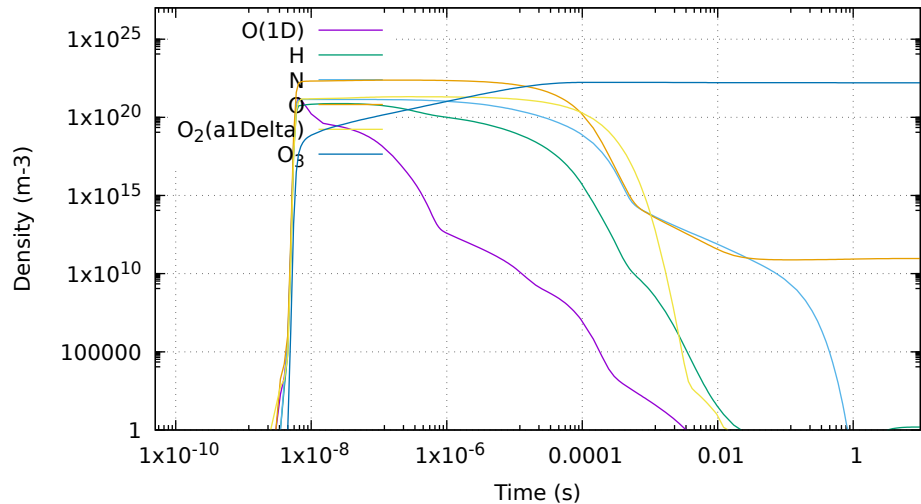
Negative Hydrogen Ion Species



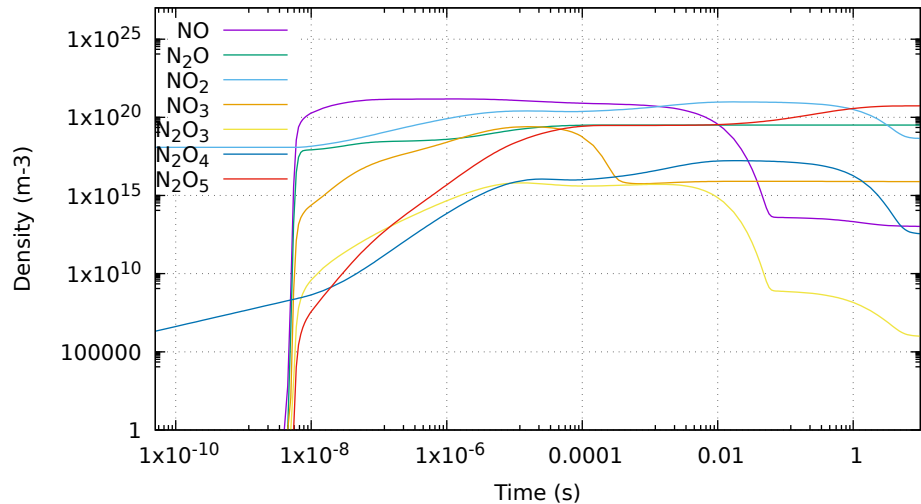
Nitrogen Excited Species



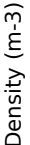
Atomic and Excited/Reactive Oxygen Species



Nitrogen-Oxide Species



Hydrogen containing neutral Species

 H_2

OH

 HO_2 H_2O_2 HNO_2 HNO_3
$$\begin{array}{l} \text{HNO}_2 \\ \text{HNO} \end{array}$$
 1×10^{-10} 1×10^{-8} 1×10^{-6}

0.0001

0.01

1

N_2 , O_2 and H_2O

