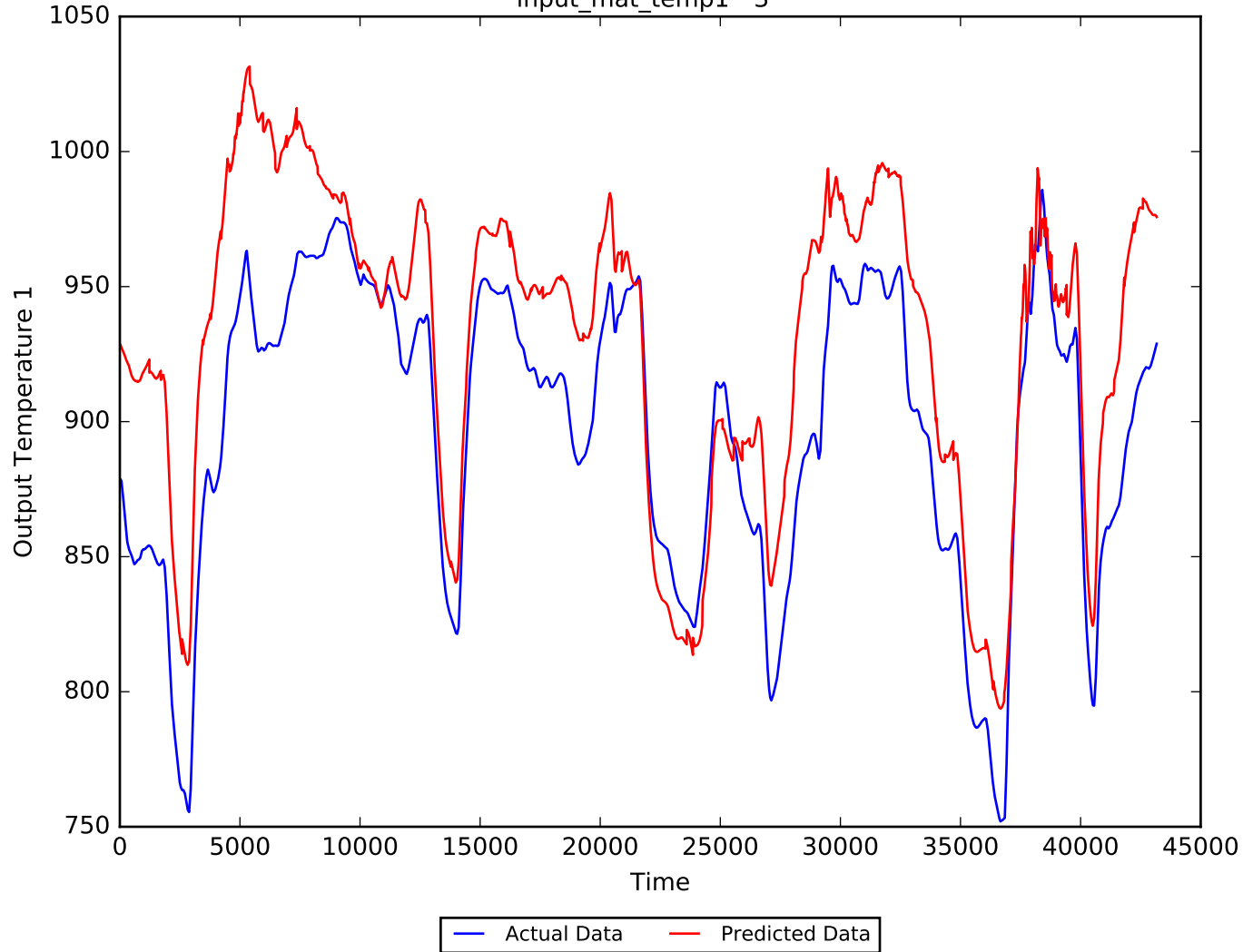
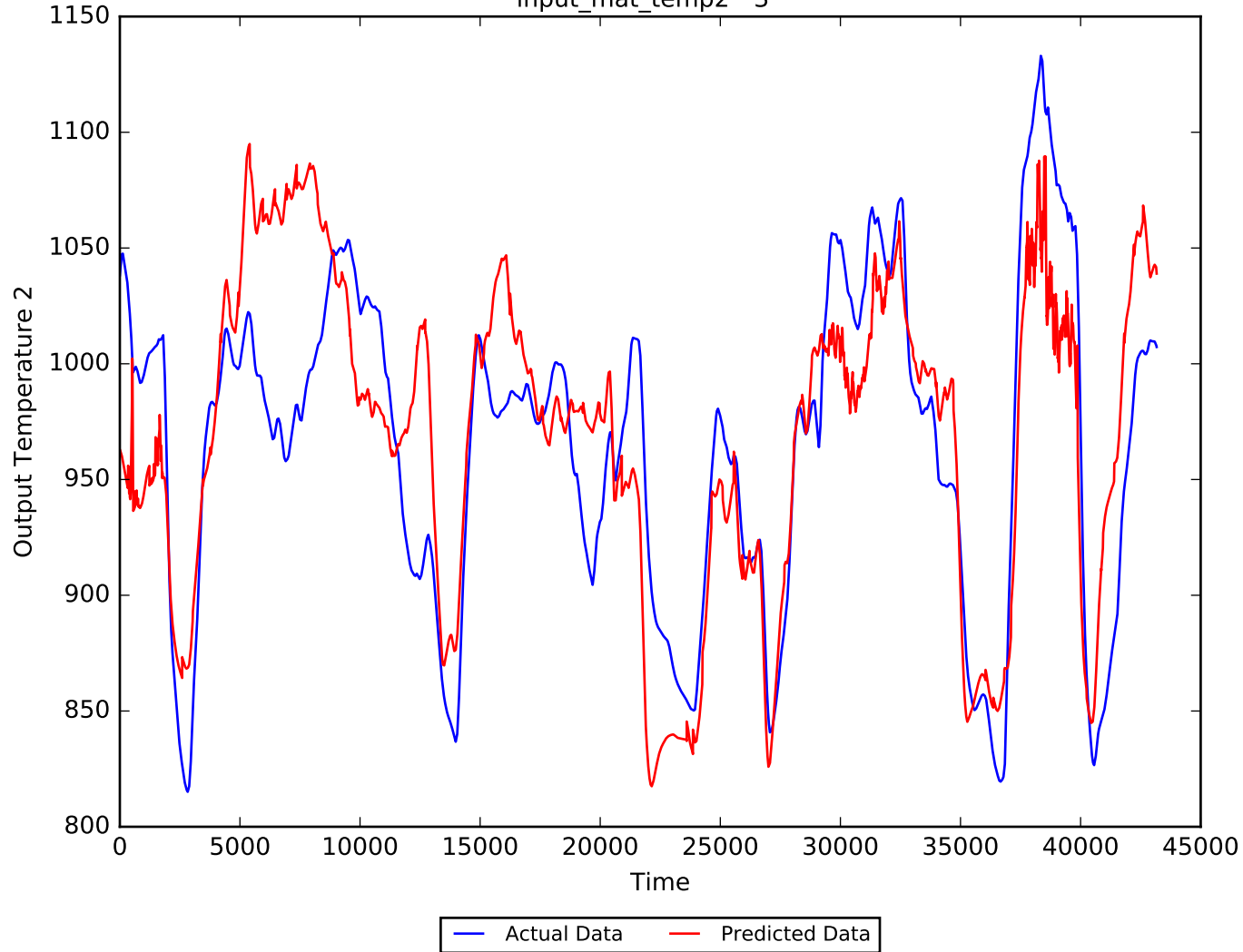


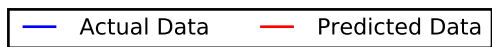
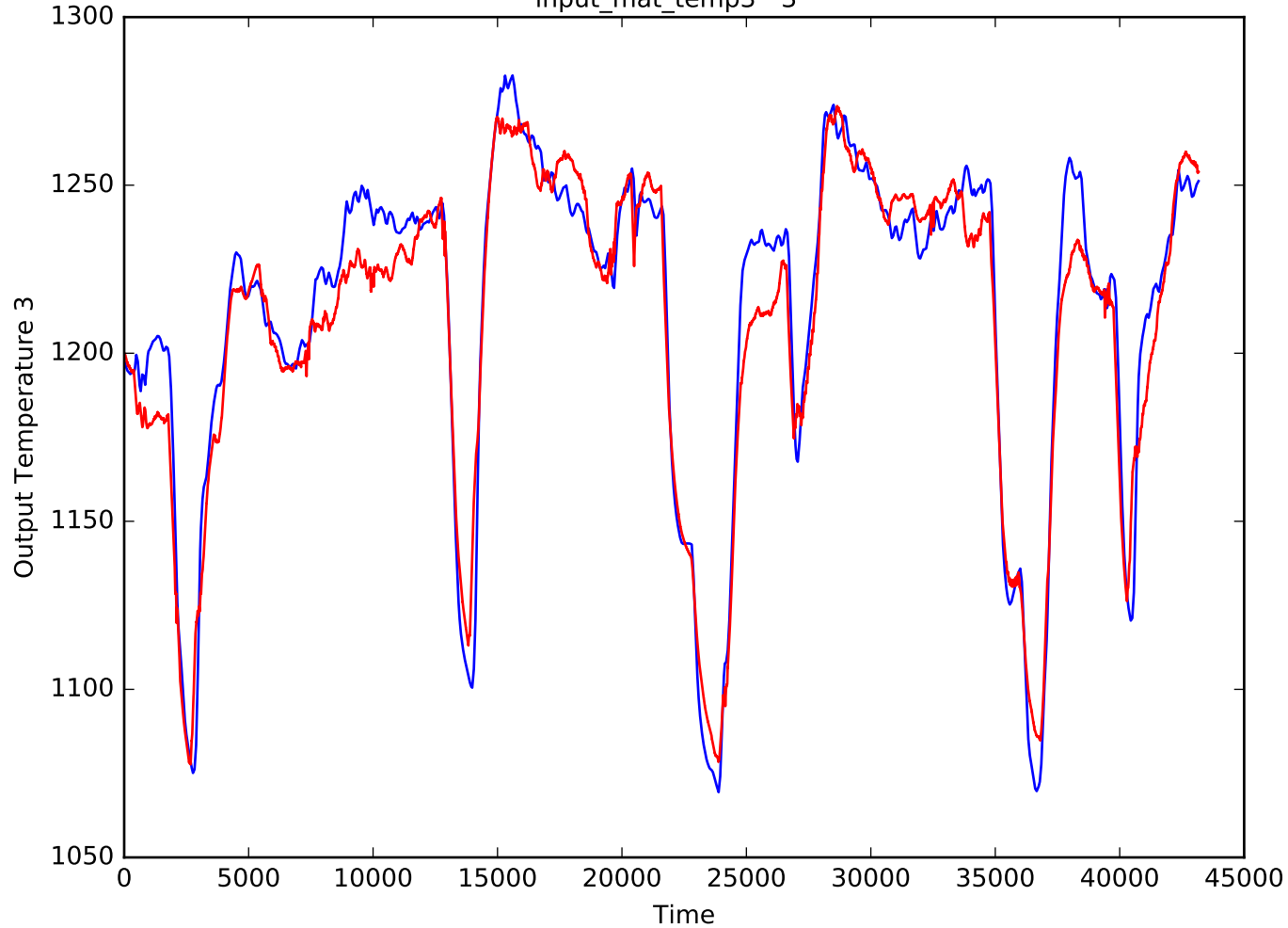
$$\text{output_section_temp1} \sim \text{input_heat_energy1} + \text{input_wall_temp1} + \text{input_mat_temp1} + \text{input_wall_temp1}^2 + \text{input_heat_energy1}^2 + \text{input_mat_temp1}^2 + \text{input_wall_temp1}^3 + \text{input_heat_energy1}^3 + \text{input_mat_temp1}^3$$



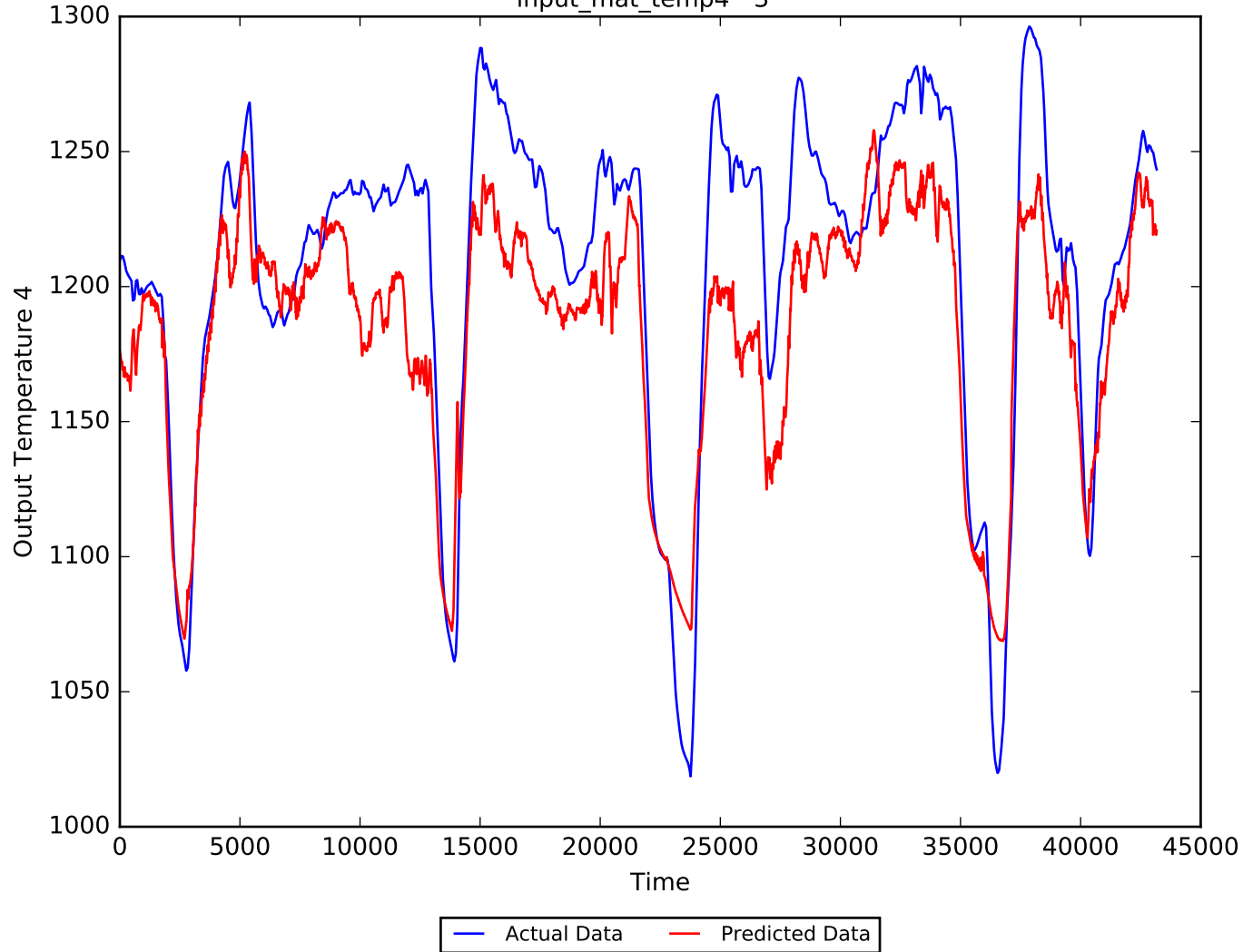
$$\text{output_section_temp2} \sim \text{input_heat_energy2} + \text{input_wall_temp2} + \text{input_mat_temp2} + \text{input_wall_temp2}^2 + \text{input_heat_energy2}^2 + \text{input_mat_temp2}^2 + \text{input_wall_temp2}^3 + \text{input_heat_energy2}^3 + \text{input_mat_temp2}^3$$



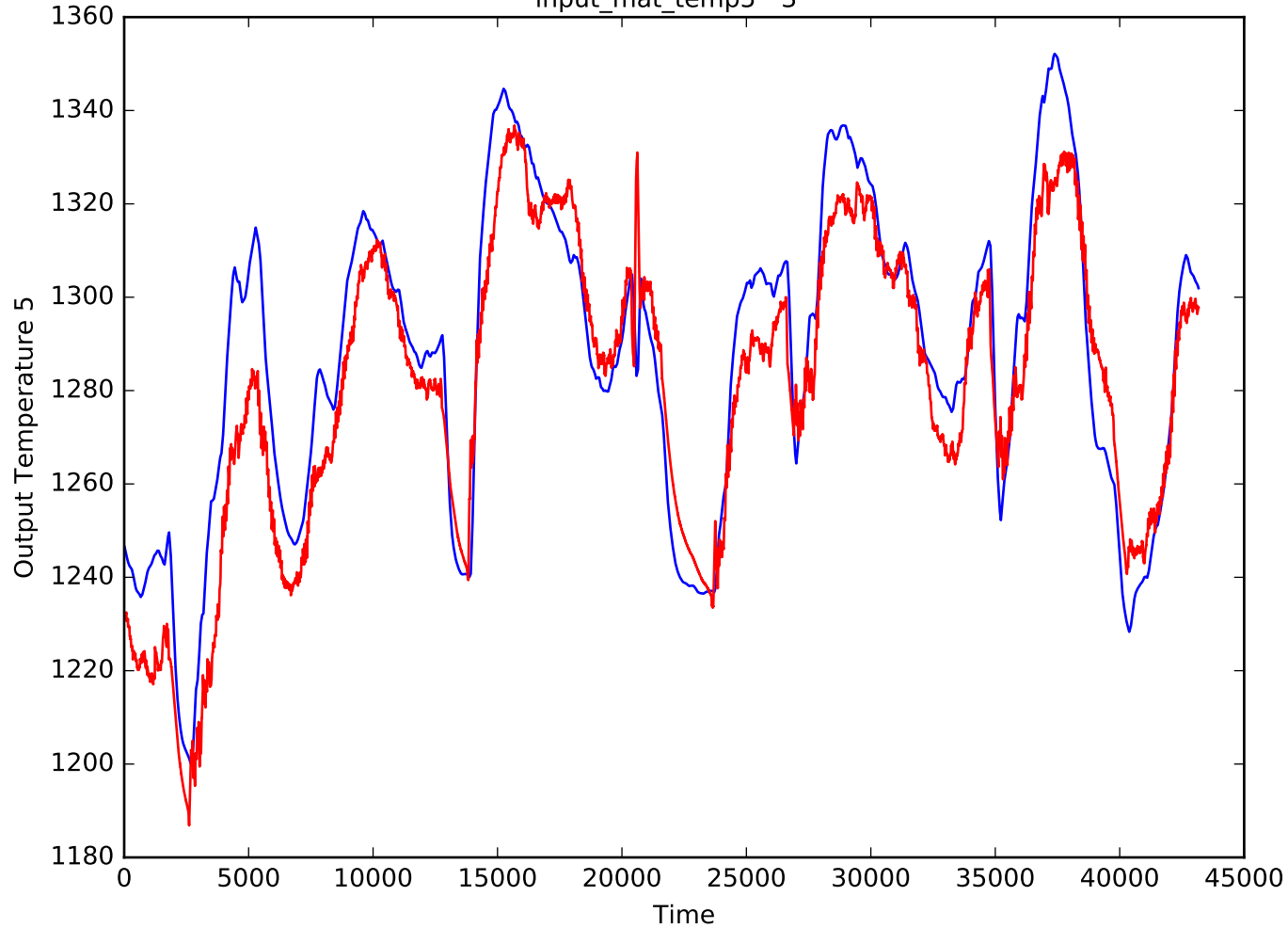
$$\text{output_section_temp3} \sim \text{input_heat_energy3} + \text{input_wall_temp3} + \text{input_mat_temp3} + \text{input_wall_temp3}^2 + \text{input_heat_energy3}^2 + \text{input_mat_temp3}^2 + \text{input_wall_temp3}^3 + \text{input_heat_energy3}^3 + \text{input_mat_temp3}^3$$



$$\text{output_section_temp4} \sim \text{input_heat_energy4} + \text{input_wall_temp4} + \text{input_mat_temp4} + \text{input_wall_temp4}^2 + \text{input_heat_energy4}^2 + \text{input_mat_temp4}^2 + \text{input_wall_temp4}^3 + \text{input_heat_energy4}^3 + \text{input_mat_temp4}^3$$

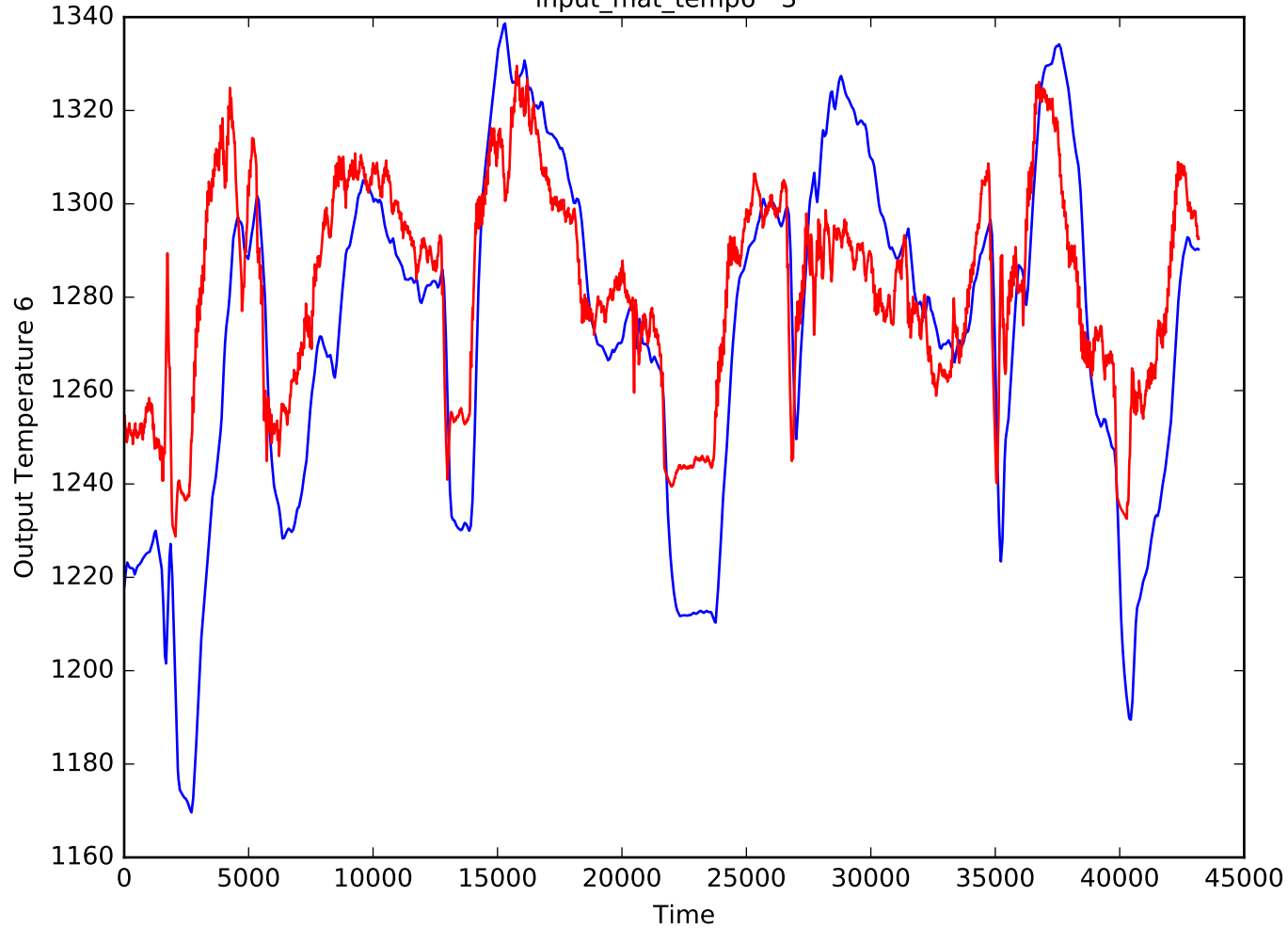


$$\text{output_section_temp5} \sim \text{input_heat_energy5} + \text{input_wall_temp5} + \text{input_mat_temp5} + \text{input_wall_temp5}^2 + \text{input_heat_energy5}^2 + \text{input_mat_temp5}^2 + \text{input_wall_temp5}^3 + \text{input_heat_energy5}^3 + \text{input_mat_temp5}^3$$



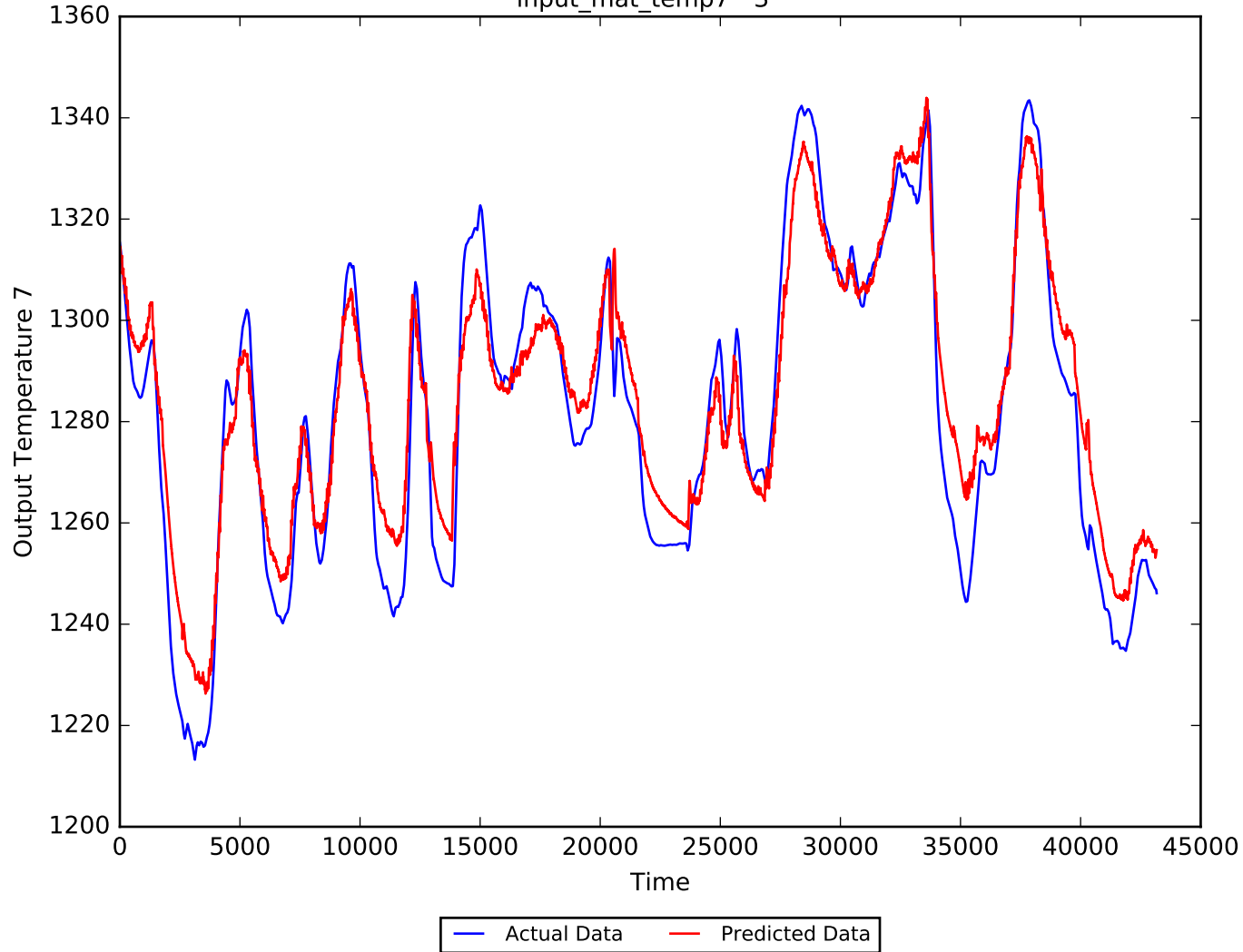
— Actual Data — Predicted Data

$$\text{output_section_temp6} \sim \text{input_heat_energy6} + \text{input_wall_temp6} + \text{input_mat_temp6} + \text{input_wall_temp6}^2 + \text{input_heat_energy6}^2 + \text{input_mat_temp6}^2 + \text{input_wall_temp6}^3 + \text{input_heat_energy6}^3 + \text{input_mat_temp6}^3$$

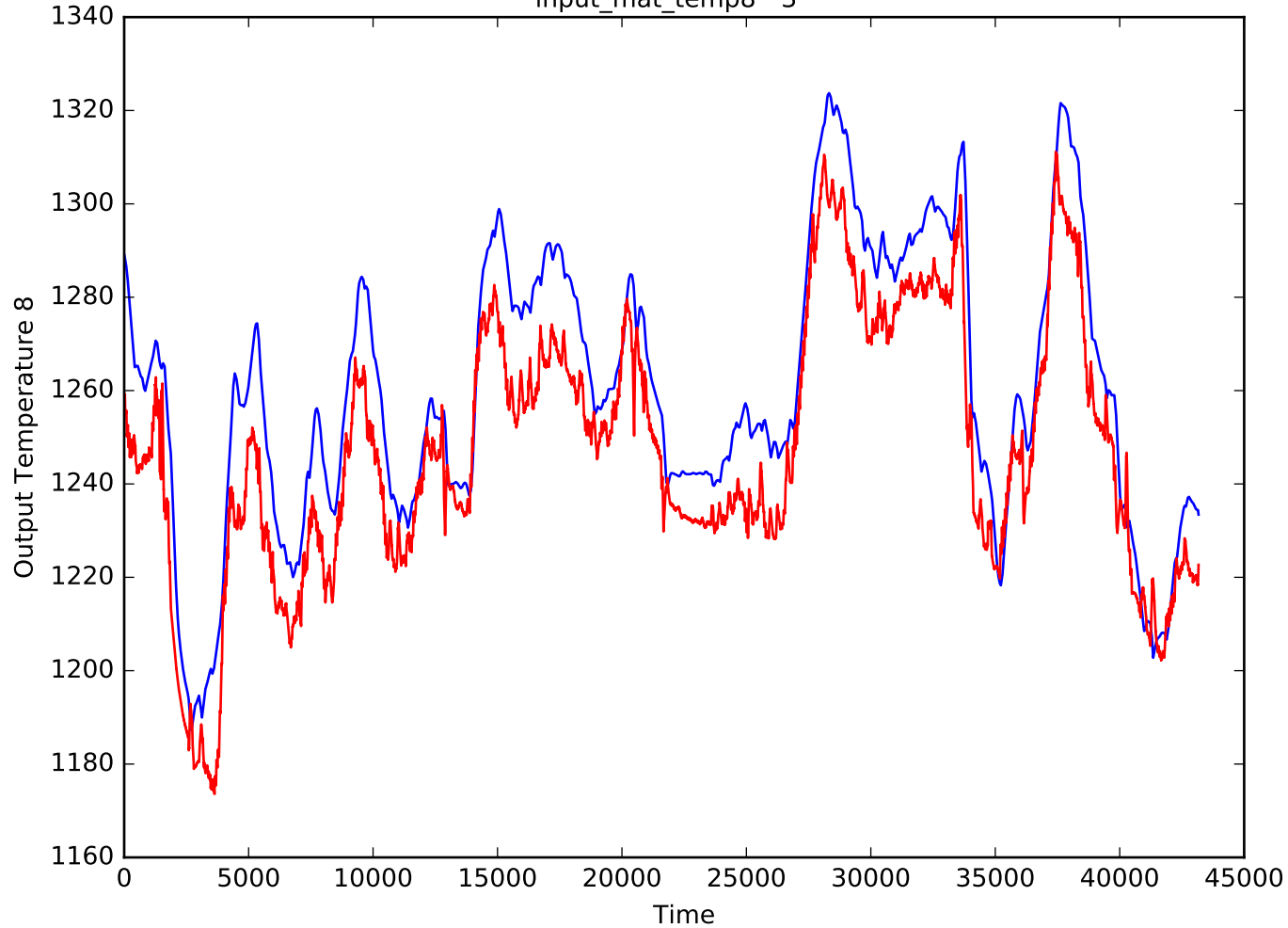


— Actual Data — Predicted Data

$$\text{output_section_temp7} \sim \text{input_heat_energy7} + \text{input_wall_temp7} + \text{input_mat_temp7} + \text{input_wall_temp7}^2 + \text{input_heat_energy7}^2 + \text{input_mat_temp7}^2 + \text{input_wall_temp7}^3 + \text{input_heat_energy7}^3 + \text{input_mat_temp7}^3$$

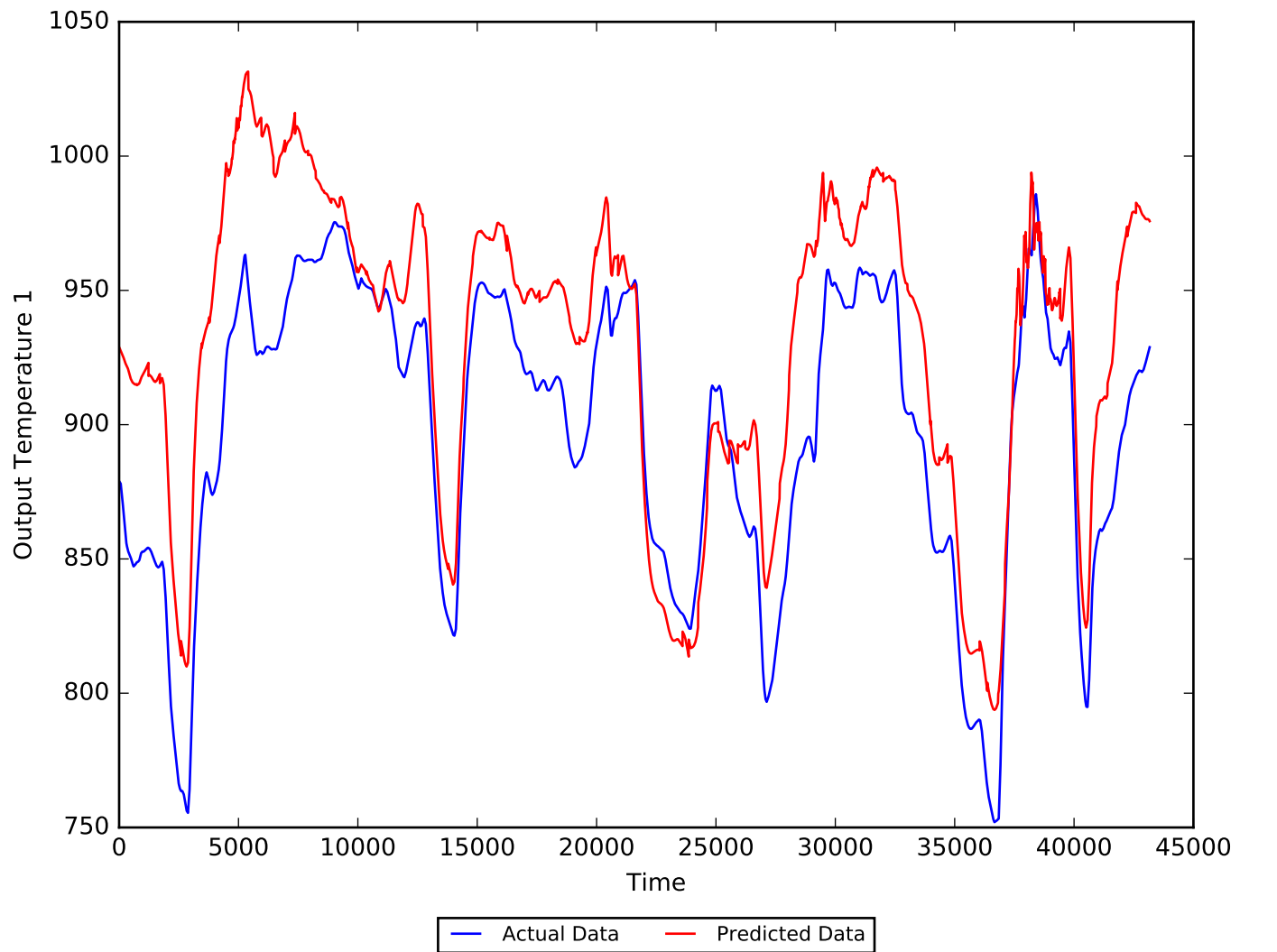


$$\text{output_section_temp8} \sim \text{input_heat_energy8} + \text{input_wall_temp8} + \text{input_mat_temp8} + \text{input_wall_temp8}^2 + \text{input_heat_energy8}^2 + \text{input_mat_temp8}^2 + \text{input_wall_temp8}^3 + \text{input_heat_energy8}^3 + \text{input_mat_temp8}^3$$

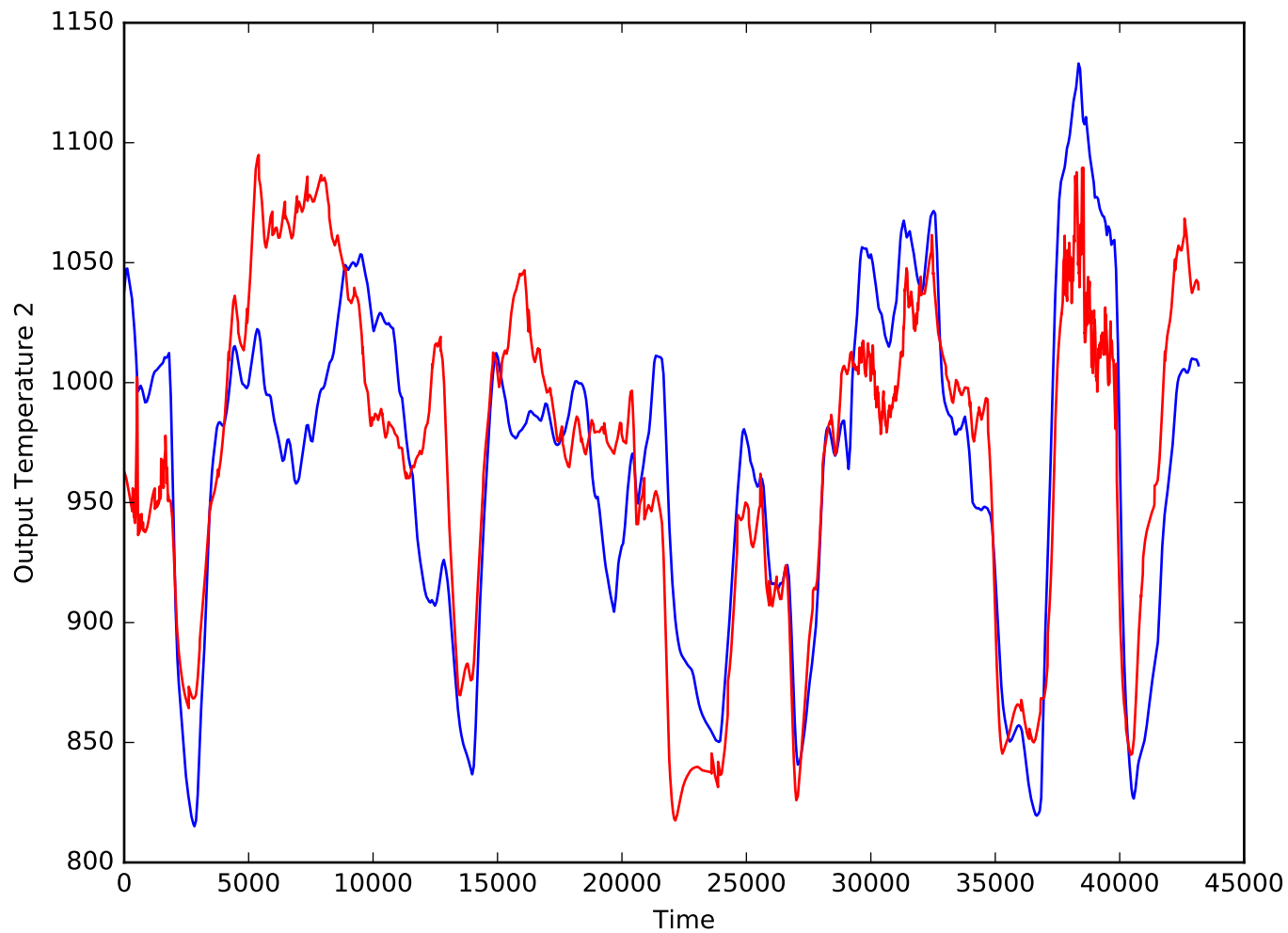


— Actual Data — Predicted Data

$$\text{output_section_temp1} \sim \text{input_heat_energy1} + \text{input_wall_temp1} + \text{input_mat_temp1} + \text{input_wall_temp1}^2 + \text{input_heat_energy1}^2 + \text{input_mat_temp1}^2$$

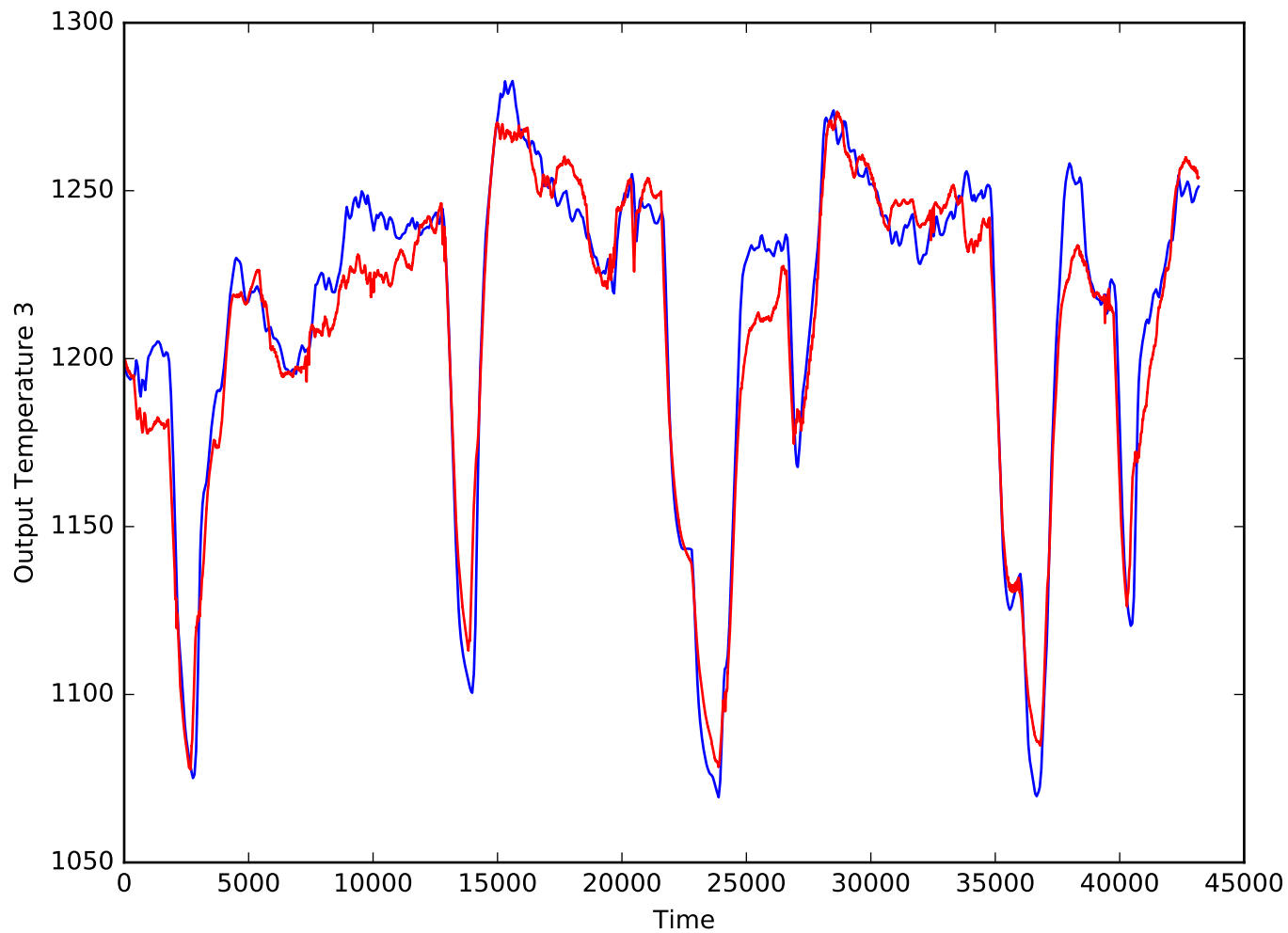


$$\text{output_section_temp2} \sim \text{input_heat_energy2} + \text{input_wall_temp2} + \text{input_mat_temp2} + \text{input_wall_temp2}^2 + \text{input_heat_energy2}^2 + \text{input_mat_temp2}^2$$



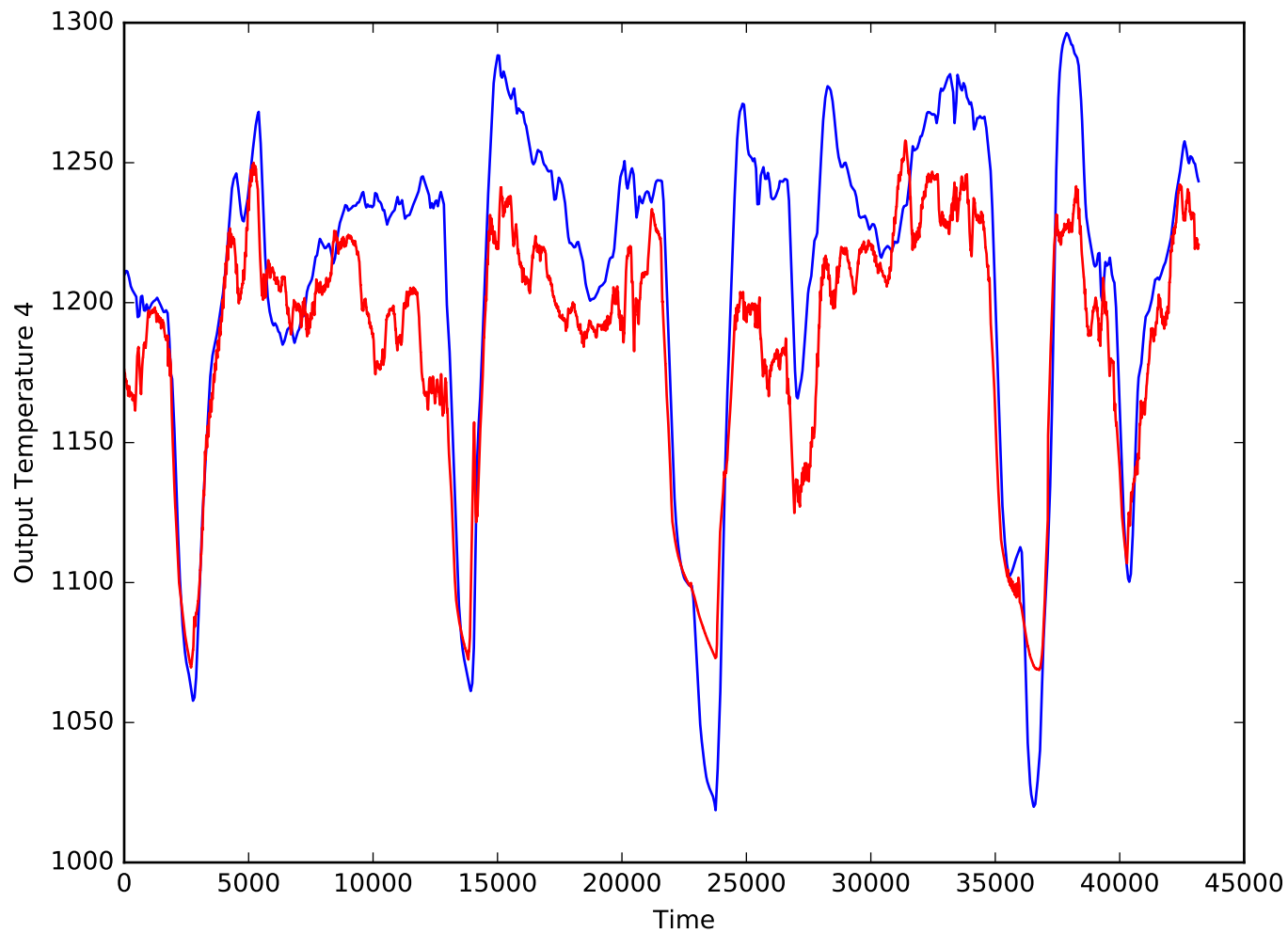
Actual Data Predicted Data

$$\text{output_section_temp3} \sim \text{input_heat_energy3} + \text{input_wall_temp3} + \text{input_mat_temp3} + \text{input_wall_temp3}^2 + \text{input_heat_energy3}^2 + \text{input_mat_temp3}^2$$



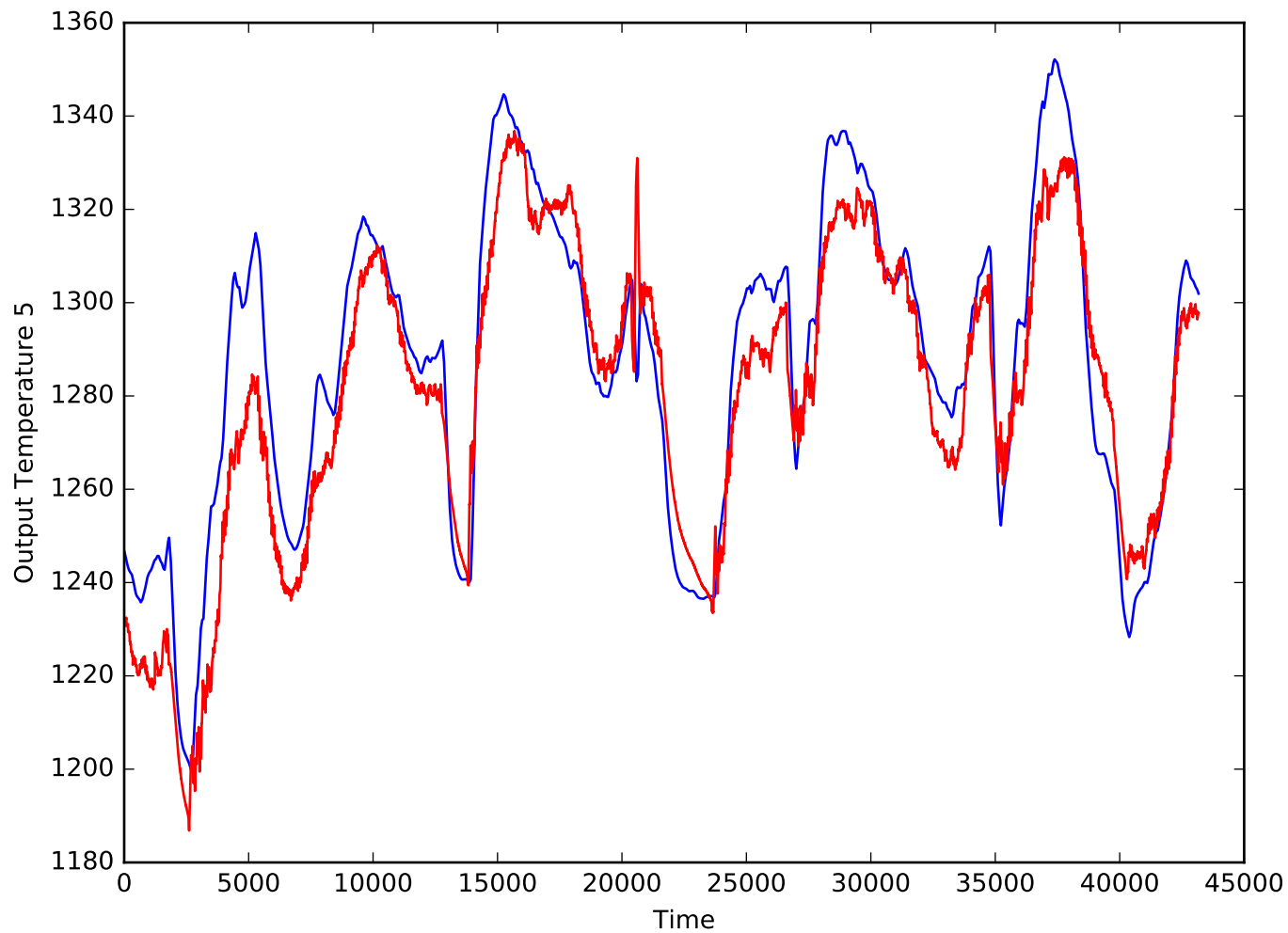
— Actual Data — Predicted Data

$$\text{output_section_temp4} \sim \text{input_heat_energy4} + \text{input_wall_temp4} + \text{input_mat_temp4} + \text{input_wall_temp4}^2 + \text{input_heat_energy4}^2 + \text{input_mat_temp4}^2$$



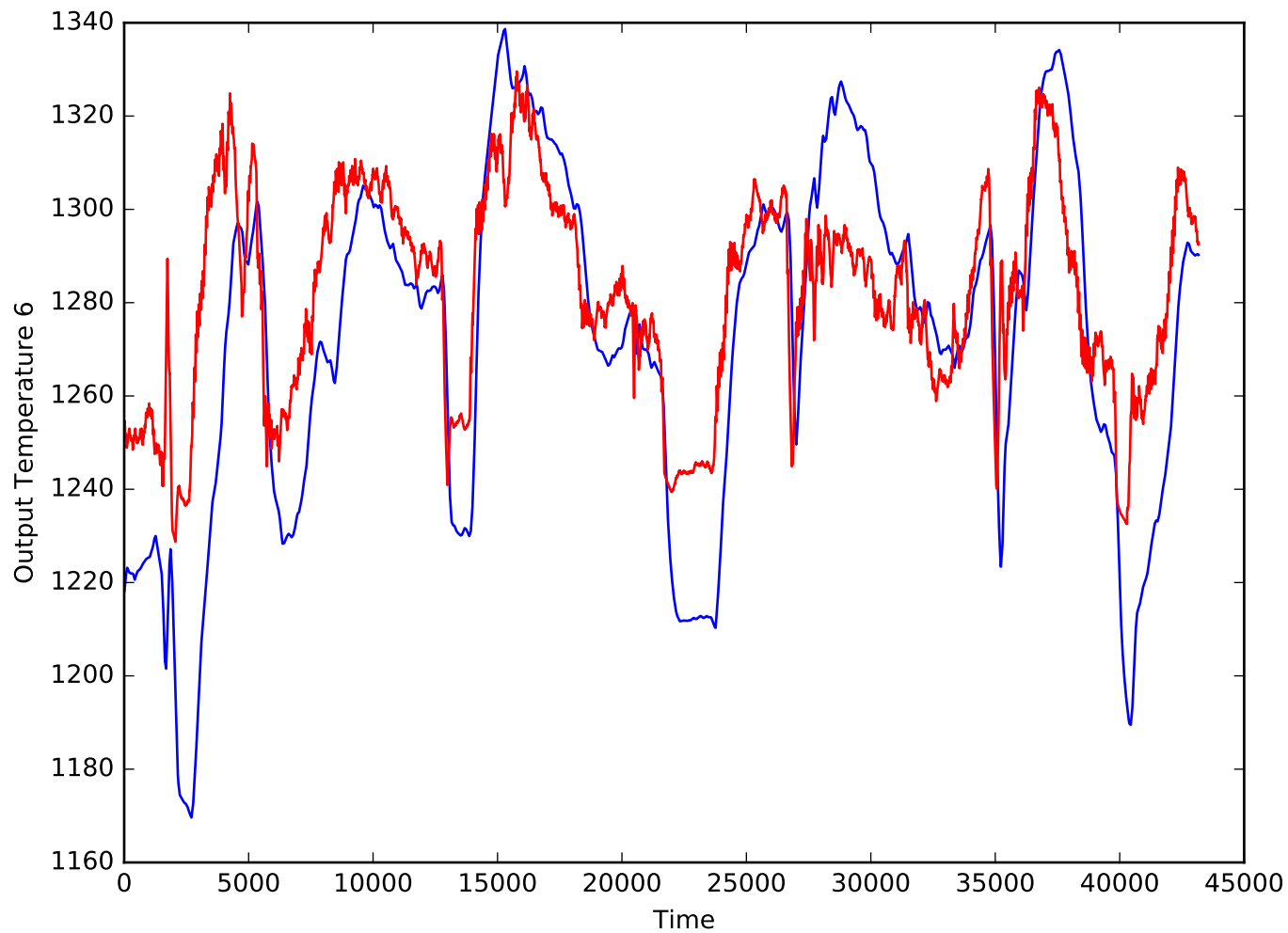
— Actual Data — Predicted Data

$$\text{output_section_temp5} \sim \text{input_heat_energy5} + \text{input_wall_temp5} + \text{input_mat_temp5} + \text{input_wall_temp5}^2 + \text{input_heat_energy5}^2 + \text{input_mat_temp5}^2$$



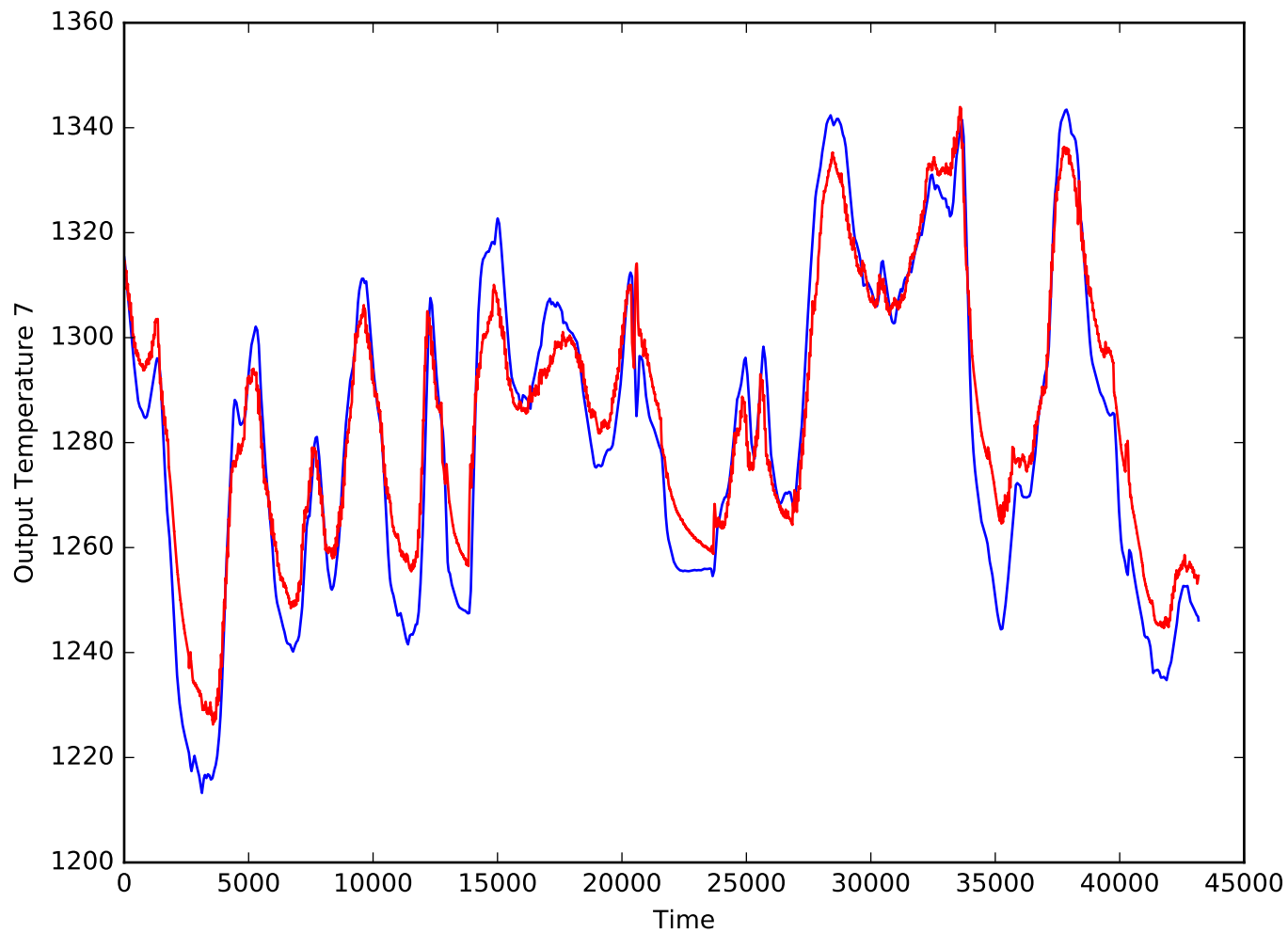
Actual Data Predicted Data

$$\text{output_section_temp6} \sim \text{input_heat_energy6} + \text{input_wall_temp6} + \text{input_mat_temp6} + \text{input_wall_temp6}^2 + \text{input_heat_energy6}^2 + \text{input_mat_temp6}^2$$



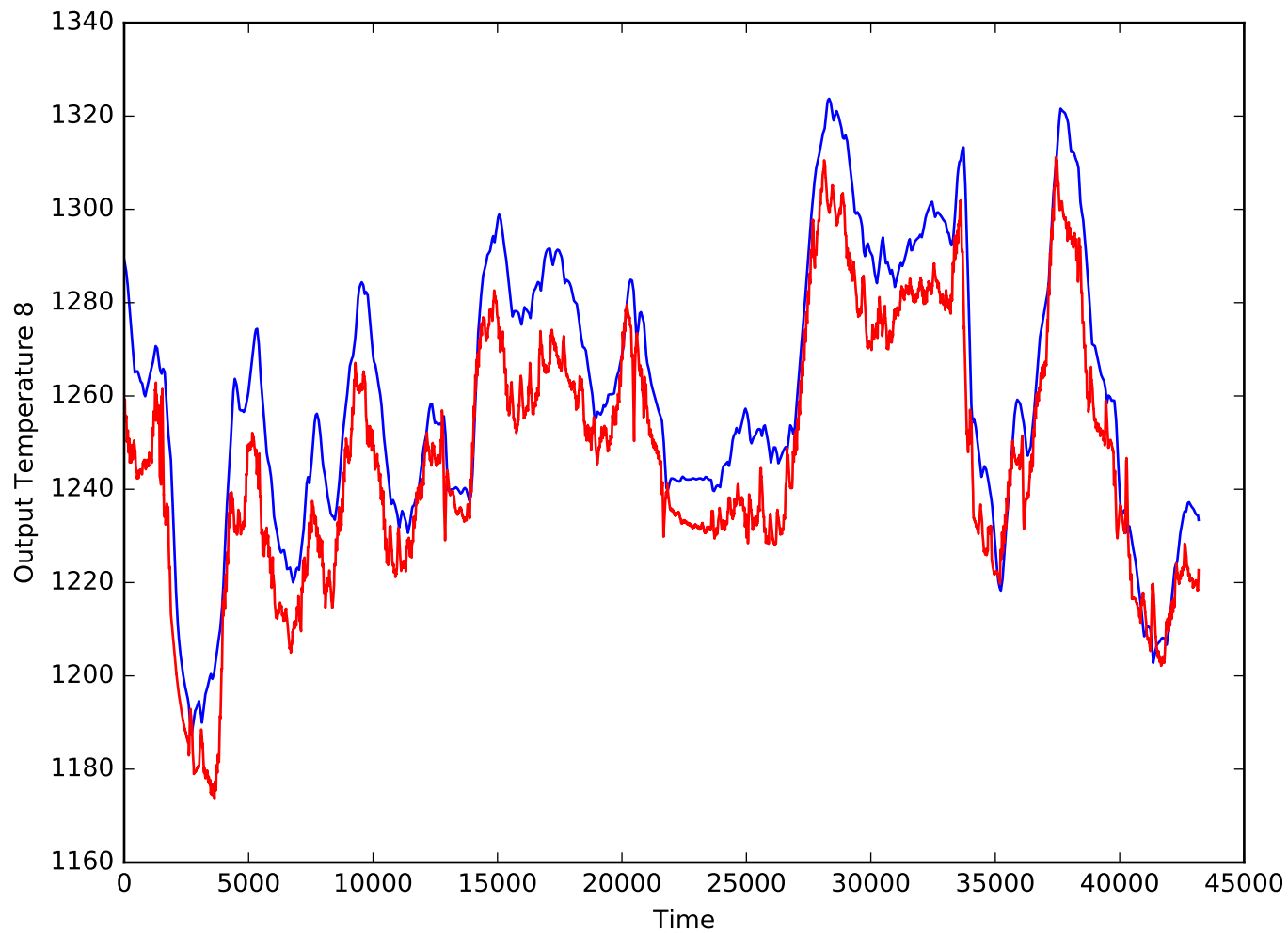
— Actual Data — Predicted Data

$$\text{output_section_temp7} \sim \text{input_heat_energy7} + \text{input_wall_temp7} + \text{input_mat_temp7} + \text{input_wall_temp7}^2 + \text{input_heat_energy7}^2 + \text{input_mat_temp7}^2$$



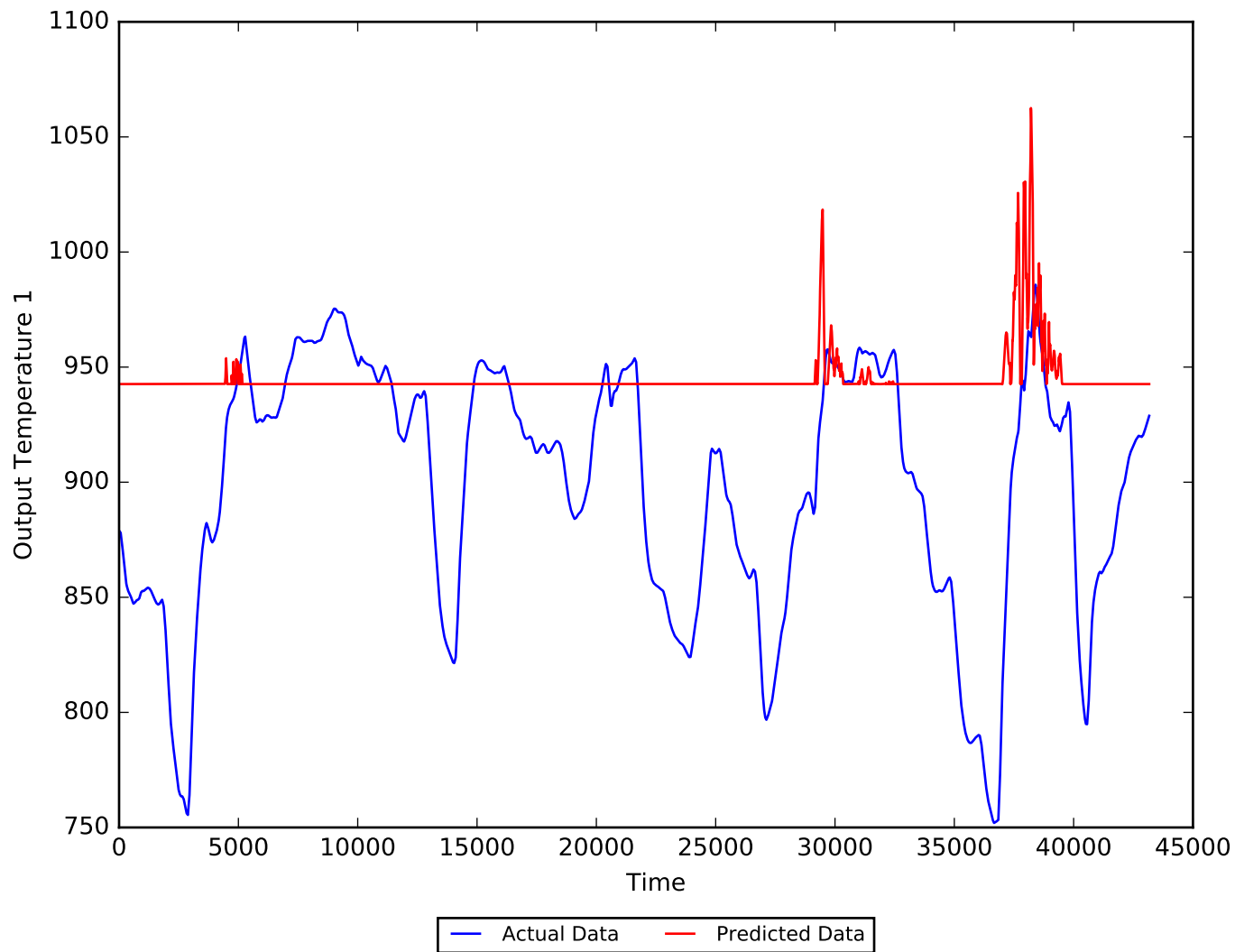
— Actual Data — Predicted Data

$$\text{output_section_temp8} \sim \text{input_heat_energy8} + \text{input_wall_temp8} + \text{input_mat_temp8} + \text{input_wall_temp8}^2 + \text{input_heat_energy8}^2 + \text{input_mat_temp8}^2$$

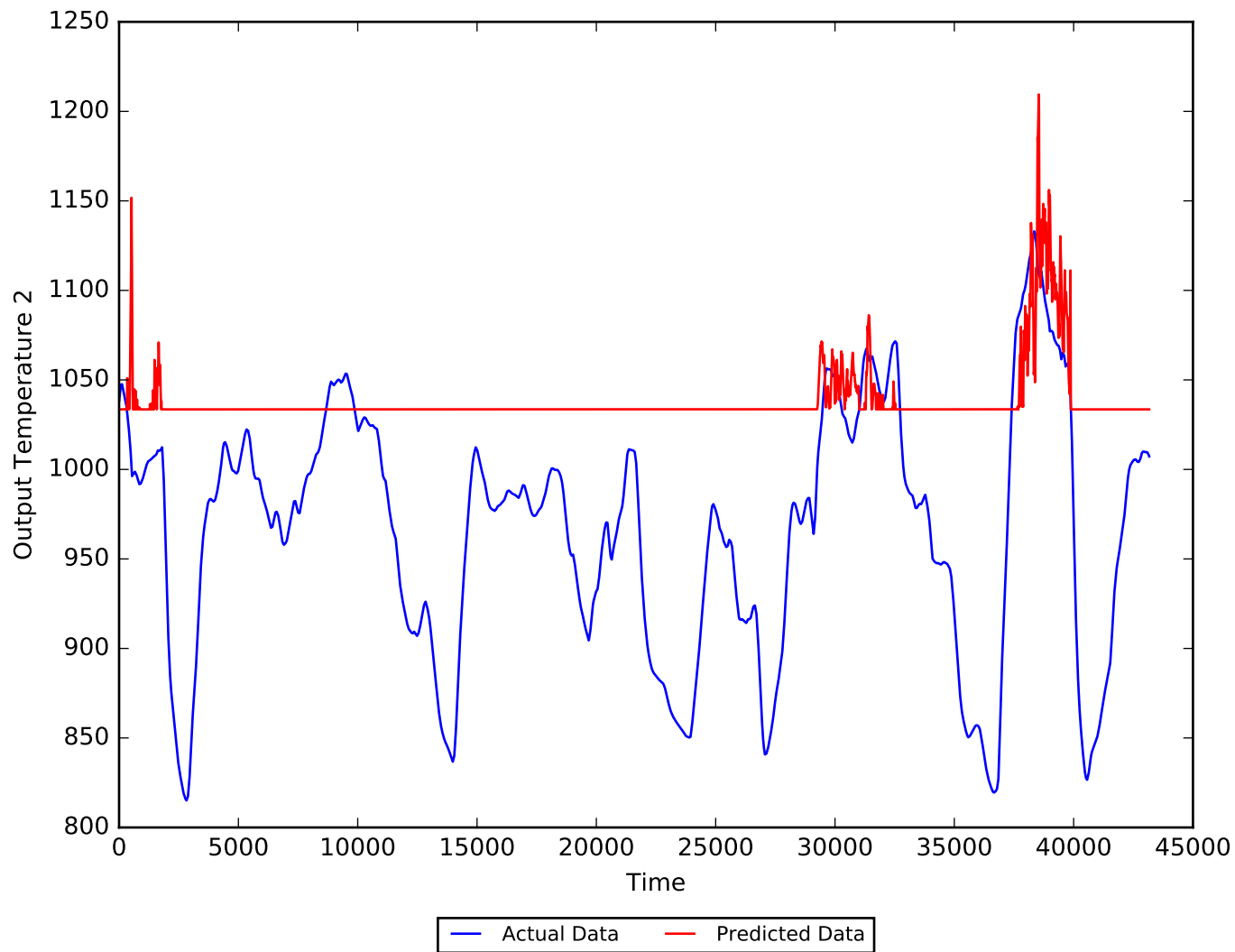


Actual Data Predicted Data

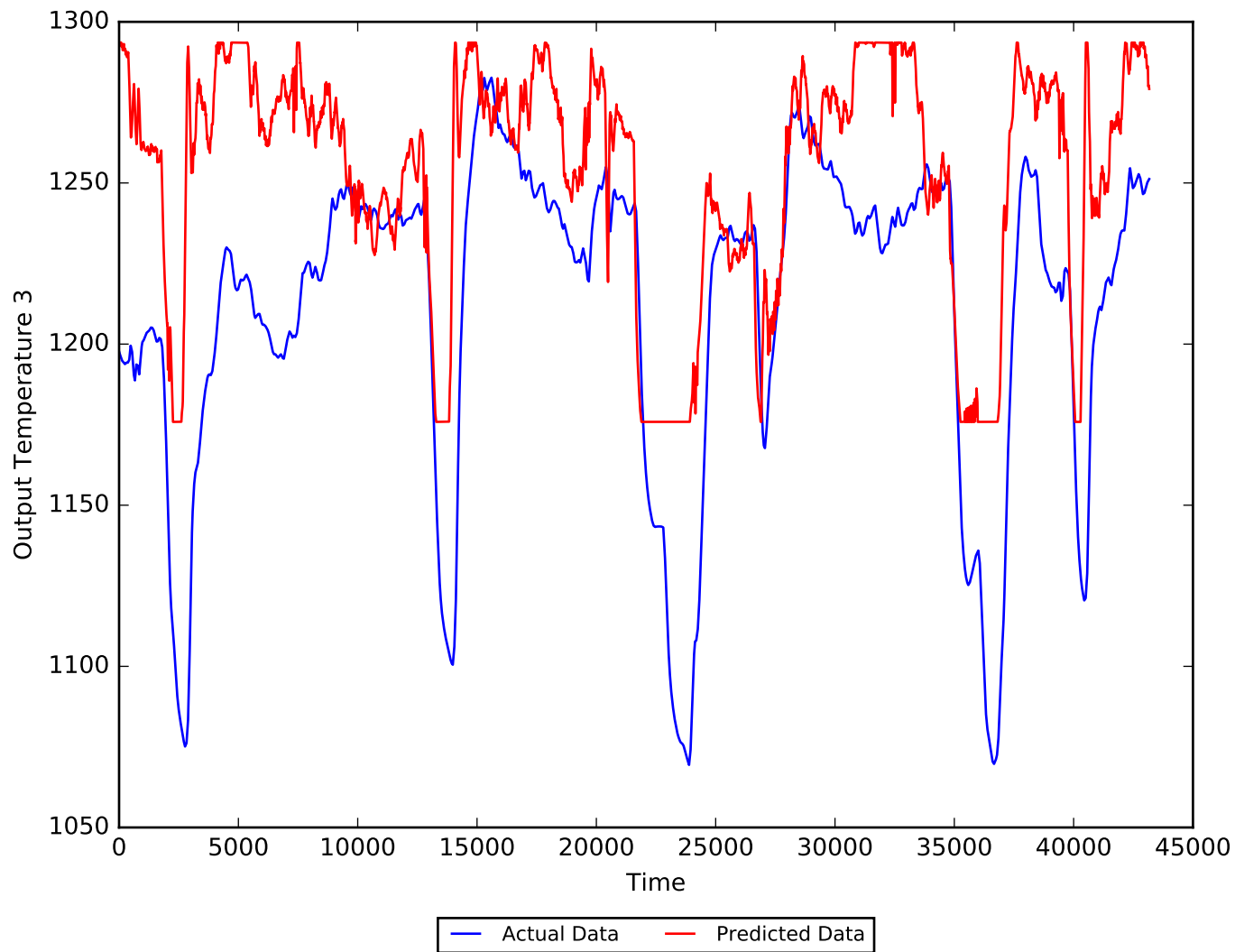
$$\text{output_section_temp1} \sim \text{input_heat_energy1} + \text{input_heat_energy1}^{**2} + \text{input_heat_energy1}^{**3}$$



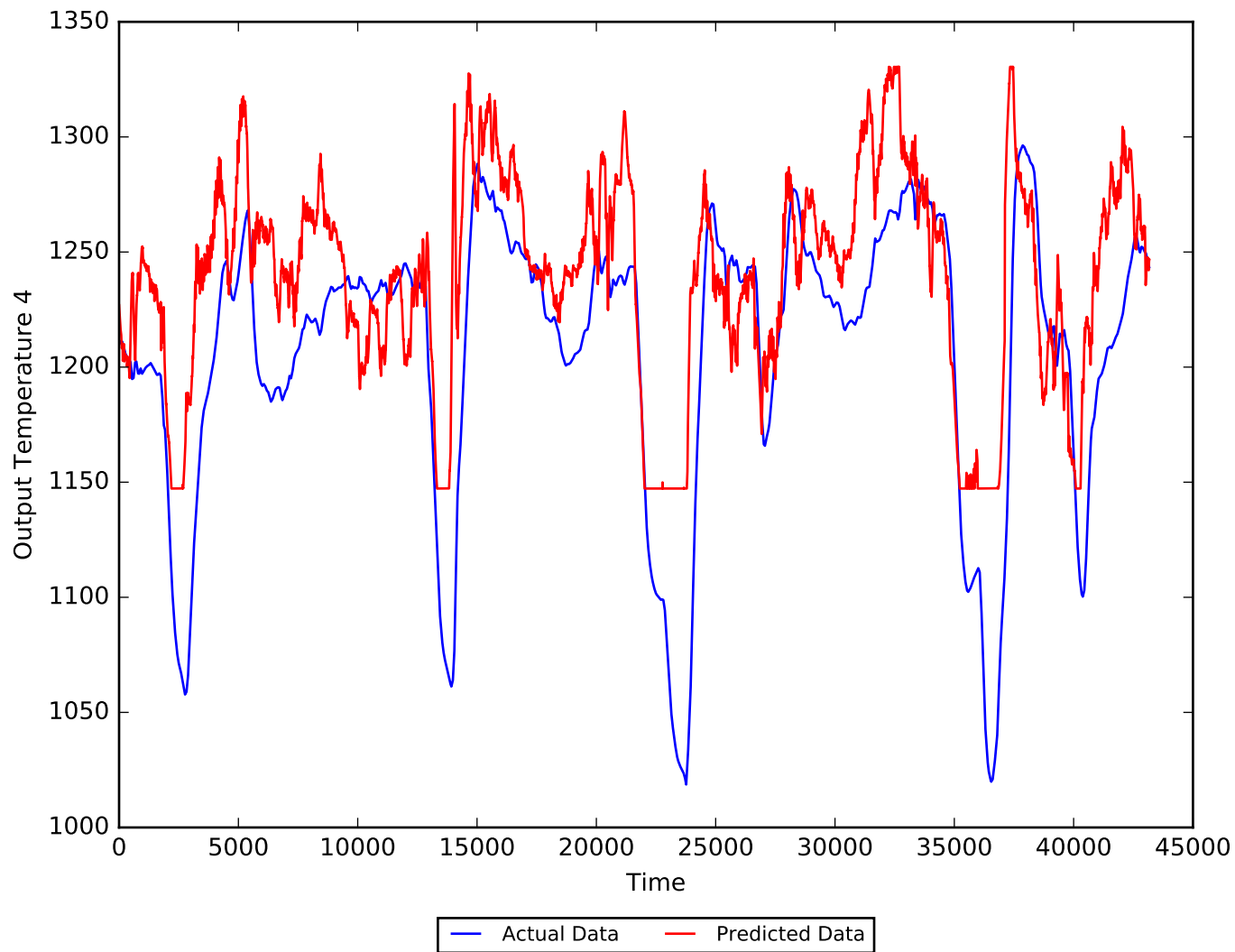
$$\text{output_section_temp2} \sim \text{input_heat_energy2} + \text{input_heat_energy2}^2 + \text{input_heat_energy2}^3$$



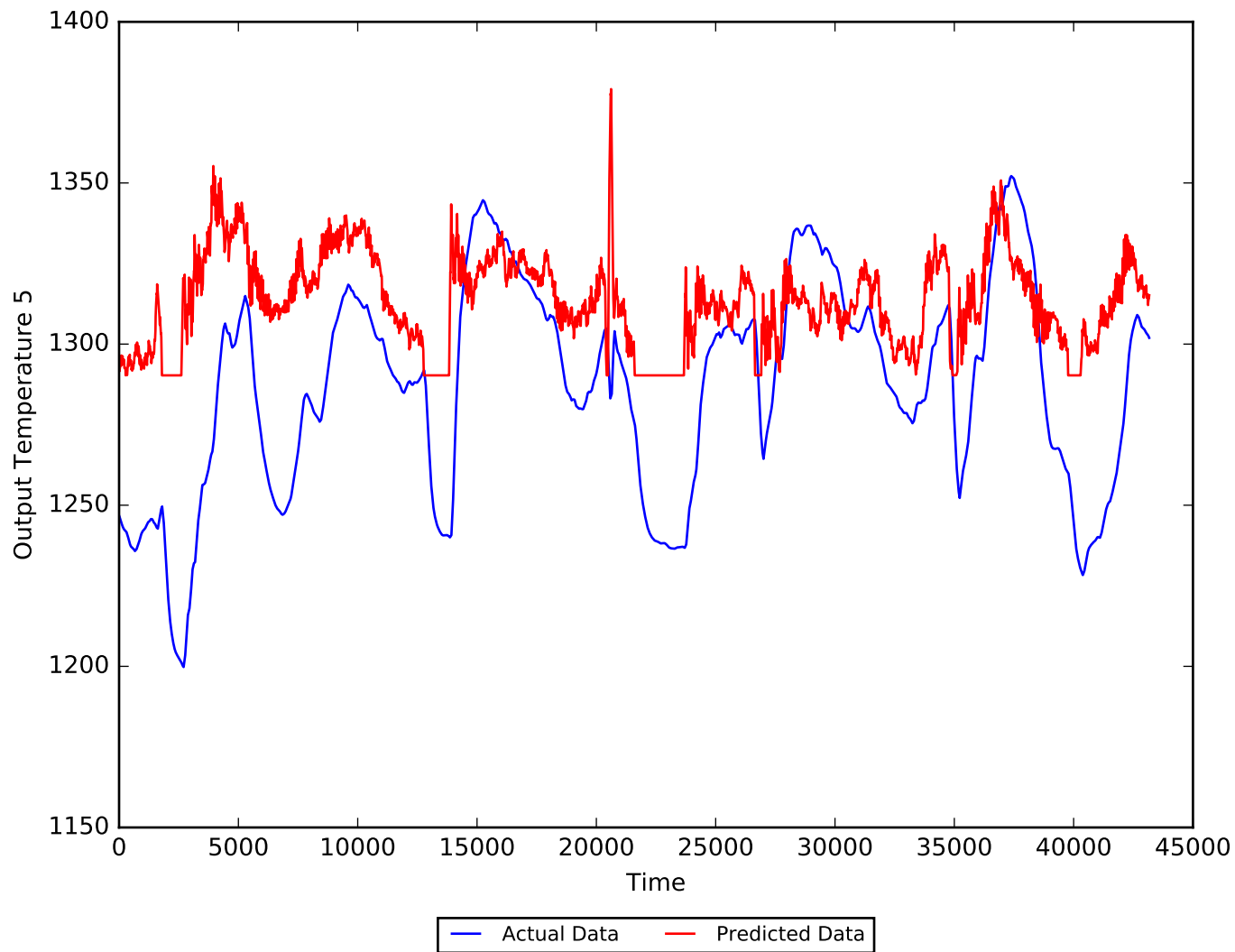
$$\text{output_section_temp3} \sim \text{input_heat_energy3} + \text{input_heat_energy3}^2 + \text{input_heat_energy3}^3$$



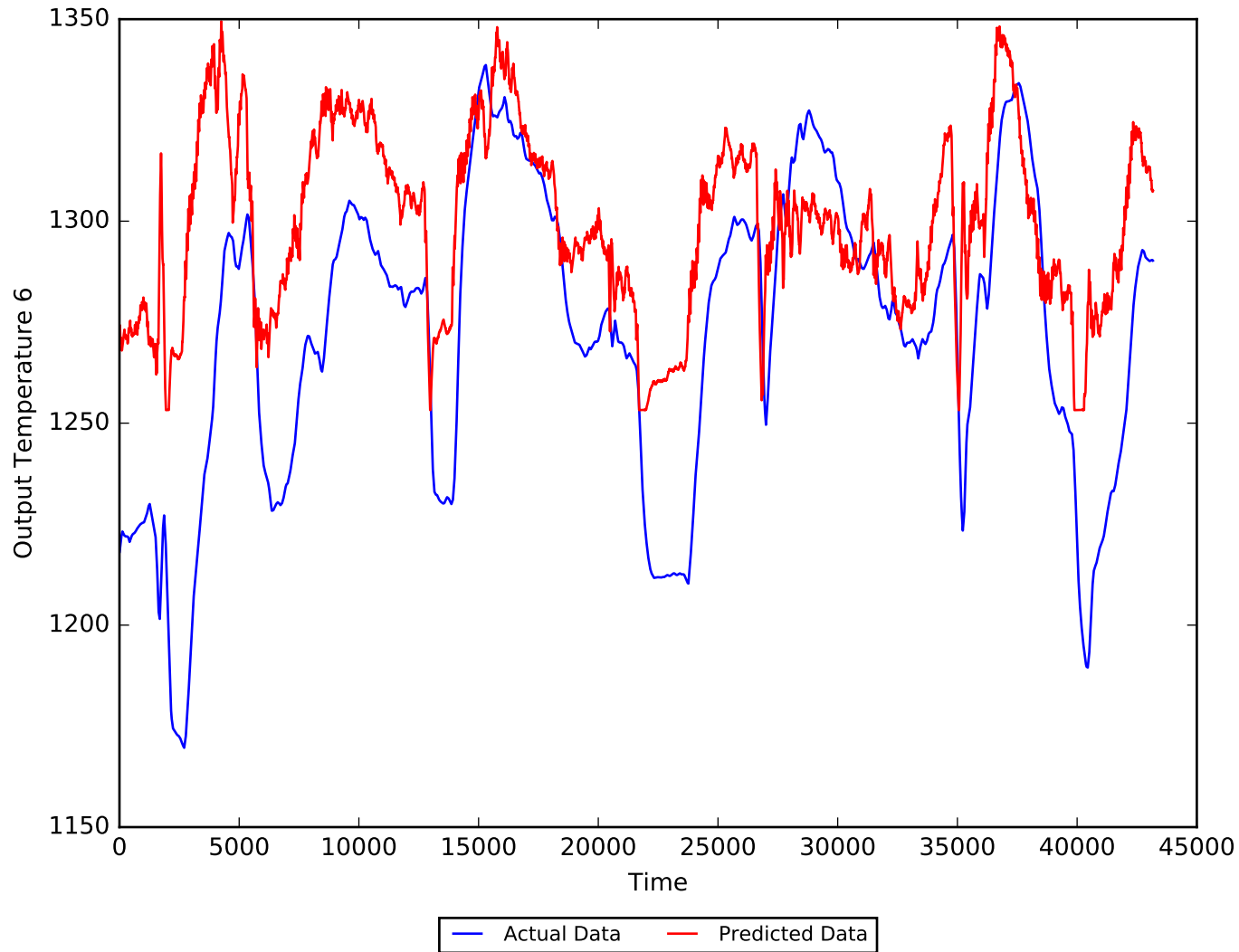
$$\text{output_section_temp4} \sim \text{input_heat_energy4} + \text{input_heat_energy4}^{**2} + \text{input_heat_energy4}^{**3}$$



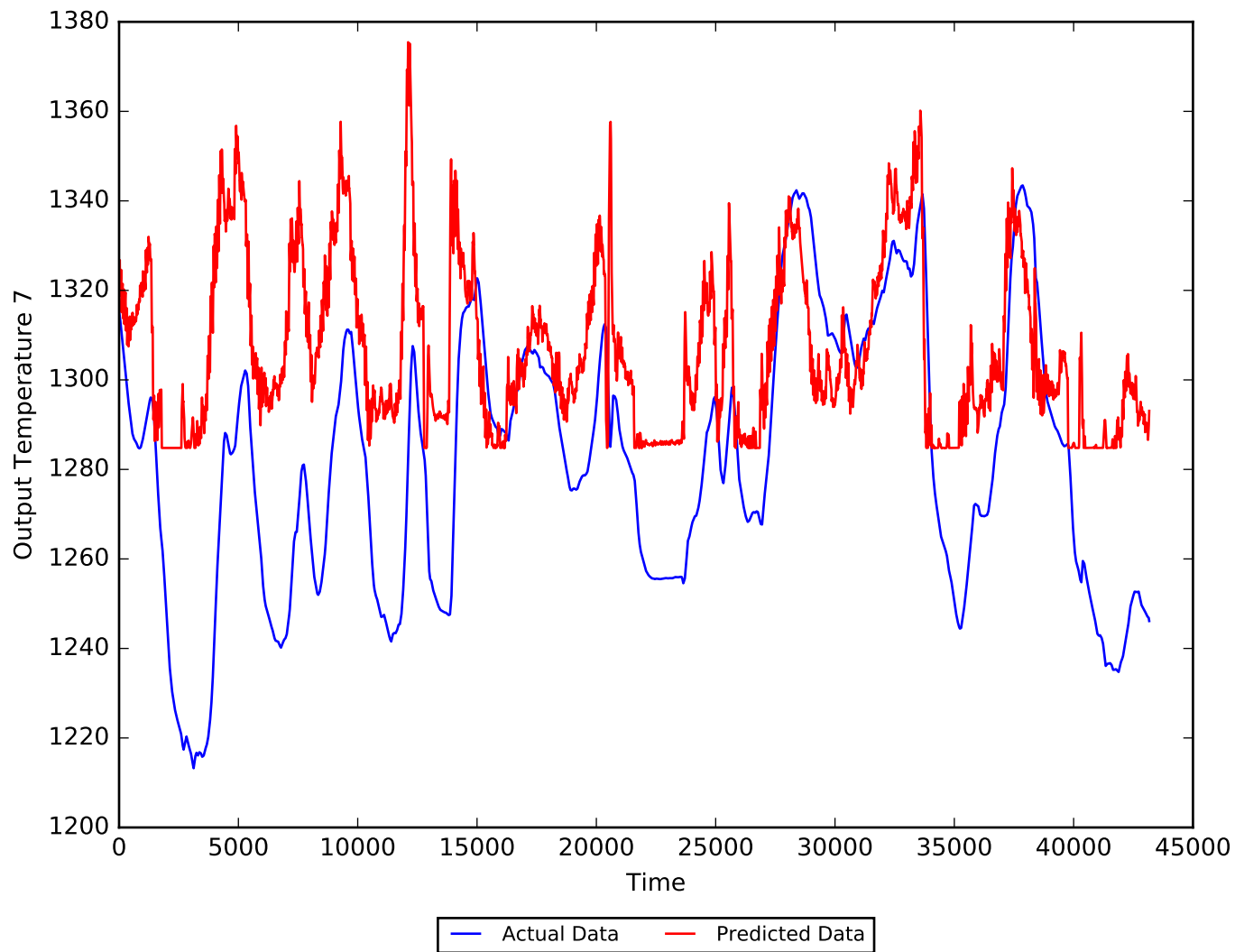
$$\text{output_section_temp5} \sim \text{input_heat_energy5} + \text{input_heat_energy5}^2 + \text{input_heat_energy5}^3$$



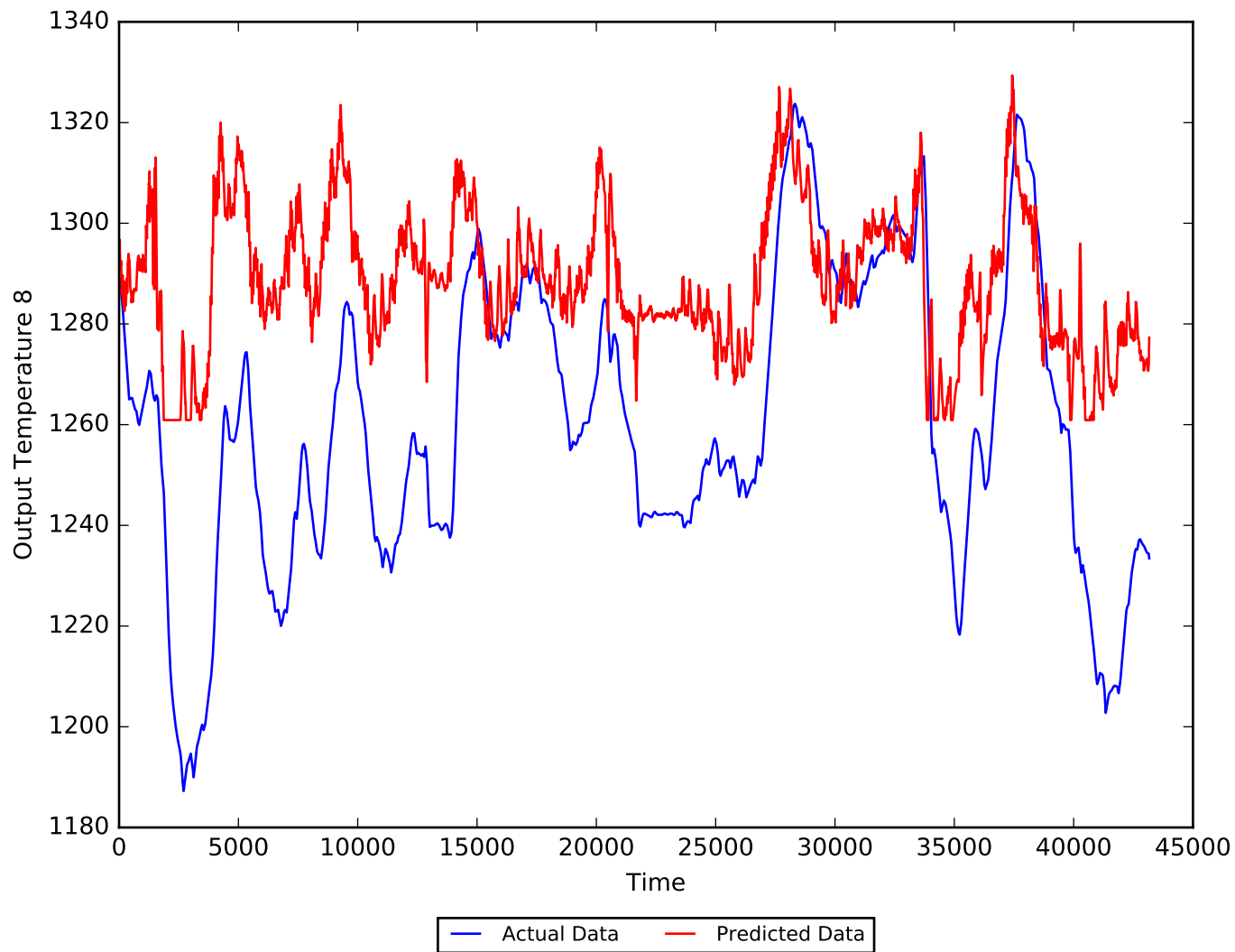
$$\text{output_section_temp6} \sim \text{input_heat_energy6} + \text{input_heat_energy6}^{**2} + \text{input_heat_energy6}^{**3}$$



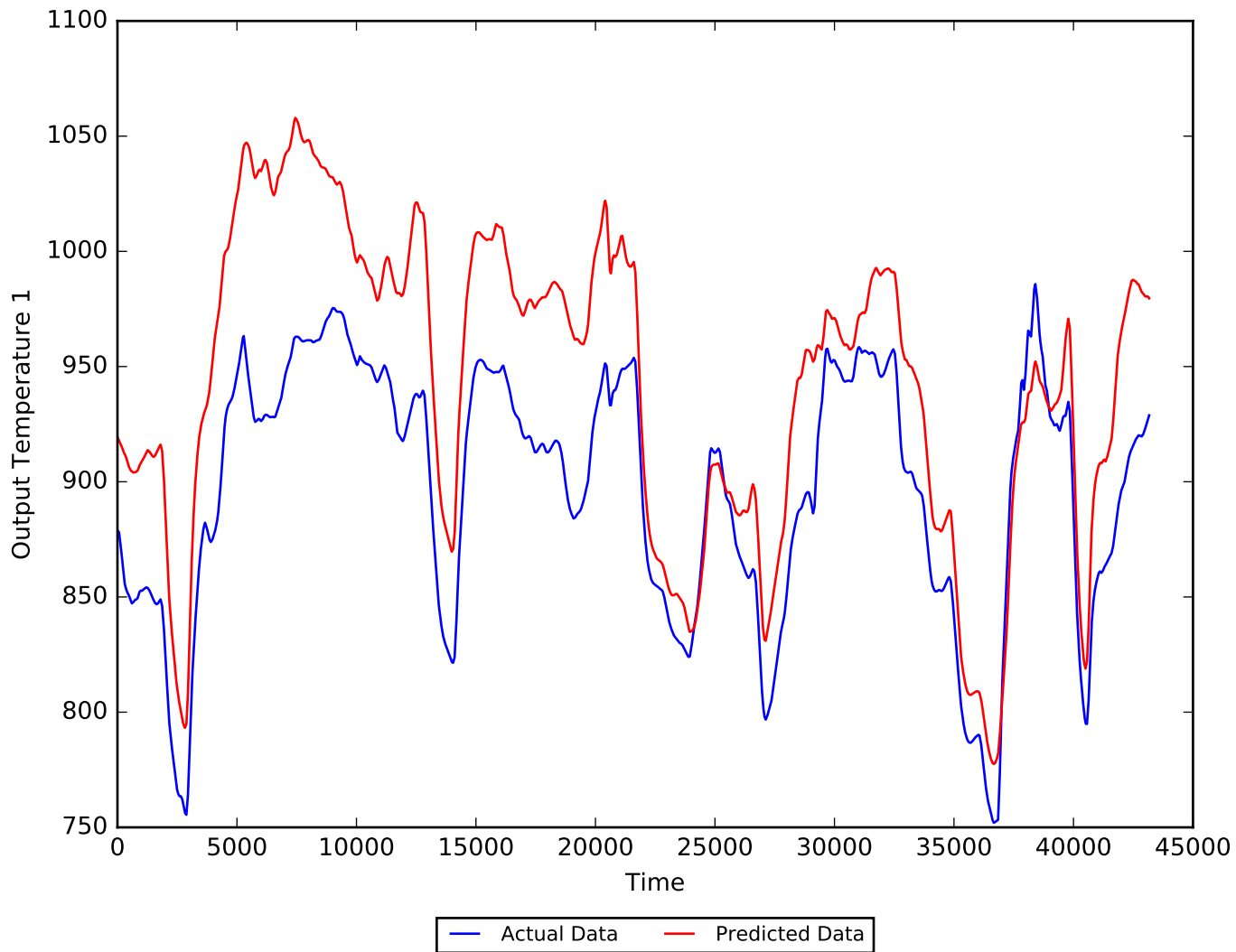
$$\text{output_section_temp7} \sim \text{input_heat_energy7} + \text{input_heat_energy7}^2 + \text{input_heat_energy7}^3$$



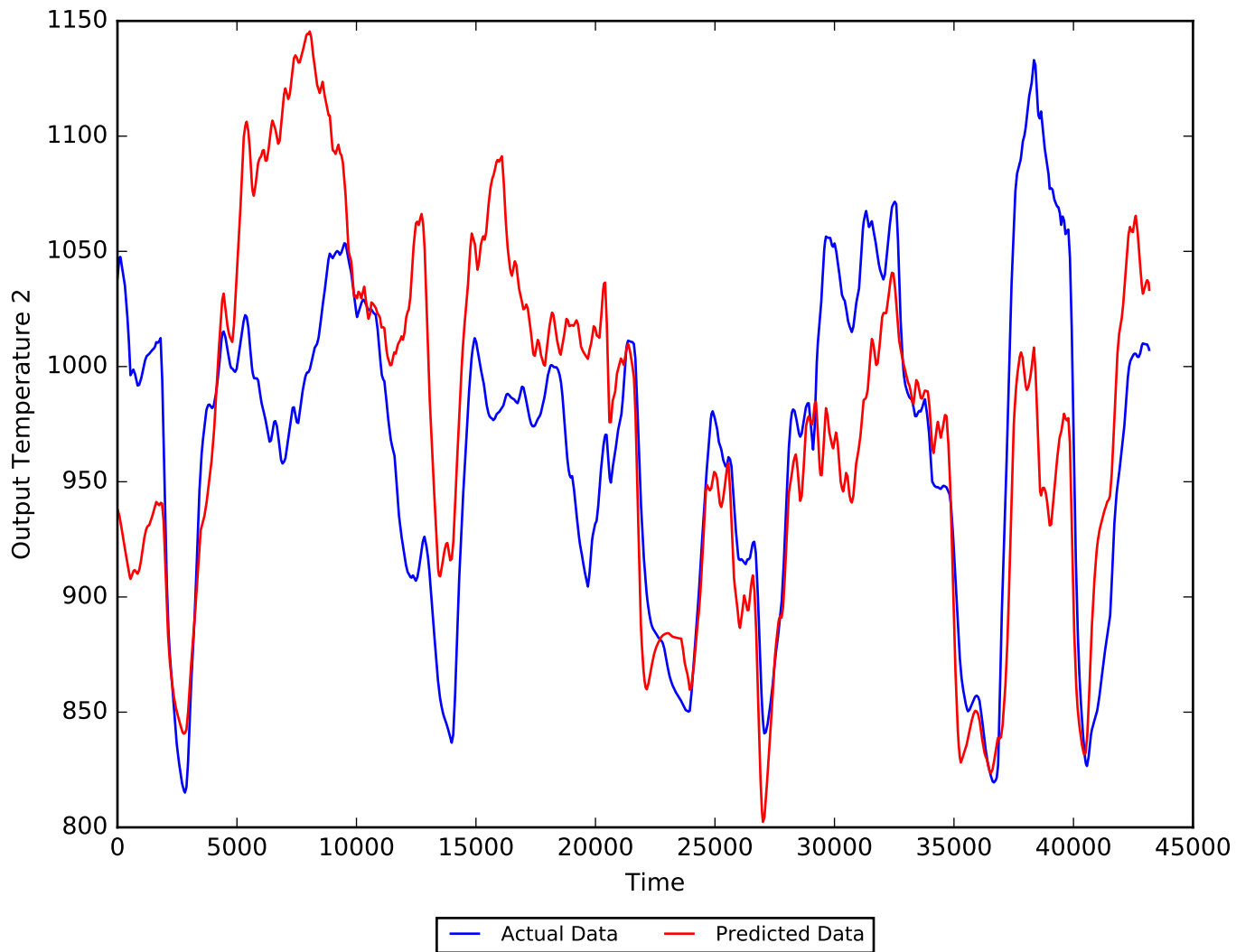
$$\text{output_section_temp8} \sim \text{input_heat_energy8} + \text{input_heat_energy8}^2 + \text{input_heat_energy8}^3$$



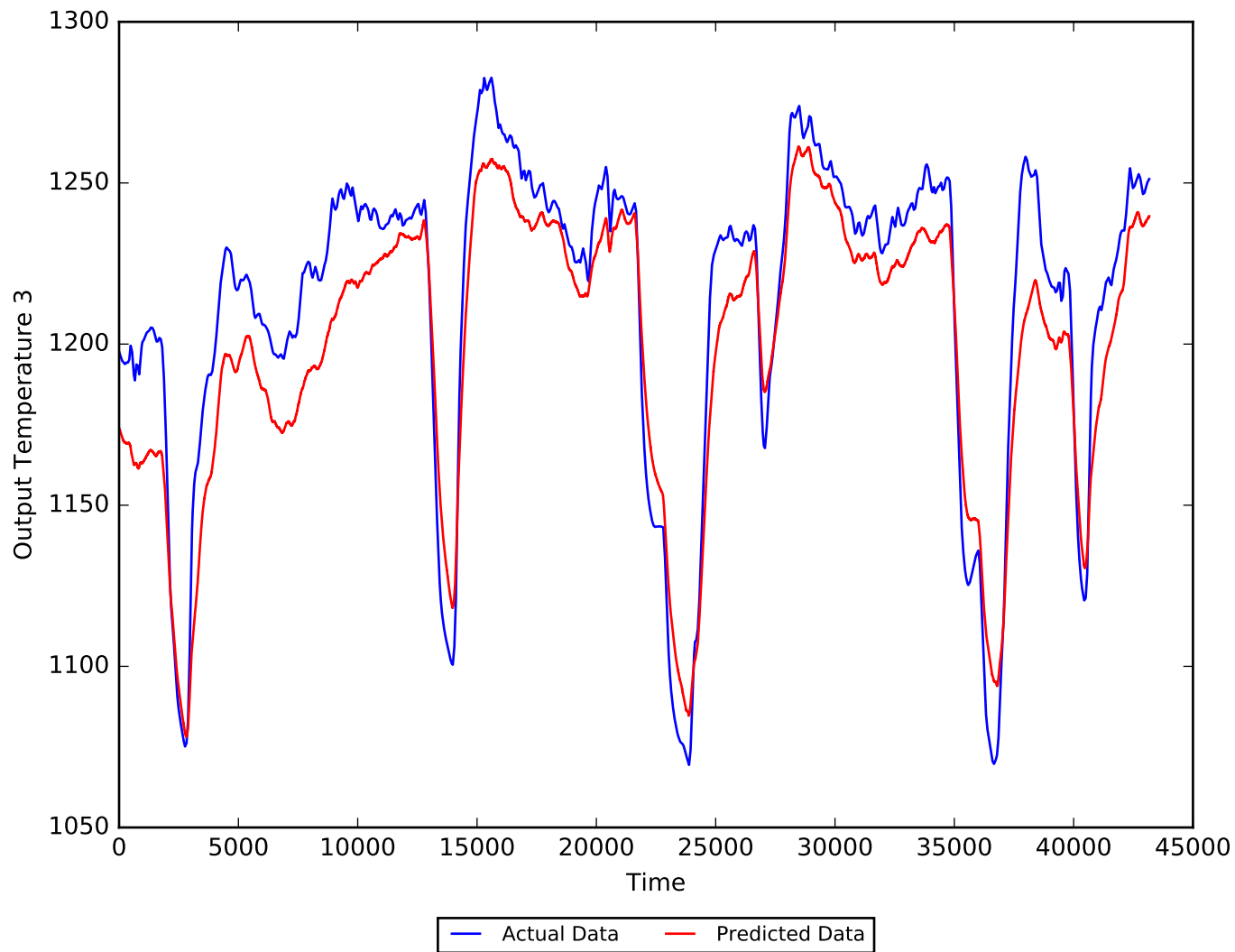
$$\text{output_section_temp1} \sim \text{input_wall_temp1} + \text{input_wall_temp1}^2 + \text{input_wall_temp1}^3$$



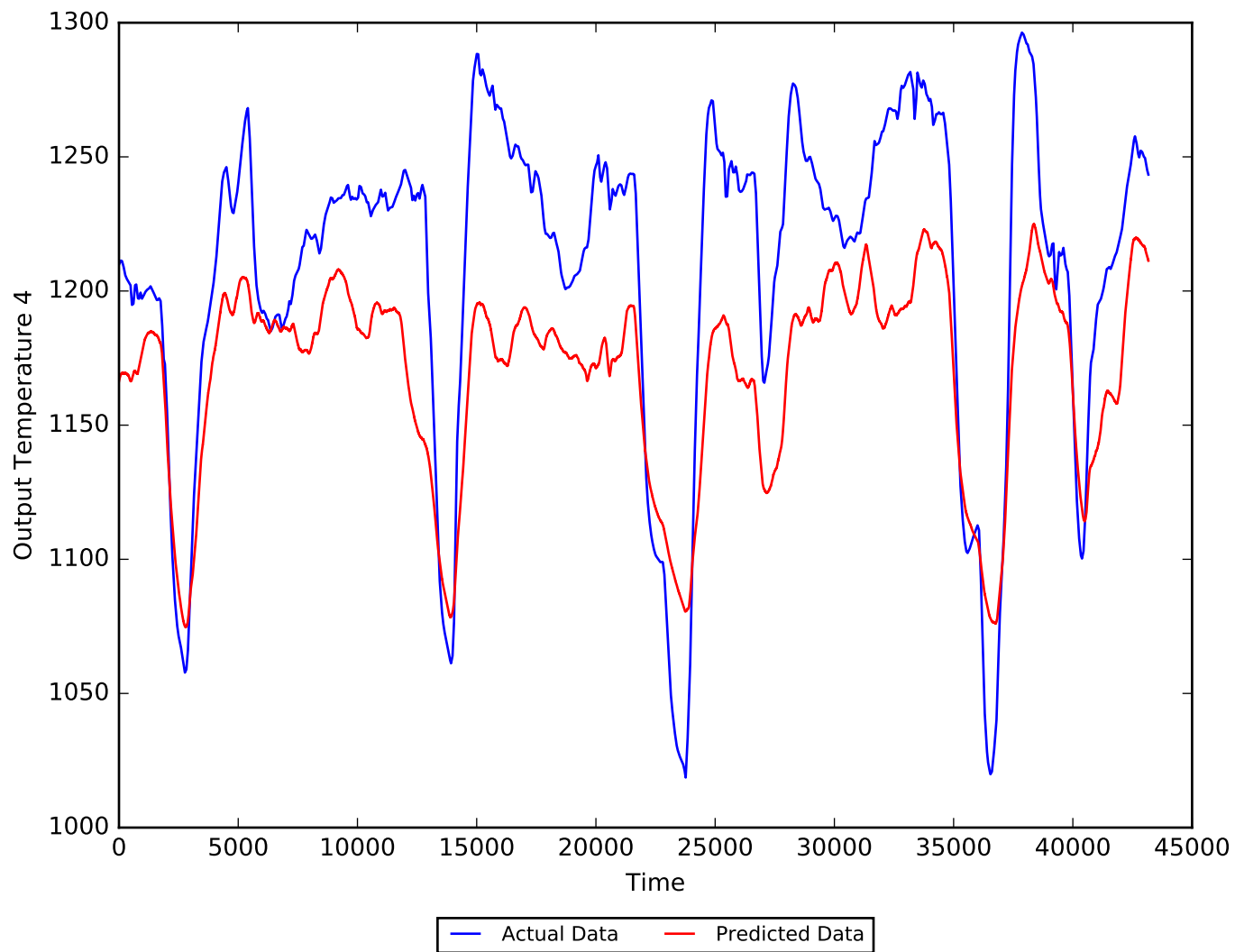
$$\text{output_section_temp2} \sim \text{input_wall_temp2} + \text{input_wall_temp2}^2 + \text{input_wall_temp2}^3$$



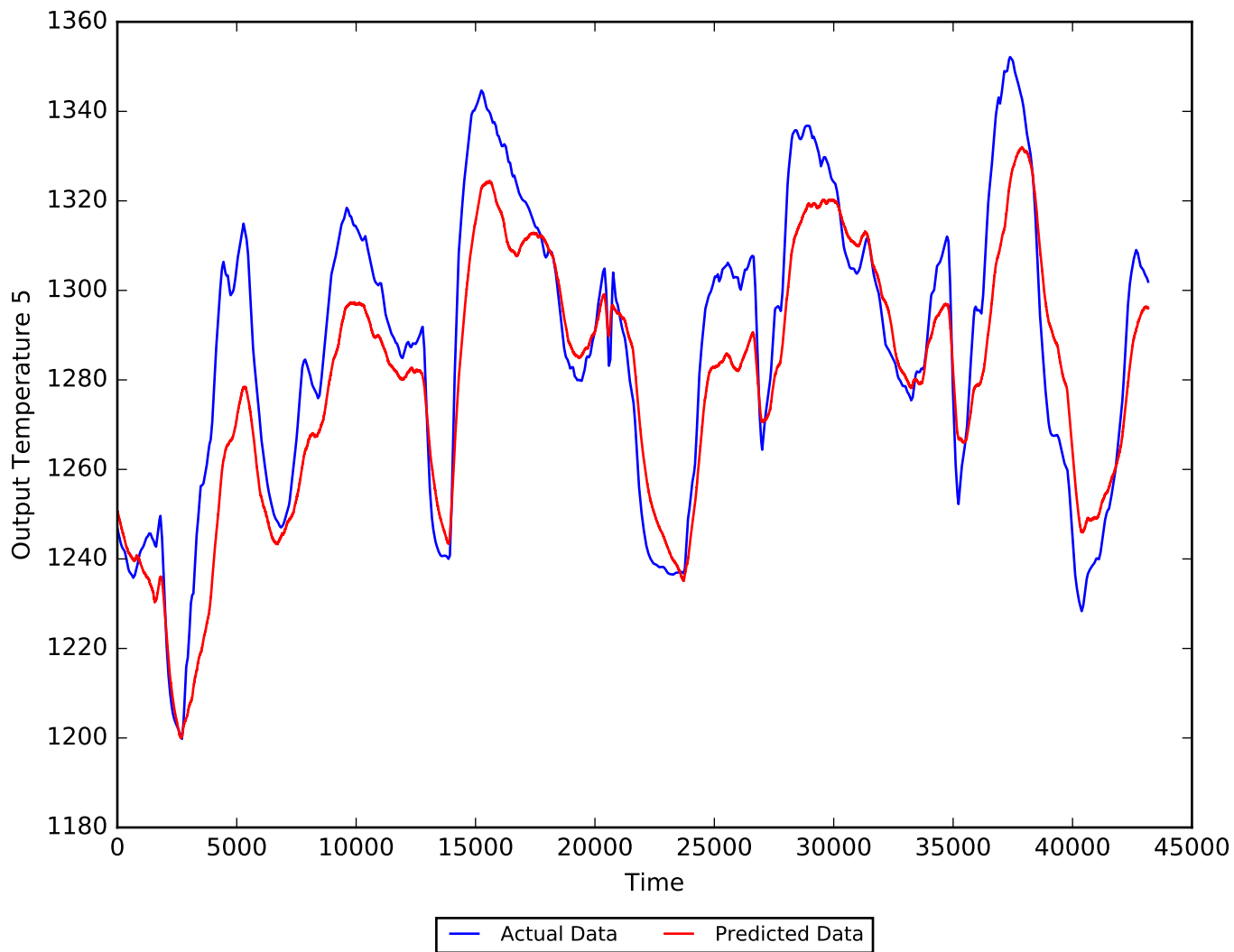
$$\text{output_section_temp3} \sim \text{input_wall_temp3} + \text{input_wall_temp3}^2 + \text{input_wall_temp3}^3$$



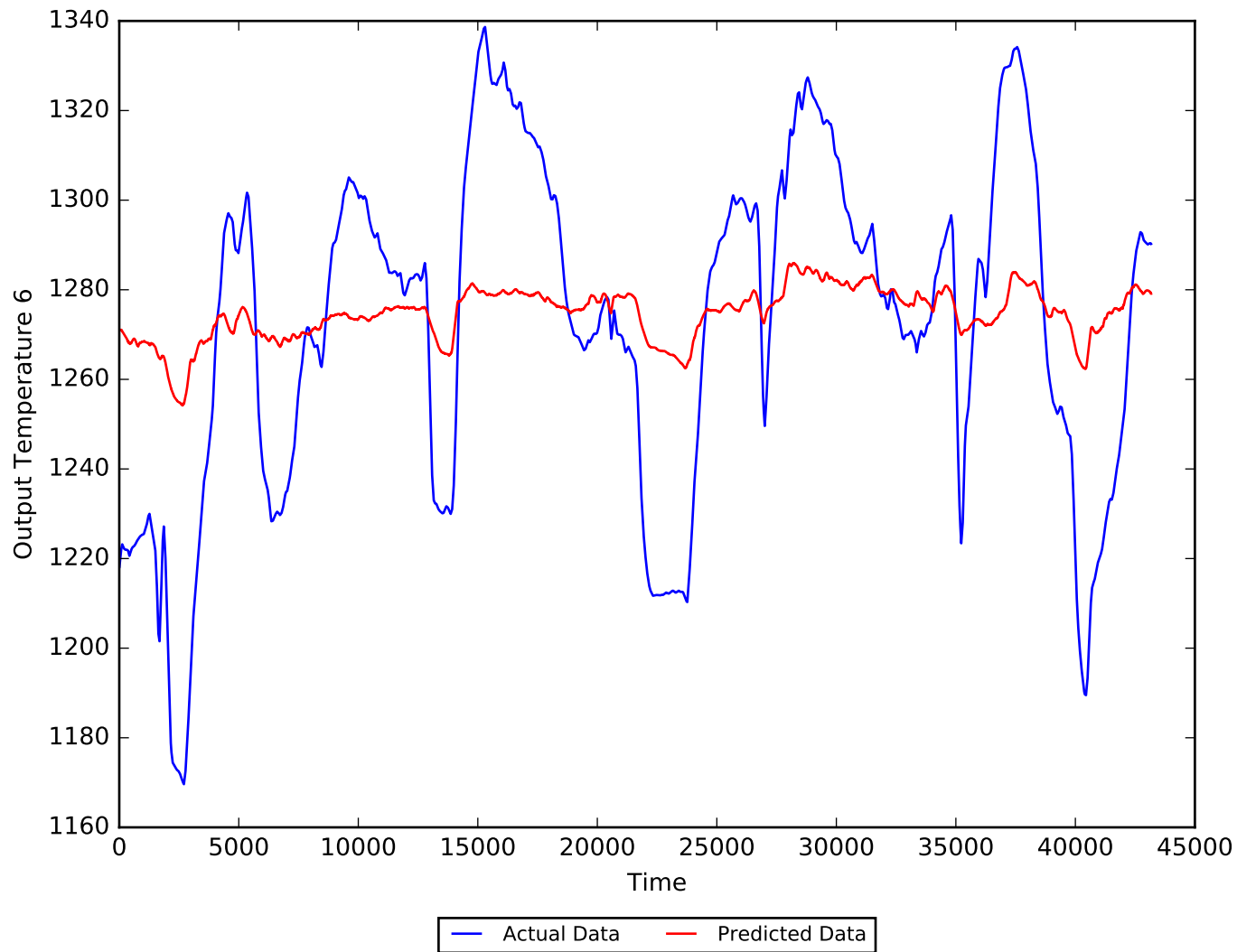
$$\text{output_section_temp4} \sim \text{input_wall_temp4} + \text{input_wall_temp4}^{**2} + \text{input_wall_temp4}^{**3}$$



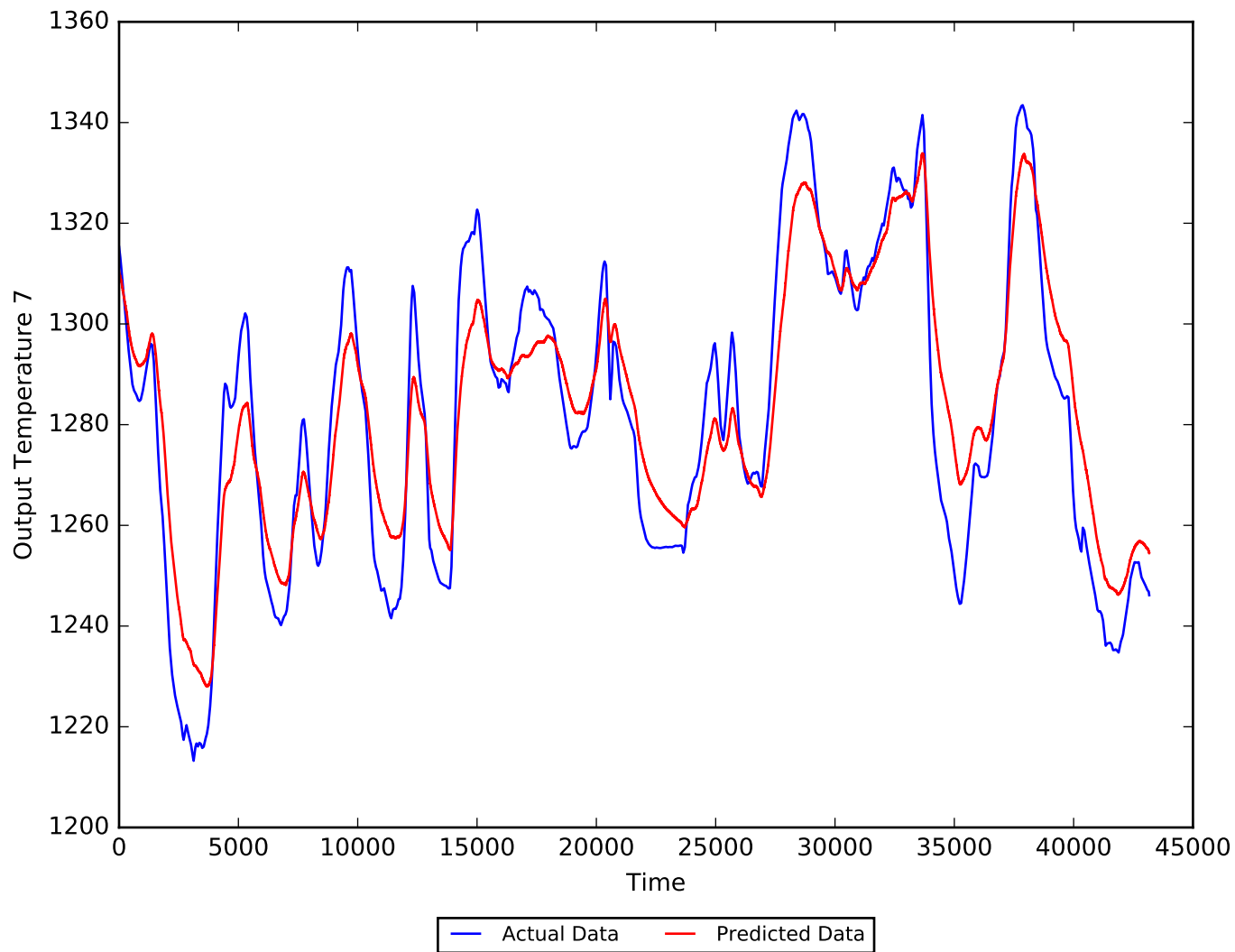
$$\text{output_section_temp5} \sim \text{input_wall_temp5} + \text{input_wall_temp5}^2 + \text{input_wall_temp5}^3$$



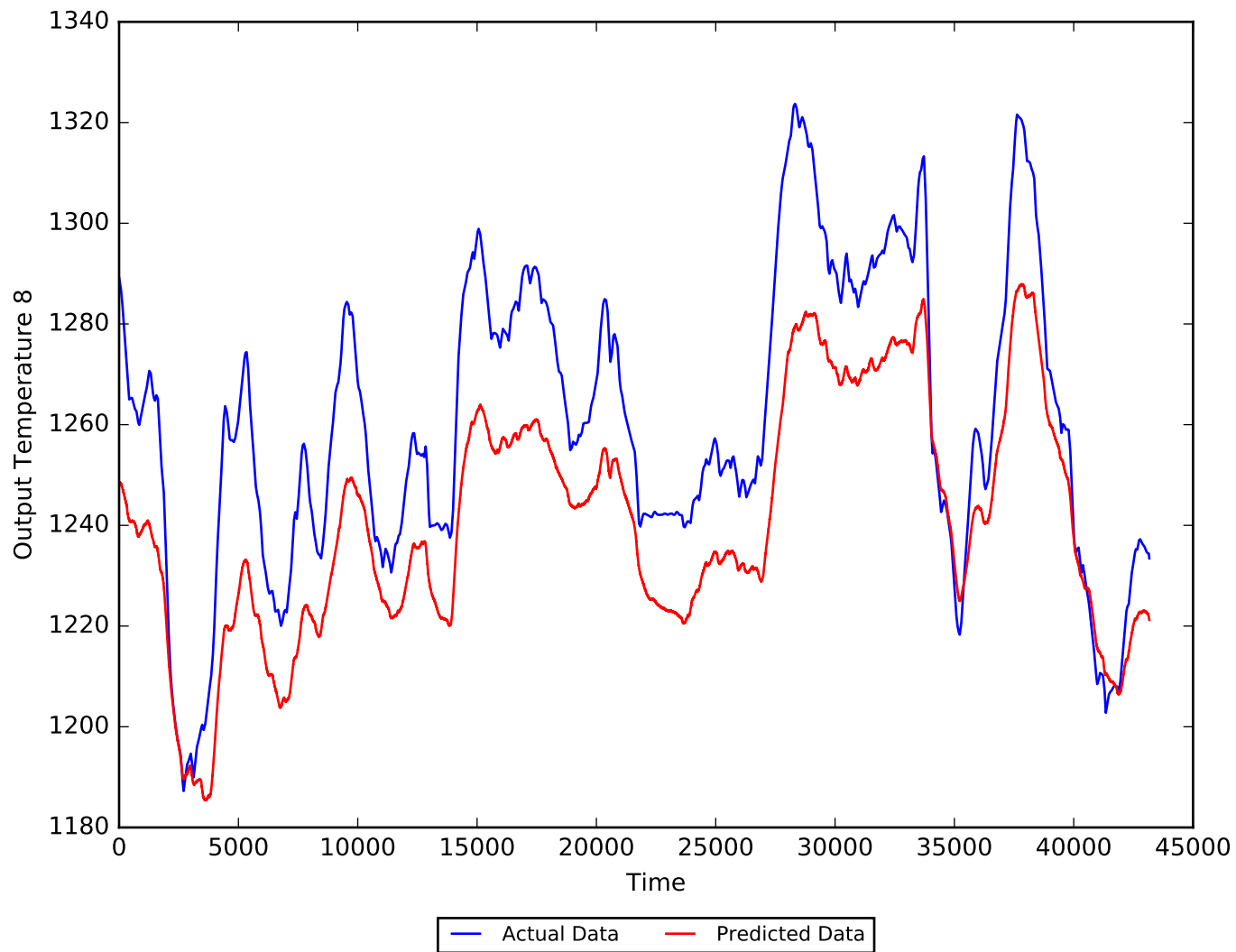
$$\text{output_section_temp6} \sim \text{input_wall_temp6} + \text{input_wall_temp6}^{**2} + \text{input_wall_temp6}^{**3}$$



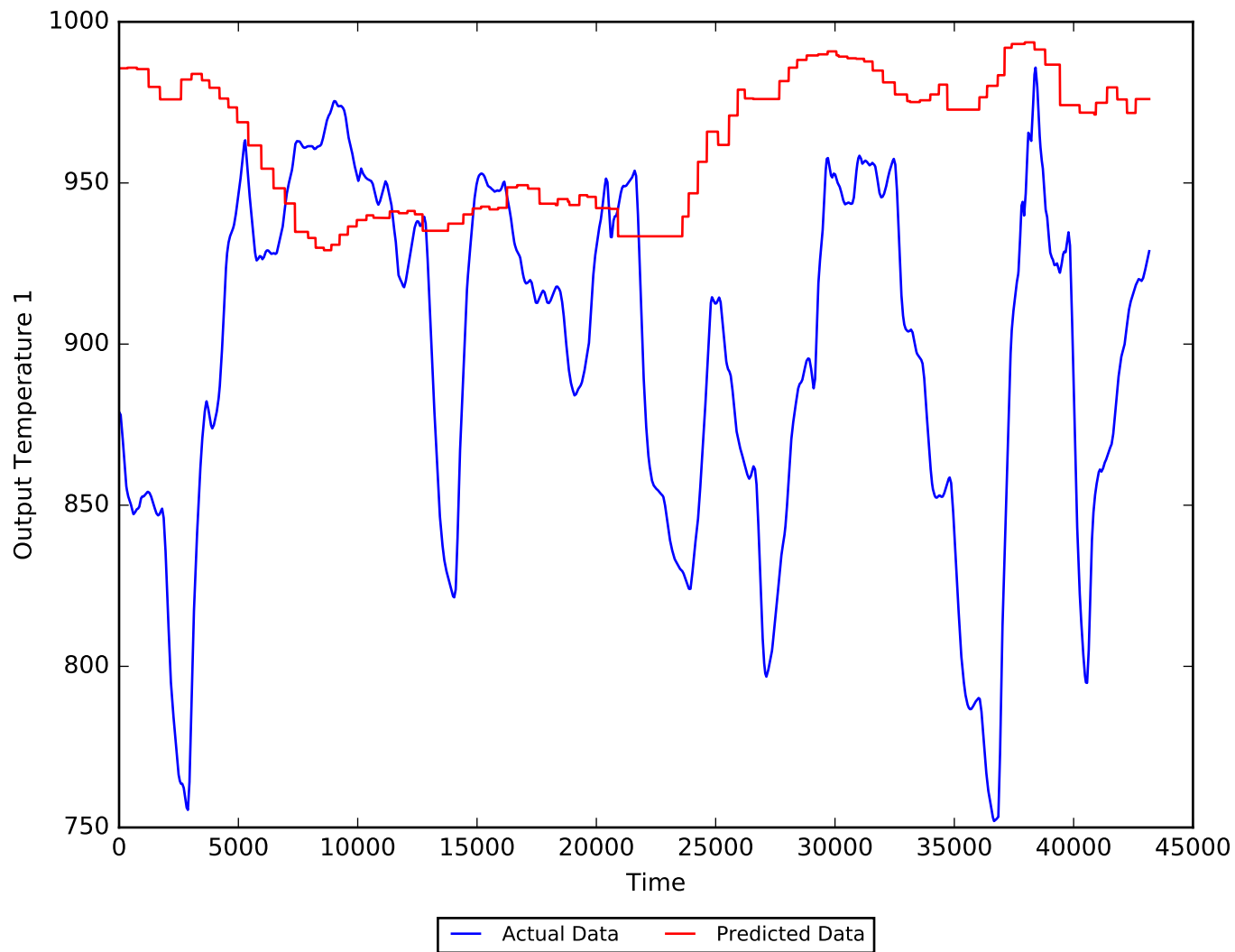
$$\text{output_section_temp7} \sim \text{input_wall_temp7} + \text{input_wall_temp7}^2 + \text{input_wall_temp7}^3$$



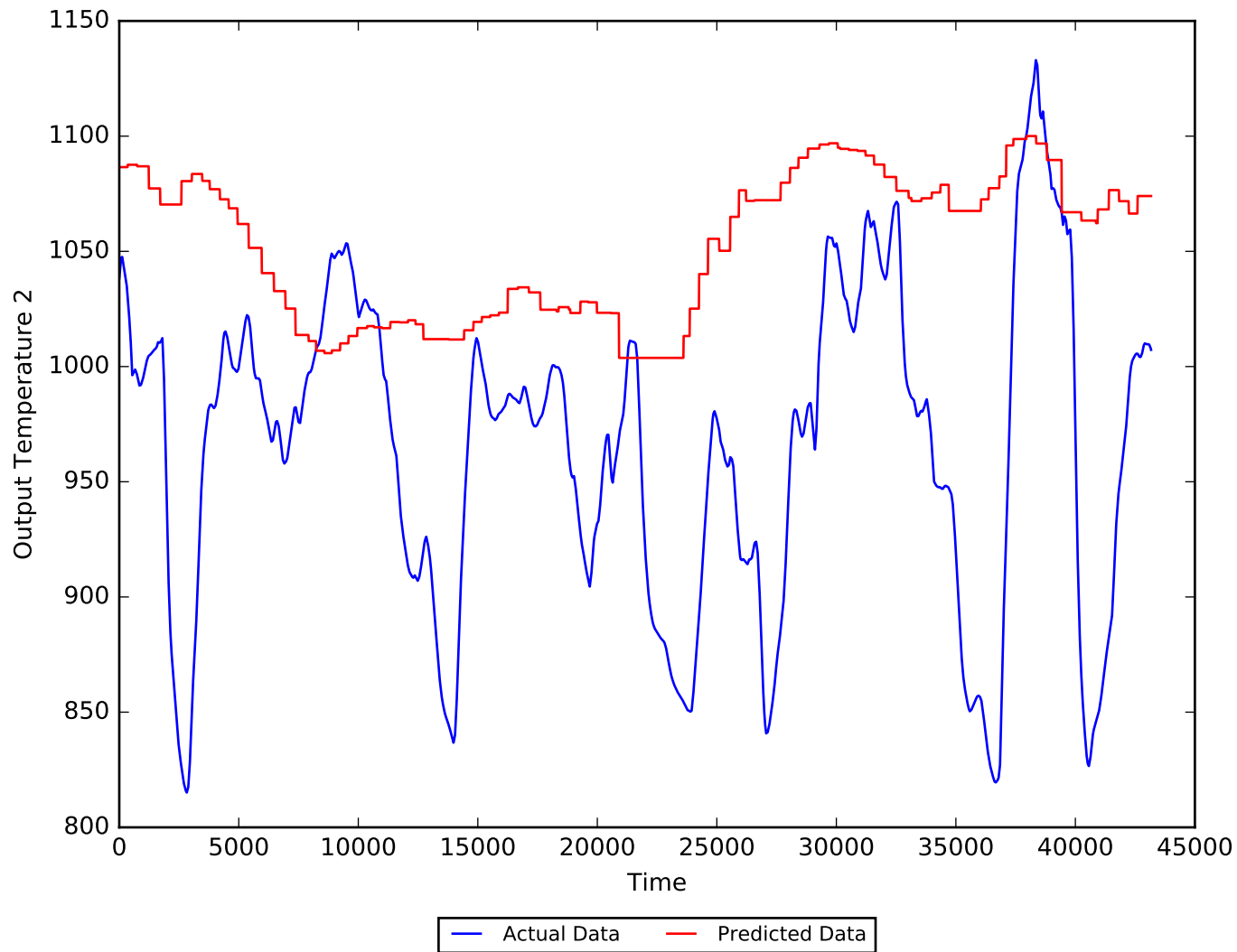
$$\text{output_section_temp8} \sim \text{input_wall_temp8} + \text{input_wall_temp8}^{**2} + \text{input_wall_temp8}^{**3}$$



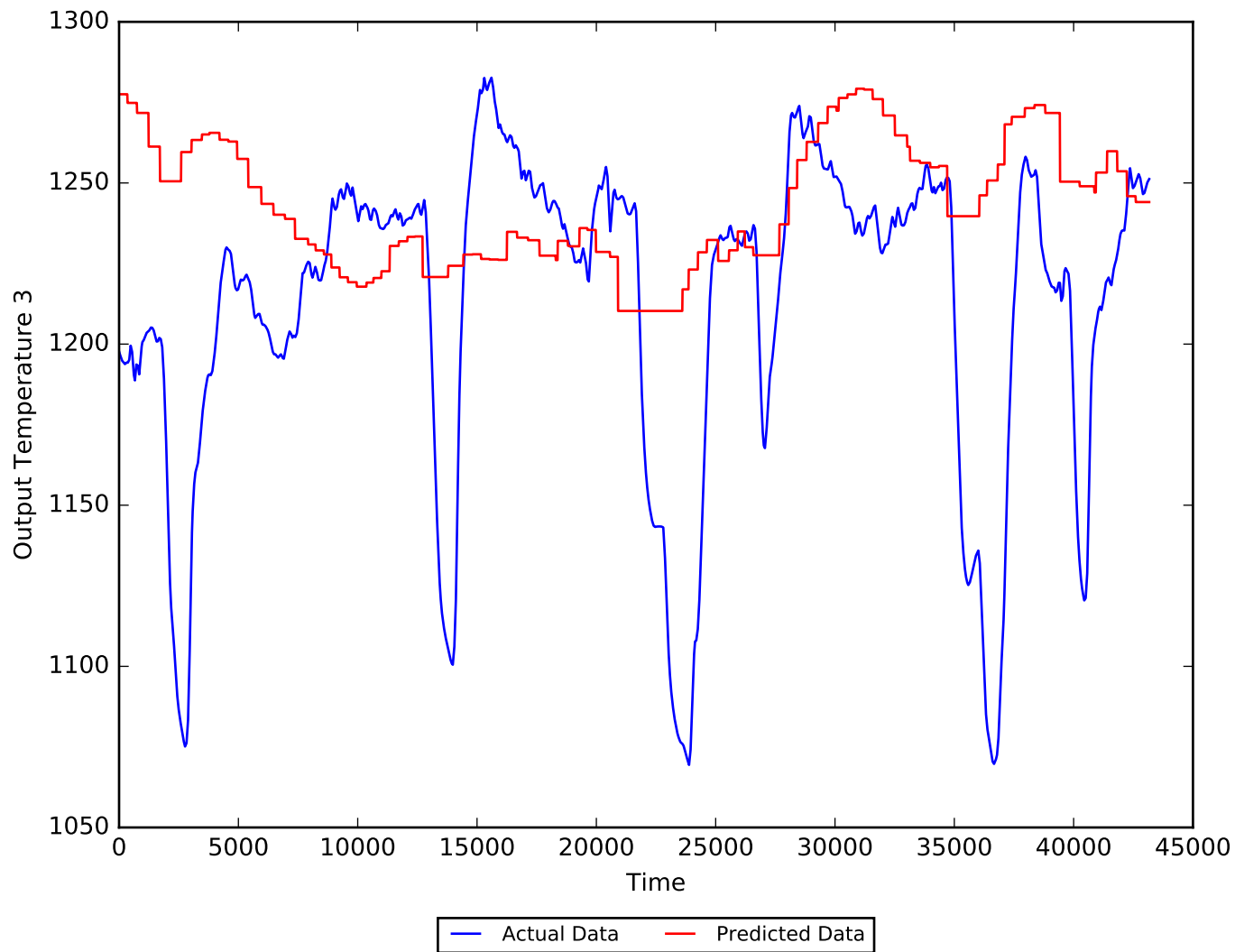
$$\text{output_section_temp1} \sim \text{input_mat_temp1} + \text{input_mat_temp1}^{**2} + \text{input_mat_temp1}^{**3}$$



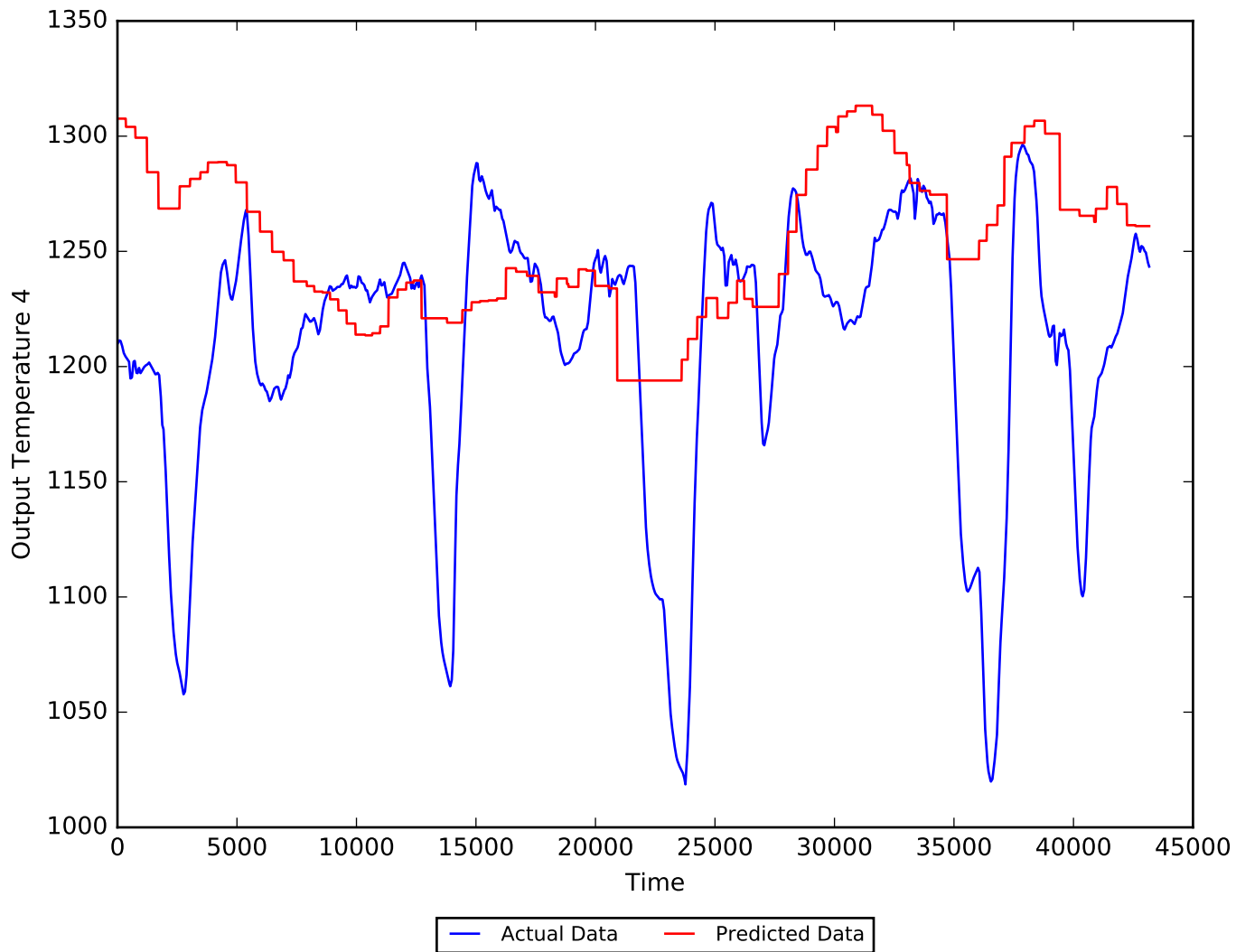
$$\text{output_section_temp2} \sim \text{input_mat_temp2} + \text{input_mat_temp2}^2 + \text{input_mat_temp2}^3$$



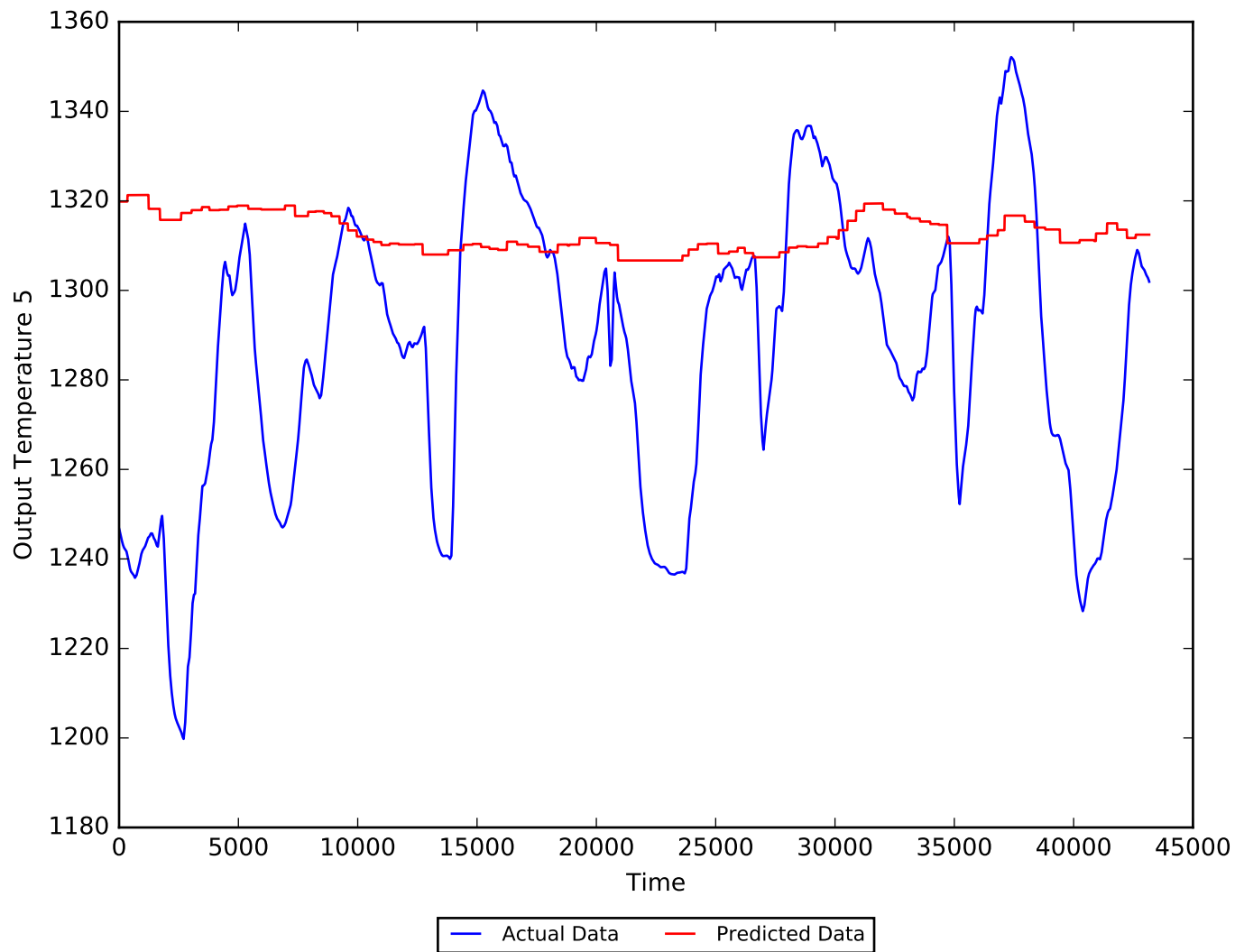
$$\text{output_section_temp3} \sim \text{input_mat_temp3} + \text{input_mat_temp3}^2 + \text{input_mat_temp3}^3$$



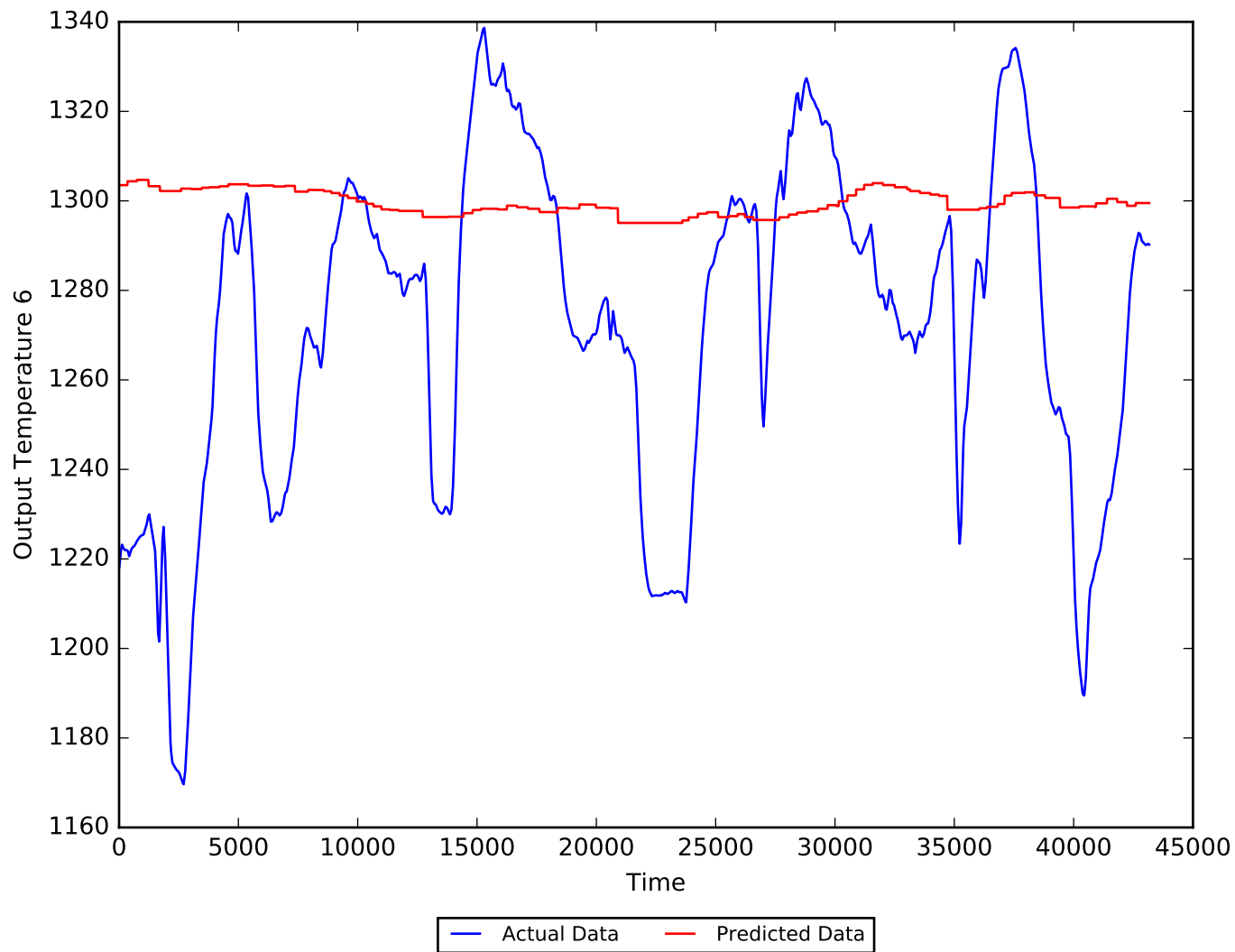
$$\text{output_section_temp4} \sim \text{input_mat_temp4} + \text{input_mat_temp4}^{**2} + \text{input_mat_temp4}^{**3}$$



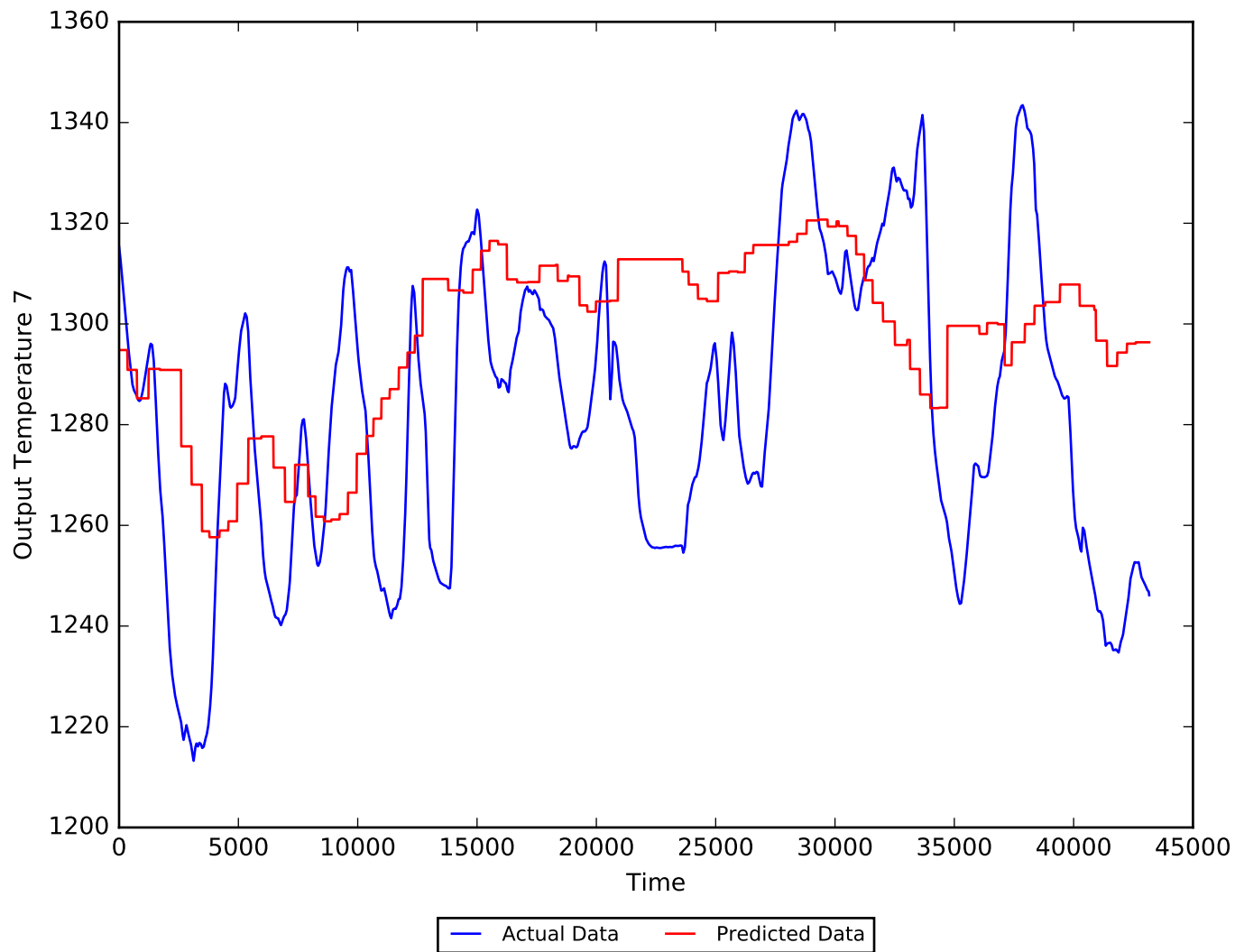
$$\text{output_section_temp5} \sim \text{input_mat_temp5} + \text{input_mat_temp5}^2 + \text{input_mat_temp5}^3$$



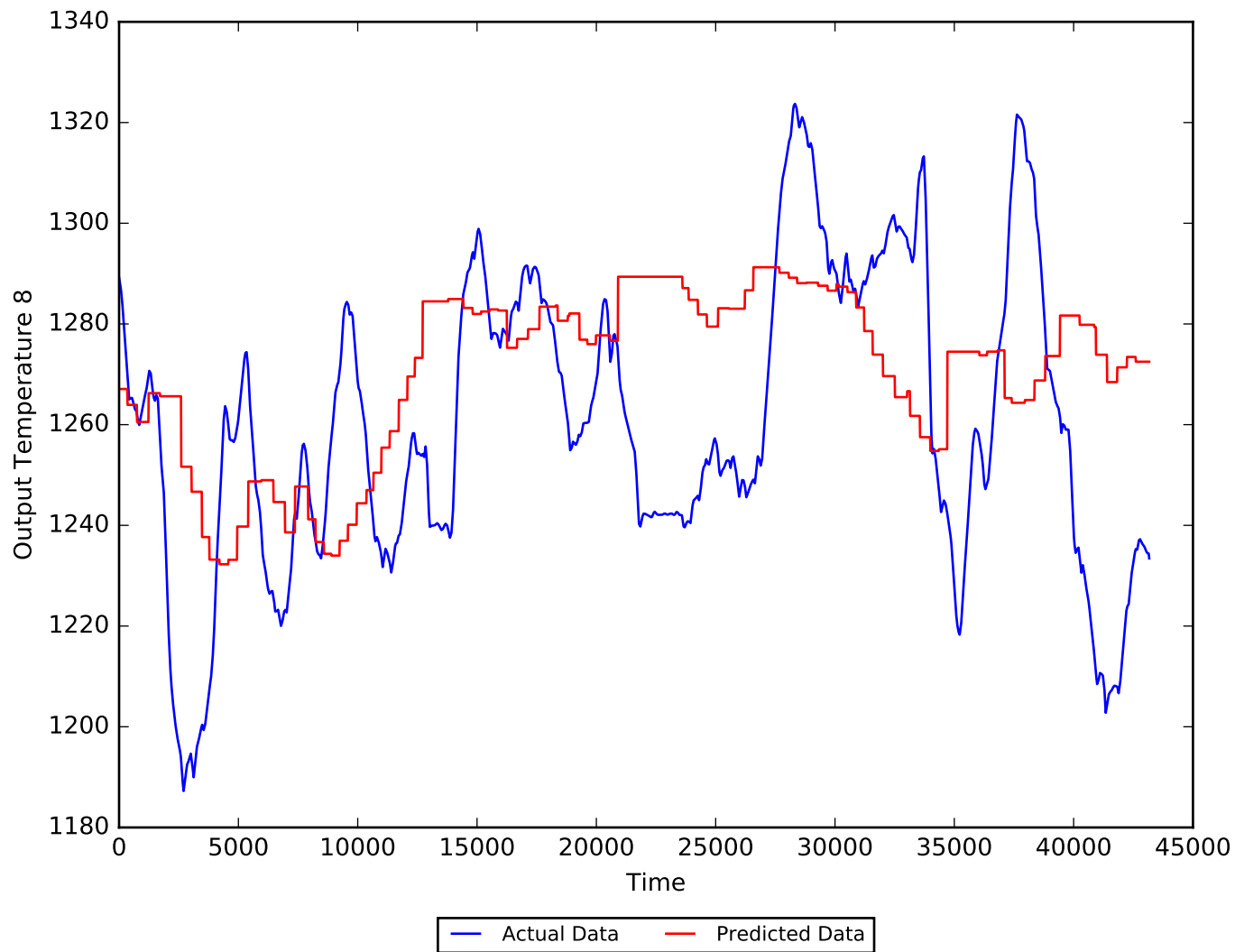
$$\text{output_section_temp6} \sim \text{input_mat_temp6} + \text{input_mat_temp6}^{**2} + \text{input_mat_temp6}^{**3}$$



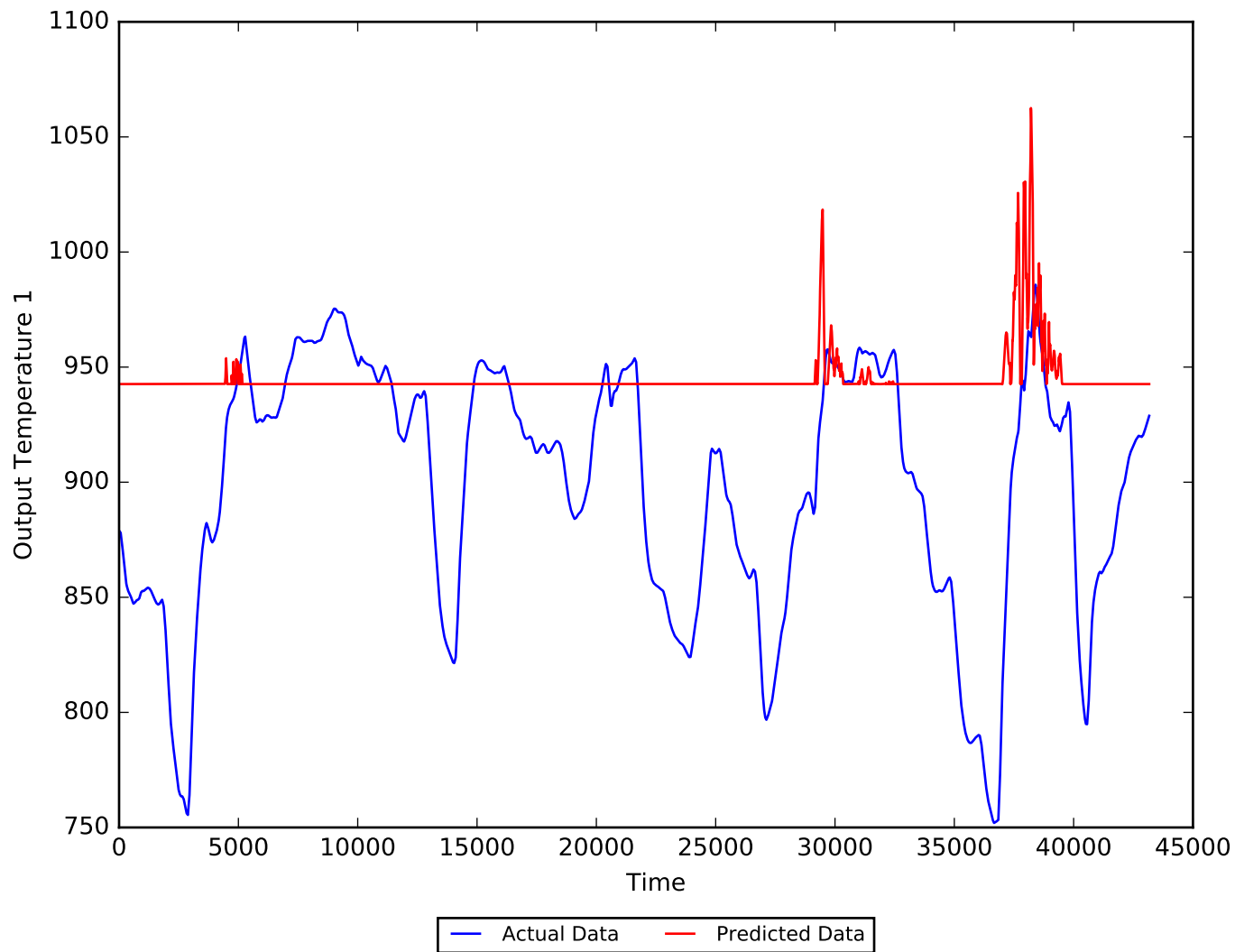
$$\text{output_section_temp7} \sim \text{input_mat_temp7} + \text{input_mat_temp7}^{**2} + \text{input_mat_temp7}^{**3}$$



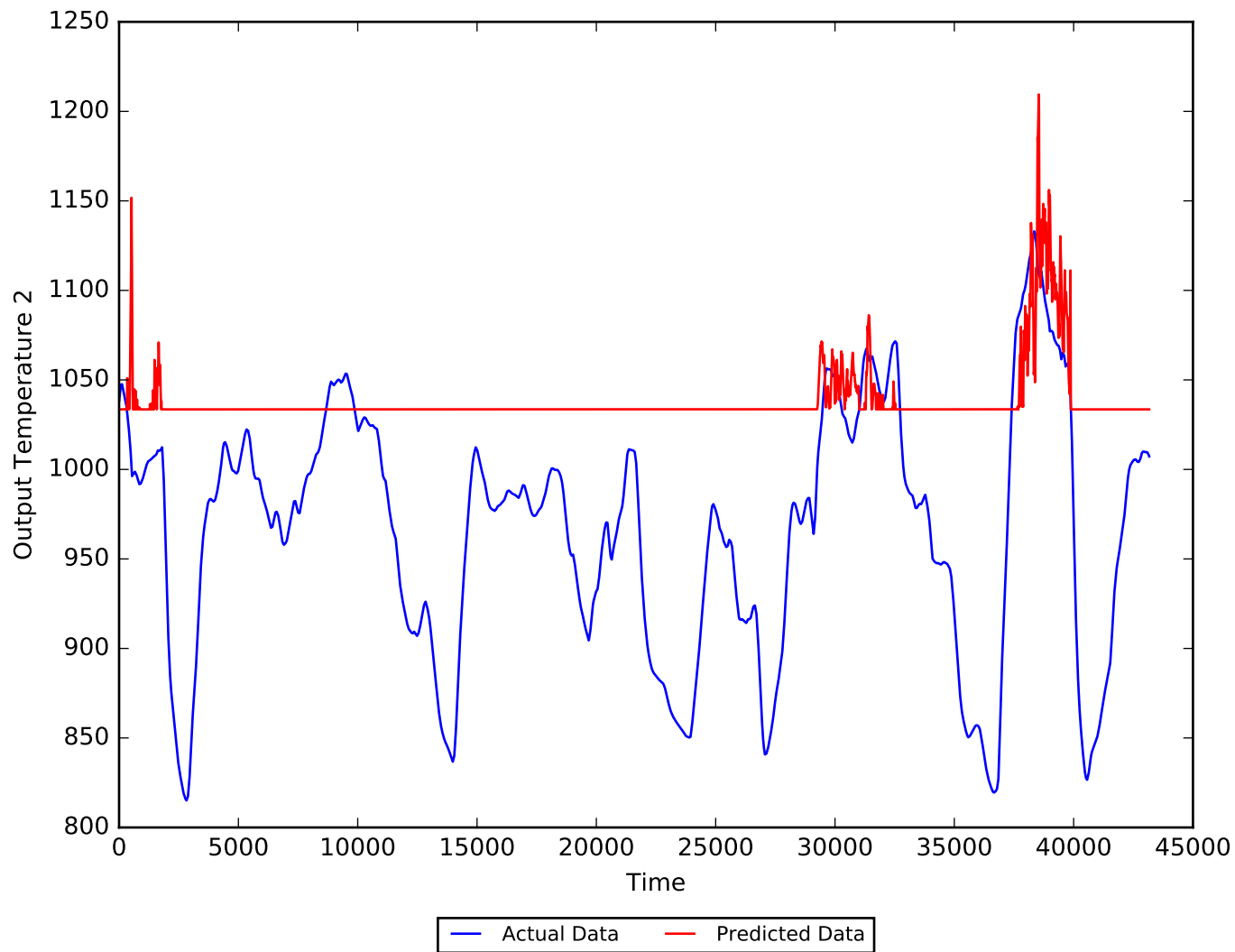
$$\text{output_section_temp8} \sim \text{input_mat_temp8} + \text{input_mat_temp8}^2 + \text{input_mat_temp8}^3$$



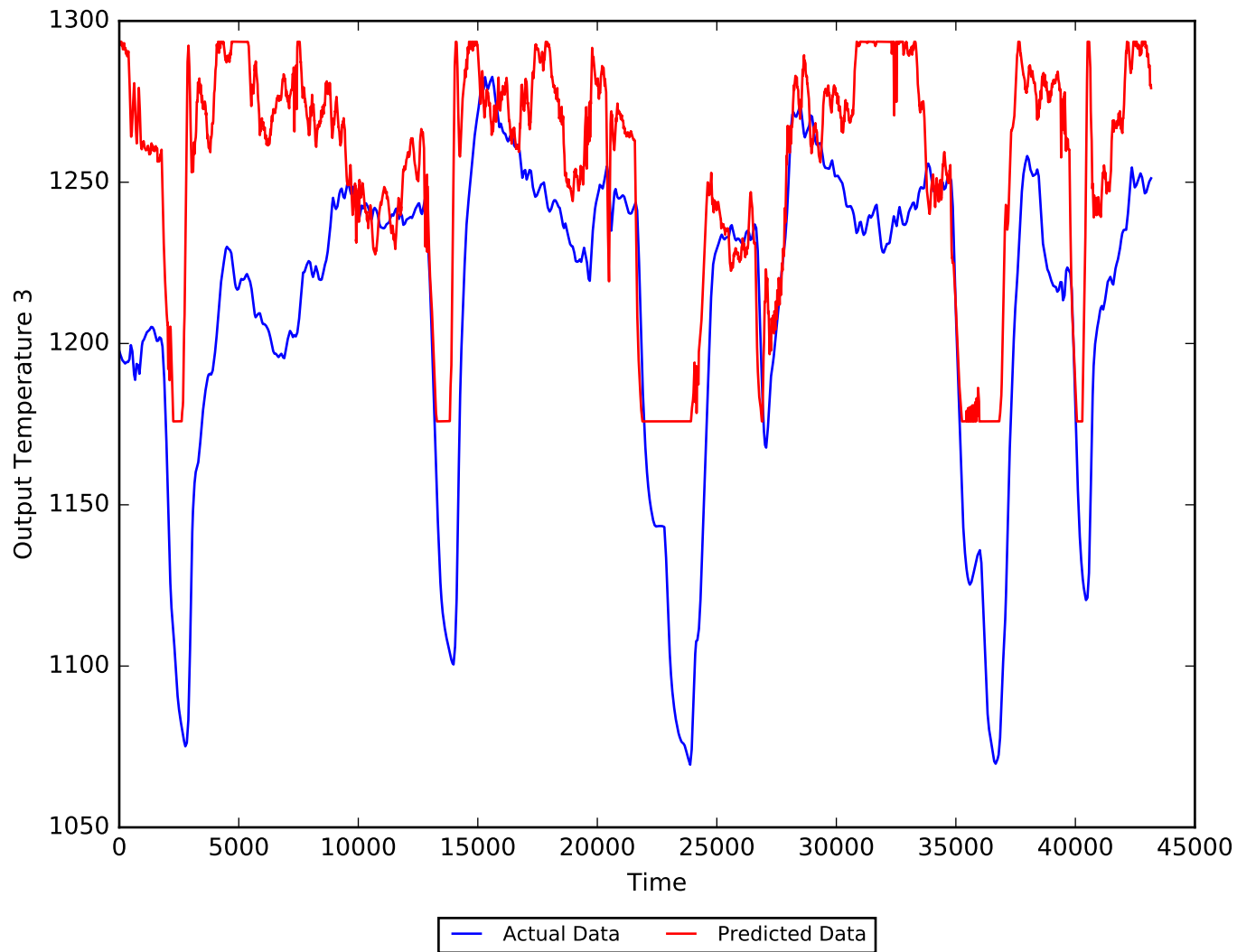
$$\text{output_section_temp1} \sim \text{input_heat_energy1} + \text{input_heat_energy1}^{**2}$$



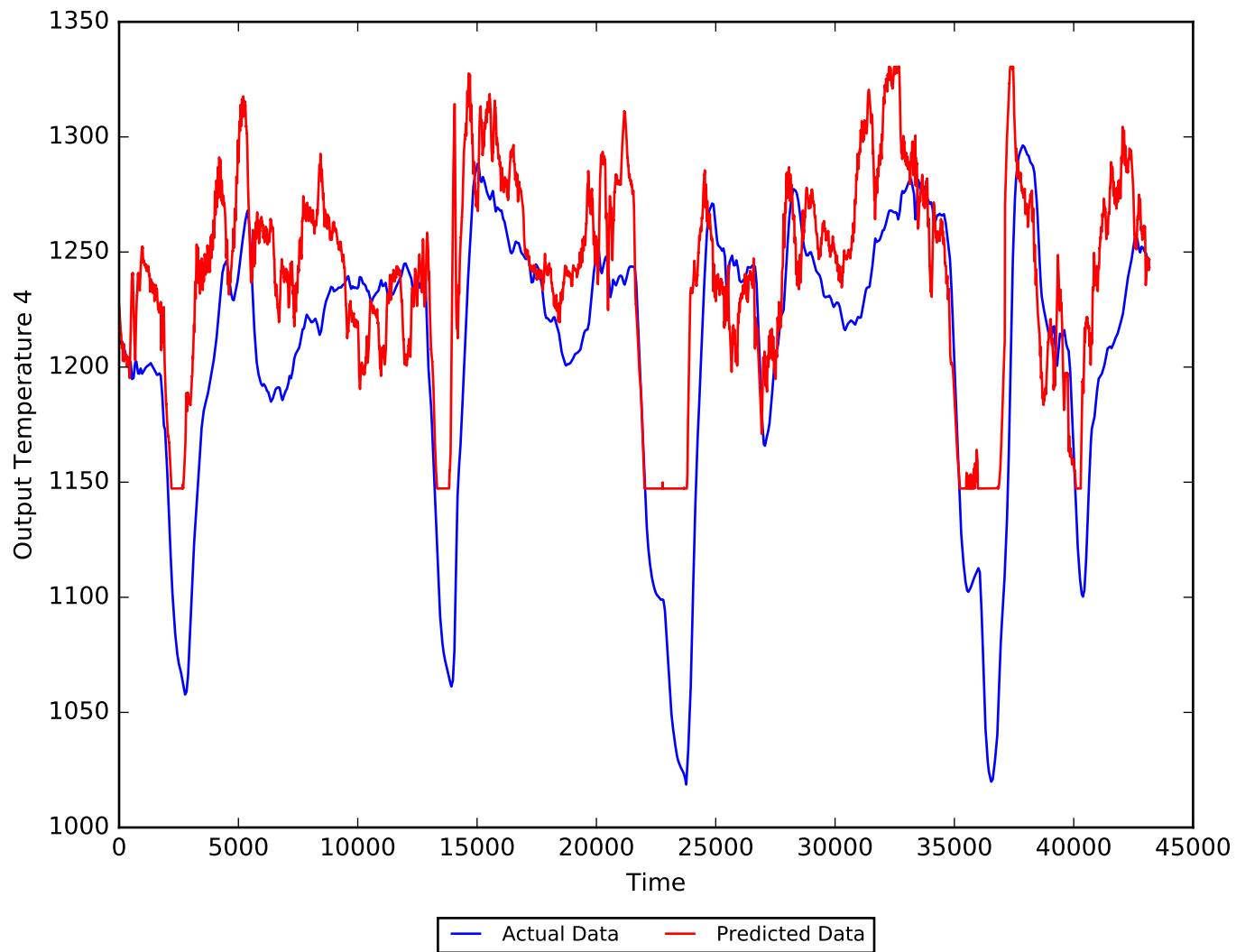
$$\text{output_section_temp2} \sim \text{input_heat_energy2} + \text{input_heat_energy2}^{**2}$$



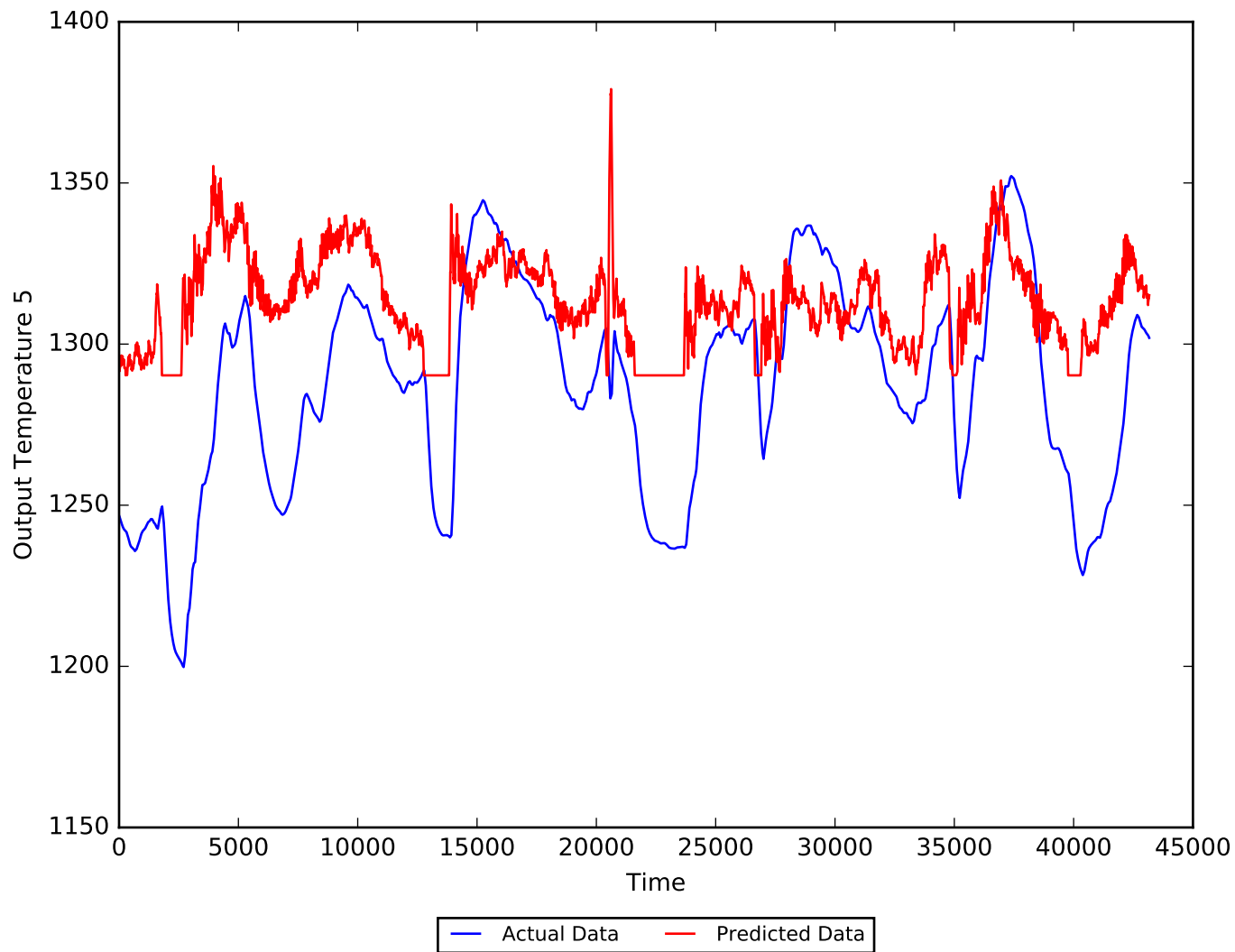
$$\text{output_section_temp3} \sim \text{input_heat_energy3} + \text{input_heat_energy3}^{**2}$$



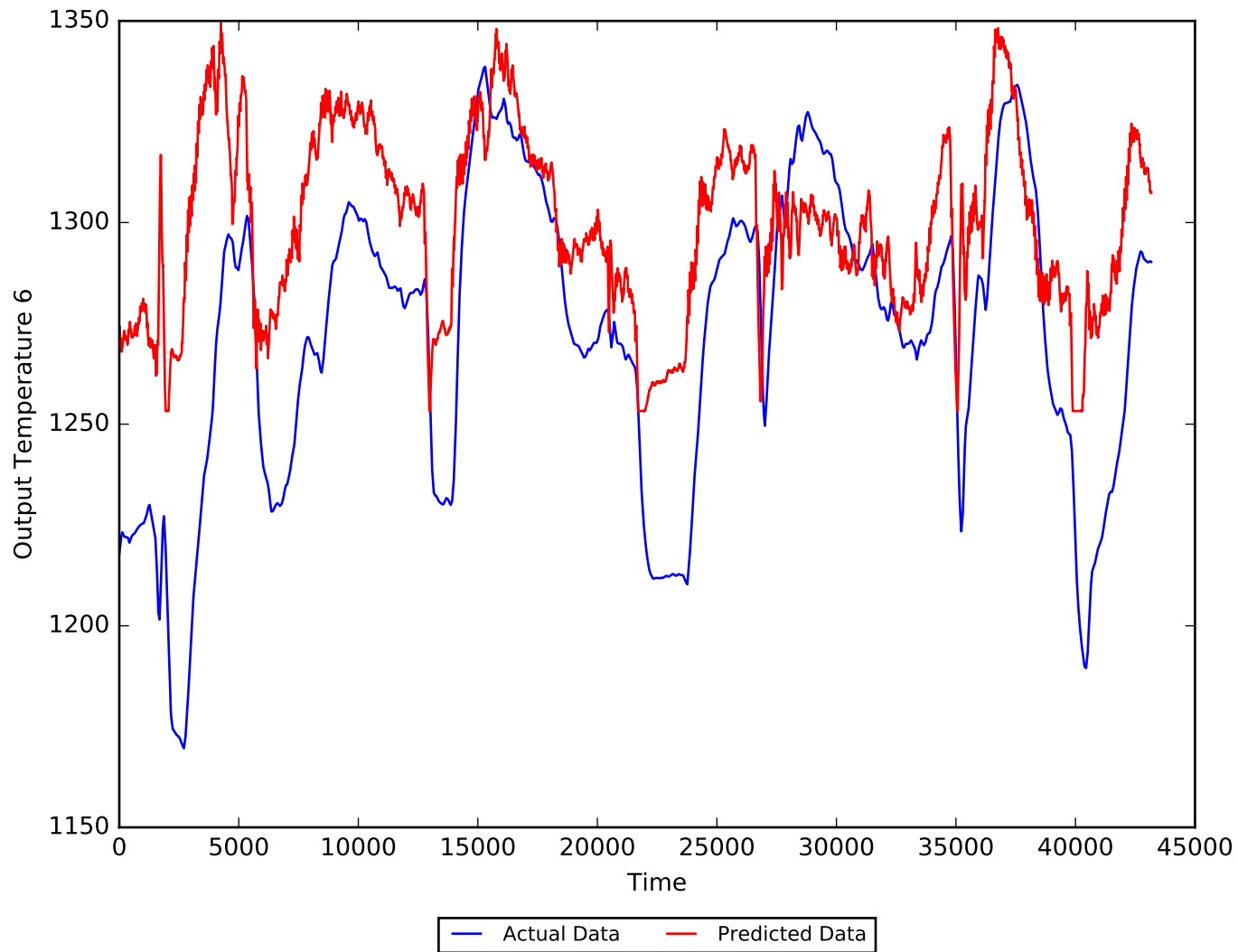
$$\text{output_section_temp4} \sim \text{input_heat_energy4} + \text{input_heat_energy4}^{**2}$$



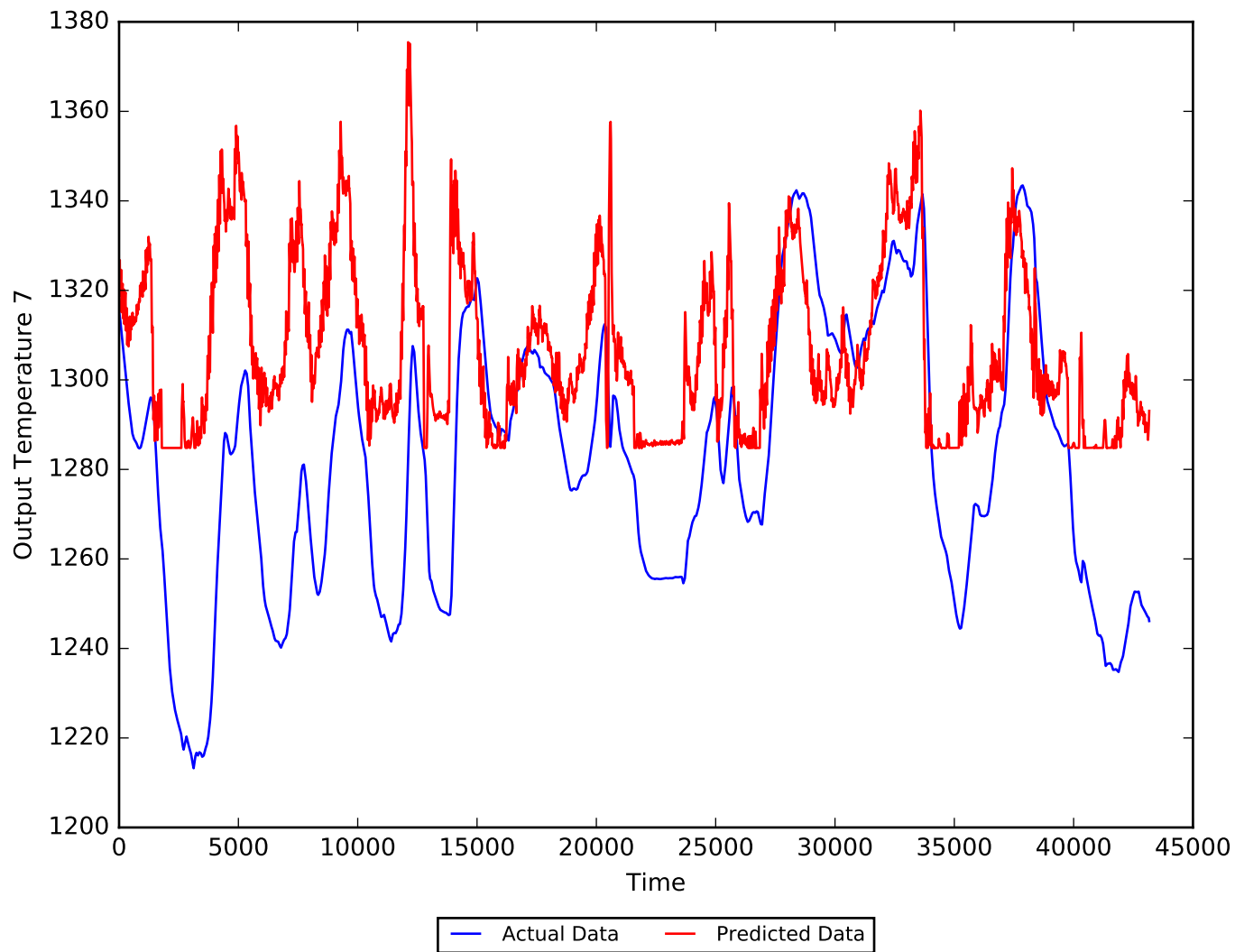
$$\text{output_section_temp5} \sim \text{input_heat_energy5} + \text{input_heat_energy5}^{**2}$$



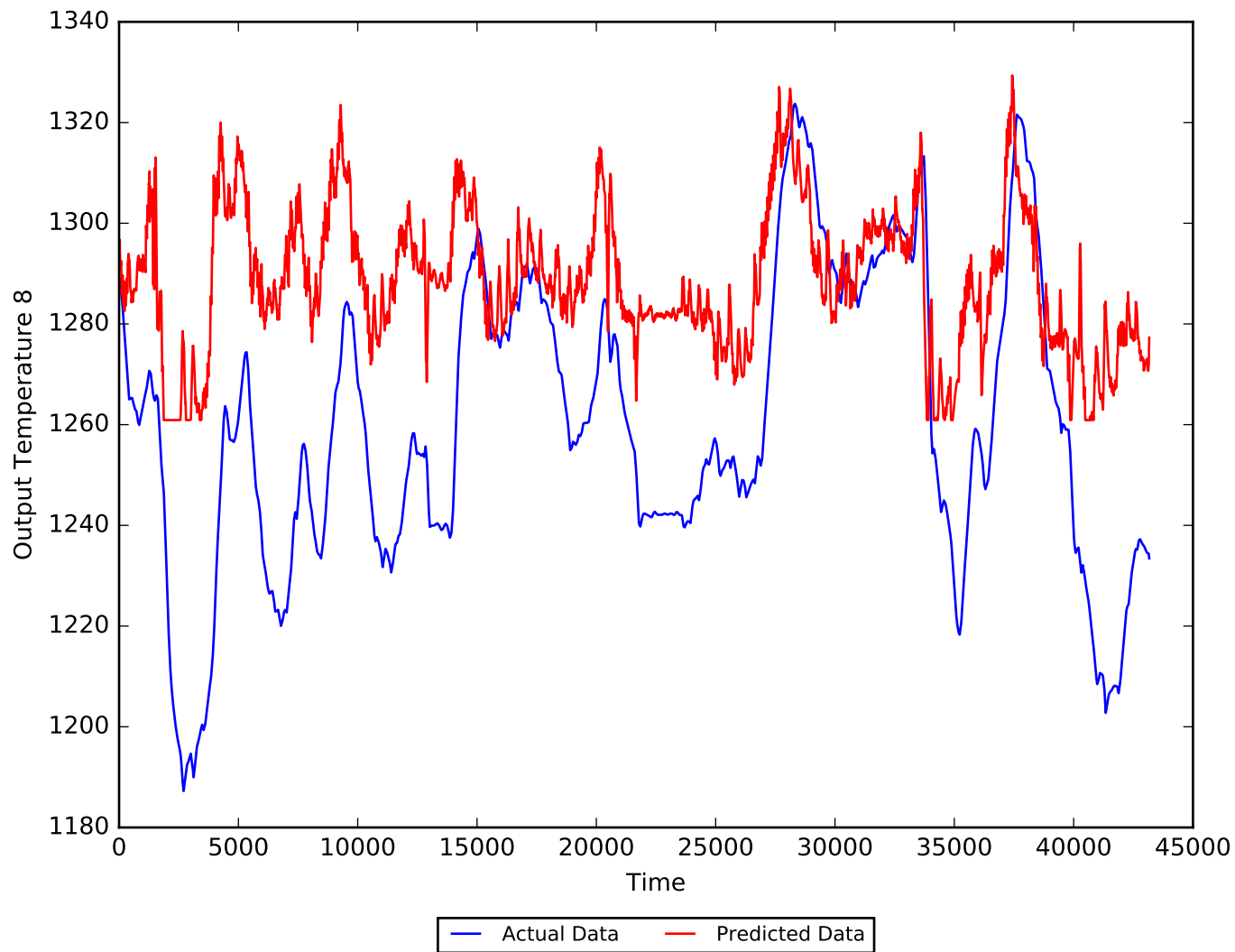
$$\text{output_section_temp6} \sim \text{input_heat_energy6} + \text{input_heat_energy6}^{**2}$$



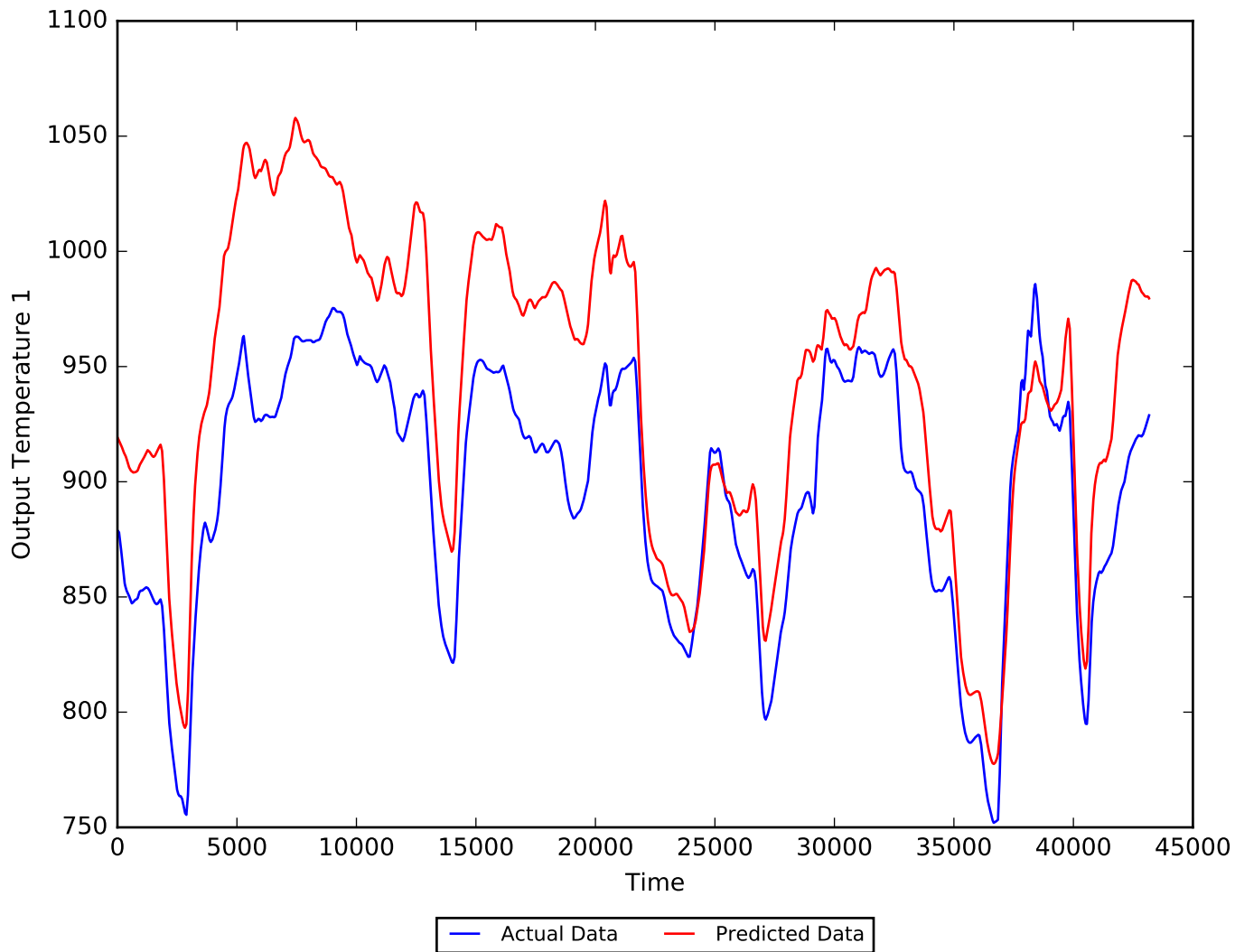
$$\text{output_section_temp7} \sim \text{input_heat_energy7} + \text{input_heat_energy7}^{**2}$$



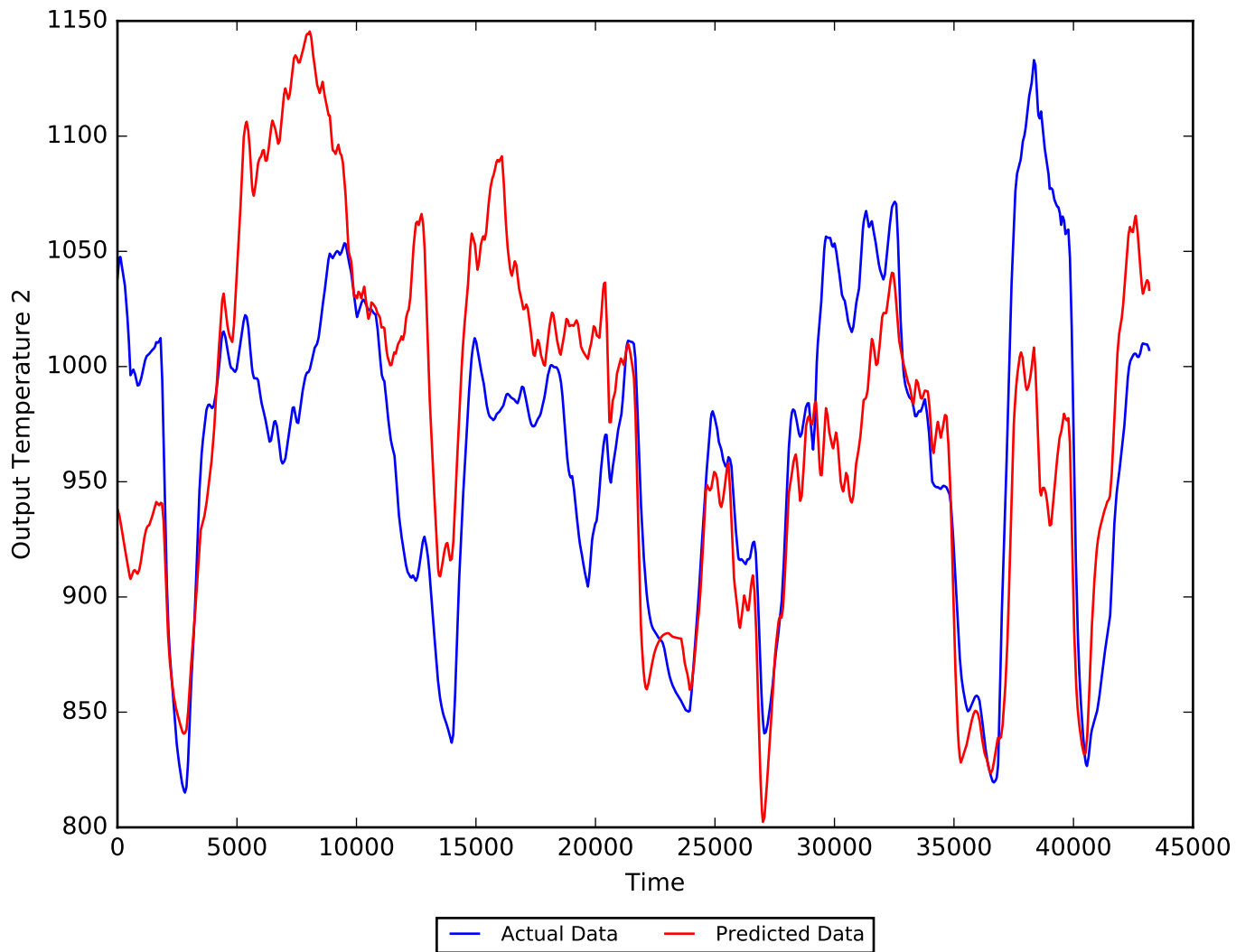
$$\text{output_section_temp8} \sim \text{input_heat_energy8} + \text{input_heat_energy8}^{**2}$$



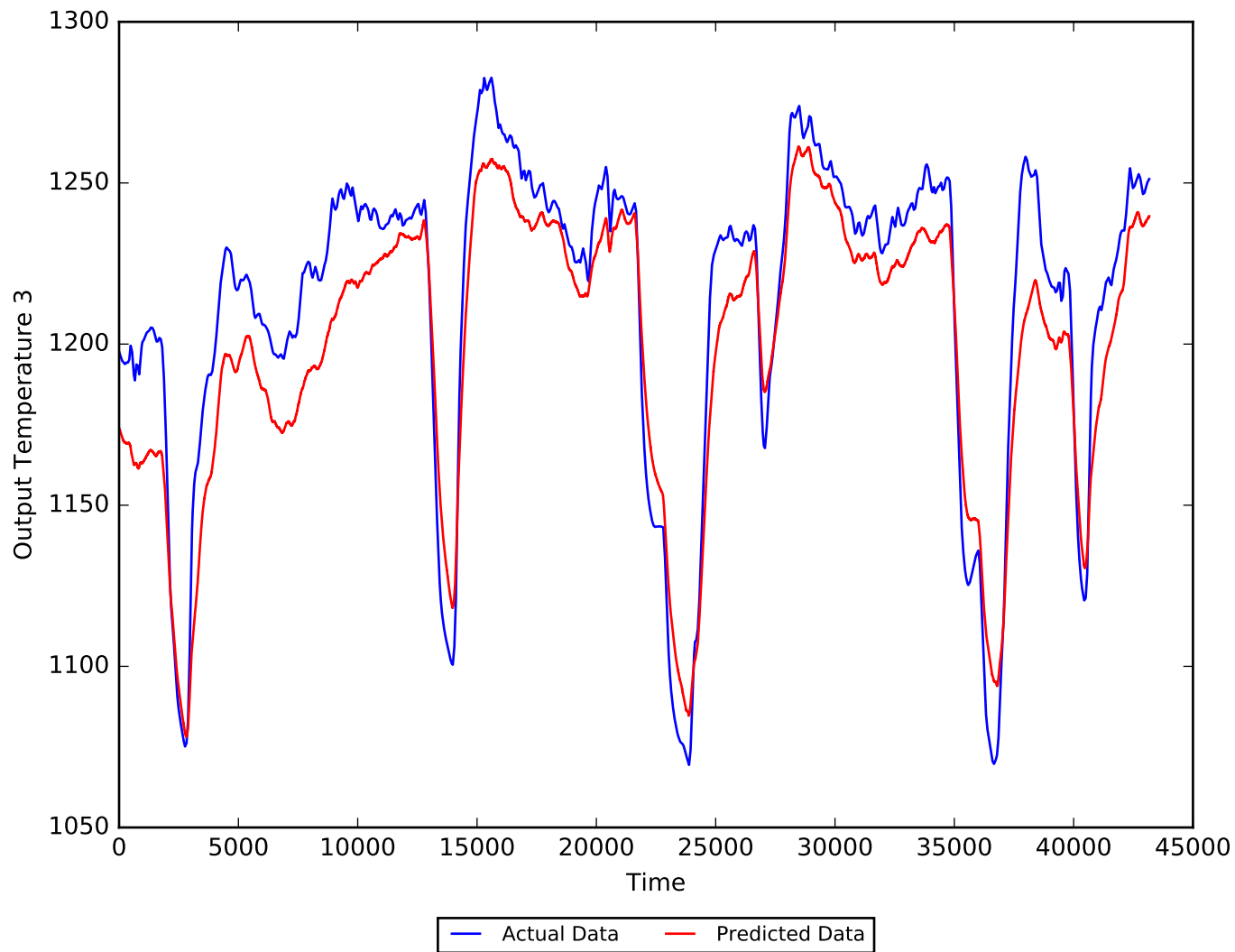
$$\text{output_section_temp1} \sim \text{input_wall_temp1} + \text{input_wall_temp1}^{**2}$$



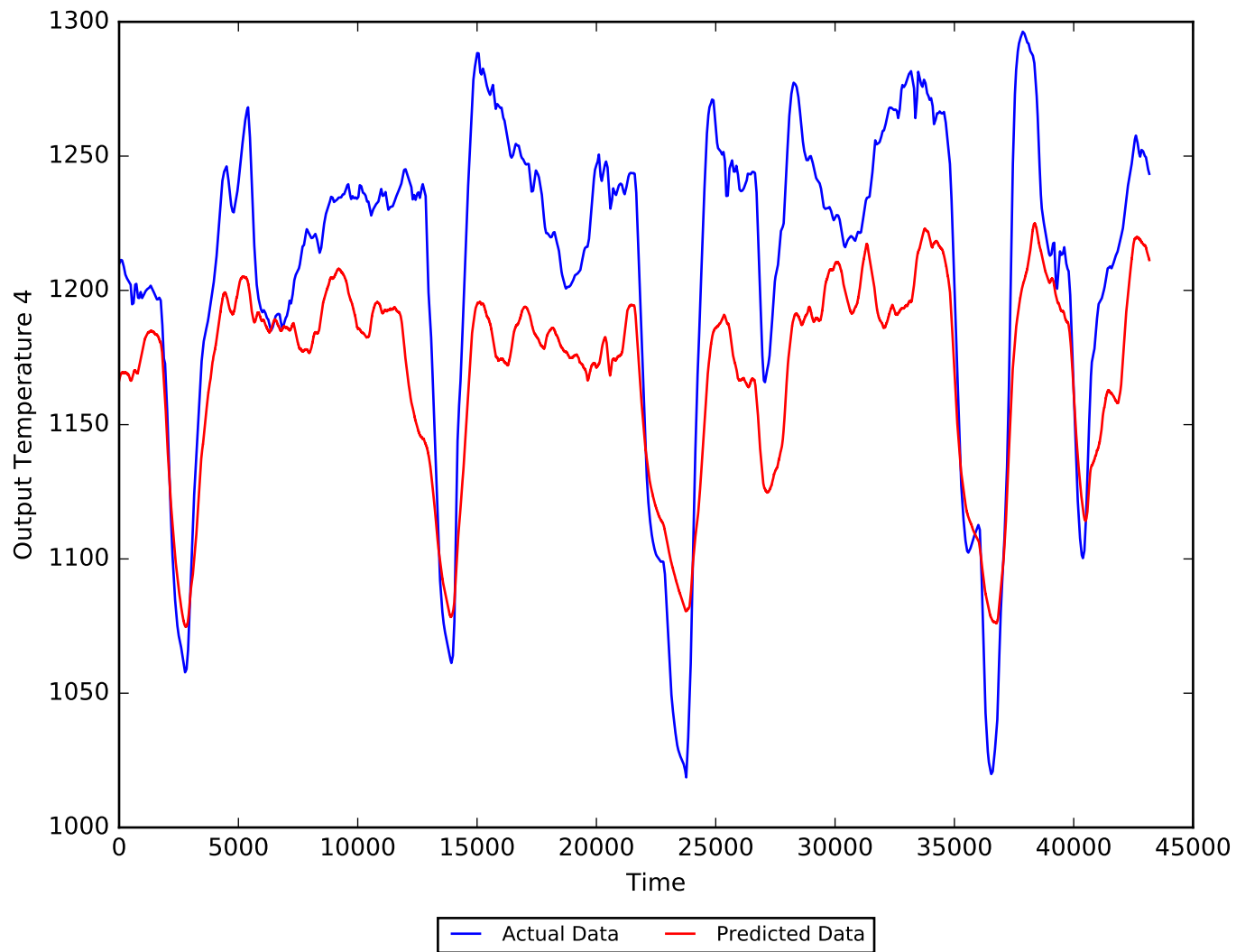
$$\text{output_section_temp2} \sim \text{input_wall_temp2} + \text{input_wall_temp2}^2$$



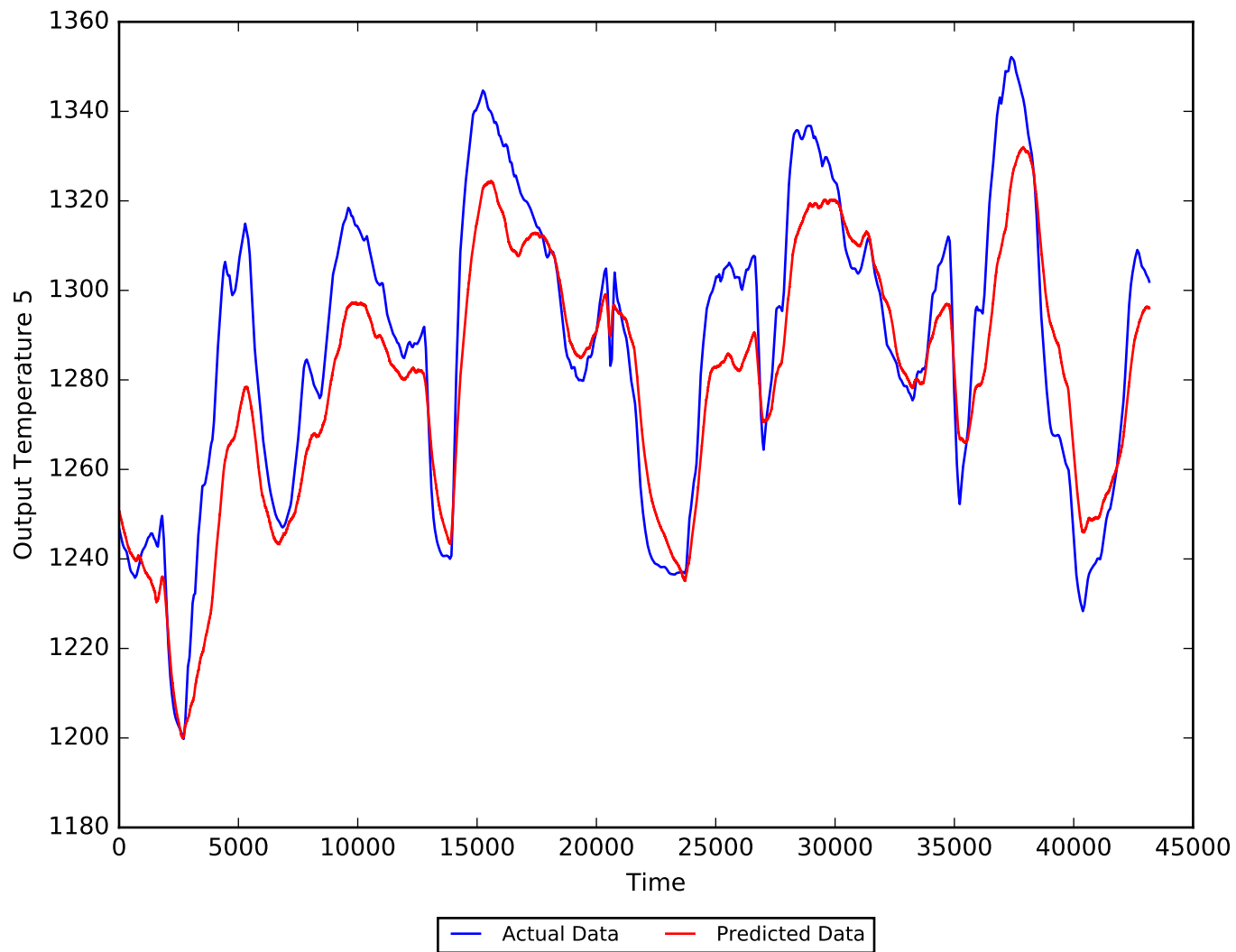
$$\text{output_section_temp3} \sim \text{input_wall_temp3} + \text{input_wall_temp3}^2$$



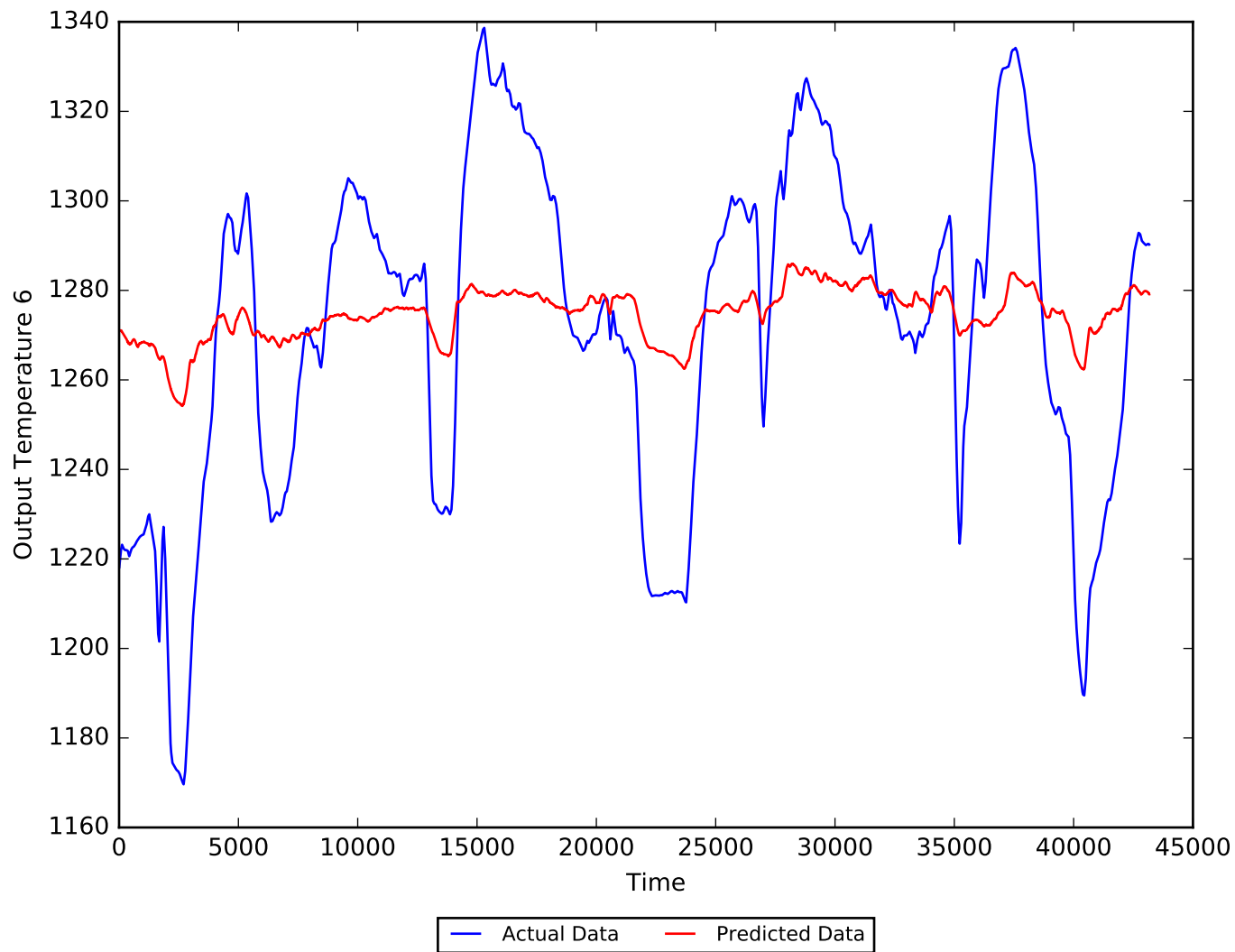
$$\text{output_section_temp4} \sim \text{input_wall_temp4} + \text{input_wall_temp4}^{**2}$$



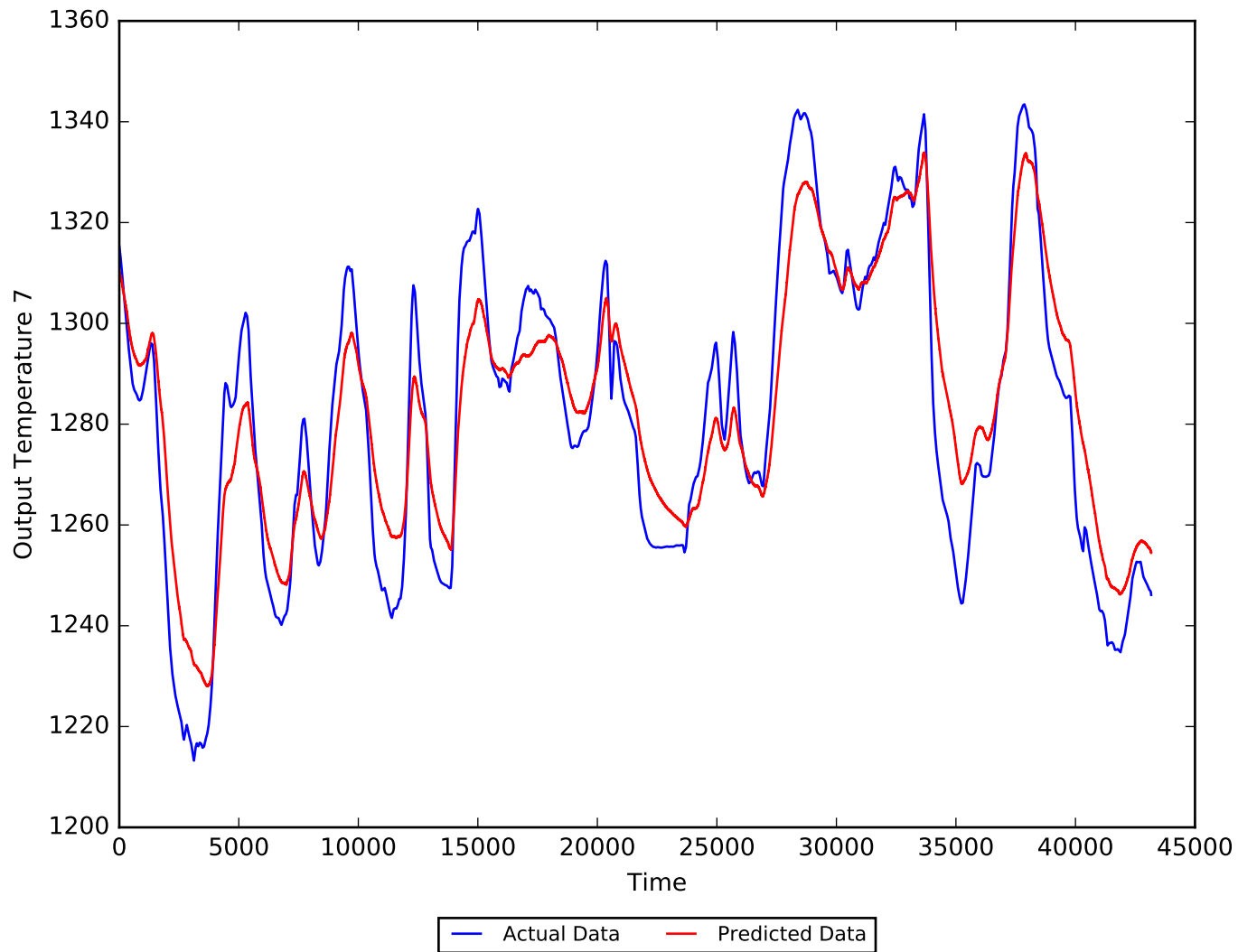
$$\text{output_section_temp5} \sim \text{input_wall_temp5} + \text{input_wall_temp5}^2$$



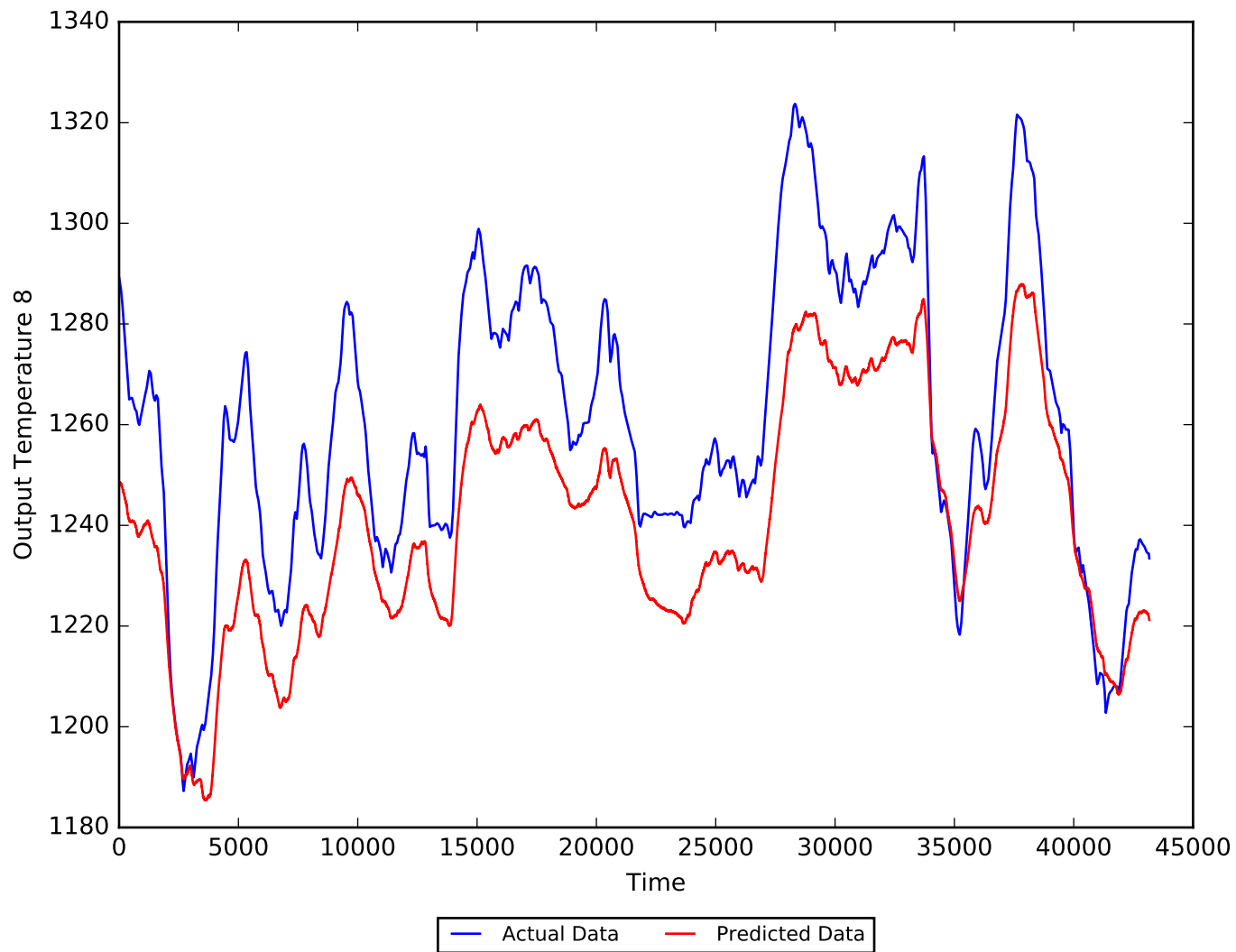
$$\text{output_section_temp6} \sim \text{input_wall_temp6} + \text{input_wall_temp6}^{**2}$$



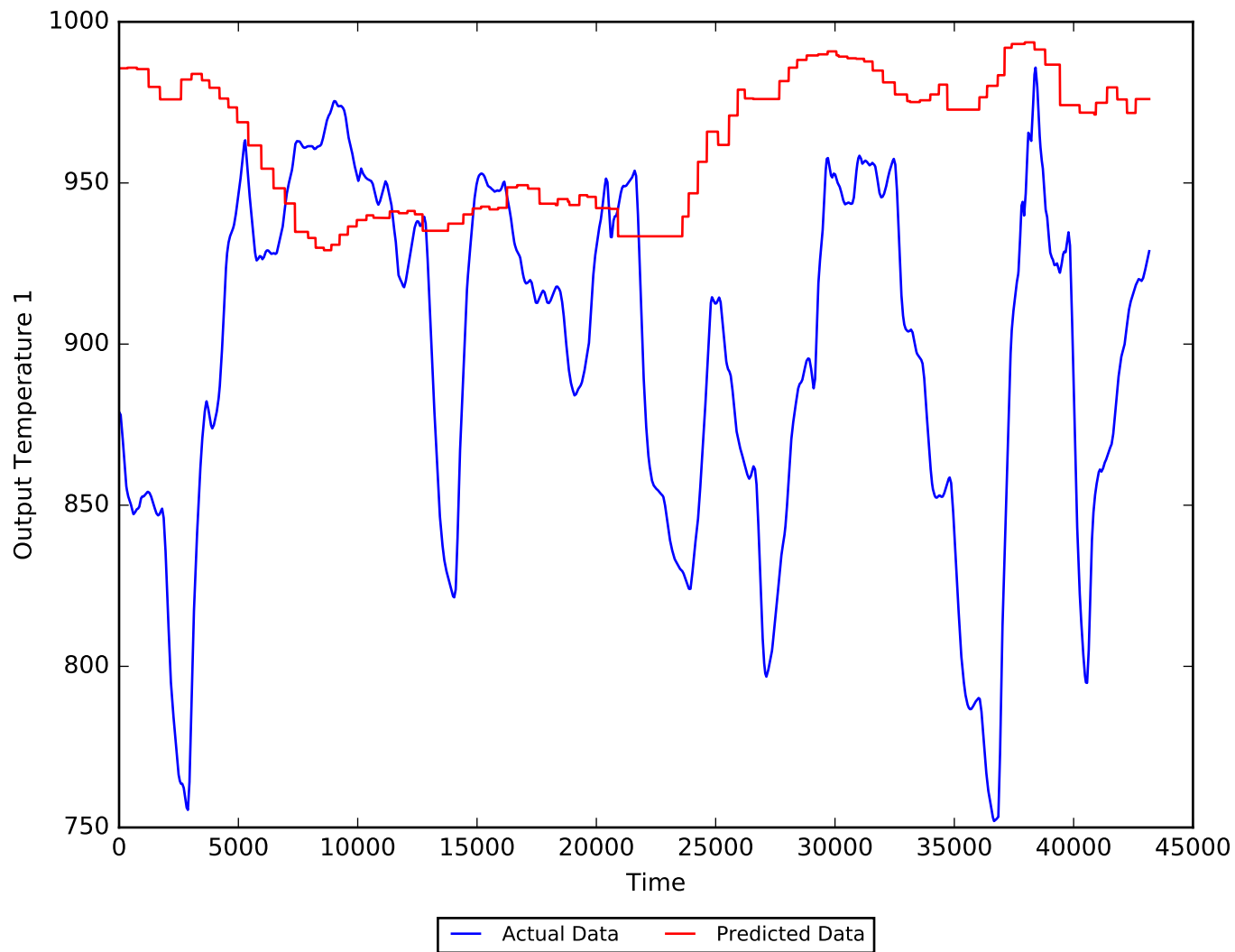
$$\text{output_section_temp7} \sim \text{input_wall_temp7} + \text{input_wall_temp7}^{**2}$$



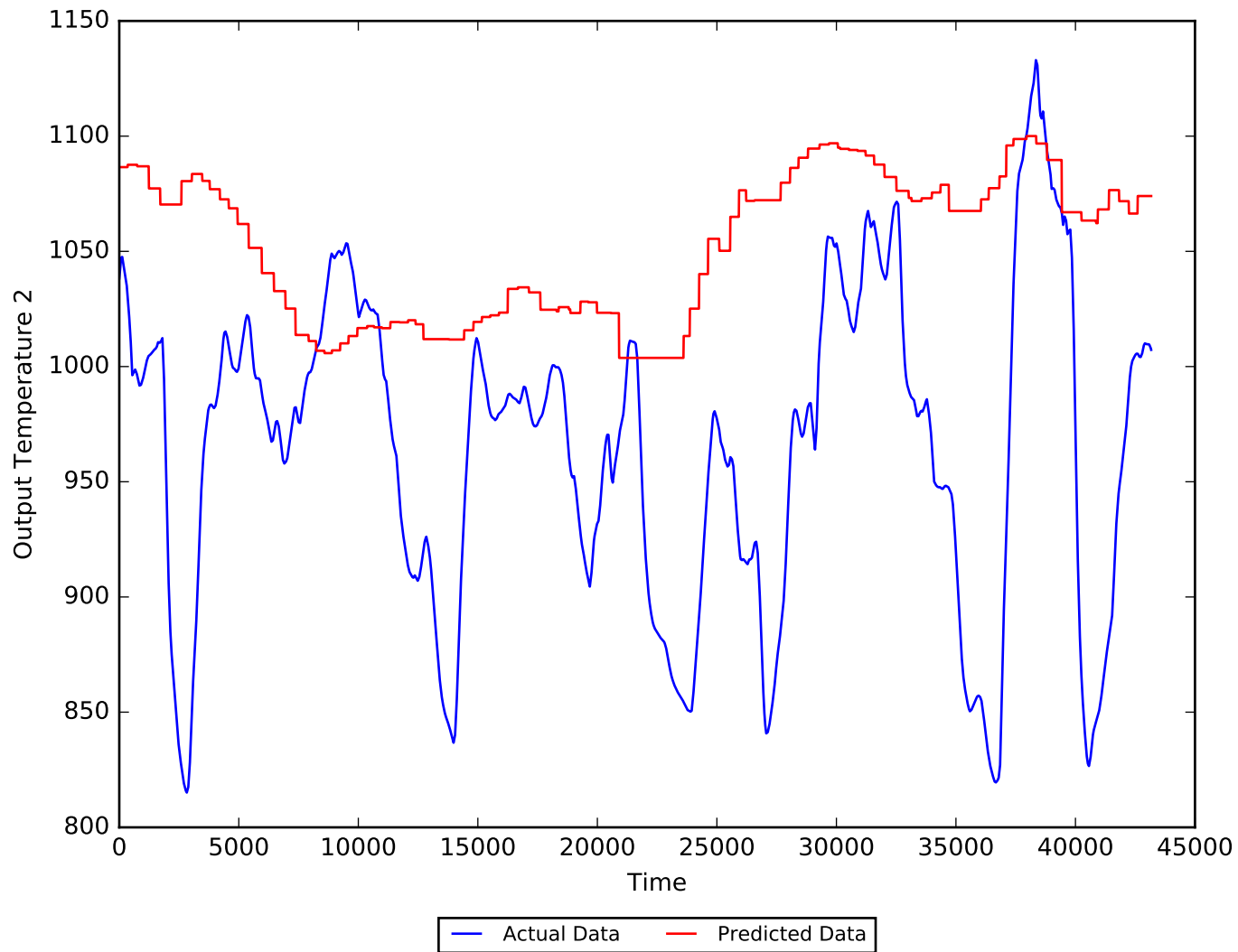
$$\text{output_section_temp8} \sim \text{input_wall_temp8} + \text{input_wall_temp8}^2$$



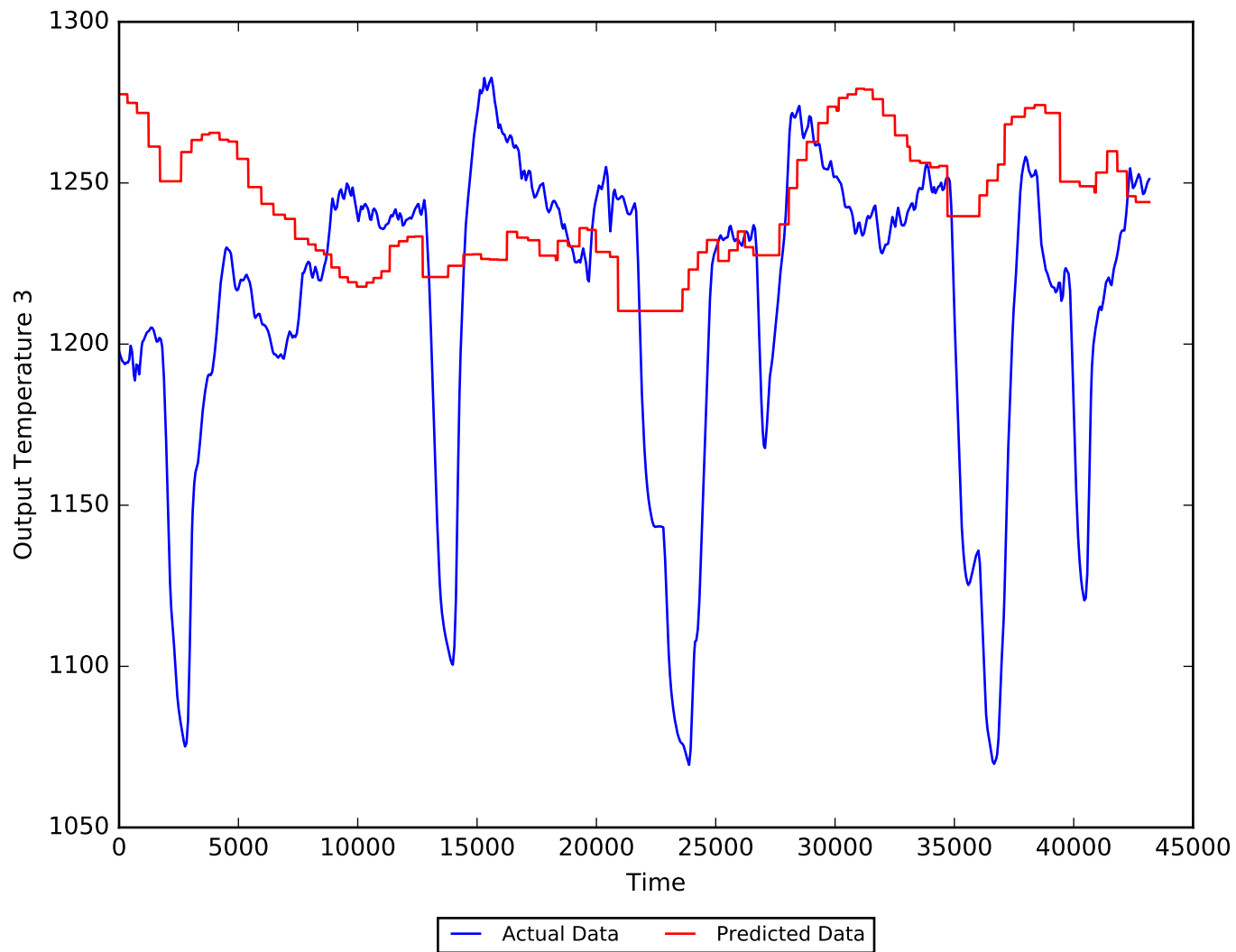
$$\text{output_section_temp1} \sim \text{input_mat_temp1} + \text{input_mat_temp1}^{**2}$$



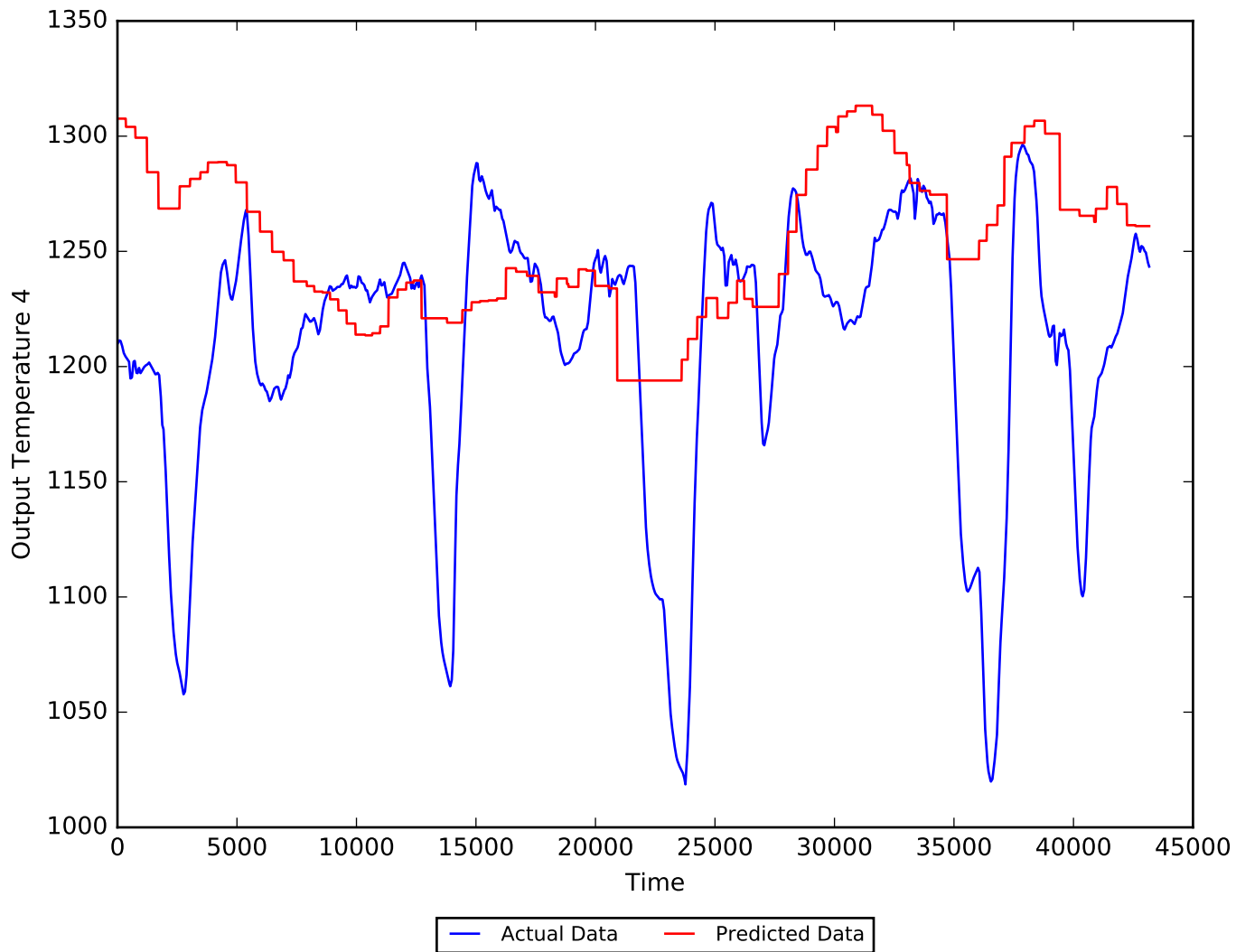
$$\text{output_section_temp2} \sim \text{input_mat_temp2} + \text{input_mat_temp2}^2$$



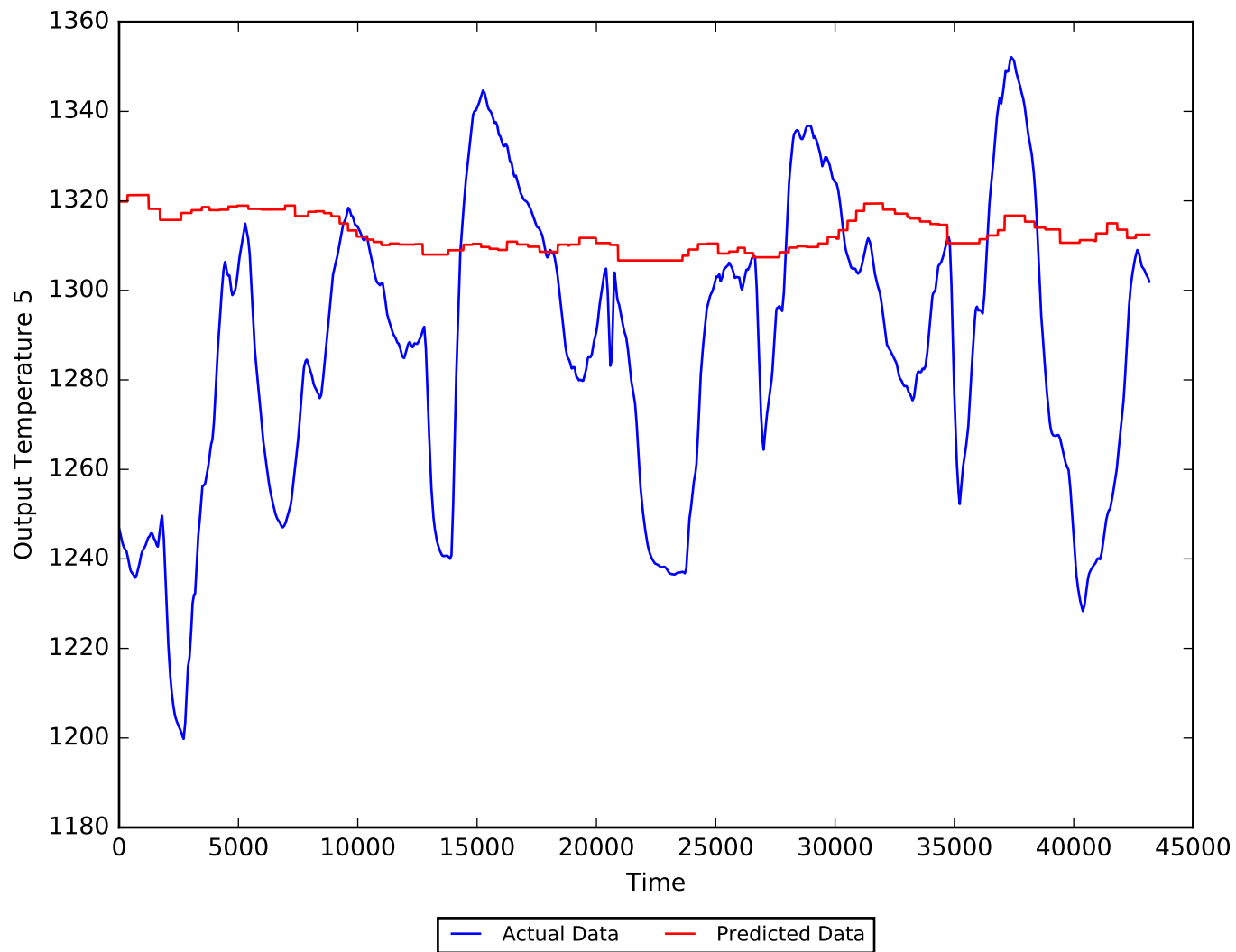
$$\text{output_section_temp3} \sim \text{input_mat_temp3} + \text{input_mat_temp3}^2$$



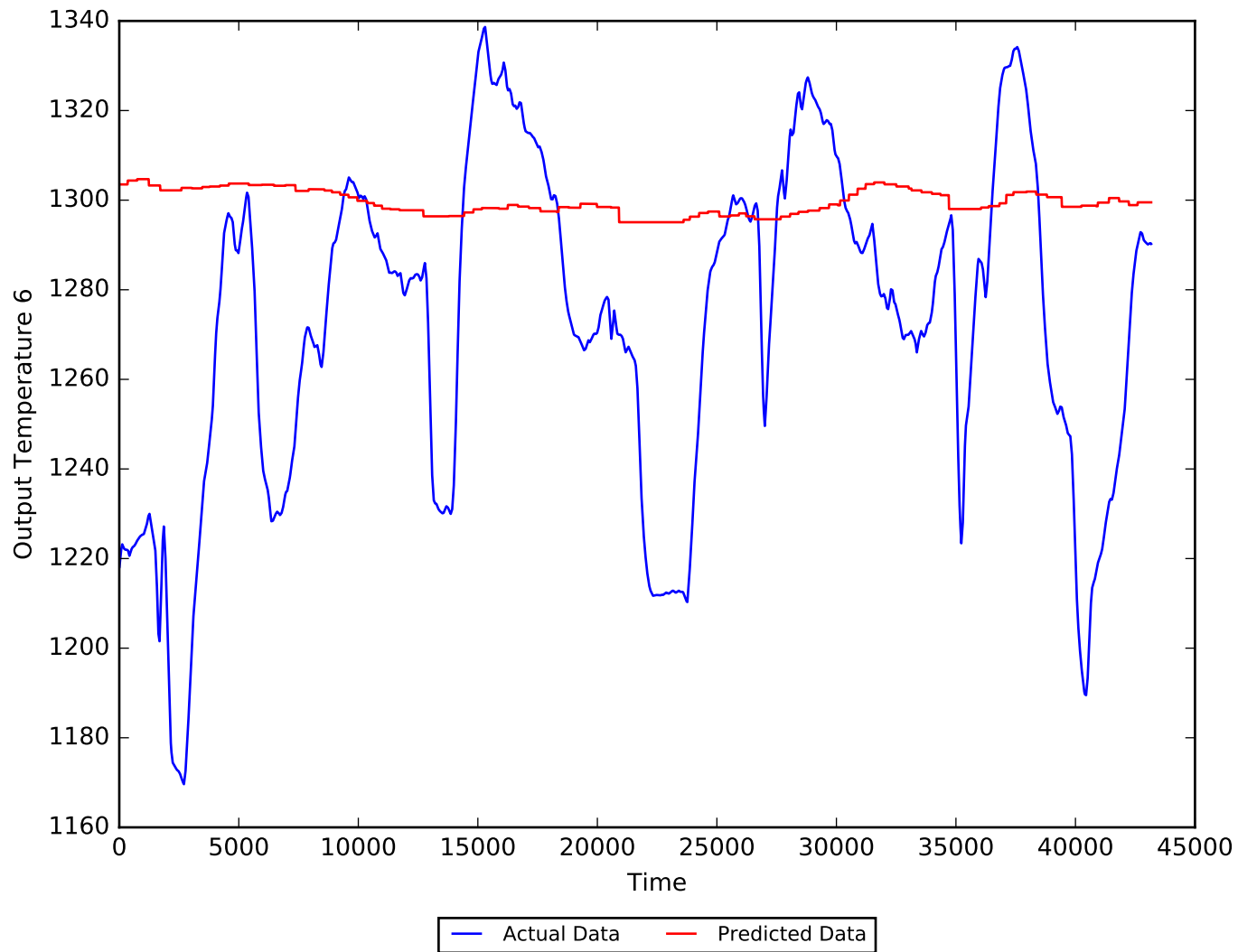
$$\text{output_section_temp4} \sim \text{input_mat_temp4} + \text{input_mat_temp4}^{**2}$$



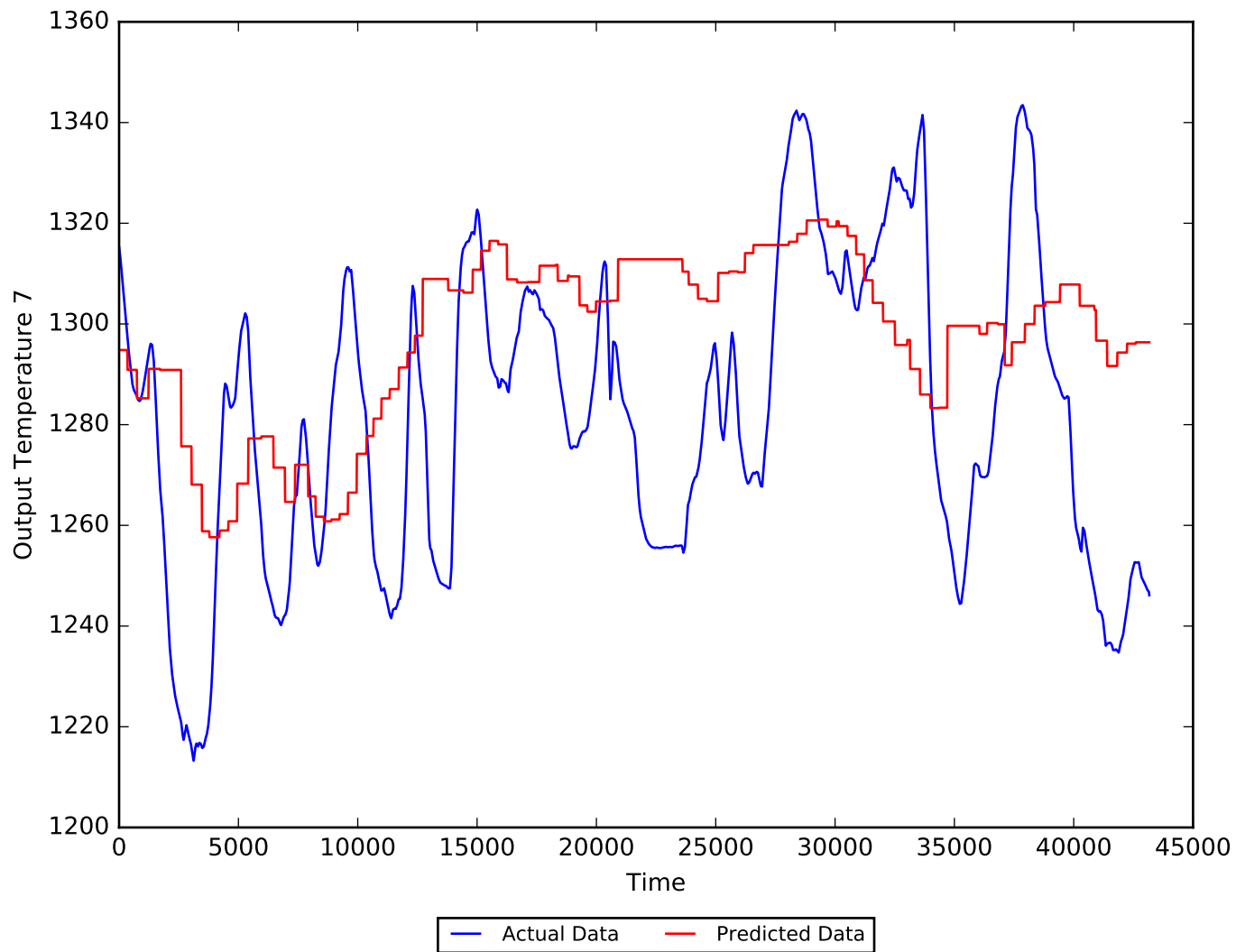
$$\text{output_section_temp5} \sim \text{input_mat_temp5} + \text{input_mat_temp5}^2$$



$$\text{output_section_temp6} \sim \text{input_mat_temp6} + \text{input_mat_temp6}^2$$



$$\text{output_section_temp7} \sim \text{input_mat_temp7} + \text{input_mat_temp7}^2$$



$$\text{output_section_temp8} \sim \text{input_mat_temp8} + \text{input_mat_temp8}^2$$

