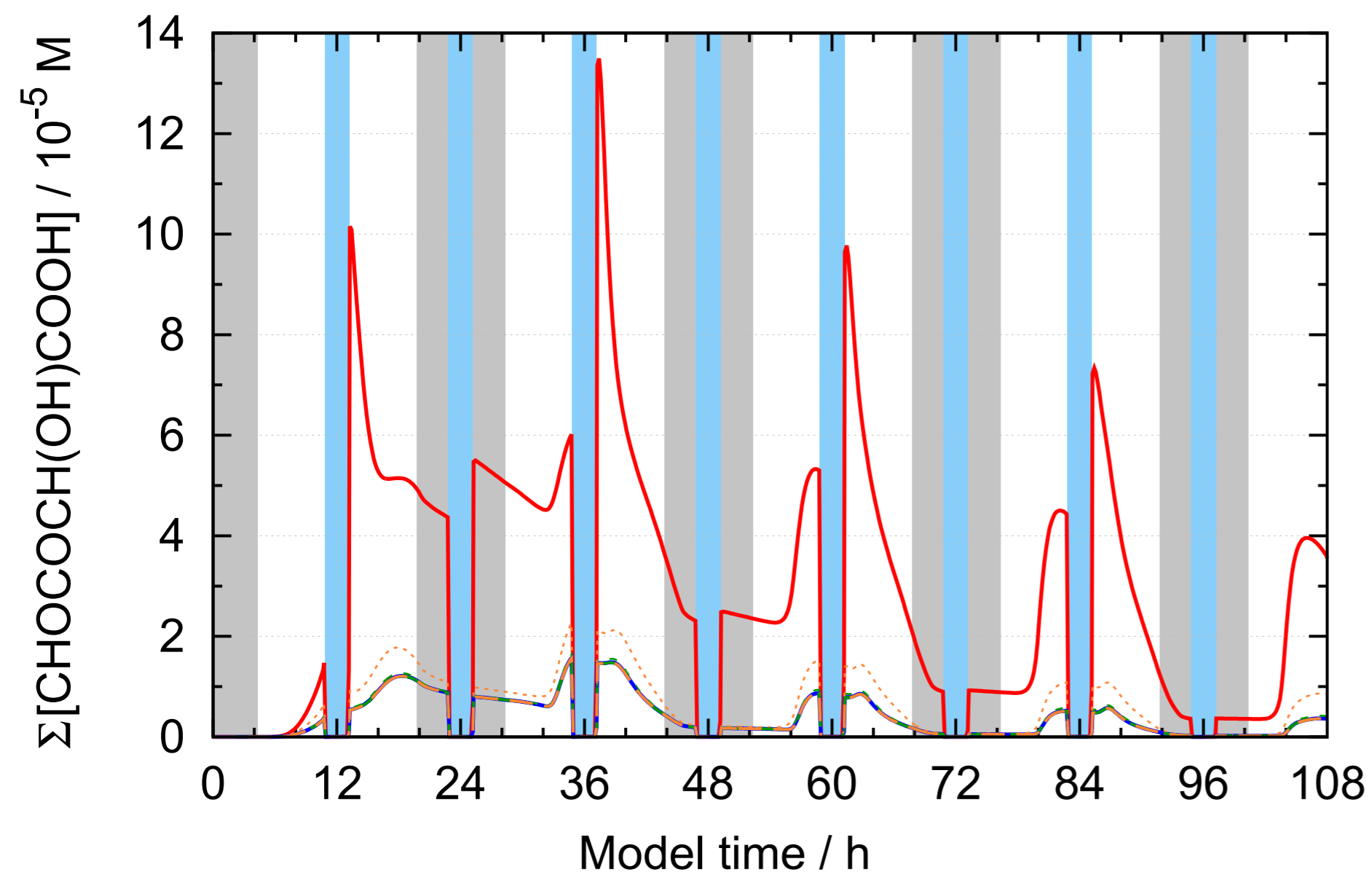
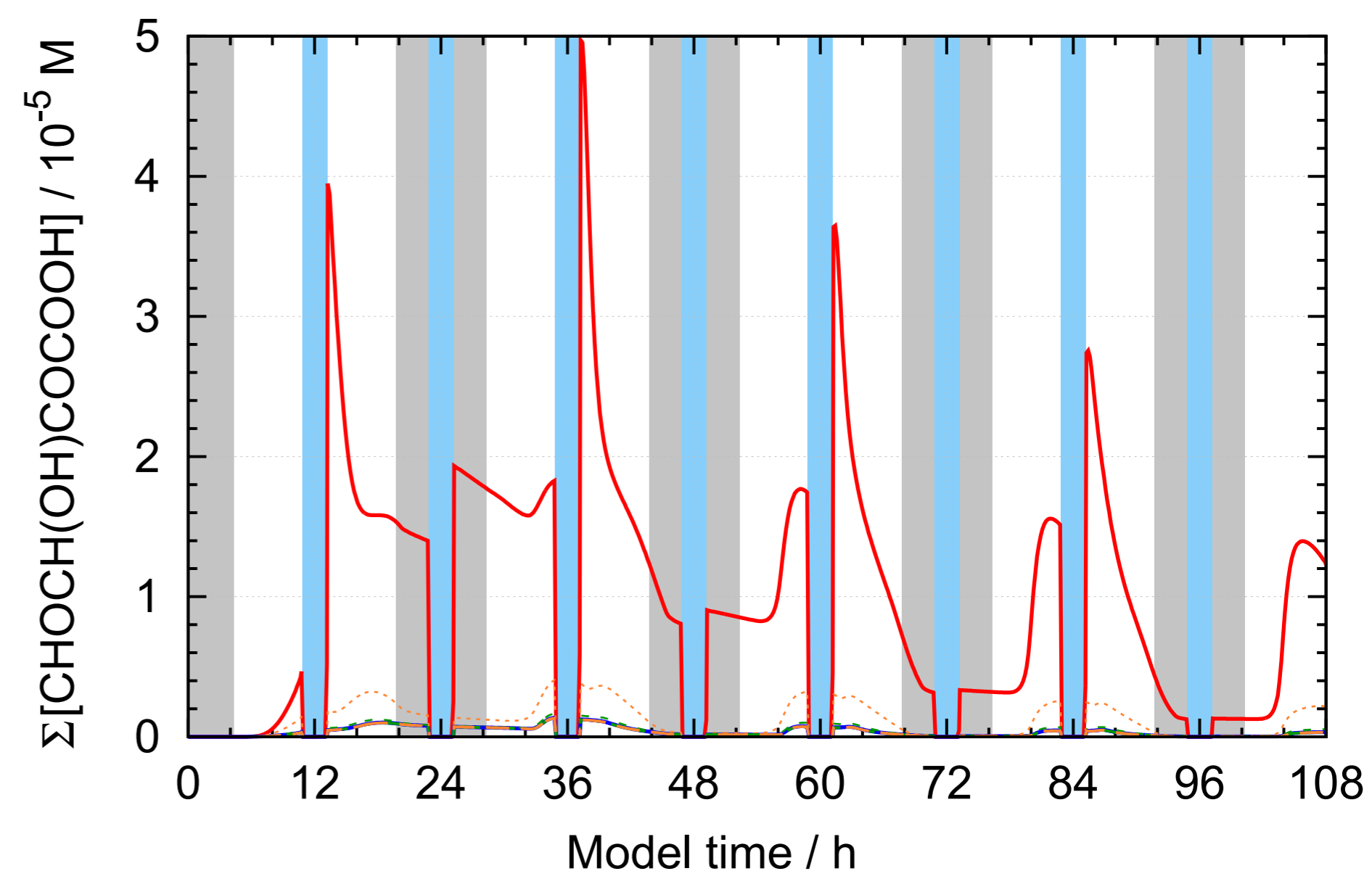


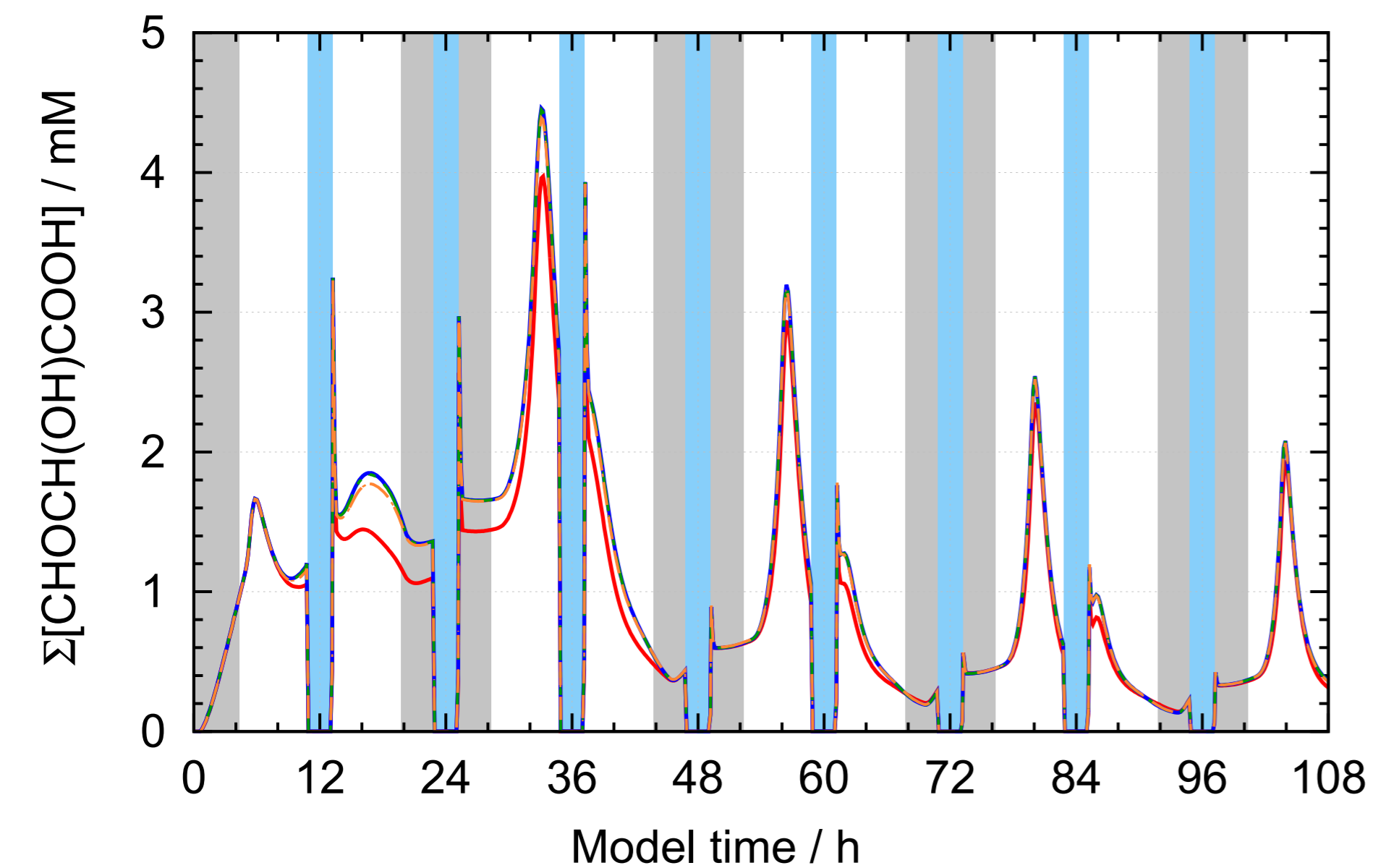
(a) 3,4-Dioxo-2-hydroxy-butyric acid



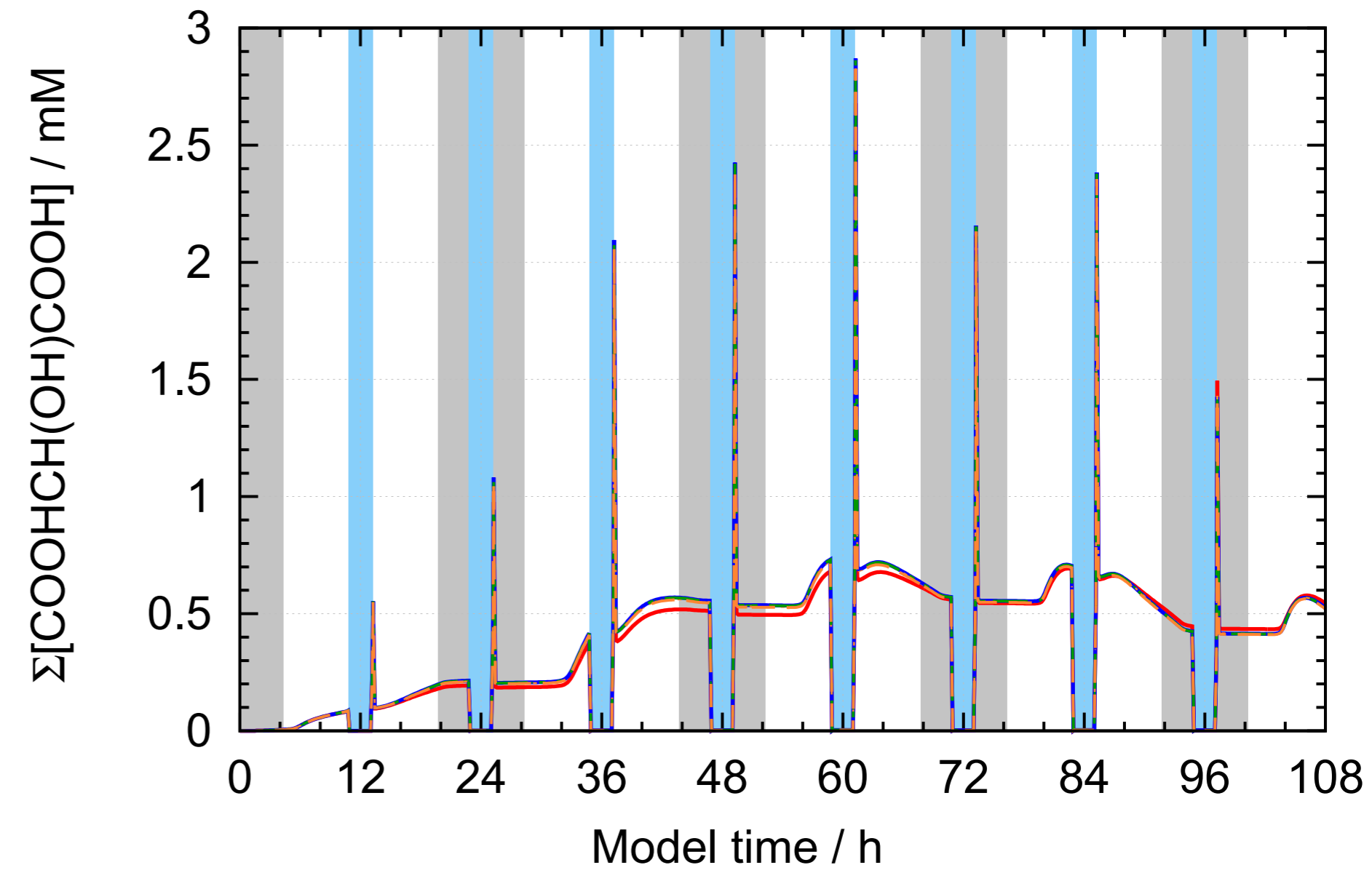
(b) 2,4-Dioxo-3-hydroxy-butyric acid



(c) Oxo-lactic acid



(d) Tartronic acid



woBB ——— BBe-1+OH - - - - BBe0woOH - · - · - BBe-2woOH - - - - BBe0+OH ——— BBe-2+OH · · · · BBe-1woOH - - - -