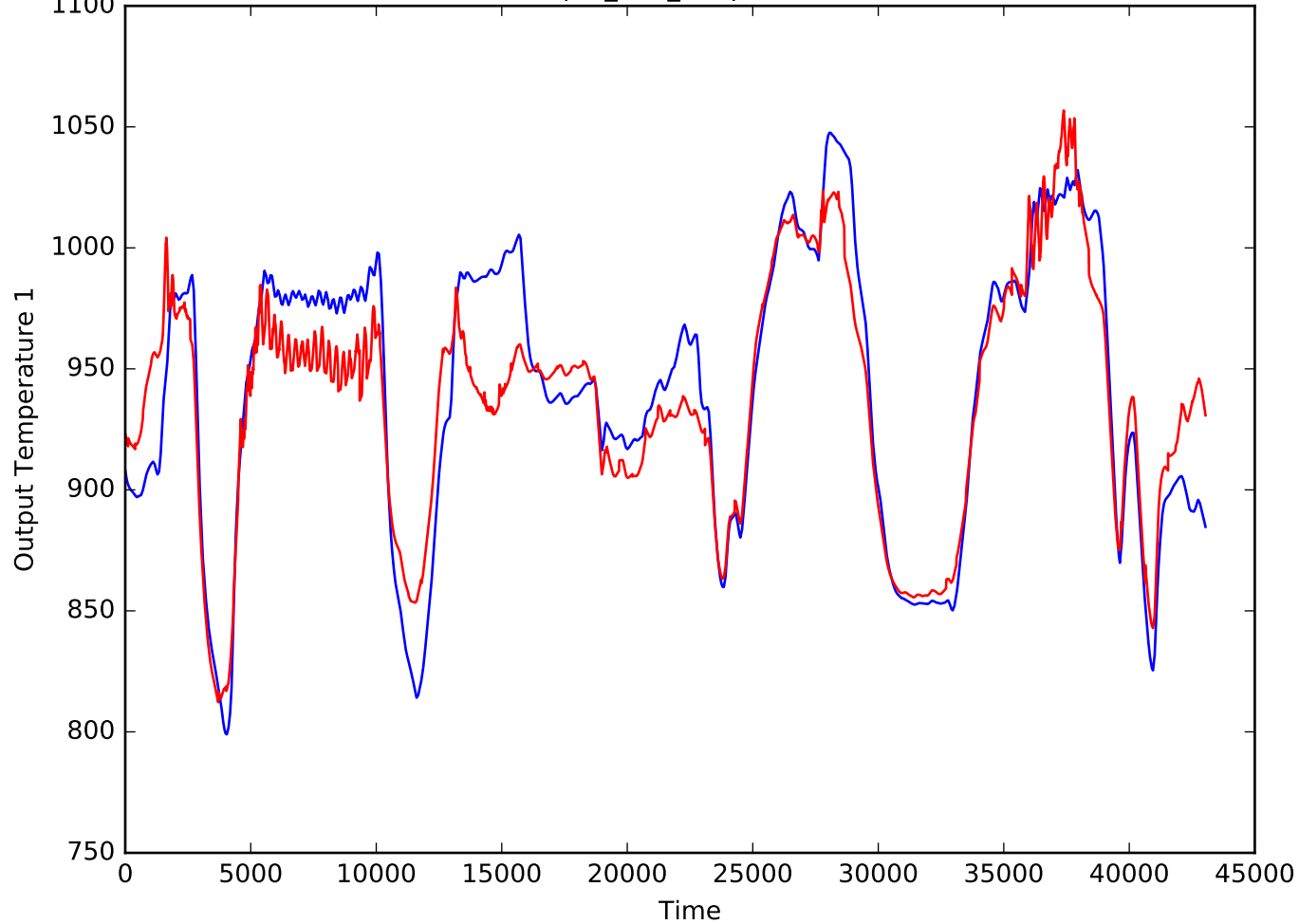
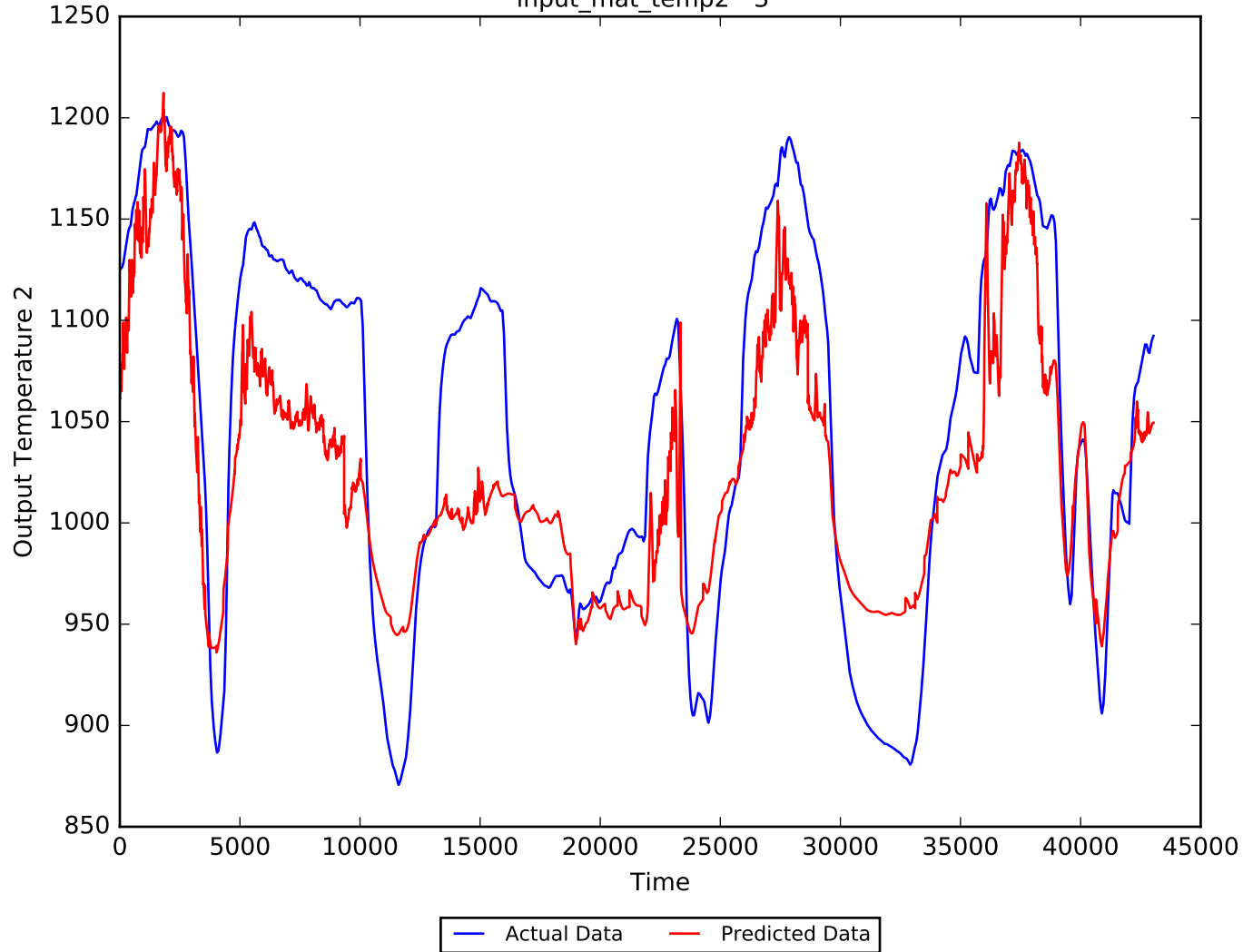


$$\text{output\_section\_temp1} \sim \text{input\_heat\_energy1} + \text{input\_wall\_temp1} + \text{input\_mat\_temp1} + \text{input\_wall\_temp1}^2 + \text{input\_heat\_energy1}^2 + \text{input\_mat\_temp1}^2 + \text{input\_wall\_temp1}^3 + \text{input\_heat\_energy1}^3 + \text{input\_mat\_temp1}^3$$

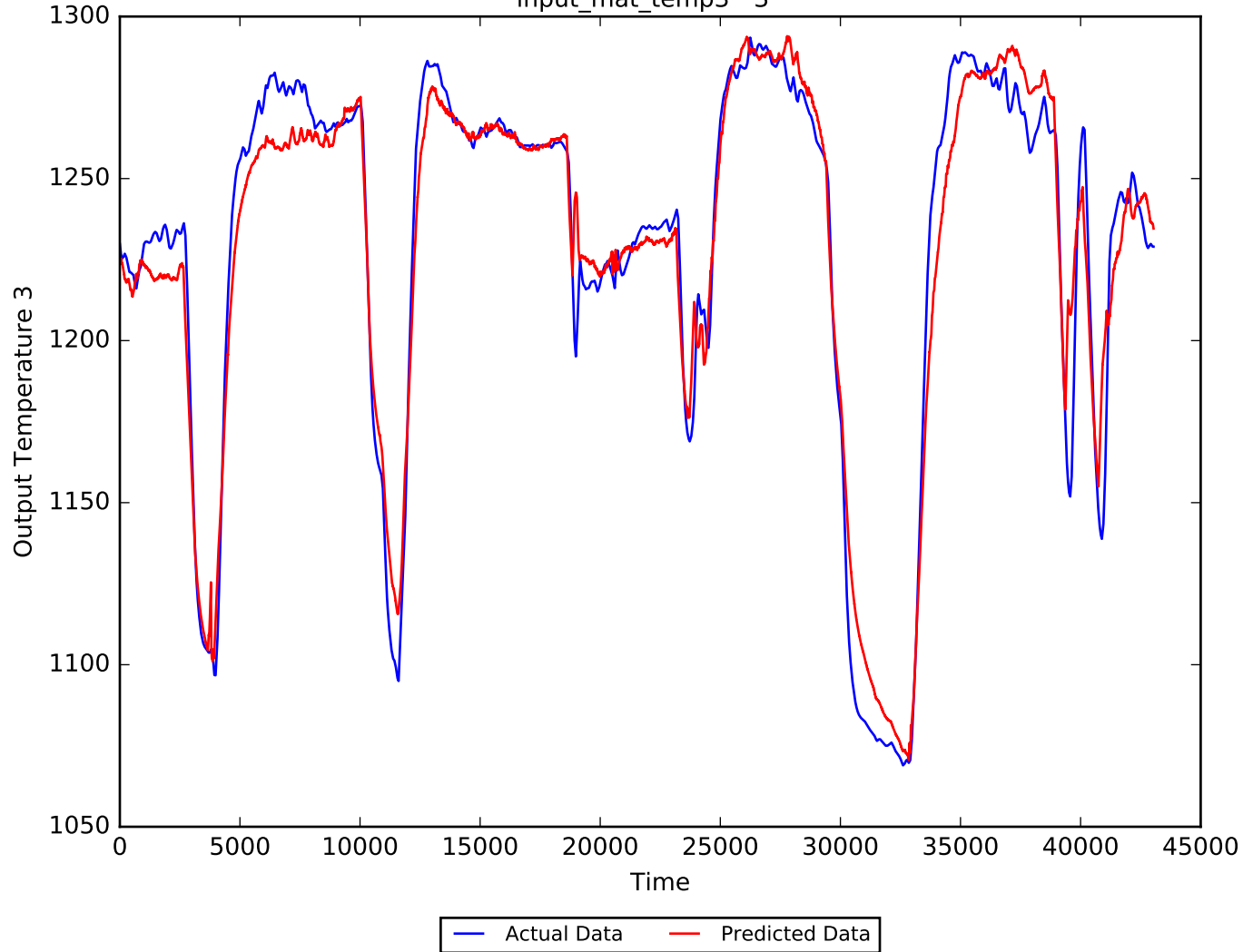


— Actual Data — Predicted Data

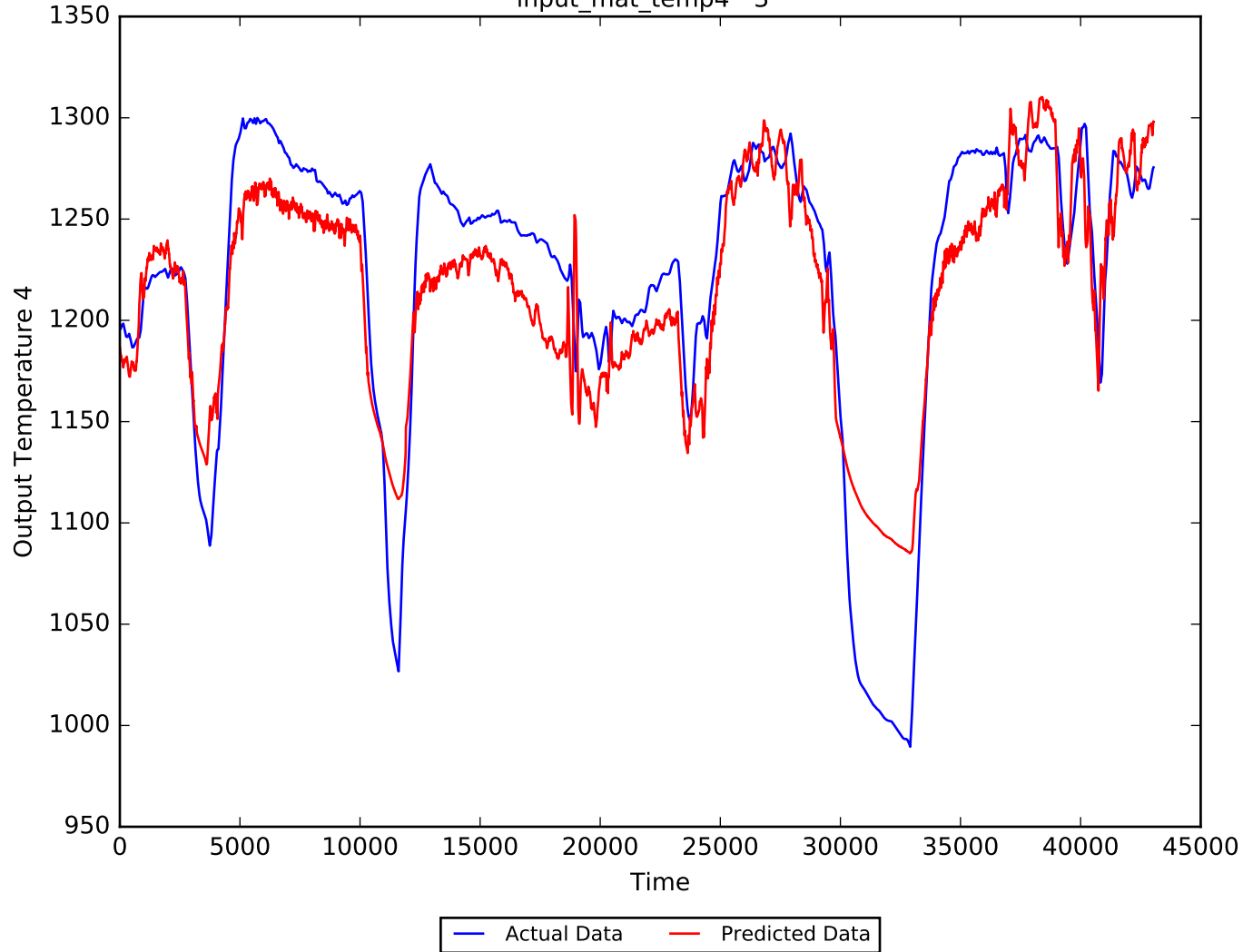
$$\text{output\_section\_temp2} \sim \text{input\_heat\_energy2} + \text{input\_wall\_temp2} + \text{input\_mat\_temp2} + \text{input\_wall\_temp2}^2 + \text{input\_heat\_energy2}^2 + \text{input\_mat\_temp2}^2 + \text{input\_wall\_temp2}^3 + \text{input\_heat\_energy2}^3 + \text{input\_mat\_temp2}^3$$



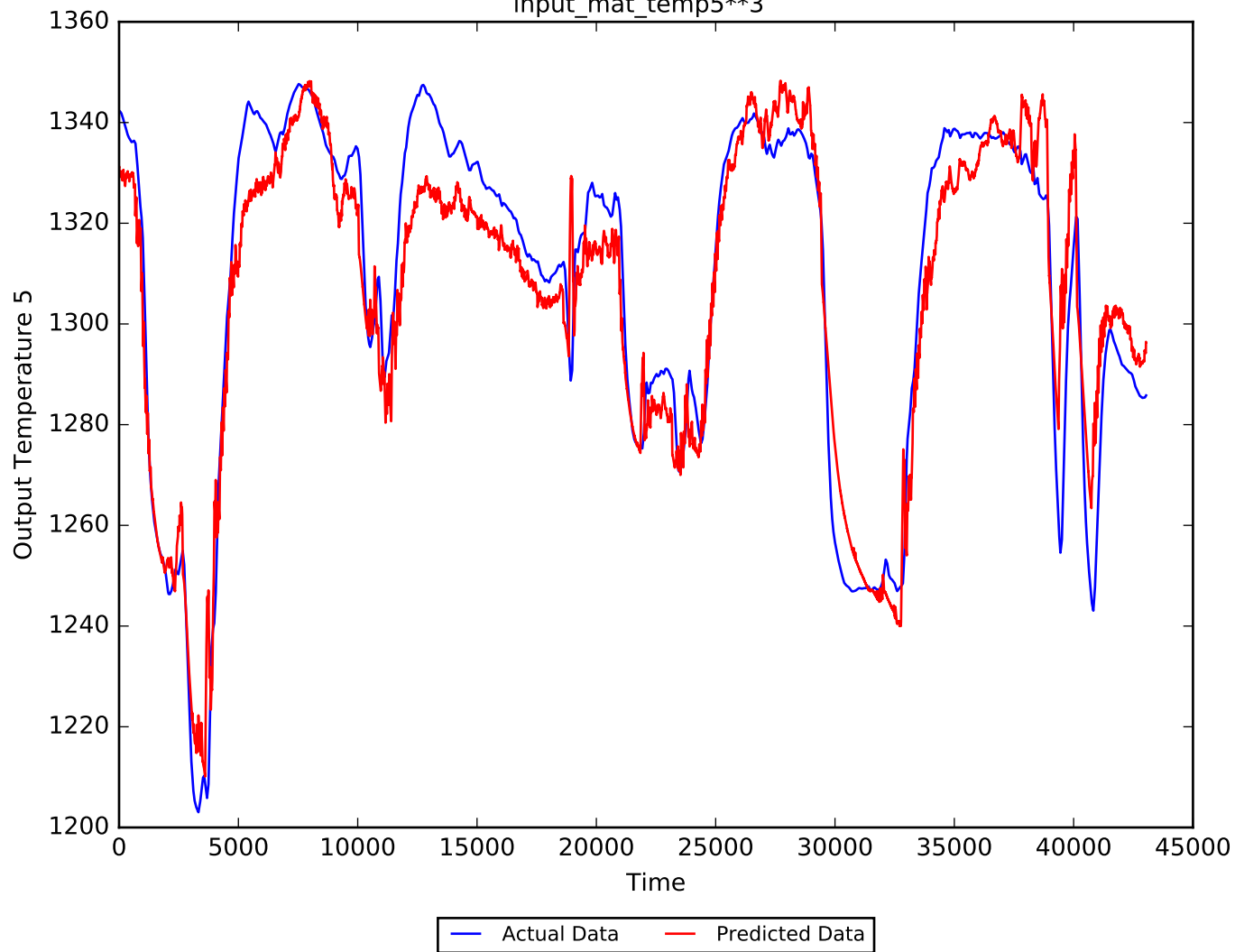
$$\text{output\_section\_temp3} \sim \text{input\_heat\_energy3} + \text{input\_wall\_temp3} + \text{input\_mat\_temp3} + \text{input\_wall\_temp3}^2 + \text{input\_heat\_energy3}^2 + \text{input\_mat\_temp3}^2 + \text{input\_wall\_temp3}^3 + \text{input\_heat\_energy3}^3 + \text{input\_mat\_temp3}^3$$



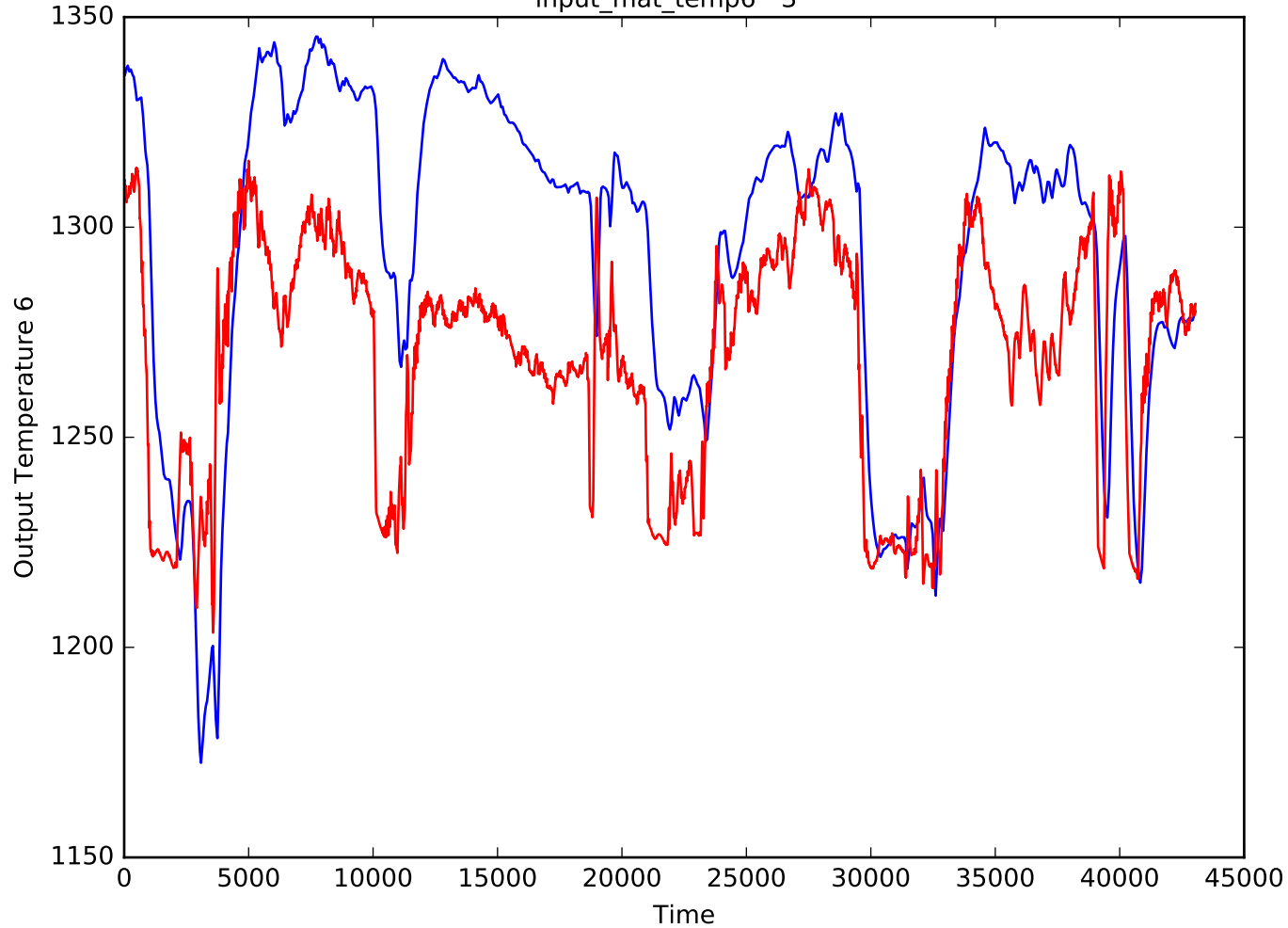
$$\text{output\_section\_temp4} \sim \text{input\_heat\_energy4} + \text{input\_wall\_temp4} + \text{input\_mat\_temp4} + \text{input\_wall\_temp4}^2 + \text{input\_heat\_energy4}^2 + \text{input\_mat\_temp4}^2 + \text{input\_wall\_temp4}^3 + \text{input\_heat\_energy4}^3 + \text{input\_mat\_temp4}^3$$



$$\text{output\_section\_temp5} \sim \text{input\_heat\_energy5} + \text{input\_wall\_temp5} + \text{input\_mat\_temp5} + \text{input\_wall\_temp5}^2 + \text{input\_heat\_energy5}^2 + \text{input\_mat\_temp5}^2 + \text{input\_wall\_temp5}^3 + \text{input\_heat\_energy5}^3 + \text{input\_mat\_temp5}^3$$

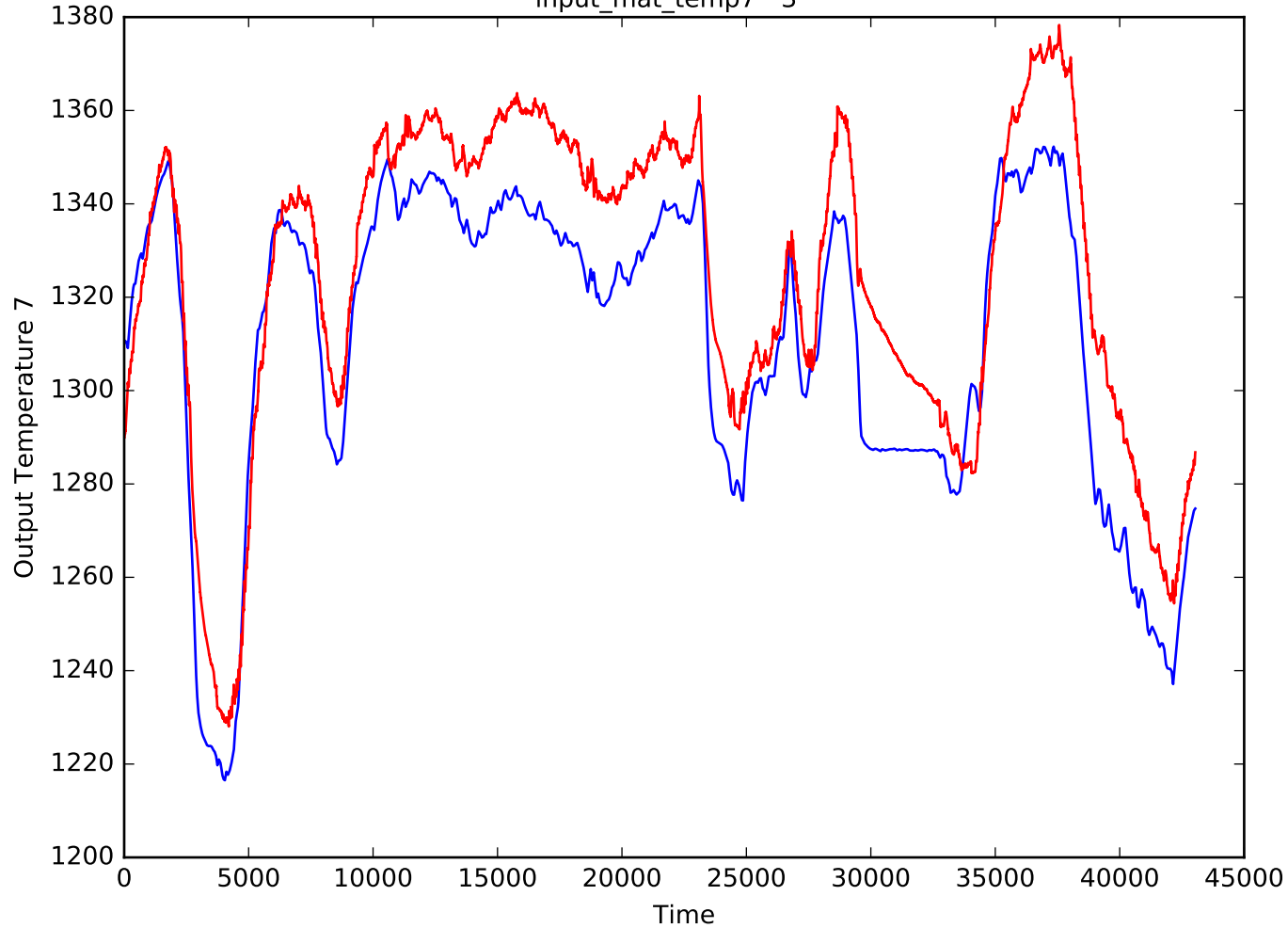


$$\text{output\_section\_temp6} \sim \text{input\_heat\_energy6} + \text{input\_wall\_temp6} + \text{input\_mat\_temp6} + \text{input\_wall\_temp6}^2 + \text{input\_heat\_energy6}^2 + \text{input\_mat\_temp6}^2 + \text{input\_wall\_temp6}^3 + \text{input\_heat\_energy6}^3 + \text{input\_mat\_temp6}^3$$



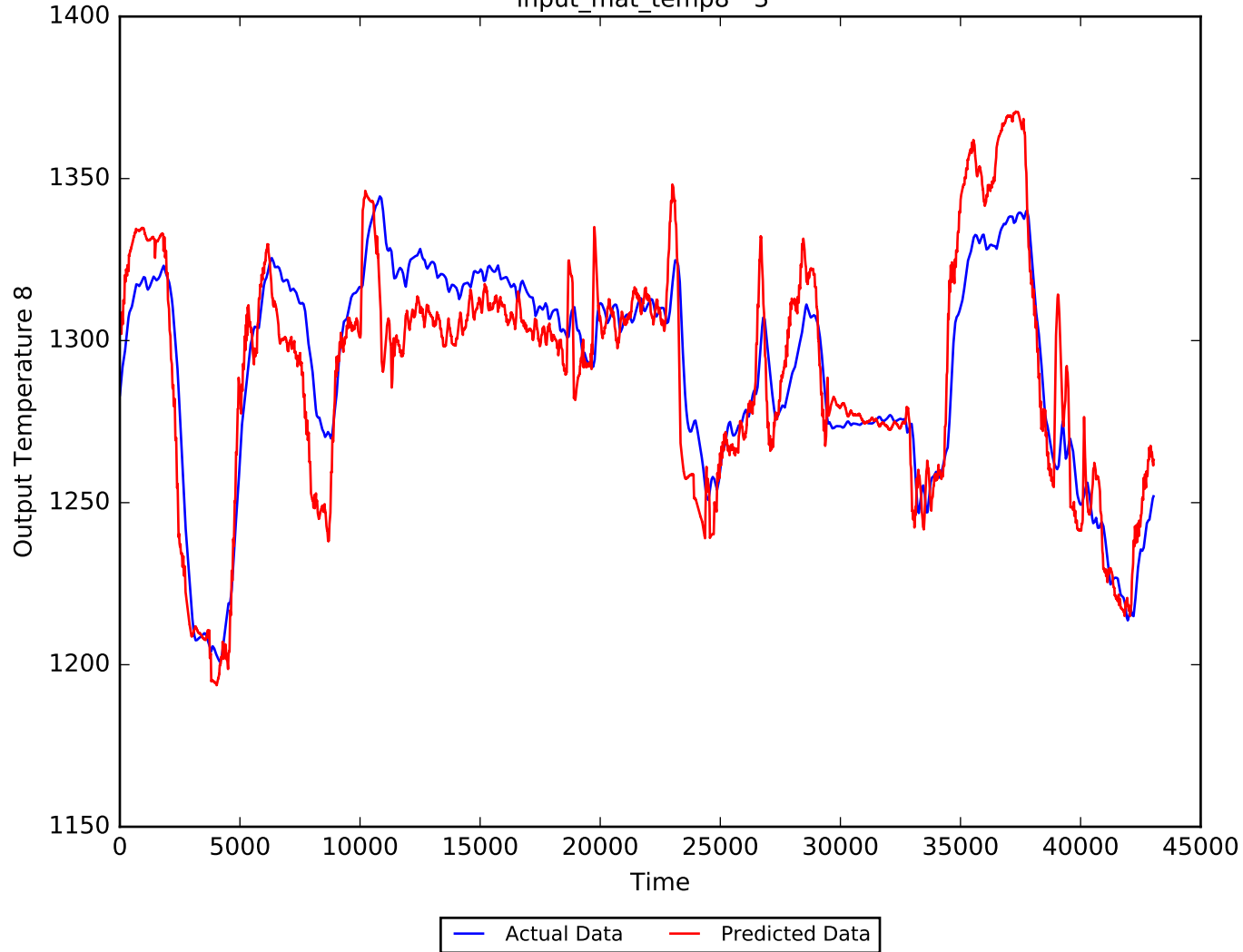
— Actual Data — Predicted Data

$$\text{output\_section\_temp7} \sim \text{input\_heat\_energy7} + \text{input\_wall\_temp7} + \text{input\_mat\_temp7} + \text{input\_wall\_temp7}^2 + \text{input\_heat\_energy7}^2 + \text{input\_mat\_temp7}^2 + \text{input\_wall\_temp7}^3 + \text{input\_heat\_energy7}^3 + \text{input\_mat\_temp7}^3$$



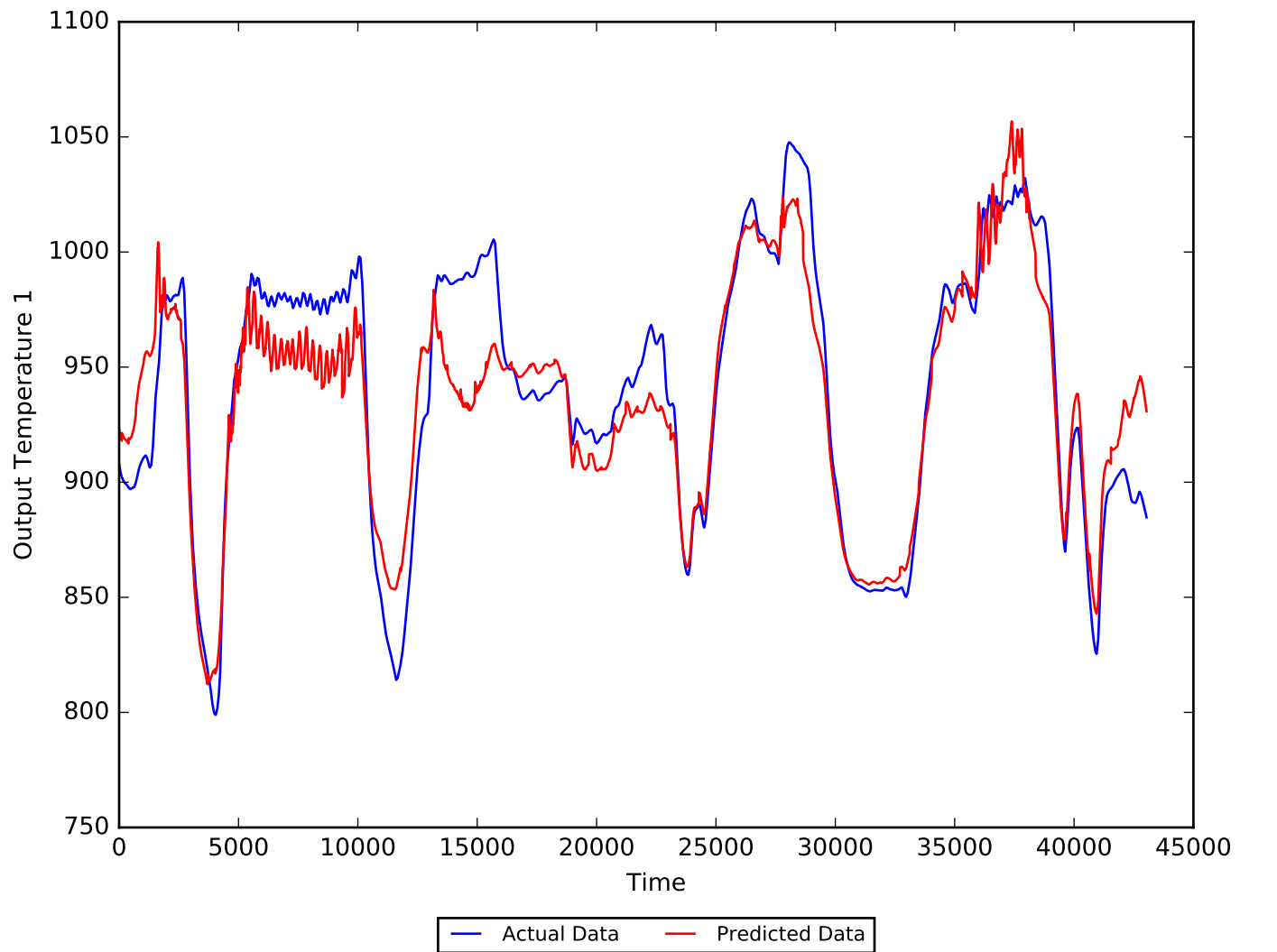
Actual Data Predicted Data

$$\text{output\_section\_temp8} \sim \text{input\_heat\_energy8} + \text{input\_wall\_temp8} + \text{input\_mat\_temp8} + \text{input\_wall\_temp8}^2 + \text{input\_heat\_energy8}^2 + \text{input\_mat\_temp8}^2 + \text{input\_wall\_temp8}^3 + \text{input\_heat\_energy8}^3 + \text{input\_mat\_temp8}^3$$

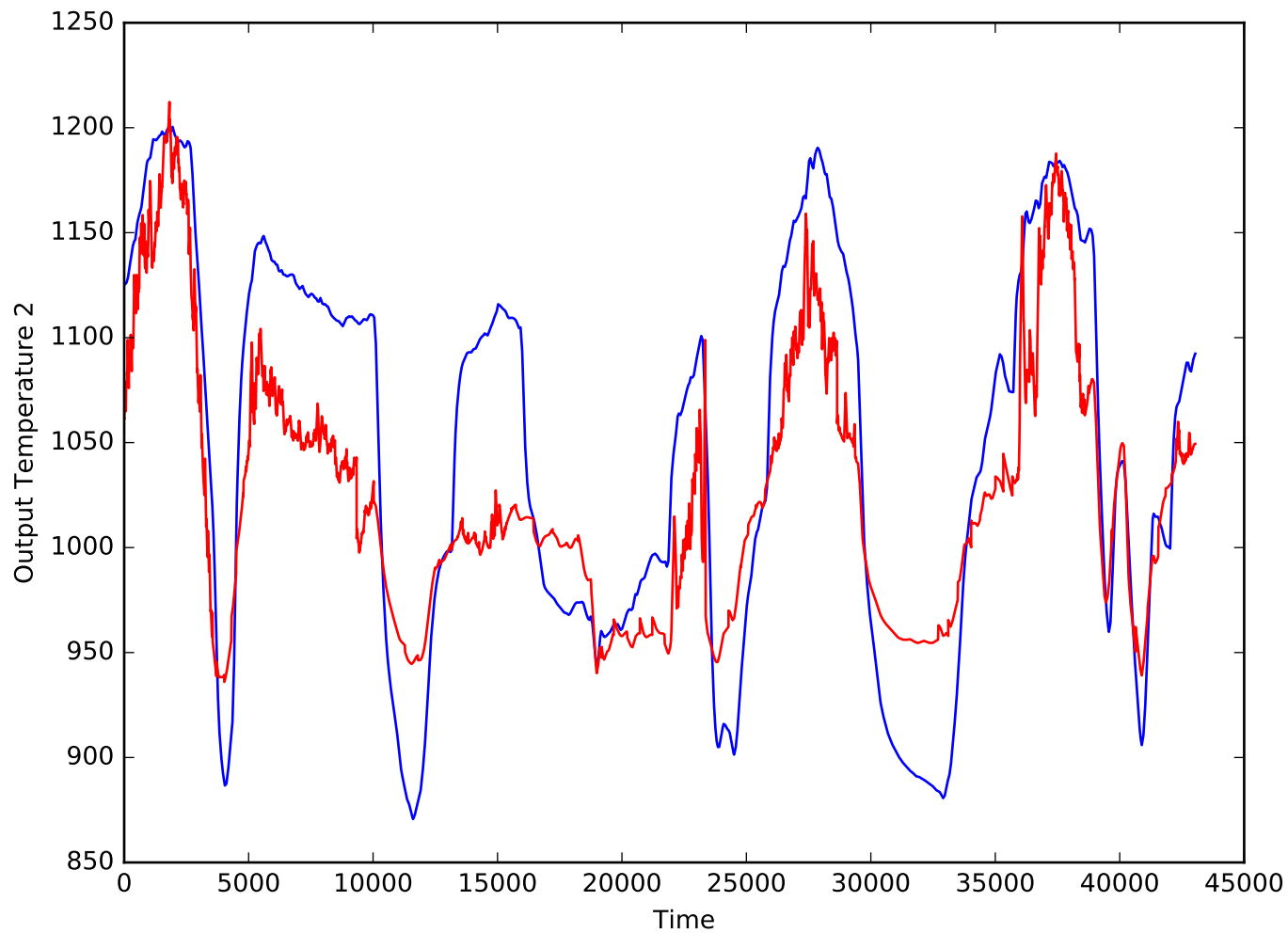




$$\text{output\_section\_temp1} \sim \text{input\_heat\_energy1} + \text{input\_wall\_temp1} + \text{input\_mat\_temp1} + \text{input\_wall\_temp1}^2 + \text{input\_heat\_energy1}^2 + \text{input\_mat\_temp1}^2$$

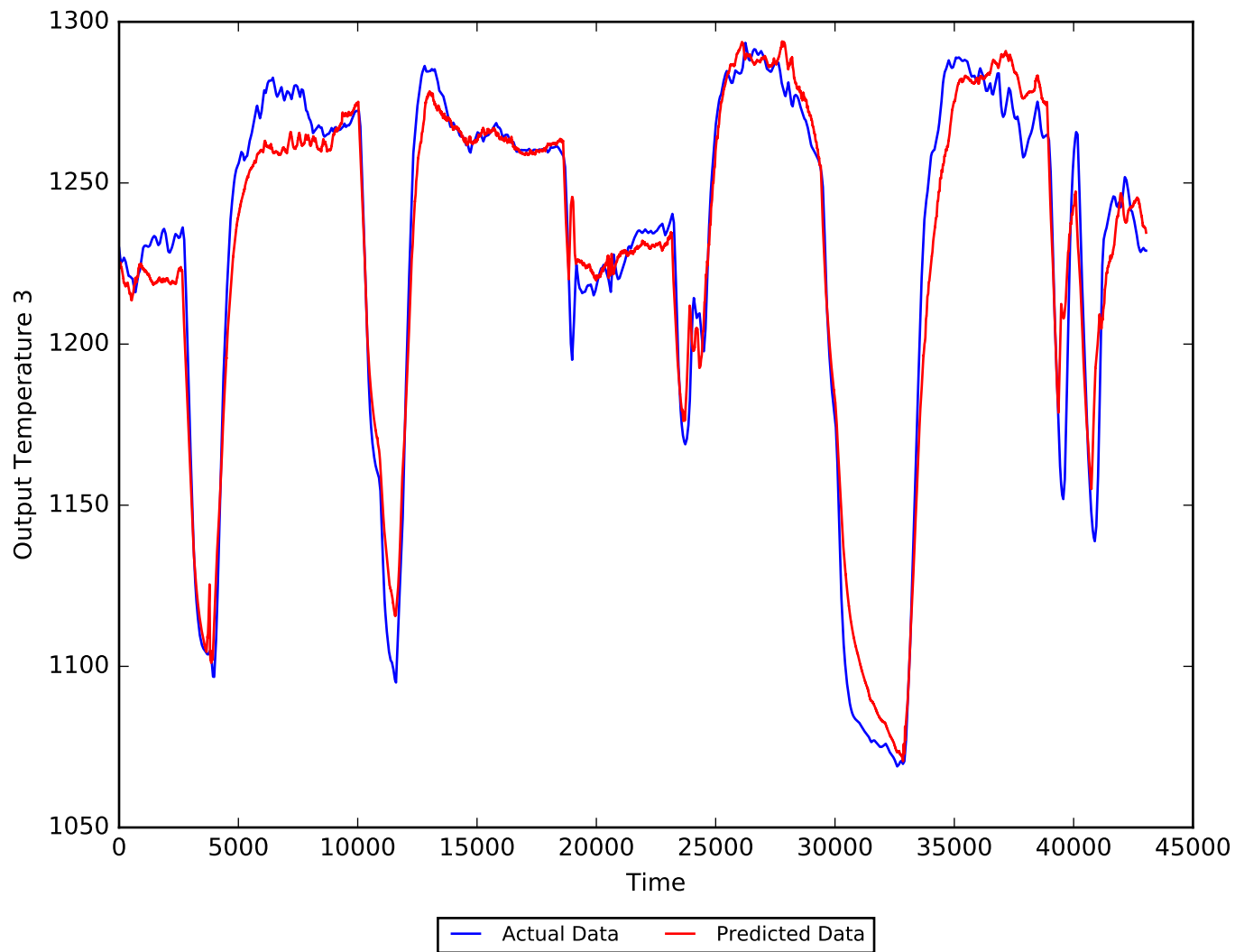


$$\text{output\_section\_temp2} \sim \text{input\_heat\_energy2} + \text{input\_wall\_temp2} + \text{input\_mat\_temp2} + \text{input\_wall\_temp2}^2 + \text{input\_heat\_energy2}^2 + \text{input\_mat\_temp2}^2$$

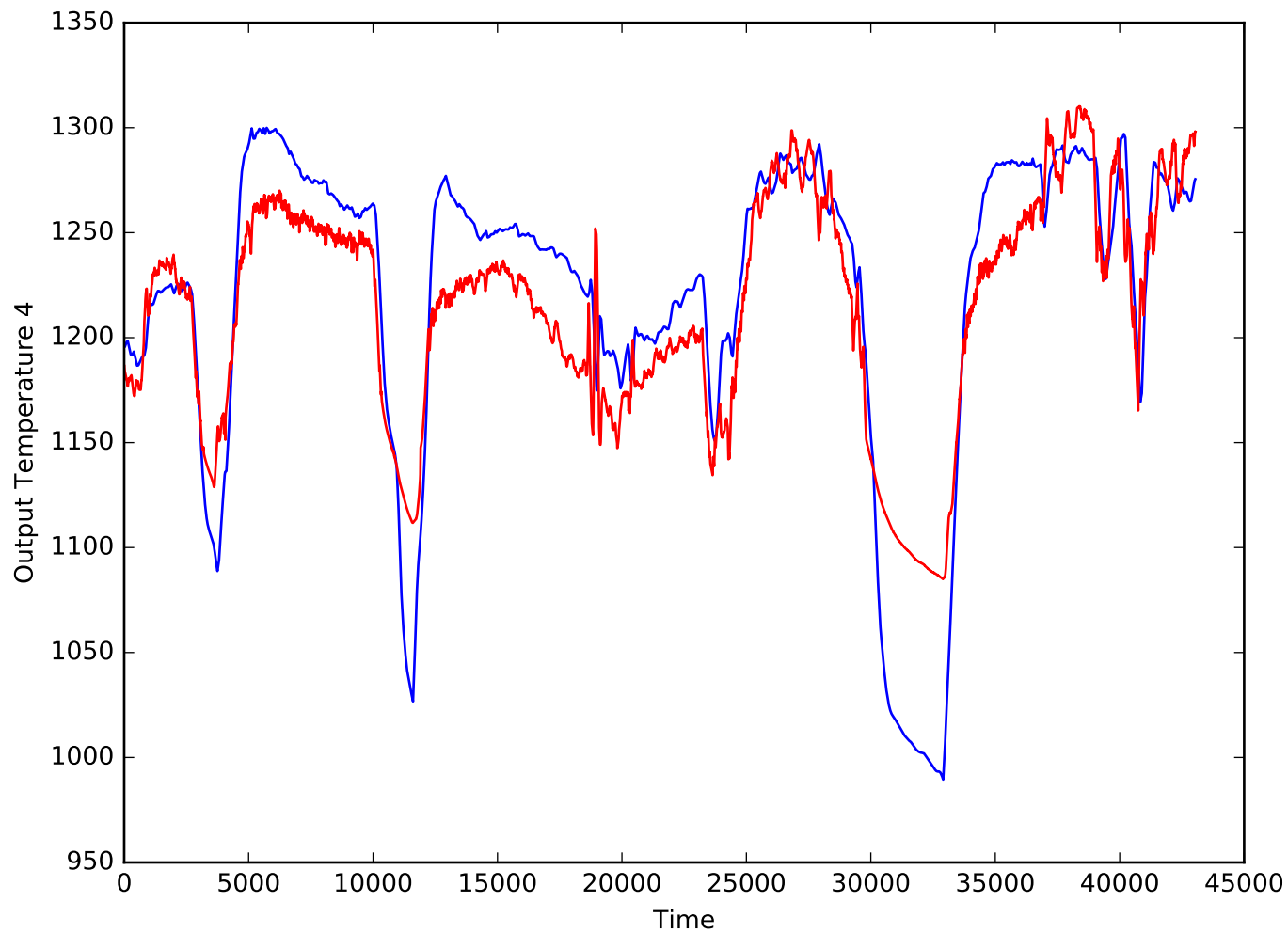


— Actual Data — Predicted Data

$$\text{output\_section\_temp3} \sim \text{input\_heat\_energy3} + \text{input\_wall\_temp3} + \text{input\_mat\_temp3} + \text{input\_wall\_temp3}^2 + \text{input\_heat\_energy3}^2 + \text{input\_mat\_temp3}^2$$

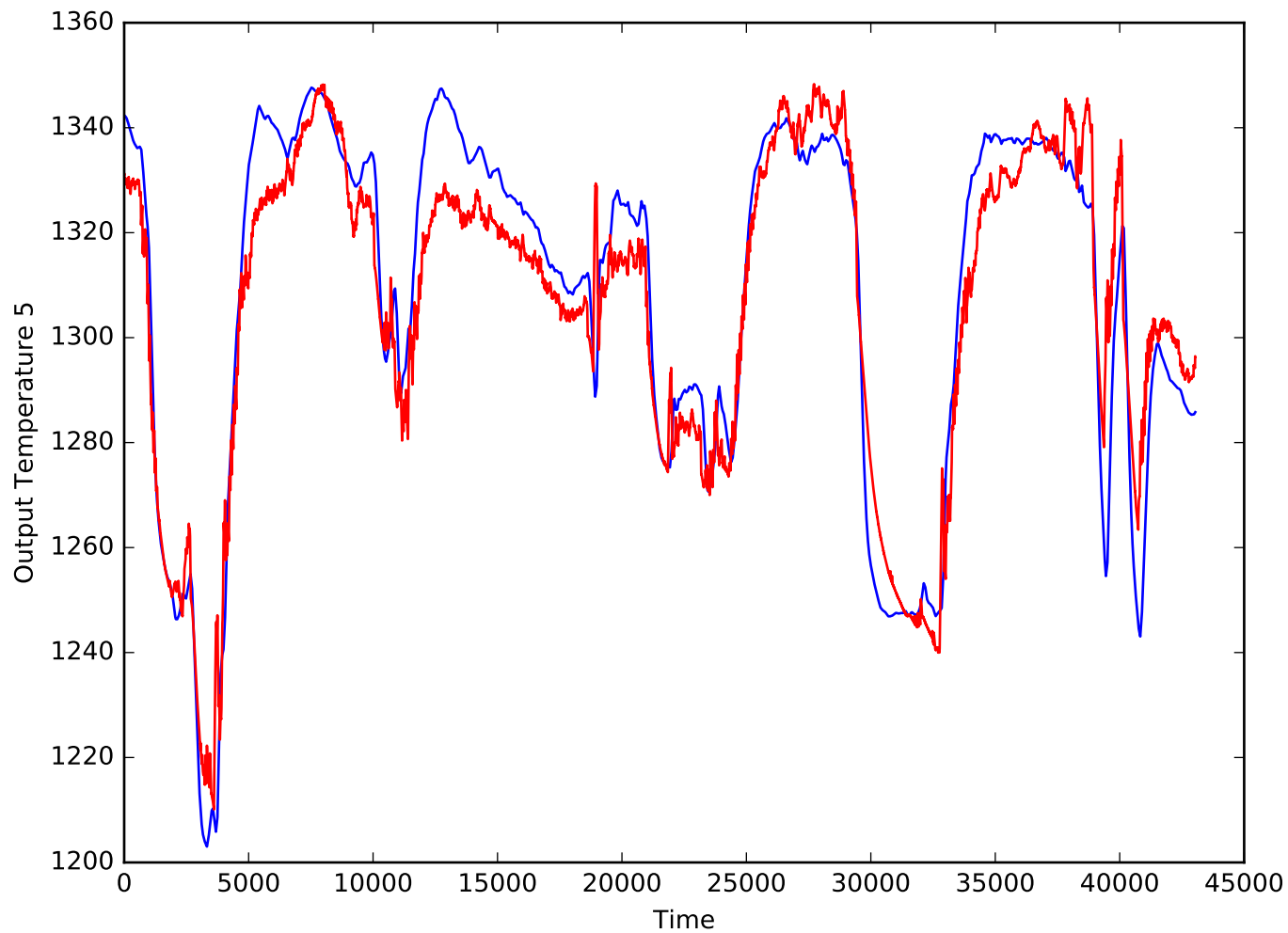


$$\text{output\_section\_temp4} \sim \text{input\_heat\_energy4} + \text{input\_wall\_temp4} + \text{input\_mat\_temp4} + \text{input\_wall\_temp4}^2 + \text{input\_heat\_energy4}^2 + \text{input\_mat\_temp4}^2$$



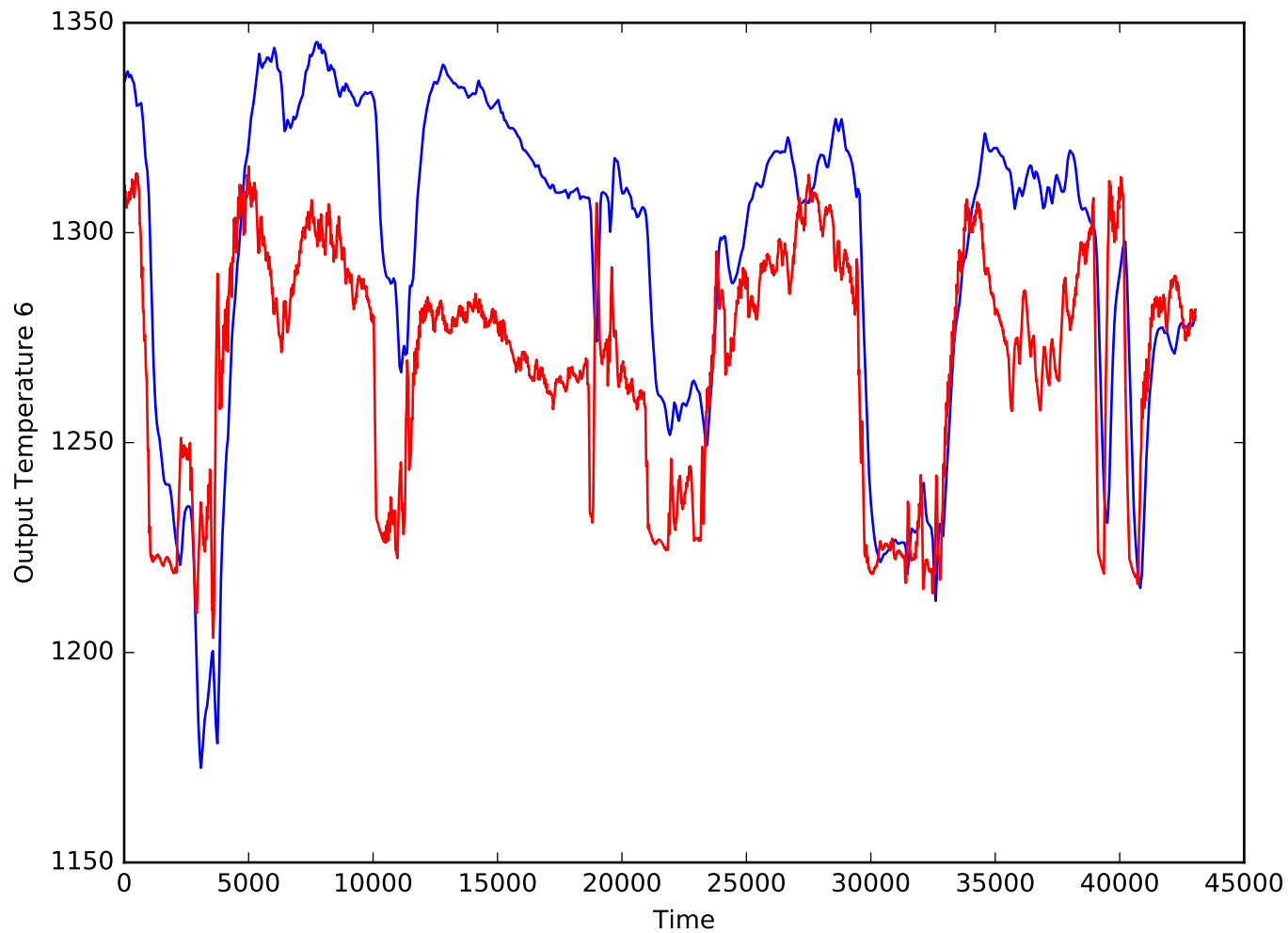
— Actual Data — Predicted Data

$$\text{output\_section\_temp5} \sim \text{input\_heat\_energy5} + \text{input\_wall\_temp5} + \text{input\_mat\_temp5} + \text{input\_wall\_temp5}^2 + \text{input\_heat\_energy5}^2 + \text{input\_mat\_temp5}^2$$



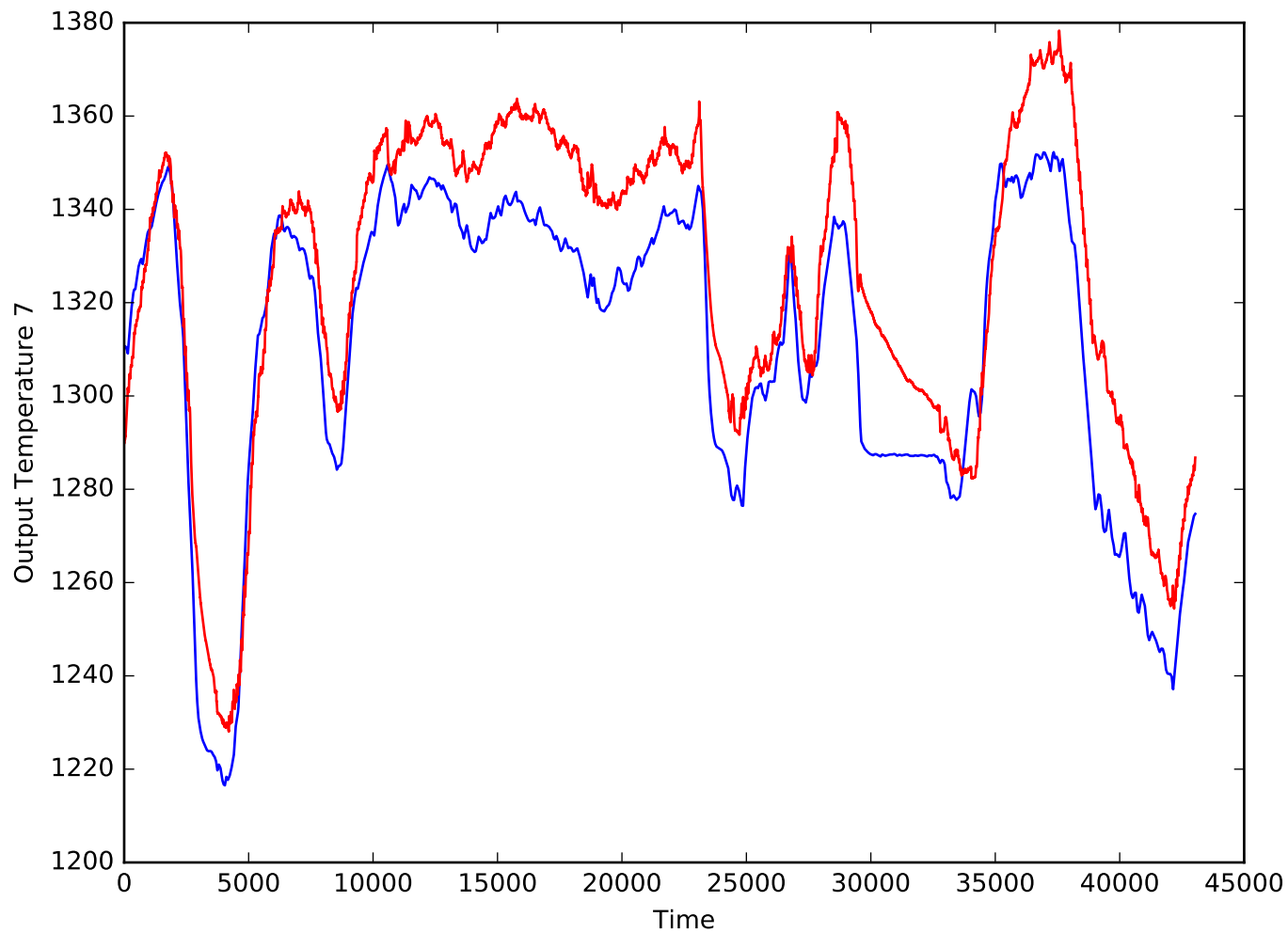
— Actual Data — Predicted Data

$$\text{output\_section\_temp6} \sim \text{input\_heat\_energy6} + \text{input\_wall\_temp6} + \text{input\_mat\_temp6} + \text{input\_wall\_temp6}^2 + \text{input\_heat\_energy6}^2 + \text{input\_mat\_temp6}^2$$



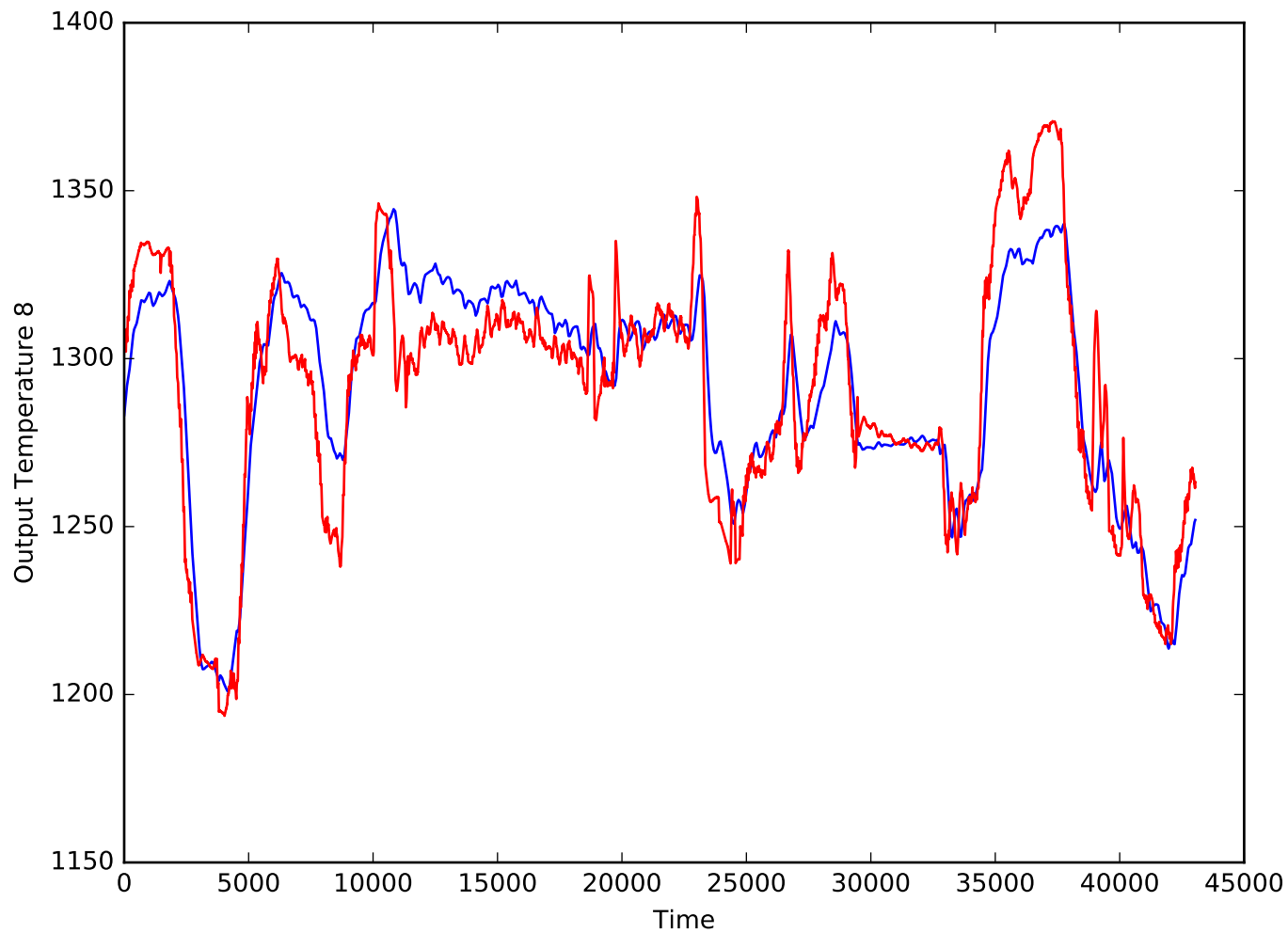
— Actual Data — Predicted Data

$$\text{output\_section\_temp7} \sim \text{input\_heat\_energy7} + \text{input\_wall\_temp7} + \text{input\_mat\_temp7} + \text{input\_wall\_temp7}^2 + \text{input\_heat\_energy7}^2 + \text{input\_mat\_temp7}^2$$



Actual Data Predicted Data

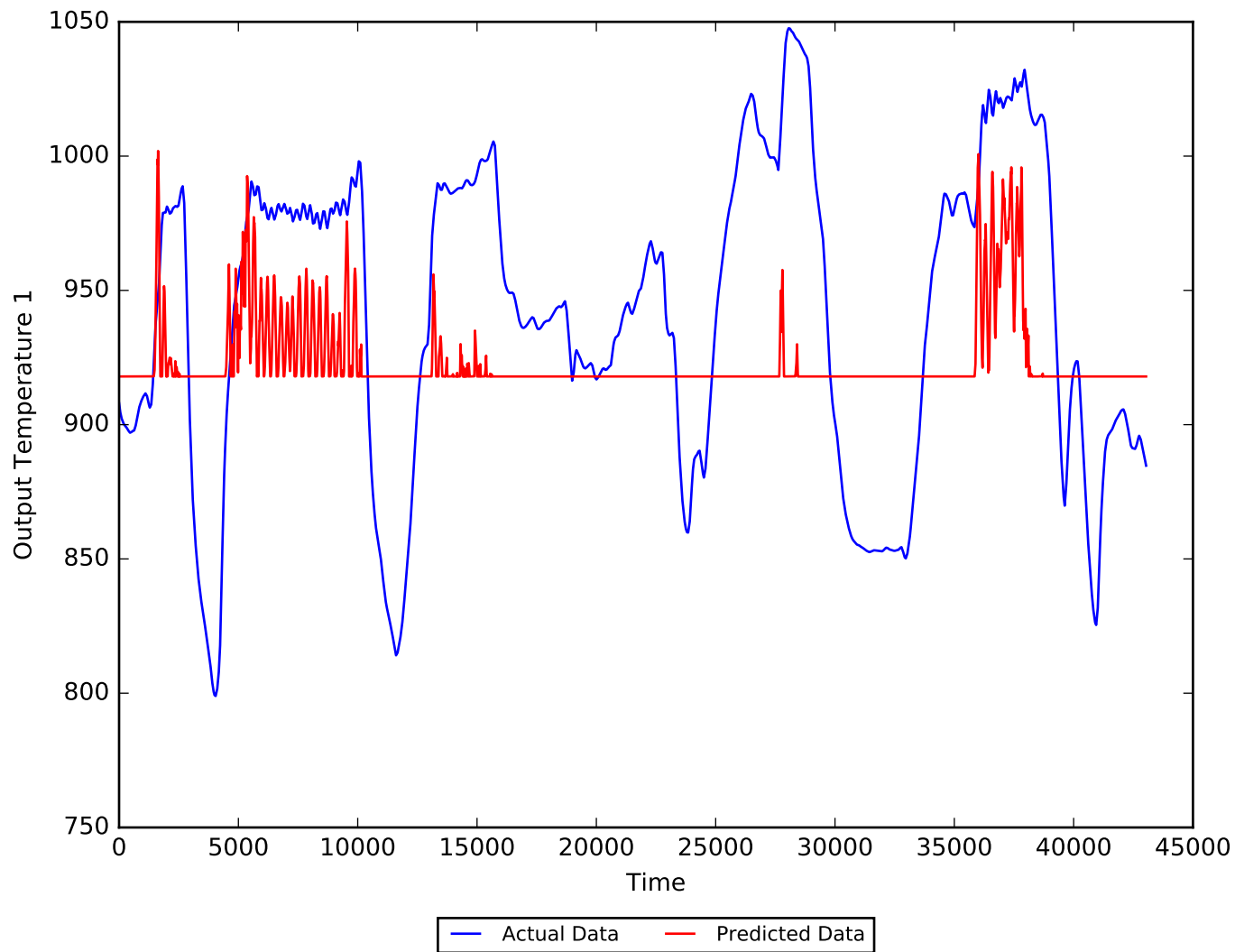
$$\text{output\_section\_temp8} \sim \text{input\_heat\_energy8} + \text{input\_wall\_temp8} + \text{input\_mat\_temp8} + \text{input\_wall\_temp8}^2 + \text{input\_heat\_energy8}^2 + \text{input\_mat\_temp8}^2$$



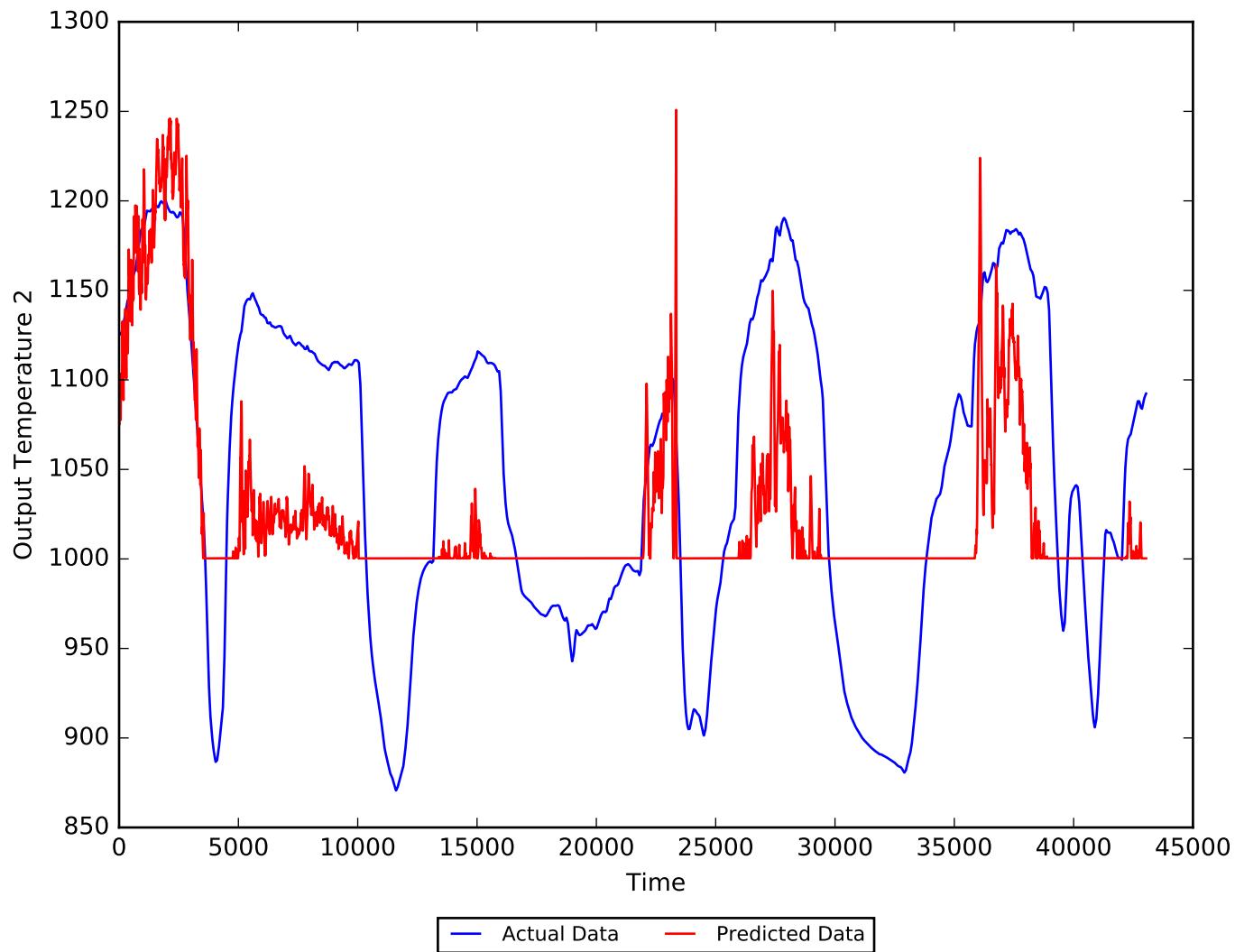
Actual Data Predicted Data



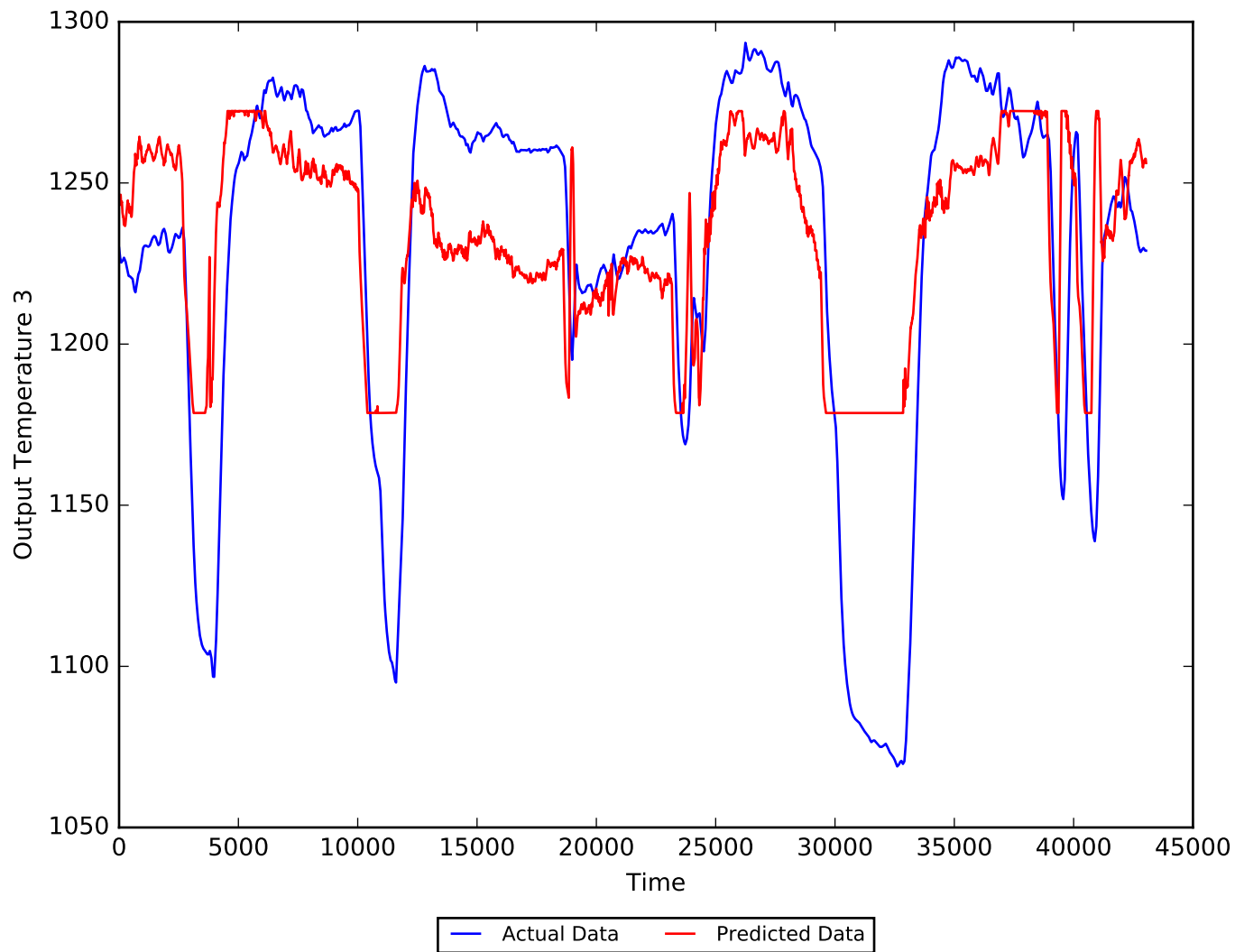
$$\text{output\_section\_temp1} \sim \text{input\_heat\_energy1} + \text{input\_heat\_energy1}^{**2} + \text{input\_heat\_energy1}^{**3}$$



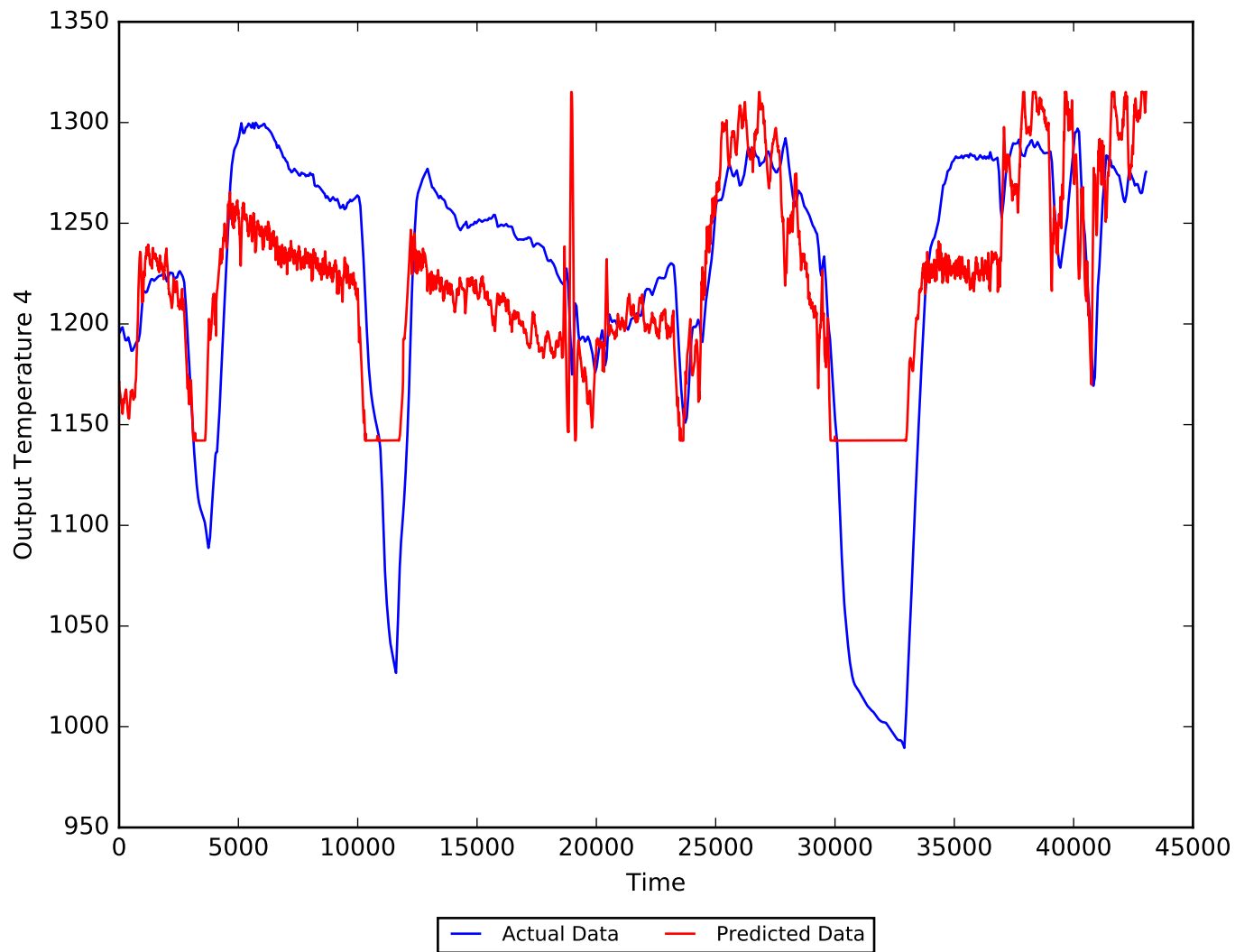
$$\text{output\_section\_temp2} \sim \text{input\_heat\_energy2} + \text{input\_heat\_energy2}^2 + \text{input\_heat\_energy2}^3$$



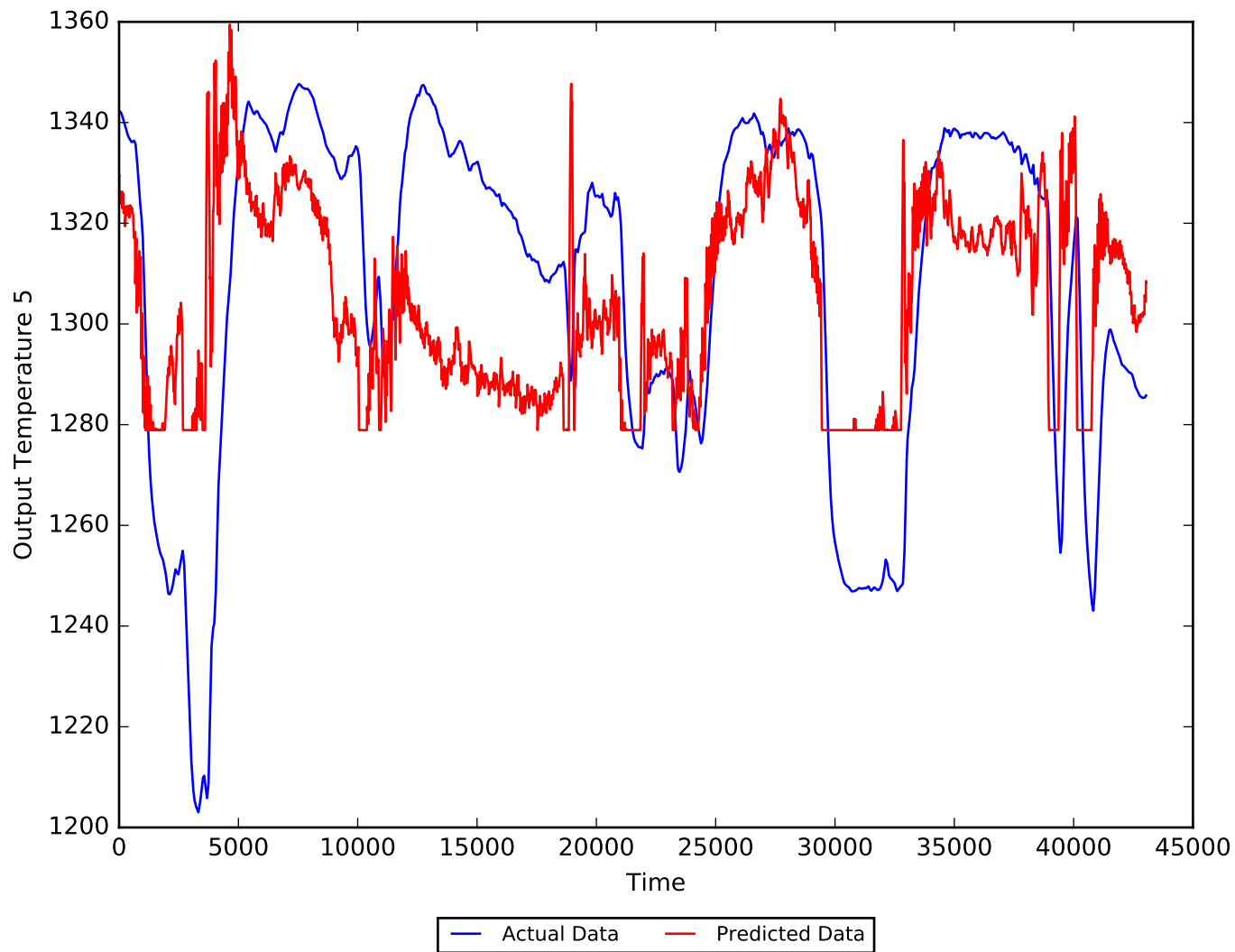
$$\text{output\_section\_temp3} \sim \text{input\_heat\_energy3} + \text{input\_heat\_energy3}^2 + \text{input\_heat\_energy3}^3$$



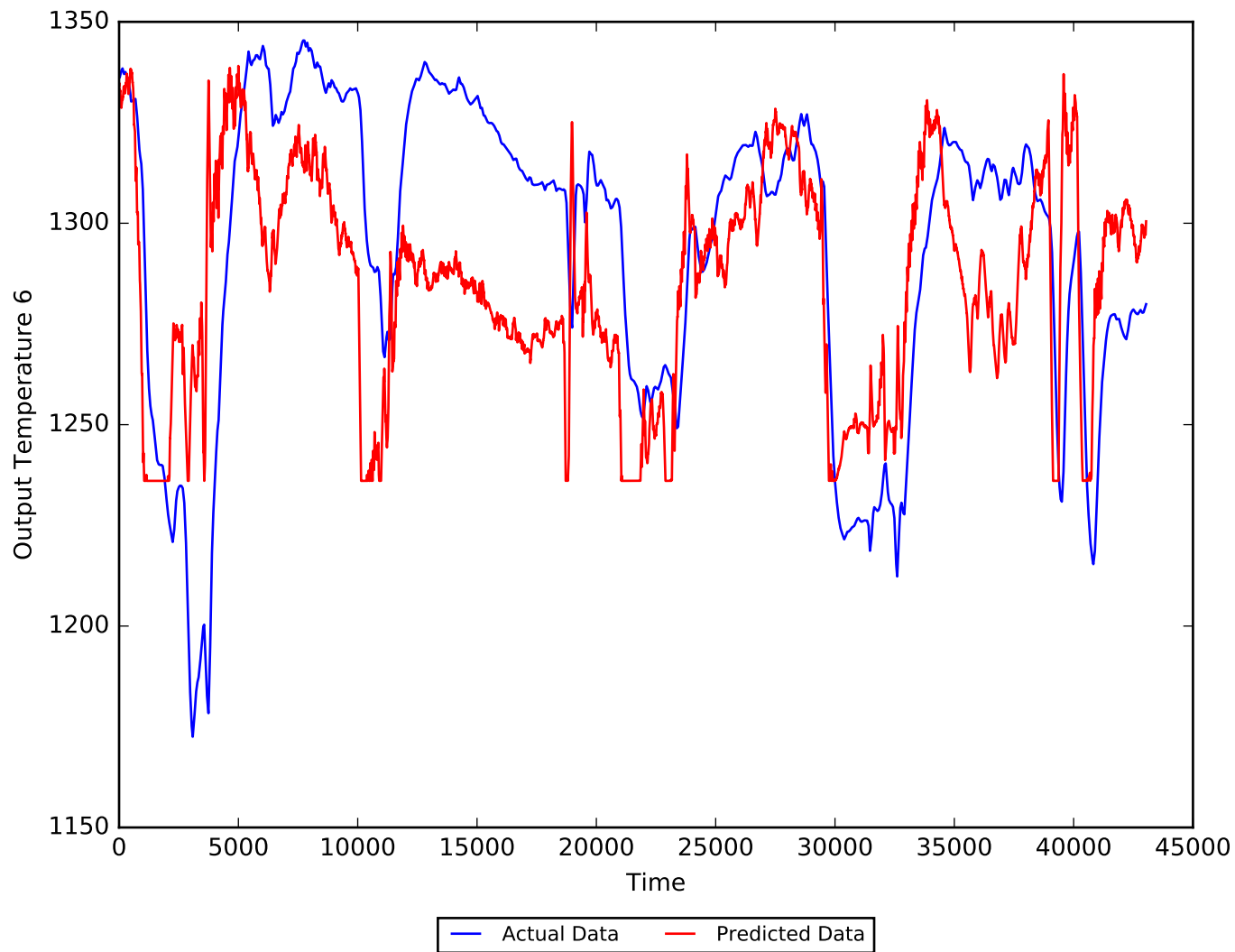
$$\text{output\_section\_temp4} \sim \text{input\_heat\_energy4} + \text{input\_heat\_energy4}^2 + \text{input\_heat\_energy4}^3$$



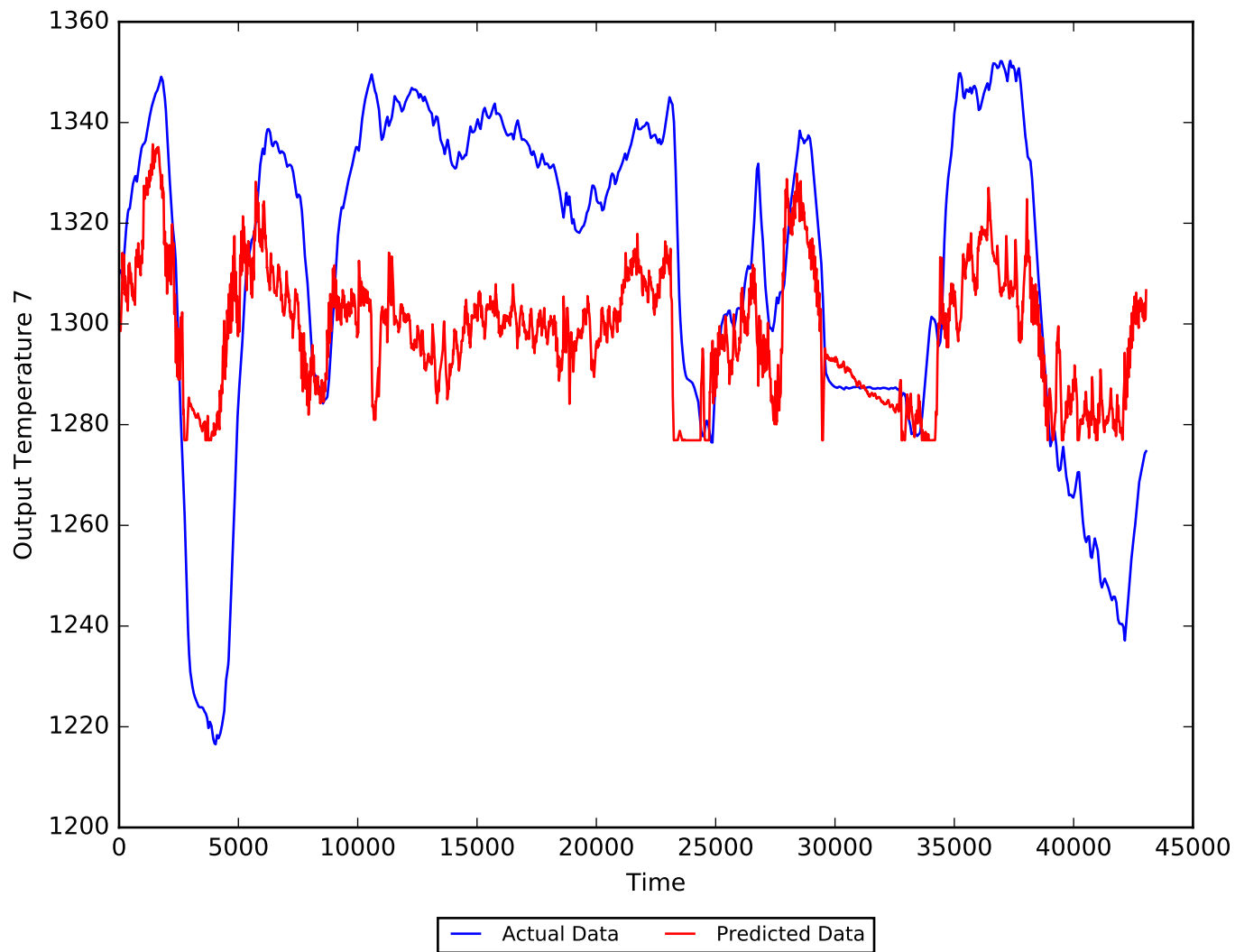
$$\text{output\_section\_temp5} \sim \text{input\_heat\_energy5} + \text{input\_heat\_energy5}^2 + \text{input\_heat\_energy5}^3$$



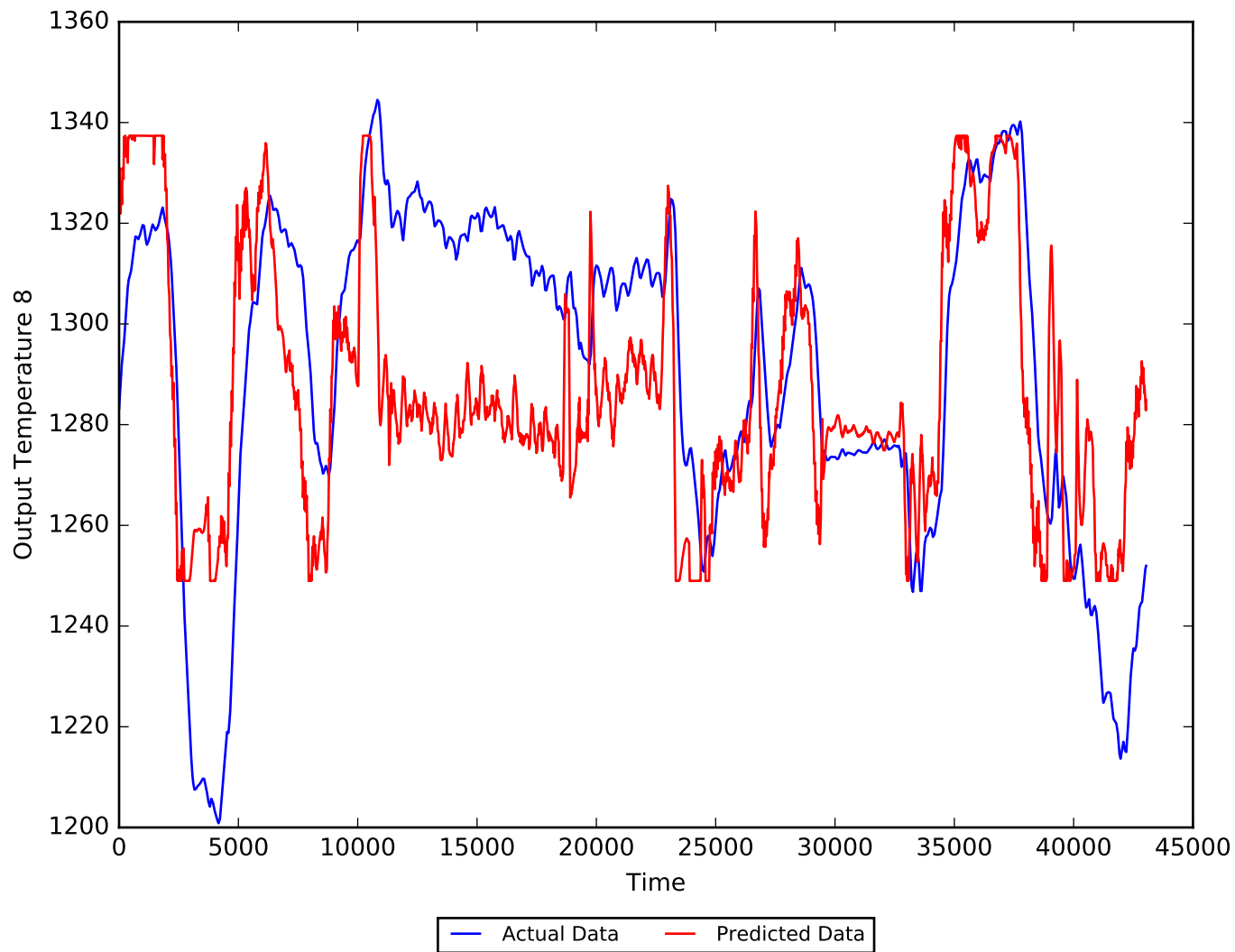
$$\text{output\_section\_temp6} \sim \text{input\_heat\_energy6} + \text{input\_heat\_energy6}^{**2} + \text{input\_heat\_energy6}^{**3}$$



$$\text{output\_section\_temp7} \sim \text{input\_heat\_energy7} + \text{input\_heat\_energy7}^{**2} + \text{input\_heat\_energy7}^{**3}$$

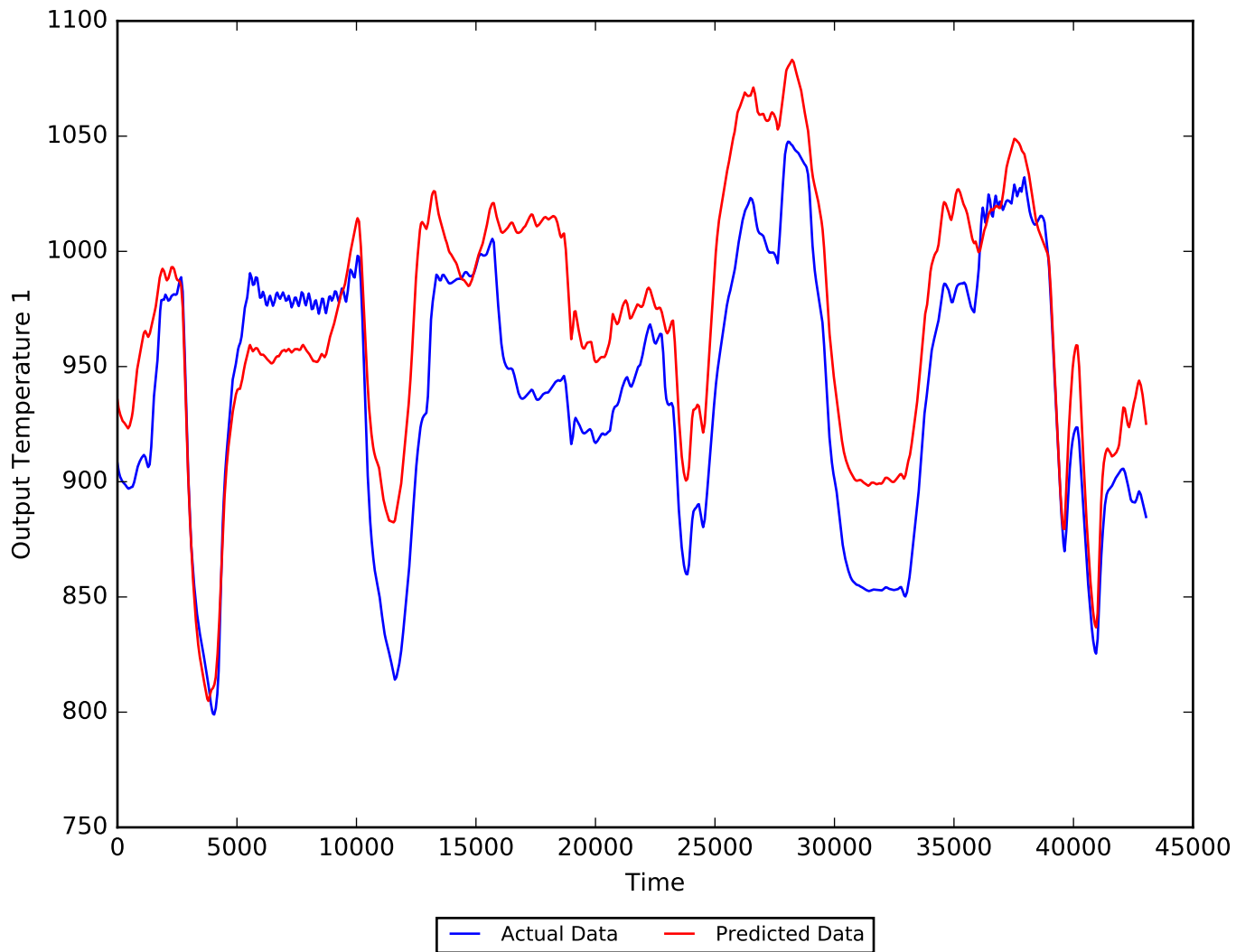


$$\text{output\_section\_temp8} \sim \text{input\_heat\_energy8} + \text{input\_heat\_energy8}^{**2} + \text{input\_heat\_energy8}^{**3}$$

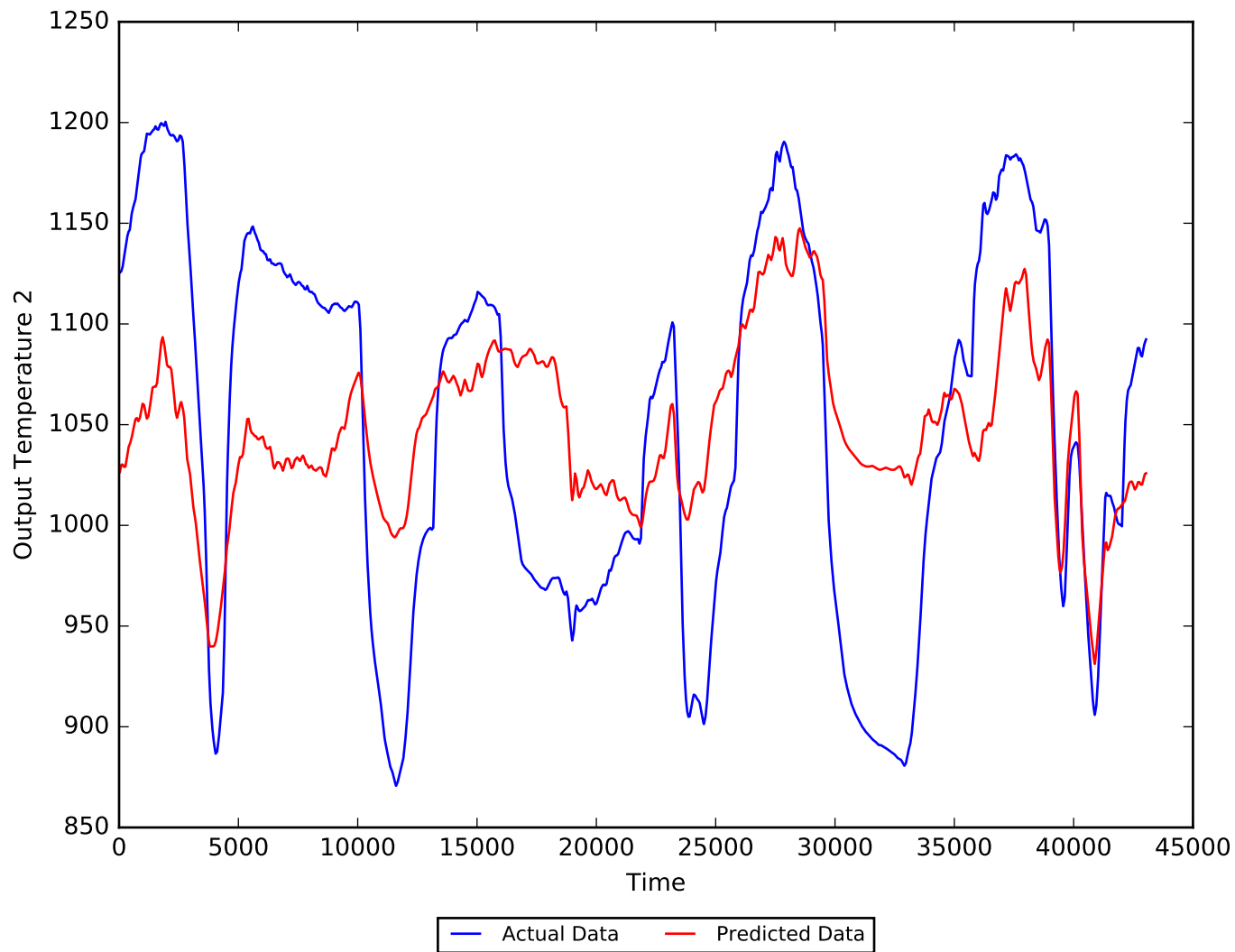




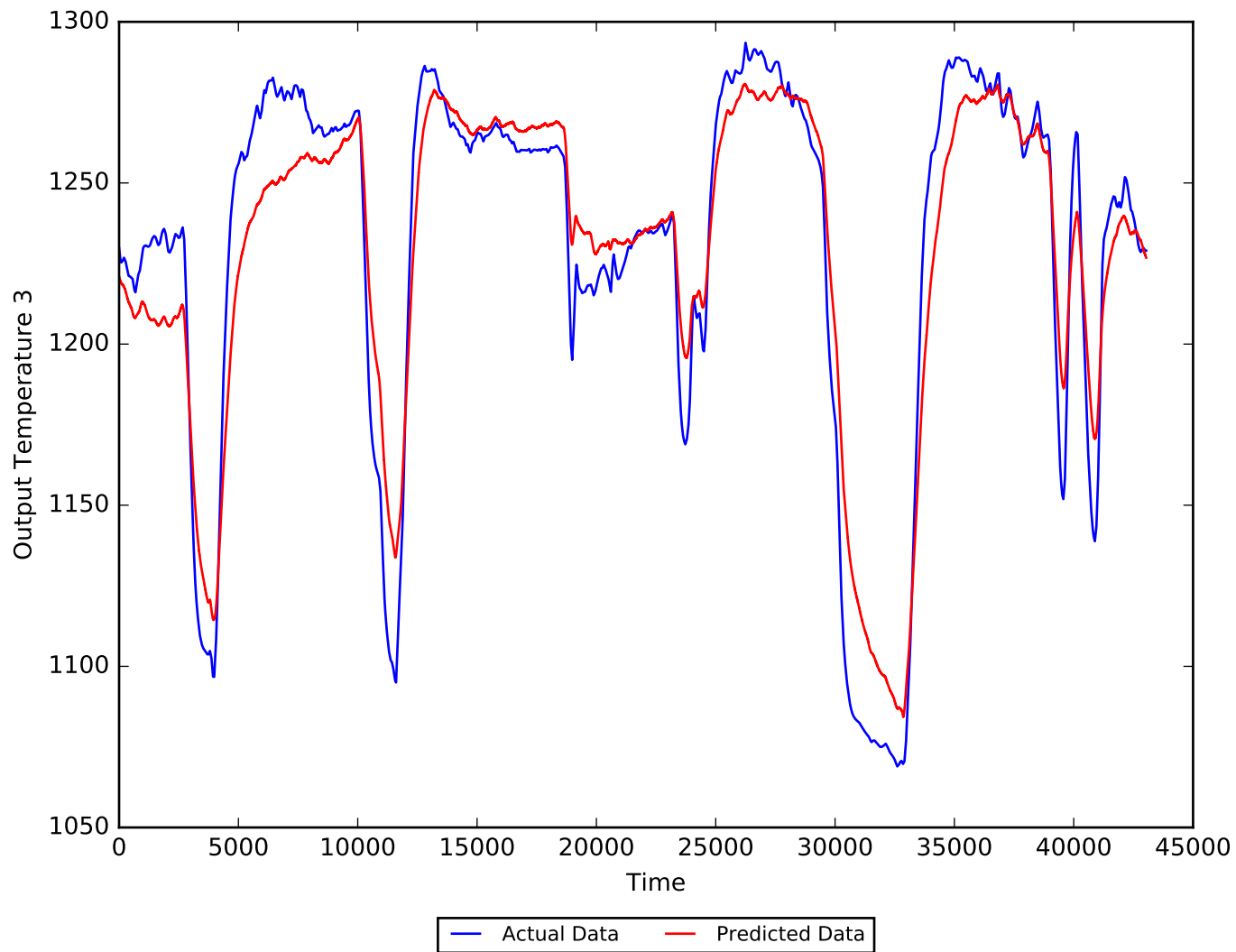
$$\text{output\_section\_temp1} \sim \text{input\_wall\_temp1} + \text{input\_wall\_temp1}^2 + \text{input\_wall\_temp1}^3$$



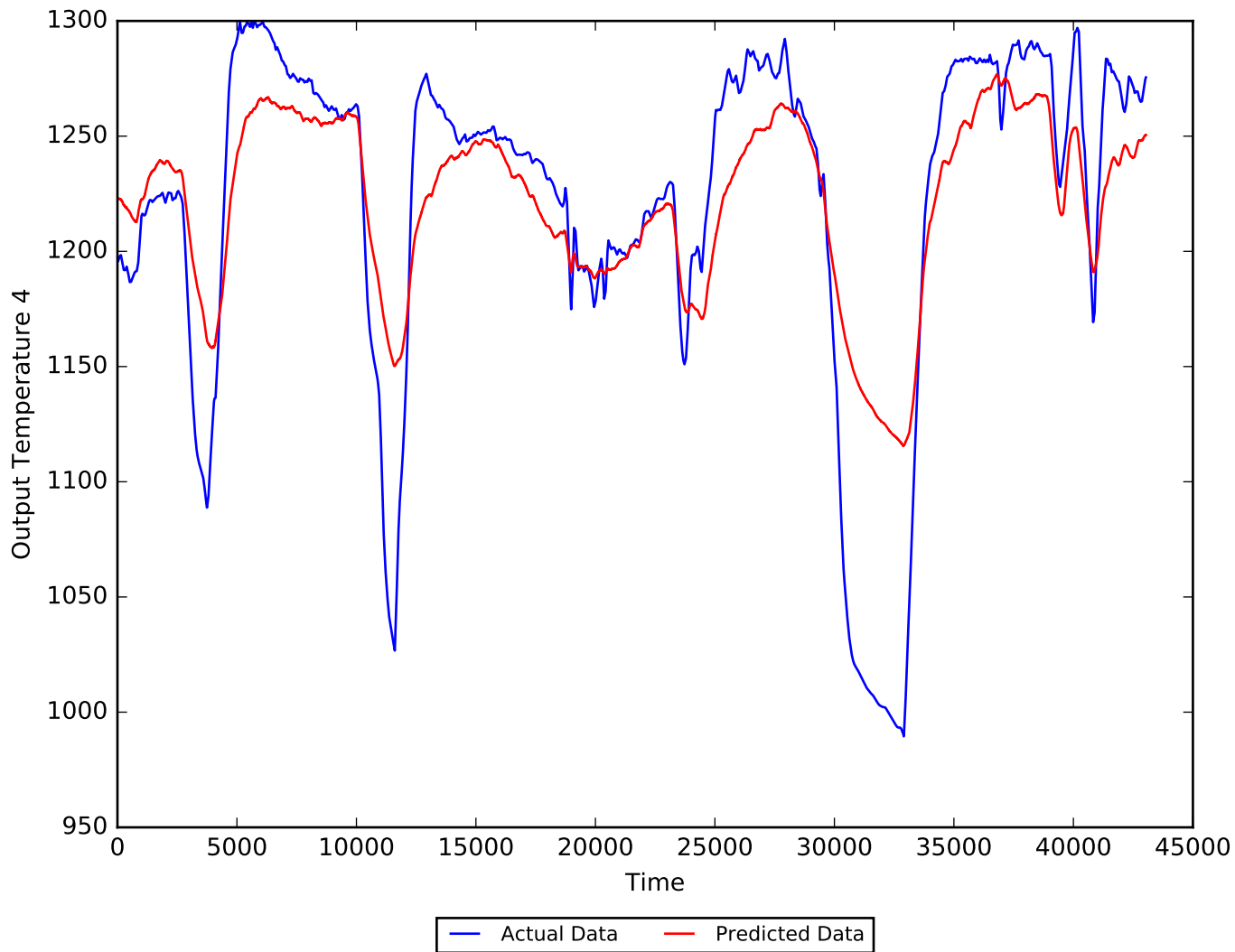
$$\text{output\_section\_temp2} \sim \text{input\_wall\_temp2} + \text{input\_wall\_temp2}^2 + \text{input\_wall\_temp2}^3$$



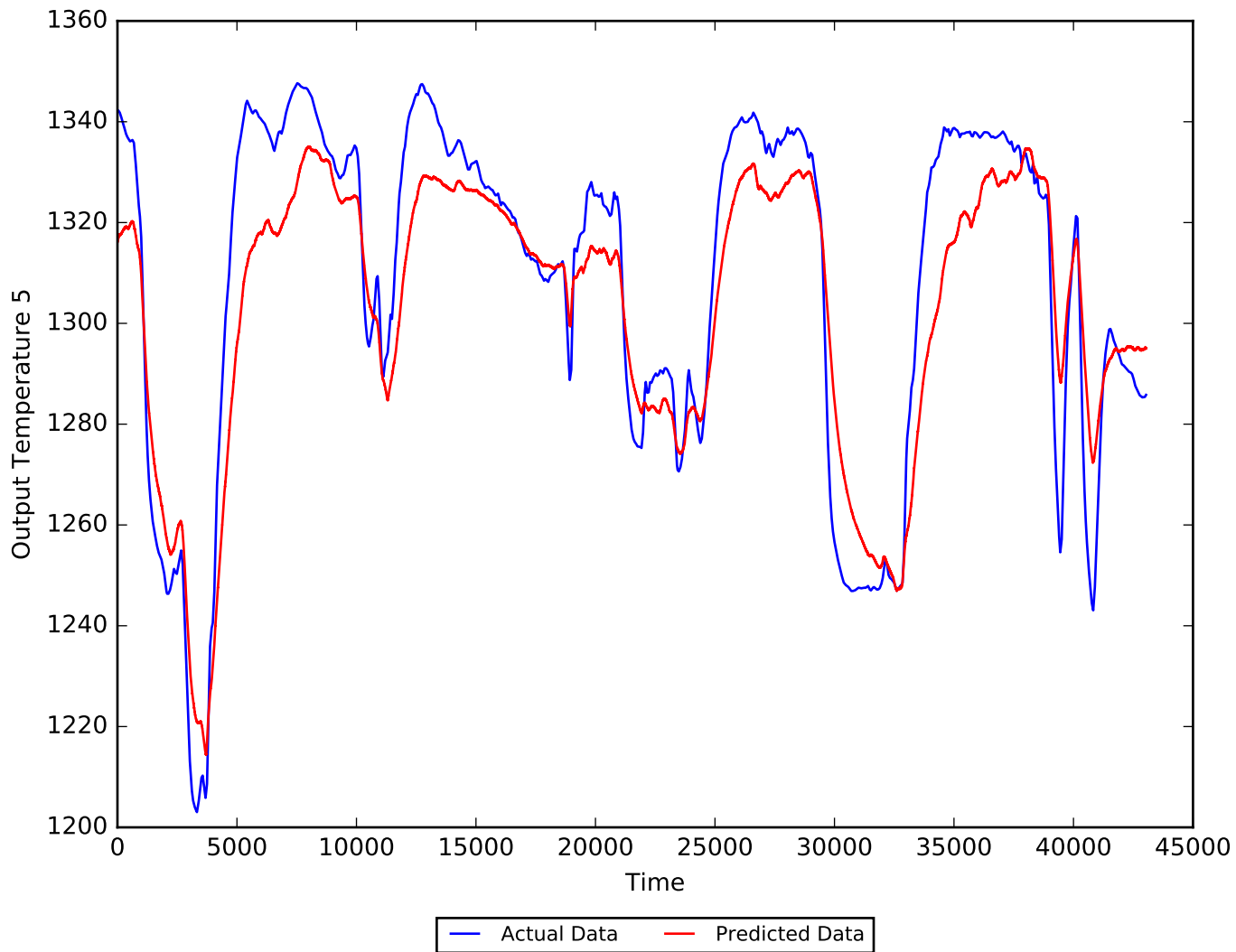
$$\text{output\_section\_temp3} \sim \text{input\_wall\_temp3} + \text{input\_wall\_temp3}^2 + \text{input\_wall\_temp3}^3$$



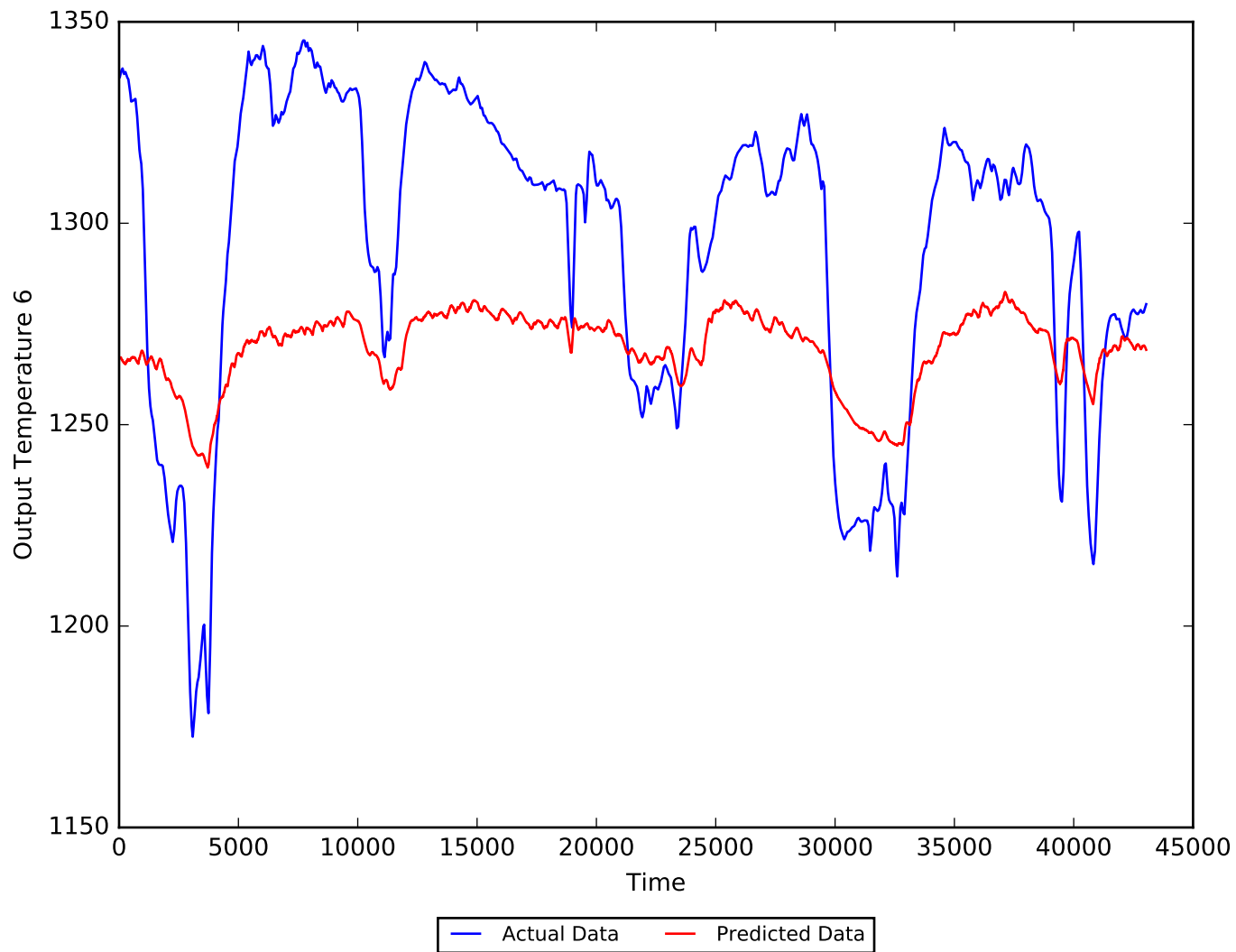
$$\text{output\_section\_temp4} \sim \text{input\_wall\_temp4} + \text{input\_wall\_temp4}^{**2} + \text{input\_wall\_temp4}^{**3}$$



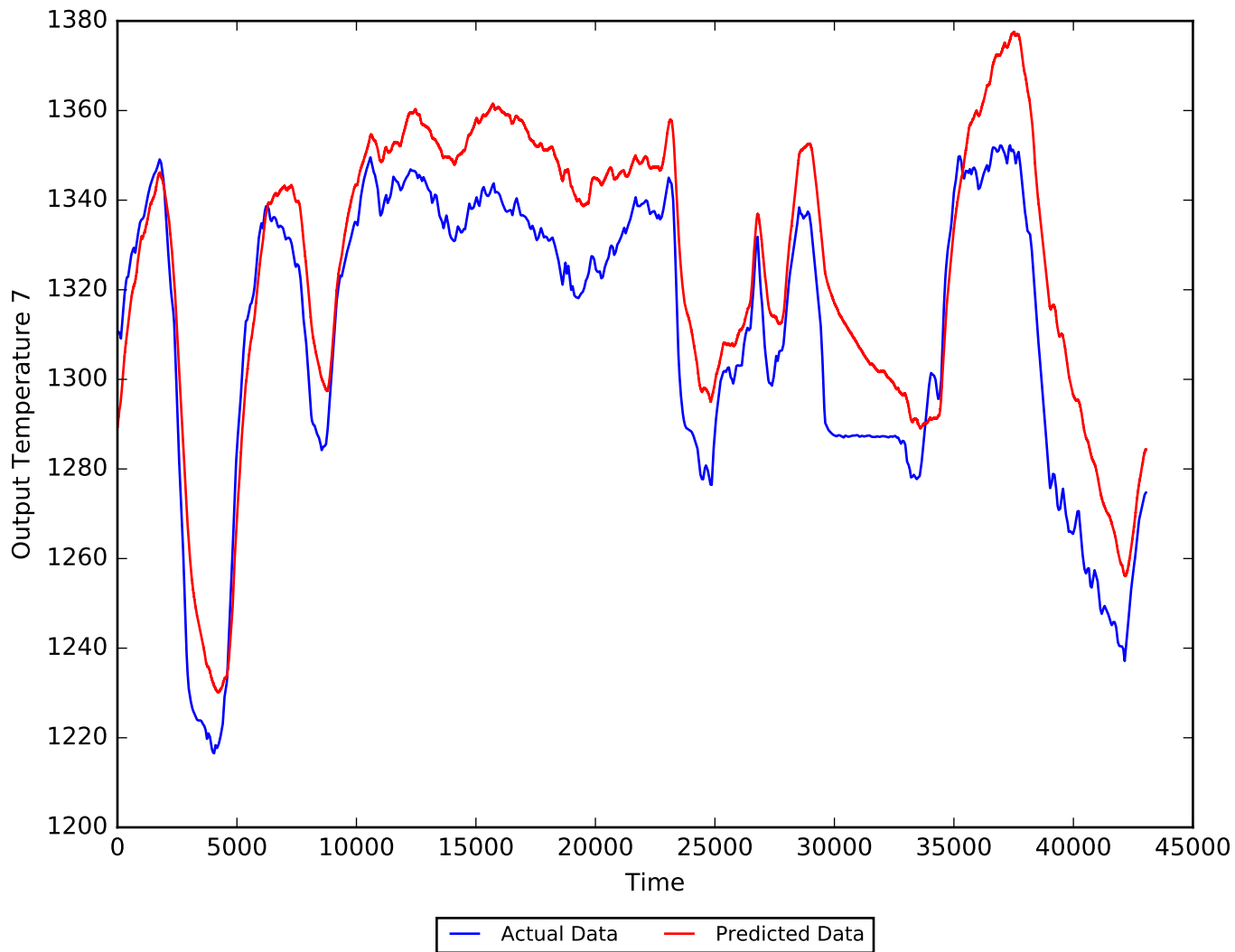
$$\text{output\_section\_temp5} \sim \text{input\_wall\_temp5} + \text{input\_wall\_temp5}^2 + \text{input\_wall\_temp5}^3$$



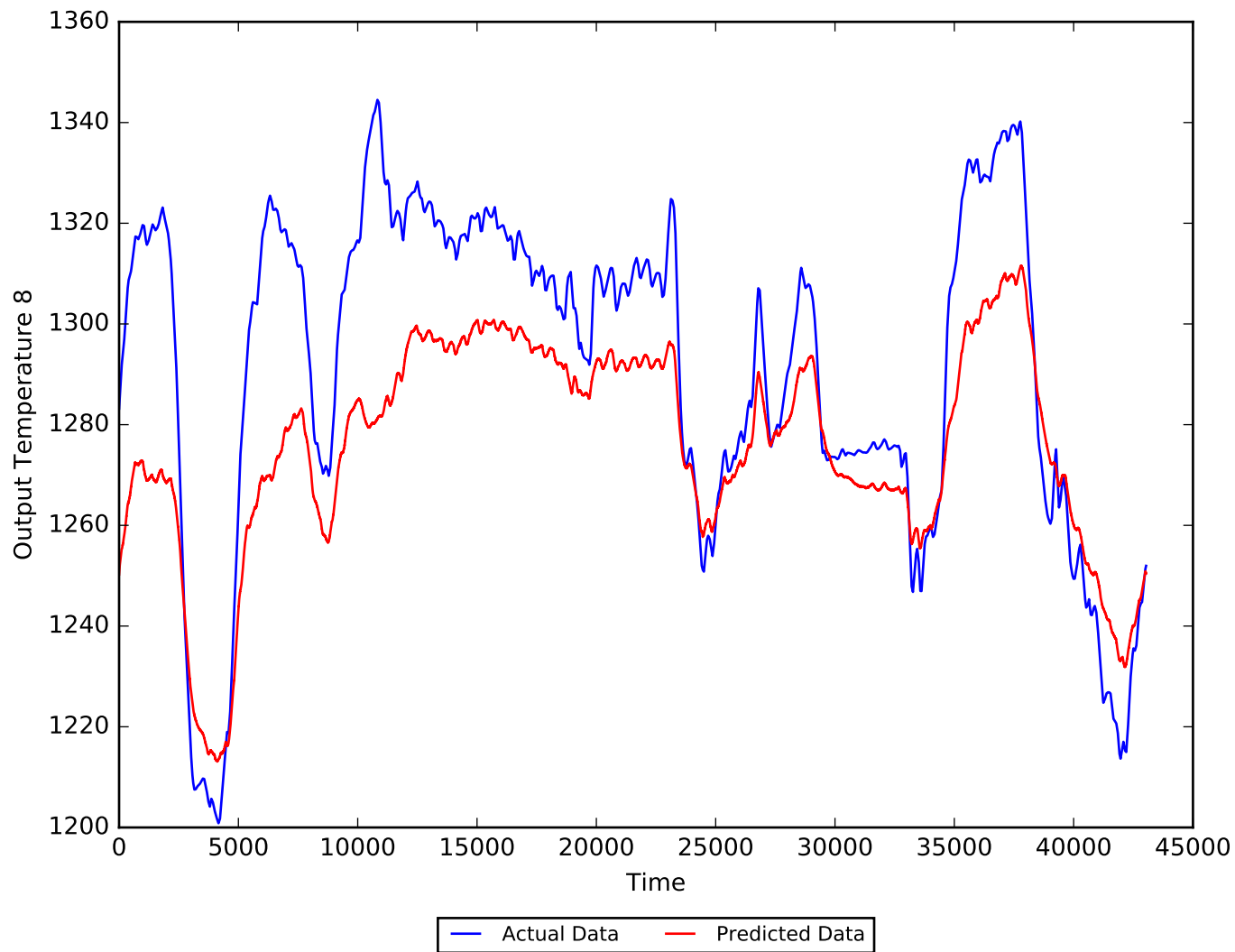
$$\text{output\_section\_temp6} \sim \text{input\_wall\_temp6} + \text{input\_wall\_temp6}^{**2} + \text{input\_wall\_temp6}^{**3}$$



$$\text{output\_section\_temp7} \sim \text{input\_wall\_temp7} + \text{input\_wall\_temp7}^2 + \text{input\_wall\_temp7}^3$$

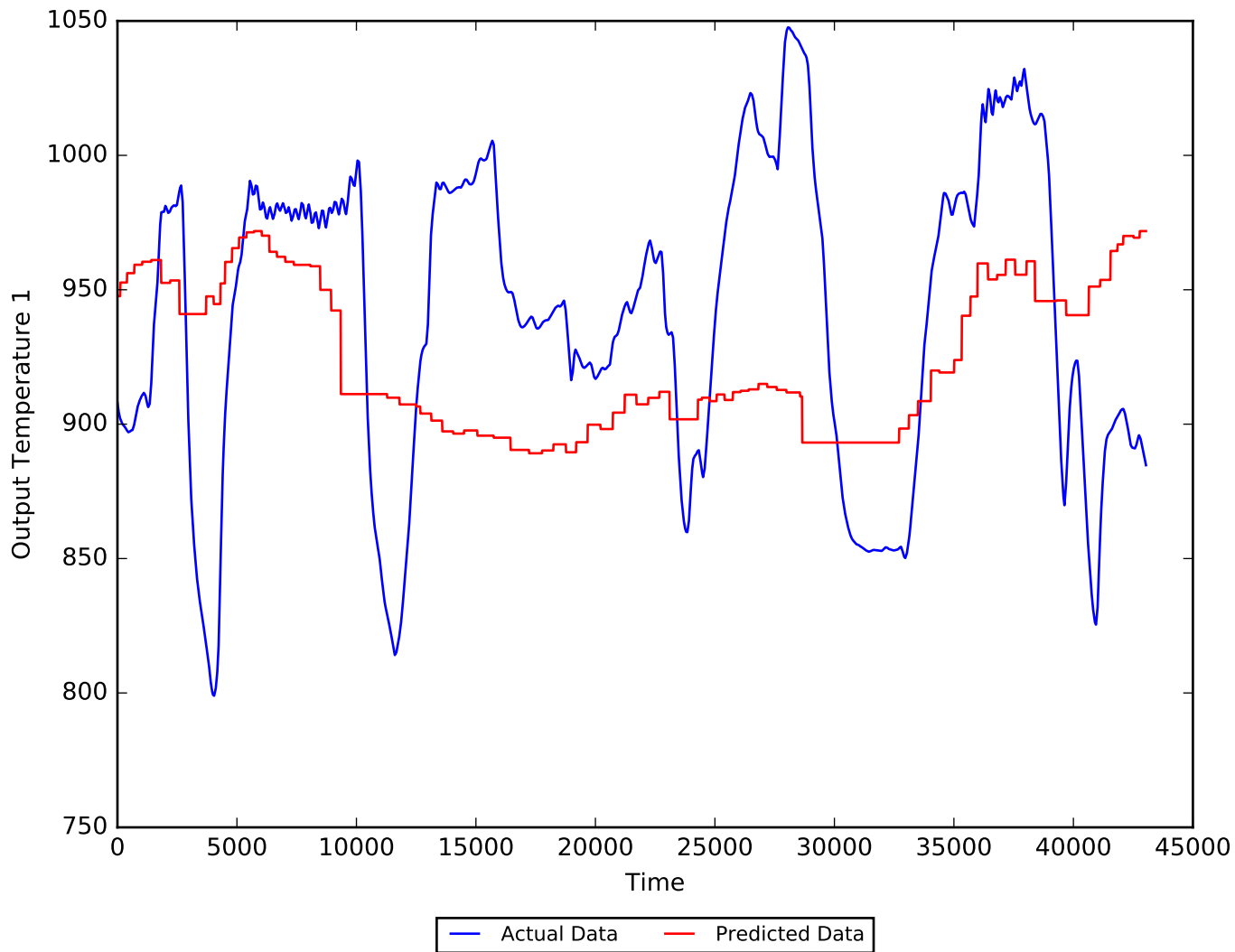


$$\text{output\_section\_temp8} \sim \text{input\_wall\_temp8} + \text{input\_wall\_temp8}^2 + \text{input\_wall\_temp8}^3$$

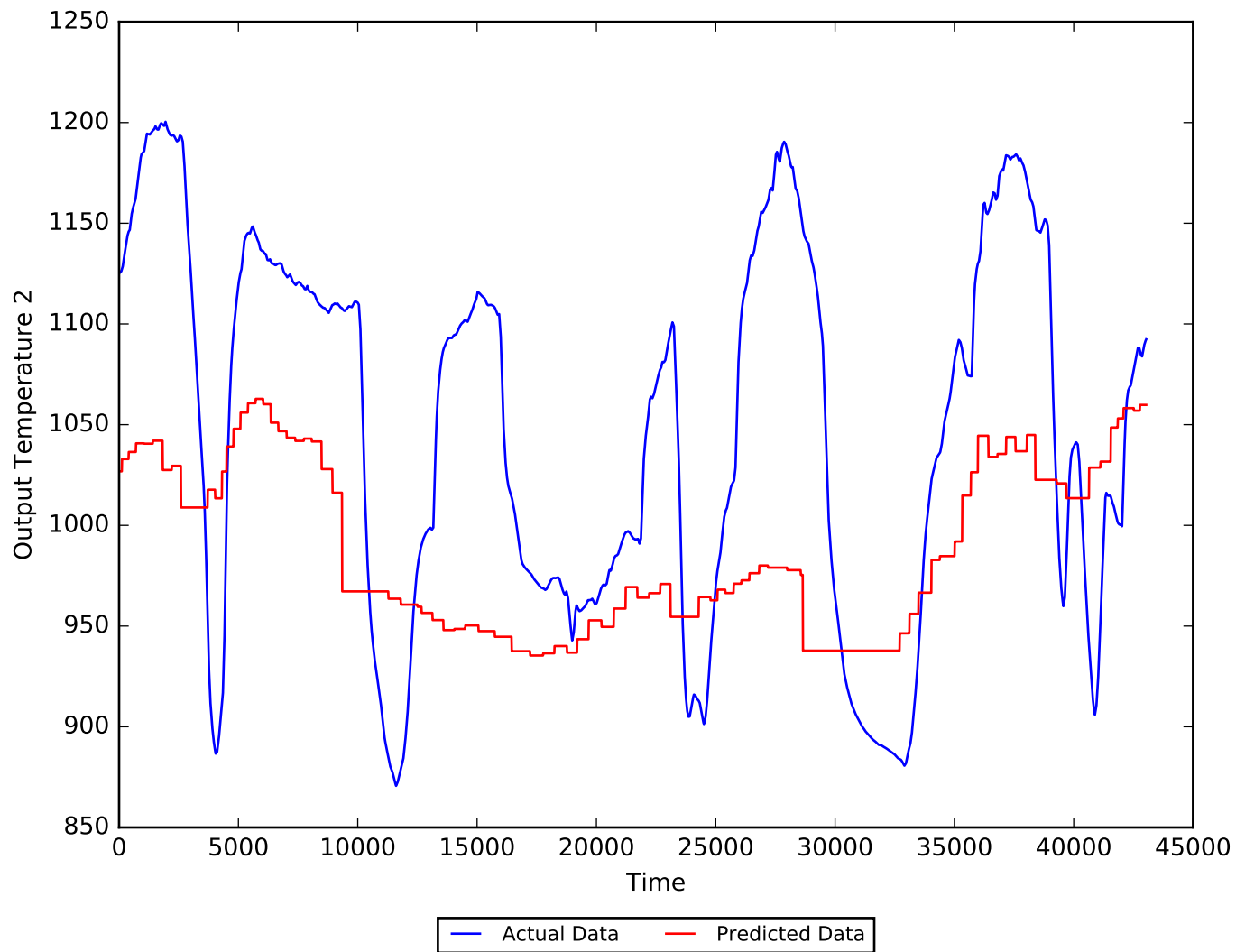




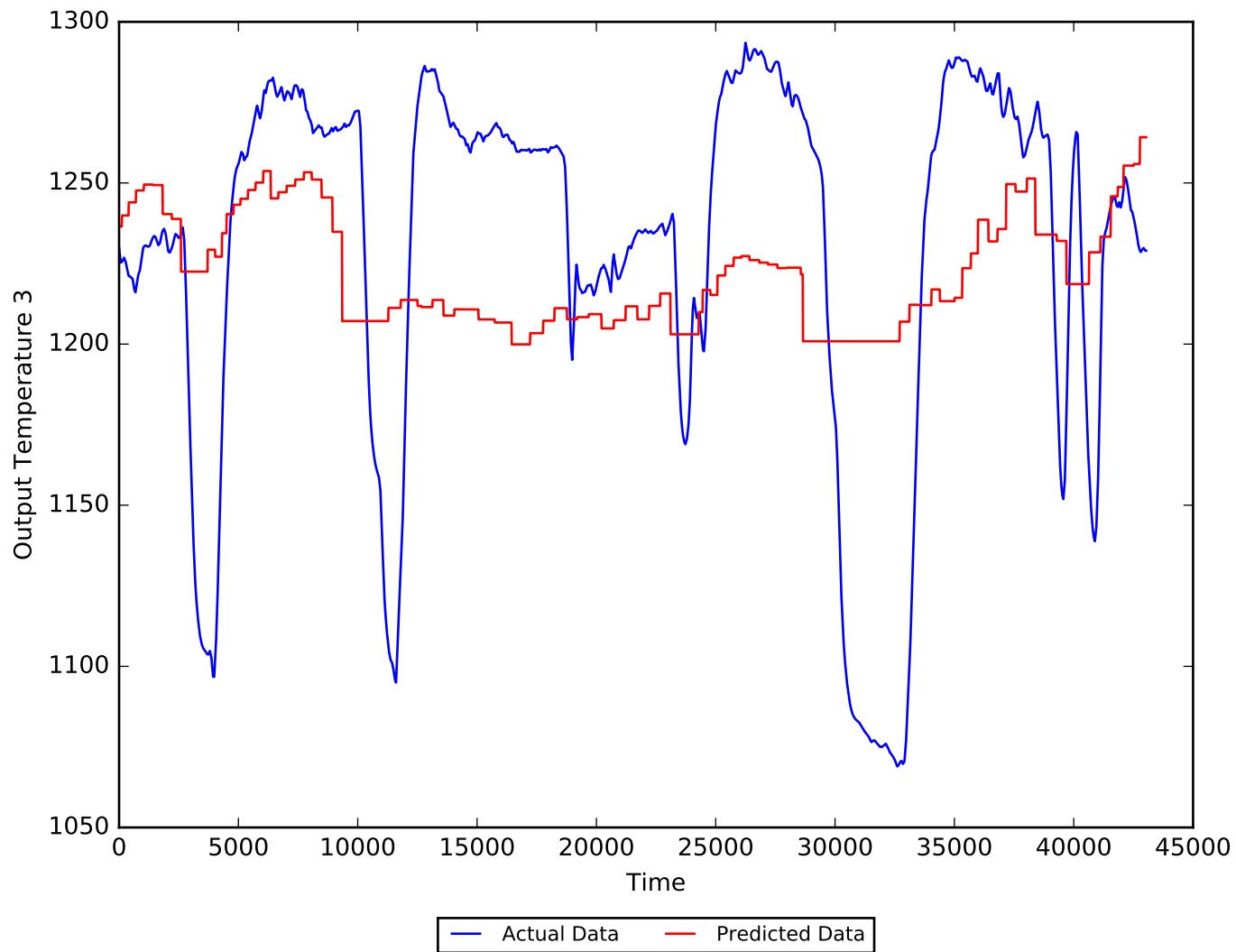
$$\text{output\_section\_temp1} \sim \text{input\_mat\_temp1} + \text{input\_mat\_temp1}^{**2} + \text{input\_mat\_temp1}^{**3}$$



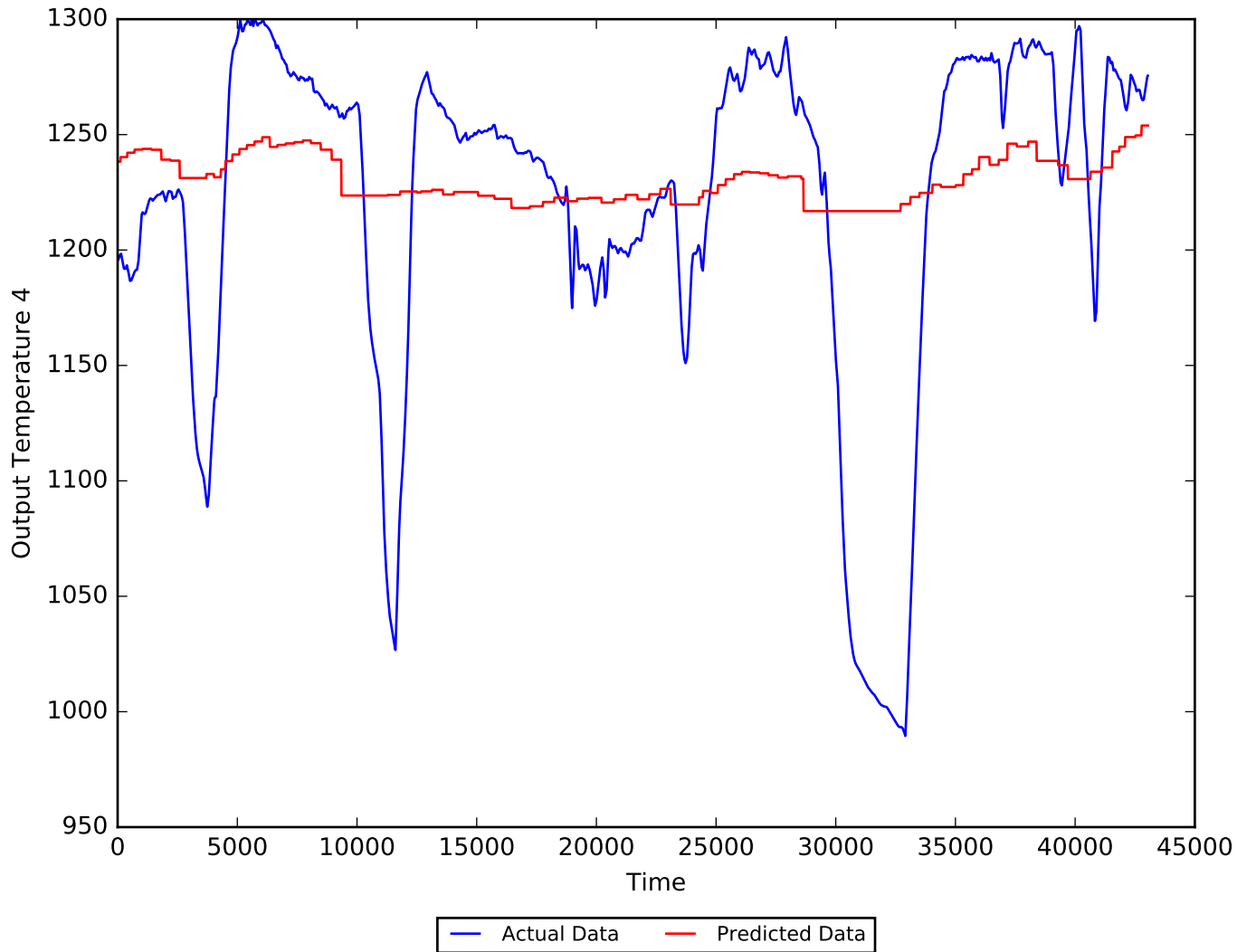
$$\text{output\_section\_temp2} \sim \text{input\_mat\_temp2} + \text{input\_mat\_temp2}^2 + \text{input\_mat\_temp2}^3$$



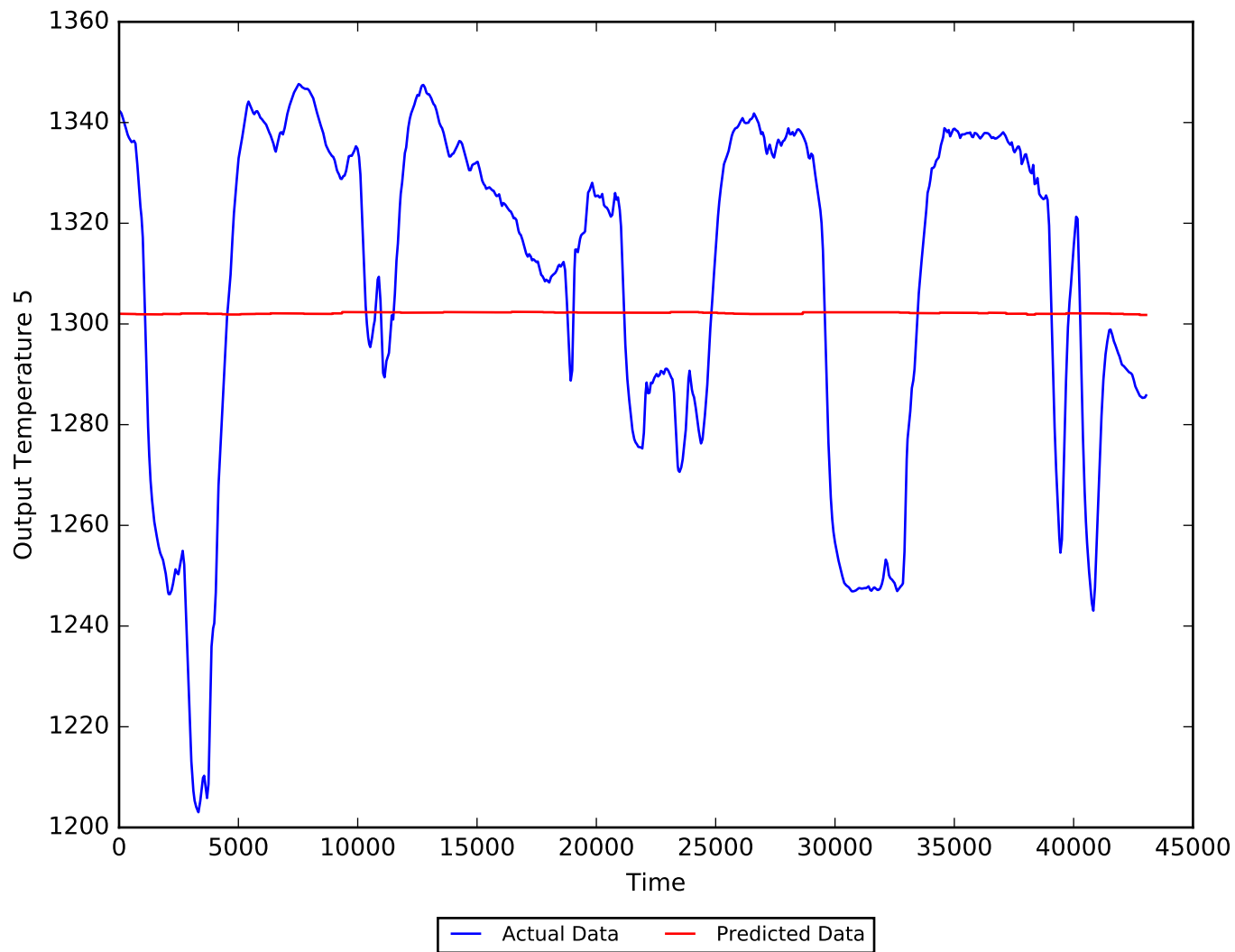
$$\text{output\_section\_temp3} \sim \text{input\_mat\_temp3} + \text{input\_mat\_temp3}^2 + \text{input\_mat\_temp3}^3$$



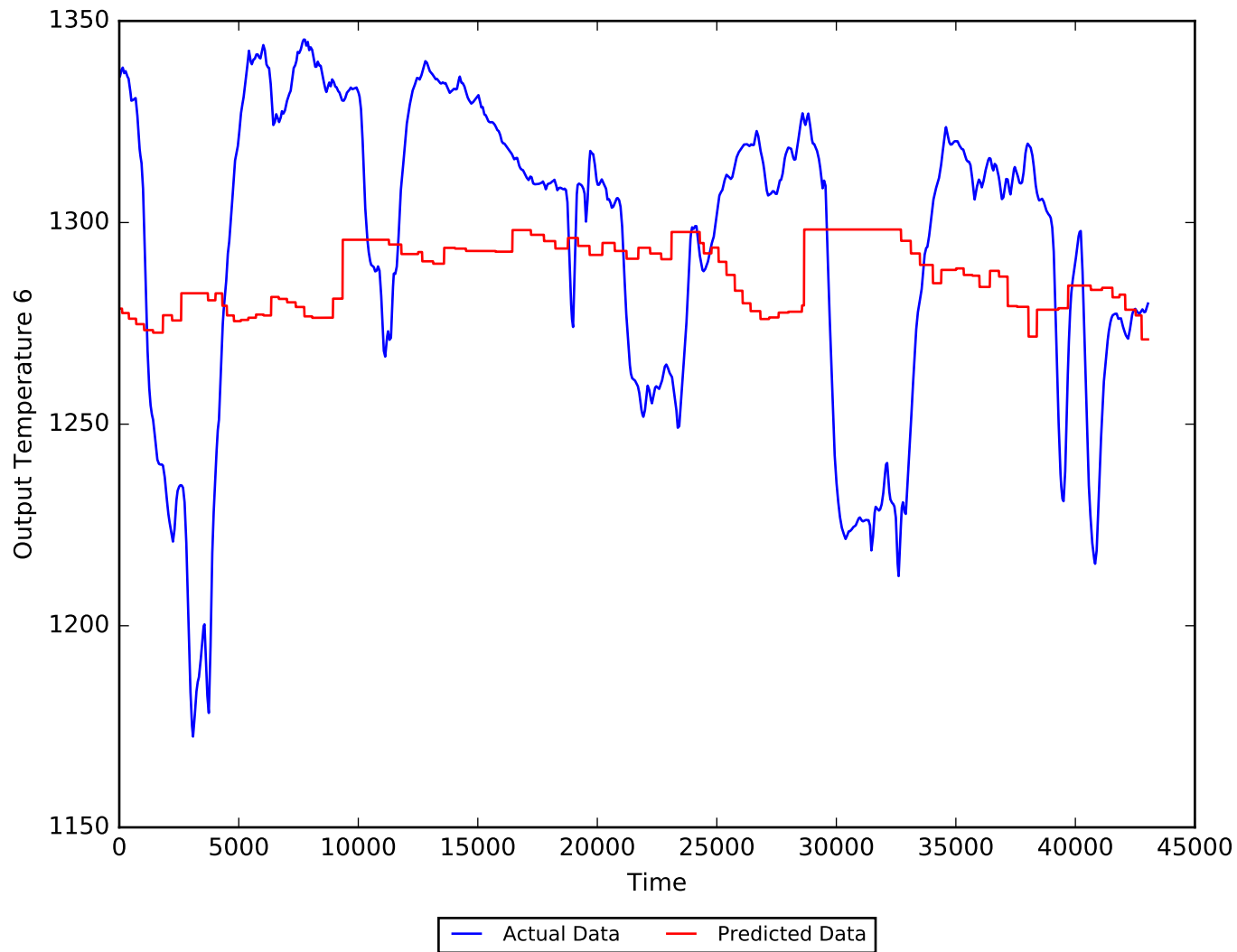
$$\text{output\_section\_temp4} \sim \text{input\_mat\_temp4} + \text{input\_mat\_temp4}^{**2} + \text{input\_mat\_temp4}^{**3}$$



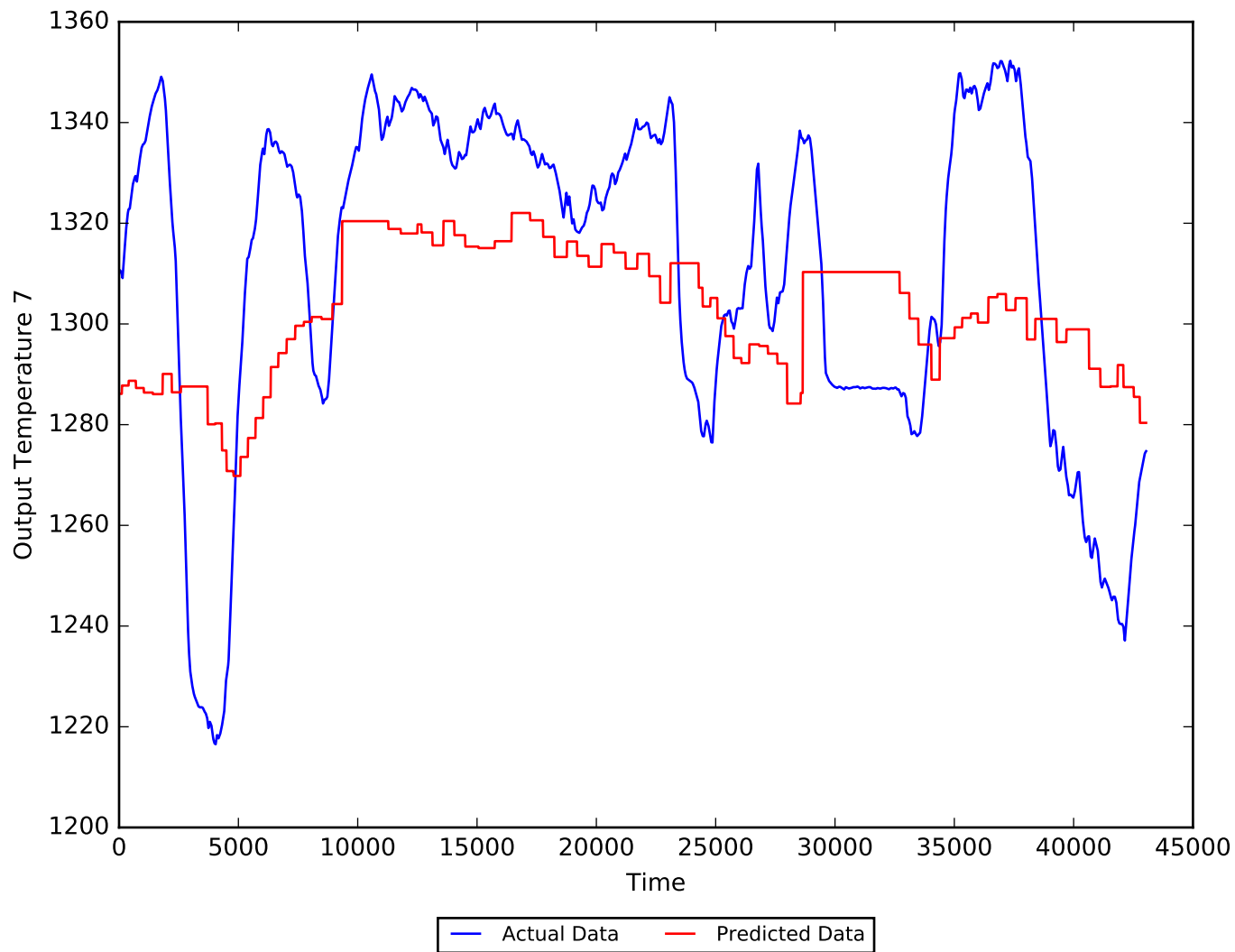
$$\text{output\_section\_temp5} \sim \text{input\_mat\_temp5} + \text{input\_mat\_temp5}^2 + \text{input\_mat\_temp5}^3$$



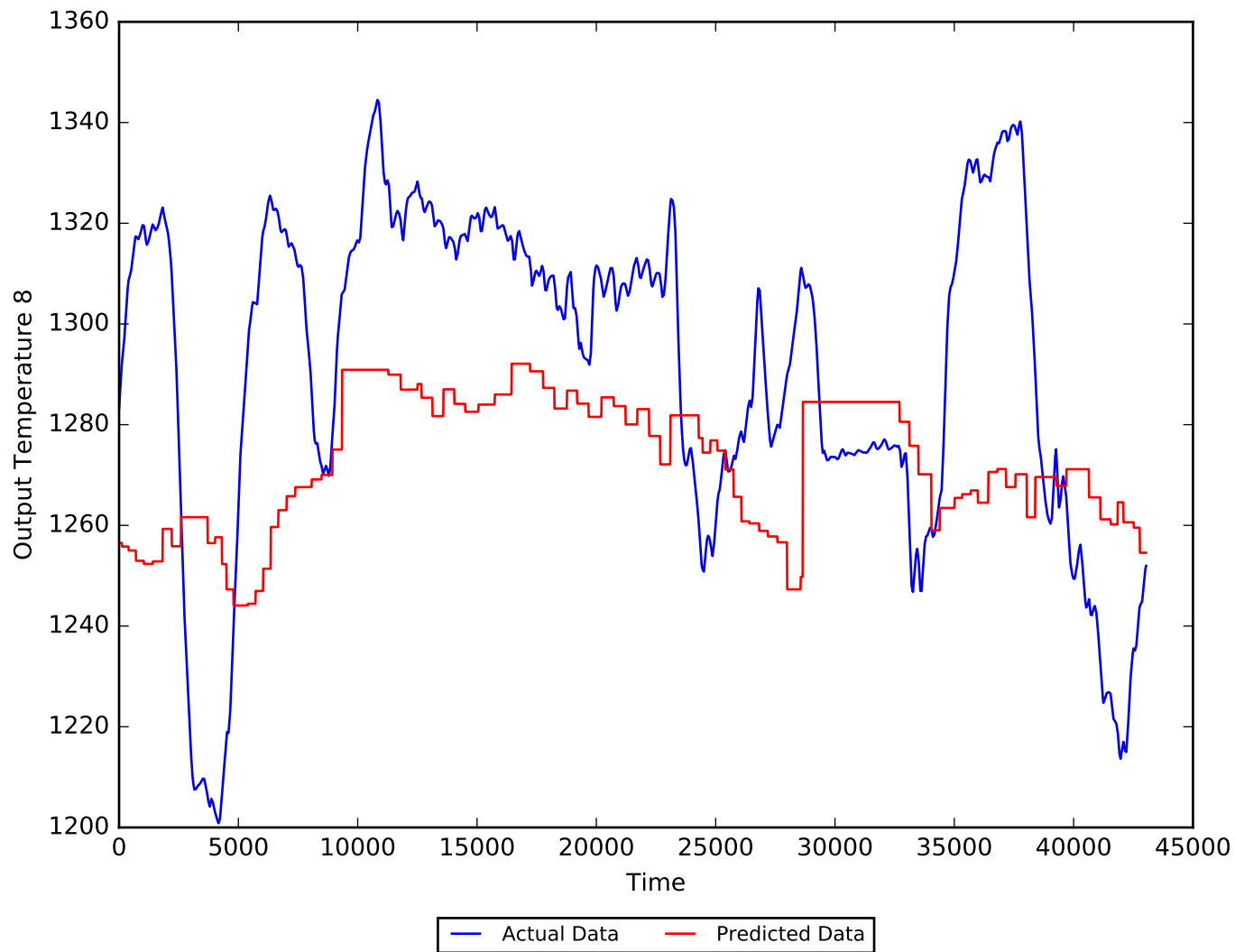
$$\text{output\_section\_temp6} \sim \text{input\_mat\_temp6} + \text{input\_mat\_temp6}^{**2} + \text{input\_mat\_temp6}^{**3}$$



$$\text{output\_section\_temp7} \sim \text{input\_mat\_temp7} + \text{input\_mat\_temp7}^{**2} + \text{input\_mat\_temp7}^{**3}$$

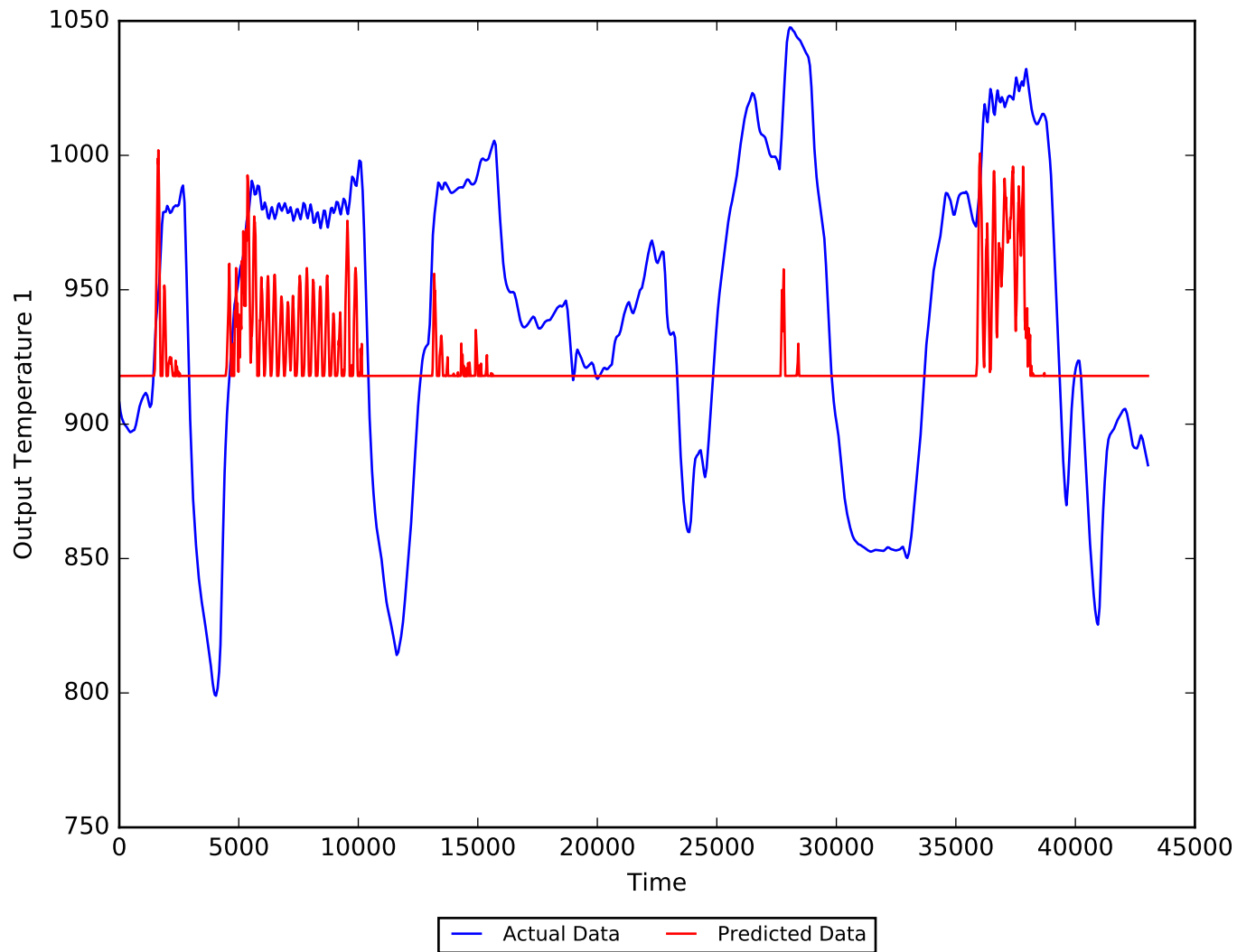


$$\text{output\_section\_temp8} \sim \text{input\_mat\_temp8} + \text{input\_mat\_temp8}^2 + \text{input\_mat\_temp8}^3$$

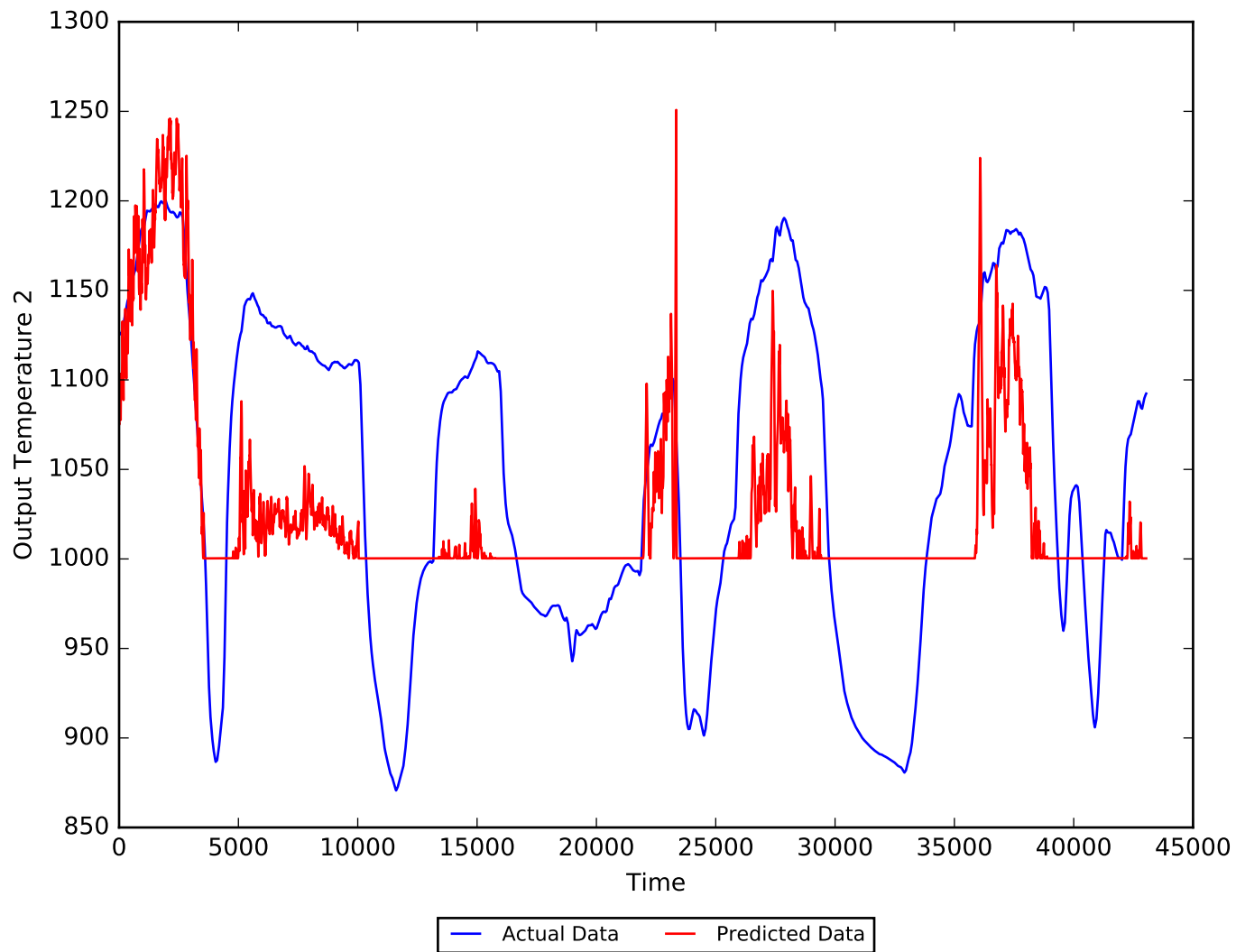




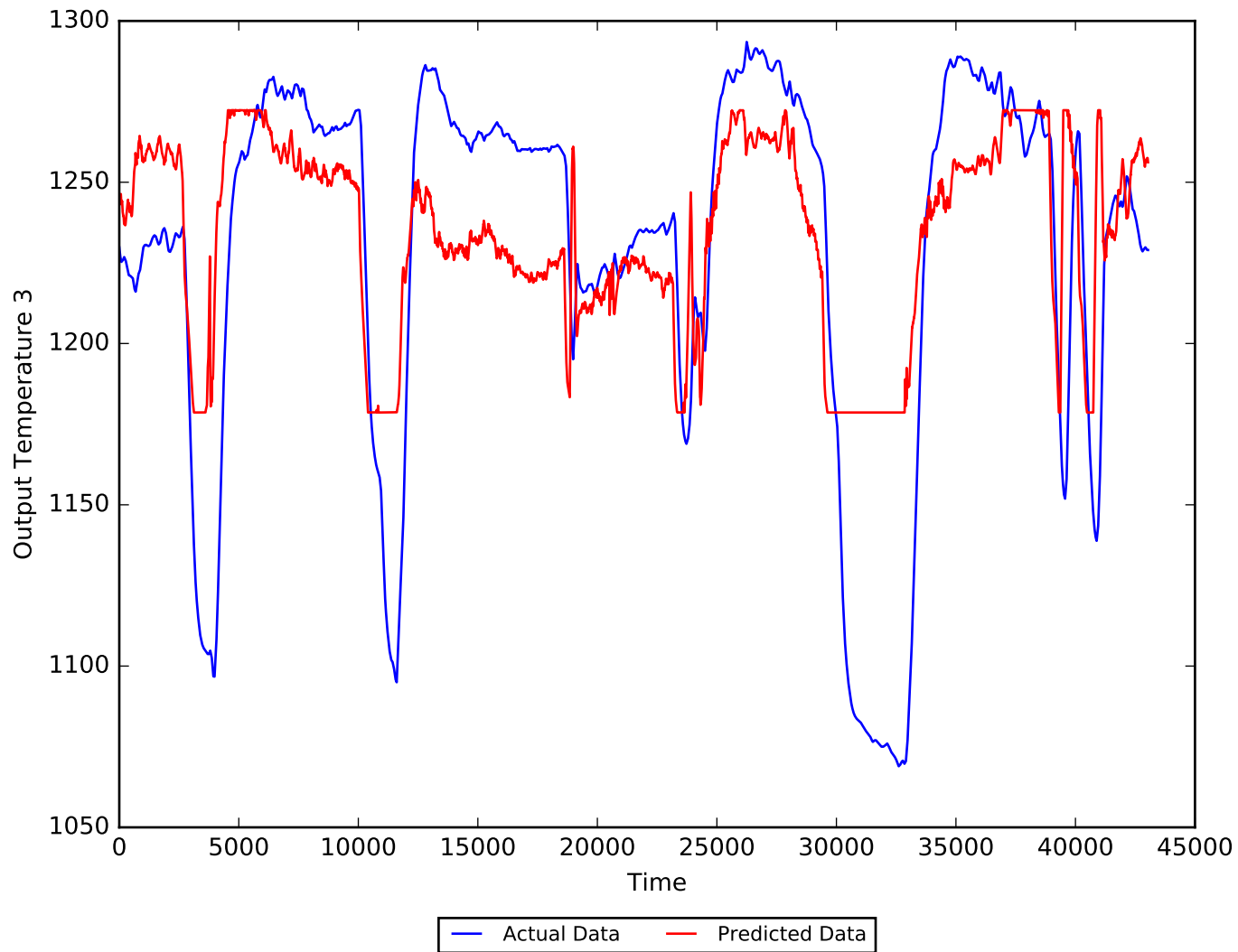
$$\text{output\_section\_temp1} \sim \text{input\_heat\_energy1} + \text{input\_heat\_energy1}^{**2}$$



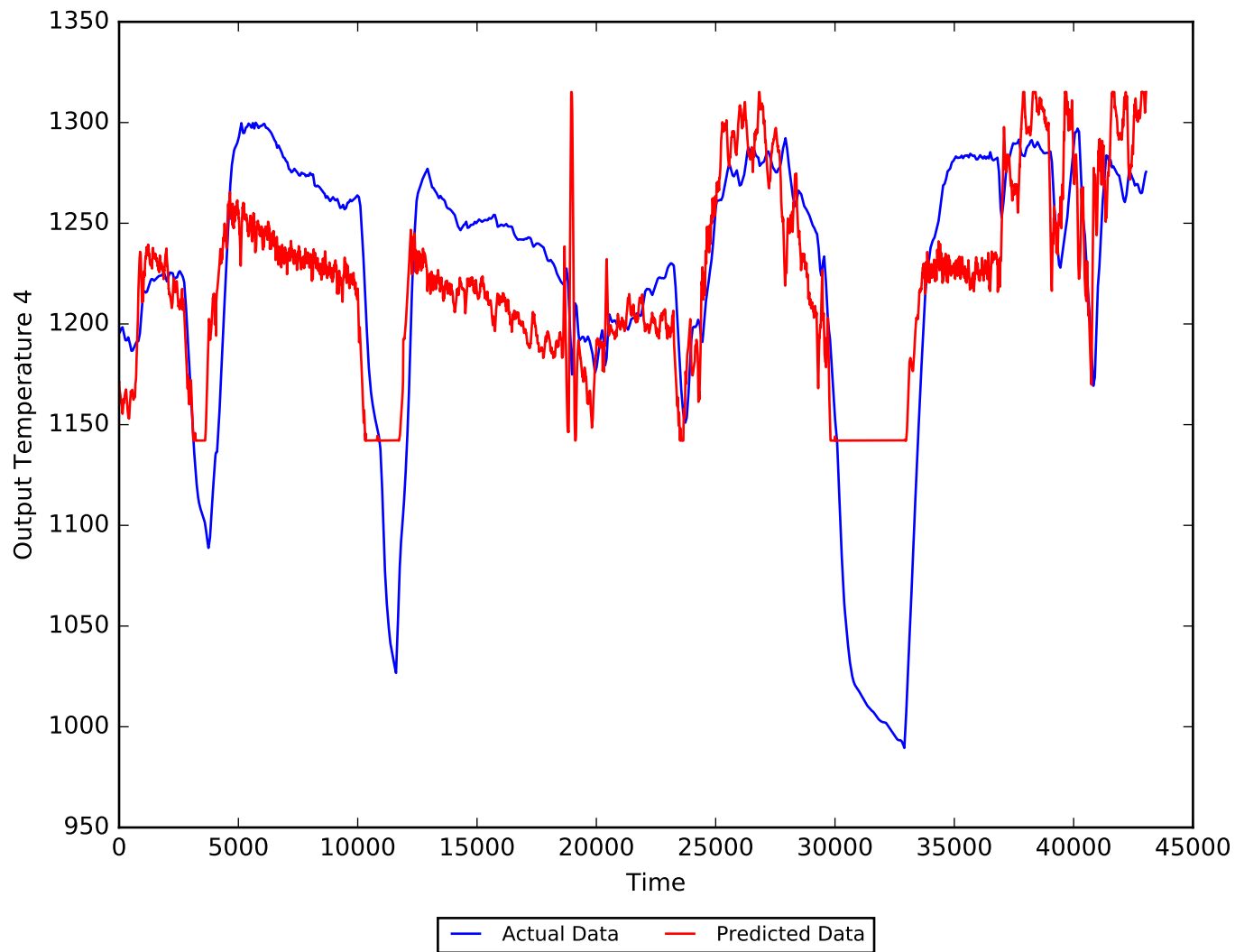
$$\text{output\_section\_temp2} \sim \text{input\_heat\_energy2} + \text{input\_heat\_energy2}^2$$



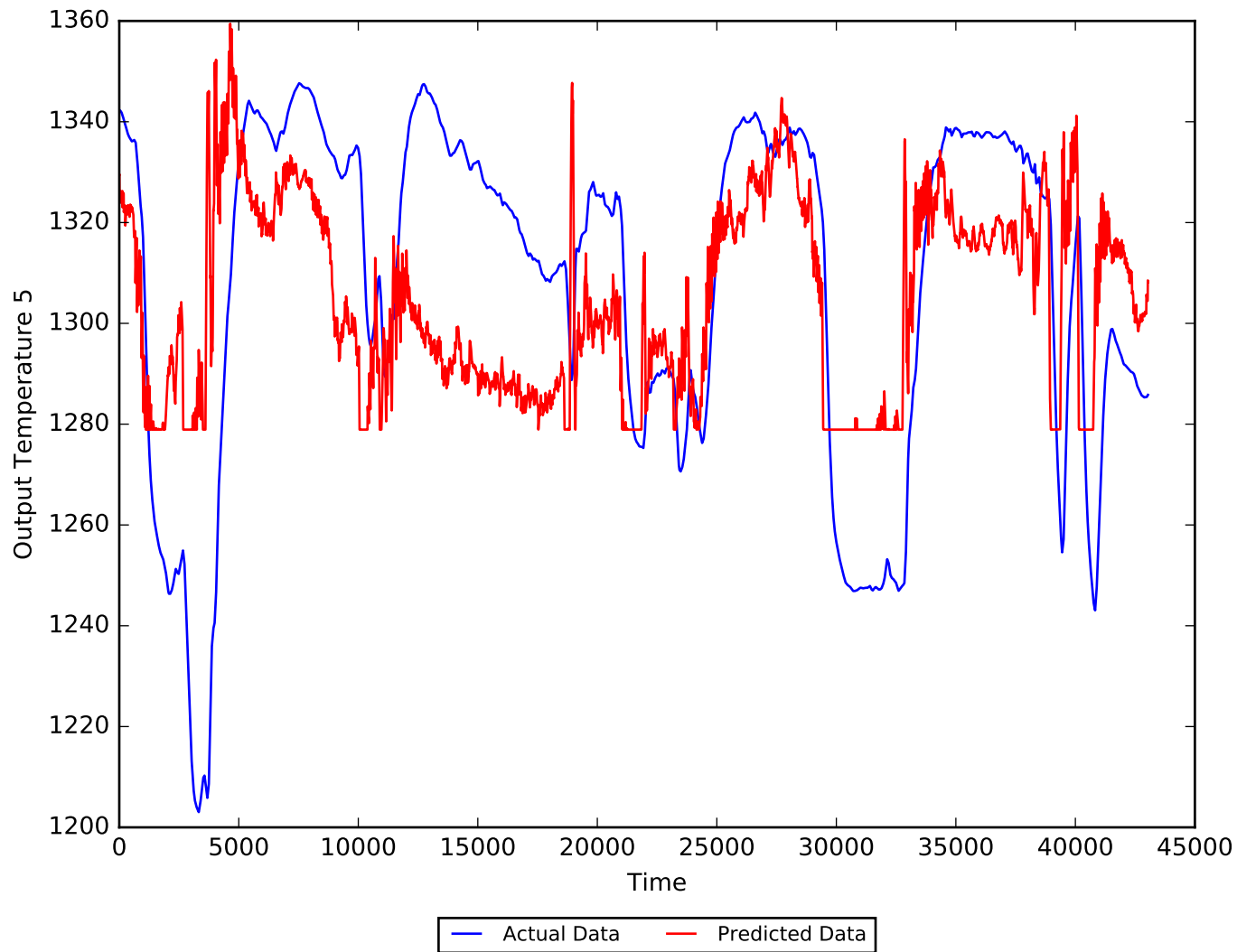
$$\text{output\_section\_temp3} \sim \text{input\_heat\_energy3} + \text{input\_heat\_energy3}^{**2}$$



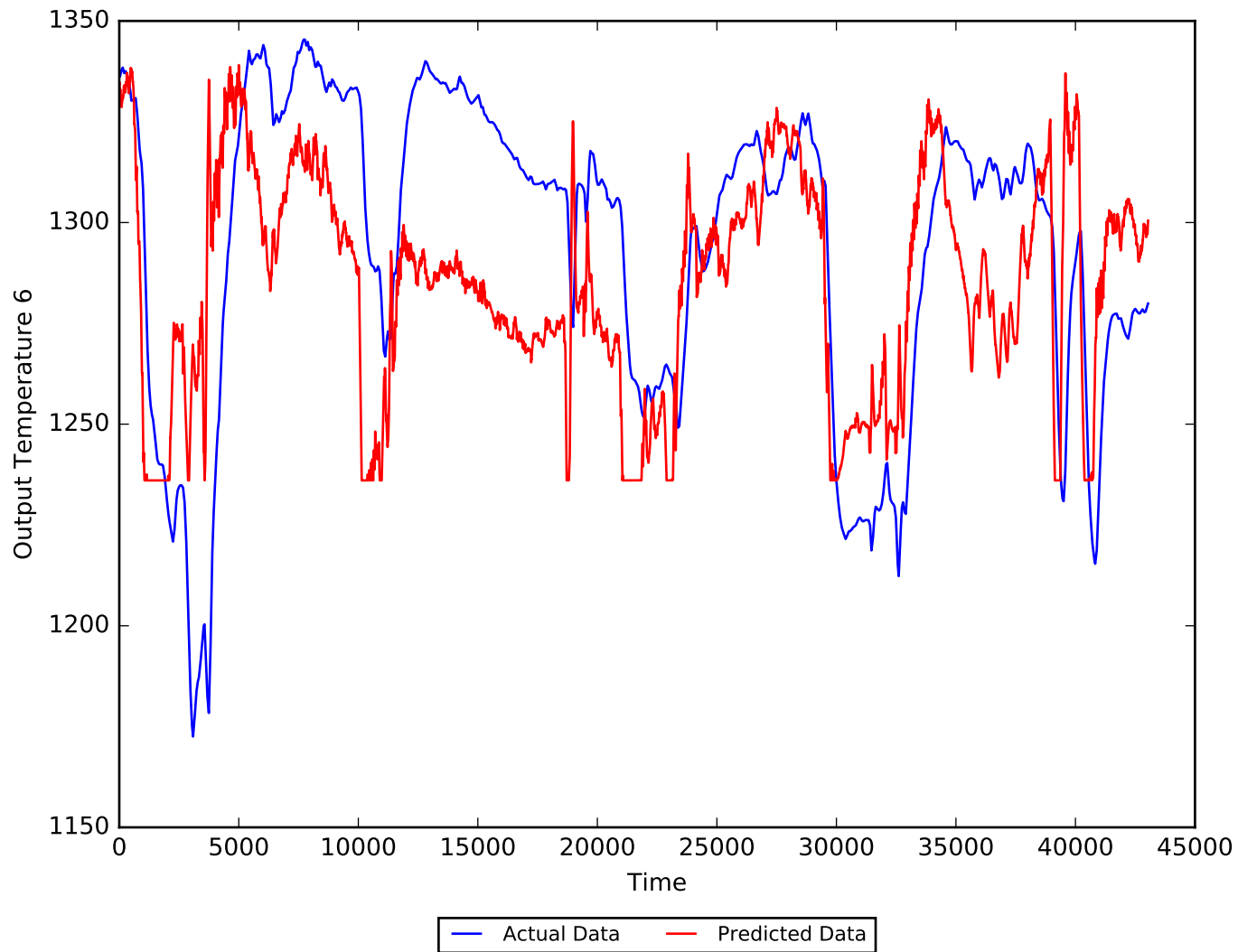
$$\text{output\_section\_temp4} \sim \text{input\_heat\_energy4} + \text{input\_heat\_energy4}^{**2}$$



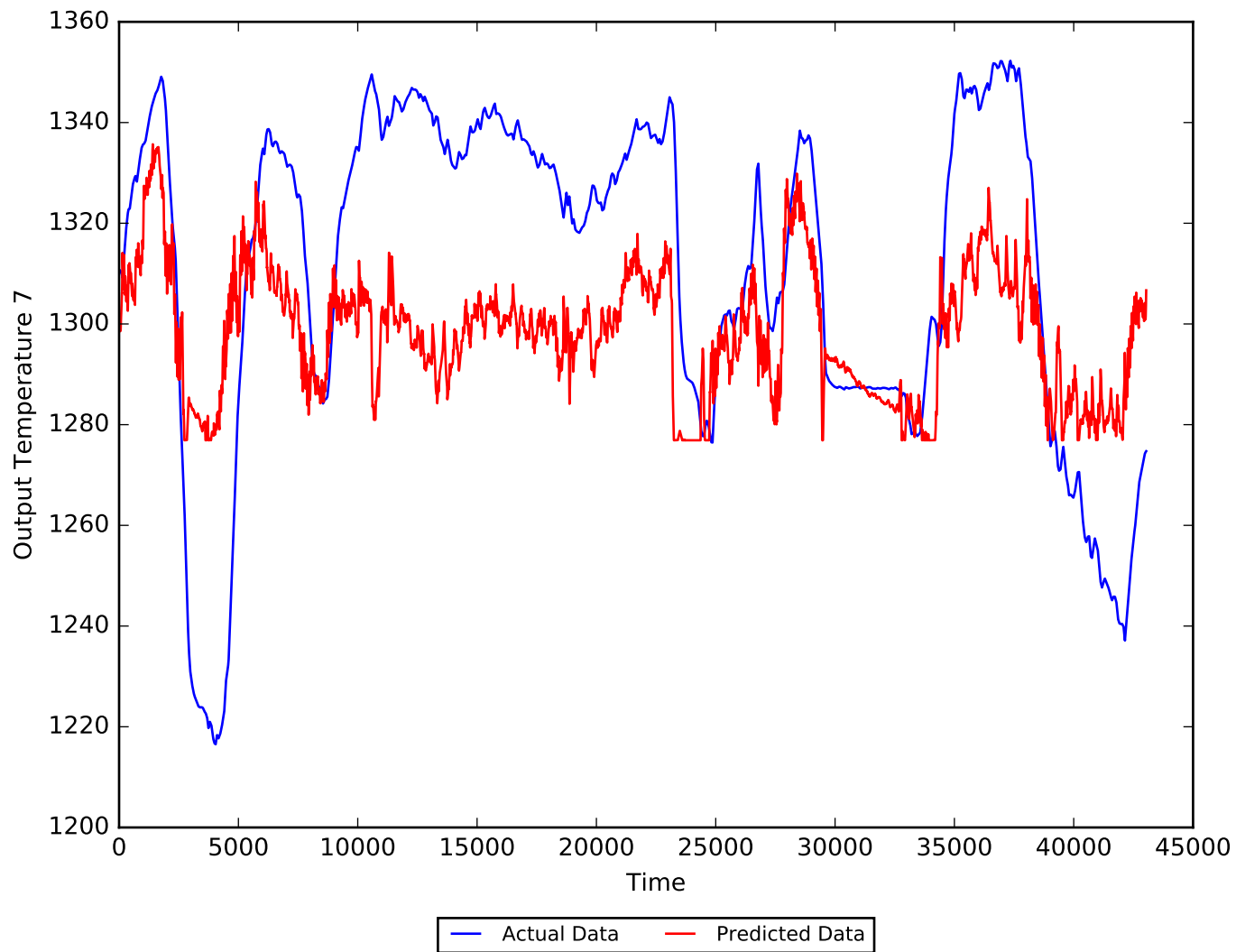
$$\text{output\_section\_temp5} \sim \text{input\_heat\_energy5} + \text{input\_heat\_energy5}^{**2}$$



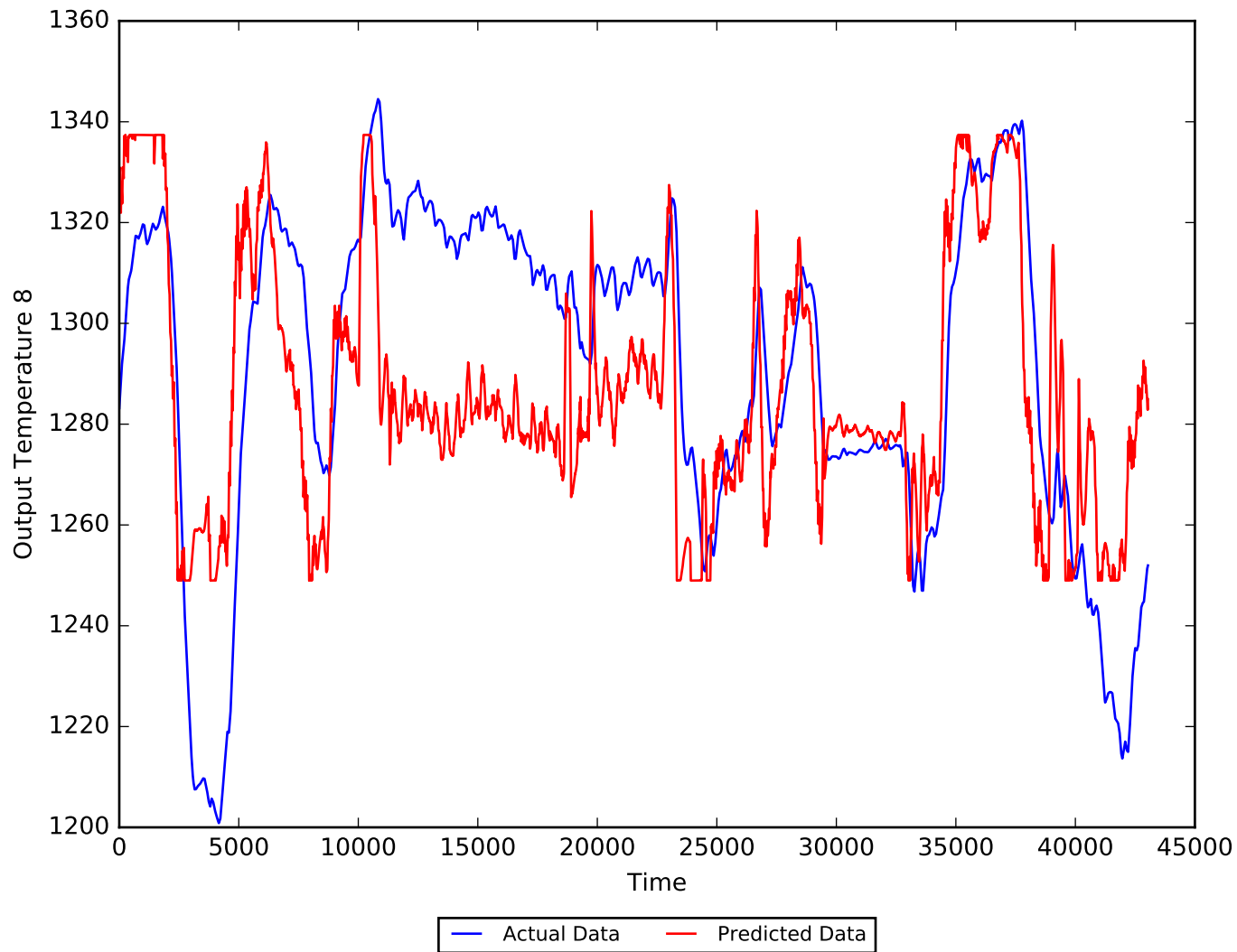
$$\text{output\_section\_temp6} \sim \text{input\_heat\_energy6} + \text{input\_heat\_energy6}^{**2}$$



$$\text{output\_section\_temp7} \sim \text{input\_heat\_energy7} + \text{input\_heat\_energy7}^{**2}$$

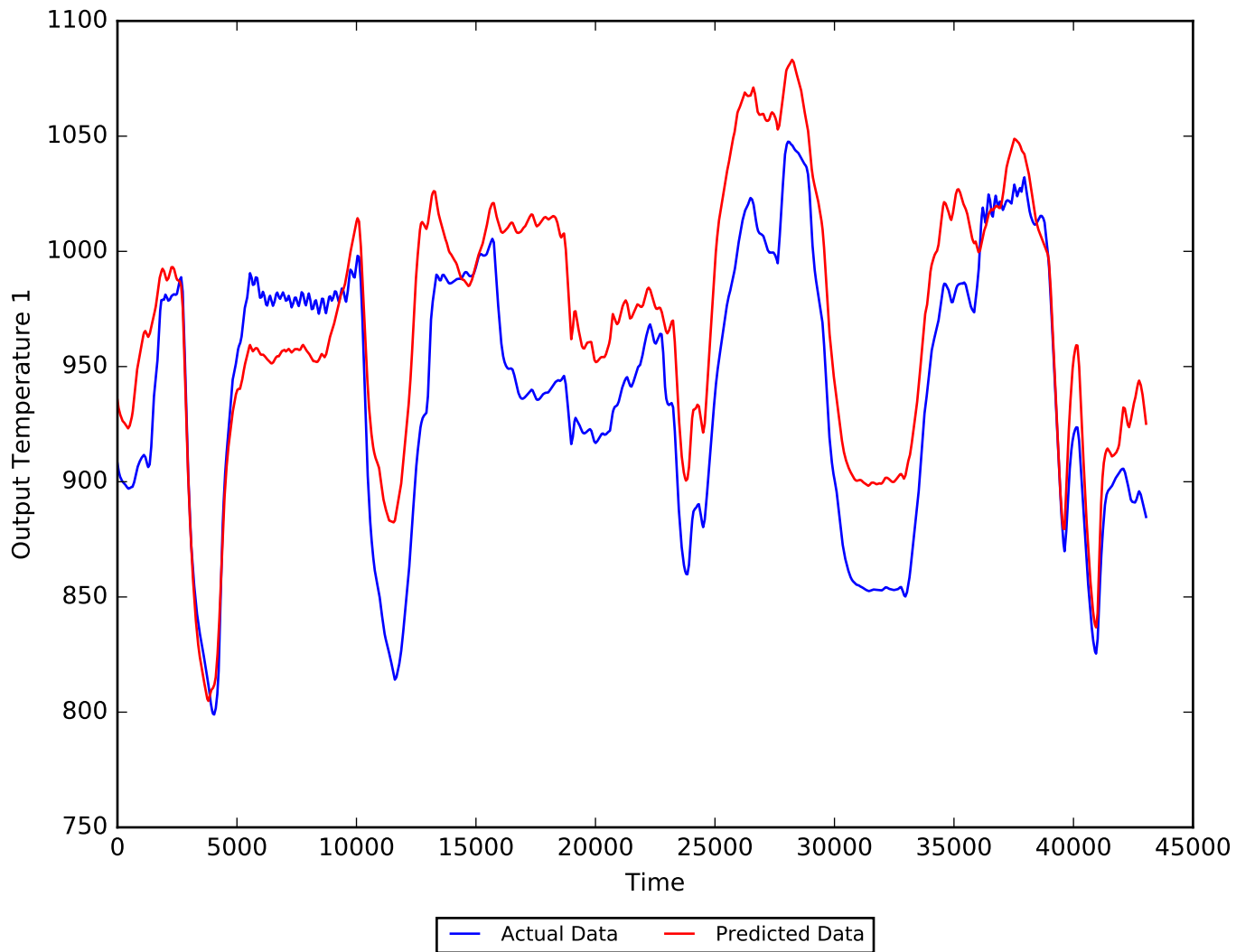


$$\text{output\_section\_temp8} \sim \text{input\_heat\_energy8} + \text{input\_heat\_energy8}^{**2}$$

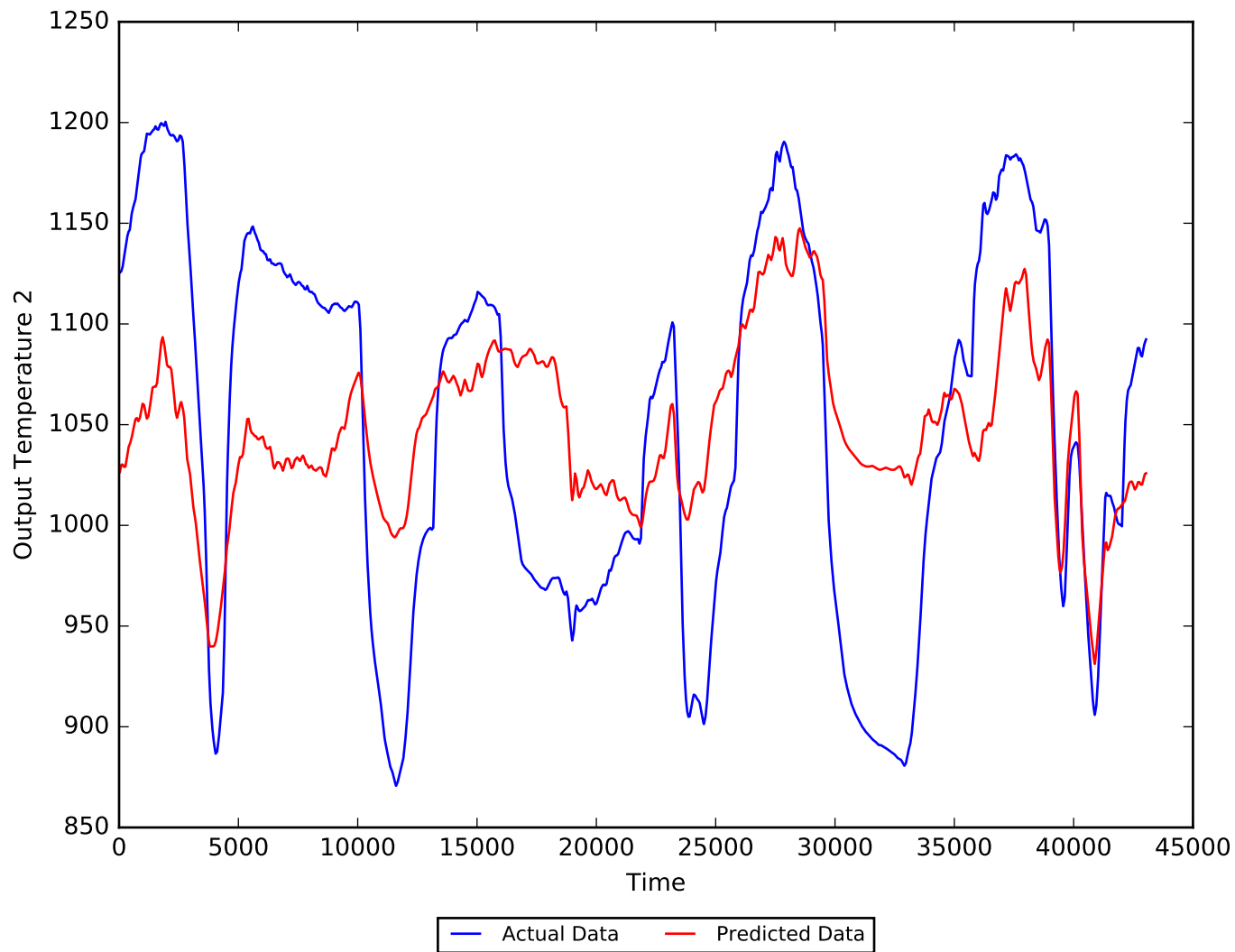




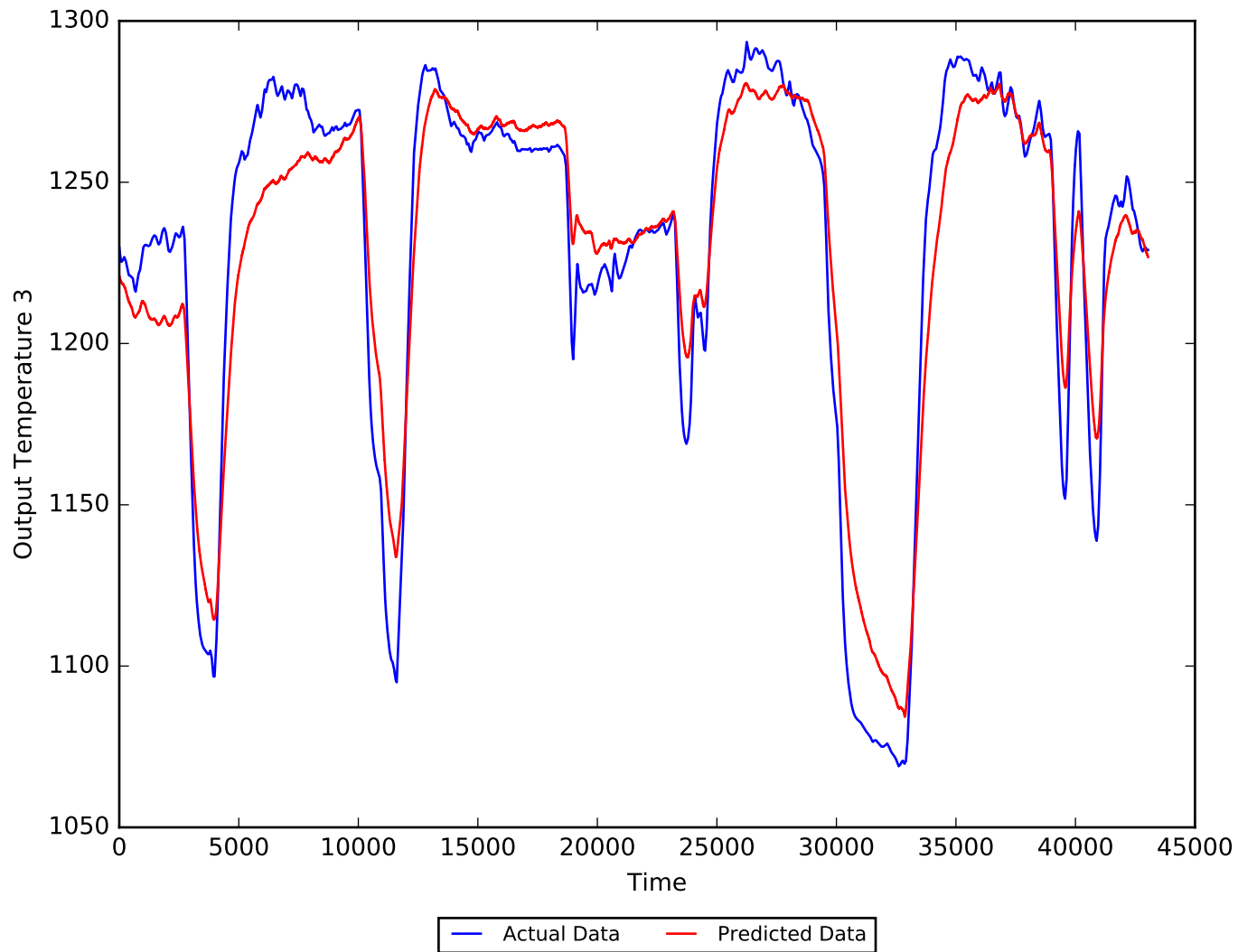
$$\text{output\_section\_temp1} \sim \text{input\_wall\_temp1} + \text{input\_wall\_temp1}^{**2}$$



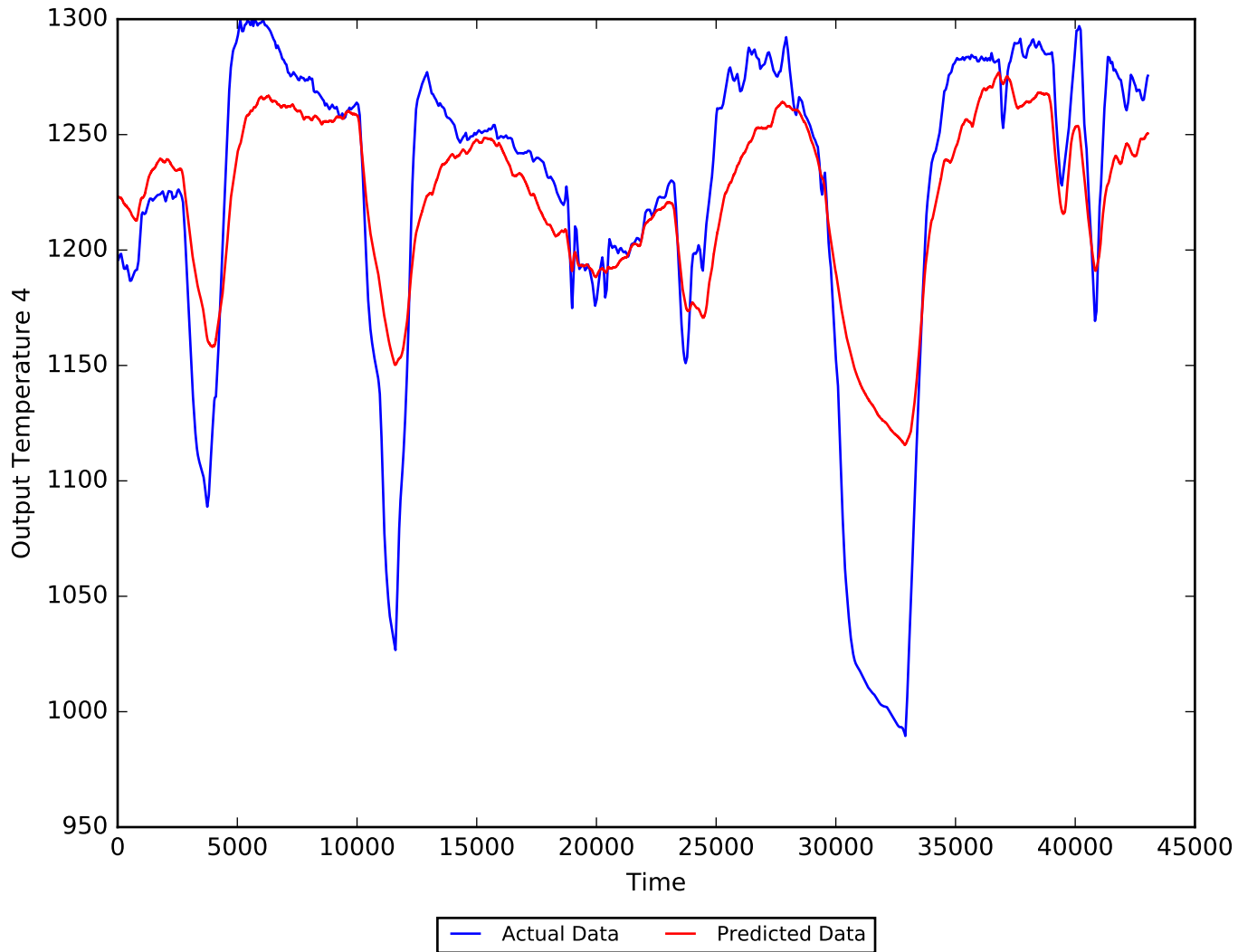
$$\text{output\_section\_temp2} \sim \text{input\_wall\_temp2} + \text{input\_wall\_temp2}^2$$



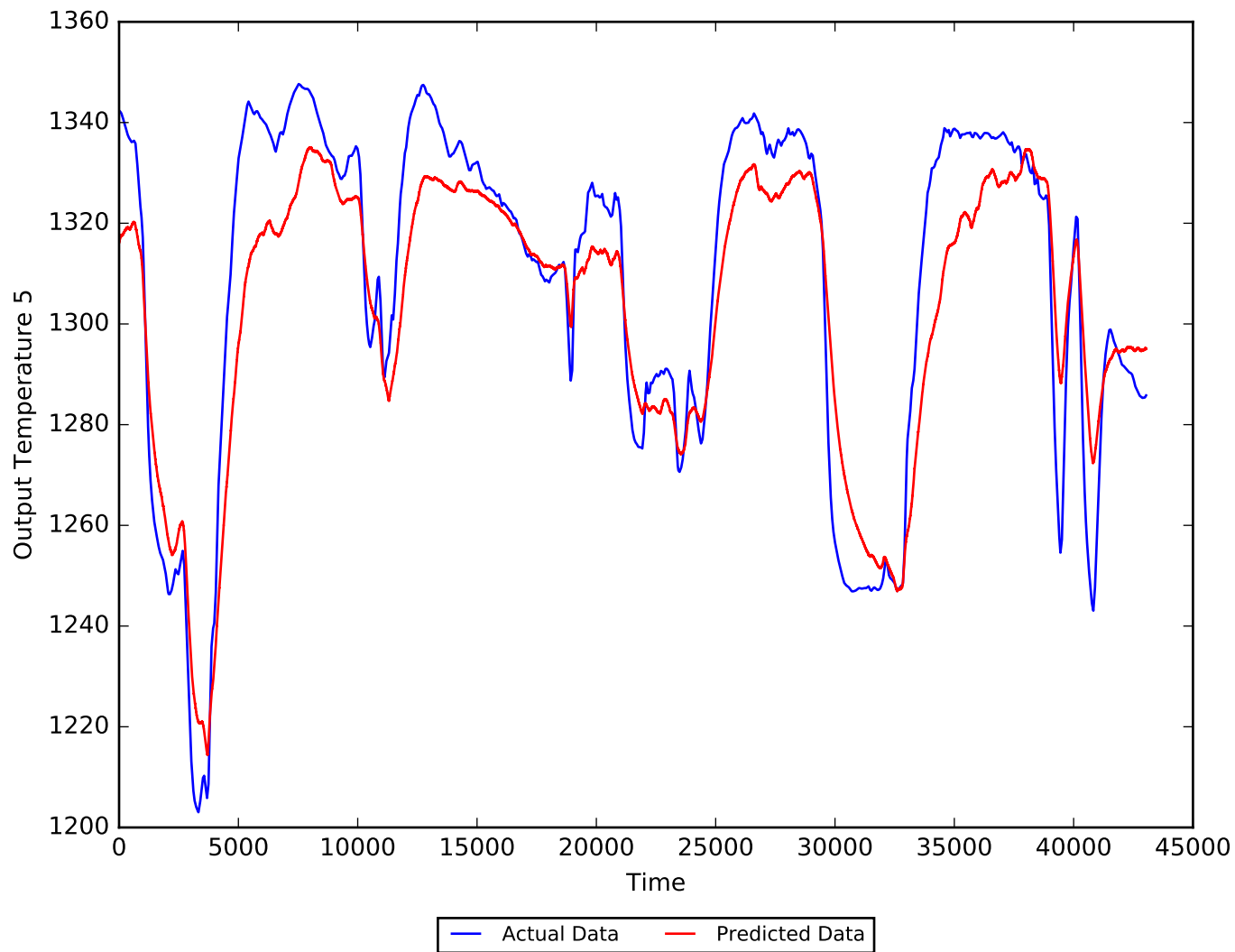
$$\text{output\_section\_temp3} \sim \text{input\_wall\_temp3} + \text{input\_wall\_temp3}^2$$



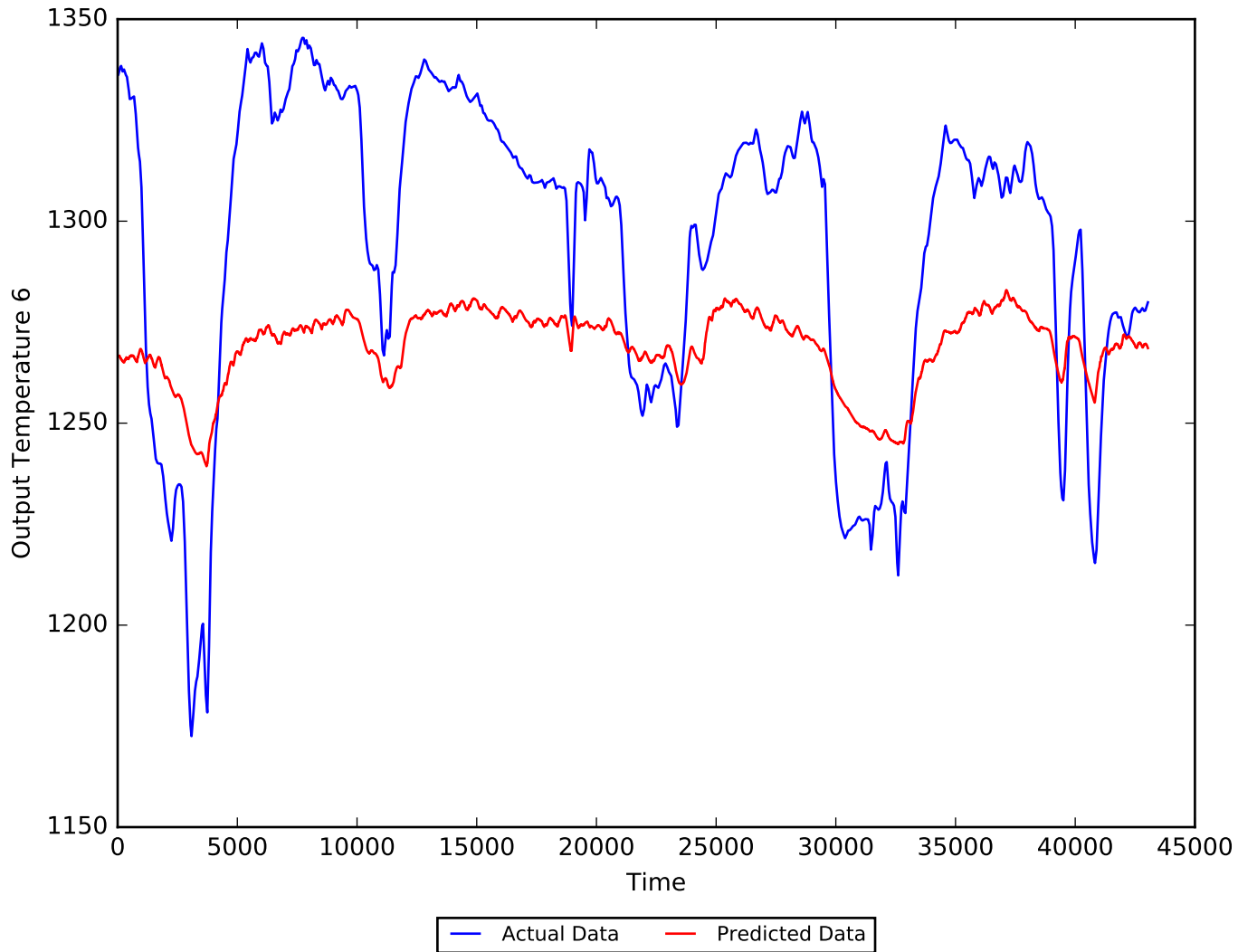
$$\text{output\_section\_temp4} \sim \text{input\_wall\_temp4} + \text{input\_wall\_temp4}^{**2}$$



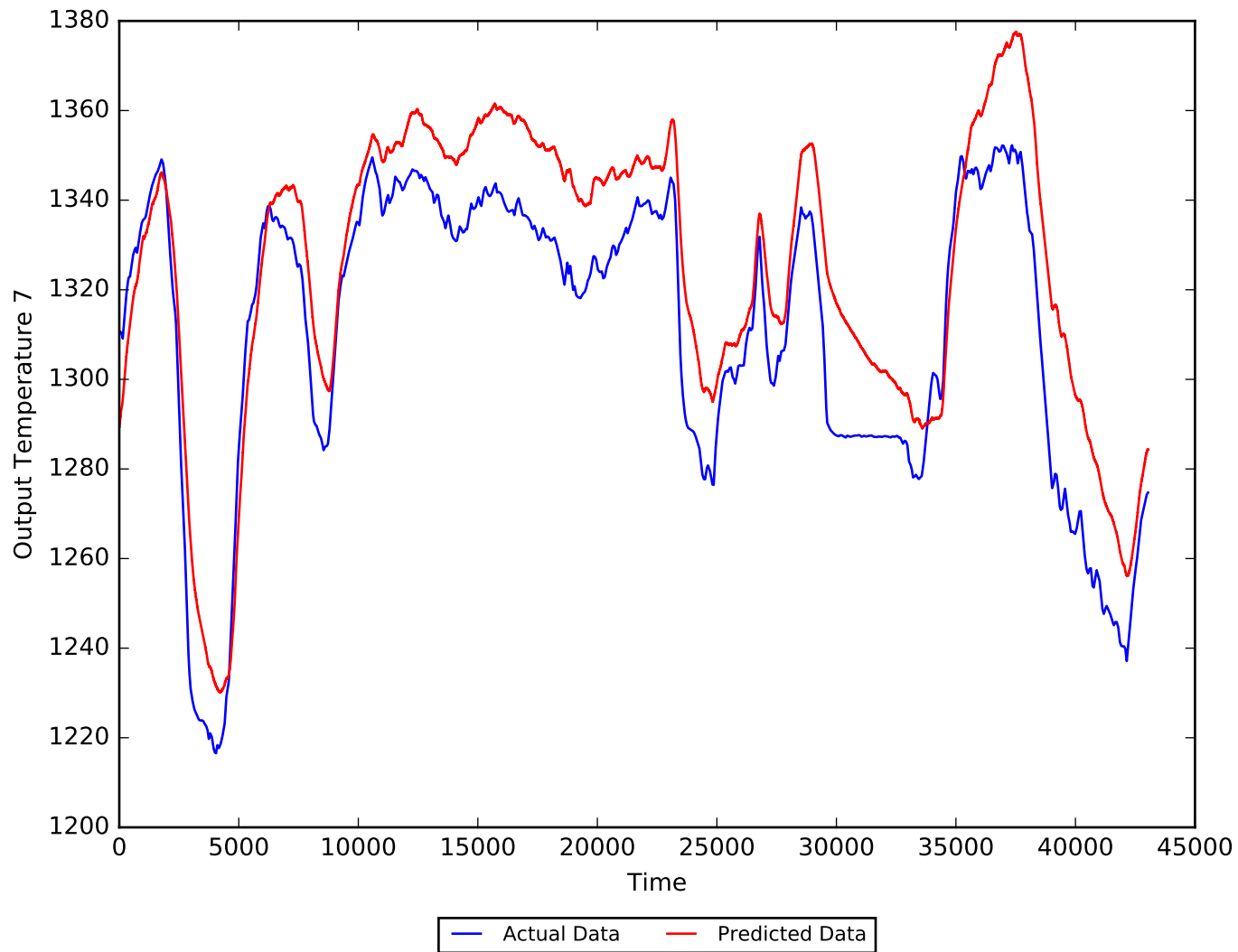
$$\text{output\_section\_temp5} \sim \text{input\_wall\_temp5} + \text{input\_wall\_temp5}^2$$



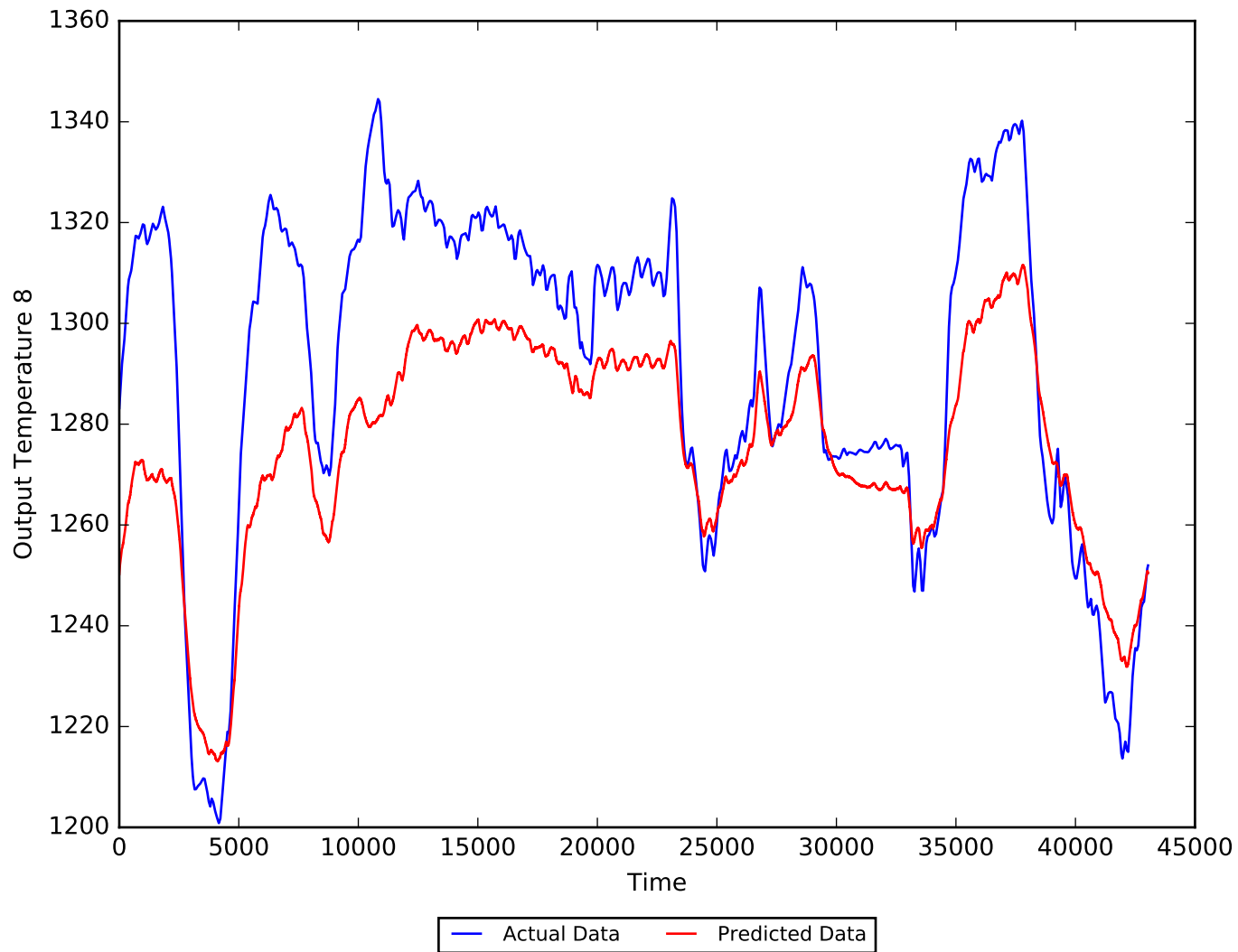
$$\text{output\_section\_temp6} \sim \text{input\_wall\_temp6} + \text{input\_wall\_temp6}^2$$



$$\text{output\_section\_temp7} \sim \text{input\_wall\_temp7} + \text{input\_wall\_temp7}^{**2}$$

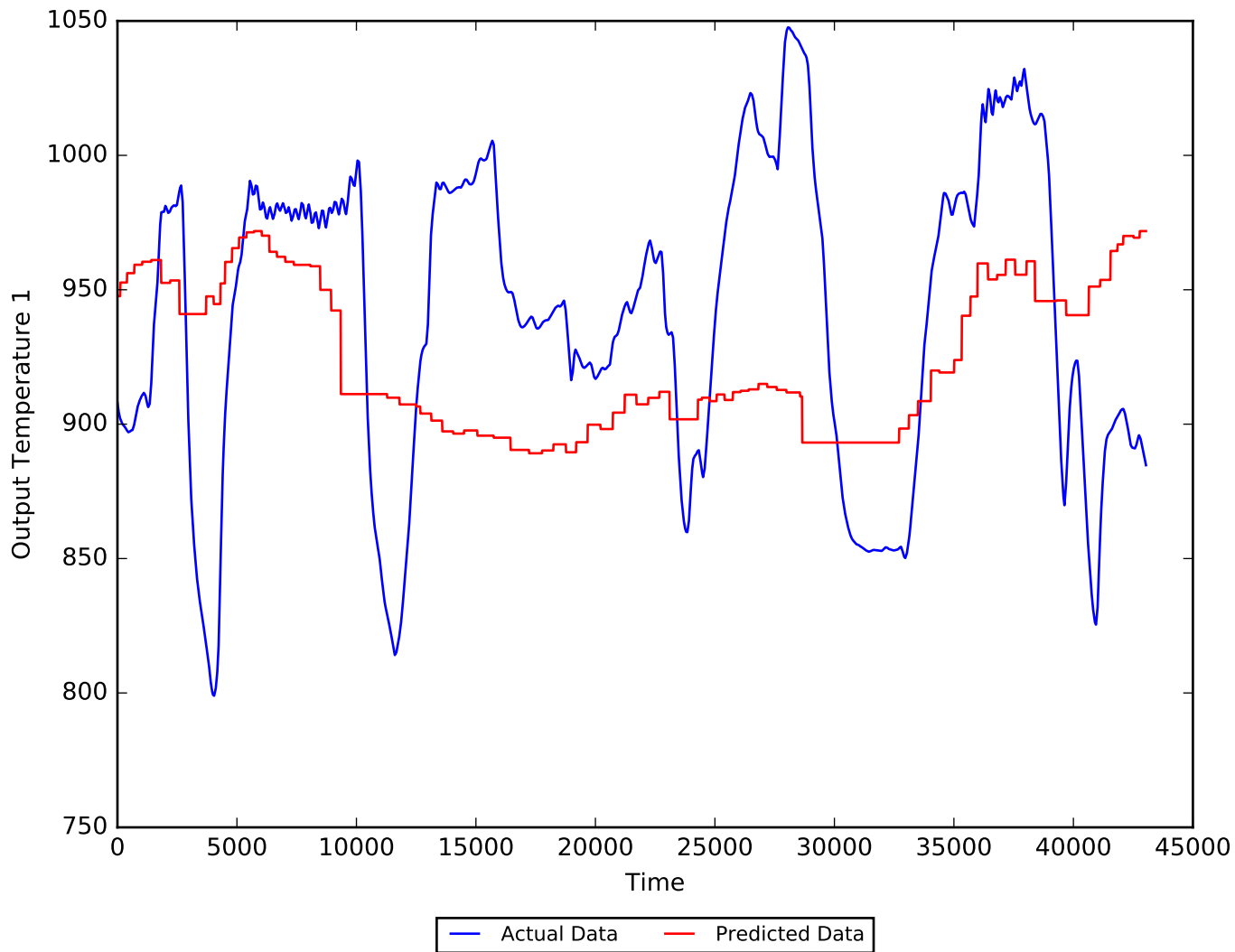


$$\text{output\_section\_temp8} \sim \text{input\_wall\_temp8} + \text{input\_wall\_temp8}^2$$

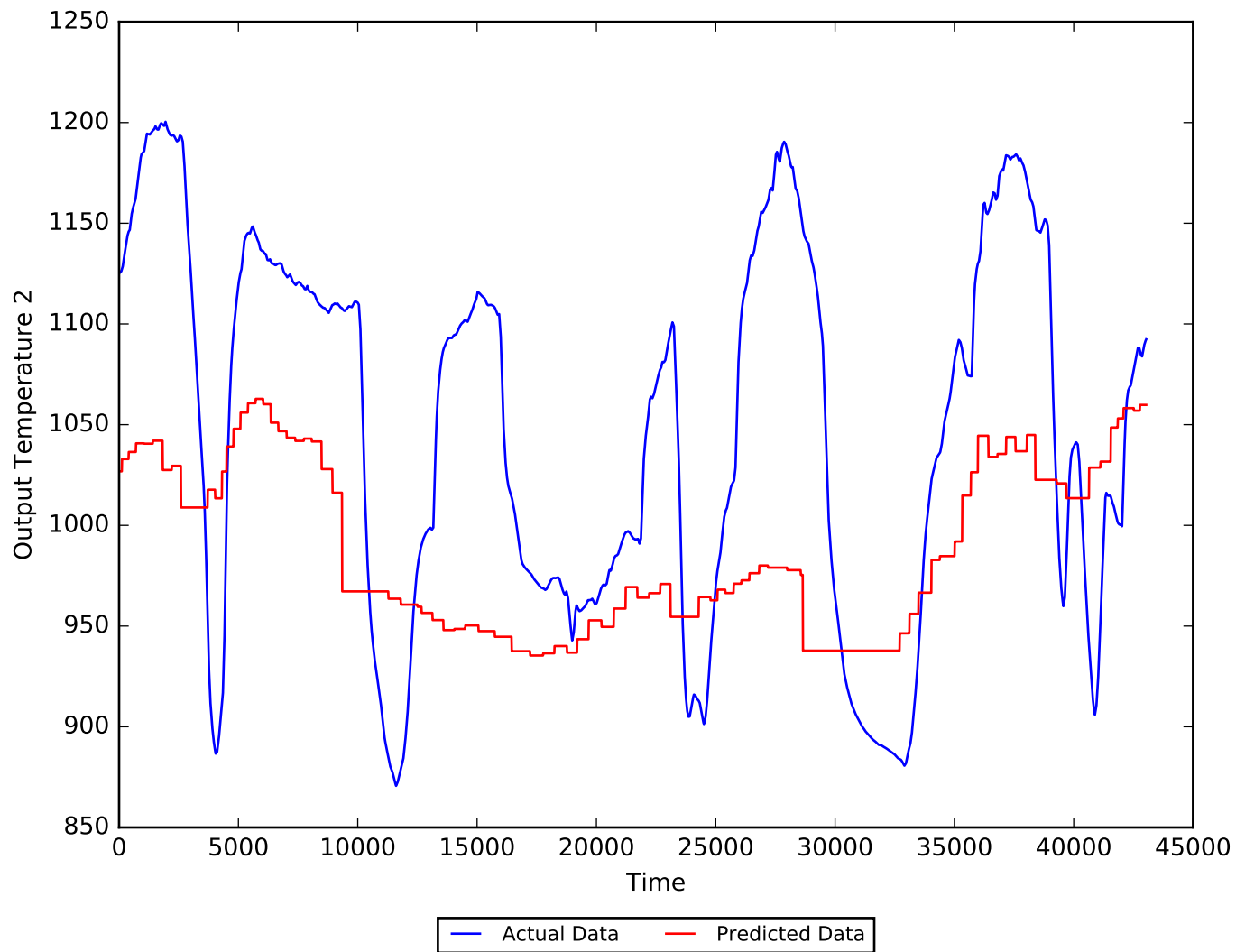




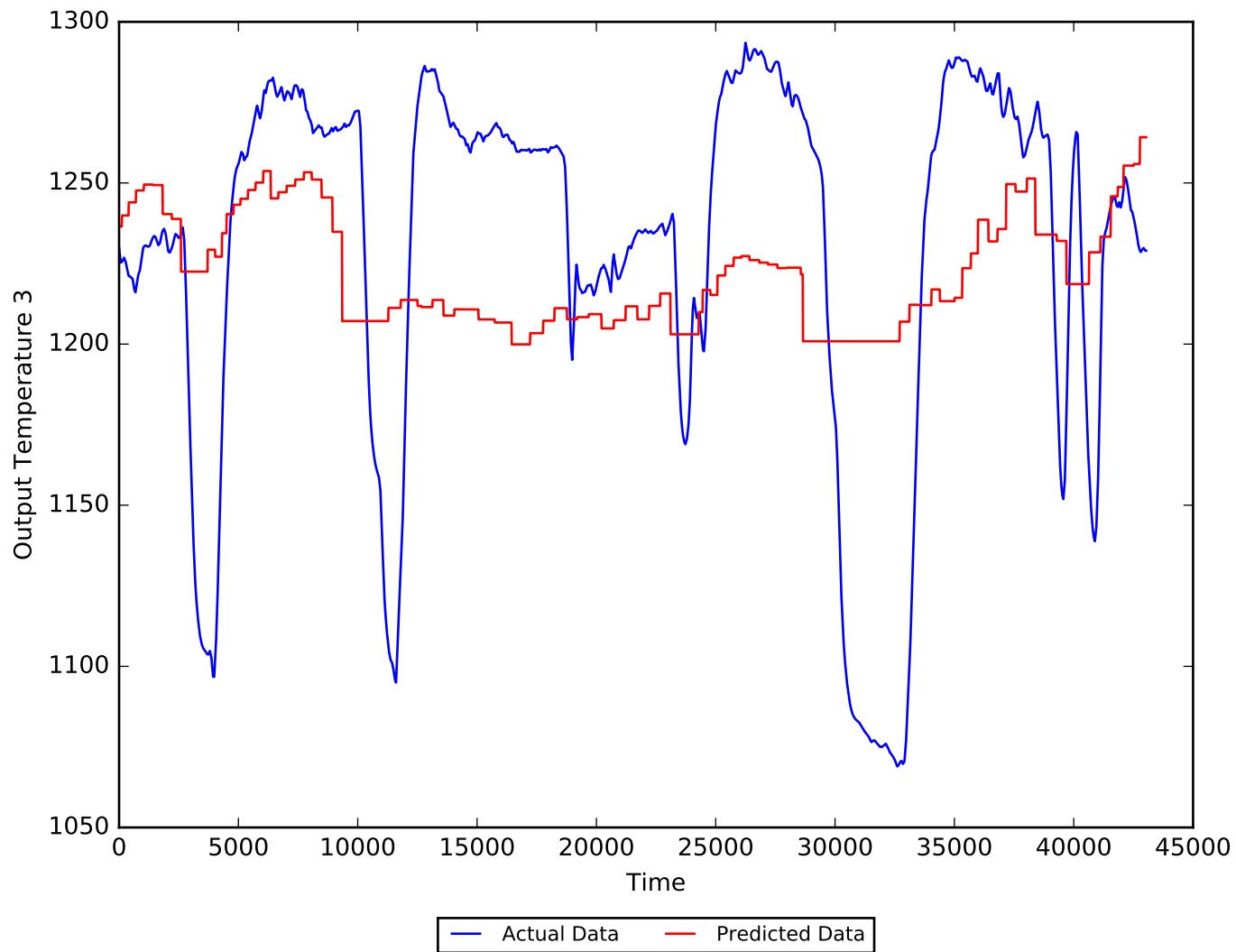
$$\text{output\_section\_temp1} \sim \text{input\_mat\_temp1} + \text{input\_mat\_temp1}^{**2}$$



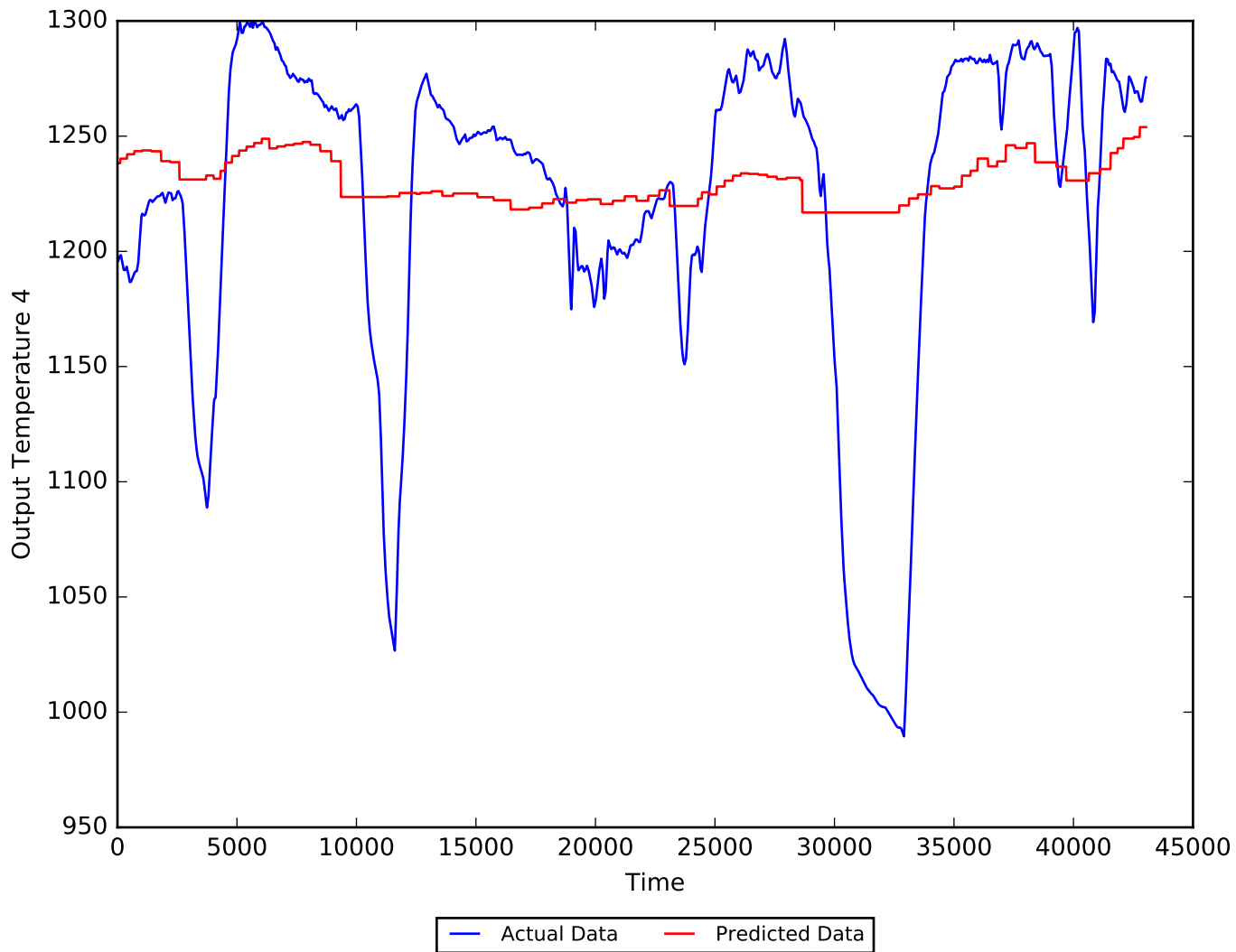
$$\text{output\_section\_temp2} \sim \text{input\_mat\_temp2} + \text{input\_mat\_temp2}^2$$



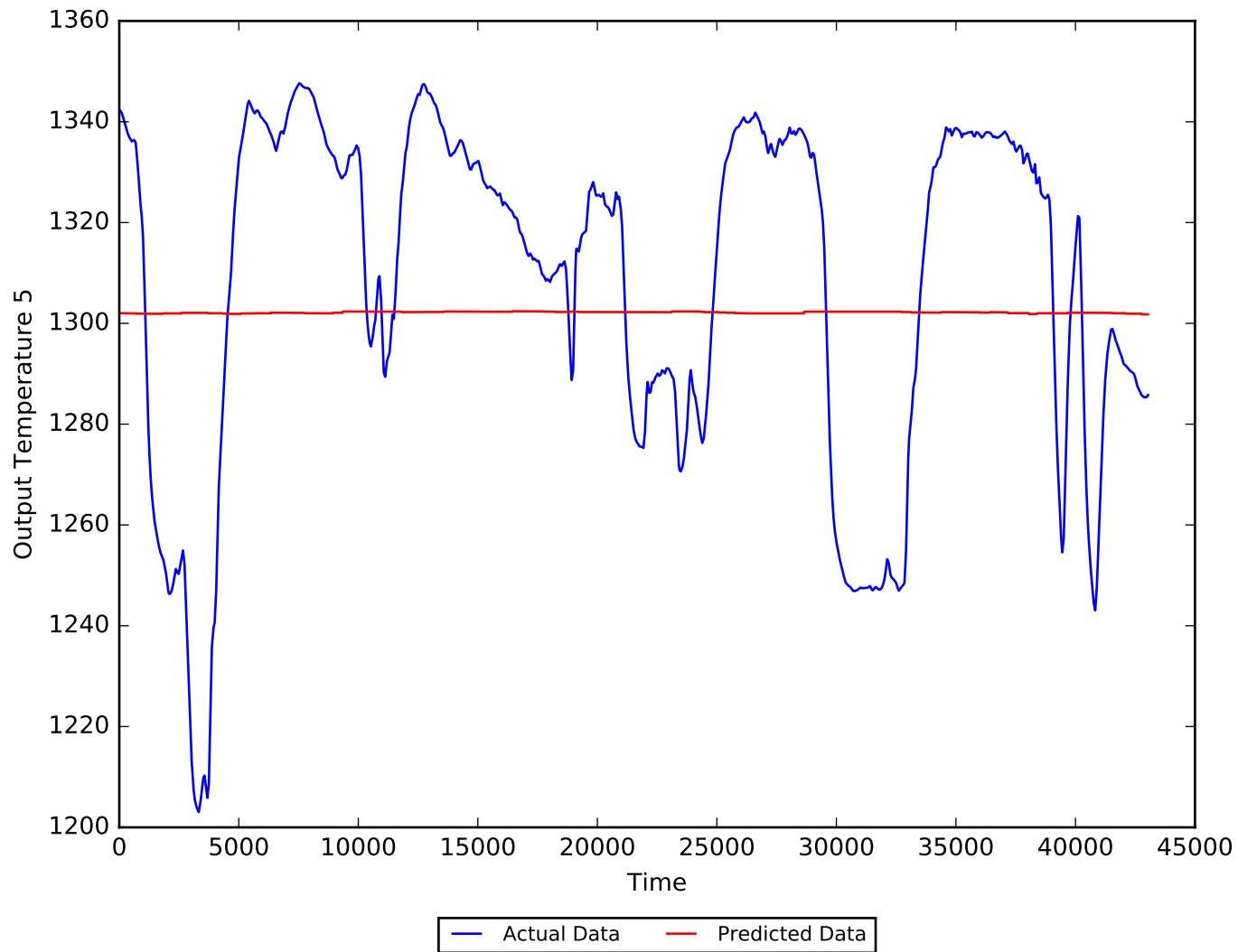
$$\text{output\_section\_temp3} \sim \text{input\_mat\_temp3} + \text{input\_mat\_temp3}^2$$



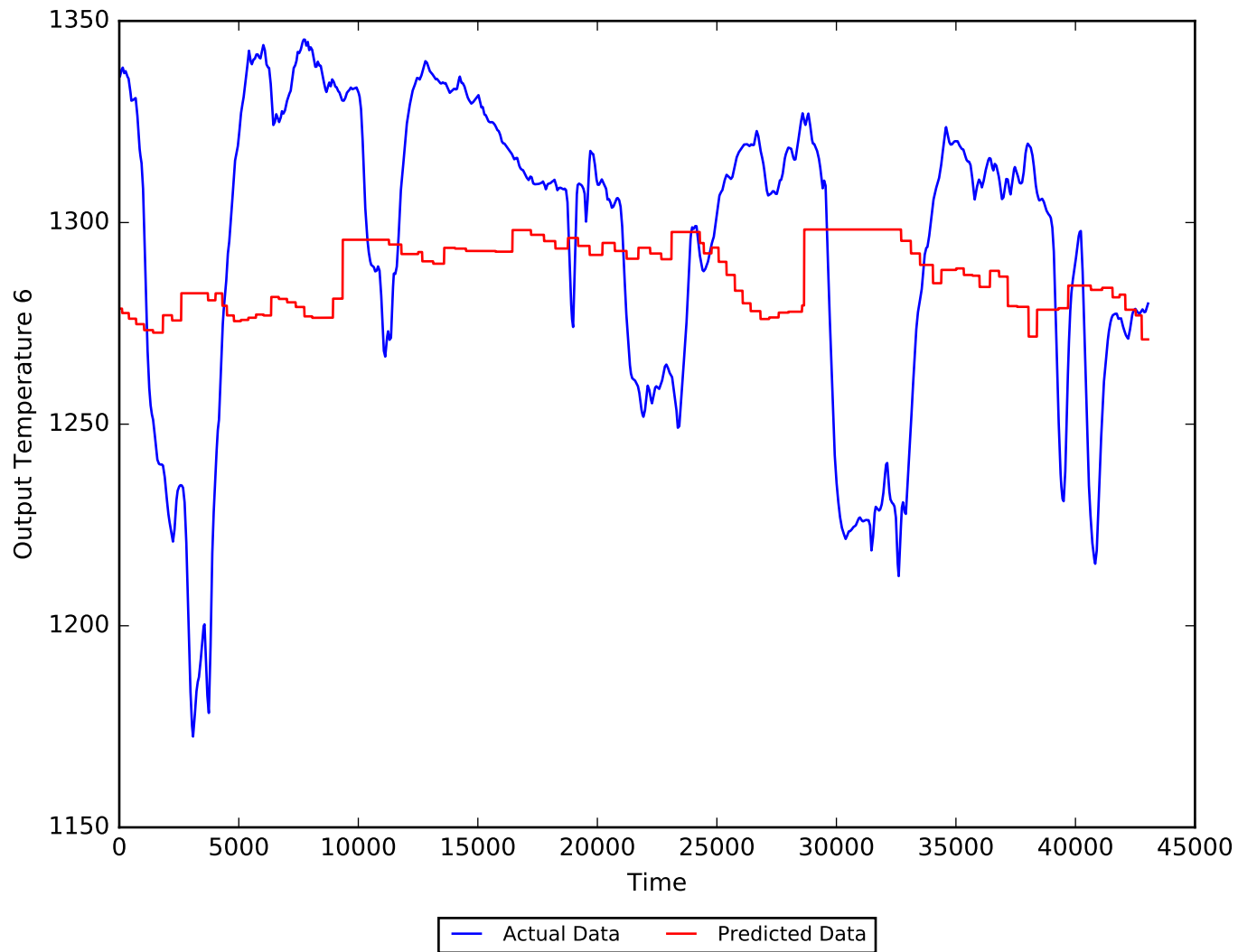
$$\text{output\_section\_temp4} \sim \text{input\_mat\_temp4} + \text{input\_mat\_temp4}^{**2}$$



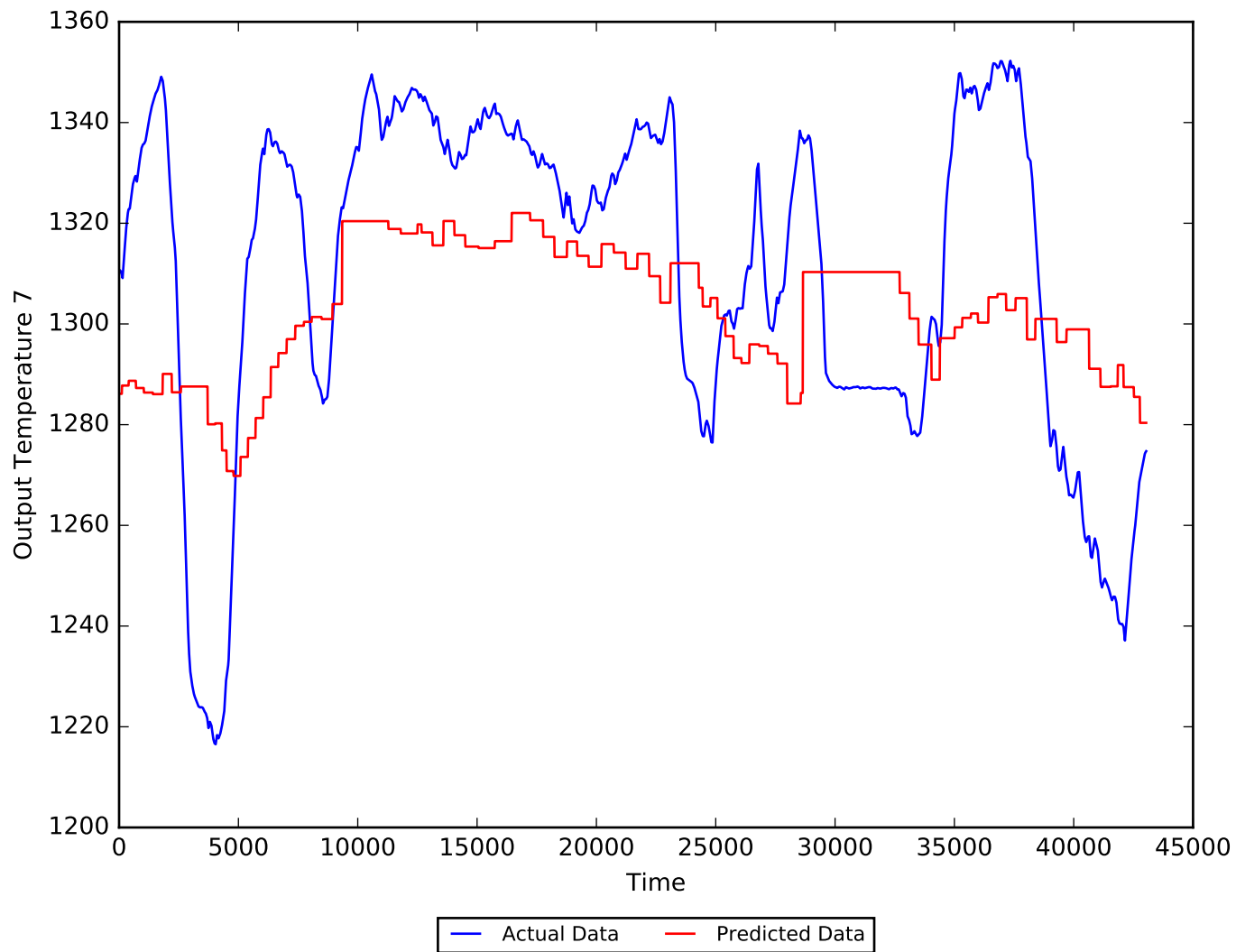
$$\text{output\_section\_temp5} \sim \text{input\_mat\_temp5} + \text{input\_mat\_temp5}^2$$



$$\text{output\_section\_temp6} \sim \text{input\_mat\_temp6} + \text{input\_mat\_temp6}^{**2}$$



$$\text{output\_section\_temp7} \sim \text{input\_mat\_temp7} + \text{input\_mat\_temp7}^{**2}$$



$$\text{output\_section\_temp8} \sim \text{input\_mat\_temp8} + \text{input\_mat\_temp8}^{**2}$$

