Tellurium notebook with inline OMEX representation of COMBINE archive

7.5 7 6.5 0 20 40 60 80 100

SBML encoding for reaction "v11a2"

```
<reaction id="v11a2" name="vET2" reversible="false" fast="false">
       <listOfReactants>
         <speciesReference species="C2" stoichiometry="1" constant="true"/>
         <speciesReference species="oxy" stoichiometry="1" constant="true"/>
       </list0fReactants>
       <speciesReference species="C1" stoichiometry="1" constant="true"/>
         <speciesReference species="H20" stoichiometry="1" constant="true"/>
       <listOfModifiers>
         <modifierSpeciesReference species="hyd"/>
         <modifierSpeciesReference species="N2"/>
       </listOfModifiers>
       <kineticLaw>
         <math xmlns="http://www.w3.org/1998/Math/MathML">
           <apply>
                 <plus/>
                 <cn type="integer"> 1 </cn>
                 <apply>
                   <power/>
                   <apply>
                     <divide/>
                     <ci> hyd </ci>
                     <ci> Kh </ci>
                   </apply>
                   <ci> m </ci>
                 </apply>
```

SED-ML encoding of timecourse simulation and plot portion

```
<listOfDataGenerators>
  <dataGenerator id="plot_0_0_0" name="time">
   <listOfVariables>
     <variable id="time" symbol="urn:sedml:symbol:time" taskReference="task1"/>
   </listOfVariables>
   <math xmlns="http://www.w3.org/1998/Math/MathML">
     <ci> time </ci>
   </dataGenerator>
  <dataGenerator id="plot_0_0_1" name="oxy">
   <listOfVariables>
     <variable id="oxy"</pre>
       target="/sbml:sbml:model/sbml:listOfSpecies/sbml:species[@id='oxy']"
       taskReference="task1" modelReference="wolf2001"/>
    </listOfVariables>
    <math xmlns="http://www.w3.org/1998/Math/MathML">
     <ci> oxy </ci>
   </dataGenerator>
</listOfDataGenerators>
tofOutputs>
 <plot2D id="plot_0" name="0xygen">
   Curves>
     <curve id="plot_0_plot_0_0__plot_0_0_1" logX="false" logY="false"</pre>
       xDataReference="plot_0_0_0" yDataReference="plot_0_0_1"/>
```