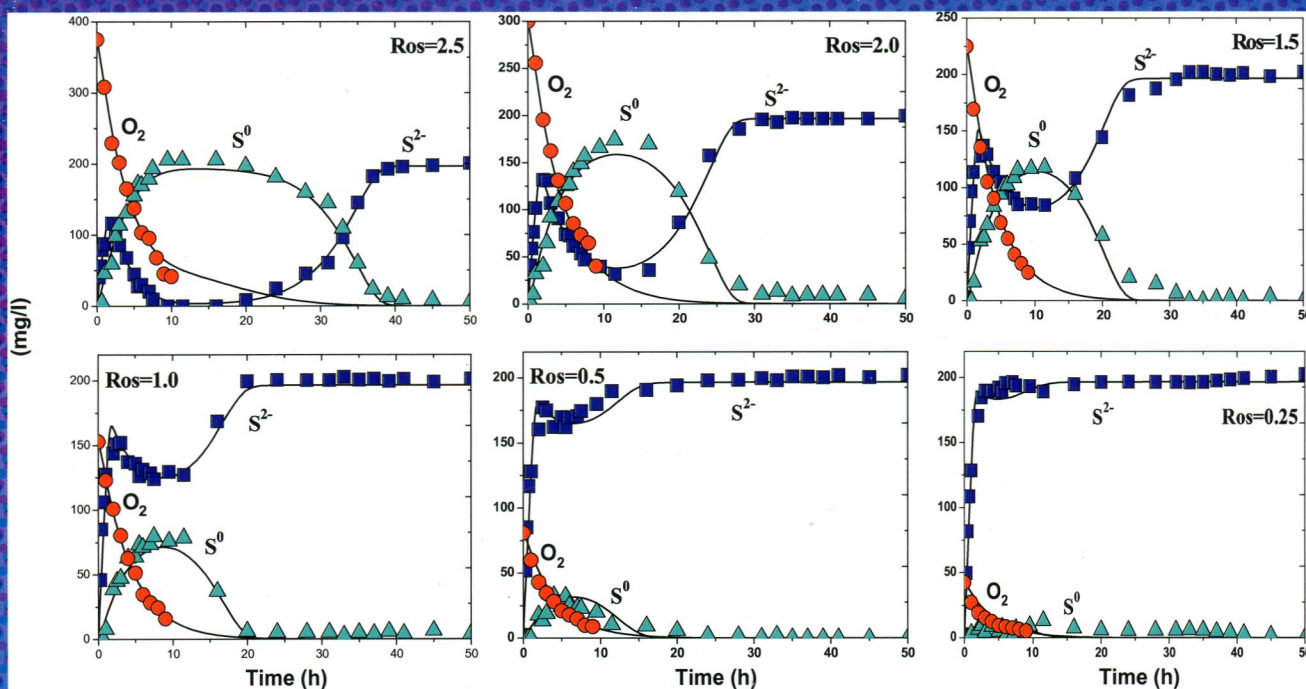


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Cover figure: Modeling fitting results of sulfide oxidation, elemental sulfur bioreduction and oxygen consumption equations to the experimental data at different R_{OS} (except $R_{OS} = 0$). The model (solid line) was fitted to data at $R_{OS} = 1.0$, which resulted in the parameter values. Model curves obtained with the same parameter values were shown for other six data sets for comparison. See the article "Sulfate-reduction, sulfide-oxidation and elemental sulfur bioreduction process: Modeling and experimental validation" by X. Xu et al.