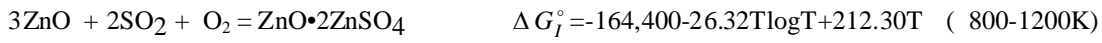




## Roaster Diagram



$$P_T := 1$$

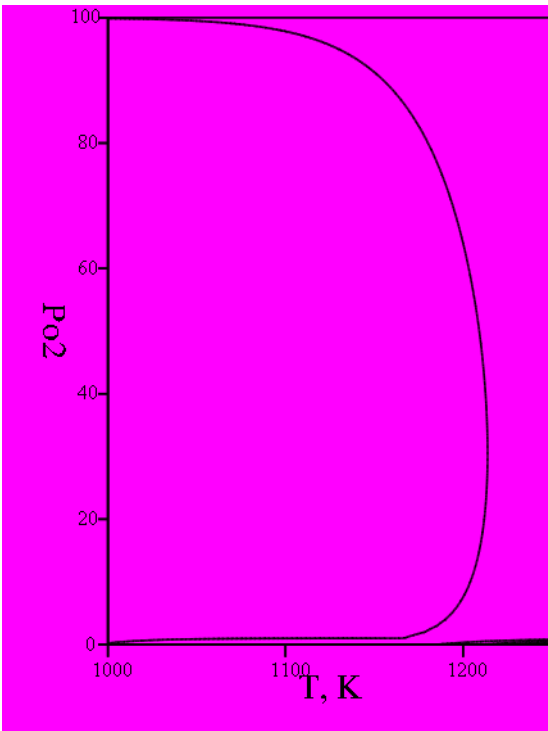
*EXAMPLE*

$$k_1(T) := e^{\frac{-(164400 + 26.32 \cdot T \cdot \log(T) - 212.30 \cdot T) \cdot 0.5}{1.987 \cdot T}}$$

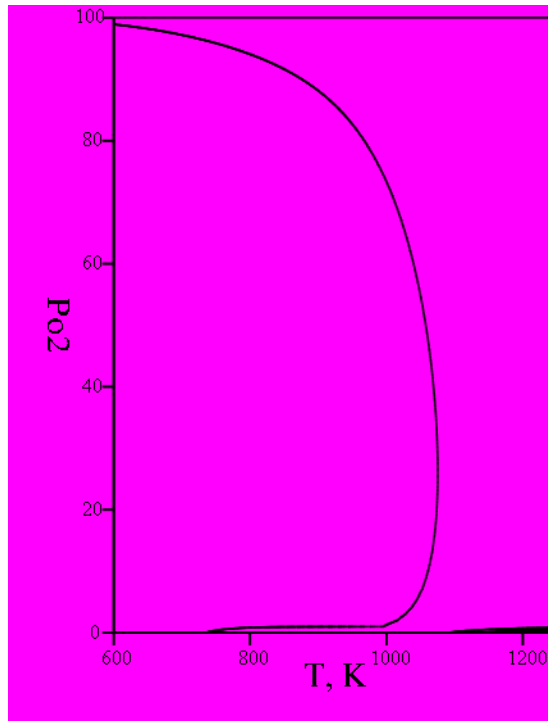
$$k_2(T) := e^{\frac{-(64290 + 5.56 \cdot T \cdot \log(T) - 71.39 \cdot T) \cdot 0.5}{1.987 \cdot T}} \quad k_3(T) := e^{\frac{-(-25010 - 5.56 \cdot T \cdot \log(T) + 40.52 \cdot T)}{1.987 \cdot T}}$$

$$i := 600..1250 \quad T_i := i \quad j := 0..100 \quad PO_{2j} := P_T \cdot (0.0000001 + 0.01 \cdot j)$$

$$S_{1i,j} := PO_{2j} + k_1(T_i) \cdot \left( \frac{1}{\sqrt{PO_{2j}}} + k_3(T_i) \right) - S_{2i,j} := PO_{2j} + k_2(T_i) \cdot \left( \frac{1}{\sqrt{PO_{2j}}} + k_3(T_i) \right) - P_T$$



S1



S2